Appendix D – Phase I Environmental Site Assessment

Phase I Environmental Site Assessment

99 Southgate Avenue
Daly City, California

April 5, 2021

Prepared for:

Kimco Westlake, L.P.

Prepared by:

Roux Associates, Inc.
555 12th Street, Suite 250
Oakland, California 94607

1247.0012S100/CV

Environmental Consulting
& Management
+1.800.322.ROUX
rouxinc.com

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Executive Summary

Roux Associates, Inc. (Roux) has performed a Phase I Environmental Site Assessment (ESA) at 99 Southgate Avenue, Daly City, California (Property). This Phase I ESA was performed on behalf of Kimco Westlake, L.P. (User). Roux understands the proposed redevelopment plan is mixed commercial and residential.

The Property is approximately 1.93 acres and is currently occupied by a 55,000-square-foot commercial retail building with associated parking and landscaping areas.

The Property was undeveloped until the 1960s when it became utilized as a commercial non-residential space. The following hazardous waste generating facilities are listed at the Property:

- Westlake Development Company had an active HWTS listing from 1992 to 2000; and
- Burlington Store #182 has an active Hazardous Waste Tracking System (HWTS) listing from 2014 to current day.

This Phase I ESA was performed to identify recognized environmental conditions (RECs), controlled recognized environmental conditions (CRECs), and/or historical recognized environmental conditions (HRECs) at the Property, indicating past, current, or material threats of the release of hazardous materials or petroleum hydrocarbons to the Property's soil, groundwater, or surface water. The ESA was conducted by investigating past Property uses, reviewing the results of a search of environmental databases, reviewing records at relevant government agencies, and performing a Property reconnaissance.

There were no RECs, HRECs, or CRECs identified at the Property. However, the following environmental concerns were identified at the Property that do not rise to the level of a REC but are considered as business environmental risks (BERs). BERs are conditions that generally do not present a threat to human health or the environment and that generally would not be the subject of an enforcement action if brought to the attention of appropriate agencies; however, these conditions may have an environmentally driven impact on the business associated with the current or planned use of a parcel of commercial real estate. Roux identified the following BERs:

- Southgate Cleaners at 183 Southgate Avenue is a former dry cleaner facility, now H&R Block, and the site of an open investigation and remediation effort involving PCE impacts in soil vapor; and
- The Property is located in an area formerly used as agricultural land until approximately the 1950s. It is possible that residual impacts of pesticides may remain in shallow soil at the Property.

One data gap was identified as follows:

- Due to access issues, Roux could not enter and inspect the inside of the building. However, based on the review of Property history, this data gap is not likely to alter the findings of this Phase I ESA.

1. Introduction

At the request of Kimco Westlake, L.P. (User), Roux Associates, Inc. (Roux) performed a Phase I Environmental Site Assessment (ESA) at 99 Southgate Avenue, Daly City, California (Property). The Property location is shown in Figure 1. This Phase I ESA was conducted in accordance with the scope of work presented in the proposal submitted by Roux on January 11, 2021 and in general accordance with the American Society of Testing and Materials' (ASTM) International Standard Practice E1527-13 (Standard Practice for Environmental Site Assessments), consistent with the United States Environmental Protection Agency (USEPA) Standards and Practices for All Appropriate Inquiries (AAI) Rule (40 CFR Part 312, Standards and Practices for All Appropriate Inquiries; Final Rule[1]). The preamble for the AAI Rule states:

> *In today's final rule, EPA is referencing the standards and practices developed by ASTM International and known as Standard E1527-05 (entitled "Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process") and recognizing the E1527-05 standard as consistent with today's final rule. The Agency determined that this voluntary consensus standard is consistent with today's final rule and is compliant with the statutory criteria for all appropriate inquiries. Persons conducting all appropriate inquiries may use the procedures included in the ASTM E1527-05 standard to comply with today's final rule.*[2]

This AAI Rule was subsequently amended in 2013, as indicated in the following "Background":

> *With today's action, EPA is establishing that parties seeking liability relief under CERCLA's landowner liability protections, as well as recipients of brownfields grants for conducting site assessments, will be considered to have met the standards and practices for all appropriate inquiries, as set forth in the Brownfields Amendments to CERCLA and 40 CFR Part 312, if such parties follow the procedures provided in the ASTM E1527-13 "Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process." EPA made this determination based upon the Agency's finding that the ASTM E1527-13 standard is compliant with the All Appropriate Inquiries Rule. Therefore, parties conducting all appropriate inquiries may use the procedures in the newly issued ASTM E1527-13 standard when conducting all appropriate inquiries.*[3]

The purpose of the Phase I ESA was to identify, to the extent feasible, Recognized Environmental Conditions (RECs) in connection with the Property. ASTM Standard Practice E1527-13 defines RECs as:

> *…the presence or likely presence of any hazardous substances or petroleum products in, on, or at a property: (1) due to any release to the environment; (2) under conditions indicative of a release to the environment; or (3) under conditions that pose a material threat of a future release to the environment. De minimis conditions are not recognized environmental conditions.*

ASTM Standard Practice E1527-13 provides that identified RECs can be evaluated and classified into Controlled Recognized Environmental Conditions (CRECs) or Historical Recognized Environmental

1 Final Rule and information available at www.epa.gov/swerosps/bf/regneg.htm#final_rule, and https://federalregister.gov/a/2013-31112.

2 Federal Register: November 1, 2005 (Volume 70, Number 210), page 66081.

3 Federal Register: December 30, 2013 (Volume 78, Number 250).

Conditions (HRECs) based on the following definitions. ASTM Standard Practice E1527-13 defines a CREC as:

> *…a recognized environmental condition resulting from a past release of hazardous substances or petroleum products that has been addressed to the satisfaction of the applicable regulatory authority (for example, as evidenced by the issuance of a no further action letter or equivalent, or meeting risk-based criteria established by regulatory authority), with hazardous substances or petroleum products allowed to remain in place subject to the implementation of required controls (for example, property use restrictions, activity and use limitations, institutional controls, or engineering controls).*

ASTM Standard Practice E1527-13 defines a HREC as:

> *…a past release of any hazardous substances or petroleum products that has occurred in connection with the property and has been addressed to the satisfaction of the applicable regulatory authority or meeting unrestricted use criteria established by a regulatory authority, without subjecting the property to any required controls (for example, property use restrictions, activity and use limitations, institutional controls, or engineering controls).*

In order to assess the potential for RECs associated with the Property, Roux utilized a variety of information sources to perform the Phase I ESA, including a radial information search from federal, state, and local regulatory agency databases and readily available information from the following sources: Property owner, historical aerial photographs, historical topographic maps, and city directories. Also, Freedom of Information Act (FOIA)/public records request responses from federal, state, and local regulatory agencies were conducted. The historical research and questionnaire were conducted in order to develop an understanding of the following:

- Current and past uses of the Property;
- Current and past uses of hazardous substances and/or petroleum at the Property, if any;
- Waste management and disposal practices that might have potentially caused releases or threatened releases of hazardous substances and/or petroleum products at the Property;
- Current and past corrective actions and response activities undertaken to address past and ongoing releases of hazardous substances and/or petroleum products at the Property, if any;
- The existence of any engineering and/or institutional controls recorded for the Property; and
- Current and past uses of adjoining properties that could have resulted in releases or threatened releases of hazardous substances and/or petroleum products to the Property.

Roux's Principal Engineer, Angela Liang Cutting, Ph.D., P.E., and Staff Engineer Emma Totsubo served as the Environmental Professionals who conducted the Phase I ESA. Dr. Cutting possesses sufficient specific education, training, and experience to exercise professional judgment to develop opinions and conclusions regarding conditions indicative of releases or threatened releases, as defined in 40 CFR §312.1(c) on, at, in, or to a Property, sufficient to meet the objectives and performance factors in 40 CFR §312.20(e) and (f).

2. Methods of Investigation

The methods of investigation used to conduct this Phase I ESA are outlined in the following sections.

2.1 General

The activities performed in conjunction with the Phase I ESA of the Property include:

- Review of federal, state, and local environmental regulatory agency databases provided by Environmental Data Resources, Inc. of Milford, Connecticut (EDR), indicating locations of environmental concern within specified radii from the Property;
- Submission of FOIA requests/public requests and inquiries to federal, state, and local regulatory agencies;
- Review of historical information for the Property and surrounding area;
- Review of User provided documents;
- Reconnaissance of the Property; and,
- Review of questionnaire filled out by the Property owner.

2.2 Review of Readily Available Information

The resources compiled and reviewed by Roux to date include the following:

- EDR Radius Map with GeoCheck, dated January 19, 2021 (Appendix A);
- EDR United States Geological Survey (USGS) Historical Topographic Maps, San Mateo 15-minute, San Francisco South 7.5-minute, and San Francisco South OE W 7.5-minute, dated 1896, 1899, 1915, 1939, 1947, 1950, 1956, 1968, 1973, 1980, 1995, 1996, and 2012 (Appendix B);
- EDR aerial photographs dated 1943, 1946, 1956, 1963, 1968, 1974, 1982, 1998, 2005, 2012, and 2016 (Appendix C);
- EDR City Directory Abstract, dated January 27, 2021 (Appendix D);
- EDR Sanborn Maps dated 1960 and 1969 (Appendix E); and
- Public records from the agencies listed in Table 1 below (Appendix F).

Table 1. Public Record Requests Summary

Agency	Status
Department of Toxic Substances Control (DTSC), including Envirostor and Hazardous Waste Tracking System (HWTS)	Request submitted on January 21, 2021 via email. Response received on January 29, 2021 stating no documents were available for the Property. Online databases queried on January 21, 2021. No Envirostor listings were identified in the vicinity of the Property. Two HWTS listings were identified for the Property. This is discussed in Section 5.2.
Regional Water Quality Control Board (RWQCB), including GeoTracker, and Storm Water Multiple Application and Report Tracking System (SMARTS)	Request submitted on January 21, 2021 via email. Response received on January 28, 2021 stating no documents were available for the Property. Online databases queried on January 21, 2021, 2020. Three GeoTracker listings were identified in the vicinity of the Property. No SMARTS listings were identified for the Property.

Table 1. Public Record Requests Summary	
Agency	**Status**
Bay Area Air Quality Management District (BAAQMD)	Request submitted on January 21, 2021. Response was received on January 21, 2021 stating no documents were available for the Property.
California Department of Conservation Geologic Energy Management Division (CalGEM) Well Finder	Online database queried on January 21, 2021. No oil and gas wells were identified in the vicinity of the Property.
California Department of Forestry and Fire Protection (CAL FIRE)	Request submitted on January 21, 2021 through online portal. Response was received on February 1, 2021 stating no documents were available for the Property.
City of Daly City	Request submitted on January 21, 2021. Response was received on February 23, 2021 from the City Attorney's Office providing documents for the Property. These are discussed in Section 5.2.
San Mateo County, including SMC	Request submitted on January 21, 2021 via email. Response was received on January 25, 2021 from the County Counsel's Office stating no documents were available for the Property.

2.3 Property and Surrounding Area Reconnaissance

Due to access issues, Roux could not enter and inspect the inside of the building. However, based on the review of Property history, this data gap is not likely to alter the findings of this Phase I ESA.

2.4 Interview with Property Owner

No interviews were conducted. The Property owner, Kimco Westlake L.P., filled out the User Questionnaire, discussed in Section 7.2.

3. Property Description

Descriptions of the Property and surrounding properties are included in the following sections.

3.1 Property Location and Description

The Property is located at 99 Southgate Avenue, Daly City, California. Figure 1 presents the location of the Property in the general context of Daly City. The Property is an approximately 1.93-acre parcel consisting of one 55,000-square-foot commercial building with associated parking and landscaping areas (Figure 2).

3.2 Current Surrounding Property Usage

The Property is located in a mixed commercial-residential area. Table 2 below lists the surrounding area uses.

Table 2. Surrounding Area Uses	
North	Directly north of the Property, across Southgate Avenue, is the main portion of the Westlake Shopping Center and apartment buildings.
East	Directly east of the Property, across Palmcrest Drive, are commercial facilities and apartment buildings, beyond which are the Lake Merced Golf Club courses.
West	Directly west of the Property, across Lake Merced Boulevard, are commercial facilities and apartment buildings.
South	Directly south of the Property are apartment buildings, beyond which is Benjamin Franklin Intermediate School.

3.3 Topographic and Hydrogeologic Setting

According to the EDR Radius Map Report (Appendix A), the elevation of the Property is at 102 feet above mean sea level (amsl), consistent with historical topographic maps (Appendix B). The Property is relatively flat but generally slopes to the north-northeast.

The nearest surface water bodies[4] include Lake Merced (0.8 miles north) and the Pacific Ocean at Thornton State Beach (0.8 miles west). Minimum depth to groundwater at a nearby Geotracker case[5] was estimated to be around 53 feet bgs to a perched groundwater zone, then 126 feet bgs to the shallow groundwater aquifer. Flow direction at this site generally ranged from northeast to southeast, toward Lake Merced.

The Property is located in the Westside Groundwater Basin.[6] The Westside Basin is bounded by the Lobos Basin to the north; Downtown Basin, Islais Valley Basin, Visitacion Valley Basin, and San Francisco Bay to the east; Santa Clara Valley Basin to the south; and San Andreas Rift Zone to the west. Groundwater bearing units are mostly characterized by Quaternary Holocene-age historic artificial fill and Pleistocene-age Colma Formation[7].

[4] US Fish and Wildlife Wetlands Mapper (https://www.fws.gov/wetlands/data/mapper.html).

[5] Antea Group, 2020. Arco #465 1Q20 Semi-Annual Groundwater Monitoring Report, 151 Southgate Ave, Daly City, California. April 20(https://geotracker.waterboards.ca.gov/profile_report?cmd=viewgeo&sub_type=GEO_WELL&global_id=T0608100027&conf_num=6064509510&orderby=DTW).

[6] California Department of Water Resources Groundwater Basin Boundary Assessment Tool (https://gis.water.ca.gov/app/bbat/)

[7] USGS, 2005. Geology of the onshore part of San Mateo County, California (https://pubs.usgs.gov/of/1998/of98-137/).

4. Property History

The land use history of the Property was prepared by reviewing historical aerial photographs, historical topographical maps, and city directories. Historical research documentation is provided in Appendices B, C, and D, respectively. Based on the available sources, the chronology of the Property was developed and included in Table 3 below.

Table 3. Property History

Source	Year	Status
Topographic Map	1896	The Property is shown on an undeveloped area with mountainous terrain. It is located near tributaries to Lake Merced in the north. The elevation of the Property is around 100 to 120 feet amsl. About a half mile east is a developed area bordered by an unnamed railroad on the west and the Southern Pacific railroad on the east. A half mile north of this is another developed neighborhood.
Topographic Map	1899	The Property is located in an area called Laguna de la Merced. The rest of the 1899 topographic map is consistent with the 1896 topographic map.
Topographic Map	1915	The developed area to the east of the Property (central Daly City) has expanded to the north and south and is much more densely populated. A railroad south of the Property and several unimproved roads[8] now stretch from central Daly City west towards Lake Merced.
Topographic Map	1939	The Property still appears undeveloped near a woodland vegetation area in the 1939 topographic map. Some of the roads in the vicinity of the Property have been improved with scattered dwellings. The California Pacific Coast Highway 1 (PCH) is shown north of the Property, running southwest-northeast in the same configuration as the current John Daly Boulevard and extending south along the west coast of the Peninsula. A highway is shown west of the Property in a similar configuration as the current Skyline Boulevard. Two roadways are shown east of the Property in the same configurations as the current Interstate 280 (I-280) and Mission Street/El Camino Real.
Aerial Photograph	1943	The Property is shown in a rural area and appears to be taken up by agricultural fields and dense woodland. An unpaved road runs northwest-southeast through the Property, which is surrounded by more agricultural fields and a golf course to the east. The intersection of PCH and a road in the same configuration as the current Lake Merced Boulevard can be seen north of the Property. A small residential area can be seen southeast of the Property.
Aerial Photograph	1946	The 1946 aerial photograph is consistent with the 1943 aerial photograph.
Topographic Map	1947	The Property appears undeveloped in the 1947 topographic map. Within a mile vicinity is the Lake Merced Golf and Country Club (east), San Francisco Golf Club (north) and Olympic Golf Club (northwest). The highway north of

[8] USGS, 2005. Topographic Map Symbols (https://pubs.er.usgs.gov/publication/70039164).

Table 3. Property History		
Source	**Year**	**Status**
		the Property (formerly PCH) is now called Alemany Boulevard, and the PCH/ I-280 fork is now shown in its current configuration. The area about one-quarter mile southeast of the Property has been developed.
Topographic Map	1950	The 1950 topographic map is consistent with the 1947 topographic map.
Topographic Map	1956	No features are shown on the Property. Much of the area within a half-mile radius of the Property, the Westlake neighborhood, has been developed. Many of the streets in the vicinity of the Property, including Southgate Avenue, are shown in their current configurations. New buildings are shown directly north of the Property, currently the Westlake Shopping Center.
Aerial Photograph	1956	The Property appears to be part of a mostly empty, unpaved lot bordered by the Lake Merced Golf Club, Westlake Shopping Center, and dense residential areas. A rectangular feature can be seen on the Property, potentially a structure. Three long facilities matching a portion of the current Benjamin Franklin Intermediate School are shown on the portion of land south of the Property.
Sanborn Map	1960	The Property is unmapped in the 1960 Sanborn Map. A parking lot and portion of the J.C. Penney store at Westlake Shopping Center are shown to the north. Fire hydrants and associated water piping are shown around the building.
Aerial Photograph	1963	The Property and adjacent parcels are now developed with buildings that match current configurations. The smaller adjacent streets, including Palmcrest Drive and Lake Merced Boulevard, are now shown. The Westlake Shopping Center building footprint has been expanded. Benjamin Franklin Intermediate School's facilities have been further developed.
Topographic Map	1968	The I-280 freeway has gone through significant development. The St. Francis neighborhood, about one mile south of the Property, has been developed.
Aerial Photograph	1968	The 1968 aerial photograph is consistent with the 1963 aerial photograph.
Sanborn Map	1969	The Property is unmapped in the 1969 Sanborn Map. Westlake Center stores are shown to the north.
City Directory	1972	City directory listings for the Property include Swanson's Westlake Bowl. City directory listings for the surrounding area are for individual tenants and commercial business, including: • Westlake Arco Service at 151 Southgate Avenue, located about 113 feet west of the Property; • Southgate Thrifty Cleaner at 183 Southgate Avenue, located about 320 feet west of the Property; and • PG&E at 11 Southgate Avenue, located about 440 feet west of the Property.

Table 3. Property History		
Source	**Year**	**Status**
Topographic Map	1973	The 1973 topographic map is consistent with the 1968 topographic map.
Aerial Photograph	1974	The 1974 aerial photograph is consistent with the 1968 aerial photograph.
City Directory	1976	City directory listings for the Property include Swanson's Westlake Bowl. City directory listings for the surrounding area are for individual tenants and commercial business, including: • Westlake Arco Service at 151 Southgate Avenue, located about 113 feet west of the Property; and • Southgate Thrifty Cleaner at 183 Southgate Avenue, located about 320 feet west of the Property.
Topographic Map	1980	Scattered new development can be seen outside the vicinity of the Property. The rest of the 1980 topographic map is consistent with the 1973 topographic map.
City Directory	1981	City directory listings for the Property include Swanson's Westlake Bowl. City directory listings for the surrounding area are for individual tenants and commercial business, including: • Westlake Arco Service at 151 Southgate Avenue, located about 113 feet west of the Property; • Southgate Thrifty Cleaner at 183 Southgate Avenue, located about 320 feet west of the Property; and • PG&E at 11 Southgate Avenue, located about 440 feet west of the Property.
Aerial Photograph	1982	The 1982 aerial photograph is consistent with the 1974 aerial photograph.
City Directory	1986	City directory listings for the Property include Swanson's Westlake Bowl, Westlake Pro Shop, and Circus Town. City directory listings for the surrounding area are for individual tenants and commercial business, including: • Westlake Arco Service at 151 Southgate Avenue, located about 113 feet west of the Property; • Southgate Thrifty Cleaner at 183 Southgate Avenue, located about 320 feet west of the Property; • Richmond Paint and Hardware at 85 Southgate Avenue, located about 100 feet east of the Property; and • PG&E at 11 Southgate Avenue, located about 440 feet west of the Property.
City Directory	1992	City directory listings for the Property include Swanson's Westlake Bowl, Westlake Pro Shop, and F&F Baseball Cards. City directory listings for the surrounding area are for individual tenants and commercial business, including:

Table 3. Property History		
Source	**Year**	**Status**
		• Westlake Arco Service at 151 Southgate Avenue, located about 113 feet west of the Property; • Westlake Laundry at 169 Southgate Avenue, located about 200 feet west of the Property; and • Southgate Thrifty Cleaner at 183 Southgate Avenue, located about 320 feet west of the Property.
Topographic Map	1995	All of Daly City has been developed, excluding golf courses, beach areas, and a couple parks. The Property appears consistent with the 1980 topographic map.
City Directory	1995	There are no 1995 city directory listings for the Property. City directory listings for the surrounding area are for individual tenants and commercial business, including: • Westlake Arco Service at 151 Southgate Avenue, located about 113 feet west of the Property; • Westlake Laundry at 169 Southgate Avenue, located about 200 feet west of the Property; and • Southgate Thrifty Cleaner at 183 Southgate Avenue, located about 320 feet west of the Property.
Topographic Map	1996	The 1996 topographic map is consistent with the 1995 topographic map.
Aerial Photograph	1998	The 1998 aerial photograph is consistent with the 1982 aerial photograph.
City Directory	2000	City directory listings for the Property include Burlington Coat Factory. City directory listings for the surrounding area are for individual tenants and commercial business, including: • Westlake Arco Service at 151 Southgate Avenue, located about 113 feet west of the Property; • Westlake Laundry at 169 Southgate Avenue, located about 200 feet west of the Property; and • Southgate Thrifty Cleaners at 183 Southgate Avenue, located about 320 feet west of the Property.
Aerial Photograph	2005	A portion of the Westlake Shopping Center appears to be under development.
City Directory	2005	City directory listings for the Property include Burlington Coat Factory and Nshan's Tailor Shop. City directory listings for the surrounding area are for individual tenants and commercial business, including Westlake Arco Service at 151 Southgate Ave, located about 113 feet west of the Property;
City Directory	2010	City directory listings for the Property include Burlington Coat Factory. City directory listings for the surrounding area are for individual tenants and commercial business, including

Table 3. Property History		
Source	**Year**	**Status**
		• Westlake Arco Service at 151 Southgate Avenue, located about 113 feet west of the Property; and • Westlake Laundry at 169 Southgate Avenue, located about 200 feet west of the Property.
Topographic Map	2012	Alemany Boulevard has been renamed John Daly Boulevard. The rest of the 2012 topographic map is consistent with the 1996 topographic map.
Aerial Photograph	2012	Various Westlake Shopping Center buildings and parking lots have been added, removed, and expanded.
City Directory	2014	City directory listings for the Property include Burlington Coat Factory. City directory listings for the surrounding area are for individual tenants and commercial business, including • Westlake Arco Service at 151 Southgate Avenue, located about 113 feet west of the Property; and • Westlake Laundry at 169 Southgate Avenue, located about 200 feet west of the Property.
Aerial Photograph	2016	The 2016 aerial photograph is consistent with the 2012 aerial photograph.
City Directory	2017	City directory listings for the Property include Burlington Coat Factory. City directory listings for the surrounding area are for individual tenants and commercial business, including • Westlake Shopping Center at 151 Southgate Avenue, located about 113 feet west of the Property; and • Westlake Laundry at 169 Southgate Avenue, located about 200 feet west of the Property.

5. Records Review

5.1 EDR Database Listings

Roux used a computerized environmental database and radius map report prepared by EDR to conduct a government records database search for sites of potential environmental concern within a maximum one-mile radius of the Property. Appendix A contains a complete copy of the EDR Radius Map Report with GeoCheck. Based on the Map Findings Summary in the EDR Radius Report, Table 4 shows the results for all the database listings that resulted in potential environmental concerns for the Property and surrounding area.

Table 4. Facilities of Potential Environmental Concern

Database	Target Property	<1/8 mile	1/8 - 1/4 mile	1/4 - 1/2 mile	Total
AST	NR	1	1	NR	2
CA FID UST	NR	1	NR	NR	1
CERS	NR	5	3	4	12
CERS HAZ WASTE	1	2	7	NR	10
CERS TANKS	NR	1	NR	NR	1
CHMIRS	NR	1	NR	2	3
CIWQS	NR	NR	NR	1	1
CORTESE	NR	1	NR	4	5
CPS-SLIC	NR	1	NR	1	2
DRYCLEANERS	NR	1	1	1	3
ECHO	1	1	1	1	4
EDR HIST AUTO	NR	1	NR	NR	1
EDR HIST CLEANER	NR	1	NR	NR	1
EMI	NR	2	1	1	4
ENF	NR	NR	NR	1	1
FINDS	1	1	2	2	6
HAZNET	2	2	1	1	6
HIST CORTESE	NR	1	NR	2	3
HIST UST	NR	2	NR	NR	2
HWTS	2	2	2	1	7
LUST	NR	2	NR	8	10
NPDES	NR	NR	NR	1	1
RCRA-LQG	NR	NR	1	NR	1
RCRA NONGEN / NLR	1	14	16	NR	31
RCRA-SQC	NR	1	2	2	5
RCRA-VSQG	NR	NR	1	NR	1
SAN MATEO CO. BI	1	8	25	3	37
SWEEPS UST	NR	1	NR	NR	1
UST	NR	1	NR	NR	1

The remainder of the discussion concerning review of the environmental databases listed on the EDR Radius Report has been restricted to those properties adjacent or within 1/8 mile and upgradient of the Property. These sites of potential environmental concern can be found on Table 5.

Table 5. Facilities of Potential Environmental Concern; <1/8 mile from Target Property

Property Listing(s)	Address	Distance to Property (mi)	Orientation to Property	Database
Burlington Store #182	99 Southgate Ave	TP	TP	RCRA NONGEN / NLR, FINDS, ECHO, SAN MATEO CO. BI, CERS HAZ WASTE, HWTS, HAZNET
Westlake Development Company Inc.	99 Southgate Ave	TP	TP	HWTS, HAZNET
Westlake Village Shopping Center	75 Southgate Ave	93 ft	Lower E	RCRA NONGEN / NLR, SAN MATEO CO. BI
BP West Coast Products LLC 00465	151 Southgate Ave	113 ft	Higher W	HWTS, HIST UST, HAZNET, RCRA NONGEN / NLR
Arco #0465, Westlake Arco Service	151 Southgate Ave	113 ft	Higher W	CHMIRS, HIST CORTESE, UST, RCRA NONGEN / NLR, SWEEPS UST, HIST UST, CA FID UST, CERS HAZ WASTE, CERS TANKS, CERS (2), LUST, CORTESE, SAN MATEO CO. BI
Monte Mike	151 Southgate Ave	113 ft	Higher W	EDR HIST AUTO
Westlake Shopping Center	15 Southgate Ave, 2nd Flr	183 ft	Lower NE	SAN MATEO CO. BI, CERS HAZ WASTE, CERS
PG&E Westlake Substation	Park Plaza & Fairway	435 ft	Higher NE	AST
Southgate Cleaners	183 Southgate Ave	491 ft	Higher W	HWTS, RCRA-SQG, LUST, CPS-SLIC, FINDS, ECHO, SAN MATEO CO. BI, DRYCLEANERS, EMI, HAZNET, CERS, EDR HIST CLEANER
Yamat, Librada DDS	187 Southgate	497 ft	Higher W	SAN MATEO CO. BI
Daly City Clinic	219 Southgate	552 ft	Higher W	SAN MATEO CO. BI
City of Daly City	295 Coronado Avenue	0.12 mi	Higher SW	SAN MATEO CO. BI, EMI, CERS
Westlake Village Apartments	2, 5, 8, 125, 150, 200, 225 & 325 Coronado Ave; 655 Lake Merced Blvd; 300 & 405 Palmcrest Dr	0.013-0.124 mi	Higher S	RCRA NONGEN / NLR

The listings in Table 5 are further discussed below.

5.1.1 Findings at the Property

Burlington Store #182 at 99 Southgate Avenue

HWTS: This facility has an active listing since 2014.

HAZNET: In 2016, 2017, 2018, and 2019, this facility disposed of various organic waste. In 2015, this facility disposed of various organic and inorganic wastes.

SAN MATEO CO. BI: This facility is listed as generating less than 27 gallons per year of hazardous waste.

CERS HAZ WASTE: In 2017, this facility was cited for failing to provide proof of employee training, properly label containers, separating wastes, and keeping past manifests. Facility returned to compliance in all instances.

RCRA NONGEN / NLR: This facility was listed as a hazardous waste non-generator in 2014, with no violations.

FINDS: An EDR Site Report was provided in this listing summarizing facility details. No additional useful information is provided.

ECHO: A summary of compliance and enforcement information was provided in this listing. No additional useful information is provided.

Westlake Development Company at 99 Southgate Avenue

HWTS: This facility had an active listing from 1992 to 2000.

HAZNET: In 1992, this facility disposed of asbestos containing material (ACM).

Property Listings Summary

The listings for the Property date back as early as 1992. There were two HWTS listings, active from 1992 to 2000 and 2014 to present day. Small quantities of hazardous materials have been generated, disposed of, and stored on the Property, with no documented environmental impact. The Burlington facility has had CERS HAZ WASTE violations relating to administration and housekeeping, which are unlikely to affect the results of this investigation.

5.1.2 Findings at Nearby Facilities

Westlake Village Shopping Center at 75 Southgate Avenue

SAN MATEO CO. BI: This facility is listed as generating and storing hazardous waste.

RCRA NONGEN / NLR: This facility was listed as a hazardous waste non-generator in 2011, with no violations.

Westlake Arco Service (#0465) at 151 Southgate Avenue

EDR HIST AUTO: This facility is listed as a gasoline service station from 1970 to 2014.

SWEEPS UST: In 1992 and 1994, this facility reported several USTs, including a 10,000-gallon unleaded gasoline tank, 8,000-gallon unleaded gasoline tank, and 550-gallon waste oil tank.

LUST: This facility was the site of a leaking underground storage tank cleanup case involving gasoline, MTBE, TBA, and other fuel oxygenate contamination in a drinking water aquifer, reported in 2000.

UST, HIST UST, CERS, CORTESE, HIST CORTESE, CA FID UST, CERS HAZ WASTE, CERS TANKS, CHMIRS: These listings are related to the cleanup program site described above. No additional useful information is provided.

CERS: In 2015, this facility was cited for failing to maintain adequate secondary containment. In 2016, this facility was cited for storing waste oil for longer than permitted and not notifying property owner of business plan. In 2017, this facility was cited for spill bucket failure. In 2018, this facility was cited for failing to update business plan and spill bucket failure. Facility returned to compliance in all instances.

SAN MATEO CO. BI: This facility is listed as generating and storing motor vehicle fuels and waste.

RCRA NONGEN / NLR: This facility was listed as a hazardous waste non-generator in 1993, with no violations.

BP West Coast Products LLC 00465 at 151 Southgate Avenue

HIST UST: This listing references four tanks, including two 10,000-gallon, one 8,000-gallon, and one 500-gallon waste oil UST, consistent with the ARCO listing above.

HAZNET: In 2016, 2017, 2018, and 2019, this facility disposed of aqueous solutions.

HWTS: This facility had an active listing from 2016 to 2020.

RCRA NONGEN / NLR: This facility was listed as no longer generating hazardous waste in 2016, with no violations.

Westlake Shopping Center at 15 Southgate Avenue

CERS HAZ WASTE, SAN MATEO CO. BI: This facility is listed as generating and storing hazardous materials.

CERS: In 2015, this facility was cited for not maintaining adequate emergency equipment, insufficient employee training, no active EPA ID, not conducting an annual business plan review, and storing waste oil for longer than permitted. In 2017, this facility was cited for not having an active EPA ID, storing universal waste for longer than permitted, improper waste labelling, and missing waste manifest documentation. In 2019, this facility was cited for not updating contact information or business plan. Facility returned to compliance in all instances.

PG&E Westlake Substation at Park Plaza & Fairway

AST: This facility is reported as having a 1,320-gallon AST.

Southgate Cleaners at 183 Southgate Avenue

EDR HIST CLEANER: This facility is listed as a dry-cleaning plant from 1974 to 1979, as Sanford Cleaners and Dyers, and 1985 to 2008, as Southgate Cleaners.

DRYCLEANERS: This facility was an active dry cleaning and laundry service facility from 1987 to 2007.

LUST, CPS-SLIC: This facility was the site of a leaking underground storage tank cleanup case involving PCE contamination in soil.

SAN MATEO CO. BI: This facility is listed as generating and storing hazardous materials.

RCRA-SQG: This facility was listed as a large quantity generator in 1986 and a small quantity generator from 1996 to 2002, with no violations.

HWTS: This facility had an active listing from 1987 to 2007.

HAZNET: From 1993 to 2007, this facility disposed of liquids with halogenated compounds. In 1987, this facility disposed of halogenated solvents.

CERS: This facility had a listing in the EPA Air Emission Inventory System.

EMI: This facility is listed as emitting organic hydrocarbon gasses in 1990, 1995, 2003, 2004, 2006, and 2007. This facility is listed as emitting reactive organic gasses in 2007.

FINDS, ECHO: A summary of compliance and enforcement information and EDR Site Report was provided for this facility. No additional useful information is provided.

Yamat, Librada DDS at 187 Southgate Avenue

SAN MATEO CO. BI: This facility is listed as generating medical waste.

Daly City Clinic at 219 Southgate Avenue

SAN MATEO CO. BI: This facility is listed as generating medical waste.

City of Daly City Westlake Pump Station at 295 Coronado Avenue

SAN MATEO CO. BI: This facility is listed as storing hazardous materials.

EMI: This facility reported emitting organic hydrocarbon gasses, reactive gasses, carbon monoxide, oxides of nitrogen (NOx), oxides of sulphur (SOx), and particulate matter between 2004 and 2018.

CERS: In 2016, this facility was cited for missing employee training documentation. In 2018, this facility was cited for not updating business plan. Facility returned to compliance in all instances.

Westlake Village Apartments at multiple addresses

RCRA NONGEN / NLR listings for the following facilities were consistent – facility was listed as a hazardous waste non-generator, with no violations.

Offsite Listings Summary

There were two facilities with documented instances sub-surface contamination in the vicinity of the Property:

- Westlake Arco gas station, located about 100 feet west of the Property across Lake Merced Boulevard, has a documented release of gasoline and rinsate to the subsurface, impacting drinking water. More details are provided in the site's GeoTracker profile, discussed in Section 5.2.
- Southgate Cleaners, located about 500 feet west of the Property, along Southgate Avenue, has a documented case of PCE-impacted soil. More details are provided in the site's GeoTracker profile, discussed in Section 5.2.

5.2 FOIA/Public Records Request Responses

FOIA/public records requests for the Property were submitted to federal, state, and local regulatory agencies (Section 2.2). Information obtained from all agency correspondence as well as their associated online databases is included in Appendix F and is summarized below.

Department of Toxic Substances Control (DTSC)

On January 29, 2021 the DTSC informed Roux via email there are no documents available for the Property.

Envirostor (DTSC's online database) was queried on January 21, 2021 and no listings were identified in the vicinity of the Property.

Online records available through the DTSC Hazardous Waste Tracking System (HWTS) were searched for the Property on January 21, 2021. One inactive listing was identified for Westlake Development Company and one active listing was identified for Burlington Store. These findings are consistent with the HWTS listings discussed in Section 5.1.1.

San Francisco Regional Water Quality Control Board (RWQCB)

On January 28, 2021, the RWQCB informed Roux via email there are no documents available for the Property.

On January 21, 2021, Roux searched the SMARTS Database and found no listings for the Property.

On January 29, 2021, Roux searched the California GeoTracker Database and found the following open cases in the vicinity of the Property:

- Arco #465[9] at 151 Southgate Avenue: This facility, located about 100 feet west of the Property, is the site of a leaking UST investigation and remediation program for total petroleum hydrocarbons (TPH) and other fuel-related contaminants of concern (COC) including MTBE, benzene, ethylbenzene, naphthalene, and poly-aromatic hydrocarbons (PAHs). This site remains an active gas station and currently has three USTs.

  TPH-impacted soil and groundwater were found during a 1992 subsurface investigation and a temporary soil vapor extraction (SVE) system was installed in 1993. It was shut down in 1994 for a system modification in 1995 to make it quieter. The system was run off and on until September 1997 when the SMCEHS Groundwater Protection Program (GPP) approved its shutdown. In October 1997, a waste oil UST was removed and TPH contamination was detected in the soil beneath. The area was over-excavated and new UST/ piping installed. In 1999, TPH-impacts were found beneath UST product lines during removal and the area was over-excavated.

  During the removal and replacement of three USTs in September 2000, a leak of approximately 500 gallons of gasoline/rinsate water was reported. Shortly after, a dual-phase extraction system was deployed for mitigation. Between 2001 and 2011, several additional characterization investigations were conducted to assess the full impacts at the site.

  Installation of a full SVE system began in August 2011 and operation began in October 2012. Between March 2013 and October 2018, several additional site assessment investigations were conducted as well as a vapor extraction pilot test. The most recent investigation findings are summarized below:

  - March 2019 – MTBE was detected above its RWQCB Residential Environmental Screening Level (ESL) of 0.028 mg/kg in several deep soil samples but showed that soil may be being influenced by the SVE on the site.
  - August 2019 – Pilot testing was conducted to investigate if MTBE recovery could be increased with the current SVE system. It was determined to be unfeasible and the GPP approved shutting down the SVE system in November 2019.
  - February 2020 – A shallow soil assessment was conducted; benzene, ethyl benzene, and naphthalene were not detected above laboratory reporting limits which were below Low-Threat Case Closure Policy (LTCP) thresholds.
  - In total, there are 27 groundwater monitoring wells, 13 SVE wells, and one dual-nested soil vapor probe installed for this site. Boring depths ranged from 5 feet bgs to 220 feet bgs.

[9] Arco #465 GeoTracker Profile, accessed January 29, 2021 (https://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0608100027)

According to a Case Closure request[10], dated April 21, 2020, the extent of TPH impacts were limited to above 10 feet bgs and the site's groundwater characterization met the requirements for LTCP status. Closure was denied by the GPP[11] due to the following reasons:

- Boring analyses used to delineate TPH soil impacts contained fill from the 1999 excavation backfill and therefore do not accurately represent remaining impacts,
- MTBE was still being detected above the ESL and at the bottom of a boring in at least one case,
- The Westlake municipal well is only 500 feet southwest of the site and two new San Francisco Public Utilities Commission wells are now present around 1,200 feet downgradient of the Arco Station; and
- Antea's modeling and simulations of MTBE were not adequate in terms of predictions or conservativeness.

Antea responded to GPP's comments in a letter[12], dated July 1, 2020, from Remediation Management Services Company (RMS). Annual Sampling would continue, and no additional actions would be proposed until the Closure Request and response was reviewed by California Regional Water Quality Control Board. The last action provided on the Geotracker database was a GPP response letter[13], dated August 19, 2020, confirming that on-going monitoring of deep wells was necessary at this site due to its proximity to the Westlake municipal well.

With regard to the Property, the maximum extent of soil contamination is believed to be bounded on the east by a monitoring well[14] (MW-1R) on the east edge of the Arco station and a soil boring (SB-9) at the concrete median bordering Lake Merced Boulevard and the Property's parking lot. The closest groundwater sampling location (MW-8) is located at the median, and in January 2020, no detections were found. Based on this information, these VOC impacts are unlikely to pose a threat to the Property.

- Southgate Cleaners[15] at 183 Southgate Avenue: This former dry cleaner facility, now H&R Block, was found to have PCE-impacted soil vapor during investigations that took place from 2002 to 2011. A SVE system was installed in 2014 and ran from July to December 2016. Rebound testing was completed in 2017 and an additional sampling plan was requested by GPP to characterize vapor intrusion (VI) at the site.

  Sampling was performed in September 2019 by Northgate Environmental Management, Inc. (Northgate), and included HVAC-on/off soil vapor, IA, and ambient air (AA) sampling. the results were provided in an Interim VI and Indoor Air (IA) Data Submittal[16], dated May 15, 2020. PCE and its associated break down products were detected in all soil vapor samples. Out of 18 HVAC-off soil vapor samples, all but one had PCE concentrations exceeding the Commercial ESL of 67 ug/m^3, detecting as high as 1,420 ug/m^3 below the former dry cleaner. Two out of three HVAC-on soil vapor samples exceeded the Commercial ESL, detecting as high as 920 ug/m^3 PCE. No IA or AA detections exceeded the Commercial ESLs. Soil vapor samples taken closest to the Property were located in Westlake Laundromat at 169 Southgate Avenue, about 230 feet west. The PCE concentrations at this facility ranged from 83 to 603 ug/m^3 during the September 2019 sampling event.

  The latest action provided on the Geotracker database is a letter[17] from the GPP with comments on the Data Submittal. The GPP indicated that long term vapor mitigation may be necessary pending

[10] Antea Group, 2020. Case Closure Request for Arco #465, 151 Southgate Avenue, Daly City, California. April 21.
[11] GPP, 2020. Case Closure Response, Arco #465, 151 Southgate Avenue, Daly City, California. June 4.
[12] RMS, 2020. Case Closure Response, Arco #465, 151 Southgate Avenue, Daly City, California. July 1.
[13] GPP, 2020. Case Closure Response, Arco #465, 151 Southgate Avenue, Daly City, California. August 19.
[14] Antea, 2020. Site Plan Figure, Arco #465, 151 Southgate Avenue, Daly City, California. March 30.
[15] Southgate Cleaners GeoTracker Profile, accessed January 29, 2021 (https://geotracker.waterboards.ca.gov/profile_report.asp?global_id=SL0608188850)
[16] Northgate, 2020. Interim Soil Vapor and Indoor Air Sampling Data Submittal, Southgate Cleaners, 183 Southgate Avenue, Daly City, California. May 15.
[17] GPP, 2020. Data Submittal Comments, Southgate Cleaners, 183 Southgate Avenue, Daly City, California. July 14.

additional sampling. The next sampling event has been postponed to early 2021, with a report expected by April 15, 2021. This is considered a Business Environmental Risk.

- Westlake French Cleaners[18] at 247 Westlake Center: PCE impacts were found in the soil vapor during SMCEHS investigations from 2002 to 2011. The SVE system was installed in 2014 and operated until July 2016 by Northgate Environmental Management, Inc. (Northgate). Rebound testing was conducted in May 2017. From the results of this rebound testing, the GPP requested semi-annual rebound testing as well as an indoor air sampling plan. Results from the first half of 2018 sampling showed little improvement from pre-SVE VOC levels, and, upon GPP's request. Northgate prepared a Source Area Characterization Work Plan[19] to further delineate the impacts. The plan was conditionally approved by the GPP on November 27, 2018. Northgate prepared a 2018 Annual Rebound Test Report in which they found PCE concentrations to not yet be at equilibrium. At the time of this Phase I, there are no more recent reports available. However, due to being over one quarter mile down gradient, these VOC impacts are unlikely to pose a threat to the Property.

Bay Area Air Quality Management District (BAAQMD)

On January 21, 2021, the BAAQMD informed Roux via email there are no documents available for the Property.

California Department of Conservation Geologic Energy Management Division (CalGEM) Well Finder

On January 21, 2021, Roux searched the CalGEM database as part of its record review. No oil and gas wells were identified in the vicinity of the Property.

California Department of Forestry and Fire Protection (CALFIRE)

On February 1, 2021, CALFIRE informed Roux via email there are no documents available for the Property.

City of Daly City (DC)

On February 23, 2021, the City Attorney's Office of Daly City provided the following documents for the Property:

- Swanson's Westlake Bowl (SWB) civil drawings, dated June 13, 1958;
- Sign Column and Footing drawing stamp for SWB, dated July 10, 1958;
- Illegible drawing, Building Department approved November 13, 1958;
- Construction drawings for SWB addition and apartments south of Southgate, approved July 20, 1959;
- Sign drawings for SWB, dated November 15, 1963;
- Illegible drawing, Planning Commission approved January 6, 1972;
- Building Permit Application, dated December 16, 1985;
- Mechanical Permit Application for SWB, dated January 29, 1986;
- Business License Application for Papito's Restaurant, dated March 3, 1986;
- Business License Application for Bowlers World, dated March 4, 1986;
- Application for Sign Permit for Papito's Restaurant, dated March 17, 1986;
- Business License Application for SWB, dated August 30, 1988;

[18] Westlake French Cleaners GeoTracker Profile, accessed January 29, 2021 (https://geotracker.waterboards.ca.gov/profile_report.asp?global_id=SL0608106505)

[19] Northgate, 2018. Source Area Characterization Work Plan, 183 Southgate Avenue, Daly City, California. October 12.

- Building Inspector structural comments for T.I. Burlington Coat Factory (BCF), dated July 21, 1992;
- Building Permit Record for BCF, dated August 3, 1992;
- Building Permit Record, dated September 4, 1992;
- Building Permit Record and Application for Sign Permit at BCF, dated September 21, 1992;
- Construction Contractor Permit for BCF, dated October 1, 1992;
- Building Permit Record, dated October 8, 1992;
- Building Permit, dated October 8, 1992;
- Fire Department Report of Alarm and memorandum regarding structural damage at BCF building during reconstruction, dated October 18, 1992;
- Building Permit Record, dated October 21, 1992;
- Certificate of Occupancy for BCF, dated December 14, 1992;
- Building Permit Record and Application for Sign Permit for BCF, dated January 6, 1993;
- Building Project Permit for BCF, dated February 15, 1993;
- Building Permit Record, dated February 16, 1993;
- Building Inspector letter regarding Sign Permit for BCF, dated September 7, 1993;
- Building Permit Record and Permit Application for sewer repair at BCF, dated November 5, 1997;
- Construction Permit Record and Permit Application for electrical work, dated November 21, 2005;
- Construction Permit Record and Permit Application for HVAC work, dated January 30, 2006;
- Construction Permit Record and Permit Application for electrical work, dated March 28, 2007;
- Permit Application for BCF façade renovation, dated June 26, 2012;
- Structural Observation form for BCF façade renovation, dated January 28, 2013;
- L.S. Mason and Associates letter regarding BCF façade renovation inspections, dated February 13, 2013;
- Construction Testing Services final affidavit letter regarding BCF façade renovation inspections, dated October 28, 2013; and
- Roofing contractor Agreement, dated April 14, 2017.

San Mateo County

On January 25, 2021, the San Mateo County Counsel's Office informed Roux via email there are no documents available for the Property.

On January 28, 2021, the San Mateo County Environmental Health Services Division (SMCEHS) provided the following documents for the Property:

- Hazardous Waste Generator Inspection Report, dated April 21, 2015 – One violation found for not having a contingency plan;
- New/Change of Information Form, dated April 22, 2015, designating the Property as a new HazMat Facility;
- Facility and Contact Information as of April 22, 2015;
- SMCEHS Certified Unified Program Agency (CUPA) Permit, dated June 1, 2015, designating facility as a small quantity (less than 27 gallons per year) hazardous waste generator;

- Uniform Hazardous Waste Manifests and associated Land Disposal Restriction Notifications, dated July 2015, September 2015, November 2015, February 2016, August 2016, February 2017, and January 2019;
- Hazardous Material Program HazWaste Small Quantity Generator (SQG) Inspection Report, dated April 14, 2017 – Five violations found, including non-compliance with waste handling and labelling practices. This is consistent with the CERS HAZ WASTE listing discussed in Section 5.1.1. These instances of non-compliance are not likely to impact the subsurface;
- Notice of Violation, dated June 1, 2017, summarizes inspection conducted on April 14, 2017;
- Burlington Letter, dated June 15, 2017, providing documentation of return to compliance;
- Letter, dated June 16, 2017, confirming facility returned to compliance;
- Hazardous Material Program HazWaste Small Quantity Generator (SQG) Inspection Report, dated April 17, 2019 – No violations found. Waste streams include stage regulated toxics, aerosols/flammables, corrosives, and universal waste;
- Food Program Application, dated April 25, 2019, for Burlington facility to sell pre-packaged food;
- Retail Food Inspection Program Inspection Report, dated May 1, 2019 – No violations found;
- SMCEHS Permit to Operate as a retail store with food sales, dated May 18, 2020;
- SMCEHS CUPA Permit dated June 1, 2020, designating facility as a small quantity hazardous waste generator;
- Retail Food Inspection Program Inspection Report, dated December 17, 2020 – Inspector observed the store completely empty; and
- California Environmental Reporting System (CERS) Business Data Sheet, dated January 26, 2021, stating all hazardous wastes generated are the result of damaged or faulty retail products.

5.3 Documents Provided by the User

The following is a list of the relevant documents provided by the User (Appendix I):

- Preliminary Report, dated July 27, 2020, prepared by First American Title Insurance Company National Services for Westlake Shopping Center at 515, 75 and 151 Southgate Avenue, 33 Southgate Avenue #65, 2 Coronado, Avenue, 169 Southgate Avenue #209, and 526 and 251 Westlake Center;
- Architectural Plans, dated September 16, 2020, prepared by Van Meter Williams Pollack LLP for Kimco Westlake South at 99 Southgate Avenue; and
- Phase I Environmental Site Assessment, dated March 10, 2017, prepared by Roux Associates for the Westlake Shopping Center northeast corner at John Daly Boulevard and Park Plaza Drive, located about a quarter mile north of the Property. This site consisted of two commercial buildings, a parking area, and a passageway containing a soil vapor extraction (SVE) system installed to remediate VOC-impacted soil vapor from a former drycleaner onsite.

  The former drycleaner, Westlake French Cleaners, at 247 Westlake Center (formerly 3300 S Mayfair Ave) was located about 0.3 miles north of the Property and is the only REC identified in this Phase I. More details are provided in the site's Geotracker profile, see Section 5.2.

6. Property Reconnaissance

Due to access issues, Roux could not enter and inspect the inside of the building. However, based on the review of Property history, this data gap is not likely to alter the findings of this Phase I ESA.

7. User-Provided Information

User-provided information is included in Appendix G. In addition, Mr. Spencer Ingrim, the User's Regional Property Manager, filled out an Owner Questionnaire for the Property on March 1, 2021. According to Mr. Ingrim, besides the nearby Arco gas station, the User is unaware of any environment liens, land use limitations, engineering controls, or any other environmental issues related to the Property. The Owner Questionnaire is included in Appendix H.

8. Phase I ESA Conclusions and Recommendations

Roux Associates, Inc. (Roux) has performed a Phase I Environmental Site Assessment (ESA) at 99 Southgate Avenue, Daly City, California (Property). This Phase I ESA was performed on behalf of Kimco Westlake, L.P. (User). Roux understands the proposed redevelopment plan is mixed commercial and residential. The Property is approximately 1.93 acres and is currently occupied by a 55,000-square-foot commercial retail building with associated parking and landscaping areas.

The Property was undeveloped until the 1960s when it became utilized as a commercial non-residential space. The following hazardous waste generating facilities are listed at the Property:

- Westlake Development Company had an active HWTS listing from 1992 to 2000; and
- Burlington Store #182 has an active Hazardous Waste Tracking System (HWTS) listing from 2014 to current day.

This Phase I ESA was performed to identify recognized environmental conditions (RECs), controlled recognized environmental conditions (CRECs), and/or historical recognized environmental conditions (HRECs) at the Property, indicating past, current, or material threats of the release of hazardous materials or petroleum hydrocarbons to the Property's soil, groundwater, or surface water. The ESA was conducted by investigating past Property uses, reviewing the results of a search of environmental databases, reviewing records at relevant government agencies, and performing a Property reconnaissance.

There were no RECs, HRECs, or CRECs identified at the Property. However, the following environmental concerns were identified at the Property that do not rise to the level of a REC but are considered as business environmental risks (BERs). BERs are conditions that generally do not present a threat to human health or the environment and that generally would not be the subject of an enforcement action if brought to the attention of appropriate agencies; however, these conditions may have an environmentally driven impact on the business associated with the current or planned use of a parcel of commercial real estate. Roux identified the following BERs:

- Southgate Cleaners at 183 Southgate Avenue is a former dry cleaner facility, now H&R Block, and the site of an open investigation and remediation effort involving PCE impacts in soil vapor; and
- The Property is located in an area formerly used as agricultural land until approximately the 1950s. It is possible that residual impacts of pesticides may remain in shallow soil at the Property.

One data gap was identified as follows:

- Due to access issues, Roux could not enter and inspect the inside of the building. However, based on the review of Property history, this data gap is not likely to alter the findings of this Phase I ESA.

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9. Report Assumptions and Limitations

The Phase I ESA described herein was conducted by Roux in accordance with ASTM Standard Practice E1527-13, which is consistent with the regulatory requirements for conducting all appropriate inquiries (40 CFR Part 312, Standards and Practices for All Appropriate Inquiries; Final Rule[20]). The preamble for the AAI Rule states:

> *In today's final rule, EPA is referencing the standards and practices developed by ASTM International and known as Standard E1527-05 (entitled "Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process") and recognizing the E1527-05 standard as consistent with today's final rule. The Agency determined that this voluntary consensus standard is consistent with today's final rule and is compliant with the statutory criteria for all appropriate inquiries. Persons conducting all appropriate inquiries may use the procedures included in the ASTM E1527-05 standard to comply with today's final rule.*[21]

This AAI Rule was subsequently amended in 2013, as indicated in the following "Background":

> *With today's action, EPA is establishing that parties seeking liability relief under CERCLA's landowner liability protections, as well as recipients of brownfields grants for conducting site assessments, will be considered to have met the standards and practices for all appropriate inquiries, as set forth in the Brownfields Amendments to CERCLA and 40 CFR Part 312, if such parties follow the procedures provided in the ASTM E1527-13 "Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process." EPA made this determination based upon the Agency's finding that the ASTM E1527-13 standard is compliant with the All Appropriate Inquiries Rule. Therefore, parties conducting all appropriate inquiries may use the procedures in the newly issued ASTM E1527-13 standard when conducting all appropriate inquiries.*[22]

It is Roux understanding that this Phase I ESA was requested by the User so that the User may qualify for the innocent landowner, contiguous property owner, or bona fide prospective purchaser limitations on liability under the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA). One of the requirements that a person acquiring real property must meet in order to qualify for one of these limitations on liability under CERCLA is to perform all appropriate inquiries in conformance with the AAI Rule (or the ASTM Standard Practice E1527-13) prior to acquisition of the property. The User has acknowledged that, under the AAI Rule, Roux performance of the Phase I ESA described herein will not alone result in the User satisfying all of the requirements of the AAI Rule and provide a defense to CERCLA liability. Further, the User has acknowledged that the AAI Rule requires that certain additional inquiries be undertaken to satisfy the CERCLA AAI requirements. **ACCORDINGLY, ROUX MAKES NO GUARANTEES OR WARRANTIES, EXPRESSED OR IMPLIED, REGARDING THIS PHASE I ESA, INCLUDING WITHOUT LIMITATION, ANY WARRANTY THAT THIS PHASE I ESA WILL IN FACT QUALIFY USER FOR A DEFENSE TO CERCLA LIABILITY.**

Roux has performed this Phase I ESA in a professional manner using that degree of skill and care exercised for similar projects under similar conditions by reputable and competent environmental consultants. Professional judgments expressed herein are based on the facts currently available to Roux.

The AAI Rule requires, and the conclusions stated herein represent the application of a variety of engineering and technical disciplines to material facts and conditions associated with the Property. As such, these

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20 Final Rule and information available at www.epa.gov/swerosps/bf/regneg.htm#final_rule, and https://federalregister.gov/a/2013-31112.
21 Federal Register: November 1, 2005 (Volume 70, Number 210), page 66081.
22 Federal Register: December 30, 2013 (Volume 78, Number 250).

conclusions are based on subjective interpretations and the exercise of discretion. Many of these facts and conditions are subject to change over time. Accordingly, the conclusions must be considered within this context.

The User has agreed that Roux shall not be responsible for conditions or consequences arising from relevant facts that were concealed, withheld, or not fully disclosed at the time the Phase I ESA was performed. To the extent practicable, Roux has identified data gaps, and has evaluated the potential significance of such data gaps.

It should be noted that Roux has not collected any samples on the Property and is relying on information presented by others, often in preliminary, draft, or verbal form. By referencing this information, Roux does not accept responsibility for the accuracy of the underlying data or documentation.

This Phase I ESA Report should not be considered a legal interpretation of existing environmental laws and regulations. The Phase I ESA was conducted with a reasonable degree of inquiry to identify RECs, but uncertainty is not eliminated. No Phase I ESA can wholly eliminate uncertainty regarding the potential for RECs in connection with a property. The Phase I ESA process is intended to reduce, but not eliminate, the uncertainty involved with identifying RECs.

This Phase I ESA Report is not an appraisal or value judgment of the Property. The User has agreed that Roux shall not be liable for any use of the Phase I ESA Report as an appraisal or value judgment of the Property.

The Phase I ESA Report has been prepared for the exclusive use of the User for specific application to the Property. The User has agreed that any third-party use of this Phase I ESA Report is the User's sole responsibility and at the User's sole liability.

We declare that, to the best of my professional knowledge and belief, we meet the definition of Environmental Professional as defined in §312.10 of 40 CFR 312; and,

We have the specific qualifications based on education, training, and experience to assess a property of the nature, history, and setting of the subject property. We have developed and performed the all appropriate inquiries in conformance with the standards and practices set forth in 40 CFR 312.

Respectfully submitted,

ROUX ASSOCIATES, INC.



Emma Totsubo
Staff Engineer



Angela Liang Cutting, Ph.D., P.E.
Principal Engineer

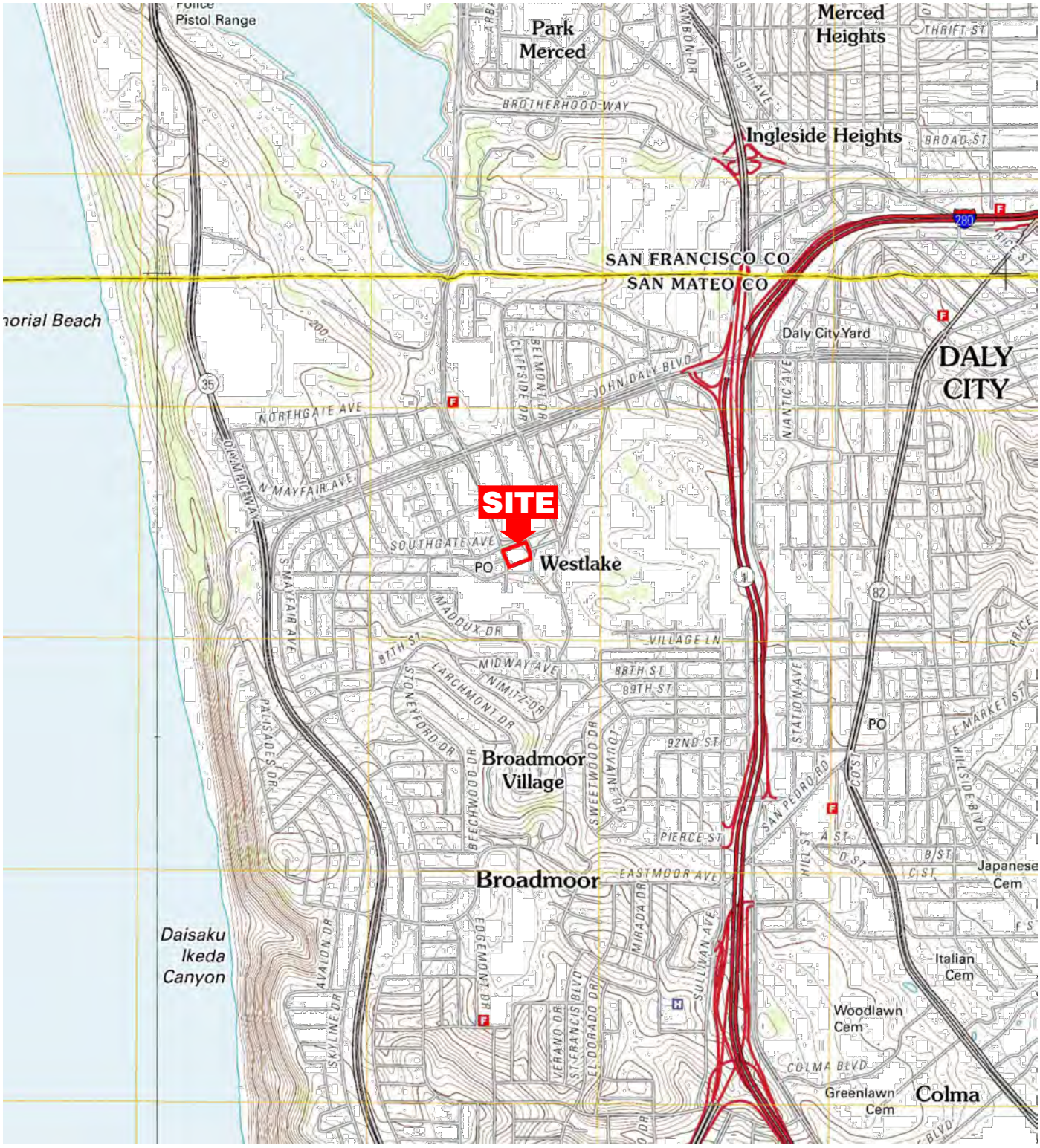
TABLES

All Tables are Embedded in the Text.

1. Public Records Request Summary
2. Surrounding Property Uses
3. Property History
4. Facilities of Potential Environmental Concern
5. Facilities of Potential Environmental Concern; <1/8 mile from Target Property

FIGURES

1. Site Location Map
2. Site Layout



SOURCE:
USGS; 2012, SAN FRANCISCO SOUTH, CA
USGS; 2012, SAN FRANCISCO SOUTH OE W, CA
7.5 MINUTE TOPOGRAPHIC QUADRANGLE

N

2000' 0 2000'

Title:

SITE LOCATION MAP

99 SOUTHGATE AVENUE
DALY CITY, CALIFORNIA 94015

Prepared for:

KIMCO WESTLAKE, L.P.

ROUX

Compiled by: E.T.	Date: 21JAN2021	FIGURE
Prepared by: E.T.	Scale: AS SHOWN	1
Project Mgr: A.C.	Project: 1247.0012S000	
File: KIMCO 99 SOUTHGATE.DWG		

S:\CLIENTS\KIMCO-WESTLAKE SHOPPING CENTER\2021 PHASE I FOR 99 SOUTHGATE\3-PHASE I ESA\FIGURES\KIMCO 99 SOUTHGATE.DWG



LEGEND

PROPERTY BOUNDARY

N

200' 0 200'

Title:

SITE LAYOUT

99 SOUTHGATE AVENUE
DALY CITY, CALIFORNIA 94015

Prepared for:

KIMCO WESTLAKE, L.P.

ROUX

Compiled by: E.T.	Date: 21JAN2021	FIGURE
Prepared by: E.T.	Scale: AS SHOWN	2
Project Mgr: A.C.	Project: 1247.0012S000	
File: KIMCO 99 SOUTHGATE.DWG		

S:\CLIENTS\KIMCO-WESTLAKE SHOPPING CENTER\2021 PHASE I FOR 99 SOUTHGATE\3-PHASE I ESA\FIGURES\KIMCO 99 SOUTHGATE.DWG

APPENDICES

A. EDR Radius Map with GeoCheck
B. U.S. Geological Survey Historical Topographic Maps
C. Historical Aerial Photographs
D. City Directory Abstract
E. Sanborn Fire Insurance Maps
F. Freedom of Information Act Document Requests and Responses
G. Site Photographs
H. User-Provided Documents
I. User Questionnaire

APPENDIX A

EDR Radius Map with GeoCheck

99 Southgate Avenue
99 Southgate Avenue
Daly City, CA 94015

Inquiry Number: 6333828.2s
January 19, 2021

The EDR Radius Map™ Report with GeoCheck®

6 Armstrong Road, 4th floor
Shelton, CT 06484
Toll Free: 800.352.0050
www.edrnet.com

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Thank you for your business.
Please contact EDR at 1-800-352-0050
with any questions or comments.

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EXECUTIVE SUMMARY

A search of available environmental records was conducted by Environmental Data Resources, Inc (EDR). The report was designed to assist parties seeking to meet the search requirements of EPA's Standards and Practices for All Appropriate Inquiries (40 CFR Part 312), the ASTM Standard Practice for Environmental Site Assessments (E 1527-13), the ASTM Standard Practice for Environmental Site Assessments for Forestland or Rural Property (E 2247-16), the ASTM Standard Practice for Limited Environmental Due Diligence: Transaction Screen Process (E 1528-14) or custom requirements developed for the evaluation of environmental risk associated with a parcel of real estate.

TARGET PROPERTY INFORMATION

ADDRESS

99 SOUTHGATE AVENUE
DALY CITY, CA 94015

COORDINATES

Latitude (North):	37.6974240 - 37° 41' 50.72''
Longitude (West):	122.4822610 - 122° 28' 56.13''
Universal Tranverse Mercator:	Zone 10
UTM X (Meters):	545643.5
UTM Y (Meters):	4172165.5
Elevation:	102 ft. above sea level

USGS TOPOGRAPHIC MAP ASSOCIATED WITH TARGET PROPERTY

Target Property Map:	5641126 SAN FRANCISCO SOUTH, CA
Version Date:	2012
West Map:	5640630 SAN FRANCISCO SOUTH OE W, CA
Version Date:	2012

AERIAL PHOTOGRAPHY IN THIS REPORT

Portions of Photo from:	20140613, 20140608
Source:	USDA

MAPPED SITES SUMMARY

Target Property Address:
99 SOUTHGATE AVENUE
DALY CITY, CA 94015

Click on Map ID to see full detail.

MAP ID	SITE NAME	ADDRESS	DATABASE ACRONYMS	RELATIVE ELEVATION	DIST (ft. & mi.) DIRECTION
A1	BURLINGTON STORE # 1	99 SOUTHGATE AVE	RCRA NonGen / NLR		TP
A2	BURLINGTON STORE # 1	99 SOUTHGATE AVE	FINDS, ECHO		TP
A3	BURLINGTON STORE #18	99 SOUTHGATE	San Mateo Co. BI		TP
A4	1X WESTLAKE DEVELOPM	99 SOUTHGATE AVENUE	HAZNET, HWTS		TP
A5	BURLINGTON STORE #18	99 SOUTHGATE AVE	CERS HAZ WASTE		TP
A6	BURLINGTON STORE # 1	99 SOUTHGATE AVE	HAZNET, HWTS		TP
A7	WESTLAKE VILLAGE APT	2 CORONADO AVE	RCRA NonGen / NLR	Higher	69, 0.013, SSE
A8	WESTLAKE VILLAGE APT	8 CORONADO AVE	RCRA NonGen / NLR	Higher	74, 0.014, South
B9	WESTLAKE VILLAGE SHO	75 SOUTHGATE AVE	RCRA NonGen / NLR	Lower	93, 0.018, NE
B10	WESTLAKE SHOPPING CE	75 SOUTHGATE	San Mateo Co. BI	Lower	93, 0.018, NE
C11	BP WEST COAST PRODUC	151 SOUTHGATE AVE	HIST UST, HAZNET, HWTS	Higher	113, 0.021, West
C12	ARCO	151 SOUTHGATE	CHMIRS, HIST CORTESE	Higher	113, 0.021, West
C13	BP WEST COAST PRODUC	151 SOUTHGATE AVE	RCRA NonGen / NLR	Higher	113, 0.021, West
C14	MONTE MIKE	151 SOUTHGATE AVE	EDR Hist Auto	Higher	113, 0.021, West
C15	ARCO 00465	151 SOUTHGATE AVE	UST	Higher	113, 0.021, West
C16	WESTLAKE ARCO SERVIC	151 SOUTHGATE AVE	RCRA NonGen / NLR	Higher	113, 0.021, West
C17	ARCO FACILITY #0465	151 S GATE AVE	SWEEPS UST, HIST UST, CA FID UST	Higher	113, 0.021, West
C18	ARCO 00465	151 SOUTHGATE AVE	CERS HAZ WASTE, CERS TANKS, CERS	Higher	113, 0.021, West
C19	ARCO 0465	151 SOUTHGATE	LUST, Cortese, CERS	Higher	113, 0.021, West
C20	ARCO 00465	151 SOUTHGATE	San Mateo Co. BI	Higher	113, 0.021, West
B21	WESTLAKE SHOPPING CE	15 SOUTHGATE	San Mateo Co. BI	Lower	183, 0.035, NE
B22	WESTLAKE SHOPPING CE	15 SOUTHGATE AVE 2ND	CERS HAZ WASTE, CERS	Lower	183, 0.035, NE
C23	WESTLAKE VILLAGE APT	150 CORONADO AVE	RCRA NonGen / NLR	Higher	193, 0.037, SW
D24	WESTLAKE VILLAGE APA	5 CORONADO AVE	RCRA NonGen / NLR	Higher	195, 0.037, South
B25	WEST BAY HOME HEALTH	45 SOUTHGATE	San Mateo Co. BI	Lower	210, 0.040, NE
D26	WESTLAKE VILLAGE APT	655 LAKE MERCED BLVD	RCRA NonGen / NLR	Higher	252, 0.048, SSW
D27	WESTLAKE VILLAGE APT	300 PALMCREST DR	RCRA NonGen / NLR	Higher	272, 0.052, SE
E28	WESTLAKE VILLAGE APT	125 CORONADO AVE	RCRA NonGen / NLR	Higher	274, 0.052, SW
E29	WESTLAKE VILLAGE APT	200 CORONADO AVE	RCRA NonGen / NLR	Higher	387, 0.073, WSW
30	PG&E WESTLAKE SUBSTA	PARK PLAZA & FAIRWAY	AST	Higher	435, 0.082, ENE
E31	WESTLAKE VILLAGE APT	225 CORONADO AVE	RCRA NonGen / NLR	Higher	465, 0.088, SW
F32	SOUTHGATE CLEANERS	183 SOUTHGATE AVE	RCRA-SQG, LUST, CPS-SLIC, FINDS, ECHO, San Mateo...	Higher	491, 0.093, West
F33	SOUTHGATE CLEANERS	183 SOUTHGATE AVE	EDR Hist Cleaner	Higher	491, 0.093, West
F34	YAMAT, LIBRADA DDS	187 SOUTHGATE	San Mateo Co. BI	Higher	497, 0.094, West
35	WESTLAKE VILLAGE APT	405 PALMCREST DR	RCRA NonGen / NLR	Higher	528, 0.100, SE
F36	DALY CITY CLINIC	219 SOUTHGATE	San Mateo Co. BI	Higher	552, 0.105, West
37	CITY OF DALY CITY	295 CORONADO AVENUE	San Mateo Co. BI, EMI, CERS	Higher	632, 0.120, SW
F38	WESTLAKE VILLAGE APT	325 CORONADO AVE	RCRA NonGen / NLR	Higher	654, 0.124, WSW
G39	THE HOME DEPOT STORE	303 E LAKE MERCED BL	CERS HAZ WASTE, EMI, CERS	Lower	683, 0.129, NNW

MAPPED SITES SUMMARY

Target Property Address:
99 SOUTHGATE AVENUE
DALY CITY, CA 94015

Click on Map ID to see full detail.

MAP ID	SITE NAME	ADDRESS	DATABASE ACRONYMS	RELATIVE ELEVATION	DIST (ft. & mi.) DIRECTION
G40	THE HOME DEPOT STORE	303 LAKE MERCED	San Mateo Co. BI	Lower	683, 0.129, NNW
F41	WESTLAKE VILLAGE APT	335 CORONADO AVE	RCRA NonGen / NLR	Higher	692, 0.131, WSW
H42	VERIZON WIRELESS WES	251 WESTLAKE	San Mateo Co. BI	Lower	765, 0.145, North
G43	AT & T MOBILITY	285 LAKE MERCED	San Mateo Co. BI	Lower	788, 0.149, NNW
G44	PENINSULA DENTAL CEN	283 LAKE MERCED	San Mateo Co. BI	Lower	799, 0.151, NNW
I45	WESTLAKE VILLAGE APT	355 SOUTHGATE AVE	RCRA NonGen / NLR	Higher	855, 0.162, West
H46	HOME DEPOT NO HD 109	700 WESTLAKE CENTER	RCRA-SQG, FINDS	Lower	857, 0.162, North
H47	PANDA EXPRESS #2212	701 WESTLAKE	San Mateo Co. BI	Lower	859, 0.163, North
I48	DANIEL SALVEMINI	180 WINDSOR DR	RCRA NonGen / NLR	Higher	865, 0.164, West
H49	SAFEWAY 3031	601 WESTLAKE	San Mateo Co. BI	Lower	869, 0.165, North
H50	SAFEWAY 3031	601 WESTLAKE CTR	CERS HAZ WASTE, CERS	Lower	869, 0.165, North
H51	SAFEWAY STORE #3031	601 WESTLAKE CTR	RCRA NonGen / NLR	Lower	869, 0.165, North
H52	PETCO #5303	432 WESTLAKE	San Mateo Co. BI	Lower	884, 0.167, North
H53	PETCO #5303	432 WESTLAKE CTR	CERS HAZ WASTE	Lower	884, 0.167, North
H54	PETCO STORE #5303	432 WESTLAKE CTR	RCRA NonGen / NLR	Lower	884, 0.167, North
H55	PENINSULA DENTAL CEN	406 WESTLAKE	San Mateo Co. BI	Lower	887, 0.168, North
H56	COST PLUS INC #6261	423 WESTLAKE CTR	RCRA NonGen / NLR	Lower	887, 0.168, North
H57	COST PLUS #6261	423 WESTLAKE	San Mateo Co. BI	Lower	887, 0.168, North
H58	TRADER JOE'S STORE #	417 WESTLAKE CTR	CERS HAZ WASTE, CERS	Lower	888, 0.168, North
H59	TRADER JOES 074	417 WESTLAKE CENTER	RCRA NonGen / NLR	Lower	888, 0.168, North
H60	TRADER JOE'S STORE #	417 WESTLAKE	San Mateo Co. BI	Lower	888, 0.168, North
H61	ROSS DRESS FOR LESS	405 WESTLAKE	San Mateo Co. BI	Lower	889, 0.168, North
H62	ROSS DRESS FOR LESS	405 WESTLAKE CTR	CERS HAZ WASTE, HAZNET, HWTS	Lower	889, 0.168, North
H63	ROSS DRESS FOR LESS	405 WESTLAKE CTR	RCRA NonGen / NLR	Lower	889, 0.168, North
H64	DALY CITY FAMILY DEN	341 WESTLAKE CENTER	San Mateo Co. BI	Lower	896, 0.170, North
H65	CALADRIUS HEALING CL	341 WESTLAKE CENTER	San Mateo Co. BI	Lower	896, 0.170, North
H66	WESTLAKE DENTAL CARE	341 WESTLAKE CENTER	San Mateo Co. BI	Lower	896, 0.170, North
H67	VILLASIN FAMILY DENT	341 WESTLAKE CENTER	San Mateo Co. BI	Lower	896, 0.170, North
H68	LUIS R KONG DDS	341 WESTLAKE CENTER	San Mateo Co. BI	Lower	896, 0.170, North
H69	WESTLAKE FRENCH CLEA	247 WESTLAKE CTR	DRYCLEANERS, HWTS	Lower	905, 0.171, North
H70	WALGREENS #0324	216 WESTLAKE CTR	RCRA NonGen / NLR	Lower	907, 0.172, North
H71	WALGREENS STORE #032	216 WESTLAKE CENTER	CERS HAZ WASTE, San Mateo Co. BI	Lower	907, 0.172, North
H72	WALGREENS STORE #324	216 WESTLAKE CTR	RCRA-VSQG	Lower	907, 0.172, North
H73	CHIPOTLE MEXICAN GRI	213 WESTLAKE	San Mateo Co. BI	Lower	908, 0.172, North
H74	NATIONS HAMBURGERS R	201 WESTLAKE CENTER	San Mateo Co. BI	Lower	909, 0.172, North
H75	ALLIED WASTE INDUSTR	120 WESTLAKE	AST	Lower	916, 0.173, North
H76	TJ MAXX 1112	100 WESTLAKE	San Mateo Co. BI	Lower	918, 0.174, North
H77	TARGET STORE T3353	100 WESTLAKE CENTER	RCRA-LQG	Lower	918, 0.174, North
H78	TARGET STORE T3353	100 WESTLAKE CTR	CERS HAZ WASTE	Lower	918, 0.174, North

MAPPED SITES SUMMARY

Target Property Address:
99 SOUTHGATE AVENUE
DALY CITY, CA 94015

Click on Map ID to see full detail.

MAP ID	SITE NAME	ADDRESS	DATABASE ACRONYMS	RELATIVE ELEVATION	DIST (ft. & mi.) DIRECTION
H79	SAFEWAY NO 3031	85 WESTLAKE MALL	RCRA-SQG, FINDS, ECHO	Lower	921, 0.174, North
H80	SAFEWAY STORE #3031	85 WESTLAKE CENTER	San Mateo Co. BI	Lower	921, 0.174, North
H81	SAFEWAY STORE #3031	85 WESTLAKE MALL	San Mateo Co. BI	Lower	921, 0.174, North
J82	BEN FRANKLIN SCHOOL	700 STEWART	San Mateo Co. BI	Higher	1042, 0.197, South
J83	BENJAMIN FRANKLIN IN	700 STEWART AVE	RCRA NonGen / NLR	Higher	1042, 0.197, South
J84	BENJAMIN FRANKLIN MI	700 STEWART	San Mateo Co. BI	Higher	1042, 0.197, South
85	WESTLAKE SHOPPING CE	245 LAKE MERCED BLVD	RCRA NonGen / NLR	Lower	1070, 0.203, NNW
86	PATRICK K YEE, D.D.S	48 PARK PLAZA	San Mateo Co. BI	Lower	1142, 0.216, North
K87	KENDALL SIMMONS	384 BELMAR AVENUE	RCRA NonGen / NLR	Higher	1168, 0.221, WNW
K88	STEVE NG	398 BELMAR AVE	RCRA NonGen / NLR	Higher	1225, 0.232, WNW
K89	NANCY UHARRIET	49 TERRACE AVE.	RCRA NonGen / NLR	Higher	1228, 0.233, WNW
90	BILL LEHEW	34 FAIRLAWN AVE	RCRA NonGen / NLR	Higher	1230, 0.233, West
91	NORMAN RAMION	68 PARKWOOD DRIVE	RCRA NonGen / NLR	Higher	1264, 0.239, NE
92	WESTLAKE FRENCH CLEA	3300 S MAY FAIR AVE	RCRA-SQG, LUST, CPS-SLIC, FINDS, ECHO, San Mateo...	Lower	1494, 0.283, North
L93	WESTLAKE CHEVRON	892 JOHN DALY BLVD	RCRA-SQG, LUST, FINDS, Cortese	Lower	1548, 0.293, NNW
L94	CHEVRON 9-6982	892 JOHN DALY	LUST, CHMIRS, HIST CORTESE, CERS	Lower	1548, 0.293, NNW
M95	NORTH SAN MATEO COUN	153 LAKE MERCED BOUL	LUST, CHMIRS, San Mateo Co. BI, ENF, HIST CORTESE,...	Lower	2294, 0.434, NNW
M96	DALY CITY WASTEWATER	153 LAKE MERCED	LUST, Cortese	Lower	2294, 0.434, NNW
M97	DALY CITY FIRE DEPT	151 LAKE MERCED	LUST, San Mateo Co. BI, Cortese, CERS	Lower	2315, 0.438, NNW
N98	CITY OF DALY CITY	333 E 87TH ST	LUST	Higher	2426, 0.459, SE
N99	CITY OF DALY CITY	0 87TH ST @ EDGEWORT	LUST, Cortese, CERS	Higher	2556, 0.484, SE
100	20011 JUNIPERO SERRA	2001 JUNIPERO SERRA	Notify 65	Higher	3489, 0.661, ENE
101	THORNTON BEACH		ENVIROSTOR	Higher	3942, 0.747, WSW
102	ARCO SERVICE STATION	295 WASHINGTON STREE	Notify 65	Higher	4444, 0.842, SE
103	THORNTON BEACH MILIT		FUDS	Lower	4538, 0.859, West
104	SF NIKE BATTERY 59		ENVIROSTOR	Lower	5083, 0.963, WNW
105	MUSSEL ROCK (J09CA08		ENVIROSTOR	Higher	5126, 0.971, SW

EXECUTIVE SUMMARY

TARGET PROPERTY SEARCH RESULTS

The target property was identified in the following records. For more information on this property see page 9 of the attached EDR Radius Map report:

Site	Database(s)	EPA ID
BURLINGTON STORE # 1 99 SOUTHGATE AVE DALY CITY, CA 94015	RCRA NonGen / NLR EPA ID:: CAL000403215	CAL000403215
BURLINGTON STORE # 1 99 SOUTHGATE AVE DALY CITY, CA 94015	FINDS Registry ID:: 110065957147 ECHO Registry ID: 110065957147	N/A
BURLINGTON STORE #18 99 SOUTHGATE DALY CITY, CA 94015	San Mateo Co. BI Facility Id: FA0057880	N/A
1X WESTLAKE DEVELOPM 99 SOUTHGATE AVENUE DALY CITY, CA 94015	HAZNET GEPAID: CAC000692032 HWTS	N/A
BURLINGTON STORE #18 99 SOUTHGATE AVE DALY CITY, CA 94015	CERS HAZ WASTE	N/A
BURLINGTON STORE # 1 99 SOUTHGATE AVE DALY CITY, CA 94015	HAZNET GEPAID: CAL000403215 HWTS	N/A

DATABASES WITH NO MAPPED SITES

No mapped sites were found in EDR's search of available ("reasonably ascertainable ") government records either on the target property or within the search radius around the target property for the following databases:

STANDARD ENVIRONMENTAL RECORDS

Federal NPL site list

NPL ---------- National Priority List

Proposed NPL ---------- Proposed National Priority List Sites
NPL LIENS ---------- Federal Superfund Liens

Federal Delisted NPL site list

Delisted NPL ---------- National Priority List Deletions

Federal CERCLIS list

FEDERAL FACILITY ---------- Federal Facility Site Information listing
SEMS ---------- Superfund Enterprise Management System

Federal CERCLIS NFRAP site list

SEMS-ARCHIVE ---------- Superfund Enterprise Management System Archive

Federal RCRA CORRACTS facilities list

CORRACTS ---------- Corrective Action Report

Federal RCRA non-CORRACTS TSD facilities list

RCRA-TSDF ---------- RCRA - Treatment, Storage and Disposal

Federal institutional controls / engineering controls registries

LUCIS ---------- Land Use Control Information System
US ENG CONTROLS ---------- Engineering Controls Sites List
US INST CONTROLS ---------- Institutional Controls Sites List

Federal ERNS list

ERNS ---------- Emergency Response Notification System

State- and tribal - equivalent NPL

RESPONSE ---------- State Response Sites

State and tribal landfill and/or solid waste disposal site lists

SWF/LF ---------- Solid Waste Information System

State and tribal leaking storage tank lists

INDIAN LUST ---------- Leaking Underground Storage Tanks on Indian Land

State and tribal registered storage tank lists

FEMA UST ---------- Underground Storage Tank Listing
INDIAN UST ---------- Underground Storage Tanks on Indian Land

State and tribal voluntary cleanup sites

INDIAN VCP ---------- Voluntary Cleanup Priority Listing
VCP ---------- Voluntary Cleanup Program Properties

EXECUTIVE SUMMARY

State and tribal Brownfields sites

BROWNFIELDS ---------- Considered Brownfieds Sites Listing

ADDITIONAL ENVIRONMENTAL RECORDS

Local Brownfield lists

US BROWNFIELDS ---------- A Listing of Brownfields Sites

Local Lists of Landfill / Solid Waste Disposal Sites

WMUDS/SWAT ---------- Waste Management Unit Database
SWRCY ---------- Recycler Database
HAULERS ---------- Registered Waste Tire Haulers Listing
INDIAN ODI ---------- Report on the Status of Open Dumps on Indian Lands
DEBRIS REGION 9 ---------- Torres Martinez Reservation Illegal Dump Site Locations
ODI ---------- Open Dump Inventory
IHS OPEN DUMPS ---------- Open Dumps on Indian Land

Local Lists of Hazardous waste / Contaminated Sites

US HIST CDL ---------- Delisted National Clandestine Laboratory Register
HIST Cal-Sites ---------- Historical Calsites Database
SCH ---------- School Property Evaluation Program
CDL ---------- Clandestine Drug Labs
Toxic Pits ---------- Toxic Pits Cleanup Act Sites
US CDL ---------- National Clandestine Laboratory Register
PFAS ---------- PFAS Contamination Site Location Listing

Local Land Records

LIENS ---------- Environmental Liens Listing
LIENS 2 ---------- CERCLA Lien Information
DEED ---------- Deed Restriction Listing

Records of Emergency Release Reports

HMIRS ---------- Hazardous Materials Information Reporting System
CHMIRS ---------- California Hazardous Material Incident Report System
LDS ---------- Land Disposal Sites Listing
MCS ---------- Military Cleanup Sites Listing
SPILLS 90 ---------- SPILLS 90 data from FirstSearch

Other Ascertainable Records

DOD ---------- Department of Defense Sites
SCRD DRYCLEANERS ---------- State Coalition for Remediation of Drycleaners Listing
US FIN ASSUR ---------- Financial Assurance Information
EPA WATCH LIST ---------- EPA WATCH LIST
2020 COR ACTION ---------- 2020 Corrective Action Program List
TSCA ---------- Toxic Substances Control Act
TRIS ---------- Toxic Chemical Release Inventory System

EXECUTIVE SUMMARY

SSTS	Section 7 Tracking Systems
ROD	Records Of Decision
RMP	Risk Management Plans
RAATS	RCRA Administrative Action Tracking System
PRP	Potentially Responsible Parties
PADS	PCB Activity Database System
ICIS	Integrated Compliance Information System
FTTS	FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)
MLTS	Material Licensing Tracking System
COAL ASH DOE	Steam-Electric Plant Operation Data
COAL ASH EPA	Coal Combustion Residues Surface Impoundments List
PCB TRANSFORMER	PCB Transformer Registration Database
RADINFO	Radiation Information Database
HIST FTTS	FIFRA/TSCA Tracking System Administrative Case Listing
DOT OPS	Incident and Accident Data
CONSENT	Superfund (CERCLA) Consent Decrees
INDIAN RESERV	Indian Reservations
FUSRAP	Formerly Utilized Sites Remedial Action Program
UMTRA	Uranium Mill Tailings Sites
LEAD SMELTERS	Lead Smelter Sites
US AIRS	Aerometric Information Retrieval System Facility Subsystem
US MINES	Mines Master Index File
ABANDONED MINES	Abandoned Mines
DOCKET HWC	Hazardous Waste Compliance Docket Listing
UXO	Unexploded Ordnance Sites
FUELS PROGRAM	EPA Fuels Program Registered Listing
CA BOND EXP. PLAN	Bond Expenditure Plan
CUPA Listings	CUPA Resources List
EMI	Emissions Inventory Data
ENF	Enforcement Action Listing
Financial Assurance	Financial Assurance Information Listing
ICE	ICE
HWP	EnviroStor Permitted Facilities Listing
HWT	Registered Hazardous Waste Transporter Database
MINES	Mines Site Location Listing
MWMP	Medical Waste Management Program Listing
NPDES	NPDES Permits Listing
PEST LIC	Pesticide Regulation Licenses Listing
PROC	Certified Processors Database
UIC	UIC Listing
UIC GEO	UIC GEO (GEOTRACKER)
WASTEWATER PITS	Oil Wastewater Pits Listing
WDS	Waste Discharge System
WIP	Well Investigation Program Case List
MILITARY PRIV SITES	MILITARY PRIV SITES (GEOTRACKER)
PROJECT	PROJECT (GEOTRACKER)
WDR	Waste Discharge Requirements Listing
CIWQS	California Integrated Water Quality System
CERS	CERS
NON-CASE INFO	NON-CASE INFO (GEOTRACKER)
OTHER OIL GAS	OTHER OIL & GAS (GEOTRACKER)
PROD WATER PONDS	PROD WATER PONDS (GEOTRACKER)
SAMPLING POINT	SAMPLING POINT (GEOTRACKER)
WELL STIM PROJ	Well Stimulation Project (GEOTRACKER)

MINES MRDS Mineral Resources Data System

EDR HIGH RISK HISTORICAL RECORDS

EDR Exclusive Records

EDR MGP EDR Proprietary Manufactured Gas Plants

EDR RECOVERED GOVERNMENT ARCHIVES

Exclusive Recovered Govt. Archives

RGA LF Recovered Government Archive Solid Waste Facilities List
RGA LUST Recovered Government Archive Leaking Underground Storage Tank

SURROUNDING SITES: SEARCH RESULTS

Surrounding sites were identified in the following databases.

Elevations have been determined from the USGS Digital Elevation Model and should be evaluated on a relative (not an absolute) basis. Relative elevation information between sites of close proximity should be field verified. Sites with an elevation equal to or higher than the target property have been differentiated below from sites with an elevation lower than the target property.
Page numbers and map identification numbers refer to the EDR Radius Map report where detailed data on individual sites can be reviewed.

Sites listed in ***bold italics*** are in multiple databases.

Unmappable (orphan) sites are not considered in the foregoing analysis.

STANDARD ENVIRONMENTAL RECORDS

Federal RCRA generators list

RCRA-LQG: RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Large quantity generators (LQGs) generate over 1,000 kilograms (kg) of hazardous waste, or over 1 kg of acutely hazardous waste per month.

A review of the RCRA-LQG list, as provided by EDR, and dated 12/14/2020 has revealed that there is 1 RCRA-LQG site within approximately 0.25 miles of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
TARGET STORE T3353 EPA ID:: CAR000304774	100 WESTLAKE CENTER	N 1/8 - 1/4 (0.174 mi.)	H77	298

RCRA-SQG: RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Small quantity generators (SQGs) generate between 100 kg and 1,000 kg of hazardous waste per month.

A review of the RCRA-SQG list, as provided by EDR, and dated 12/14/2020 has revealed that there are 3 RCRA-SQG sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
SOUTHGATE CLEANERS EPA ID:: CAD981635766	***183 SOUTHGATE AVE***	***W 0 - 1/8 (0.093 mi.)***	***F32***	***121***

Lower Elevation	Address	Direction / Distance	Map ID	Page
HOME DEPOT NO HD 109 EPA ID:: CAR000171637	***700 WESTLAKE CENTER***	***N 1/8 - 1/4 (0.162 mi.)***	***H46***	***219***
SAFEWAY NO 3031 EPA ID:: CA0000001784	***85 WESTLAKE MALL***	***N 1/8 - 1/4 (0.174 mi.)***	***H79***	***303***

RCRA-VSQG: RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Very small quantity generators (VSQGs) generate less than 100 kg of hazardous waste, or less than 1 kg of acutely hazardous waste per month.

A review of the RCRA-VSQG list, as provided by EDR, and dated 12/14/2020 has revealed that there is 1 RCRA-VSQG site within approximately 0.25 miles of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
WALGREENS STORE #324 EPA ID:: CAR000294488	216 WESTLAKE CTR	N 1/8 - 1/4 (0.172 mi.)	H72	293

State- and tribal - equivalent CERCLIS

ENVIROSTOR: The Department of Toxic Substances Control's (DTSC's) Site Mitigation and Brownfields Reuse Program's (SMBRP's) EnviroStor database identifes sites that have known contamination or sites for which there may be reasons to investigate further. The database includes the following site types: Federal Superfund sites (National Priorities List (NPL)); State Response, including Military Facilities and State Superfund; Voluntary Cleanup; and School sites. EnviroStor provides similar information to the information that was available in CalSites, and provides additional site information, including, but not limited to, identification of formerly-contaminated properties that have been released for reuse, properties where environmental deed restrictions have been recorded to prevent inappropriate land uses, and risk characterization information that is used to assess potential impacts to public health and the environment at contaminated sites.

A review of the ENVIROSTOR list, as provided by EDR, and dated 10/26/2020 has revealed that there are 3 ENVIROSTOR sites within approximately 1 mile of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
THORNTON BEACH Facility Id: 80000768 Status: No Further Action		WSW 1/2 - 1 (0.747 mi.)	101	414
MUSSEL ROCK (J09CA08 Facility Id: 80000592 Status: No Further Action		SW 1/2 - 1 (0.971 mi.)	105	418

Lower Elevation	Address	Direction / Distance	Map ID	Page
SF NIKE BATTERY 59 Facility Id: 80000677 Status: No Further Action		WNW 1/2 - 1 (0.963 mi.)	104	417

State and tribal leaking storage tank lists

LUST: Leaking Underground Storage Tank (LUST) Sites included in GeoTracker. GeoTracker is the Water Boards data management system for sites that impact, or have the potential to impact, water quality in California, with emphasis on groundwater.

A review of the LUST list, as provided by EDR, has revealed that there are 10 LUST sites within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
ARCO 0465 Database: SAN MATEO CO. LUST, Date of Government Version: 03/29/2019 Database: LUST REG 2, Date of Government Version: 09/30/2004 Database: LUST, Date of Government Version: 09/08/2020 Status: Open - Verification Monitoring Facility Status: Pollution Characterization Facility Id: 220033 Global Id: T0608100027 Global ID: T0608100027 Facility Status: 5C- Pollution Characterization	***151 SOUTHGATE***	***W 0 - 1/8 (0.021 mi.)***	***C19***	***69***
SOUTHGATE CLEANERS Database: SAN MATEO CO. LUST, Date of Government Version: 03/29/2019 Facility Id: 229067 Global ID: SL0608188850 Facility Status: 3B- Preliminary Assessment Underway	***183 SOUTHGATE AVE***	***W 0 - 1/8 (0.093 mi.)***	***F32***	***121***
CITY OF DALY CITY Database: SAN MATEO CO. LUST, Date of Government Version: 03/29/2019 Facility Id: 229048 Global ID: T0608153215 Facility Status: 9- Case Closed	333 E 87TH ST	SE 1/4 - 1/2 (0.459 mi.)	N98	411
CITY OF DALY CITY Database: LUST, Date of Government Version: 09/08/2020 Status: Completed - Case Closed Global Id: T0608153215	***0 87TH ST @ EDGEWORT***	***SE 1/4 - 1/2 (0.484 mi.)***	***N99***	***412***

Lower Elevation	Address	Direction / Distance	Map ID	Page
WESTLAKE FRENCH CLEA Database: SAN MATEO CO. LUST, Date of Government Version: 03/29/2019	***3300 S MAY FAIR AVE***	***N 1/4 - 1/2 (0.283 mi.)***	***92***	***326***

Facility Id: 229066
Global ID: SL0608106505
Facility Status: 3B- Preliminary Assessment Underway

WESTLAKE CHEVRON ***892 JOHN DALY BLVD*** ***NNW 1/4 - 1/2 (0.293 mi.)*** ***L93*** ***365***
Database: LUST REG 2, Date of Government Version: 09/30/2004
Facility Status: Pollution Characterization

CHEVRON 9-6982 ***892 JOHN DALY*** ***NNW 1/4 - 1/2 (0.293 mi.)*** ***L94*** ***369***
Database: SAN MATEO CO. LUST, Date of Government Version: 03/29/2019
Database: LUST, Date of Government Version: 09/08/2020
Status: Completed - Case Closed
Facility Id: 220028
Global Id: T0608100148
Global ID: T0608100148
Facility Status: 9- Case Closed

NORTH SAN MATEO COUN ***153 LAKE MERCED BOUL*** ***NNW 1/4 - 1/2 (0.434 mi.)*** ***M95*** ***380***
Database: SAN MATEO CO. LUST, Date of Government Version: 03/29/2019
Database: LUST, Date of Government Version: 09/08/2020
Status: Completed - Case Closed
Facility Id: 220029
Global Id: T0608100181
Global ID: T0608100181
Facility Status: 9- Case Closed

DALY CITY WASTEWATER ***153 LAKE MERCED*** ***NNW 1/4 - 1/2 (0.434 mi.)*** ***M96*** ***407***
Database: LUST REG 2, Date of Government Version: 09/30/2004
Facility Status: Post remedial action monitoring

DALY CITY FIRE DEPT ***151 LAKE MERCED*** ***NNW 1/4 - 1/2 (0.438 mi.)*** ***M97*** ***408***
Database: SAN MATEO CO. LUST, Date of Government Version: 03/29/2019
Database: LUST REG 2, Date of Government Version: 09/30/2004
Database: LUST, Date of Government Version: 09/08/2020
Status: Completed - Case Closed
Facility Status: Case Closed
Facility Id: 220044
Global Id: T0608192697
Global ID: T0608192697
date9: 9/25/2000
Facility Status: 9- Case Closed

CPS-SLIC: Cleanup Program Sites (CPS; also known as Site Cleanups [SC] and formerly known as Spills, Leaks, Investigations, and Cleanups [SLIC] sites) included in GeoTracker. GeoTracker is the Water Boards data management system for sites that impact, or have the potential to impact, water quality in California, with emphasis on groundwater.

A review of the CPS-SLIC list, as provided by EDR, has revealed that there are 2 CPS-SLIC sites within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
SOUTHGATE CLEANERS	***183 SOUTHGATE AVE***	***W 0 - 1/8 (0.093 mi.)***	***F32***	***121***

Database: CPS-SLIC, Date of Government Version: 09/08/2020
Facility Status: Open - Site Assessment
Global Id: SL0608188850

Lower Elevation	Address	Direction / Distance	Map ID	Page
WESTLAKE FRENCH CLEA	***3300 S MAY FAIR AVE***	***N 1/4 - 1/2 (0.283 mi.)***	***92***	***326***

Database: CPS-SLIC, Date of Government Version: 09/08/2020

Facility Status: Open - Site Assessment
Global Id: SL0608106505

State and tribal registered storage tank lists

UST: The Underground Storage Tank database contains registered USTs. USTs are regulated under Subtitle I of the Resource Conservation and Recovery Act (RCRA). The data come from the State Water Resources Control Board's Hazardous Substance Storage Container Database.

A review of the UST list, as provided by EDR, has revealed that there is 1 UST site within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
ARCO 00465	151 SOUTHGATE AVE	W 0 - 1/8 (0.021 mi.)	C15	50
Database: UST, Date of Government Version: 09/08/2020				
Facility Id: 41-000-017151				

AST: A listing of aboveground storage tank petroleum storage tank locations.

A review of the AST list, as provided by EDR, has revealed that there are 2 AST sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
PG&E WESTLAKE SUBSTA	PARK PLAZA & FAIRWAY	ENE 0 - 1/8 (0.082 mi.)	30	118
Database: AST, Date of Government Version: 07/06/2016				

Lower Elevation	Address	Direction / Distance	Map ID	Page
ALLIED WASTE INDUSTR	120 WESTLAKE	N 1/8 - 1/4 (0.173 mi.)	H75	297
Database: AST, Date of Government Version: 07/06/2016				

ADDITIONAL ENVIRONMENTAL RECORDS

Local Lists of Hazardous waste / Contaminated Sites

CERS HAZ WASTE: List of sites in the California Environmental Protection Agency (CalEPA) Regulated Site Portal which fall under the Hazardous Chemical Management, Hazardous Waste Onsite Treatment, Household Hazardous Waste Collection, Hazardous Waste Generator, and RCRA LQ HW Generator programs.

A review of the CERS HAZ WASTE list, as provided by EDR, and dated 10/19/2020 has revealed that there are 9 CERS HAZ WASTE sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
ARCO 00465	***151 SOUTHGATE AVE***	***W 0 - 1/8 (0.021 mi.)***	***C18***	***57***

Lower Elevation	Address	Direction / Distance	Map ID	Page
WESTLAKE SHOPPING CE	***15 SOUTHGATE AVE 2ND***	***NE 0 - 1/8 (0.035 mi.)***	***B22***	***93***

Lower Elevation	Address	Direction / Distance	Map ID	Page
THE HOME DEPOT STORE	***303 E LAKE MERCED BL***	***NNW 1/8 - 1/4 (0.129 mi.)***	***G39***	***198***
SAFEWAY 3031	***601 WESTLAKE CTR***	***N 1/8 - 1/4 (0.165 mi.)***	***H50***	***226***
PETCO #5303	432 WESTLAKE CTR	N 1/8 - 1/4 (0.167 mi.)	H53	236
TRADER JOE'S STORE #	***417 WESTLAKE CTR***	***N 1/8 - 1/4 (0.168 mi.)***	***H58***	***245***
ROSS DRESS FOR LESS	***405 WESTLAKE CTR***	***N 1/8 - 1/4 (0.168 mi.)***	***H62***	***255***
WALGREENS STORE #032	***216 WESTLAKE CENTER***	***N 1/8 - 1/4 (0.172 mi.)***	***H71***	***287***
TARGET STORE T3353	100 WESTLAKE CTR	N 1/8 - 1/4 (0.174 mi.)	H78	302

Local Lists of Registered Storage Tanks

SWEEPS UST: Statewide Environmental Evaluation and Planning System. This underground storage tank listing was updated and maintained by a company contacted by the SWRCB in the early 1990's. The listing is no longer updated or maintained. The local agency is the contact for more information on a site on the SWEEPS list.

A review of the SWEEPS UST list, as provided by EDR, and dated 06/01/1994 has revealed that there is 1 SWEEPS UST site within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
ARCO FACILITY #0465	***151 S GATE AVE***	***W 0 - 1/8 (0.021 mi.)***	***C17***	***53***
Status: A				
Tank Status: A				
Comp Number: 220034				

HIST UST: Historical UST Registered Database.

A review of the HIST UST list, as provided by EDR, and dated 10/15/1990 has revealed that there are 2 HIST UST sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
BP WEST COAST PRODUC	***151 SOUTHGATE AVE***	***W 0 - 1/8 (0.021 mi.)***	***C11***	***42***
Facility Id: 00000026925				
ARCO FACILITY #0465	***151 S GATE AVE***	***W 0 - 1/8 (0.021 mi.)***	***C17***	***53***

CA FID UST: The Facility Inventory Database contains active and inactive underground storage tank locations. The source is the State Water Resource Control Board.

A review of the CA FID UST list, as provided by EDR, and dated 10/31/1994 has revealed that there is 1 CA FID UST site within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
ARCO FACILITY #0465	***151 S GATE AVE***	***W 0 - 1/8 (0.021 mi.)***	***C17***	***53***
Facility Id: 41004837				
Status: A				

EXECUTIVE SUMMARY

CERS TANKS: List of sites in the California Environmental Protection Agency (CalEPA) Regulated Site Portal which fall under the Aboveground Petroleum Storage and Underground Storage Tank regulatory programs.

A review of the CERS TANKS list, as provided by EDR, and dated 10/19/2020 has revealed that there is 1 CERS TANKS site within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
ARCO 00465	***151 SOUTHGATE AVE***	***W 0 - 1/8 (0.021 mi.)***	***C18***	***57***

Other Ascertainable Records

RCRA NonGen / NLR: RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Non-Generators do not presently generate hazardous waste.

A review of the RCRA NonGen / NLR list, as provided by EDR, and dated 12/14/2020 has revealed that there are 30 RCRA NonGen / NLR sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
WESTLAKE VILLAGE APT EPA ID:: CAL000335712	2 CORONADO AVE	SSE 0 - 1/8 (0.013 mi.)	A7	34
WESTLAKE VILLAGE APT EPA ID:: CAL000335711	8 CORONADO AVE	S 0 - 1/8 (0.014 mi.)	A8	37
BP WEST COAST PRODUC EPA ID:: CAL000414886	151 SOUTHGATE AVE	W 0 - 1/8 (0.021 mi.)	C13	47
WESTLAKE ARCO SERVIC EPA ID:: CAL000081673	151 SOUTHGATE AVE	W 0 - 1/8 (0.021 mi.)	C16	51
WESTLAKE VILLAGE APT EPA ID:: CAL000335682	150 CORONADO AVE	SW 0 - 1/8 (0.037 mi.)	C23	102
WESTLAKE VILLAGE APA EPA ID:: CAL000335685	5 CORONADO AVE	S 0 - 1/8 (0.037 mi.)	D24	105
WESTLAKE VILLAGE APT EPA ID:: CAL000335648	655 LAKE MERCED BLVD	SSW 0 - 1/8 (0.048 mi.)	D26	108
WESTLAKE VILLAGE APT EPA ID:: CAL000335650	300 PALMCREST DR	SE 0 - 1/8 (0.052 mi.)	D27	110
WESTLAKE VILLAGE APT EPA ID:: CAL000335709	125 CORONADO AVE	SW 0 - 1/8 (0.052 mi.)	E28	113
WESTLAKE VILLAGE APT EPA ID:: CAL000335669	200 CORONADO AVE	WSW 0 - 1/8 (0.073 mi.)	E29	115
WESTLAKE VILLAGE APT EPA ID:: CAL000335668	225 CORONADO AVE	SW 0 - 1/8 (0.088 mi.)	E31	118
WESTLAKE VILLAGE APT EPA ID:: CAL000335643	405 PALMCREST DR	SE 0 - 1/8 (0.100 mi.)	35	181
WESTLAKE VILLAGE APT EPA ID:: CAL000335714	325 CORONADO AVE	WSW 0 - 1/8 (0.124 mi.)	F38	195
WESTLAKE VILLAGE APT	335 CORONADO AVE	WSW 1/8 - 1/4 (0.131 mi.)	F41	213

EPA ID:: CAL000335645				
WESTLAKE VILLAGE APT EPA ID:: CAL000335644	355 SOUTHGATE AVE	W 1/8 - 1/4 (0.162 mi.)	I45	217
DANIEL SALVEMINI EPA ID:: CAC002985605	180 WINDSOR DR	W 1/8 - 1/4 (0.164 mi.)	I48	223
BENJAMIN FRANKLIN IN	700 STEWART AVE	S 1/8 - 1/4 (0.197 mi.)	J83	307
KENDALL SIMMONS	384 BELMAR AVENUE	WNW 1/8 - 1/4 (0.221 mi.)	K87	313
STEVE NG EPA ID:: CAC002973820	398 BELMAR AVE	WNW 1/8 - 1/4 (0.232 mi.)	K88	316
NANCY UHARRIET EPA ID:: CAC002973048	49 TERRACE AVE.	WNW 1/8 - 1/4 (0.233 mi.)	K89	318
BILL LEHEW EPA ID:: CAC003054006	34 FAIRLAWN AVE	W 1/8 - 1/4 (0.233 mi.)	90	321
NORMAN RAMION EPA ID:: CAC002972059	68 PARKWOOD DRIVE	NE 1/8 - 1/4 (0.239 mi.)	91	323

Lower Elevation	Address	Direction / Distance	Map ID	Page
WESTLAKE VILLAGE SHO EPA ID:: CAL000363182	75 SOUTHGATE AVE	NE 0 - 1/8 (0.018 mi.)	B9	39
SAFEWAY STORE #3031 EPA ID:: CAL000376440	601 WESTLAKE CTR	N 1/8 - 1/4 (0.165 mi.)	H51	234
PETCO STORE #5303 EPA ID:: CAL000388311	432 WESTLAKE CTR	N 1/8 - 1/4 (0.167 mi.)	H54	239
COST PLUS INC #6261 EPA ID:: CAL000388090	423 WESTLAKE CTR	N 1/8 - 1/4 (0.168 mi.)	H56	242
TRADER JOES 074 EPA ID:: CAL000435423	417 WESTLAKE CENTER	N 1/8 - 1/4 (0.168 mi.)	H59	251
ROSS DRESS FOR LESS EPA ID:: CAL000397609	405 WESTLAKE CTR	N 1/8 - 1/4 (0.168 mi.)	H63	277
WALGREENS #0324 EPA ID:: CAL000324332	216 WESTLAKE CTR	N 1/8 - 1/4 (0.172 mi.)	H70	282
WESTLAKE SHOPPING CE EPA ID:: CAL000404056	245 LAKE MERCED BLVD	NNW 1/8 - 1/4 (0.203 mi.)	85	310

FUDS: The Listing includes locations of Formerly Used Defense Sites Properties where the US Army Corps Of Engineers is actively working or will take necessary cleanup actions.

A review of the FUDS list, as provided by EDR, and dated 08/05/2020 has revealed that there is 1 FUDS site within approximately 1 mile of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
THORNTON BEACH MILIT		W 1/2 - 1 (0.859 mi.)	103	416

EXECUTIVE SUMMARY

Hazardous Materials Business Plan, Hazardous Waste Generator, Underground Storage tanks

A review of the San Mateo Co. BI list, as provided by EDR, and dated 02/20/2020 has revealed that there are 33 San Mateo Co. BI sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
ARCO 00465 Facility Id: FA0017151	151 SOUTHGATE	W 0 - 1/8 (0.021 mi.)	C20	92
SOUTHGATE CLEANERS Facility Id: FA0017185	***183 SOUTHGATE AVE***	***W 0 - 1/8 (0.093 mi.)***	***F32***	***121***
YAMAT, LIBRADA DDS Facility Id: FA0026288	187 SOUTHGATE	W 0 - 1/8 (0.094 mi.)	F34	181
DALY CITY CLINIC Facility Id: FA0025910	219 SOUTHGATE	W 0 - 1/8 (0.105 mi.)	F36	184
CITY OF DALY CITY Facility Id: FA0028620	***295 CORONADO AVENUE***	***SW 0 - 1/8 (0.120 mi.)***	***37***	***184***
BEN FRANKLIN SCHOOL Facility Id: FA0026590	700 STEWART	S 1/8 - 1/4 (0.197 mi.)	J82	307
BENJAMIN FRANKLIN MI Facility Id: FA0025418	700 STEWART	S 1/8 - 1/4 (0.197 mi.)	J84	310

Lower Elevation	Address	Direction / Distance	Map ID	Page
WESTLAKE SHOPPING CE Facility Id: FA0028088	75 SOUTHGATE	NE 0 - 1/8 (0.018 mi.)	B10	42
WESTLAKE SHOPPING CE Facility Id: FA0054888	15 SOUTHGATE	NE 0 - 1/8 (0.035 mi.)	B21	93
WEST BAY HOME HEALTH Facility Id: FA0034357	45 SOUTHGATE	NE 0 - 1/8 (0.040 mi.)	B25	107
THE HOME DEPOT STORE Facility Id: FA0029702	303 LAKE MERCED	NNW 1/8 - 1/4 (0.129 mi.)	G40	212
VERIZON WIRELESS WES Facility Id: FA0058054	251 WESTLAKE	N 1/8 - 1/4 (0.145 mi.)	H42	215
AT & T MOBILITY Facility Id: FA0023573 Facility Id: FA0028898	285 LAKE MERCED	NNW 1/8 - 1/4 (0.149 mi.)	G43	216
PENINSULA DENTAL CEN Facility Id: FA0026437	283 LAKE MERCED	NNW 1/8 - 1/4 (0.151 mi.)	G44	216
PANDA EXPRESS #2212 Facility Id: FA0052738	701 WESTLAKE	N 1/8 - 1/4 (0.163 mi.)	H47	223
SAFEWAY 3031 Facility Id: FA0051422	601 WESTLAKE	N 1/8 - 1/4 (0.165 mi.)	H49	226
PETCO #5303 Facility Id: FA0054740	432 WESTLAKE	N 1/8 - 1/4 (0.167 mi.)	H52	236
PENINSULA DENTAL CEN Facility Id: FA0035056	406 WESTLAKE	N 1/8 - 1/4 (0.168 mi.)	H55	242
COST PLUS #6261 Facility Id: FA0028530	423 WESTLAKE	N 1/8 - 1/4 (0.168 mi.)	H57	245
TRADER JOE'S STORE #	417 WESTLAKE	N 1/8 - 1/4 (0.168 mi.)	H60	254

Facility Id: FA0028275				
ROSS DRESS FOR LESS Facility Id: FA0044797	405 WESTLAKE	N 1/8 - 1/4 (0.168 mi.)	H61	254
DALY CITY FAMILY DEN Facility Id: FA0053265	341 WESTLAKE CENTER	N 1/8 - 1/4 (0.170 mi.)	H64	279
CALADRIUS HEALING CL Facility Id: FA0052781	341 WESTLAKE CENTER	N 1/8 - 1/4 (0.170 mi.)	H65	280
WESTLAKE DENTAL CARE Facility Id: FA0053264	341 WESTLAKE CENTER	N 1/8 - 1/4 (0.170 mi.)	H66	280
VILLASIN FAMILY DENT Facility Id: FA0053266	341 WESTLAKE CENTER	N 1/8 - 1/4 (0.170 mi.)	H67	280
LUIS R KONG DDS Facility Id: FA0054542	341 WESTLAKE CENTER	N 1/8 - 1/4 (0.170 mi.)	H68	281
WALGREENS STORE #032 Facility Id: FA0026783	***216 WESTLAKE CENTER***	***N 1/8 - 1/4 (0.172 mi.)***	***H71***	***287***
CHIPOTLE MEXICAN GRI Facility Id: FA0035251	213 WESTLAKE	N 1/8 - 1/4 (0.172 mi.)	H73	296
NATIONS HAMBURGERS R Facility Id: FA0052553	201 WESTLAKE CENTER	N 1/8 - 1/4 (0.172 mi.)	H74	297
TJ MAXX 1112 Facility Id: FA0055408	100 WESTLAKE	N 1/8 - 1/4 (0.174 mi.)	H76	298
SAFEWAY STORE #3031 Facility Id: FA0023433	85 WESTLAKE CENTER	N 1/8 - 1/4 (0.174 mi.)	H80	306
SAFEWAY STORE #3031 Facility Id: FA0000690	85 WESTLAKE MALL	N 1/8 - 1/4 (0.174 mi.)	H81	307
PATRICK K YEE, D.D.S Facility Id: FA0026398	48 PARK PLAZA	N 1/8 - 1/4 (0.216 mi.)	86	313

Cortese: The sites for the list are designated by the State Water Resource Control Board (LUST), the Integrated Waste Board (SWF/LS), and the Department of Toxic Substances Control (Cal-Sites).

A review of the Cortese list, as provided by EDR, and dated 06/22/2020 has revealed that there are 5 Cortese sites within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
ARCO 0465 Cleanup Status: OPEN - VERIFICATION MONITORING	***151 SOUTHGATE***	***W 0 - 1/8 (0.021 mi.)***	***C19***	***69***
CITY OF DALY CITY Cleanup Status: COMPLETED - CASE CLOSED	***0 87TH ST @ EDGEWORT***	***SE 1/4 - 1/2 (0.484 mi.)***	***N99***	***412***

Lower Elevation	Address	Direction / Distance	Map ID	Page
WESTLAKE CHEVRON Cleanup Status: COMPLETED - CASE CLOSED	***892 JOHN DALY BLVD***	***NNW 1/4 - 1/2 (0.293 mi.)***	***L93***	***365***
DALY CITY WASTEWATER Cleanup Status: COMPLETED - CASE CLOSED	***153 LAKE MERCED***	***NNW 1/4 - 1/2 (0.434 mi.)***	***M96***	***407***
DALY CITY FIRE DEPT	***151 LAKE MERCED***	***NNW 1/4 - 1/2 (0.438 mi.)***	***M97***	***408***

Cleanup Status: COMPLETED - CASE CLOSED

DRYCLEANERS: A list of drycleaner related facilities that have EPA ID numbers. These are facilities with certain SIC codes: power laundries, family and commercial; garment pressing and cleaners' agents; linen supply; coin-operated laundries and cleaning; drycleaning plants except rugs; carpet and upholster cleaning; industrial launderers; laundry and garment services.

A review of the DRYCLEANERS list, as provided by EDR, has revealed that there are 2 DRYCLEANERS sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
SOUTHGATE CLEANERS	***183 SOUTHGATE AVE***	***W 0 - 1/8 (0.093 mi.)***	***F32***	***121***
Database: DRYCLEANERS, Date of Government Version: 08/06/2020 EPA Id: CAD981635766				

Lower Elevation	Address	Direction / Distance	Map ID	Page
WESTLAKE FRENCH CLEA	***247 WESTLAKE CTR***	***N 1/8 - 1/4 (0.171 mi.)***	***H69***	***281***
Database: DRYCLEANERS, Date of Government Version: 08/06/2020 EPA Id: CAL000313740				

HIST CORTESE: The sites for the list are designated by the State Water Resource Control Board [LUST], the Integrated Waste Board [SWF/LS], and the Department of Toxic Substances Control [CALSITES]. This listing is no longer updated by the state agency.

A review of the HIST CORTESE list, as provided by EDR, and dated 04/01/2001 has revealed that there are 3 HIST CORTESE sites within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
ARCO	***151 SOUTHGATE***	***W 0 - 1/8 (0.021 mi.)***	***C12***	***45***
Reg Id: 41-0028				

Lower Elevation	Address	Direction / Distance	Map ID	Page
CHEVRON 9-6982	***892 JOHN DALY***	***NNW 1/4 - 1/2 (0.293 mi.)***	***L94***	***369***
Reg Id: 41-0156				
NORTH SAN MATEO COUN	***153 LAKE MERCED BOUL***	***NNW 1/4 - 1/2 (0.434 mi.)***	***M95***	***380***
Reg Id: 41-0190				

Notify 65: Listings of all Proposition 65 incidents reported to counties by the State Water Resources Control Board and the Regional Water Quality Control Board. This database is no longer updated by the reporting agency.

A review of the Notify 65 list, as provided by EDR, and dated 12/07/2020 has revealed that there are 2 Notify 65 sites within approximately 1 mile of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
20011 JUNIPERO SERRA	2001 JUNIPERO SERRA	ENE 1/2 - 1 (0.661 mi.)	100	414
ARCO SERVICE STATION	295 WASHINGTON STREE	SE 1/2 - 1 (0.842 mi.)	102	415

EXECUTIVE SUMMARY

EDR HIGH RISK HISTORICAL RECORDS

EDR Exclusive Records

EDR Hist Auto: EDR has searched selected national collections of business directories and has collected listings of potential gas station/filling station/service station sites that were available to EDR researchers. EDR's review was limited to those categories of sources that might, in EDR's opinion, include gas station/filling station/service station establishments. The categories reviewed included, but were not limited to gas, gas station, gasoline station, filling station, auto, automobile repair, auto service station, service station, etc. This database falls within a category of information EDR classifies as "High Risk Historical Records", or HRHR. EDR's HRHR effort presents unique and sometimes proprietary data about past sites and operations that typically create environmental concerns, but may not show up in current government records searches.

A review of the EDR Hist Auto list, as provided by EDR, has revealed that there is 1 EDR Hist Auto site within approximately 0.125 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
MONTE MIKE	151 SOUTHGATE AVE	W 0 - 1/8 (0.021 mi.)	C14	49

EDR Hist Cleaner: EDR has searched selected national collections of business directories and has collected listings of potential dry cleaner sites that were available to EDR researchers. EDR's review was limited to those categories of sources that might, in EDR's opinion, include dry cleaning establishments. The categories reviewed included, but were not limited to dry cleaners, cleaners, laundry, laundromat, cleaning/laundry, wash & dry etc. This database falls within a category of information EDR classifies as "High Risk Historical Records", or HRHR. EDR's HRHR effort presents unique and sometimes proprietary data about past sites and operations that typically create environmental concerns, but may not show up in current government records searches.

A review of the EDR Hist Cleaner list, as provided by EDR, has revealed that there is 1 EDR Hist Cleaner site within approximately 0.125 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
SOUTHGATE CLEANERS	183 SOUTHGATE AVE	W 0 - 1/8 (0.093 mi.)	F33	180

EXECUTIVE SUMMARY

There were no unmapped sites in this report.

OVERVIEW MAP - 6333828.2S



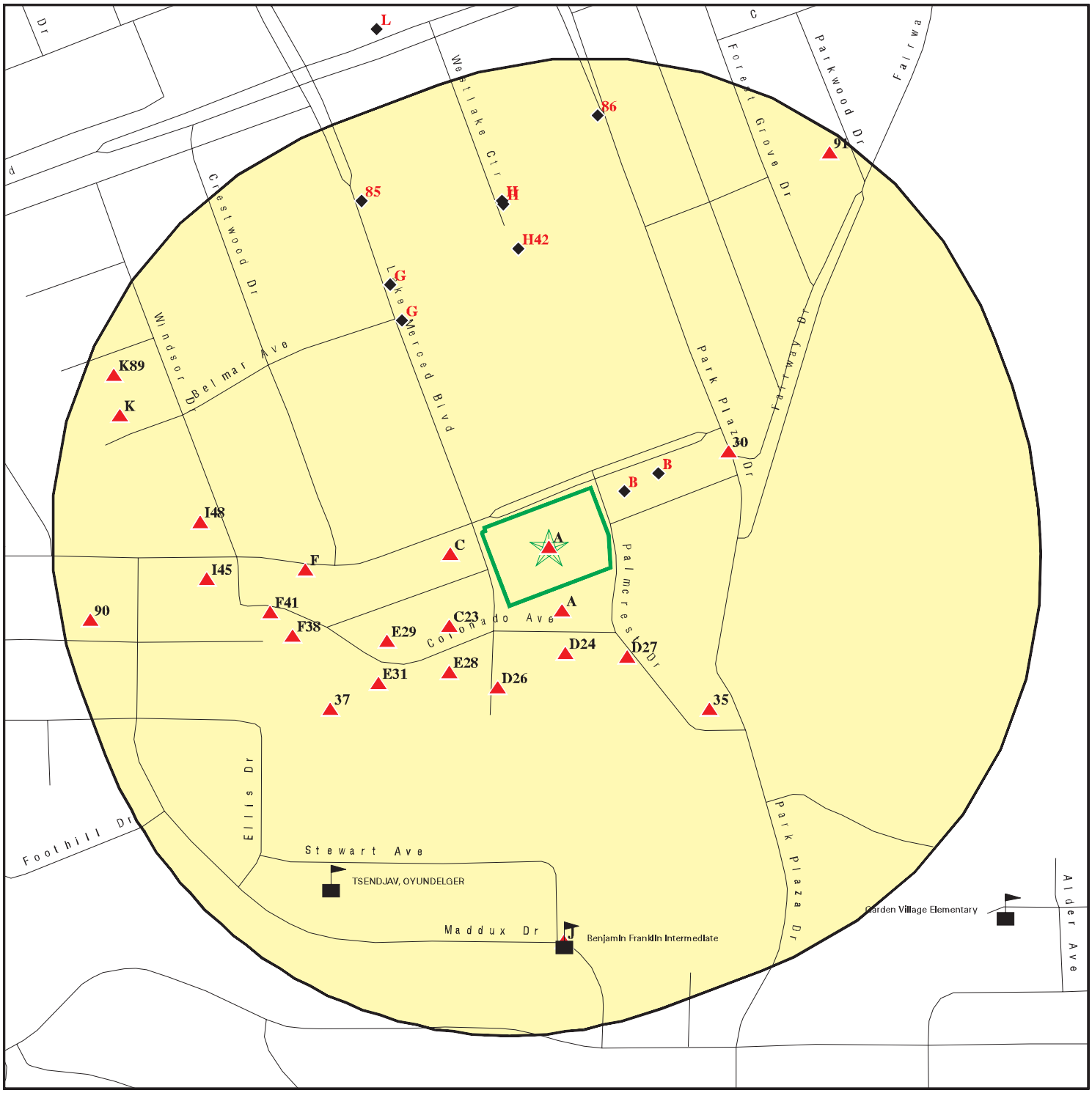
- Target Property
- Sites at elevations higher than or equal to the target property
- Sites at elevations lower than the target property
- Manufactured Gas Plants
- National Priority List Sites
- Dept. Defense Sites
- Indian Reservations BIA
- County Boundary
- Special Flood Hazard Area (1%)
- 0.2% Annual Chance Flood Hazard
- National Wetland Inventory
- State Wetlands
- Areas of Concern

This report includes Interactive Map Layers to display and/or hide map information. The legend includes only those icons for the default map view.

SITE NAME: 99 Southgate Avenue	CLIENT: Roux Associates Inc
ADDRESS: 99 Southgate Avenue Daly City CA 94015	CONTACT: Emma Totsubo
LAT/LONG: 37.697424 / 122.482261	INQUIRY #: 6333828.2s DATE: January 19, 2021 10:16 am

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DETAIL MAP - 6333828.2S



Target Property

Sites at elevations higher than or equal to the target property

Sites at elevations lower than the target property

Manufactured Gas Plants

Sensitive Receptors

National Priority List Sites

Dept. Defense Sites

0 1/16 1/8 1/4 Miles

Indian Reservations BIA

Special Flood Hazard Area (1%)

0.2% Annual Chance Flood Hazard

Areas of Concern

This report includes Interactive Map Layers to display and/or hide map information. The legend includes only those icons for the default map view.

SITE NAME: 99 Southgate Avenue ADDRESS: 99 Southgate Avenue Daly City CA 94015 LAT/LONG: 37.697424 / 122.482261	CLIENT: Roux Associates Inc CONTACT: Emma Totsubo INQUIRY #: 6333828.2s DATE: January 19, 2021 10:17 am

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MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
STANDARD ENVIRONMENTAL RECORDS								
Federal NPL site list								
NPL	1.000		0	0	0	0	NR	0
Proposed NPL	1.000		0	0	0	0	NR	0
NPL LIENS	1.000		0	0	0	0	NR	0
Federal Delisted NPL site list								
Delisted NPL	1.000		0	0	0	0	NR	0
Federal CERCLIS list								
FEDERAL FACILITY	0.500		0	0	0	NR	NR	0
SEMS	0.500		0	0	0	NR	NR	0
Federal CERCLIS NFRAP site list								
SEMS-ARCHIVE	0.500		0	0	0	NR	NR	0
Federal RCRA CORRACTS facilities list								
CORRACTS	1.000		0	0	0	0	NR	0
Federal RCRA non-CORRACTS TSD facilities list								
RCRA-TSDF	0.500		0	0	0	NR	NR	0
Federal RCRA generators list								
RCRA-LQG	0.250		0	1	NR	NR	NR	1
RCRA-SQG	0.250		1	2	NR	NR	NR	3
RCRA-VSQG	0.250		0	1	NR	NR	NR	1
Federal institutional controls / engineering controls registries								
LUCIS	0.500		0	0	0	NR	NR	0
US ENG CONTROLS	0.500		0	0	0	NR	NR	0
US INST CONTROLS	0.500		0	0	0	NR	NR	0
Federal ERNS list								
ERNS	0.001		0	NR	NR	NR	NR	0
State- and tribal - equivalent NPL								
RESPONSE	1.000		0	0	0	0	NR	0
State- and tribal - equivalent CERCLIS								
ENVIROSTOR	1.000		0	0	0	3	NR	3
State and tribal landfill and/or solid waste disposal site lists								
SWF/LF	0.500		0	0	0	NR	NR	0
State and tribal leaking storage tank lists								
LUST	0.500		2	0	8	NR	NR	10

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
INDIAN LUST	0.500		0	0	0	NR	NR	0
CPS-SLIC	0.500		1	0	1	NR	NR	2
State and tribal registered storage tank lists								
FEMA UST	0.250		0	0	NR	NR	NR	0
UST	0.250		1	0	NR	NR	NR	1
AST	0.250		1	1	NR	NR	NR	2
INDIAN UST	0.250		0	0	NR	NR	NR	0
State and tribal voluntary cleanup sites								
INDIAN VCP	0.500		0	0	0	NR	NR	0
VCP	0.500		0	0	0	NR	NR	0
State and tribal Brownfields sites								
BROWNFIELDS	0.500		0	0	0	NR	NR	0
ADDITIONAL ENVIRONMENTAL RECORDS								
Local Brownfield lists								
US BROWNFIELDS	0.500		0	0	0	NR	NR	0
Local Lists of Landfill / Solid Waste Disposal Sites								
WMUDS/SWAT	0.500		0	0	0	NR	NR	0
SWRCY	0.500		0	0	0	NR	NR	0
HAULERS	0.001		0	NR	NR	NR	NR	0
INDIAN ODI	0.500		0	0	0	NR	NR	0
DEBRIS REGION 9	0.500		0	0	0	NR	NR	0
ODI	0.500		0	0	0	NR	NR	0
IHS OPEN DUMPS	0.500		0	0	0	NR	NR	0
Local Lists of Hazardous waste / Contaminated Sites								
US HIST CDL	0.001		0	NR	NR	NR	NR	0
HIST Cal-Sites	1.000		0	0	0	0	NR	0
SCH	0.250		0	0	NR	NR	NR	0
CDL	0.001		0	NR	NR	NR	NR	0
CERS HAZ WASTE	0.250	1	2	7	NR	NR	NR	10
Toxic Pits	1.000		0	0	0	0	NR	0
US CDL	0.001		0	NR	NR	NR	NR	0
PFAS	0.500		0	0	0	NR	NR	0
Local Lists of Registered Storage Tanks								
SWEEPS UST	0.250		1	0	NR	NR	NR	1
HIST UST	0.250		2	0	NR	NR	NR	2
CA FID UST	0.250		1	0	NR	NR	NR	1
CERS TANKS	0.250		1	0	NR	NR	NR	1
Local Land Records								
LIENS	0.001		0	NR	NR	NR	NR	0

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
LIENS 2	0.001		0	NR	NR	NR	NR	0
DEED	0.500		0	0	0	NR	NR	0
Records of Emergency Release Reports								
HMIRS	0.001		0	NR	NR	NR	NR	0
CHMIRS	0.001		0	NR	NR	NR	NR	0
LDS	0.001		0	NR	NR	NR	NR	0
MCS	0.001		0	NR	NR	NR	NR	0
SPILLS 90	0.001		0	NR	NR	NR	NR	0
Other Ascertainable Records								
RCRA NonGen / NLR	0.250	1	14	16	NR	NR	NR	31
FUDS	1.000		0	0	0	1	NR	1
DOD	1.000		0	0	0	0	NR	0
SCRD DRYCLEANERS	0.500		0	0	0	NR	NR	0
US FIN ASSUR	0.001		0	NR	NR	NR	NR	0
EPA WATCH LIST	0.001		0	NR	NR	NR	NR	0
2020 COR ACTION	0.250		0	0	NR	NR	NR	0
TSCA	0.001		0	NR	NR	NR	NR	0
TRIS	0.001		0	NR	NR	NR	NR	0
SSTS	0.001		0	NR	NR	NR	NR	0
ROD	1.000		0	0	0	0	NR	0
RMP	0.001		0	NR	NR	NR	NR	0
RAATS	0.001		0	NR	NR	NR	NR	0
PRP	0.001		0	NR	NR	NR	NR	0
PADS	0.001		0	NR	NR	NR	NR	0
ICIS	0.001		0	NR	NR	NR	NR	0
FTTS	0.001		0	NR	NR	NR	NR	0
MLTS	0.001		0	NR	NR	NR	NR	0
COAL ASH DOE	0.001		0	NR	NR	NR	NR	0
COAL ASH EPA	0.500		0	0	0	NR	NR	0
PCB TRANSFORMER	0.001		0	NR	NR	NR	NR	0
RADINFO	0.001		0	NR	NR	NR	NR	0
HIST FTTS	0.001		0	NR	NR	NR	NR	0
DOT OPS	0.001		0	NR	NR	NR	NR	0
CONSENT	1.000		0	0	0	0	NR	0
INDIAN RESERV	1.000		0	0	0	0	NR	0
FUSRAP	1.000		0	0	0	0	NR	0
UMTRA	0.500		0	0	0	NR	NR	0
LEAD SMELTERS	0.001		0	NR	NR	NR	NR	0
US AIRS	0.001		0	NR	NR	NR	NR	0
US MINES	0.250		0	0	NR	NR	NR	0
ABANDONED MINES	0.250		0	0	NR	NR	NR	0
FINDS	0.001	1	0	NR	NR	NR	NR	1
ECHO	0.001	1	0	NR	NR	NR	NR	1
DOCKET HWC	0.001		0	NR	NR	NR	NR	0
UXO	1.000		0	0	0	0	NR	0
FUELS PROGRAM	0.250		0	0	NR	NR	NR	0
CA BOND EXP. PLAN	1.000		0	0	0	0	NR	0
San Mateo Co. BI	0.250	1	8	25	NR	NR	NR	34
Cortese	0.500		1	0	4	NR	NR	5

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
CUPA Listings	0.250		0	0	NR	NR	NR	0
DRYCLEANERS	0.250		1	1	NR	NR	NR	2
EMI	0.001		0	NR	NR	NR	NR	0
ENF	0.001		0	NR	NR	NR	NR	0
Financial Assurance	0.001		0	NR	NR	NR	NR	0
HAZNET	0.001	2	0	NR	NR	NR	NR	2
ICE	0.001		0	NR	NR	NR	NR	0
HIST CORTESE	0.500		1	0	2	NR	NR	3
HWP	1.000		0	0	0	0	NR	0
HWT	0.250		0	0	NR	NR	NR	0
MINES	0.250		0	0	NR	NR	NR	0
MWMP	0.250		0	0	NR	NR	NR	0
NPDES	0.001		0	NR	NR	NR	NR	0
PEST LIC	0.001		0	NR	NR	NR	NR	0
PROC	0.500		0	0	0	NR	NR	0
Notify 65	1.000		0	0	0	2	NR	2
UIC	0.001		0	NR	NR	NR	NR	0
UIC GEO	0.001		0	NR	NR	NR	NR	0
WASTEWATER PITS	0.500		0	0	0	NR	NR	0
WDS	0.001		0	NR	NR	NR	NR	0
WIP	0.250		0	0	NR	NR	NR	0
MILITARY PRIV SITES	0.001		0	NR	NR	NR	NR	0
PROJECT	0.001		0	NR	NR	NR	NR	0
WDR	0.001		0	NR	NR	NR	NR	0
CIWQS	0.001		0	NR	NR	NR	NR	0
CERS	0.001		0	NR	NR	NR	NR	0
NON-CASE INFO	0.001		0	NR	NR	NR	NR	0
OTHER OIL GAS	0.001		0	NR	NR	NR	NR	0
PROD WATER PONDS	0.001		0	NR	NR	NR	NR	0
SAMPLING POINT	0.001		0	NR	NR	NR	NR	0
WELL STIM PROJ	0.001		0	NR	NR	NR	NR	0
MINES MRDS	0.001		0	NR	NR	NR	NR	0
HWTS	TP	2	NR	NR	NR	NR	NR	2
EDR HIGH RISK HISTORICAL RECORDS								
EDR Exclusive Records								
EDR MGP	1.000		0	0	0	0	NR	0
EDR Hist Auto	0.125		1	NR	NR	NR	NR	1
EDR Hist Cleaner	0.125		1	NR	NR	NR	NR	1
EDR RECOVERED GOVERNMENT ARCHIVES								
Exclusive Recovered Govt. Archives								
RGA LF	0.001		0	NR	NR	NR	NR	0
RGA LUST	0.001		0	NR	NR	NR	NR	0
- Totals --		9	40	54	15	6	0	124

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted

NOTES:

TP = Target Property

NR = Not Requested at this Search Distance

Sites may be listed in more than one database

A1 **BURLINGTON STORE # 182** **RCRA NonGen / NLR** **1024847940**
Target **99 SOUTHGATE AVE** **CAL000403215**
Property **DALY CITY, CA 94015**

Site 1 of 8 in cluster A

Actual: **102 ft.**

RCRA NonGen / NLR:

Date Form Received by Agency:		2014-12-24 00:00:00.0
Handler Name:	BURLINGTON STORE # 182	
Handler Address:		99 SOUTHGATE AVE
Handler City,State,Zip:		DALY CITY, CA 94015
EPA ID:		CAL000403215
Contact Name:		NANCY DENNION
Contact Address:		1830 ROUTE 130N
Contact City,State,Zip:		BURLINGTON, NJ 08016-3017
Contact Telephone:		609-387-7800
Contact Fax:		Not reported
Contact Email:		NANCY.DENNION@COAT.COM
Contact Title:		Not reported
EPA Region:		09
Land Type:		Not reported
Federal Waste Generator Description:		Not a generator, verified
Non-Notifier:		Not reported
Biennial Report Cycle:		Not reported
Accessibility:		Not reported
Active Site Indicator:		Handler Activities
State District Owner:		Not reported
State District:		Not reported
Mailing Address:		1830 ROUTE 130 N
Mailing City,State,Zip:		BURLINGTON ‘, NJ 08016-0000
Owner Name:		BURLINGTON COAT FACTORY
Owner Type:		Other
Operator Name:		NANCY DENNION
Operator Type:		Other
Short-Term Generator Activity:		No
Importer Activity:		No
Mixed Waste Generator:		No
Transporter Activity:		No
Transfer Facility Activity:		No
Recycler Activity with Storage:		No
Small Quantity On-Site Burner Exemption:		No
Smelting Melting and Refining Furnace Exemption:		No
Underground Injection Control:		No
Off-Site Waste Receipt:		No
Universal Waste Indicator:		Yes
Universal Waste Destination Facility:		Yes
Federal Universal Waste:		No
Active Site Fed-Reg Treatment Storage and Disposal Facility:		Not reported
Active Site Converter Treatment storage and Disposal Facility:		Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:		Not reported
Active Site State-Reg Handler:		---
Federal Facility Indicator:		Not reported
Hazardous Secondary Material Indicator:		N
Sub-Part K Indicator:		Not reported
Commercial TSD Indicator:		No
Treatment Storage and Disposal Type:		Not reported
2018 GPRA Permit Baseline:		Not on the Baseline
2018 GPRA Renewals Baseline:		Not on the Baseline
Permit Renewals Workload Universe:		Not reported

BURLINGTON STORE # 182 (Continued) **1024847940**

Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2018-09-06 17:05:31.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name:	BURLINGTON COAT FACTORY
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1830 ROUTE 130 N
Owner/Operator City,State,Zip:	BURLINGTON, NJ 08016-3017
Owner/Operator Telephone:	609-387-7800
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	NANCY DENNION
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1830 ROUTE 130N
Owner/Operator City,State,Zip:	BURLINGTON, NJ 08016-3017
Owner/Operator Telephone:	609-387-7800
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

BURLINGTON STORE # 182 (Continued) **1024847940**

Historic Generators:
Receive Date: 2014-12-24 00:00:00.0
Handler Name: BURLINGTON STORE # 182
Federal Waste Generator Description: Not a generator, verified
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:
NAICS Code: 45211
NAICS Description: DEPARTMENT STORES

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

A2 **BURLINGTON STORE # 182** **FINDS 1023303415**
Target **99 SOUTHGATE AVE** **ECHO N/A**
Property **DALY CITY, CA 94015**

Site 2 of 8 in cluster A

Actual:
102 ft.

FINDS:
Registry ID: 110065957147

Click Here:

Environmental Interest/Information System:
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.
STATE MASTER

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:
Envid: 1023303415
Registry ID: 110065957147
DFR URL: http://echo.epa.gov/detailed-facility-report?fid=110065957147
Name: BURLINGTON STORE # 182
Address: 99 SOUTHGATE AVE
City,State,Zip: DALY CITY, CA 94015

A3 **BURLINGTON STORE #182** **San Mateo Co. BI** **S117976181**
Target **99 SOUTHGATE** **N/A**
Property **DALY CITY, CA 94015**

Site 3 of 8 in cluster A

Actual: **102 ft.**

San Mateo Co. BI:

Name:	BURLINGTON STORE #182
Address:	99 SOUTHGATE
City,State,Zip:	DALY CITY, CA 94015
Region:	SAN MATEO
Facility ID:	FA0057880
Prog Element Code:	GENERATES <27 GAL/YEAR
Record Id:	PR0080302
Description:	GENERATES <27 GAL/YEAR
Facility Status:	Active, billable
Program Category:	HAZARDOUS WASTE PROGRAM

A4 **1X WESTLAKE DEVELOPMENT COMPANY_INC** **HAZNET** **S123744850**
Target **99 SOUTHGATE AVENUE** **HWTS** **N/A**
Property **DALY CITY, CA 94015**

Site 4 of 8 in cluster A

Actual: **102 ft.**

HAZNET:

Name:	1X WESTLAKE DEVELOPMENT COMPANY_INC
Address:	99 SOUTHGATE AVENUE
Address 2:	Not reported
City,State,Zip:	DALY CITY, CA 940150000
Contact:	FRANK OLDRICH/EXECUTIVE ASST
Telephone:	4155791010
Mailing Name:	Not reported
Mailing Address:	520 EL CAMINO REAL
Year:	1992
Gepaid:	CAC000692032
TSD EPA ID:	CAD990794103
CA Waste Code:	151 - Asbestos containing waste
Disposal Method:	03 -
Tons:	12.642
Year:	1992
Gepaid:	CAC000692032
TSD EPA ID:	CAD990794133
CA Waste Code:	151 - Asbestos containing waste
Disposal Method:	D80 - Disposal, Land Fill
Tons:	21.07

HWTS:

Name:	1X WESTLAKE DEVELOPMENT COMPANY_INC
Address:	99 SOUTHGATE AVENUE
Address 2:	Not reported
City,State,Zip:	DALY CITY, CA 940150000
EPA ID:	CAC000692032
Inactive Date:	10/25/2000
Create Date:	05/22/1992
Last Act Date:	10/25/2000
Mailing Name:	Not reported

1X WESTLAKE DEVELOPMENT COMPANY_INC (Continued) **S123744850**

Mailing Address:	520 EL CAMINO REAL
Mailing Address 2:	Not reported
Mailing City,State,Zip:	SAN MATEO, CA 944020000
Owner Name:	CORPORATION
Owner Address:	--
Owner Address 2:	Not reported
Owner City,State,Zip:	--, 99 --
Contact Name:	FRANK OLDRICH/EXECUTIVE ASST
Contact Address:	--
Contact Address 2:	Not reported
City,State,Zip:	--, 99 --

A5 **BURLINGTON STORE #182** **CERS HAZ WASTE** **S121758240**
Target **99 SOUTHGATE AVE** **N/A**
Property **DALY CITY, CA 94015**

Site 5 of 8 in cluster A

Actual:
102 ft.

CERS HAZ WASTE:

Name:	BURLINGTON STORE #182
Address:	99 SOUTHGATE AVE
City,State,Zip:	DALY CITY, CA 94015
Site ID:	272708
CERS ID:	10626745
CERS Description:	Hazardous Waste Generator

Violations:

Site ID:	272708
Site Name:	Burlington Store #182
Violation Date:	04-14-2017
Citation:	40 CFR 1 262.34(d)(5)(iii) - U.S. Code of Federal Regulations, Title 40, Chapter 1, Section(s) 262.34(d)(5)(iii)
Violation Description:	Failure to ensure that all employees are thoroughly familiar with proper waste handling and emergency procedures, relevant to their responsibilities during normal facility operations and emergencies.
Violation Notes:	Returned to compliance on 06/16/2017. OBSERVATION: At the time of inspection, it could not be demonstrated that employees who handle hazardous waste were properly trained. The generator must ensure that all employees who handle hazardous waste are thoroughly familiar with proper waste handling and emergency procedures. CORRECTIVE ACTION: Immediately provide training to all employees who handle hazardous waste and submit a copy of the training records to the inspector within the comply by date.
Violation Division:	San Mateo County Environmental Health
Violation Program:	HW
Violation Source:	CERS

Site ID:	272708
Site Name:	Burlington Store #182
Violation Date:	04-14-2017
Citation:	22 CCR 12 66262.40(a) - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.40(a)
Violation Description:	Failure to keep a copy of each properly signed manifest for at least three years from the date the waste was accepted by the initial transporter. The manifest signed at the time the waste was accepted for transport shall be kept until receiving a signed copy from the designated facility which received the waste.
Violation Notes:	Returned to compliance on 06/16/2017. OBSERVATION: Manifest numbers

BURLINGTON STORE #182 (Continued) **S121758240**

008517451FLE and 008517703FLE were found without signed off copies from the destination facility. Hazardous waste generators shall retain copies of all manifests signed off by the destination facility on site for three years and have them readily available for review. Submit to the inspector within the comply by date copies of the signed off manifests.

Violation Division: San Mateo County Environmental Health
Violation Program: HW
Violation Source: CERS

Site ID: 272708
Site Name: Burlington Store #182
Violation Date: 04-14-2017
Citation: 22 CCR 12 66262.34(f) - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.34(f)
Violation Description: Failure to properly label hazardous waste accumulation containers and portable tanks with the following requirements: "Hazardous Waste", name and address of the generator, physical and chemical characteristics of the Hazardous Waste, and starting accumulation date.
Violation Notes: Returned to compliance on 06/16/2017. Two bins of toxic and state regulated waste, one bin of universal waste, two bins of aerosols/flammables/combustibles, one bin of oxidizers, and two bins of corrosive bases did not have their labels filled out (all of the hazardous waste containers). All hazardous waste containers must be properly labeled. Immediately label all hazardous waste containers and submit documentation (photos) to the inspector within the comply by date. When filing out labels, use the date from around the time of the last pickup.
Violation Division: San Mateo County Environmental Health
Violation Program: HW
Violation Source: CERS

Site ID: 272708
Site Name: Burlington Store #182
Violation Date: 04-14-2017
Citation: 40 CFR 1 265.177 - U.S. Code of Federal Regulations, Title 40, Chapter 1, Section(s) 265.177
Violation Description: Failure to separate incompatible wastes from the same container, nearby containers, or unwashed containers which previously contained incompatible waste or materials.
Violation Notes: Returned to compliance on 06/16/2017. Oxidizers bin contains state regulated waste/toxics. Flammables were in both state regulated waste/toxics and oxidizers bin. State regulated waste/toxics were placed in flammable bin. OBSERVATION: No determination was made as to the compatibility of the wastes stored together. CORRECTIVE ACTION: Immediately transfer or separate incompatible wastes to other containers and submit documentation to the inspector within the comply by date that wastes are properly sorted and segregated.
Violation Division: San Mateo County Environmental Health
Violation Program: HW
Violation Source: CERS

Site ID: 272708
Site Name: Burlington Store #182
Violation Date: 04-14-2017
Citation: 22 CCR 12 66262.11 - California Code of Regulations, Title 22, Chapter

BURLINGTON STORE #182 (Continued) **S121758240**

12, Section(s) 66262.11
Violation Description: Failure to determine if wastes generated are hazardous waste by using generator knowledge or applying testing method.
Violation Notes: Returned to compliance on 06/16/2017. Candles were found in both state regulated waste/toxics and flammable bin. Make a waste determination for the candles and submit documentation to the inspector within the comply by date. Please advise also why batteries are not removed from watches before being placed in the state regulated waste/toxics bin.
Violation Division: San Mateo County Environmental Health
Violation Program: HW
Violation Source: CERS

Evaluation:
Eval General Type: Other/Unknown
Eval Date: 01-11-2016
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Not reported
Eval Division: San Mateo County Environmental Health
Eval Program: HW
Eval Source: CERS

Eval General Type: Other/Unknown
Eval Date: 02-22-2018
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Not reported
Eval Division: San Mateo County Environmental Health
Eval Program: HW
Eval Source: CERS

Eval General Type: Other/Unknown
Eval Date: 02-27-2017
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Not reported
Eval Division: San Mateo County Environmental Health
Eval Program: HW
Eval Source: CERS

Eval General Type: Other/Unknown
Eval Date: 03-27-2020
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Not reported
Eval Division: San Mateo County Environmental Health
Eval Program: HW
Eval Source: CERS

Eval General Type: Other/Unknown
Eval Date: 04-13-2016
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Not reported
Eval Division: San Mateo County Environmental Health
Eval Program: HW
Eval Source: CERS

BURLINGTON STORE #182 (Continued) **S121758240**

Eval General Type:	Compliance Evaluation Inspection
Eval Date:	04-14-2017
Violations Found:	Yes
Eval Type:	Routine done by local agency
Eval Notes:	Not reported
Eval Division:	San Mateo County Environmental Health
Eval Program:	HW
Eval Source:	CERS

Eval General Type:	Compliance Evaluation Inspection
Eval Date:	04-17-2019
Violations Found:	No
Eval Type:	Routine done by local agency
Eval Notes:	Hazardous waste streams generated: Stage regulated toxics Aerosols/flammables Occasionally generates corrosives and universal waste Facility is disposing of candles and olive oil as a hazardous waste Email: storemgr.182@burlingtonstores.com
Eval Division:	San Mateo County Environmental Health
Eval Program:	HW
Eval Source:	CERS

Eval General Type:	Compliance Evaluation Inspection
Eval Date:	04-21-2015
Violations Found:	No
Eval Type:	Routine done by local agency
Eval Notes:	Not reported
Eval Division:	San Mateo County Environmental Health
Eval Program:	HW
Eval Source:	CERS

Eval General Type:	Other/Unknown
Eval Date:	05-18-2015
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Not reported
Eval Division:	San Mateo County Environmental Health
Eval Program:	HW
Eval Source:	CERS

Enforcement Action:

Site ID:	272708
Site Name:	Burlington Store #182
Site Address:	99 SOUTHGATE AVE
Site City:	DALY CITY
Site Zip:	94015
Enf Action Date:	06-02-2017
Enf Action Type:	Notice of Violation (Unified Program)
Enf Action Description:	Notice of Violation Issued by the Inspector at the Time of Inspection
Enf Action Notes:	Facility RTC 6/30/17.
Enf Action Division:	San Mateo County Environmental Health
Enf Action Program:	HW
Enf Action Source:	CERS

Coordinates:

Site ID:	272708
Facility Name:	Burlington Store #182

BURLINGTON STORE #182 (Continued) **S121758240**

Env Int Type Code:	HWG
Program ID:	10626745
Coord Name:	Not reported
Ref Point Type Desc:	Center of a facility or station.
Latitude:	37.697670
Longitude:	-122.481610

Affiliation:

Affiliation Type Desc:	CUPA District
Entity Name:	San Mateo County Environmental Health
Entity Title:	Not reported
Affiliation Address:	2000 Alameda de las Pulgas, Suite 100
Affiliation City:	San Mateo
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	94403
Affiliation Phone:	(650) 372-6200

Affiliation Type Desc:	Operator
Entity Name:	Burlington Stores
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	(609) 387-7800

Affiliation Type Desc:	Environmental Contact
Entity Name:	ASHLEY CAMPBELL
Entity Title:	Not reported
Affiliation Address:	5151 San Felipe St, Suite 1000
Affiliation City:	Houston
Affiliation State:	TX
Affiliation Country:	Not reported
Affiliation Zip:	77056
Affiliation Phone:	Not reported

Affiliation Type Desc:	Legal Owner
Entity Name:	Burlington Stores
Entity Title:	Not reported
Affiliation Address:	1830 Route 130 North
Affiliation City:	Burlington
Affiliation State:	NJ
Affiliation Country:	United States
Affiliation Zip:	08016
Affiliation Phone:	(609) 387-7800

Affiliation Type Desc:	Document Preparer
Entity Name:	ASHLEY CAMPBELL
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	Not reported

BURLINGTON STORE #182 (Continued) **S121758240**

Affiliation Type Desc:	Identification Signer
Entity Name:	ASHLEY CAMPBELL
Entity Title:	Agent For
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	Not reported

Affiliation Type Desc:	Parent Corporation
Entity Name:	Burlington Stores
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	Not reported

Affiliation Type Desc:	Property Owner
Entity Name:	Kimco
Entity Title:	Not reported
Affiliation Address:	3333 New Hyde Park Rd, Ste 100 c/o Kimco Realty Corp
Affiliation City:	New Hyde Park
Affiliation State:	NY
Affiliation Country:	United States
Affiliation Zip:	28287
Affiliation Phone:	(516) 869-9000

Affiliation Type Desc:	Facility Mailing Address
Entity Name:	Mailing Address
Entity Title:	Not reported
Affiliation Address:	1830 Route 130 North
Affiliation City:	Burlington
Affiliation State:	NJ
Affiliation Country:	Not reported
Affiliation Zip:	08016
Affiliation Phone:	Not reported

A6 **BURLINGTON STORE # 182** **HAZNET** **S118938115**
Target **99 SOUTHGATE AVE** **HWTS** **N/A**
Property **DALY CITY, CA 94015**

Site 6 of 8 in cluster A

Actual: **102 ft.**

HAZNET:

Name:	BURLINGTON STORE # 182
Address:	99 SOUTHGATE AVE
Address 2:	Not reported
City,State,Zip:	DALY CITY, CA 080160000
Contact:	NANCY DENNION
Telephone:	6093877800
Mailing Name:	Not reported
Mailing Address:	1830 ROUTE 130 N
Year:	2019

BURLINGTON STORE # 182 (Continued) **S118938115**

Gepaid: CAL000403215
TSD EPA ID: AZR000515924
CA Waste Code: 331 - Off-specification, aged or surplus organics
Disposal Method: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons: 0.16550

Year: 2019
Gepaid: CAL000403215
TSD EPA ID: NVD980895338
CA Waste Code: 331 - Off-specification, aged or surplus organics
Disposal Method: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons: 0.03250

Year: 2018
Gepaid: CAL000403215
TSD EPA ID: AZR000515924
CA Waste Code: 331 - Off-specification, aged or surplus organics
Disposal Method: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons: 0.33700

Year: 2018
Gepaid: CAL000403215
TSD EPA ID: NVD980895338
CA Waste Code: 331 - Off-specification, aged or surplus organics
Disposal Method: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons: 0.03000

Year: 2018
Gepaid: CAL000403215
TSD EPA ID: CAD008364432
CA Waste Code: 331 - Off-specification, aged or surplus organics
Disposal Method: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons: 0.01750

Year: 2017
Gepaid: CAL000403215
TSD EPA ID: NVD980895338
CA Waste Code: 331 - Off-specification, aged or surplus organics
Disposal Method: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons: 0.3145

Year: 2017
Gepaid: CAL000403215
TSD EPA ID: NVD980895338
CA Waste Code: 181 - Other inorganic solid waste
Disposal Method: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons: 0.0035

Year: 2017
Gepaid: CAL000403215

BURLINGTON STORE # 182 (Continued) **S118938115**

TSD EPA ID: CAD008364432
CA Waste Code: 331 - Off-specification, aged or surplus organics
Disposal Method: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons: 0.093

Year: 2017
Gepaid: CAL000403215
TSD EPA ID: CAD980884183
CA Waste Code: 331 - Off-specification, aged or surplus organics
Disposal Method: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons: 0.0945

Year: 2016
Gepaid: CAL000403215
TSD EPA ID: CAD980884183
CA Waste Code: 331 - Off-specification, aged or surplus organics
Disposal Method: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons: 0.034

Click this hyperlink while viewing on your computer to access
5 additional CA HAZNET: record(s) in the EDR Site Report.

Additional Info:
Year: 2016
Gen EPA ID: CAL000403215

Shipment Date: 20151109
Creation Date: 1/11/2016 22:16:40
Receipt Date: 20151125
Manifest ID: 008517451FLE
Trans EPA ID: MNS000110924
Trans Name: STERICYCLE SPECIALTY WASTE SOLUTIONS INC
Trans 2 EPA ID: CAR000210617
Trans 2 Name: 21ST CENTURY ENVIRONMENTAL OF CALIFORNIA
TSDF EPA ID: CAD980884183
Trans Name: GENERAL ENVIRONMENTAL MGT LLC
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 331 - Off-specification, aged, or surplus organics
RCRA Code: D001
Meth Code: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons: 0.0035
Waste Quantity: 7
Quantity Unit: P
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20151109
Creation Date: 1/11/2016 22:16:40

BURLINGTON STORE # 182 (Continued) **S118938115**

Receipt Date:	20151125
Manifest ID:	008517451FLE
Trans EPA ID:	MNS000110924
Trans Name:	STERICYCLE SPECIALTY WASTE SOLUTIONS INC
Trans 2 EPA ID:	CAR000210617
Trans 2 Name:	21ST CENTURY ENVIRONMENTAL OF CALIFORNIA
TSDF EPA ID:	CAD980884183
Trans Name:	GENERAL ENVIRONMENTAL MGT LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	331 - Off-specification, aged, or surplus organics
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.007
Waste Quantity:	14
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20150909
Creation Date:	2/9/2016 22:15:26
Receipt Date:	20150917
Manifest ID:	008438293FLE
Trans EPA ID:	MNS000110924
Trans Name:	STERICYCLE SPECIALTY WASTE SOLUTIONS INC
Trans 2 EPA ID:	NED986382133
Trans 2 Name:	SMITH SYSTEMS TRANSPORTATION INC
TSDF EPA ID:	NVD980895338
Trans Name:	21ST CENTURY EMN LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	- Not reported
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.002
Waste Quantity:	4
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20150909
Creation Date:	2/9/2016 22:15:26
Receipt Date:	20150917
Manifest ID:	008438293FLE
Trans EPA ID:	MNS000110924
Trans Name:	STERICYCLE SPECIALTY WASTE SOLUTIONS INC
Trans 2 EPA ID:	NED986382133
Trans 2 Name:	SMITH SYSTEMS TRANSPORTATION INC
TSDF EPA ID:	NVD980895338

BURLINGTON STORE # 182 (Continued) **S118938115**

Trans Name:	21ST CENTURY EMN LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	181 - Other inorganic solid waste Organics
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.014
Waste Quantity:	28
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20150909
Creation Date:	2/9/2016 22:15:26
Receipt Date:	20150917
Manifest ID:	008438293FLE
Trans EPA ID:	MNS000110924
Trans Name:	STERICYCLE SPECIALTY WASTE SOLUTIONS INC
Trans 2 EPA ID:	NED986382133
Trans 2 Name:	SMITH SYSTEMS TRANSPORTATION INC
TSDF EPA ID:	NVD980895338
Trans Name:	21ST CENTURY EMN LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	331 - Off-specification, aged, or surplus organics
RCRA Code:	D001
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.001
Waste Quantity:	2
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20150909
Creation Date:	2/9/2016 22:15:26
Receipt Date:	20150917
Manifest ID:	008438293FLE
Trans EPA ID:	MNS000110924
Trans Name:	STERICYCLE SPECIALTY WASTE SOLUTIONS INC
Trans 2 EPA ID:	NED986382133
Trans 2 Name:	SMITH SYSTEMS TRANSPORTATION INC
TSDF EPA ID:	NVD980895338
Trans Name:	21ST CENTURY EMN LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	331 - Off-specification, aged, or surplus organics
RCRA Code:	D002
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)

BURLINGTON STORE # 182 (Continued) **S118938115**

Quantity Tons:	0.0035
Waste Quantity:	7
Quantity Unit:	P
Additional Code 1:	D001
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20150722
Creation Date:	1/21/2016 22:16:05
Receipt Date:	20150804
Manifest ID:	008517703FLE
Trans EPA ID:	MNS000110924
Trans Name:	STERICYCLE SPECIALTY WASTE SOLUTIONS INC
Trans 2 EPA ID:	NED986382133
Trans 2 Name:	SMITH SYSTEMS TRANSPORTATION INC
TSDF EPA ID:	NVD980895338
Trans Name:	21ST CENTURY EMN LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	- Not reported
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.0035
Waste Quantity:	7
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20150722
Creation Date:	1/21/2016 22:16:05
Receipt Date:	20150804
Manifest ID:	008517703FLE
Trans EPA ID:	MNS000110924
Trans Name:	STERICYCLE SPECIALTY WASTE SOLUTIONS INC
Trans 2 EPA ID:	NED986382133
Trans 2 Name:	SMITH SYSTEMS TRANSPORTATION INC
TSDF EPA ID:	NVD980895338
Trans Name:	21ST CENTURY EMN LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	331 - Off-specification, aged, or surplus organics
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.005
Waste Quantity:	10
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported

BURLINGTON STORE # 182 (Continued) **S118938115**

Additional Code 5:	Not reported
Shipment Date:	20150722
Creation Date:	1/21/2016 22:16:05
Receipt Date:	20150804
Manifest ID:	008517703FLE
Trans EPA ID:	MNS000110924
Trans Name:	STERICYCLE SPECIALTY WASTE SOLUTIONS INC
Trans 2 EPA ID:	NED986382133
Trans 2 Name:	SMITH SYSTEMS TRANSPORTATION INC
TSDF EPA ID:	NVD980895338
Trans Name:	21ST CENTURY EMN LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	331 - Off-specification, aged, or surplus organics
RCRA Code:	D001
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.0065
Waste Quantity:	13
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20150722
Creation Date:	1/21/2016 22:16:05
Receipt Date:	20150804
Manifest ID:	008517703FLE
Trans EPA ID:	MNS000110924
Trans Name:	STERICYCLE SPECIALTY WASTE SOLUTIONS INC
Trans 2 EPA ID:	NED986382133
Trans 2 Name:	SMITH SYSTEMS TRANSPORTATION INC
TSDF EPA ID:	NVD980895338
Trans Name:	21ST CENTURY EMN LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	181 - Other inorganic solid waste Organics
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.005
Waste Quantity:	10
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	2015
Gen EPA ID:	CAL000403215
Shipment Date:	20151109

BURLINGTON STORE # 182 (Continued) **S118938115**

Creation Date:	1/11/2016 22:16:40
Receipt Date:	20151125
Manifest ID:	008517451FLE
Trans EPA ID:	MNS000110924
Trans Name:	STERICYCLE SPECIALTY WASTE SOLUTIONS INC
Trans 2 EPA ID:	CAR000210617
Trans 2 Name:	21ST CENTURY ENVIRONMENTAL OF CALIFORNIA
TSDF EPA ID:	CAD980884183
Trans Name:	GENERAL ENVIRONMENTAL MGT LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	331 - Off-specification, aged, or surplus organics
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.007
Waste Quantity:	14
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20151109
Creation Date:	1/11/2016 22:16:40
Receipt Date:	20151125
Manifest ID:	008517451FLE
Trans EPA ID:	MNS000110924
Trans Name:	STERICYCLE SPECIALTY WASTE SOLUTIONS INC
Trans 2 EPA ID:	CAR000210617
Trans 2 Name:	21ST CENTURY ENVIRONMENTAL OF CALIFORNIA
TSDF EPA ID:	CAD980884183
Trans Name:	GENERAL ENVIRONMENTAL MGT LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	331 - Off-specification, aged, or surplus organics
RCRA Code:	D001
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.0035
Waste Quantity:	7
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20150909
Creation Date:	2/9/2016 22:15:26
Receipt Date:	20150917
Manifest ID:	008438293FLE
Trans EPA ID:	MNS000110924
Trans Name:	STERICYCLE SPECIALTY WASTE SOLUTIONS INC
Trans 2 EPA ID:	NED986382133
Trans 2 Name:	SMITH SYSTEMS TRANSPORTATION INC

BURLINGTON STORE # 182 (Continued) **S118938115**

TSDF EPA ID:	NVD980895338
Trans Name:	21ST CENTURY EMN LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	331 - Off-specification, aged, or surplus organics
RCRA Code:	D001
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.001
Waste Quantity:	2
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20150909
Creation Date:	2/9/2016 22:15:26
Receipt Date:	20150917
Manifest ID:	008438293FLE
Trans EPA ID:	MNS000110924
Trans Name:	STERICYCLE SPECIALTY WASTE SOLUTIONS INC
Trans 2 EPA ID:	NED986382133
Trans 2 Name:	SMITH SYSTEMS TRANSPORTATION INC
TSDF EPA ID:	NVD980895338
Trans Name:	21ST CENTURY EMN LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	331 - Off-specification, aged, or surplus organics
RCRA Code:	D002
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.0035
Waste Quantity:	7
Quantity Unit:	P
Additional Code 1:	D001
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20150909
Creation Date:	2/9/2016 22:15:26
Receipt Date:	20150917
Manifest ID:	008438293FLE
Trans EPA ID:	MNS000110924
Trans Name:	STERICYCLE SPECIALTY WASTE SOLUTIONS INC
Trans 2 EPA ID:	NED986382133
Trans 2 Name:	SMITH SYSTEMS TRANSPORTATION INC
TSDF EPA ID:	NVD980895338
Trans Name:	21ST CENTURY EMN LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	- Not reported
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No

BURLINGTON STORE # 182 (Continued) **S118938115**

	Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.002
Waste Quantity:	4
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20150909
Creation Date:	2/9/2016 22:15:26
Receipt Date:	20150917
Manifest ID:	008438293FLE
Trans EPA ID:	MNS000110924
Trans Name:	STERICYCLE SPECIALTY WASTE SOLUTIONS INC
Trans 2 EPA ID:	NED986382133
Trans 2 Name:	SMITH SYSTEMS TRANSPORTATION INC
TSDF EPA ID:	NVD980895338
Trans Name:	21ST CENTURY EMN LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	181 - Other inorganic solid waste Organics
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.014
Waste Quantity:	28
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20150722
Creation Date:	1/21/2016 22:16:05
Receipt Date:	20150804
Manifest ID:	008517703FLE
Trans EPA ID:	MNS000110924
Trans Name:	STERICYCLE SPECIALTY WASTE SOLUTIONS INC
Trans 2 EPA ID:	NED986382133
Trans 2 Name:	SMITH SYSTEMS TRANSPORTATION INC
TSDF EPA ID:	NVD980895338
Trans Name:	21ST CENTURY EMN LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	331 - Off-specification, aged, or surplus organics
RCRA Code:	D001
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.0065
Waste Quantity:	13
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported

BURLINGTON STORE # 182 (Continued) **S118938115**

Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20150722
Creation Date:	1/21/2016 22:16:05
Receipt Date:	20150804
Manifest ID:	008517703FLE
Trans EPA ID:	MNS000110924
Trans Name:	STERICYCLE SPECIALTY WASTE SOLUTIONS INC
Trans 2 EPA ID:	NED986382133
Trans 2 Name:	SMITH SYSTEMS TRANSPORTATION INC
TSDF EPA ID:	NVD980895338
Trans Name:	21ST CENTURY EMN LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	181 - Other inorganic solid waste Organics
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.005
Waste Quantity:	10
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20150722
Creation Date:	1/21/2016 22:16:05
Receipt Date:	20150804
Manifest ID:	008517703FLE
Trans EPA ID:	MNS000110924
Trans Name:	STERICYCLE SPECIALTY WASTE SOLUTIONS INC
Trans 2 EPA ID:	NED986382133
Trans 2 Name:	SMITH SYSTEMS TRANSPORTATION INC
TSDF EPA ID:	NVD980895338
Trans Name:	21ST CENTURY EMN LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	331 - Off-specification, aged, or surplus organics
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.005
Waste Quantity:	10
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20150722
Creation Date:	1/21/2016 22:16:05
Receipt Date:	20150804
Manifest ID:	008517703FLE

BURLINGTON STORE # 182 (Continued) **S118938115**

Trans EPA ID:	MNS000110924
Trans Name:	STERICYCLE SPECIALTY WASTE SOLUTIONS INC
Trans 2 EPA ID:	NED986382133
Trans 2 Name:	SMITH SYSTEMS TRANSPORTATION INC
TSDF EPA ID:	NVD980895338
Trans Name:	21ST CENTURY EMN LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	- Not reported
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.0035
Waste Quantity:	7
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	2017
Gen EPA ID:	CAL000403215
Shipment Date:	20171214
Creation Date:	8/3/2018 18:30:42
Receipt Date:	20180115
Manifest ID:	010855678FLE
Trans EPA ID:	MNS000110924
Trans Name:	STERICYCLE SPECIALTY WASTE SOLUTIONS INC
Trans 2 EPA ID:	NED986382133
Trans 2 Name:	SMITH SYSTEMS
TSDF EPA ID:	CAD008364432
Trans Name:	RHO CHEM LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	331 - Off-specification, aged, or surplus organics
RCRA Code:	D001
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.087
Waste Quantity:	174
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20171214
Creation Date:	8/3/2018 18:30:48
Receipt Date:	20180104
Manifest ID:	010855677FLE
Trans EPA ID:	MNS000110924
Trans Name:	STERICYCLE SPECIALTY WASTE SOLUTIONS INC
Trans 2 EPA ID:	NED986382133

BURLINGTON STORE # 182 (Continued) **S118938115**

Trans 2 Name:	SMITH SYSTEMS TRANSPORTATION
TSDF EPA ID:	CAD980884183
Trans Name:	GENERAL ENVIRONMENTAL MGT LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	331 - Off-specification, aged, or surplus organics
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.0945
Waste Quantity:	189
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20171214
Creation Date:	8/3/2018 18:30:42
Receipt Date:	20180115
Manifest ID:	010855678FLE
Trans EPA ID:	MNS000110924
Trans Name:	STERICYCLE SPECIALTY WASTE SOLUTIONS INC
Trans 2 EPA ID:	NED986382133
Trans 2 Name:	SMITH SYSTEMS
TSDF EPA ID:	CAD008364432
Trans Name:	RHO CHEM LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	331 - Off-specification, aged, or surplus organics
RCRA Code:	D002
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.006
Waste Quantity:	12
Quantity Unit:	P
Additional Code 1:	D001
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20170830
Creation Date:	8/1/2018 18:31:11
Receipt Date:	20170915
Manifest ID:	010833468FLE
Trans EPA ID:	MNS000110924
Trans Name:	STERICYCLE SPECIALTY WASTE SOLUTIONS INC
Trans 2 EPA ID:	NED986382133
Trans 2 Name:	SMITH SYSTEMS
TSDF EPA ID:	NVD980895338
Trans Name:	21ST CENTURY EMN LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	331 - Off-specification, aged, or surplus organics
RCRA Code:	D001

BURLINGTON STORE # 182 (Continued) **S118938115**

Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.006
Waste Quantity:	12
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20170830
Creation Date:	8/1/2018 18:31:11
Receipt Date:	20170915
Manifest ID:	010833468FLE
Trans EPA ID:	MNS000110924
Trans Name:	STERICYCLE SPECIALTY WASTE SOLUTIONS INC
Trans 2 EPA ID:	NED986382133
Trans 2 Name:	SMITH SYSTEMS
TSDF EPA ID:	NVD980895338
Trans Name:	21ST CENTURY EMN LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	331 - Off-specification, aged, or surplus organics
RCRA Code:	D002
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.006
Waste Quantity:	12
Quantity Unit:	P
Additional Code 1:	D001
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20170830
Creation Date:	8/1/2018 18:31:11
Receipt Date:	20170915
Manifest ID:	010833468FLE
Trans EPA ID:	MNS000110924
Trans Name:	STERICYCLE SPECIALTY WASTE SOLUTIONS INC
Trans 2 EPA ID:	NED986382133
Trans 2 Name:	SMITH SYSTEMS
TSDF EPA ID:	NVD980895338
Trans Name:	21ST CENTURY EMN LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	331 - Off-specification, aged, or surplus organics
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.051
Waste Quantity:	102
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported

BURLINGTON STORE # 182 (Continued) **S118938115**

Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20170830
Creation Date:	8/1/2018 18:31:11
Receipt Date:	20170915
Manifest ID:	010833468FLE
Trans EPA ID:	MNS000110924
Trans Name:	STERICYCLE SPECIALTY WASTE SOLUTIONS INC
Trans 2 EPA ID:	NED986382133
Trans 2 Name:	SMITH SYSTEMS
TSDF EPA ID:	NVD980895338
Trans Name:	21ST CENTURY EMN LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	331 - Off-specification, aged, or surplus organics
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.0595
Waste Quantity:	119
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20170616
Creation Date:	7/18/2018 18:30:10
Receipt Date:	20170627
Manifest ID:	010061272FLE
Trans EPA ID:	MNS000110924
Trans Name:	STERICYCLE SPECIALTY WASTE SOLUTIONS INC
Trans 2 EPA ID:	NED986382133
Trans 2 Name:	SMITH SYSTEMS TRANSPORTATION
TSDF EPA ID:	NVD980895338
Trans Name:	21ST CENTURY EMN LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	331 - Off-specification, aged, or surplus organics
RCRA Code:	D001
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.0115
Waste Quantity:	23
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20170616
Creation Date:	7/18/2018 18:30:10
Receipt Date:	20170627

BURLINGTON STORE # 182 (Continued) **S118938115**

Manifest ID:	010061272FLE
Trans EPA ID:	MNS000110924
Trans Name:	STERICYCLE SPECIALTY WASTE SOLUTIONS INC
Trans 2 EPA ID:	NED986382133
Trans 2 Name:	SMITH SYSTEMS TRANSPORTATION
TSDF EPA ID:	NVD980895338
Trans Name:	21ST CENTURY EMN LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	331 - Off-specification, aged, or surplus organics
RCRA Code:	D002
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.005
Waste Quantity:	10
Quantity Unit:	P
Additional Code 1:	D001
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20170616
Creation Date:	7/18/2018 18:30:10
Receipt Date:	20170627
Manifest ID:	010061272FLE
Trans EPA ID:	MNS000110924
Trans Name:	STERICYCLE SPECIALTY WASTE SOLUTIONS INC
Trans 2 EPA ID:	NED986382133
Trans 2 Name:	SMITH SYSTEMS TRANSPORTATION
TSDF EPA ID:	NVD980895338
Trans Name:	21ST CENTURY EMN LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	331 - Off-specification, aged, or surplus organics
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.094
Waste Quantity:	188
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

HWTS:

Name:	BURLINGTON STORE # 182
Address:	99 SOUTHGATE AVE
Address 2:	Not reported
City,State,Zip:	DALY CITY, CA 94015
EPA ID:	CAL000403215
Inactive Date:	Not reported
Create Date:	12/24/2014
Last Act Date:	07/29/2020
Mailing Name:	Not reported

BURLINGTON STORE # 182 (Continued) **S118938115**

Mailing Address:	1830 ROUTE 130 N
Mailing Address 2:	Not reported
Mailing City,State,Zip:	BURLINGTON ‘, NJ 080160000
Owner Name:	BURLINGTON COAT FACTORY
Owner Address:	1830 ROUTE 130 N
Owner Address 2:	Not reported
Owner City,State,Zip:	BURLINGTON, NJ 080163017
Contact Name:	NANCY DENNION
Contact Address:	1830 ROUTE 130N
Contact Address 2:	Not reported
City,State,Zip:	BURLINGTON, NJ 080163017

NAICS:

EPA ID:	CAL000403215
Create Date:	2014-12-24 09:52:39.720
NAICS Code:	45211
NAICS Description:	Department Stores
Issued EPA ID Date:	2014-12-24 09:52:39.71700
Inactive Date:	Not reported
Facility Name:	BURLINGTON STORE # 182
Facility Address:	99 SOUTHGATE AVE
Facility Address 2:	Not reported
Facility City:	DALY CITY
Facility County:	Not reported
Facility State:	CA
Facility Zip:	94015

A7 **WESTLAKE VILLAGE APT** **RCRA NonGen / NLR** **1024821037**
SSE **2 CORONADO AVE** **CAL000335712**
< 1/8 **DALY CITY, CA 94015**
0.013 mi.
69 ft. **Site 7 of 8 in cluster A**

Relative: **Higher**
Actual: **107 ft.**

RCRA NonGen / NLR:

Date Form Received by Agency:		2008-08-22 00:00:00.0
Handler Name:	WESTLAKE VILLAGE APT	
Handler Address:		2 CORONADO AVE
Handler City,State,Zip:		DALY CITY, CA 94015-3353
EPA ID:		CAL000335712
Contact Name:		PATSY ELBUHEL/ASST MAINT MGR
Contact Address:		333 PARK PLAZA DRIVE
Contact City,State,Zip:		DALY CITY, CA 94015
Contact Telephone:		650-756-0959
Contact Fax:		650-755-1081
Contact Email:		PELBUHEL@GB-A.COM
Contact Title:		Not reported
EPA Region:		09
Land Type:		Not reported
Federal Waste Generator Description:		Not a generator, verified
Non-Notifier:		Not reported
Biennial Report Cycle:		Not reported
Accessibility:		Not reported
Active Site Indicator:		Handler Activities
State District Owner:		Not reported
State District:		Not reported
Mailing Address:		333 PARK PLAZA DR
Mailing City,State,Zip:		DALY CITY, CA 94015-0000

WESTLAKE VILLAGE APT (Continued) **1024821037**

Owner Name:	JALSON COMPANY INC
Owner Type:	Other
Operator Name:	PATSY ELBUHEL/ASST MAINT MGR
Operator Type:	Other
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	Yes
Universal Waste Destination Facility:	Yes
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2018-09-05 20:30:37.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No

WESTLAKE VILLAGE APT (Continued) **1024821037**

Manifest Broker: No
Sub-Part P Indicator: No

Handler - Owner Operator:
Owner/Operator Indicator: Owner
Owner/Operator Name: JALSON COMPANY INC
Legal Status: Other
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 201 FILBERT ST
Owner/Operator City,State,Zip: SAN FRANCISCO, CA 94133-0000
Owner/Operator Telephone: 415-659-1600
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator
Owner/Operator Name: PATSY ELBUHEL/ASST MAINT MGR
Legal Status: Other
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 333 PARK PLAZA DRIVE
Owner/Operator City,State,Zip: DALY CITY, CA 94015
Owner/Operator Telephone: 650-756-0959
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:
Receive Date: 2008-08-22 00:00:00.0
Handler Name: WESTLAKE VILLAGE APT
Federal Waste Generator Description: Not a generator, verified
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:
NAICS Code: 53111
NAICS Description: LESSORS OF RESIDENTIAL BUILDINGS AND DWELLINGS

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

A8
South
< 1/8
0.014 mi.
74 ft.

WESTLAKE VILLAGE APT
8 CORONADO AVE
DALY CITY, CA 94015

Site 8 of 8 in cluster A

RCRA NonGen / NLR **1024821036**
CAL000335711

Relative:
Higher

Actual:
109 ft.

RCRA NonGen / NLR:

Date Form Received by Agency:		2008-08-22 00:00:00.0
Handler Name:	WESTLAKE VILLAGE APT	
Handler Address:		8 CORONADO AVE
Handler City,State,Zip:		DALY CITY, CA 94015-3355
EPA ID:		CAL000335711
Contact Name:		PATSY ELBUHEL/ASST MAINT MGR
Contact Address:		333 PARK PLAZA DRIVE
Contact City,State,Zip:		DALY CITY, CA 94015
Contact Telephone:		650-756-0959
Contact Fax:		650-755-1081
Contact Email:		PELBUHEL@GB-A.COM
Contact Title:		Not reported
EPA Region:		09
Land Type:		Not reported
Federal Waste Generator Description:		Not a generator, verified
Non-Notifier:		Not reported
Biennial Report Cycle:		Not reported
Accessibility:		Not reported
Active Site Indicator:		Handler Activities
State District Owner:		Not reported
State District:		Not reported
Mailing Address:		333 PARK PLAZA DR
Mailing City,State,Zip:		DALY CITY, CA 94015-0000
Owner Name:		JALSON COMPANY INC
Owner Type:		Other
Operator Name:		PATSY ELBUHEL/ASST MAINT MGR
Operator Type:		Other
Short-Term Generator Activity:		No
Importer Activity:		No
Mixed Waste Generator:		No
Transporter Activity:		No
Transfer Facility Activity:		No
Recycler Activity with Storage:		No
Small Quantity On-Site Burner Exemption:		No
Smelting Melting and Refining Furnace Exemption:		No
Underground Injection Control:		No
Off-Site Waste Receipt:		No
Universal Waste Indicator:		Yes
Universal Waste Destination Facility:		Yes
Federal Universal Waste:		No
Active Site Fed-Reg Treatment Storage and Disposal Facility:		Not reported
Active Site Converter Treatment storage and Disposal Facility:		Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:		Not reported
Active Site State-Reg Handler:		---
Federal Facility Indicator:		Not reported
Hazardous Secondary Material Indicator:		N
Sub-Part K Indicator:		Not reported
Commercial TSD Indicator:		No
Treatment Storage and Disposal Type:		Not reported
2018 GPRA Permit Baseline:		Not on the Baseline
2018 GPRA Renewals Baseline:		Not on the Baseline
Permit Renewals Workload Universe:		Not reported

WESTLAKE VILLAGE APT (Continued) **1024821036**

Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2018-09-05 20:30:37.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Handler - Owner Operator:

Owner/Operator Indicator:	Operator
Owner/Operator Name:	PATSY ELBUHEL/ASST MAINT MGR
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	333 PARK PLAZA DRIVE
Owner/Operator City,State,Zip:	DALY CITY, CA 94015
Owner/Operator Telephone:	650-756-0959
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	JALSON COMPANY INC
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	201 FILBERT ST
Owner/Operator City,State,Zip:	SAN FRANCISCO, CA 94133-0000
Owner/Operator Telephone:	415-659-1600
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

WESTLAKE VILLAGE APT (Continued) **1024821036**

Historic Generators:
- Receive Date: 2008-08-22 00:00:00.0
- Handler Name: WESTLAKE VILLAGE APT
- Federal Waste Generator Description: Not a generator, verified
- State District Owner: Not reported
- Large Quantity Handler of Universal Waste: No
- Recognized Trader Importer: No
- Recognized Trader Exporter: No
- Spent Lead Acid Battery Importer: No
- Spent Lead Acid Battery Exporter: No
- Current Record: Yes
- Non Storage Recycler Activity: Not reported
- Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:
- NAICS Code: 53111
- NAICS Description: LESSORS OF RESIDENTIAL BUILDINGS AND DWELLINGS

Facility Has Received Notices of Violations:
- Violations: No Violations Found

Evaluation Action Summary:
- Evaluations: No Evaluations Found

B9 **WESTLAKE VILLAGE SHOPPING CENTER** **RCRA NonGen / NLR** **1024829632**
NE **75 SOUTHGATE AVE** **CAL000363182**
< 1/8 **DALY CITY, CA 94015**
0.018 mi.
93 ft. **Site 1 of 5 in cluster B**

Relative: **Lower**

Actual: **99 ft.**

RCRA NonGen / NLR:
- Date Form Received by Agency: 2011-04-20 00:00:00.0
- Handler Name: WESTLAKE VILLAGE SHOPPING CENTER
- Handler Address: 75 SOUTHGATE AVE
- Handler City,State,Zip: DALY CITY, CA 94015-1413
- EPA ID: CAL000363182
- Contact Name: MARIA TEOS
- Contact Address: 15 SOUTHGATE AVE
- Contact City,State,Zip: DALY CITY, CA 94015
- Contact Telephone: 415-720-3030
- Contact Fax: 650-756-3390
- Contact Email: MTEOS@KIMCOREALTY.COM
- Contact Title: Not reported
- EPA Region: 09
- Land Type: Not reported
- Federal Waste Generator Description: Not a generator, verified
- Non-Notifier: Not reported
- Biennial Report Cycle: Not reported
- Accessibility: Not reported
- Active Site Indicator: Handler Activities
- State District Owner: Not reported
- State District: Not reported
- Mailing Address: 15 SOUTHGATE AVE, SUITE 201
- Mailing City,State,Zip: DALY CITY, CA 94015-1413
- Owner Name: KIMCO WESTLAKE LP

WESTLAKE VILLAGE SHOPPING CENTER (Continued) **1024829632**

Owner Type:	Other
Operator Name:	MARIA TEOS
Operator Type:	Other
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	Yes
Universal Waste Destination Facility:	Yes
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2018-09-05 20:34:20.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No

WESTLAKE VILLAGE SHOPPING CENTER (Continued) **1024829632**

Sub-Part P Indicator: No

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name:	KIMCO WESTLAKE LP
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	15 SOUTHGATE AVE, SUITE 201
Owner/Operator City,State,Zip:	DALY CITY, CA 94015-1413
Owner/Operator Telephone:	650-301-3000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	MARIA TEOS
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	15 SOUTHGATE AVE
Owner/Operator City,State,Zip:	DALY CITY, CA 94015
Owner/Operator Telephone:	415-720-3030
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	2011-04-20 00:00:00.0
Handler Name:	WESTLAKE VILLAGE SHOPPING CENTER
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

List of NAICS Codes and Descriptions:

NAICS Code:	71131
NAICS Description:	PROMOTERS OF PERFORMING ARTS, SPORTS, AND SIMILAR EVENTS WITH FACILITIES

Facility Has Received Notices of Violations:

Violations: No Violations Found

Evaluation Action Summary:

Evaluations: No Evaluations Found

B10 **WESTLAKE SHOPPING CENTER** **San Mateo Co. BI** **S109280353**
NE **75 SOUTHGATE** **N/A**
< 1/8 **DALY CITY, CA 94015**
0.018 mi.
93 ft. **Site 2 of 5 in cluster B**

Relative: San Mateo Co. BI:
Lower
Name: WESTLAKE SHOPPING CENTER
Actual: Address: 75 SOUTHGATE
99 ft. City,State,Zip: DALY CITY, CA 94015
Region: SAN MATEO
Facility ID: FA0028088
Prog Element Code: STORMWATER ANNUAL INSPECTION FEE
Record Id: PR0069078
Description: STORMWATER ANNUAL FEE - INSP FREQ EVERY 2 YRS
Facility Status: Inactive, non-billable
Program Category: STORMWATER

Name: WESTLAKE SHOPPING CENTER
Address: 75 SOUTHGATE
City,State,Zip: DALY CITY, CA 94015
Region: SAN MATEO
Facility ID: FA0028088
Prog Element Code: GENERATES <27 GAL/YEAR
Record Id: PR0046218
Description: GENERATES <27 GAL/YEAR
Facility Status: Inactive, non-billable
Program Category: HAZARDOUS WASTE PROGRAM

Name: WESTLAKE SHOPPING CENTER
Address: 75 SOUTHGATE
City,State,Zip: DALY CITY, CA 94015
Region: SAN MATEO
Facility ID: FA0028088
Prog Element Code: STORES HAZ MAT <219GAL,1,999LB, 879FT3
Record Id: PR0066185
Description: STORES HAZ MAT <219GAL,1,999LB, 879CF
Facility Status: Inactive, non-billable
Program Category: BUSINESS PLAN PROGRAM

C11 **BP WEST COAST PRODUCTS LLC 00465** **HIST UST** **U001593982**
West **151 SOUTHGATE AVE** **HAZNET** **N/A**
< 1/8 **DALY CITY, CA 94015** **HWTS**
0.021 mi.
113 ft. **Site 1 of 11 in cluster C**

Relative: HIST UST:
Higher
Name: F A & M J MONTE
Actual: Address: 151 SOUTHGATE AVE
103 ft. City,State,Zip: DALY CITY, CA 94014
File Number: Not reported
URL: Not reported
Region: STATE
Facility ID: 00000026925
Facility Type: Gas Station
Other Type: Not reported
Contact Name: Not reported
Telephone: 0000000000
Owner Name: ARCO PETROLEUM PRODUCTS CO.
Owner Address: 515 SOUTH FLOWER STREET

BP WEST COAST PRODUCTS LLC 00465 (Continued) **U001593982**

Owner City,St,Zip: LOS ANGELES, CA 90071
Total Tanks: 0004

Tank Num: 001
Container Num: 0000000001
Year Installed: Not reported
Tank Capacity: 00010000
Tank Used for: PRODUCT
Type of Fuel: 06
Container Construction Thickness: Not reported
Leak Detection: Stock Inventor, 10

Tank Num: 002
Container Num: 0000000002
Year Installed: Not reported
Tank Capacity: 00010000
Tank Used for: PRODUCT
Type of Fuel: 06
Container Construction Thickness: Not reported
Leak Detection: Stock Inventor, 10

Tank Num: 003
Container Num: 0000000003
Year Installed: Not reported
Tank Capacity: 00008000
Tank Used for: PRODUCT
Type of Fuel: 06
Container Construction Thickness: Not reported
Leak Detection: Stock Inventor, 10

Tank Num: 004
Container Num: 0000000004
Year Installed: Not reported
Tank Capacity: 00000500
Tank Used for: PRODUCT
Type of Fuel: WASTE OIL
Container Construction Thickness: 0000093
Leak Detection: Stock Inventor

HAZNET:
Name: BP WEST COAST PRODUCTS LLC 00465
Address: 151 SOUTHGATE AVE
Address 2: Not reported
City,State,Zip: DALY CITY, CA 90702
Contact: DARYL LEE
Telephone: 4159025089
Mailing Name: Not reported
Mailing Address: PO BOX 6038

Year: 2019
Gepaid: CAL000414886
TSD EPA ID: CAT080013352
CA Waste Code: 134 - Aqueous solution with total organic residues less than 10 percent
Disposal Method: H039 - Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect
Tons: 1.63800

BP WEST COAST PRODUCTS LLC 00465 (Continued) **U001593982**

Year:	2018
Gepaid:	CAL000414886
TSD EPA ID:	CAT080013352
CA Waste Code:	134 - Aqueous solution with total organic residues less than 10 percent
Disposal Method:	H039 - Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect
Tons:	0.12600
Year:	2017
Gepaid:	CAL000414886
TSD EPA ID:	CAT080013352
CA Waste Code:	134 - Aqueous solution with total organic residues less than 10 percent
Disposal Method:	H039 - Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect
Tons:	0.063
Year:	2016
Gepaid:	CAL000414886
TSD EPA ID:	CAT080013352
CA Waste Code:	134 - Aqueous solution with total organic residues less than 10 percent
Disposal Method:	H039 - Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect
Tons:	0.9282

Additional Info:

Year:	2017
Gen EPA ID:	CAL000414886
Shipment Date:	20170808
Creation Date:	5/29/2018 18:30:43
Receipt Date:	20170817
Manifest ID:	010649996FLE
Trans EPA ID:	CAR000183913
Trans Name:	BELSHIRE
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT080013352
Trans Name:	DEMENNO KERDOON
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	134 - Aqueous solution with <10% total organic residues
RCRA Code:	Not reported
Meth Code:	H039 - Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect
Quantity Tons:	0.063
Waste Quantity:	15
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

BP WEST COAST PRODUCTS LLC 00465 (Continued) **U001593982**

HWTS:

Name:	BP WEST COAST PRODUCTS LLC 00465
Address:	151 SOUTHGATE AVE
Address 2:	Not reported
City,State,Zip:	DALY CITY, CA 940153160
EPA ID:	CAL000414886
Inactive Date:	Not reported
Create Date:	03/04/2016
Last Act Date:	08/18/2020
Mailing Name:	Not reported
Mailing Address:	PO BOX 6038
Mailing Address 2:	Not reported
Mailing City,State,Zip:	ARTESIA, CA 90702
Owner Name:	BP PRODUCTS NORTH AMERICA
Owner Address:	PO BOX 6038
Owner Address 2:	Not reported
Owner City,State,Zip:	ARTESIA, CA 90702
Contact Name:	KIMBERLY MEDICUS
Contact Address:	PO BOX 6038
Contact Address 2:	Not reported
City,State,Zip:	ARTESIA, CA 90702

NAICS:

EPA ID:	CAL000414886
Create Date:	2016-03-04 14:53:57.763
NAICS Code:	44719
NAICS Description:	Other Gasoline Stations
Issued EPA ID Date:	2016-03-04 14:53:57.76300
Inactive Date:	Not reported
Facility Name:	BP WEST COAST PRODUCTS LLC 00465
Facility Address:	151 SOUTHGATE AVE
Facility Address 2:	Not reported
Facility City:	DALY CITY
Facility County:	Not reported
Facility State:	CA
Facility Zip:	940153160

C12 **ARCO** **CHMIRS** **S103950587**
West **151 SOUTHGATE** **HIST CORTESE** **N/A**
< 1/8 **DALY CITY, CA 94015**
0.021 mi.
113 ft. **Site 2 of 11 in cluster C**

Relative:
Higher

Actual:
103 ft.

CHMIRS:

Name:	Not reported
Address:	151 SOUTHGATE
City,State,Zip:	DALY CITY, CA
OES Incident Number:	0-3932
OES notification:	08/31/2000
OES Date:	Not reported
OES Time:	Not reported
Date Completed:	**Not reported**
Property Use:	Not reported
Agency Id Number:	Not reported
Agency Incident Number:	Not reported
Time Notified:	Not reported
Time Completed:	Not reported

ARCO (Continued) **S103950587**

Surrounding Area:	Not reported
Estimated Temperature:	Not reported
Property Management:	Not reported
More Than Two Substances Involved?:	Not reported
Resp Agncy Personel # Of Decontaminated:	Not reported
Responding Agency Personel # Of Injuries:	Not reported
Responding Agency Personel # Of Fatalities:	Not reported
Others Number Of Decontaminated:	Not reported
Others Number Of Injuries:	Not reported
Others Number Of Fatalities:	Not reported
Vehicle Make/year:	Not reported
Vehicle License Number:	Not reported
Vehicle State:	Not reported
Vehicle Id Number:	Not reported
CA DOT PUC/ICC Number:	Not reported
Company Name:	Not reported
Reporting Officer Name/ID:	Not reported
Report Date:	Not reported
Facility Telephone:	Not reported
Waterway Involved:	No
Waterway:	Not reported
Spill Site:	Not reported
Cleanup By:	Unknown
Containment:	Not reported
What Happened:	Not reported
Type:	Not reported
Measure:	Not reported
Other:	Not reported
Date/Time:	Not reported
Year:	2000
Agency:	Arco
Incident Date:	8/31/200012:00:00 AM
Admin Agency:	San Mateo County Environmental Health
Amount:	Not reported
Contained:	Yes
Site Type:	Service Station
E Date:	Not reported
Substance:	gasoline with rinsat
Gallons:	500
Unknown:	0
Substance #2:	Not reported
Substance #3:	Not reported
Evacuations:	0
Number of Injuries:	0
Number of Fatalities:	0
#1 Pipeline:	Not reported
#2 Pipeline:	Not reported
#3 Pipeline:	Not reported
#1 Vessel >= 300 Tons:	Not reported
#2 Vessel >= 300 Tons:	Not reported
#3 Vessel >= 300 Tons:	Not reported
Evacs:	Not reported
Injuries:	Not reported
Fatals:	Not reported
Comments:	Not reported
Description:	During the process of removing a tank, the construction crew left, upon returning later to

ARCO (Continued) **S103950587**

find the tank had emptied.

HIST CORTESE:

edr_fname:	ARCO
edr_fadd1:	151 SOUTHGATE
City,State,Zip:	DALY CITY, CA 94015
Region:	CORTESE
Facility County Code:	41
Reg By:	LTNKA
Reg Id:	41-0028

C13 **BP WEST COAST PRODUCTS LLC 00465** **RCRA NonGen / NLR** **1024854218**
West **151 SOUTHGATE AVE** **CAL000414886**
< 1/8 **DALY CITY, CA 94015**
0.021 mi.
113 ft. **Site 3 of 11 in cluster C**

Relative: **Higher**

Actual: **103 ft.**

RCRA NonGen / NLR:

Date Form Received by Agency:	2016-03-04 00:00:00.0
Handler Name:	BP WEST COAST PRODUCTS LLC 00465
Handler Address:	151 SOUTHGATE AVE
Handler City,State,Zip:	DALY CITY, CA 94015-3160
EPA ID:	CAL000414886
Contact Name:	SARAH SAMUELS
Contact Address:	4519 GRANDVIEW RD
Contact City,State,Zip:	BLAINE, WA 98230-0000
Contact Telephone:	360-371-8111
Contact Fax:	Not reported
Contact Email:	SARAH.SAMUELS@BP.COM
Contact Title:	Not reported
EPA Region:	09
Land Type:	Not reported
Federal Waste Generator Description:	Not a generator, verified
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Handler Activities
State District Owner:	Not reported
State District:	Not reported
Mailing Address:	600 SW 39TH ST #275
Mailing City,State,Zip:	RENTON, CA 98057
Owner Name:	BP PRODUCTS NORTH AMERICA
Owner Type:	Other
Operator Name:	SARAH SAMUELS
Operator Type:	Other
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	Yes
Universal Waste Destination Facility:	Yes

BP WEST COAST PRODUCTS LLC 00465 (Continued) **1024854218**

Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2018-09-06 17:07:32.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Handler - Owner Operator:

Owner/Operator Indicator:	Operator
Owner/Operator Name:	SARAH SAMUELS
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	4519 GRANDVIEW RD
Owner/Operator City,State,Zip:	BLAINE, WA 98230-0000
Owner/Operator Telephone:	360-371-8111
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

BP WEST COAST PRODUCTS LLC 00465 (Continued) **1024854218**

Owner/Operator Indicator:	Owner
Owner/Operator Name:	BP PRODUCTS NORTH AMERICA
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	4519 GRANDVIEW RD
Owner/Operator City,State,Zip:	BLAINE, WA 98230-0000
Owner/Operator Telephone:	360-371-8111
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	2016-03-04 00:00:00.0
Handler Name:	BP WEST COAST PRODUCTS LLC 00465
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

List of NAICS Codes and Descriptions:

NAICS Code:	44719
NAICS Description:	OTHER GASOLINE STATIONS

Facility Has Received Notices of Violations:

Violations:	No Violations Found

Evaluation Action Summary:

Evaluations:	No Evaluations Found

C14 **MONTE MIKE** **EDR Hist Auto** **1020216850**
West **151 SOUTHGATE AVE** **N/A**
< 1/8 **DALY CITY, CA 94015**
0.021 mi.
113 ft. **Site 4 of 11 in cluster C**

Relative: EDR Hist Auto
Higher

Actual: **103 ft.**

Year:	Name:	Type:
1970	WESTLAKE RICHFIELD SERVICE STN	Gasoline Service Stations
1971	WESTLAKE RICHFIELD SERVICE STN	Gasoline Service Stations
1972	WESTLAKE RICHFIELD SERVICE STN	Gasoline Service Stations
1973	WESTLAKE ARCO SERVICE STATION	Gasoline Service Stations
1974	WESTLAKE ARCO SERVICE STATION	Gasoline Service Stations
1976	WESTLAKE ARCO SERVICE STATION	Gasoline Service Stations
1977	WESTLAKE ARCO SERVICE STATION	Gasoline Service Stations
1982	MONTE FRANK	Gasoline Service Stations
1983	MONTE FRANK	Gasoline Service Stations
1985	MONTE FRANK	Gasoline Service Stations

MONTE MIKE (Continued) **1020216850**

1986	MONTE FRANK	Gasoline Service Stations
1987	MONTE FRANK	Gasoline Service Stations
1988	MONTE FRANK	Gasoline Service Stations
1989	MONTE FRANK	Gasoline Service Stations, NEC
1989	WESTLAKE RICHFIELD SERV	Gasoline Service Stations
1990	MONTE FRANK	Gasoline Service Stations, NEC
1991	WESTLAKE RICHFIELD SERV	Gasoline Service Stations
1991	MONTE FRANK	Gasoline Service Stations, NEC
1992	WESTLAKE RICHFIELD SERV	Gasoline Service Stations
1992	MONTE FRANK	Gasoline Service Stations, NEC
1993	MONTE FRANK	Gasoline Service Stations, NEC
1993	WESTLAKE RICHFIELD SERV	Gasoline Service Stations
1994	MONTE MIKE	Gasoline Service Stations, NEC
1995	MONTE MIKE	Gasoline Service Stations, NEC
1996	MONTE MIKE	Gasoline Service Stations, NEC
1997	MONTE MIKE	Gasoline Service Stations, NEC
1998	MONTE MIKE	Gasoline Service Stations, NEC
1999	MONTE MIKE	Gasoline Service Stations, NEC
2000	MONTE MIKE	Gasoline Service Stations, NEC
2001	MONTE MIKE	Gasoline Service Stations, NEC
2002	MONTE MIKE	Gasoline Service Stations, NEC
2003	MONTE MIKE	Gasoline Service Stations, NEC
2004	MONTE MIKE	Gasoline Service Stations, NEC
2005	MONTE MIKE	Gasoline Service Stations, NEC
2006	MONTE MIKE	Gasoline Service Stations, NEC
2007	MONTE MIKE	Gasoline Service Stations, NEC
2008	MONTE MIKE	Gasoline Service Stations, NEC
2009	MONTE MIKE	Gasoline Service Stations, NEC
2010	MONTE MIKE	Gasoline Service Stations, NEC
2011	MONTE MIKE	Gasoline Service Stations, NEC
2012	MONTE MIKE	Gasoline Service Stations, NEC
2013	MONTE MIKE	Gasoline Service Stations, NEC
2014	MONTE MIKE	Gasoline Service Stations, NEC

C15 **ARCO 00465** **UST** **U004262397**
West **151 SOUTHGATE AVE** **N/A**
< 1/8 **DALY CITY, CA 94015**
0.021 mi.
113 ft. **Site 5 of 11 in cluster C**

Relative:
Higher

Actual:
103 ft.

UST:

Name:	ARCO 00465
Address:	151 SOUTHGATE AVE
City,State,Zip:	DALY CITY, CA 94015
Facility ID:	41-000-017151
Permitting Agency:	San Mateo County Environmental Health
Latitude:	37.697273
Longitude:	-122.483276

C16 **WESTLAKE ARCO SERVICE** **RCRA NonGen / NLR** **1024790310**
West **151 SOUTHGATE AVE** **CAL000081673**
< 1/8 **DALY CITY, CA 94015**
0.021 mi.
113 ft. **Site 6 of 11 in cluster C**

Relative:
Higher

Actual:
103 ft.

RCRA NonGen / NLR:

Date Form Received by Agency:		1993-07-26 00:00:00.0
Handler Name:	WESTLAKE ARCO SERVICE	
Handler Address:		151 SOUTHGATE AVE
Handler City,State,Zip:		DALY CITY, CA 94015-3160
EPA ID:		CAL000081673
Contact Name:		MIKE MONTE
Contact Address:		251 BILLINGSGATE LN
Contact City,State,Zip:		DALY CITY, CA 94015
Contact Telephone:		650-755-4878
Contact Fax:		650-757-6933
Contact Email:		ARCO0465@SBCGLOBAL.NET
Contact Title:		Not reported
EPA Region:		09
Land Type:		Not reported
Federal Waste Generator Description:		Not a generator, verified
Non-Notifier:		Not reported
Biennial Report Cycle:		Not reported
Accessibility:		Not reported
Active Site Indicator:		Handler Activities
State District Owner:		Not reported
State District:		Not reported
Mailing Address:		151 SOUTHGATE AVE
Mailing City,State,Zip:		DALY CITY, CA 94015-3160
Owner Name:		MIKE MONTE
Owner Type:		Other
Operator Name:		MIKE MONTE
Operator Type:		Other
Short-Term Generator Activity:		No
Importer Activity:		No
Mixed Waste Generator:		No
Transporter Activity:		No
Transfer Facility Activity:		No
Recycler Activity with Storage:		No
Small Quantity On-Site Burner Exemption:		No
Smelting Melting and Refining Furnace Exemption:		No
Underground Injection Control:		No
Off-Site Waste Receipt:		No
Universal Waste Indicator:		Yes
Universal Waste Destination Facility:		Yes
Federal Universal Waste:		No
Active Site Fed-Reg Treatment Storage and Disposal Facility:		Not reported
Active Site Converter Treatment storage and Disposal Facility:		Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:		Not reported
Active Site State-Reg Handler:		---
Federal Facility Indicator:		Not reported
Hazardous Secondary Material Indicator:		N
Sub-Part K Indicator:		Not reported
Commercial TSD Indicator:		No
Treatment Storage and Disposal Type:		Not reported
2018 GPRA Permit Baseline:		Not on the Baseline
2018 GPRA Renewals Baseline:		Not on the Baseline
Permit Renewals Workload Universe:		Not reported

WESTLAKE ARCO SERVICE (Continued) **1024790310**

Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2018-09-05 15:42:09.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name:	MIKE MONTE
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	251 BILLINGSGALE LN
Owner/Operator City,State,Zip:	FOSTER CITY, CA 94015-0000
Owner/Operator Telephone:	650-755-4878
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	MIKE MONTE
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	251 BILLINGSGATE LN
Owner/Operator City,State,Zip:	DALY CITY, CA 94015
Owner/Operator Telephone:	650-755-4878
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

WESTLAKE ARCO SERVICE (Continued) **1024790310**

Historic Generators:
- Receive Date: 1993-07-26 00:00:00.0
- Handler Name: WESTLAKE ARCO SERVICE
- Federal Waste Generator Description: Not a generator, verified
- State District Owner: Not reported
- Large Quantity Handler of Universal Waste: No
- Recognized Trader Importer: No
- Recognized Trader Exporter: No
- Spent Lead Acid Battery Importer: No
- Spent Lead Acid Battery Exporter: No
- Current Record: Yes
- Non Storage Recycler Activity: Not reported
- Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:
- NAICS Code: 811111
- NAICS Description: GENERAL AUTOMOTIVE REPAIR

Facility Has Received Notices of Violations:
- Violations: No Violations Found

Evaluation Action Summary:
- Evaluations: No Evaluations Found

C17 **ARCO FACILITY #0465** **SWEEPS UST** **S101594029**
West **151 S GATE AVE** **HIST UST** **N/A**
< 1/8 **DALY CITY, CA 94015** **CA FID UST**
0.021 mi.
113 ft. **Site 7 of 11 in cluster C**

Relative: Higher

Actual: 103 ft.

SWEEPS UST:
- Name: ARCO FACILITY #0465
- Address: 151 S GATE AVE
- City: DALY CITY
- Status: Active
- Comp Number: 220034
- Number: 1
- Board Of Equalization: Not reported
- Referral Date: 03-25-94
- Action Date: 03-25-94
- Created Date: 10-13-88
- Owner Tank Id: Not reported
- SWRCB Tank Id: 41-000-220034-000001
- Tank Status: A
- Capacity: 10000
- Active Date: 03-25-94
- Tank Use: M.V. FUEL
- STG: P
- Content: REG UNLEADED
- Number Of Tanks: 8

- Name: ARCO FACILITY #0465
- Address: 151 S GATE AVE
- City: DALY CITY
- Status: Active

ARCO FACILITY #0465 (Continued) **S101594029**

Comp Number: 220034
Number: 1
Board Of Equalization: Not reported
Referral Date: 03-25-94
Action Date: 03-25-94
Created Date: 10-13-88
Owner Tank Id: Not reported
SWRCB Tank Id: 41-000-220034-000002
Tank Status: A
Capacity: 10000
Active Date: 03-25-94
Tank Use: M.V. FUEL
STG: P
Content: REG UNLEADED
Number Of Tanks: Not reported

Name: ARCO FACILITY #0465
Address: 151 S GATE AVE
City: DALY CITY
Status: Active
Comp Number: 220034
Number: 1
Board Of Equalization: Not reported
Referral Date: 03-25-94
Action Date: 03-25-94
Created Date: 10-13-88
Owner Tank Id: Not reported
SWRCB Tank Id: 41-000-220034-000003
Tank Status: A
Capacity: 8000
Active Date: 03-25-94
Tank Use: M.V. FUEL
STG: P
Content: PRM UNLEADED
Number Of Tanks: Not reported

Name: ARCO FACILITY #0465
Address: 151 S GATE AVE
City: DALY CITY
Status: Active
Comp Number: 220034
Number: 1
Board Of Equalization: Not reported
Referral Date: 03-25-94
Action Date: 03-25-94
Created Date: 10-13-88
Owner Tank Id: Not reported
SWRCB Tank Id: 41-000-220034-000004
Tank Status: A
Capacity: 550
Active Date: 03-25-94
Tank Use: OIL
STG: W
Content: WASTE OIL
Number Of Tanks: Not reported

Name: ARCO FACILITY #0465

ARCO FACILITY #0465 (Continued) **S101594029**

Address:	151 S GATE AVE
City:	DALY CITY
Status:	Active
Comp Number:	220034
Number:	1
Board Of Equalization:	Not reported
Referral Date:	03-25-94
Action Date:	03-25-94
Created Date:	10-13-88
Owner Tank Id:	1-UNL-R
SWRCB Tank Id:	41-000-220034-000005
Tank Status:	A
Capacity:	10000
Active Date:	07-07-92
Tank Use:	M.V. FUEL
STG:	P
Content:	REG UNLEADED
Number Of Tanks:	Not reported

Name:	ARCO FACILITY #0465
Address:	151 S GATE AVE
City:	DALY CITY
Status:	Active
Comp Number:	220034
Number:	1
Board Of Equalization:	Not reported
Referral Date:	03-25-94
Action Date:	03-25-94
Created Date:	10-13-88
Owner Tank Id:	2-UNL-R
SWRCB Tank Id:	41-000-220034-000006
Tank Status:	A
Capacity:	10000
Active Date:	07-07-92
Tank Use:	M.V. FUEL
STG:	P
Content:	REG UNLEADED
Number Of Tanks:	Not reported

Name:	ARCO FACILITY #0465
Address:	151 S GATE AVE
City:	DALY CITY
Status:	Active
Comp Number:	220034
Number:	1
Board Of Equalization:	Not reported
Referral Date:	03-25-94
Action Date:	03-25-94
Created Date:	10-13-88
Owner Tank Id:	3-UNL-P
SWRCB Tank Id:	41-000-220034-000007
Tank Status:	A
Capacity:	8000
Active Date:	07-07-92
Tank Use:	M.V. FUEL
STG:	P
Content:	REG UNLEADED

ARCO FACILITY #0465 (Continued) **S101594029**

Number Of Tanks: Not reported

Name: ARCO FACILITY #0465
Address: 151 S GATE AVE
City: DALY CITY
Status: Active
Comp Number: 220034
Number: 1
Board Of Equalization: Not reported
Referral Date: 03-25-94
Action Date: 03-25-94
Created Date: 10-13-88
Owner Tank Id: 4
SWRCB Tank Id: 41-000-220034-000008
Tank Status: A
Capacity: 500
Active Date: 07-07-92
Tank Use: OIL
STG: W
Content: WASTE OIL
Number Of Tanks: Not reported

HIST UST:
Name: F A AND M J MONTE
Address: 151 SOUTH GATE
City,State,Zip: DALY CITY, CA 94014
File Number: 0002BBA6
URL: http://geotracker.waterboards.ca.gov/ustpdfs/pdf/0002BBA6.pdf
Region: Not reported
Facility ID: Not reported
Facility Type: Not reported
Other Type: Not reported
Contact Name: Not reported
Telephone: Not reported
Owner Name: Not reported
Owner Address: Not reported
Owner City,St,Zip: Not reported
Total Tanks: Not reported

Tank Num: Not reported
Container Num: Not reported
Year Installed: Not reported
Tank Capacity: Not reported
Tank Used for: Not reported
Type of Fuel: Not reported
Container Construction Thickness: Not reported
Leak Detection: Not reported

Click here for Geo Tracker PDF:

CA FID UST:
Facility ID: 41004837
Regulated By: UTNKA
Regulated ID: Not reported
Cortese Code: Not reported
SIC Code: Not reported

ARCO FACILITY #0465 (Continued) **S101594029**

Facility Phone:	Not reported
Mail To:	Not reported
Mailing Address:	P O BOX
Mailing Address 2:	Not reported
Mailing City,St,Zip:	DALY CITY 94014
Contact:	Not reported
Contact Phone:	Not reported
DUNs Number:	Not reported
NPDES Number:	Not reported
EPA ID:	Not reported
Comments:	Not reported
Status:	Active

C18 **ARCO 00465** **CERS HAZ WASTE** **S121790257**
West **151 SOUTHGATE AVE** **CERS TANKS** **N/A**
< 1/8 **DALY CITY, CA 94015** **CERS**
0.021 mi.
113 ft. **Site 8 of 11 in cluster C**

Relative:
Higher

Actual:
103 ft.

CERS HAZ WASTE:

Name:	ARCO 00465
Address:	151 SOUTHGATE AVE
City,State,Zip:	DALY CITY, CA 94015
Site ID:	6748
CERS ID:	10065703
CERS Description:	Hazardous Waste Generator

CERS TANKS:

Name:	ARCO 00465
Address:	151 SOUTHGATE AVE
City,State,Zip:	DALY CITY, CA 94015
Site ID:	6748
CERS ID:	10065703
CERS Description:	Underground Storage Tank

CERS:

Name:	ARCO 00465
Address:	151 SOUTHGATE AVE
City,State,Zip:	DALY CITY, CA 94015
Site ID:	6748
CERS ID:	10065703
CERS Description:	Chemical Storage Facilities

Violations:

Site ID:	6748
Site Name:	ARCO 00465
Violation Date:	11-13-2015
Citation:	HSC 6.7 25292(e) - California Health and Safety Code, Chapter 6.7, Section(s) 25292(e)
Violation Description:	Failure to maintain secondary containment, as evidenced by failure of secondary containment testing.
Violation Notes:	Returned to compliance on 03/14/2016. 87 Main Fill Sump failed SB989 test on 09/18/2015.
Violation Division:	San Mateo County Environmental Health
Violation Program:	UST
Violation Source:	CERS

ARCO 00465 (Continued) **S121790257**

Site ID:	6748
Site Name:	ARCO 00465
Violation Date:	04-07-2016
Citation:	22 CCR 12 66262.34(d) - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.34(d)
Violation Description:	Failure to dispose of hazardous waste within 180 days (or 270 if waste is transported over 200 miles) for the generator who generates less than 1000 kilogram per month, but more than 100 kilograms per month.
Violation Notes:	Returned to compliance on 04/11/2016. Used oil has been accumulated past 180 days. Last pickup was 10/5/15. All hazardous waste must be disposed of within 180 days. Dispose of waste oil and submit documentation to the County within 30 days.
Violation Division:	San Mateo County Environmental Health
Violation Program:	HW
Violation Source:	CERS

Site ID:	6748
Site Name:	ARCO 00465
Violation Date:	04-04-2018
Citation:	HSC 6.95 25508.1(a)-(f) - California Health and Safety Code, Chapter 6.95, Section(s) 25508.1(a)-(f)
Violation Description:	Failure to electronically update business plan within 30 days of any one of the following events: A 100 percent or more increase in the quantity of a previously disclosed material. Any handling of a previously undisclosed hazardous materials at or above reportable quantities. A change of business address, business ownership, or business name. A substantial change in the handler's operations that requires modification to any portion of the business plan.
Violation Notes:	Returned to compliance on 04/29/2018. Used antifreeze and waste filters no longer on site, garage has closed. Remove waste filters and used antifreeze from HMBP chemical inventory and site map within the comply by date.
Violation Division:	San Mateo County Environmental Health
Violation Program:	HMRRP
Violation Source:	CERS

Site ID:	6748
Site Name:	ARCO 00465
Violation Date:	01-04-2017
Citation:	23 CCR 16 2665 - California Code of Regulations, Title 23, Chapter 16, Section(s) 2665
Violation Description:	Failure to comply with one or more of the following: Failure to install or maintain a liquid-tight spill bucket. Have a minimum capacity of five gallons. Have a functional drain valve or other method for the removal of liquid from the spill bucket/spill container. Be resistant to galvanic corrosion.
Violation Notes:	Returned to compliance on 01/04/2017. One of the spill buckets for the 87 quad failed. Filled to 9 3/8 inches at 9:52 am. Checked at 10:54 am - water fell below cap. Cap was replaced. Spill bucket refilled to 11 7/8 inches at 11:03 am. Checked 12:03 pm - passed.
Violation Division:	San Mateo County Environmental Health
Violation Program:	UST
Violation Source:	CERS

Site ID:	6748
Site Name:	ARCO 00465
Violation Date:	01-02-2018

ARCO 00465 (Continued) **S121790257**

Citation:	23 CCR 16 2665 - California Code of Regulations, Title 23, Chapter 16, Section(s) 2665
Violation Description:	Failure to comply with one or more of the following: Failure to install or maintain a liquid-tight spill bucket. Have a minimum capacity of five gallons. Have a functional drain valve or other method for the removal of liquid from the spill bucket/spill container. Be resistant to galvanic corrosion.
Violation Notes:	Returned to compliance on 01/31/2018. Cap for spill bucket #2 failed in 87 quad. Cap was replaced. Submit results to the inspector within the comply by date.
Violation Division:	San Mateo County Environmental Health
Violation Program:	UST
Violation Source:	CERS
Site ID:	6748
Site Name:	ARCO 00465
Violation Date:	04-07-2016
Citation:	HSC 6.95 25505.1 - California Health and Safety Code, Chapter 6.95, Section(s) 25505.1
Violation Description:	Failure to notify property owner in writing that the business is subject to the business plan program and has complied with its provisions.
Violation Notes:	Returned to compliance on 05/06/2016. OBSERVATION: Failure to notify property owner in writing that the business is subject to the business plan program and has complied with its provisions. CORRECTIVE ACTION: Provide verification to the County within 30 days that the property owner has been properly notified.
Violation Division:	San Mateo County Environmental Health
Violation Program:	HMRRP
Violation Source:	CERS

Evaluation:

Eval General Type:	Compliance Evaluation Inspection
Eval Date:	01-02-2018
Violations Found:	Yes
Eval Type:	Routine done by local agency
Eval Notes:	Not reported
Eval Division:	San Mateo County Environmental Health
Eval Program:	UST
Eval Source:	CERS
Eval General Type:	Other/Unknown
Eval Date:	01-02-2020
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Not reported
Eval Division:	San Mateo County Environmental Health
Eval Program:	UST
Eval Source:	CERS
Eval General Type:	Other/Unknown
Eval Date:	01-03-2017
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Not reported
Eval Division:	San Mateo County Environmental Health
Eval Program:	UST

ARCO 00465 (Continued) **S121790257**

Eval Source:	CERS
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	01-04-2017
Violations Found:	Yes
Eval Type:	Routine done by local agency
Eval Notes:	Not reported
Eval Division:	San Mateo County Environmental Health
Eval Program:	UST
Eval Source:	CERS
Eval General Type:	Other/Unknown
Eval Date:	01-05-2017
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Not reported
Eval Division:	San Mateo County Environmental Health
Eval Program:	UST
Eval Source:	CERS
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	01-06-2016
Violations Found:	No
Eval Type:	Routine done by local agency
Eval Notes:	87 spill bucket closest to Southgate Ave initially failed the test. Water dropped 1". Switched caps and tested again, water dropped again. Finally, tightened swivel gasket and bucket passed. SB989 due 3/2016.
Eval Division:	San Mateo County Environmental Health
Eval Program:	UST
Eval Source:	CERS
Eval General Type:	Other/Unknown
Eval Date:	01-07-2019
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Not reported
Eval Division:	San Mateo County Environmental Health
Eval Program:	UST
Eval Source:	CERS
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	01-08-2015
Violations Found:	No
Eval Type:	Routine done by local agency
Eval Notes:	Not reported
Eval Division:	San Mateo County Environmental Health
Eval Program:	UST
Eval Source:	CERS
Eval General Type:	Other/Unknown
Eval Date:	01-21-2015
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Not reported
Eval Division:	San Mateo County Environmental Health
Eval Program:	UST
Eval Source:	CERS

ARCO 00465 (Continued) **S121790257**

Eval General Type:	Compliance Evaluation Inspection
Eval Date:	01-22-2014
Violations Found:	No
Eval Type:	Routine done by local agency
Eval Notes:	Not reported
Eval Division:	San Mateo County Environmental Health
Eval Program:	HMRRP
Eval Source:	CERS

Eval General Type:	Compliance Evaluation Inspection
Eval Date:	01-22-2014
Violations Found:	No
Eval Type:	Routine done by local agency
Eval Notes:	Not reported
Eval Division:	San Mateo County Environmental Health
Eval Program:	HW
Eval Source:	CERS

Eval General Type:	Compliance Evaluation Inspection
Eval Date:	01-22-2014
Violations Found:	No
Eval Type:	Routine done by local agency
Eval Notes:	Not reported
Eval Division:	San Mateo County Environmental Health
Eval Program:	UST
Eval Source:	CERS

Eval General Type:	Compliance Evaluation Inspection
Eval Date:	01-23-2019
Violations Found:	No
Eval Type:	Routine done by local agency
Eval Notes:	Premium - 12,000 gallons Unleaded, 20,000 gallons
Eval Division:	San Mateo County Environmental Health
Eval Program:	UST
Eval Source:	CERS

Eval General Type:	Compliance Evaluation Inspection
Eval Date:	01-29-2020
Violations Found:	No
Eval Type:	Routine done by local agency
Eval Notes:	The latest HMBP was submitted n 2/9/2019 via CERS
Eval Division:	San Mateo County Environmental Health
Eval Program:	HMRRP
Eval Source:	CERS

Eval General Type:	Compliance Evaluation Inspection
Eval Date:	01-29-2020
Violations Found:	No
Eval Type:	Routine done by local agency
Eval Notes:	Waste generated at the facility: UST testing water, water removed from UDCs and sumps and spill buckets, waste absorbent. There are two 55 gallon drums storing non-hazardous waste (water from monitoring wells).
Eval Division:	San Mateo County Environmental Health
Eval Program:	HW
Eval Source:	CERS

ARCO 00465 (Continued) **S121790257**

Eval General Type: Other/Unknown
Eval Date: 01-29-2020
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Not reported
Eval Division: San Mateo County Environmental Health
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Other/Unknown
Eval Date: 01-29-2020
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Not reported
Eval Division: San Mateo County Environmental Health
Eval Program: HW
Eval Source: CERS

Eval General Type: Other/Unknown
Eval Date: 01-29-2020
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Not reported
Eval Division: San Mateo County Environmental Health
Eval Program: UST
Eval Source: CERS

Eval General Type: Other/Unknown
Eval Date: 01-30-2014
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Not reported
Eval Division: San Mateo County Environmental Health
Eval Program: UST
Eval Source: CERS

Eval General Type: Other/Unknown
Eval Date: 02-10-2017
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Not reported
Eval Division: San Mateo County Environmental Health
Eval Program: UST
Eval Source: CERS

Eval General Type: Other/Unknown
Eval Date: 02-11-2019
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Not reported
Eval Division: San Mateo County Environmental Health
Eval Program: UST
Eval Source: CERS

Eval General Type: Other/Unknown
Eval Date: 02-12-2018
Violations Found: No

ARCO 00465 (Continued) **S121790257**

Eval Type: Other, not routine, done by local agency
Eval Notes: Not reported
Eval Division: San Mateo County Environmental Health
Eval Program: UST
Eval Source: CERS

Eval General Type: Other/Unknown
Eval Date: 02-13-2019
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Not reported
Eval Division: San Mateo County Environmental Health
Eval Program: UST
Eval Source: CERS

Eval General Type: Other/Unknown
Eval Date: 02-26-2014
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Not reported
Eval Division: San Mateo County Environmental Health
Eval Program: UST
Eval Source: CERS

Eval General Type: Other/Unknown
Eval Date: 02-28-2014
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Not reported
Eval Division: San Mateo County Environmental Health
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Other/Unknown
Eval Date: 03-10-2015
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Not reported
Eval Division: San Mateo County Environmental Health
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Other/Unknown
Eval Date: 03-19-2020
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Not reported
Eval Division: San Mateo County Environmental Health
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Other/Unknown
Eval Date: 03-19-2020
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Not reported
Eval Division: San Mateo County Environmental Health

ARCO 00465 (Continued) **S121790257**

Eval Program:	UST
Eval Source:	CERS
Eval General Type:	Other/Unknown
Eval Date:	03-23-2020
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	3/22
Eval Division:	San Mateo County Environmental Health
Eval Program:	HMRRP
Eval Source:	CERS
Eval General Type:	Other/Unknown
Eval Date:	03-31-2020
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Not reported
Eval Division:	San Mateo County Environmental Health
Eval Program:	HMRRP
Eval Source:	CERS
Eval General Type:	Other/Unknown
Eval Date:	03-31-2020
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Not reported
Eval Division:	San Mateo County Environmental Health
Eval Program:	UST
Eval Source:	CERS
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	04-04-2018
Violations Found:	No
Eval Type:	Routine done by local agency
Eval Notes:	Garage is closed. Facility no longer generates used oil. Used oil UST is no longer being used. All wastes in the garage have been properly disposed of and manifests have been provided. Current hazardous waste streams: Water/gasoline mixture - 30 gallons Used fuel filters/hoses - 30 gallons Soil cuttings (pending determination)
Eval Division:	San Mateo County Environmental Health
Eval Program:	HW
Eval Source:	CERS
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	04-04-2018
Violations Found:	Yes
Eval Type:	Routine done by local agency
Eval Notes:	Hazardous materials above threshold: Used oil tank - 500 gal Gasoline (all gardes) - 32,000
Eval Division:	San Mateo County Environmental Health
Eval Program:	HMRRP
Eval Source:	CERS
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	04-07-2016
Violations Found:	Yes
Eval Type:	Routine done by local agency

ARCO 00465 (Continued) **S121790257**

Eval Notes: Not reported
Eval Division: San Mateo County Environmental Health
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 04-07-2016
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: San Mateo County Environmental Health
Eval Program: HW
Eval Source: CERS

Eval General Type: Other/Unknown
Eval Date: 04-07-2017
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Not reported
Eval Division: San Mateo County Environmental Health
Eval Program: UST
Eval Source: CERS

Eval General Type: Other/Unknown
Eval Date: 04-09-2018
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Not reported
Eval Division: San Mateo County Environmental Health
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Other/Unknown
Eval Date: 05-19-2020
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Permit for minor repair review
Eval Division: San Mateo County Environmental Health
Eval Program: UST
Eval Source: CERS

Eval General Type: Other/Unknown
Eval Date: 05-25-2016
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Not reported
Eval Division: San Mateo County Environmental Health
Eval Program: UST
Eval Source: CERS

Eval General Type: Other/Unknown
Eval Date: 07-22-2020
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Not reported
Eval Division: San Mateo County Environmental Health
Eval Program: UST

ARCO 00465 (Continued) **S121790257**

Eval Source: CERS

Eval General Type: Other/Unknown
Eval Date: 07-25-2016
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Not reported
Eval Division: San Mateo County Environmental Health
Eval Program: UST
Eval Source: CERS

Eval General Type: Other/Unknown
Eval Date: 09-08-2015
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Not reported
Eval Division: San Mateo County Environmental Health
Eval Program: UST
Eval Source: CERS

Eval General Type: Other/Unknown
Eval Date: 09-16-2020
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: ENF ACTIVITY
Eval Division: San Mateo County Environmental Health
Eval Program: UST
Eval Source: CERS

Eval General Type: Other/Unknown
Eval Date: 09-24-2018
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Not reported
Eval Division: San Mateo County Environmental Health
Eval Program: UST
Eval Source: CERS

Eval General Type: Other/Unknown
Eval Date: 11-13-2015
Violations Found: Yes
Eval Type: Other, not routine, done by local agency
Eval Notes: Not reported
Eval Division: San Mateo County Environmental Health
Eval Program: UST
Eval Source: CERS

Eval General Type: Other/Unknown
Eval Date: 11-16-2017
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Not reported
Eval Division: San Mateo County Environmental Health
Eval Program: UST
Eval Source: CERS

ARCO 00465 (Continued) **S121790257**

Enforcement Action:

Site ID:	6748
Site Name:	ARCO 00465
Site Address:	151 SOUTHGATE AVE
Site City:	DALY CITY
Site Zip:	94015
Enf Action Date:	06-08-2016
Enf Action Type:	Notice of Violation (Unified Program)
Enf Action Description:	Notice of Violation Issued by the Inspector at the Time of Inspection
Enf Action Notes:	Not reported
Enf Action Division:	San Mateo County Environmental Health
Enf Action Program:	HMRRP
Enf Action Source:	CERS

Coordinates:

Site ID:	6748
Facility Name:	ARCO 00465
Env Int Type Code:	HWG
Program ID:	10065703
Coord Name:	Not reported
Ref Point Type Desc:	Unknown
Latitude:	37.697260
Longitude:	-122.483260

Affiliation:

Affiliation Type Desc:	Environmental Contact
Entity Name:	KIMBERLY MEDICUS, RETAIL COMPLIANCE COORDINATOR
Entity Title:	Not reported
Affiliation Address:	PO BOX 6038
Affiliation City:	ARTESIA
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	90702
Affiliation Phone:	Not reported

Affiliation Type Desc:	Facility Mailing Address
Entity Name:	Mailing Address
Entity Title:	Not reported
Affiliation Address:	PO BOX 6038
Affiliation City:	ARTESIA
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	90702
Affiliation Phone:	Not reported

Affiliation Type Desc:	Operator
Entity Name:	MICHAEL J MONTE
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	(650) 755-4878

Affiliation Type Desc:	UST Tank Operator

ARCO 00465 (Continued) **S121790257**

Entity Name:	MICHAEL J MONTE
Entity Title:	Not reported
Affiliation Address:	151 SOUTHGATE AVE
Affiliation City:	DALY CITY
Affiliation State:	CA
Affiliation Country:	United States
Affiliation Zip:	94015
Affiliation Phone:	(650) 755-4878
Affiliation Type Desc:	CUPA District
Entity Name:	San Mateo County Environmental Health
Entity Title:	Not reported
Affiliation Address:	2000 Alameda de las Pulgas, Suite 100
Affiliation City:	San Mateo
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	94403
Affiliation Phone:	(650) 372-6200
Affiliation Type Desc:	Document Preparer
Entity Name:	BELSHIRE ENVIRONMENTAL SERVICES, INC
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	Not reported
Affiliation Type Desc:	UST Permit Applicant
Entity Name:	SARAH SAMUELS
Entity Title:	RETAIL COMPLIANCE COORDINATOR
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	(360) 371-1500
Affiliation Type Desc:	UST Tank Owner
Entity Name:	BP PRODUCTS NORTH AMERICA, INC
Entity Title:	Not reported
Affiliation Address:	PO BOX 6038
Affiliation City:	ARTESIA
Affiliation State:	CA
Affiliation Country:	United States
Affiliation Zip:	90702
Affiliation Phone:	(360) 970-2296
Affiliation Type Desc:	Identification Signer
Entity Name:	KIMBERLY MEDICUS
Entity Title:	RETAIL COMPLIANCE COORDINATOR
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported

ARCO 00465 (Continued) **S121790257**

Affiliation Phone:	Not reported
Affiliation Type Desc:	Parent Corporation
Entity Name:	BP PRODUCTS NORTH AMERICA, INC.
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	Not reported
Affiliation Type Desc:	UST Property Owner Name
Entity Name:	BP PRODUCTS NORTH AMERICA, INC
Entity Title:	Not reported
Affiliation Address:	PO BOX 6038
Affiliation City:	ARTESIA
Affiliation State:	CA
Affiliation Country:	United States
Affiliation Zip:	90702
Affiliation Phone:	(360) 970-2296
Affiliation Type Desc:	Legal Owner
Entity Name:	BP PRODUCTS NORTH AMERICA, INC
Entity Title:	Not reported
Affiliation Address:	PO BOX 6038
Affiliation City:	ARTESIA
Affiliation State:	CA
Affiliation Country:	United States
Affiliation Zip:	90702
Affiliation Phone:	(360) 970-2296
Affiliation Type Desc:	Property Owner
Entity Name:	KIMCO WESTLAKE L.P
Entity Title:	Not reported
Affiliation Address:	PO BOX 6038
Affiliation City:	NEW HYDE PARK,
Affiliation State:	NY
Affiliation Country:	United States
Affiliation Zip:	11042
Affiliation Phone:	(360) 970-2296

C19 **ARCO 0465** **LUST** **S101303078**
West **151 SOUTHGATE** **Cortese** **N/A**
< 1/8 **DALY CITY, CA 94015** **CERS**
0.021 mi.
113 ft. **Site 9 of 11 in cluster C**

Relative:
Higher

Actual:
103 ft.

SAN MATEO CO. LUST:

Name:	ARCO #0465
Address:	151 SOUTHGATE AVE
City,State,Zip:	DALY CITY, CA
Region:	SAN MATEO
Facility ID:	220033
Facility Status:	5C- Pollution Characterization
Global ID:	T0608100027
APN Number:	002201550

ARCO 0465 (Continued) **S101303078**

Case Type: DALY CITY, CA
EDR Link ID: DALY CITY, CA

LUST REG 2:
Region: 2
Facility Id: Not reported
Facility Status: Pollution Characterization
Case Number: 220033
How Discovered: OM
Leak Cause: Unknown
Leak Source: Unknown
Date Leak Confirmed: Not reported
Oversight Program: LUST
Prelim. Site Assesment Wokplan Submitted: Not reported
Preliminary Site Assesment Began: Not reported
Pollution Characterization Began: 9/9/2003
Pollution Remediation Plan Submitted: Not reported
Date Remediation Action Underway: 1/1/1965
Date Post Remedial Action Monitoring Began: 12/22/1992

LUST:
Name: ARCO #465
Address: 151 SOUTHGATE AVENUE
City,State,Zip: DALY CITY, CA 94015
Lead Agency: SAN MATEO COUNTY LOP
Case Type: LUST Cleanup Site
Geo Track: http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0608100027
Global Id: T0608100027
Latitude: 37.697313039532
Longitude: -122.48314037919
Status: Open - Verification Monitoring
Status Date: 11/13/2019
Case Worker: DGM
RB Case Number: 41-0028
Local Agency: SAN MATEO COUNTY LOP
File Location: Local Agency
Local Case Number: 220033
Potential Media Affect: Aquifer used for drinking water supply
Potential Contaminants of Concern: Gasoline, MTBE / TBA / Other Fuel Oxygenates
Site History: Extracted from Stantec's June 14, 2010 Additional Site Assessment Report and Site Conceptual Model, San Mateo County does not take responsibility for the accuracy of statements or professional interpretations made in the referenced report. Refer to Appendix A in the 1Q19 Groundwater Monitoring and SVE System O&M Report prepared by the Antea Group for more recent information. The site is located at the southern corner of the intersection of Southgate Avenue and Lake Merced Boulevard in Daly City, California. The site is an active retail fuel dispensing facility with a station building and service area, six dispensers, two blended gasoline underground storage tanks (USTs) and one waste-oil UST. Currently the site has six groundwater monitoring wells (MW-1 through MW-6) and eight soil vapor extraction (SVE) wells (V-1 through V-8), one of which is used for groundwater monitoring (V-8). During the most recent assessment, wells MW-7, MW-8, and MW-9 were installed. A remediation equipment compound is located in the southern corner of the site. Mixed commercial and residential properties surround the site. Burlington Coat Factory is

ARCO 0465 (Continued) **S101303078**

located to the east of the site; two apartment complexes are located south and north of the site, a dry cleaner facility and a shopping mall are located west of the site. Site topography slopes to the northwest, at an approximate elevation of 100 feet above mean sea level (MSL). Regionally, topography near the site slopes toward the east northeast. According to the California State GeoTracker database, former Southgate Cleaners is located at 183 Southgate Avenue, Daly City, approximately 100 feet west-southwest of the site. A review of available site information indicates that a leak of tetrachloroethylene (PCE) has occurred on the property from former dry cleaning operations. Based on the information presented Treadwell & Rollos February 11, 2110 Work Plan for Additional Site Investigation, it appears dry cleaning solvent vapor is present in the shallow soil at adjacent to the western property line of the subject site. Additional assessment adjacent to the subject site has been proposed by Treadwell & Rollo. An initial subsurface investigation was performed at the site in March 1992. The results of this investigation indicated that soil and groundwater in the vicinity of the gasoline UST complex had been impacted by petroleum hydrocarbons. Soil in the vicinity of the waste oil UST was also found to be impacted by both low boiling point hydrocarbons which were quantified as total petroleum hydrocarbons as gasoline (TPHg) and higher boiling point hydrocarbons which were quantified as TPH as diesel (TPHd) and total recoverable petroleum hydrocarbons (TRPH). Low concentrations of semi-volatile organic compounds (SVOCs) and polychlorinated biphenyls (PCBs) were also reported in soil samples collected during the assessment. Groundwater monitoring wells MW-1 and MW-2 were installed at depths of approximately 70.5 feet and 61.5 feet below ground surface (bgs), respectively, to intercept a perched groundwater horizon. In October and November 1992, following additional subsurface investigation activities, deep groundwater monitoring well MW-3D was installed to a depth of approximately 220 feet bgs to intercept the upper portion of the regional groundwater aquifer. The GPP noted in a letter dated July 5, 2001, that because MW-3D is screened from 202 bgs to 220 feet bgs (below an approximate 10-foot-thick clayey silt to silty clay zone) ... (MW-3D) may represent the deeper drinking water aquifer." In January 1993, quarterly groundwater monitoring activities were initiated at the site. In June 1993, groundwater monitoring well MW-4 was installed to a depth of approximately 63 feet bgs to further assess groundwater quality in the perched groundwater horizon. In March through May 1993, an internal combustion engine SVE system was installed and started at the site. The system, which initially utilized wells V-1, V-2, V-3, V-6, V-7, V-8, MW-1, and MW-2 was operated through April 1994, when the internal combustion engine was removed. During this period of operation, an estimated 5,494 pounds of TPHg were removed from beneath the site. In June 1995, a catalytic oxidizer unit was installed and the SVE system was restarted utilizing the same well array used in July 1993. Based on a decrease in extracted petroleum hydrocarbon vapor concentrations by the SVE system and consistently low to non-detectable concentrations in groundwater, the SVE system was shut down in October 1997, and site closure was requested in November 1997. At that time, the site and vicinity contained four groundwater monitoring wells and eight SVE extraction wells (V-1 through V-8). An estimated total of 11,563 pounds of TPHg and 45.34 pounds of benzene were recovered during operation of the SVE system. On October 21, 1997, Gettler-Ryan removed a 520-gallon capacity waste

ARCO 0465 (Continued) **S101303078**

oil UST and excavated the UST cavity to approximately nine feet bgs. On October 30, 1997, Gettler-Ryan further excavated the pit to a depth of approximately 15 feet bgs, and in an easterly direction, to a depth of approximately 3 feet from the edge of the original excavation. Approximately 60 cubic yards of soil excavated from the pit was transported for offsite disposal by Dillard Trucking. The new waste oil UST and associated piping and vents were replaced, the excavation was backfilled, and the surface asphalted on October 31, 1997. In January 1998, six confirmation soil borings (CSB-1 through CSB-6) were advanced to determine if operation of the temporary soil vapor extraction system had reduced the gasoline concentration in soil to levels acceptable for regulatory case closure. The borings were advanced to depths ranging from 30.5 feet to 55.5 feet bgs using a drill rig equipped with 8-inch diameter hollow stem augers. Results of the investigation indicated that concentrations of TPHg, TPHd, and TRPH were present in soil samples collected from CSB-5 and CSB-6. Soil samples collected from CSB-6 were also reported to contain concentrations of heavy oil. Benzene was not detected in any of the soil samples collected. MtBE was reported in soil samples collected from the boring of CSB-3 at depths of 15 and 21 feet bgs. Concentrations of ethylbenzene, total xylenes, 2-methylnaphthalene, PCB aroclor 1248, and total metals were detected in soil samples collected from CSB-6 at depths of 5 and 15 feet bgs. On March 4, 1999, Gettler-Ryan removed the product lines which carried fuel from the USTs to the three fuel pump islands at the site. The soil underlying the fuel line trenches was observed to be stained and exhibited a gasoline odor. As the excavation continued, product odor and gray staining of the soil were observed in the trench between the central and northern two pump islands. Six trench floor soil samples (T-1 through T-6) and eight soil samples from beneath the dispensers (D-1 through D-8) were collected and analyzed for TPHg, BTEX, MtBE, and lead. Due to elevated concentrations of gasoline in soil samples T-2, T-4, T-6, D-5, and D-8, soil was excavated to approximately 8 to 10 feet bgs and confirmation samples (T-2A, T-4A, T-6A, D-5A, and D-8A) were collected from the bottom of the over-excavated trenches. Approximately 127 tons of soil were removed from the site after the excavation, and transported by Dillard Trucking to a Browning Ferris Industries offsite disposal facility for proper disposal. Between August 28, 2000 and September 6, 2000, two 10,000-gallon unleaded gasoline USTs, one 8,000-gallon UST, and associated product lines and dispensers were removed from the site. Over-excavation of the UST area was confined to the expansion area intended for the new USTs. During UST replacement activities performed in August and September 2000, Henderson Construction Company, the ARC subcontractor performing the replacement, reported an unauthorized release of approximately 500 gallons of a mixture of gasoline and rinsate water from one of the gasoline USTs. The spill was apparently caused by attempting to remove the UST with the rinsate water still inside the UST. A portable dual-phase extraction (DPE) system was mobilized to the site shortly thereafter, and operated for a 10-day period to mitigate the effects of the reported release. As previously noted, during UST replacement activities performed in August and September 2000, Henderson Construction Company, the ARC subcontractor performing the replacement, reported an unauthorized release of approximately 500 gallons of a mixture of gasoline and rinsate water from one of the gasoline USTs. The spill was apparently caused by attempting to remove the UST with the rinsate water still inside the

ARCO 0465 (Continued) **S101303078**

UST. A portable dual phase extraction (DPE) system was subsequently mobilized to the site by Cal Clean, and operated for a 10-day period to mitigate the effects of the reported release. Since downhole stingers were not used and groundwater was not recovered during the test, the equipment was used as soil vapor extraction system that extracted soil vapor at 250 standard cubic feet per minute (scfm) with a system vacuum of 16-inches of mercury. A source test was performed utilizing wells V-1, V-2, V-5, and V-8, and SVE was subsequently performed utilizing wells V-1, V-2, and V-5 as extraction wells, and wells V-4, V-6, V-7, and V-8 as observation wells. Individual extraction test were completed using wells V-1, V-2, and V-5. Field observations and measurements recorded during the SVE event resulted in calculation of a maximum effective radius of influence (ROI) of 50 feet in groundwater. The ROI was calculated using induced vacuum readings collected from wells V-4, V-6, V-7, and V-8 that were located from 20 to 95 feet away from the extraction well V-2. The induced vacuum readings ranged from 2.3 to 5.5-inchs of water in response to a system vacuum of 16-inches of mercury. During the 240-hour SVE event, approximately 4,333 pounds (713 gallons) of petroleum hydrocarbons were removed from the subsurface, a mass significantly greater than the reported release of approximately 500 gallons of a gasoline and rinsate mixture. A review of the data collected during the extraction event indicated that SVE wells located in the vicinity of the former fuel UST cavity and the area of the waste oil UST yielded the highest soil vapor concentrations. Soil vapor concentrations from well V-5 yielded concentrations that continued on an increasing trend throughout the 10-day period. The increase of petroleum hydrocarbons in soil vapor samples collected from V-5 at the conclusion of the interim event indicated that petroleum hydrocarbon mass remains in soil in the area of the former waste oil UST. Based on the past performance of the SVE remediation efforts, SECOR concluded that soil vapor extraction is a viable technology for removing petroleum hydrocarbon mass from the unsaturated soil beneath the site. In November 2001, SECOR installed two wells (MW-5 and MW-6) and advanced one soil boring (SB-1). Wells MW-5 and MW-6 were completed at a depth of 60 feet bgs. Groundwater samples have been obtained from MW-6, but MW-5 has been generally dry since the well was installed. Recent groundwater samples collected from MW-5 in July 2008 indicated elevated concentrations of gasoline range organics (GRO), MtBE, and tert-butyl alcohol (TBA). The soil boring of well MW-5 was advanced approximately 2.5 feet into a silty clay layer, and the well was installed at 60 feet bgs to avoid penetrating a clay layer that was encountered at 57.5 feet bgs. In April 2003, URS performed additional characterization in the vicinity of MW-5 to determine whether shallow groundwater was present at a depth greater than the 60-foot completion depth of MW-5, and to characterize the vertical extent of petroleum hydrocarbons and fuel oxygenates at this location, near the waste oil UST. Boring MW-5A was drilled adjacent to MW-5 and soil was sampled to a depth of 85 feet. After drilling through a sandy clayey silt and clayey silty sand from approximately 60 to 64 feet bgs, the augers were left open for observation for over one hour at a depth of 66 feet bgs in a moist silty sand. No water accumulated in the borehole, so an additional well was not installed at this location. GRO and BTEX with concentration greater than the laboratory reporting limits were detected in soil samples collected from 60.5 to 85 feet in the boring. However MtBE with concentrations ranging from 0.12 to 1.0

ARCO 0465 (Continued) **S101303078**

mg/kg were reported in the soil samples collected from 60.5 to 85 feet bgs. In September 2005, URS advanced nine soil borings (SB-1 renamed SB-1A, SB-2 through SB-5, and SB-7 through SB-10) to depths ranging from 50 to 81 feet bgs in order to further assess the vertical and lateral extent of dissolved hydrocarbons in the subsurface. Soil boring SB-6 was not advanced due to refusal at approximately 5 feet bgs. Grab groundwater samples were collected from onsite boring SB-3, offsite borings SB-4, SB-5, and SB-7 through SB-10. Based upon the results of this investigation, URS recommended the installation of three additional offsite groundwater monitoring wells (MW-7 through MW-9) to further delineate the lateral extent of dissolved petroleum hydrocarbons offsite. In a letter dated October 11, 2007, the GPP approved the scope of work previously proposed by URS. After access was granted to the offsite property located northeast of the site for the installation of well MW-9, the installation of wells MW-7 through MW-9 was performed on August 28 and 29, 2008.

LUST:

Global Id:	T0608100027
Contact Type:	Local Agency Caseworker
Contact Name:	DENO MILANO
Organization Name:	SAN MATEO COUNTY LOP
Address:	2000 ALAMEDA DE LAS PULGAS SUITE 100
City:	SAN MATEO
Email:	dmilano@smcgov.org
Phone Number:	6503726292

Global Id:	T0608100027
Contact Type:	Regional Board Caseworker
Contact Name:	Regional Water Board
Organization Name:	SAN FRANCISCO BAY RWQCB (REGION 2)
Address:	1515 CLAY ST SUITE 1400
City:	OAKLAND
Email:	Not reported
Phone Number:	Not reported

LUST:

Global Id:	T0608100027
Action Type:	ENFORCEMENT
Date:	07/17/2017
Action:	Staff Letter - #20170717

Global Id:	T0608100027
Action Type:	ENFORCEMENT
Date:	02/07/2019
Action:	Technical Correspondence / Assistance / Other - #20190207

Global Id:	T0608100027
Action Type:	ENFORCEMENT
Date:	03/06/2018
Action:	Email Correspondence - #20180306

Global Id:	T0608100027
Action Type:	ENFORCEMENT
Date:	03/05/2019
Action:	Email Correspondence - #20190305

ARCO 0465 (Continued) **S101303078**

Global Id: T0608100027
Action Type: ENFORCEMENT
Date: 05/22/2013
Action: Staff Letter - #20130522

Global Id: T0608100027
Action Type: ENFORCEMENT
Date: 02/16/2018
Action: Staff Letter - #20180216

Global Id: T0608100027
Action Type: ENFORCEMENT
Date: 12/18/2018
Action: Staff Letter - #20181218

Global Id: T0608100027
Action Type: ENFORCEMENT
Date: 04/16/2018
Action: Email Correspondence - #20180416

Global Id: T0608100027
Action Type: ENFORCEMENT
Date: 03/27/2018
Action: Email Correspondence - #20180327

Global Id: T0608100027
Action Type: ENFORCEMENT
Date: 09/20/2018
Action: Staff Letter - #20180920

Global Id: T0608100027
Action Type: Other
Date: 03/17/1992
Action: Leak Reported

Global Id: T0608100027
Action Type: RESPONSE
Date: 12/18/2012
Action: Other Report / Document

Global Id: T0608100027
Action Type: RESPONSE
Date: 06/17/2013
Action: Conceptual Site Model

Global Id: T0608100027
Action Type: RESPONSE
Date: 02/15/2013
Action: Remedial Progress Report

Global Id: T0608100027
Action Type: RESPONSE
Date: 05/15/2013
Action: Remedial Progress Report

Global Id: T0608100027
Action Type: ENFORCEMENT

ARCO 0465 (Continued) **S101303078**

Date: 07/02/2009
Action: Staff Letter - #20090702

Global Id: T0608100027
Action Type: ENFORCEMENT
Date: 09/20/2005
Action: Staff Letter - #20050920

Global Id: T0608100027
Action Type: ENFORCEMENT
Date: 09/13/2007
Action: Technical Correspondence / Assistance / Other - #20070913

Global Id: T0608100027
Action Type: ENFORCEMENT
Date: 03/15/2011
Action: Staff Letter - #20110315

Global Id: T0608100027
Action Type: ENFORCEMENT
Date: 07/20/2005
Action: Staff Letter - #20050720

Global Id: T0608100027
Action Type: ENFORCEMENT
Date: 10/07/2014
Action: Technical Correspondence / Assistance / Other - #20141007

Global Id: T0608100027
Action Type: ENFORCEMENT
Date: 01/27/2020
Action: Staff Letter - #20200127

Global Id: T0608100027
Action Type: RESPONSE
Date: 02/15/2006
Action: Monitoring Report - Quarterly

Global Id: T0608100027
Action Type: RESPONSE
Date: 05/15/2006
Action: Monitoring Report - Quarterly

Global Id: T0608100027
Action Type: RESPONSE
Date: 08/15/2005
Action: Monitoring Report - Quarterly

Global Id: T0608100027
Action Type: RESPONSE
Date: 05/15/2003
Action: Monitoring Report - Quarterly

Global Id: T0608100027
Action Type: RESPONSE
Date: 05/15/2005
Action: Monitoring Report - Quarterly

ARCO 0465 (Continued) **S101303078**

Global Id: T0608100027
Action Type: RESPONSE
Date: 08/15/2003
Action: Monitoring Report - Quarterly

Global Id: T0608100027
Action Type: RESPONSE
Date: 08/15/2004
Action: Monitoring Report - Quarterly

Global Id: T0608100027
Action Type: RESPONSE
Date: 11/15/2003
Action: Monitoring Report - Quarterly

Global Id: T0608100027
Action Type: RESPONSE
Date: 02/15/2003
Action: Monitoring Report - Quarterly

Global Id: T0608100027
Action Type: RESPONSE
Date: 02/15/2004
Action: Monitoring Report - Quarterly

Global Id: T0608100027
Action Type: RESPONSE
Date: 02/15/2005
Action: Monitoring Report - Quarterly

Global Id: T0608100027
Action Type: RESPONSE
Date: 02/15/2008
Action: Monitoring Report - Quarterly

Global Id: T0608100027
Action Type: RESPONSE
Date: 02/15/2007
Action: Monitoring Report - Quarterly

Global Id: T0608100027
Action Type: RESPONSE
Date: 08/15/2007
Action: Monitoring Report - Quarterly

Global Id: T0608100027
Action Type: RESPONSE
Date: 08/15/2006
Action: Monitoring Report - Quarterly

Global Id: T0608100027
Action Type: RESPONSE
Date: 11/15/2007
Action: Monitoring Report - Quarterly

Global Id: T0608100027
Action Type: RESPONSE

ARCO 0465 (Continued) **S101303078**

Date: 11/15/2006
Action: Monitoring Report - Quarterly

Global Id: T0608100027
Action Type: RESPONSE
Date: 11/15/2005
Action: Monitoring Report - Quarterly

Global Id: T0608100027
Action Type: RESPONSE
Date: 12/18/2009
Action: Corrective Action Plan / Remedial Action Plan

Global Id: T0608100027
Action Type: RESPONSE
Date: 08/19/2005
Action: Soil and Water Investigation Workplan

Global Id: T0608100027
Action Type: RESPONSE
Date: 10/24/2005
Action: Soil and Water Investigation Report

Global Id: T0608100027
Action Type: RESPONSE
Date: 08/15/2013
Action: Remedial Progress Report

Global Id: T0608100027
Action Type: RESPONSE
Date: 11/15/2013
Action: Remedial Progress Report

Global Id: T0608100027
Action Type: RESPONSE
Date: 02/15/2014
Action: Remedial Progress Report

Global Id: T0608100027
Action Type: ENFORCEMENT
Date: 08/18/2014
Action: Staff Letter - #20140818

Global Id: T0608100027
Action Type: ENFORCEMENT
Date: 08/13/2014
Action: Technical Correspondence / Assistance / Other - #20140813

Global Id: T0608100027
Action Type: ENFORCEMENT
Date: 08/19/2020
Action: Staff Letter - #20200819

Global Id: T0608100027
Action Type: RESPONSE
Date: 05/15/2009
Action: Monitoring Report - Quarterly

ARCO 0465 (Continued) **S101303078**

Global Id: T0608100027
Action Type: RESPONSE
Date: 08/15/2009
Action: Monitoring Report - Quarterly

Global Id: T0608100027
Action Type: RESPONSE
Date: 02/28/2013
Action: Pilot Study/ Treatability Report

Global Id: T0608100027
Action Type: RESPONSE
Date: 06/21/2005
Action: Correspondence

Global Id: T0608100027
Action Type: RESPONSE
Date: 04/01/2014
Action: Electronic Reporting Submittal Due

Global Id: T0608100027
Action Type: RESPONSE
Date: 10/30/2011
Action: CAP/RAP - Final Remediation / Design Plan

Global Id: T0608100027
Action Type: RESPONSE
Date: 10/30/2011
Action: CAP/RAP - Feasibility Study Report

Global Id: T0608100027
Action Type: RESPONSE
Date: 09/14/2005
Action: Correspondence

Global Id: T0608100027
Action Type: RESPONSE
Date: 11/17/2015
Action: Site Assessment Report

Global Id: T0608100027
Action Type: ENFORCEMENT
Date: 05/21/2015
Action: Staff Letter - #20150521

Global Id: T0608100027
Action Type: ENFORCEMENT
Date: 02/02/2015
Action: Staff Letter - #20150202

Global Id: T0608100027
Action Type: ENFORCEMENT
Date: 05/20/2015
Action: Email Correspondence - #20150520

Global Id: T0608100027
Action Type: ENFORCEMENT

ARCO 0465 (Continued) **S101303078**

Date: 03/18/2014
Action: Staff Letter - #20140318

Global Id: T0608100027
Action Type: ENFORCEMENT
Date: 12/14/2012
Action: Staff Letter - #20121214

Global Id: T0608100027
Action Type: ENFORCEMENT
Date: 06/05/2019
Action: Staff Letter - #20190605

Global Id: T0608100027
Action Type: ENFORCEMENT
Date: 11/13/2019
Action: Staff Letter - #20191113

Global Id: T0608100027
Action Type: ENFORCEMENT
Date: 06/04/2020
Action: Staff Letter - #20200604

Global Id: T0608100027
Action Type: RESPONSE
Date: 06/15/2010
Action: Site Assessment Report

Global Id: T0608100027
Action Type: RESPONSE
Date: 05/15/2008
Action: Monitoring Report - Quarterly

Global Id: T0608100027
Action Type: RESPONSE
Date: 11/15/2008
Action: Monitoring Report - Quarterly

Global Id: T0608100027
Action Type: RESPONSE
Date: 02/15/2009
Action: Monitoring Report - Quarterly

Global Id: T0608100027
Action Type: RESPONSE
Date: 08/15/2008
Action: Monitoring Report - Quarterly

Global Id: T0608100027
Action Type: RESPONSE
Date: 05/15/2004
Action: Monitoring Report - Quarterly

Global Id: T0608100027
Action Type: RESPONSE
Date: 11/15/2004
Action: Monitoring Report - Quarterly

ARCO 0465 (Continued) **S101303078**

Global Id: T0608100027
Action Type: RESPONSE
Date: 05/15/2007
Action: Monitoring Report - Quarterly

Global Id: T0608100027
Action Type: RESPONSE
Date: 09/29/2003
Action: Conceptual Site Model

Global Id: T0608100027
Action Type: RESPONSE
Date: 05/15/2015
Action: Remedial Progress Report

Global Id: T0608100027
Action Type: RESPONSE
Date: 11/15/2014
Action: Remedial Progress Report

Global Id: T0608100027
Action Type: ENFORCEMENT
Date: 04/22/2005
Action: Staff Letter - #20050422

Global Id: T0608100027
Action Type: ENFORCEMENT
Date: 05/03/2016
Action: Technical Correspondence / Assistance / Other - #20160503

Global Id: T0608100027
Action Type: ENFORCEMENT
Date: 04/18/2016
Action: Email Correspondence - #20160418

Global Id: T0608100027
Action Type: ENFORCEMENT
Date: 03/26/2020
Action: Email Correspondence - #20200326

Global Id: T0608100027
Action Type: RESPONSE
Date: 11/15/2009
Action: Monitoring Report - Quarterly

Global Id: T0608100027
Action Type: RESPONSE
Date: 08/15/2010
Action: Monitoring Report - Semi-Annually

Global Id: T0608100027
Action Type: RESPONSE
Date: 05/15/2014
Action: Remedial Progress Report

Global Id: T0608100027
Action Type: RESPONSE

ARCO 0465 (Continued) **S101303078**

Date: 02/26/2015
Action: Soil and Water Investigation Report

Global Id: T0608100027
Action Type: ENFORCEMENT
Date: 07/06/2010
Action: Staff Letter - #20100706

Global Id: T0608100027
Action Type: ENFORCEMENT
Date: 01/13/2011
Action: Staff Letter - #20110113

Global Id: T0608100027
Action Type: ENFORCEMENT
Date: 03/07/2016
Action: Staff Letter - #20160307

Global Id: T0608100027
Action Type: RESPONSE
Date: 08/15/2015
Action: Electronic Reporting Submittal Due

Global Id: T0608100027
Action Type: RESPONSE
Date: 05/15/2016
Action: Monitoring Report - Semi-Annually

Global Id: T0608100027
Action Type: RESPONSE
Date: 08/30/2016
Action: Pilot Study/ Treatability Report

Global Id: T0608100027
Action Type: RESPONSE
Date: 11/15/2015
Action: Monitoring Report - Semi-Annually

Global Id: T0608100027
Action Type: RESPONSE
Date: 02/15/2016
Action: Electronic Reporting Submittal Due

Global Id: T0608100027
Action Type: RESPONSE
Date: 11/15/2017
Action: Remedial Progress Report

Global Id: T0608100027
Action Type: RESPONSE
Date: 01/18/2019
Action: Correspondence

Global Id: T0608100027
Action Type: RESPONSE
Date: 12/14/2018
Action: Soil and Water Investigation Report

ARCO 0465 (Continued) **S101303078**

Global Id: T0608100027
Action Type: RESPONSE
Date: 11/30/2017
Action: CAP/RAP - Other Report

Global Id: T0608100027
Action Type: RESPONSE
Date: 06/28/2019
Action: Correspondence

Global Id: T0608100027
Action Type: RESPONSE
Date: 10/20/2018
Action: Other Report / Document

Global Id: T0608100027
Action Type: RESPONSE
Date: 03/16/2018
Action: Pilot Study/ Treatability Report

Global Id: T0608100027
Action Type: RESPONSE
Date: 11/15/2018
Action: Remedial Progress Report

Global Id: T0608100027
Action Type: RESPONSE
Date: 05/15/2020
Action: Monitoring Report - Semi-Annually

Global Id: T0608100027
Action Type: RESPONSE
Date: 02/27/2020
Action: Electronic Reporting Submittal Due

Global Id: T0608100027
Action Type: RESPONSE
Date: 02/15/2018
Action: Remedial Progress Report

Global Id: T0608100027
Action Type: RESPONSE
Date: 01/30/2019
Action: Correspondence

Global Id: T0608100027
Action Type: RESPONSE
Date: 05/18/2018
Action: Soil and Water Investigation Report

Global Id: T0608100027
Action Type: RESPONSE
Date: 06/29/2017
Action: Well Installation Report

Global Id: T0608100027
Action Type: RESPONSE

ARCO 0465 (Continued) **S101303078**

Date: 08/15/2017
Action: Remedial Progress Report

Global Id: T0608100027
Action Type: ENFORCEMENT
Date: 07/18/2003
Action: Staff Letter - #20030718

Global Id: T0608100027
Action Type: ENFORCEMENT
Date: 10/11/2007
Action: Staff Letter - #20071011

Global Id: T0608100027
Action Type: ENFORCEMENT
Date: 04/19/2016
Action: Notice of Violation - #20160419

Global Id: T0608100027
Action Type: ENFORCEMENT
Date: 05/03/2016
Action: Verbal Communication - #20160503

Global Id: T0608100027
Action Type: ENFORCEMENT
Date: 08/16/2016
Action: Staff Letter - #20160816

Global Id: T0608100027
Action Type: RESPONSE
Date: 02/21/2011
Action: Soil and Water Investigation Workplan - Addendum

Global Id: T0608100027
Action Type: RESPONSE
Date: 07/04/2020
Action: Electronic Reporting Submittal Due

Global Id: T0608100027
Action Type: RESPONSE
Date: 02/27/2020
Action: Correspondence

Global Id: T0608100027
Action Type: RESPONSE
Date: 08/15/2019
Action: Remedial Progress Report

Global Id: T0608100027
Action Type: RESPONSE
Date: 11/15/2019
Action: Monitoring Report - Semi-Annually

Global Id: T0608100027
Action Type: RESPONSE
Date: 04/30/2019
Action: Soil and Water Investigation Report

ARCO 0465 (Continued) **S101303078**

Global Id: T0608100027
Action Type: RESPONSE
Date: 05/15/2019
Action: Monitoring Report - Annually

Global Id: T0608100027
Action Type: RESPONSE
Date: 11/15/2016
Action: Monitoring Report - Semi-Annually

Global Id: T0608100027
Action Type: RESPONSE
Date: 08/15/2018
Action: Remedial Progress Report

Global Id: T0608100027
Action Type: RESPONSE
Date: 02/15/2017
Action: Remedial Progress Report

Global Id: T0608100027
Action Type: RESPONSE
Date: 09/11/2019
Action: Pilot Study/ Treatability Report

Global Id: T0608100027
Action Type: RESPONSE
Date: 01/31/2021
Action: Soil and Water Investigation Workplan

Global Id: T0608100027
Action Type: RESPONSE
Date: 05/15/2017
Action: Monitoring Report - Semi-Annually

Global Id: T0608100027
Action Type: RESPONSE
Date: 05/18/2018
Action: Monitoring Report - Annually

Global Id: T0608100027
Action Type: RESPONSE
Date: 02/14/2017
Action: Electronic Reporting Submittal Due

Global Id: T0608100027
Action Type: RESPONSE
Date: 02/15/2019
Action: Remedial Progress Report

Global Id: T0608100027
Action Type: RESPONSE
Date: 09/10/2019
Action: Risk Assessment Report

Global Id: T0608100027
Action Type: RESPONSE

ARCO 0465 (Continued) **S101303078**

Date: 02/27/2020
Action: Email Correspondence

Global Id: T0608100027
Action Type: RESPONSE
Date: 02/15/2020
Action: Remedial Progress Report

Global Id: T0608100027
Action Type: RESPONSE
Date: 07/01/2020
Action: Response to Comments

Global Id: T0608100027
Action Type: RESPONSE
Date: 10/30/2010
Action: Pilot Study / Treatability Workplan - Regulator Responded

Global Id: T0608100027
Action Type: RESPONSE
Date: 07/31/2014
Action: Soil and Water Investigation Workplan - Regulator Responded

Global Id: T0608100027
Action Type: ENFORCEMENT
Date: 03/20/1992
Action: Notice of Responsibility - #19920320

Global Id: T0608100027
Action Type: ENFORCEMENT
Date: 04/21/2005
Action: Staff Letter - #20050421

Global Id: T0608100027
Action Type: ENFORCEMENT
Date: 05/24/2005
Action: Staff Letter - #20050524

Global Id: T0608100027
Action Type: ENFORCEMENT
Date: 11/23/2015
Action: Email Correspondence - #20151123

Global Id: T0608100027
Action Type: Other
Date: 03/17/1992
Action: Leak Discovery

Global Id: T0608100027
Action Type: RESPONSE
Date: 05/30/2011
Action: Pilot Study/ Treatability Report

Global Id: T0608100027
Action Type: RESPONSE
Date: 07/10/2018
Action: Soil and Water Investigation Report - Regulator Responded

ARCO 0465 (Continued) **S101303078**

Global Id: T0608100027
Action Type: RESPONSE
Date: 02/07/2018
Action: Correspondence - Regulator Responded

Global Id: T0608100027
Action Type: RESPONSE
Date: 05/23/2017
Action: Corrective Action Plan / Remedial Action Plan - Regulator Responded

Global Id: T0608100027
Action Type: RESPONSE
Date: 11/30/2017
Action: Other Workplan - Regulator Responded

Global Id: T0608100027
Action Type: RESPONSE
Date: 04/21/2020
Action: Request for Closure - Regulator Responded

Global Id: T0608100027
Action Type: REMEDIATION
Date: 03/04/1999
Action: Excavation

Global Id: T0608100027
Action Type: REMEDIATION
Date: 10/02/2000
Action: Soil Vapor Extraction (SVE)

Global Id: T0608100027
Action Type: REMEDIATION
Date: 10/21/1997
Action: Excavation

Global Id: T0608100027
Action Type: REMEDIATION
Date: 09/06/2000
Action: Excavation

Global Id: T0608100027
Action Type: REMEDIATION
Date: 06/20/2013
Action: Soil Vapor Extraction (SVE)

Global Id: T0608100027
Action Type: REMEDIATION
Date: 06/13/1995
Action: Soil Vapor Extraction (SVE)

Global Id: T0608100027
Action Type: REMEDIATION
Date: 09/22/1997
Action: Soil Vapor Extraction (SVE)

Global Id: T0608100027
Action Type: REMEDIATION

ARCO 0465 (Continued) **S101303078**

Date: 09/09/2013
Action: Soil Vapor Extraction (SVE)

Global Id: T0608100027
Action Type: REMEDIATION
Date: 07/22/2012
Action: Soil Vapor Extraction (SVE)

Global Id: T0608100027
Action Type: REMEDIATION
Date: 07/21/1992
Action: Soil Vapor Extraction (SVE)

Global Id: T0608100027
Action Type: REMEDIATION
Date: 07/13/1993
Action: Soil Vapor Extraction (SVE)

Global Id: T0608100027
Action Type: REMEDIATION
Date: 10/22/2012
Action: Soil Vapor Extraction (SVE)

Global Id: T0608100027
Action Type: REMEDIATION
Date: 03/26/2013
Action: Soil Vapor Extraction (SVE)

Global Id: T0608100027
Action Type: REMEDIATION
Date: 11/18/2013
Action: Soil Vapor Extraction (SVE)

Global Id: T0608100027
Action Type: REMEDIATION
Date: 03/17/2014
Action: Soil Vapor Extraction (SVE)

Global Id: T0608100027
Action Type: REMEDIATION
Date: 09/22/2014
Action: Soil Vapor Extraction (SVE)

Global Id: T0608100027
Action Type: REMEDIATION
Date: 01/02/2013
Action: Soil Vapor Extraction (SVE)

Global Id: T0608100027
Action Type: REMEDIATION
Date: 04/01/2017
Action: Soil Vapor Extraction (SVE)

Global Id: T0608100027
Action Type: REMEDIATION
Date: 01/17/2017
Action: Soil Vapor Extraction (SVE)

ARCO 0465 (Continued) **S101303078**

Global Id: T0608100027
Action Type: REMEDIATION
Date: 02/27/2018
Action: Soil Vapor Extraction (SVE)

Global Id: T0608100027
Action Type: REMEDIATION
Date: 12/17/2018
Action: Soil Vapor Extraction (SVE)

Global Id: T0608100027
Action Type: REMEDIATION
Date: 03/22/2019
Action: Soil Vapor Extraction (SVE)

Global Id: T0608100027
Action Type: REMEDIATION
Date: 09/01/2017
Action: Soil Vapor Extraction (SVE)

Global Id: T0608100027
Action Type: REMEDIATION
Date: 09/25/2019
Action: Soil Vapor Extraction (SVE)

Global Id: T0608100027
Action Type: REMEDIATION
Date: 07/14/2016
Action: Soil Vapor Extraction (SVE)

Global Id: T0608100027
Action Type: REMEDIATION
Date: 12/02/2016
Action: Soil Vapor Extraction (SVE)

Global Id: T0608100027
Action Type: REMEDIATION
Date: 07/01/2019
Action: Soil Vapor Extraction (SVE)

Global Id: T0608100027
Action Type: ENFORCEMENT
Date: 09/10/2002
Action: Staff Letter - #20020910

Global Id: T0608100027
Action Type: ENFORCEMENT
Date: 05/30/2012
Action: Staff Letter - #20120530

Global Id: T0608100027
Action Type: ENFORCEMENT
Date: 06/19/2012
Action: Notice of Violation - #20120619

Global Id: T0608100027
Action Type: ENFORCEMENT

ARCO 0465 (Continued) **S101303078**

Date: 11/29/2012
Action: Staff Letter - #20121129

Global Id: T0608100027
Action Type: ENFORCEMENT
Date: 02/01/2017
Action: Staff Letter - #20170201

Global Id: T0608100027
Action Type: ENFORCEMENT
Date: 01/26/2018
Action: Notice of Violation - #20180126

Global Id: T0608100027
Action Type: ENFORCEMENT
Date: 08/07/2017
Action: Notice to Comply - #20170807

Global Id: T0608100027
Action Type: ENFORCEMENT
Date: 06/19/2017
Action: Staff Letter - #20170619

Global Id: T0608100027
Action Type: RESPONSE
Date: 08/15/2011
Action: Monitoring Report - Semi-Annually

Global Id: T0608100027
Action Type: RESPONSE
Date: 02/15/2012
Action: Monitoring Report - Semi-Annually

Global Id: T0608100027
Action Type: RESPONSE
Date: 02/15/2011
Action: Monitoring Report - Semi-Annually

Global Id: T0608100027
Action Type: RESPONSE
Date: 08/15/2012
Action: Monitoring Report - Semi-Annually

Global Id: T0608100027
Action Type: RESPONSE
Date: 11/15/2012
Action: Remedial Progress Report

Global Id: T0608100027
Action Type: RESPONSE
Date: 08/21/2012
Action: Soil and Water Investigation Workplan

LUST:
Global Id: T0608100027
Status: Open - Case Begin Date
Status Date: 03/17/1992

ARCO 0465 (Continued) **S101303078**

Global Id: T0608100027
Status: Open - Remediation
Status Date: 03/17/1992

Global Id: T0608100027
Status: Open - Verification Monitoring
Status Date: 12/22/1992

Global Id: T0608100027
Status: Open - Remediation
Status Date: 09/09/2003

Global Id: T0608100027
Status: Open - Site Assessment
Status Date: 09/09/2003

Global Id: T0608100027
Status: Open - Verification Monitoring
Status Date: 11/13/2019

CORTESE:
Name: ARCO #465
Address: 151 SOUTHGATE AVENUE
City,State,Zip: DALY CITY, CA 94015
Region: CORTESE
Envirostor Id: Not reported
Global ID: T0608100027
Site/Facility Type: LUST CLEANUP SITE
Cleanup Status: OPEN - VERIFICATION MONITORING
Status Date: Not reported
Site Code: Not reported
Latitude: Not reported
Longitude: Not reported
Owner: Not reported
Enf Type: Not reported
Swat R: Not reported
Flag: active
Order No: Not reported
Waste Discharge System No: Not reported
Effective Date: Not reported
Region 2: Not reported
WID Id: Not reported
Solid Waste Id No: Not reported
Waste Management Uit Name: Not reported
File Name: Active Open

CERS:
Name: ARCO #465
Address: 151 SOUTHGATE AVENUE
City,State,Zip: DALY CITY, CA 94015
Site ID: 251651
CERS ID: T0608100027
CERS Description: Leaking Underground Storage Tank Cleanup Site

Affiliation:
Affiliation Type Desc: Local Agency Caseworker

ARCO 0465 (Continued) **S101303078**

Entity Name:	DENO MILANO - SAN MATEO COUNTY LOP
Entity Title:	Not reported
Affiliation Address:	2000 ALAMEDA DE LAS PULGAS SUITE 100
Affiliation City:	SAN MATEO
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	6503726292
Affiliation Type Desc:	Regional Board Caseworker
Entity Name:	Regional Water Board - SAN FRANCISCO BAY RWQCB (REGION 2)
Entity Title:	Not reported
Affiliation Address:	1515 CLAY ST SUITE 1400
Affiliation City:	OAKLAND
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	Not reported

C20 **ARCO 00465** **San Mateo Co. BI** **S113053183**
West **151 SOUTHGATE** **N/A**
< 1/8 **DALY CITY, CA 94015**
0.021 mi.
113 ft. **Site 10 of 11 in cluster C**

Relative:
Higher

Actual:
103 ft.

San Mateo Co. BI:

Name:	ARCO 00465
Address:	151 SOUTHGATE
City,State,Zip:	DALY CITY, CA 94015
Region:	SAN MATEO
Facility ID:	FA0017151
Prog Element Code:	GENERATES and RECYCLES WASTE OIL/SOLVENT
Record Id:	PR0010960
Description:	GENERATES & RECYCLES WASTE OIL/SOLVENT
Facility Status:	Active, billable
Program Category:	HAZARDOUS WASTE PROGRAM
Name:	ARCO 00465
Address:	151 SOUTHGATE
City,State,Zip:	DALY CITY, CA 94015
Region:	SAN MATEO
Facility ID:	FA0017151
Prog Element Code:	UNDERGROUND TANK - GENERAL
Record Id:	PR0022270
Description:	UNDERGROUND TANK - GENERAL
Facility Status:	Active, billable
Program Category:	UNDERGROUND TANK PROGRAM
Name:	ARCO 00465
Address:	151 SOUTHGATE
City,State,Zip:	DALY CITY, CA 94015
Region:	SAN MATEO
Facility ID:	FA0017151
Prog Element Code:	STORES MV FUELS OR WASTE ONLY
Record Id:	PR0023784
Description:	STORES MV FUELS OR WASTE ONLY
Facility Status:	Active, billable

ARCO 00465 (Continued) **S113053183**

Program Category: BUSINESS PLAN PROGRAM

B21 **WESTLAKE SHOPPING CENTER** **San Mateo Co. BI** **S116348330**
NE **15 SOUTHGATE** **N/A**
< 1/8 **DALY CITY, CA 94015**
0.035 mi.
183 ft. **Site 3 of 5 in cluster B**

Relative:
Lower

Actual:
98 ft.

San Mateo Co. BI:

Name:	WESTLAKE SHOPPING CENTER
Address:	15 SOUTHGATE
City,State,Zip:	DALY CITY, CA 94015
Region:	SAN MATEO
Facility ID:	FA0054888
Prog Element Code:	GENERATES <27 GAL/YEAR
Record Id:	PR0075696
Description:	GENERATES <27 GAL/YEAR
Facility Status:	Active, billable
Program Category:	HAZARDOUS WASTE PROGRAM

Name:	WESTLAKE SHOPPING CENTER
Address:	15 SOUTHGATE
City,State,Zip:	DALY CITY, CA 94015
Region:	SAN MATEO
Facility ID:	FA0054888
Prog Element Code:	STORES HAZ MAT <219GAL,1,999LB, 879FT3
Record Id:	PR0075695
Description:	STORES HAZ MAT <219GAL,1,999LB, 879CF
Facility Status:	Active, billable
Program Category:	BUSINESS PLAN PROGRAM

B22 **WESTLAKE SHOPPING CENTER** **CERS HAZ WASTE** **S121768733**
NE **15 SOUTHGATE AVE 2ND FLR** **CERS** **N/A**
< 1/8 **DALY CITY, CA 94015**
0.035 mi.
183 ft. **Site 4 of 5 in cluster B**

Relative:
Lower

Actual:
98 ft.

CERS HAZ WASTE:

Name:	WESTLAKE SHOPPING CENTER
Address:	15 SOUTHGATE AVE 2ND FLR
City,State,Zip:	DALY CITY, CA 94015
Site ID:	370032
CERS ID:	10508176
CERS Description:	Hazardous Waste Generator

CERS:

Name:	WESTLAKE SHOPPING CENTER
Address:	15 SOUTHGATE AVE 2ND FLR
City,State,Zip:	DALY CITY, CA 94015
Site ID:	370032
CERS ID:	10508176
CERS Description:	Chemical Storage Facilities

Violations:

Site ID:	370032
Site Name:	WESTLAKE SHOPPING CENTER

WESTLAKE SHOPPING CENTER (Continued) **S121768733**

Violation Date:	04-21-2015
Citation:	40 CFR 1 265.32 - U.S. Code of Federal Regulations, Title 40, Chapter 1, Section(s) 265.32
Violation Description:	Failure of the facility to maintain the following emergency equipment or equivalents: 1) An internal communications or alarm system capable of providing immediate emergency instruction (voice or signal) to facility personnel; 2) A device, such as a telephone (immediately available at the scene of Operations/ Maintenance) or a hand-held two-way radio, capable of summoning emergency assistance from local police departments, fire departments, or State or local emergency response teams; 3) Portable fire extinguishers, fire control equipment (including special extinguishing equipment, such as that using foam, inert gas, or dry chemicals), spill control equipment, and decontamination equipment; and 4) Water at adequate volume and pressure to supply water hose streams, or foam producing equipment, or automatic sprinklers, or water spray systems.
Violation Notes:	Returned to compliance on 06/30/2015.
Violation Division:	San Mateo County Environmental Health
Violation Program:	HW
Violation Source:	CERS
Site ID:	370032
Site Name:	WESTLAKE SHOPPING CENTER
Violation Date:	04-21-2015
Citation:	22 CCR 12 66262.12 - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.12
Violation Description:	Failure to obtain and/or maintain an Active EPA ID.
Violation Notes:	Returned to compliance on 06/30/2015.
Violation Division:	San Mateo County Environmental Health
Violation Program:	HW
Violation Source:	CERS
Site ID:	370032
Site Name:	WESTLAKE SHOPPING CENTER
Violation Date:	04-21-2015
Citation:	HSC 6.95 25508.2 - California Health and Safety Code, Chapter 6.95, Section(s) 25508.2
Violation Description:	Failure to annually review and electronically certify that the business plan is complete, accurate, and up-to-date.
Violation Notes:	Returned to compliance on 06/30/2015.
Violation Division:	San Mateo County Environmental Health
Violation Program:	HMRRP
Violation Source:	CERS
Site ID:	370032
Site Name:	WESTLAKE SHOPPING CENTER
Violation Date:	04-24-2017
Citation:	22 CCR 23 66273.35 - California Code of Regulations, Title 22, Chapter 23, Section(s) 66273.35
Violation Description:	Failure to accumulate universal waste for one year or less and to demonstrate the length of time that the universal waste has been accumulated from the date it became a waste or was received.
Violation Notes:	Returned to compliance on 05/23/2017. Universal waste last disposed of 5/13/15. Dispose of all universal waste and submit disposal records to the inspector within the comply by date.
Violation Division:	San Mateo County Environmental Health
Violation Program:	HW

WESTLAKE SHOPPING CENTER (Continued) **S121768733**

Violation Source: CERS

Site ID: 370032
Site Name: WESTLAKE SHOPPING CENTER
Violation Date: 04-24-2017
Citation: 22 CCR 23 66273.34 - California Code of Regulations, Title 22, Chapter 23, Section(s) 66273.34
Violation Description: Failure to label or mark each individual or container or the designated area of universal waste as required. 1) Waste batteries shall be marked with "Universal Waste-Battery(ies)G . 2) Mercury containing equipment shall be marked with "Universal Waste -Mercury-Containing EquipmentG . 3) Lamps shall be marked with G Universal Waste-Lamp(s)G . 4)Each electronic devices or the container or the designated area shall be marked with G Universal Waste-Electronic Device(s)G . 5) Each CRTs or the container or the designated area shall be marked with "Universal Waste-CRT(s)G . 6) CRT glass or the designated area shall be marked with G Universal Waste-CRT glassG .
Violation Notes: Returned to compliance on 05/23/2017. 8 boxes of universal waste florescent light tubes were not labeled and the containers were open. Ensure all universal wastes are properly labeled, put in appropriately sized containers and kept closed. The universal waste on site was overaccumulated - dispose of the waste on site and ensure that the containers are kept closed and are properly labeled when waste is accumulated. Submit documentation to the inspector within the comply by date.
Violation Division: San Mateo County Environmental Health
Violation Program: HW
Violation Source: CERS

Site ID: 370032
Site Name: WESTLAKE SHOPPING CENTER
Violation Date: 05-10-2019
Citation: HSC 6.95 25508.1(a)-(f) - California Health and Safety Code, Chapter 6.95, Section(s) 25508.1(a)-(f)
Violation Description: Failure to electronically update business plan within 30 days of any one of the following events: A 100 percent or more increase in the quantity of a previously disclosed material. Any handling of a previously undisclosed hazardous materials at or above reportable quantities. A change of business address, business ownership, or business name. A substantial change in the handler’s operations that requires modification to any portion of the business plan.
Violation Notes: Returned to compliance on 05/31/2019. Maria Teos is no longer with the facility. The contact information needs to be updated. Login to ehesubmit.smchealth.org update and resubmit the HMBP within the comply by date.
Violation Division: San Mateo County Environmental Health
Violation Program: HMRRP
Violation Source: CERS

Site ID: 370032
Site Name: WESTLAKE SHOPPING CENTER
Violation Date: 02-14-2019
Citation: HSC 6.95 25508(a)(1) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(1)
Violation Description: Failure to complete and electronically submit a business plan when storing/handling a hazardous material at or above reportable

WESTLAKE SHOPPING CENTER (Continued) **S121768733**

	quantities.
Violation Notes:	Returned to compliance on 05/31/2019. Facility has last submitted HMBP 10/19/2017. Submit HMBP by the comply by date.
Violation Division:	San Mateo County Environmental Health
Violation Program:	HMRRP
Violation Source:	CERS
Site ID:	370032
Site Name:	WESTLAKE SHOPPING CENTER
Violation Date:	04-21-2015
Citation:	22 CCR 12 66262.34(d) - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.34(d)
Violation Description:	Failure to dispose of hazardous waste within 180 days (or 270 if waste is transported over 200 miles) for the generator who generates less than 1000 kilogram per month, but more than 100 kilograms per month.
Violation Notes:	Returned to compliance on 07/15/2015.
Violation Division:	San Mateo County Environmental Health
Violation Program:	HW
Violation Source:	CERS
Site ID:	370032
Site Name:	WESTLAKE SHOPPING CENTER
Violation Date:	04-21-2015
Citation:	22 CCR 23 66273.36 - California Code of Regulations, Title 22, Chapter 23, Section(s) 66273.36
Violation Description:	Failure of the universal waste handler to initially train and provide annually, thereafter, all personnel who manage or who supervise those who manage universal wastes and to maintain a written record by date indicating the names of personnel who received the information. The universal waste handler shall maintain these records for at least three years from the date the person last managed any universal waste at the facility. This training shall include: 1) The types and hazards associated with the universal waste that personnel may manage at the facility; 2) The proper disposition of universal wastes managed at the facility; 3) The proper procedures for responding to releases of universal wastes including the position titles and the means of contacting those personnel at the facility who are designated to respond to reports of releases and/or to respond to questions received from other personnel at the facility; and 4) The applicable requirements of universal waste regarding labeling, collecting, handling, consolidating, and shipping universal wastes at the facility, including, but not limited to, the prohibition on the disposal of universal wastes, and for personnel involved in shipping universal wastes who are G hazmat employeesG .
Violation Notes:	Returned to compliance on 06/30/2015.
Violation Division:	San Mateo County Environmental Health
Violation Program:	HW
Violation Source:	CERS
Site ID:	370032
Site Name:	WESTLAKE SHOPPING CENTER
Violation Date:	04-24-2017
Citation:	22 CCR 12 66262.12 - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.12
Violation Description:	Failure to obtain an Identification Number prior to treating, storing, disposing of, transporting or offering for transportation any hazardous waste.

WESTLAKE SHOPPING CENTER (Continued) **S121768733**

Violation Notes:	Returned to compliance on 08/09/2017. OBSERVATION: This facilityG s EPA ID number is inactive. CORRECTIVE ACTION: Immediately reactivate EPA ID number and submit evidence to the inspector within the comply by date. Register for the Electronic Verification Questionare (eVQ) at https://evq.dtsc.ca.gov/evq/. The annual Verification Questionnaire and fees assessment for hazardous waste ID numbers and hazardous waste manifests is required by Health & Safety Code section 25205.15 and 25205.16. Any generator, transporter, or facility operator who fails to provide information required by the department to verify the accuracy of hazardous waste activity data shall be subject to suspension of any and all identification numbers assigned and to any other enforcement action (Health & Safety Code section 25205.16.
Violation Division:	San Mateo County Environmental Health
Violation Program:	HW
Violation Source:	CERS
Site ID:	370032
Site Name:	WESTLAKE SHOPPING CENTER
Violation Date:	05-10-2019
Citation:	HSC 6.95 25508.2 - California Health and Safety Code, Chapter 6.95, Section(s) 25508.2
Violation Description:	Failure to annually review and electronically certify that the business plan is complete and accurate on or before the annual due date.
Violation Notes:	Returned to compliance on 05/31/2019. HMBP last submitted 10/19/17.HMBP must be annually certified. Login to ehesubmit.smchealth.org and submit the HMBP within the comply by date.
Violation Division:	San Mateo County Environmental Health
Violation Program:	HMRRP
Violation Source:	CERS
Site ID:	370032
Site Name:	WESTLAKE SHOPPING CENTER
Violation Date:	04-24-2017
Citation:	22 CCR 12 66262.40(a) - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.40(a)
Violation Description:	Failure to keep a copy of each properly signed manifest for at least three years from the date the waste was accepted by the initial transporter. The manifest signed at the time the waste was accepted for transport shall be kept until receiving a signed copy from the designated facility which received the waste.
Violation Notes:	Returned to compliance on 12/08/2017. OBSERVATION: Manifest number 009435078FLE was found without a signed off copy from the destination facility. CORRECTIVE ACTION: Submit the signed copy to the inspector within the comply by date.
Violation Division:	San Mateo County Environmental Health
Violation Program:	HW
Violation Source:	CERS

Evaluation:

Eval General Type:	Other/Unknown
Eval Date:	02-08-2019
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Not reported
Eval Division:	San Mateo County Environmental Health
Eval Program:	HMRRP

WESTLAKE SHOPPING CENTER (Continued) **S121768733**

Eval Source: CERS

Eval General Type: Other/Unknown
Eval Date: 02-14-2019
Violations Found: Yes
Eval Type: Other, not routine, done by local agency
Eval Notes: Not reported
Eval Division: San Mateo County Environmental Health
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 04-21-2015
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: San Mateo County Environmental Health
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 04-21-2015
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: San Mateo County Environmental Health
Eval Program: HW
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 04-24-2017
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: San Mateo County Environmental Health
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 04-24-2017
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: San Mateo County Environmental Health
Eval Program: HW
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 05-10-2019
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Hazardous waste generated: Used oil Waste paint Universal waste
Eval Division: San Mateo County Environmental Health
Eval Program: HW
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection

WESTLAKE SHOPPING CENTER (Continued) **S121768733**

Eval Date: 05-10-2019
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Hazardous materials above threshold: Used oil - 55 gallons Waste paint - 55 gallons
Eval Division: San Mateo County Environmental Health
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Other/Unknown
Eval Date: 06-02-2020
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Not reported
Eval Division: San Mateo County Environmental Health
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Other/Unknown
Eval Date: 06-04-2019
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Not reported
Eval Division: San Mateo County Environmental Health
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Other/Unknown
Eval Date: 06-30-2015
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Not reported
Eval Division: San Mateo County Environmental Health
Eval Program: HW
Eval Source: CERS

Eval General Type: Other/Unknown
Eval Date: 09-16-2014
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Not reported
Eval Division: San Mateo County Environmental Health
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Other/Unknown
Eval Date: 10-09-2015
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Not reported
Eval Division: San Mateo County Environmental Health
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Other/Unknown
Eval Date: 10-24-2016
Violations Found: No

WESTLAKE SHOPPING CENTER (Continued) **S121768733**

Eval Type: Other, not routine, done by local agency
Eval Notes: Not reported
Eval Division: San Mateo County Environmental Health
Eval Program: HMRRP
Eval Source: CERS

Enforcement Action:
Site ID: 370032
Site Name: WESTLAKE SHOPPING CENTER
Site Address: 15 SOUTHGATE AVE 2ND FLR
Site City: DALY CITY
Site Zip: 94015
Enf Action Date: 04-04-2019
Enf Action Type: Notice of Violation (Unified Program)
Enf Action Description: Notice of Violation Issued by the Inspector at the Time of Inspection
Enf Action Notes: NOV Certified letter delivery receipt recieved n EH with delivery date of 4/08/2019. 5/31/19: HMBP submitted.
Enf Action Division: San Mateo County Environmental Health
Enf Action Program: HMRRP
Enf Action Source: CERS

Site ID: 370032
Site Name: WESTLAKE SHOPPING CENTER
Site Address: 15 SOUTHGATE AVE 2ND FLR
Site City: DALY CITY
Site Zip: 94015
Enf Action Date: 04-21-2015
Enf Action Type: Notice of Violation (Unified Program)
Enf Action Description: Notice of Violation Issued by the Inspector at the Time of Inspection
Enf Action Notes: Not reported
Enf Action Division: San Mateo County Environmental Health
Enf Action Program: HMRRP
Enf Action Source: CERS

Site ID: 370032
Site Name: WESTLAKE SHOPPING CENTER
Site Address: 15 SOUTHGATE AVE 2ND FLR
Site City: DALY CITY
Site Zip: 94015
Enf Action Date: 04-21-2015
Enf Action Type: Notice of Violation (Unified Program)
Enf Action Description: Notice of Violation Issued by the Inspector at the Time of Inspection
Enf Action Notes: Not reported
Enf Action Division: San Mateo County Environmental Health
Enf Action Program: HW
Enf Action Source: CERS

Site ID: 370032
Site Name: WESTLAKE SHOPPING CENTER
Site Address: 15 SOUTHGATE AVE 2ND FLR
Site City: DALY CITY
Site Zip: 94015
Enf Action Date: 07-10-2017
Enf Action Type: Notice of Violation (Unified Program)
Enf Action Description: Notice of Violation Issued by the Inspector at the Time of Inspection
Enf Action Notes: 8/10/17: Issue with EPA ID resolved, waiting on manifest 1/25/18: Facility violations have been marked corrected sd of 12/8/17.

WESTLAKE SHOPPING CENTER (Continued) **S121768733**

Enf Action Division: San Mateo County Environmental Health
Enf Action Program: HW
Enf Action Source: CERS

Affiliation:
Affiliation Type Desc: Environmental Contact
Entity Name: Spencer Ingrim
Entity Title: Not reported
Affiliation Address: 15 Southgate Ave. #201
Affiliation City: Daly City
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 94015
Affiliation Phone: Not reported

Affiliation Type Desc: Facility Mailing Address
Entity Name: Mailing Address
Entity Title: Not reported
Affiliation Address: 15 SOUTHGATE, 2ND FLR
Affiliation City: DALY CITY
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 94015
Affiliation Phone: Not reported

Affiliation Type Desc: Parent Corporation
Entity Name: WESTLAKE SHOPPING CENTER
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: Not reported

Affiliation Type Desc: Operator
Entity Name: Kimco Westlake LP
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: (503) 953-6278

Affiliation Type Desc: Property Owner
Entity Name: KIMCO WESTLAKE LP
Entity Title: Not reported
Affiliation Address: 15 Southgate Ave #201
Affiliation City: Daly City
Affiliation State: CA
Affiliation Country: United States
Affiliation Zip: 94015
Affiliation Phone: (503) 953-6278

Affiliation Type Desc: Document Preparer
Entity Name: Spencer Ingrim

WESTLAKE SHOPPING CENTER (Continued) **S121768733**

Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	Not reported
Affiliation Type Desc:	Identification Signer
Entity Name:	Spencer Ingrim
Entity Title:	Regional Property Manager
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	Not reported
Affiliation Type Desc:	Legal Owner
Entity Name:	Kimco Westlake LP
Entity Title:	Not reported
Affiliation Address:	15 SOUTHGATE, 2ND FLR
Affiliation City:	DALY CITY
Affiliation State:	CA
Affiliation Country:	United States
Affiliation Zip:	94015
Affiliation Phone:	(503) 953-6278
Affiliation Type Desc:	CUPA District
Entity Name:	San Mateo County Environmental Health
Entity Title:	Not reported
Affiliation Address:	2000 Alameda de las Pulgas, Suite 100
Affiliation City:	San Mateo
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	94403
Affiliation Phone:	(650) 372-6200

C23 **WESTLAKE VILLAGE APT** **RCRA NonGen / NLR** **1024821031**
SW **150 CORONADO AVE** **CAL000335682**
< 1/8 **DALY CITY, CA 94015**
0.037 mi.
193 ft. **Site 11 of 11 in cluster C**

Relative:
Higher

Actual:
115 ft.

RCRA NonGen / NLR:

Date Form Received by Agency:		2008-08-21 00:00:00.0
Handler Name:	WESTLAKE VILLAGE APT	
Handler Address:		150 CORONADO AVE
Handler City,State,Zip:		DALY CITY, CA 94015-3357
EPA ID:		CAL000335682
Contact Name:		PATSY ELBUHEL/ASST MAINT MGR
Contact Address:		333 PARK PLAZA DRIVE
Contact City,State,Zip:		DALY CITY, CA 94015
Contact Telephone:		650-756-0959
Contact Fax:		650-755-1081
Contact Email:		PELBUHEL@GB-A.COM
Contact Title:		Not reported

WESTLAKE VILLAGE APT (Continued) **1024821031**

EPA Region:	09
Land Type:	Not reported
Federal Waste Generator Description:	Not a generator, verified
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Handler Activities
State District Owner:	Not reported
State District:	Not reported
Mailing Address:	333 PARK PLAZA DR
Mailing City,State,Zip:	DALY CITY, CA 94015-0000
Owner Name:	JALSON COMPANY INC
Owner Type:	Other
Operator Name:	PATSY ELBUHEL/ASST MAINT MGR
Operator Type:	Other
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	Yes
Universal Waste Destination Facility:	Yes
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported

WESTLAKE VILLAGE APT (Continued) **1024821031**

Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2018-09-05 20:30:37.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name:	JALSON COMPANY INC
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	201 FILBERT ST
Owner/Operator City,State,Zip:	SAN FRANCISCO, CA 94133-0000
Owner/Operator Telephone:	415-659-1600
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	PATSY ELBUHEL/ASST MAINT MGR
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	333 PARK PLAZA DRIVE
Owner/Operator City,State,Zip:	DALY CITY, CA 94015
Owner/Operator Telephone:	650-756-0959
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	2008-08-21 00:00:00.0
Handler Name: WESTLAKE VILLAGE APT	
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

List of NAICS Codes and Descriptions:

NAICS Code:	53111

WESTLAKE VILLAGE APT (Continued) **1024821031**

NAICS Description: LESSORS OF RESIDENTIAL BUILDINGS AND DWELLINGS

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

D24 **WESTLAKE VILLAGE APARTMENTS** **RCRA NonGen / NLR** **1024821032**
South **5 CORONADO AVE** **CAL000335685**
< 1/8 **DALY CITY, CA 94015**
0.037 mi.
195 ft. **Site 1 of 3 in cluster D**

Relative:
Higher

Actual:
112 ft.

RCRA NonGen / NLR:

Date Form Received by Agency:	2008-08-21 00:00:00.0
Handler Name:	WESTLAKE VILLAGE APARTMENTS
Handler Address:	5 CORONADO AVE
Handler City,State,Zip:	DALY CITY, CA 94015-3354
EPA ID:	CAL000335685
Contact Name:	PATSY ELBUHEL/ASST MAINT MGR
Contact Address:	333 PARK PLAZA DRIVE
Contact City,State,Zip:	DALY CITY, CA 94015
Contact Telephone:	650-756-0959
Contact Fax:	650-755-1081
Contact Email:	PELBUHEL@GB-A.COM
Contact Title:	Not reported
EPA Region:	09
Land Type:	Not reported
Federal Waste Generator Description:	Not a generator, verified
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Handler Activities
State District Owner:	Not reported
State District:	Not reported
Mailing Address:	333 PARK PLAZA DR
Mailing City,State,Zip:	DALY CITY, CA 94015-0000
Owner Name:	JALSON COMPANY INC
Owner Type:	Other
Operator Name:	PATSY ELBUHEL/ASST MAINT MGR
Operator Type:	Other
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	Yes
Universal Waste Destination Facility:	Yes
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported

WESTLAKE VILLAGE APARTMENTS (Continued) **1024821032**

Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2018-09-05 20:30:37.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Handler - Owner Operator:

Owner/Operator Indicator:	Operator
Owner/Operator Name:	PATSY ELBUHEL/ASST MAINT MGR
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	333 PARK PLAZA DRIVE
Owner/Operator City,State,Zip:	DALY CITY, CA 94015
Owner/Operator Telephone:	650-756-0959
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner

WESTLAKE VILLAGE APARTMENTS (Continued) **1024821032**

Owner/Operator Name: JALSON COMPANY INC
Legal Status: Other
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 201 FILBERT ST
Owner/Operator City,State,Zip: SAN FRANCISCO, CA 94133-0000
Owner/Operator Telephone: 415-659-1600
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:
Receive Date: 2008-08-21 00:00:00.0
Handler Name: WESTLAKE VILLAGE APARTMENTS
Federal Waste Generator Description: Not a generator, verified
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:
NAICS Code: 53111
NAICS Description: LESSORS OF RESIDENTIAL BUILDINGS AND DWELLINGS

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

B25 **WEST BAY HOME HEALTH & COMM SVCS** **San Mateo Co. BI** **S123182216**
NE **45 SOUTHGATE** **N/A**
< 1/8 **DALY CITY, CA 94015**
0.040 mi.
210 ft. **Site 5 of 5 in cluster B**

Relative: **Lower**
Actual: **99 ft.**

San Mateo Co. BI:
Name: WEST BAY HOME HEALTH & COMM SVCS
Address: 45 SOUTHGATE
City,State,Zip: DALY CITY, CA 94015
Region: SAN MATEO
Facility ID: FA0034357
Prog Element Code: LIMITED MEDICAL WASTE HAULER EXEMPTION
Record Id: PR0052603
Description: SQG WITH TRANSPORT
Facility Status: Inactive, non-billable
Program Category: MEDICAL WASTE

D26 **WESTLAKE VILLAGE APT** **RCRA NonGen / NLR** **1024821018**
SSW **655 LAKE MERCED BLVD** **CAL000335648**
< 1/8 **DALY CITY, CA 94015**
0.048 mi.
252 ft. **Site 2 of 3 in cluster D**

Relative:
Higher

Actual:
123 ft.

RCRA NonGen / NLR:

Date Form Received by Agency:		2008-08-21 00:00:00.0
Handler Name:	WESTLAKE VILLAGE APT	
Handler Address:		655 LAKE MERCED BLVD
Handler City,State,Zip:		DALY CITY, CA 94015-3300
EPA ID:		CAL000335648
Contact Name:		PATSY ELBUHEL/ASST MAINT MGR
Contact Address:		333 PARK PLAZA DRIVE
Contact City,State,Zip:		DALY CITY, CA 94015
Contact Telephone:		650-756-0959
Contact Fax:		650-755-1081
Contact Email:		PELBUHEL@GB-A.COM
Contact Title:		Not reported
EPA Region:		09
Land Type:		Not reported
Federal Waste Generator Description:		Not a generator, verified
Non-Notifier:		Not reported
Biennial Report Cycle:		Not reported
Accessibility:		Not reported
Active Site Indicator:		Handler Activities
State District Owner:		Not reported
State District:		Not reported
Mailing Address:		333 PARK PLAZA DR
Mailing City,State,Zip:		DALY CITY, CA 94015-0000
Owner Name:		JALSON COMPANY INC
Owner Type:		Other
Operator Name:		PATSY ELBUHEL/ASST MAINT MGR
Operator Type:		Other
Short-Term Generator Activity:		No
Importer Activity:		No
Mixed Waste Generator:		No
Transporter Activity:		No
Transfer Facility Activity:		No
Recycler Activity with Storage:		No
Small Quantity On-Site Burner Exemption:		No
Smelting Melting and Refining Furnace Exemption:		No
Underground Injection Control:		No
Off-Site Waste Receipt:		No
Universal Waste Indicator:		Yes
Universal Waste Destination Facility:		Yes
Federal Universal Waste:		No
Active Site Fed-Reg Treatment Storage and Disposal Facility:		Not reported
Active Site Converter Treatment storage and Disposal Facility:		Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:		Not reported
Active Site State-Reg Handler:		---
Federal Facility Indicator:		Not reported
Hazardous Secondary Material Indicator:		N
Sub-Part K Indicator:		Not reported
Commercial TSD Indicator:		No
Treatment Storage and Disposal Type:		Not reported
2018 GPRA Permit Baseline:		Not on the Baseline
2018 GPRA Renewals Baseline:		Not on the Baseline
Permit Renewals Workload Universe:		Not reported

WESTLAKE VILLAGE APT (Continued) **1024821018**

Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2018-09-05 20:30:36.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name:	JALSON COMPANY INC
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	201 FILBERT ST
Owner/Operator City,State,Zip:	SAN FRANCISCO, CA 94133-0000
Owner/Operator Telephone:	415-659-1600
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	PATSY ELBUHEL/ASST MAINT MGR
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	333 PARK PLAZA DRIVE
Owner/Operator City,State,Zip:	DALY CITY, CA 94015
Owner/Operator Telephone:	650-756-0959
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

WESTLAKE VILLAGE APT (Continued) **1024821018**

Historic Generators:
Receive Date: 2008-08-21 00:00:00.0
Handler Name: WESTLAKE VILLAGE APT
Federal Waste Generator Description: Not a generator, verified
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:
NAICS Code: 52111
NAICS Description: MONETARY AUTHORITIES-CENTRAL BANK

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

D27 **WESTLAKE VILLAGE APT** **RCRA NonGen / NLR** **1024821019**
SE **300 PALMCREST DR** **CAL000335650**
< 1/8 **DALY CITY, CA 94015**
0.052 mi.
272 ft. **Site 3 of 3 in cluster D**

Relative: **Higher**
Actual: **105 ft.**

RCRA NonGen / NLR:
Date Form Received by Agency: 2008-08-21 00:00:00.0
Handler Name: WESTLAKE VILLAGE APT
Handler Address: 300 PALMCREST DR
Handler City,State,Zip: DALY CITY, CA 94015-1554
EPA ID: CAL000335650
Contact Name: PATSY ELBUHEL/ASST MAINT MGR
Contact Address: 333 PARK PLAZA DRIVE
Contact City,State,Zip: DALY CITY, CA 94015
Contact Telephone: 650-756-0959
Contact Fax: 650-755-1081
Contact Email: PELBUHEL@GB-A.COM
Contact Title: Not reported
EPA Region: 09
Land Type: Not reported
Federal Waste Generator Description: Not a generator, verified
Non-Notifier: Not reported
Biennial Report Cycle: Not reported
Accessibility: Not reported
Active Site Indicator: Handler Activities
State District Owner: Not reported
State District: Not reported
Mailing Address: 333 PARK PLAZA DR
Mailing City,State,Zip: DALY CITY, CA 94015-0000
Owner Name: JALSON COMPANY INC

WESTLAKE VILLAGE APT (Continued) **1024821019**

Owner Type:	Other
Operator Name:	PATSY ELBUHEL/ASST MAINT MGR
Operator Type:	Other
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	Yes
Universal Waste Destination Facility:	Yes
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2018-09-05 20:30:36.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No

WESTLAKE VILLAGE APT (Continued) **1024821019**

Sub-Part P Indicator: No

Handler - Owner Operator:
Owner/Operator Indicator: Operator
Owner/Operator Name: PATSY ELBUHEL/ASST MAINT MGR
Legal Status: Other
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 333 PARK PLAZA DRIVE
Owner/Operator City,State,Zip: DALY CITY, CA 94015
Owner/Operator Telephone: 650-756-0959
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: JALSON COMPANY INC
Legal Status: Other
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 201 FILBERT ST
Owner/Operator City,State,Zip: SAN FRANCISCO, CA 94133-0000
Owner/Operator Telephone: 415-659-1600
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:
Receive Date: 2008-08-21 00:00:00.0
Handler Name: WESTLAKE VILLAGE APT
Federal Waste Generator Description: Not a generator, verified
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:
NAICS Code: 53111
NAICS Description: LESSORS OF RESIDENTIAL BUILDINGS AND DWELLINGS

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

E28 **WESTLAKE VILLAGE APT** **RCRA NonGen / NLR** **1024821035**
SW **125 CORONADO AVE** **CAL000335709**
< 1/8 **DALY CITY, CA 94015**
0.052 mi.
274 ft. **Site 1 of 3 in cluster E**

Relative:
Higher

Actual:
123 ft.

RCRA NonGen / NLR:

Date Form Received by Agency:		2008-08-22 00:00:00.0
Handler Name:	WESTLAKE VILLAGE APT	
Handler Address:		125 CORONADO AVE
Handler City,State,Zip:		DALY CITY, CA 94015-3356
EPA ID:		CAL000335709
Contact Name:		PATSY ELBUHEL/ASST MAINT MGR
Contact Address:		333 PARK PLAZA DRIVE
Contact City,State,Zip:		DALY CITY, CA 94015
Contact Telephone:		650-756-0959
Contact Fax:		650-755-1081
Contact Email:		PELBUHEL@GB-A.COM
Contact Title:		Not reported
EPA Region:		09
Land Type:		Not reported
Federal Waste Generator Description:		Not a generator, verified
Non-Notifier:		Not reported
Biennial Report Cycle:		Not reported
Accessibility:		Not reported
Active Site Indicator:		Handler Activities
State District Owner:		Not reported
State District:		Not reported
Mailing Address:		333 PARK PLAZA DR
Mailing City,State,Zip:		DALY CITY, CA 94015-0000
Owner Name:		JALSON COMPANY INC
Owner Type:		Other
Operator Name:		PATSY ELBUHEL/ASST MAINT MGR
Operator Type:		Other
Short-Term Generator Activity:		No
Importer Activity:		No
Mixed Waste Generator:		No
Transporter Activity:		No
Transfer Facility Activity:		No
Recycler Activity with Storage:		No
Small Quantity On-Site Burner Exemption:		No
Smelting Melting and Refining Furnace Exemption:		No
Underground Injection Control:		No
Off-Site Waste Receipt:		No
Universal Waste Indicator:		Yes
Universal Waste Destination Facility:		Yes
Federal Universal Waste:		No
Active Site Fed-Reg Treatment Storage and Disposal Facility:		Not reported
Active Site Converter Treatment storage and Disposal Facility:		Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:		Not reported
Active Site State-Reg Handler:		---
Federal Facility Indicator:		Not reported
Hazardous Secondary Material Indicator:		N
Sub-Part K Indicator:		Not reported
Commercial TSD Indicator:		No
Treatment Storage and Disposal Type:		Not reported
2018 GPRA Permit Baseline:		Not on the Baseline
2018 GPRA Renewals Baseline:		Not on the Baseline
Permit Renewals Workload Universe:		Not reported

WESTLAKE VILLAGE APT (Continued) **1024821035**

Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2018-09-05 20:30:37.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name:	JALSON COMPANY INC
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	201 FILBERT ST
Owner/Operator City,State,Zip:	SAN FRANCISCO, CA 94133-0000
Owner/Operator Telephone:	415-659-1600
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	PATSY ELBUHEL/ASST MAINT MGR
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	333 PARK PLAZA DRIVE
Owner/Operator City,State,Zip:	DALY CITY, CA 94015
Owner/Operator Telephone:	650-756-0959
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

WESTLAKE VILLAGE APT (Continued) **1024821035**

Historic Generators:
- Receive Date: 2008-08-22 00:00:00.0
- Handler Name: WESTLAKE VILLAGE APT
- Federal Waste Generator Description: Not a generator, verified
- State District Owner: Not reported
- Large Quantity Handler of Universal Waste: No
- Recognized Trader Importer: No
- Recognized Trader Exporter: No
- Spent Lead Acid Battery Importer: No
- Spent Lead Acid Battery Exporter: No
- Current Record: Yes
- Non Storage Recycler Activity: Not reported
- Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:
- NAICS Code: 53111
- NAICS Description: LESSORS OF RESIDENTIAL BUILDINGS AND DWELLINGS

Facility Has Received Notices of Violations:
- Violations: No Violations Found

Evaluation Action Summary:
- Evaluations: No Evaluations Found

E29 **WESTLAKE VILLAGE APT** **RCRA NonGen / NLR** **1024821026**
WSW **200 CORONADO AVE** **CAL000335669**
< 1/8 **DALY CITY, CA 94015**
0.073 mi.
387 ft. **Site 2 of 3 in cluster E**

Relative: **Higher**
Actual: **123 ft.**

RCRA NonGen / NLR:
- Date Form Received by Agency: 2008-08-21 00:00:00.0
- Handler Name: WESTLAKE VILLAGE APT
- Handler Address: 200 CORONADO AVE
- Handler City,State,Zip: DALY CITY, CA 94015-3358
- EPA ID: CAL000335669
- Contact Name: PATSY ELBUHEL/ASST MAINT MGR
- Contact Address: 333 PARK PLAZA DRIVE
- Contact City,State,Zip: DALY CITY, CA 94015
- Contact Telephone: 650-756-0959
- Contact Fax: 650-755-1081
- Contact Email: PELBUHEL@GB-A.COM
- Contact Title: Not reported
- EPA Region: 09
- Land Type: Not reported
- Federal Waste Generator Description: Not a generator, verified
- Non-Notifier: Not reported
- Biennial Report Cycle: Not reported
- Accessibility: Not reported
- Active Site Indicator: Handler Activities
- State District Owner: Not reported
- State District: Not reported
- Mailing Address: 333 PARK PLAZA DR
- Mailing City,State,Zip: DALY CITY, CA 94015-0000
- Owner Name: JALSON COMPANY INC

WESTLAKE VILLAGE APT (Continued) **1024821026**

Owner Type:	Other
Operator Name:	PATSY ELBUHEL/ASST MAINT MGR
Operator Type:	Other
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	Yes
Universal Waste Destination Facility:	Yes
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2018-09-05 20:30:37.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No

WESTLAKE VILLAGE APT (Continued) **1024821026**

Sub-Part P Indicator: No

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name:	JALSON COMPANY INC
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	201 FILBERT ST
Owner/Operator City,State,Zip:	SAN FRANCISCO, CA 94133-0000
Owner/Operator Telephone:	415-659-1600
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	PATSY ELBUHEL/ASST MAINT MGR
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	333 PARK PLAZA DRIVE
Owner/Operator City,State,Zip:	DALY CITY, CA 94015
Owner/Operator Telephone:	650-756-0959
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	2008-08-21 00:00:00.0
Handler Name: WESTLAKE VILLAGE APT	
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

List of NAICS Codes and Descriptions:

NAICS Code:	53111
NAICS Description:	LESSORS OF RESIDENTIAL BUILDINGS AND DWELLINGS

Facility Has Received Notices of Violations:

Violations:	No Violations Found

Evaluation Action Summary:

Evaluations:	No Evaluations Found

30
ENE
< 1/8
0.082 mi.
435 ft.

PG&E WESTLAKE SUBSTATION
PARK PLAZA & FAIRWAY
DALY CITY, CA

AST **A100337805**
N/A

Relative:
Higher

Actual:
103 ft.

AST:

Name:	PG&E WESTLAKE SUBSTATION
Address:	PARK PLAZA & FAIRWAY
City/Zip:	DALY CITY,
Certified Unified Program Agencies:	San Mateo
Owner:	Not reported
Total Gallons:	1,320
CERSID:	Not reported
Facility ID:	Not reported
Business Name:	Not reported
Phone:	Not reported
Fax:	Not reported
Mailing Address:	Not reported
Mailing Address City:	Not reported
Mailing Address State:	Not reported
Mailing Address Zip Code:	Not reported
Operator Name:	Not reported
Operator Phone:	Not reported
Owner Phone:	Not reported
Owner Mail Address:	Not reported
Owner State:	Not reported
Owner Zip Code:	Not reported
Owner Country:	Not reported
Property Owner Name:	Not reported
Property Owner Phone:	Not reported
Property Owner Mailing Address:	Not reported
Property Owner City:	Not reported
Property Owner Stat :	Not reported
Property Owner Zip Code:	Not reported
Property Owner Country:	Not reported
EPAID:	Not reported

E31
SW
< 1/8
0.088 mi.
465 ft.

WESTLAKE VILLAGE APT
225 CORONADO AVE
DALY CITY, CA 94015

Site 3 of 3 in cluster E

RCRA NonGen / NLR **1024821025**
CAL000335668

Relative:
Higher

Actual:
128 ft.

RCRA NonGen / NLR:

Date Form Received by Agency:		2008-08-21 00:00:00.0
Handler Name:	WESTLAKE VILLAGE APT	
Handler Address:		225 CORONADO AVE
Handler City,State,Zip:		DALY CITY, CA 94015
EPA ID:		CAL000335668
Contact Name:		PATSY ELBUHEL/ASST MAINT MGR
Contact Address:		333 PARK PLAZA DRIVE
Contact City,State,Zip:		DALY CITY, CA 94015
Contact Telephone:		650-756-0959
Contact Fax:		650-755-1081
Contact Email:		PELBUHEL@GB-A.COM
Contact Title:		Not reported
EPA Region:		09
Land Type:		Not reported
Federal Waste Generator Description:		Not a generator, verified

WESTLAKE VILLAGE APT (Continued) **1024821025**

Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Handler Activities
State District Owner:	Not reported
State District:	Not reported
Mailing Address:	333 PARK PLAZA DR
Mailing City,State,Zip:	DALY CITY, CA 94015-0000
Owner Name:	JALSON COMPANY INC
Owner Type:	Other
Operator Name:	PATSY ELBUHEL/ASST MAINT MGR
Operator Type:	Other
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	Yes
Universal Waste Destination Facility:	Yes
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No

WESTLAKE VILLAGE APT (Continued) **1024821025**

Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2018-09-05 20:30:36.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Handler - Owner Operator:

Owner/Operator Indicator:	Operator
Owner/Operator Name:	PATSY ELBUHEL/ASST MAINT MGR
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	333 PARK PLAZA DRIVE
Owner/Operator City,State,Zip:	DALY CITY, CA 94015
Owner/Operator Telephone:	650-756-0959
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	JALSON COMPANY INC
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	201 FILBERT ST
Owner/Operator City,State,Zip:	SAN FRANCISCO, CA 94133-0000
Owner/Operator Telephone:	415-659-1600
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	2008-08-21 00:00:00.0
Handler Name: WESTLAKE VILLAGE APT	
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

List of NAICS Codes and Descriptions:

NAICS Code:	53111
NAICS Description:	LESSORS OF RESIDENTIAL BUILDINGS AND DWELLINGS

WESTLAKE VILLAGE APT (Continued) **1024821025**

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

F32 **SOUTHGATE CLEANERS** **RCRA-SQG 1000409457**
West **183 SOUTHGATE AVE** **LUST CAD981635766**
< 1/8 **DALY CITY, CA 94015** **CPS-SLIC**
0.093 mi. **FINDS**
491 ft. **Site 1 of 6 in cluster F** **ECHO**
San Mateo Co. BI
Relative: **DRYCLEANERS**
Higher **EMI**
Actual: **HAZNET**
121 ft. **CERS**
HWTS

RCRA-SQG:

Date Form Received by Agency:		1996-09-01 00:00:00.0
Handler Name:	SOUTHGATE CLEANERS	
Handler Address:		183 SOUTHGATE AVE
Handler City,State,Zip:		DALY CITY, CA 94015
EPA ID:		CAD981635766
Contact Name:		Not reported
Contact Address:		Not reported
Contact City,State,Zip:		Not reported
Contact Telephone:		Not reported
Contact Fax:		Not reported
Contact Email:		Not reported
Contact Title:		Not reported
EPA Region:		09
Land Type:		Not reported
Federal Waste Generator Description:		Small Quantity Generator
Non-Notifier:		Not reported
Biennial Report Cycle:		Not reported
Accessibility:		Not reported
Active Site Indicator:		Handler Activities
State District Owner:		CA
State District:		2
Mailing Address:		183 SOUTHGATE AVE
Mailing City,State,Zip:		DALY CITY, CA 94015
Owner Name:		Not reported
Owner Type:		Not reported
Operator Name:		NOT REQUIRED
Operator Type:		Private
Short-Term Generator Activity:		No
Importer Activity:		No
Mixed Waste Generator:		No
Transporter Activity:		No
Transfer Facility Activity:		No
Recycler Activity with Storage:		No
Small Quantity On-Site Burner Exemption:		No
Smelting Melting and Refining Furnace Exemption:		No
Underground Injection Control:		No
Off-Site Waste Receipt:		No

SOUTHGATE CLEANERS (Continued) **1000409457**

Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2002-06-27 03:27:14.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	Not reported
Manifest Broker:	Not reported
Sub-Part P Indicator:	Not reported

Handler - Owner Operator:

Owner/Operator Indicator:	Operator
Owner/Operator Name:	NOT REQUIRED
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	NOT REQUIRED
Owner/Operator City,State,Zip:	NOT REQUIRED, ME 99999
Owner/Operator Telephone:	415-555-1212
Owner/Operator Telephone Ext:	Not reported

SOUTHGATE CLEANERS (Continued) **1000409457**

Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: TOY MILTON
Legal Status: Private
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: NOT REQUIRED
Owner/Operator City,State,Zip: NOT REQUIRED, ME 99999
Owner/Operator Telephone: 415-555-1212
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:
Receive Date: 1996-09-01 00:00:00.0
Handler Name: SOUTHGATE CLEANERS
Federal Waste Generator Description: Small Quantity Generator
State District Owner: CA
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 1986-12-16 00:00:00.0
Handler Name: SOUTHGATE CLEANERS
Federal Waste Generator Description: Large Quantity Generator
State District Owner: CA
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:
NAICS Code: 81232
NAICS Description: DRYCLEANING AND LAUNDRY SERVICES (EXCEPT COIN-OPERATED)

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

SAN MATEO CO. LUST:
Name: SOUTHGATE CLEANERS

SOUTHGATE CLEANERS (Continued) **1000409457**

Address: 183 SOUTHGATE AVE
City,State,Zip: DALY CITY, CA
Region: SAN MATEO
Facility ID: 229067
Facility Status: 3B- Preliminary Assessment Underway
Global ID: SL0608188850
APN Number: 002191330
Case Type: DALY CITY, CA
EDR Link ID: DALY CITY, CA

CPS-SLIC:
Name: SOUTHGATE CLEANERS
Address: 183 SOUTHGATE
City,State,Zip: DALY CITY, CA 94015
Region: STATE
Facility Status: **Open - Site Assessment**
Status Date: 06/04/2008
Global Id: SL0608188850
Lead Agency: SAN MATEO COUNTY LOP
Lead Agency Case Number: 229067
Latitude: 37.6971209492773
Longitude: -122.483853820763
Case Type: Cleanup Program Site
Case Worker: JM
Local Agency: SAN MATEO COUNTY LOP
RB Case Number: Not reported
File Location: Local Agency
Potential Media Affected: Soil
Potential Contaminants of Concern: Tetrachloroethylene (PCE)
Site History: Can be extracted from most recent report in Geotracker or at San Mateo County offices if submitted prior to 2005, San Mateo County does not take responsibility for the accuracy of the statements made or any professional interpretations made in the referenced report.

Click here to access the California GeoTracker records for this facility:

FINDS:
Registry ID: 110001156481

Click Here:

Environmental Interest/Information System:
California Hazardous Waste Tracking System - Datamart (HWTS-DATAMART) provides California with information on hazardous waste shipments for generators, transporters, and treatment, storage, and disposal facilities.
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.
STATE MASTER

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

SOUTHGATE CLEANERS (Continued) **1000409457**

ECHO:
Envid: 1000409457
Registry ID: 110001156481
DFR URL: http://echo.epa.gov/detailed-facility-report?fid=110001156481
Name: SOUTHGATE CLEANERS
Address: 183 SOUTHGATE AVENUE
City,State,Zip: DALY CITY, CA 94015

San Mateo Co. BI:
Name: SOUTHGATE CLEANERS
Address: 183 SOUTHGATE
City,State,Zip: DALY CITY, CA 94015
Region: SAN MATEO
Facility ID: FA0017185
Prog Element Code: GENERATES and RECYCLES WASTE OIL/SOLVENT
Record Id: PR0010940
Description: GENERATES & RECYCLES WASTE OIL/SOLVENT
Facility Status: Inactive, non-billable
Program Category: HAZARDOUS WASTE PROGRAM

Name: SOUTHGATE CLEANERS
Address: 183 SOUTHGATE
City,State,Zip: DALY CITY, CA 94015
Region: SAN MATEO
Facility ID: FA0017185
Prog Element Code: STORES HAZ MAT <219GAL,1,999LB, 879FT3
Record Id: PR0003617
Description: STORES HAZ MAT <219GAL,1,999LB, 879CF
Facility Status: Inactive, non-billable
Program Category: BUSINESS PLAN PROGRAM

DRYCLEANERS:
Name: SOUTHGATE CLEANERS
Address: 183 SOUTHGATE AVE
City,State,Zip: DALY CITY, CA 940150000
EPA Id: CAD981635766
NAICS Code: 81232
NAICS Description: Drycleaning and Laundry Services (except Coin-Operated)
SIC Code: 7211
SIC Description: Power Laundries, Family and Commercial
Create Date: 07/03/1987
Facility Active: No
Inactive Date: 06/30/2007
Facility Addr2: Not reported
Owner Name: TOY MELTON
Owner Address: 183 SOUTHGATE AVE
Owner Address 2: Not reported
Owner Telephone: 6507565244
Contact Name: TOY MILTON
Contact Address: 183 SOUTHGATE AVE
Contact Address 2: Not reported
Contact Telephone: 6507565244
Mailing Name: Not reported
Mailing Address 1: 735 HICKEY BLVD STE 139
Mailing Address 2: Not reported
Mailing City: PACIFICA

SOUTHGATE CLEANERS (Continued) **1000409457**

Mailing State: CA
Mailing Zip: 940440000
Owner Fax: Not reported
Region Code: 2

EMI:

Name:	SOUTHGATE CLEANERS
Address:	183 SOUTHGATE AVENUE
City,State,Zip:	DALY CITY, CA 940150000
Year:	1990
County Code:	41
Air Basin:	SF
Facility ID:	4596
Air District Name:	BA
SIC Code:	7216
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	1
Reactive Organic Gases Tons/Yr:	0
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

Name:	SOUTHGATE CLEANERS
Address:	183 SOUTHGATE AVENUE
City,State,Zip:	DALY CITY, CA 940150000
Year:	1995
County Code:	41
Air Basin:	SF
Facility ID:	4596
Air District Name:	BA
SIC Code:	7216
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	1
Reactive Organic Gases Tons/Yr:	0
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

Name:	SOUTHGATE CLEANERS
Address:	183 SOUTHGATE AVENUE
City,State,Zip:	DALY CITY, CA 940150000
Year:	1996
County Code:	41
Air Basin:	SF
Facility ID:	4596
Air District Name:	BA
SIC Code:	7216
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported

SOUTHGATE CLEANERS (Continued) **1000409457**

Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0
Reactive Organic Gases Tons/Yr:	0
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

Name:	SOUTHGATE CLEANERS
Address:	183 SOUTHGATE AVENUE
City,State,Zip:	DALY CITY, CA 940150000
Year:	1997
County Code:	41
Air Basin:	SF
Facility ID:	4596
Air District Name:	BA
SIC Code:	7216
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0
Reactive Organic Gases Tons/Yr:	0
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

Name:	SOUTHGATE CLEANERS
Address:	183 SOUTHGATE AVENUE
City,State,Zip:	DALY CITY, CA 940150000
Year:	2001
County Code:	41
Air Basin:	SF
Facility ID:	4596
Air District Name:	BA
SIC Code:	7216
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0
Reactive Organic Gases Tons/Yr:	0
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

Name:	SOUTHGATE CLEANERS
Address:	183 SOUTHGATE AVENUE
City,State,Zip:	DALY CITY, CA 940150000
Year:	2002
County Code:	41
Air Basin:	SF
Facility ID:	4596
Air District Name:	BA

SOUTHGATE CLEANERS (Continued) **1000409457**

SIC Code:	7216
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0
Reactive Organic Gases Tons/Yr:	0
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

Name:	SOUTHGATE CLEANERS
Address:	183 SOUTHGATE AVENUE
City,State,Zip:	DALY CITY, CA 940150000
Year:	2003
County Code:	41
Air Basin:	SF
Facility ID:	4596
Air District Name:	BA
SIC Code:	7216
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	1
Reactive Organic Gases Tons/Yr:	0
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

Name:	SOUTHGATE CLEANERS
Address:	183 SOUTHGATE AVENUE
City,State,Zip:	DALY CITY, CA 940150000
Year:	2004
County Code:	41
Air Basin:	SF
Facility ID:	4596
Air District Name:	BA
SIC Code:	7216
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0.513
Reactive Organic Gases Tons/Yr:	0
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

Name:	SOUTHGATE CLEANERS
Address:	183 SOUTHGATE AVENUE
City,State,Zip:	DALY CITY, CA 940150000
Year:	2005
County Code:	41

SOUTHGATE CLEANERS (Continued) **1000409457**

Air Basin:	SF
Facility ID:	4596
Air District Name:	BA
SIC Code:	7216
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0
Reactive Organic Gases Tons/Yr:	0
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

Name:	SOUTHGATE CLEANERS
Address:	183 SOUTHGATE AVENUE
City,State,Zip:	DALY CITY, CA 940150000
Year:	2006
County Code:	41
Air Basin:	SF
Facility ID:	4596
Air District Name:	BA
SIC Code:	7216
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	.304
Reactive Organic Gases Tons/Yr:	0
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

Name:	SOUTHGATE CLEANERS
Address:	183 SOUTHGATE AVENUE
City,State,Zip:	DALY CITY, CA 920141902
Year:	2007
County Code:	41
Air Basin:	SF
Facility ID:	4596
Air District Name:	BA
SIC Code:	7216
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	.304
Reactive Organic Gases Tons/Yr:	.2123744
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

HAZNET:

Name:	SOUTHGATE CLEANERS

SOUTHGATE CLEANERS (Continued) **1000409457**

Address:	183 SOUTHGATE AVE
Address 2:	Not reported
City,State,Zip:	DALY CITY, CA 940150000
Contact:	TOY MILTON
Telephone:	6507565244
Mailing Name:	Not reported
Mailing Address:	735 HICKEY BLVD STE 139
Year:	2007
Gepaid:	CAD981635766
TSD EPA ID:	CA0000084517
CA Waste Code:	741 - Liquids with halogenated organic compounds >= 1,000 Mg./L
Disposal Method:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons:	0.3525
Year:	2006
Gepaid:	CAD981635766
TSD EPA ID:	CA0000084517
CA Waste Code:	741 - Liquids with halogenated organic compounds >= 1,000 Mg./L
Disposal Method:	H01 - Transfer Station
Tons:	0.195
Year:	2006
Gepaid:	CAD981635766
TSD EPA ID:	CA0000084517
CA Waste Code:	741 - Liquids with halogenated organic compounds >= 1,000 Mg./L
Disposal Method:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons:	0.225
Year:	2005
Gepaid:	CAD981635766
TSD EPA ID:	CA0000084517
CA Waste Code:	741 - Liquids with halogenated organic compounds >= 1,000 Mg./L
Disposal Method:	H01 - Transfer Station
Tons:	1.09815
Year:	2004
Gepaid:	CAD981635766
TSD EPA ID:	CA0000084517
CA Waste Code:	741 - Liquids with halogenated organic compounds >= 1,000 Mg./L
Disposal Method:	H01 - Transfer Station
Tons:	0.48
Year:	2003
Gepaid:	CAD981635766
TSD EPA ID:	CA0000084517
CA Waste Code:	741 - Liquids with halogenated organic compounds >= 1,000 Mg./L
Disposal Method:	H01 - Transfer Station
Tons:	0.6375
Year:	2002
Gepaid:	CAD981635766
TSD EPA ID:	CA0000084517
CA Waste Code:	741 - Liquids with halogenated organic compounds >= 1,000 Mg./L
Disposal Method:	H01 - Transfer Station

SOUTHGATE CLEANERS (Continued) **1000409457**

Tons: 0.6075

Year: 2001
Gepaid: CAD981635766
TSD EPA ID: CA0000084517
CA Waste Code: 741 - Liquids with halogenated organic compounds >= 1,000 Mg./L
Disposal Method: H01 - Transfer Station
Tons: 0.57

Year: 2000
Gepaid: CAD981635766
TSD EPA ID: CA0000084517
CA Waste Code: 741 - Liquids with halogenated organic compounds >= 1,000 Mg./L
Disposal Method: H01 - Transfer Station
Tons: 0.57

Year: 1999
Gepaid: CAD981635766
TSD EPA ID: CA0000084517
CA Waste Code: 741 - Liquids with halogenated organic compounds >= 1,000 Mg./L
Disposal Method: H01 - Transfer Station
Tons: 0.6

Click this hyperlink while viewing on your computer to access
12 additional CA HAZNET: record(s) in the EDR Site Report.

Additional Info:
Year: 2003
Gen EPA ID: CAD981635766

Shipment Date: 20031208
Creation Date: 7/30/2004 18:31:14
Receipt Date: 20031211
Manifest ID: 22806361
Trans EPA ID: TXR000050930
Trans Name: SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CA0000084517
Trans Name: SAFETY-KLEEN SYSTEMS INC
TSDF Alt EPA ID: CA0000084517
TSDF Alt Name: Not reported
Waste Code Description: 741 - Liquids with halogenated organic compounds > 1000 mg/l
RCRA Code: F002
Meth Code: H01 - Transfer Station
Quantity Tons: 0.03
Waste Quantity: 60
Quantity Unit: P
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20031014
Creation Date: 8/20/2004 8:27:39

SOUTHGATE CLEANERS (Continued) **1000409457**

Receipt Date:	20031017
Manifest ID:	22519940
Trans EPA ID:	TXR000050930
Trans Name:	SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CA0000084517
Trans Name:	SAFETY-KLEEN SYSTEMS INC
TSDF Alt EPA ID:	CA0000084517
TSDF Alt Name:	Not reported
Waste Code Description:	741 - Liquids with halogenated organic compounds > 1000 mg/l
RCRA Code:	F002
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.0975
Waste Quantity:	195
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20030915
Creation Date:	7/13/2004 10:48:19
Receipt Date:	20030919
Manifest ID:	22528523
Trans EPA ID:	TXR000050930
Trans Name:	SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CA0000084517
Trans Name:	SAFETY-KLEEN SYSTEMS INC
TSDF Alt EPA ID:	CA0000084517
TSDF Alt Name:	Not reported
Waste Code Description:	741 - Liquids with halogenated organic compounds > 1000 mg/l
RCRA Code:	F002
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.06
Waste Quantity:	120
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20030724
Creation Date:	7/29/2004 7:44:50
Receipt Date:	20030729
Manifest ID:	22878890
Trans EPA ID:	TXR000050930
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CA0000084517
Trans Name:	Not reported
TSDF Alt EPA ID:	CA0000084517

SOUTHGATE CLEANERS (Continued) **1000409457**

TSDF Alt Name:	Not reported
Waste Code Description:	741 - Liquids with halogenated organic compounds > 1000 mg/l
RCRA Code:	F002
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.195
Waste Quantity:	390
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20030502
Creation Date:	6/22/2004 9:47:57
Receipt Date:	20030509
Manifest ID:	22372771
Trans EPA ID:	TXR000050930
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CA0000084517
Trans Name:	Not reported
TSDF Alt EPA ID:	CA0000084517
TSDF Alt Name:	Not reported
Waste Code Description:	741 - Liquids with halogenated organic compounds > 1000 mg/l
RCRA Code:	F002
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.03
Waste Quantity:	60
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20030304
Creation Date:	6/21/2003 18:30:56
Receipt Date:	20030307
Manifest ID:	22438521
Trans EPA ID:	TXR000050930
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CA0000084517
Trans Name:	Not reported
TSDF Alt EPA ID:	CA0000084517
TSDF Alt Name:	Not reported
Waste Code Description:	741 - Liquids with halogenated organic compounds > 1000 mg/l
RCRA Code:	F002
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.195
Waste Quantity:	390
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported

SOUTHGATE CLEANERS (Continued) **1000409457**

Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20030124
Creation Date:	7/12/2003 18:31:23
Receipt Date:	20030131
Manifest ID:	21229507
Trans EPA ID:	TXR000050930
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CA0000084517
Trans Name:	Not reported
TSDF Alt EPA ID:	CA0000084517
TSDF Alt Name:	Not reported
Waste Code Description:	741 - Liquids with halogenated organic compounds > 1000 mg/l
RCRA Code:	F002
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.03
Waste Quantity:	60
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	1993
Gen EPA ID:	CAD981635766
Shipment Date:	19931220
Creation Date:	9/14/1995 0:00:00
Receipt Date:	19931227
Manifest ID:	93120442
Trans EPA ID:	ILD984908202
Trans Name:	Not reported
Trans 2 EPA ID:	ILD984908202
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT000613893
Trans Name:	Not reported
TSDF Alt EPA ID:	CAT000613893
TSDF Alt Name:	Not reported
Waste Code Description:	741 - Liquids with halogenated organic compounds > 1000 mg/l
RCRA Code:	F002
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.1575
Waste Quantity:	315
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19931119

SOUTHGATE CLEANERS (Continued) **1000409457**

Creation Date:	9/14/1995 0:00:00
Receipt Date:	19931123
Manifest ID:	93118268
Trans EPA ID:	ILD984908202
Trans Name:	Not reported
Trans 2 EPA ID:	ILD984908202
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT000613893
Trans Name:	Not reported
TSDF Alt EPA ID:	CAT000613893
TSDF Alt Name:	Not reported
Waste Code Description:	741 - Liquids with halogenated organic compounds > 1000 mg/l
RCRA Code:	F002
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.0975
Waste Quantity:	195
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	19931026
Creation Date:	9/13/1995 0:00:00
Receipt Date:	19931028
Manifest ID:	93086514
Trans EPA ID:	ILD984908202
Trans Name:	Not reported
Trans 2 EPA ID:	ILD984908202
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT000613893
Trans Name:	Not reported
TSDF Alt EPA ID:	CAT000613893
TSDF Alt Name:	Not reported
Waste Code Description:	741 - Liquids with halogenated organic compounds > 1000 mg/l
RCRA Code:	F002
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.03
Waste Quantity:	60
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	19930927
Creation Date:	9/12/1995 0:00:00
Receipt Date:	Not reported
Manifest ID:	93035859
Trans EPA ID:	ILD984908202
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	Not reported
Trans Name:	Not reported

SOUTHGATE CLEANERS (Continued) **1000409457**

TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	741 - Liquids with halogenated organic compounds > 1000 mg/l
RCRA Code:	F002
Meth Code:	- Not reported
Quantity Tons:	0.0975
Waste Quantity:	195
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19930830
Creation Date:	9/12/1995 0:00:00
Receipt Date:	19930902
Manifest ID:	93032756
Trans EPA ID:	ILD984908202
Trans Name:	Not reported
Trans 2 EPA ID:	ILD984908202
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT000613893
Trans Name:	Not reported
TSDF Alt EPA ID:	CAT000613893
TSDF Alt Name:	Not reported
Waste Code Description:	741 - Liquids with halogenated organic compounds > 1000 mg/l
RCRA Code:	F002
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.0975
Waste Quantity:	195
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19930802
Creation Date:	9/11/1995 0:00:00
Receipt Date:	19930805
Manifest ID:	93225163
Trans EPA ID:	ILD984908202
Trans Name:	Not reported
Trans 2 EPA ID:	ILD984908202
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT000613893
Trans Name:	Not reported
TSDF Alt EPA ID:	CAT000613893
TSDF Alt Name:	Not reported
Waste Code Description:	741 - Liquids with halogenated organic compounds > 1000 mg/l
RCRA Code:	F002
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.1275
Waste Quantity:	255
Quantity Unit:	P
Additional Code 1:	Not reported

SOUTHGATE CLEANERS (Continued) **1000409457**

Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19930607
Creation Date:	9/8/1995 0:00:00
Receipt Date:	19930610
Manifest ID:	92624650
Trans EPA ID:	ILD984908202
Trans Name:	Not reported
Trans 2 EPA ID:	ILD984908202
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT000613893
Trans Name:	Not reported
TSDF Alt EPA ID:	CAT000613893
TSDF Alt Name:	Not reported
Waste Code Description:	741 - Liquids with halogenated organic compounds > 1000 mg/l
RCRA Code:	F002
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.0975
Waste Quantity:	195
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19930513
Creation Date:	9/7/1995 0:00:00
Receipt Date:	19930518
Manifest ID:	92391085
Trans EPA ID:	ILD051060408
Trans Name:	Not reported
Trans 2 EPA ID:	ILD051060408
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT000613893
Trans Name:	Not reported
TSDF Alt EPA ID:	CAT000613893
TSDF Alt Name:	Not reported
Waste Code Description:	741 - Liquids with halogenated organic compounds > 1000 mg/l
RCRA Code:	F002
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.1575
Waste Quantity:	315
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	2000
Gen EPA ID:	CAD981635766

SOUTHGATE CLEANERS (Continued) **1000409457**

Shipment Date:	20001211
Creation Date:	3/6/2001 0:00:00
Receipt Date:	20001215
Manifest ID:	20390972
Trans EPA ID:	SCR000075150
Trans Name:	Not reported
Trans 2 EPA ID:	SCR000074591
Trans 2 Name:	Not reported
TSDF EPA ID:	CA0000084517
Trans Name:	Not reported
TSDF Alt EPA ID:	CA0000084517
TSDF Alt Name:	Not reported
Waste Code Description:	741 - Liquids with halogenated organic compounds > 1000 mg/l
RCRA Code:	F002
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.03
Waste Quantity:	60
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20001023
Creation Date:	12/13/2000 0:00:00
Receipt Date:	20001027
Manifest ID:	20038233
Trans EPA ID:	SCR000075150
Trans Name:	Not reported
Trans 2 EPA ID:	SCR000074591
Trans 2 Name:	Not reported
TSDF EPA ID:	CA0000084517
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	741 - Liquids with halogenated organic compounds > 1000 mg/l
RCRA Code:	F002
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.0975
Waste Quantity:	195
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20000919
Creation Date:	12/8/2000 0:00:00
Receipt Date:	20000927
Manifest ID:	20036834
Trans EPA ID:	SCR000075150
Trans Name:	Not reported
Trans 2 EPA ID:	SCR000074591
Trans 2 Name:	Not reported
TSDF EPA ID:	CA0000084517

SOUTHGATE CLEANERS (Continued) **1000409457**

Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	741 - Liquids with halogenated organic compounds > 1000 mg/l
RCRA Code:	F002
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.03
Waste Quantity:	60
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20000727
Creation Date:	9/11/2000 0:00:00
Receipt Date:	20000801
Manifest ID:	20166194
Trans EPA ID:	SCR000075150
Trans Name:	Not reported
Trans 2 EPA ID:	SCR000074591
Trans 2 Name:	Not reported
TSDF EPA ID:	CA0000084517
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	741 - Liquids with halogenated organic compounds > 1000 mg/l
RCRA Code:	F002
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.0975
Waste Quantity:	195
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20000727
Creation Date:	9/11/2000 0:00:00
Receipt Date:	20000801
Manifest ID:	20166194
Trans EPA ID:	SCR000075150
Trans Name:	Not reported
Trans 2 EPA ID:	SCR000074591
Trans 2 Name:	Not reported
TSDF EPA ID:	CA0000084517
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	741 - Liquids with halogenated organic compounds > 1000 mg/l
RCRA Code:	F002
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.06
Waste Quantity:	120
Quantity Unit:	P

SOUTHGATE CLEANERS (Continued) **1000409457**

Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20000505
Creation Date:	8/1/2000 0:00:00
Receipt Date:	20000510
Manifest ID:	99857837
Trans EPA ID:	ILD984908202
Trans Name:	Not reported
Trans 2 EPA ID:	SCR000074591
Trans 2 Name:	Not reported
TSDF EPA ID:	CA0000084517
Trans Name:	Not reported
TSDF Alt EPA ID:	CA0000084517
TSDF Alt Name:	Not reported
Waste Code Description:	741 - Liquids with halogenated organic compounds > 1000 mg/l
RCRA Code:	F002
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.03
Waste Quantity:	60
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20000406
Creation Date:	5/30/2000 0:00:00
Receipt Date:	20000411
Manifest ID:	99845664
Trans EPA ID:	ILD984908202
Trans Name:	Not reported
Trans 2 EPA ID:	SCR000074591
Trans 2 Name:	Not reported
TSDF EPA ID:	CA0000084517
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	741 - Liquids with halogenated organic compounds > 1000 mg/l
RCRA Code:	F002
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.0975
Waste Quantity:	195
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20000211
Creation Date:	5/3/2000 0:00:00
Receipt Date:	20000216

SOUTHGATE CLEANERS (Continued) **1000409457**

Manifest ID:	99864541
Trans EPA ID:	ILD984908202
Trans Name:	Not reported
Trans 2 EPA ID:	SCR000074591
Trans 2 Name:	Not reported
TSDF EPA ID:	CA0000084517
Trans Name:	Not reported
TSDF Alt EPA ID:	CA0000084517
TSDF Alt Name:	Not reported
Waste Code Description:	741 - Liquids with halogenated organic compounds > 1000 mg/l
RCRA Code:	F002
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.03
Waste Quantity:	60
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20000113
Creation Date:	3/22/2000 0:00:00
Receipt Date:	20000119
Manifest ID:	99860396
Trans EPA ID:	ILD984908202
Trans Name:	Not reported
Trans 2 EPA ID:	SCR000074591
Trans 2 Name:	Not reported
TSDF EPA ID:	CA0000084517
Trans Name:	Not reported
TSDF Alt EPA ID:	CA0000084517
TSDF Alt Name:	Not reported
Waste Code Description:	741 - Liquids with halogenated organic compounds > 1000 mg/l
RCRA Code:	F002
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.0975
Waste Quantity:	195
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	2007
Gen EPA ID:	CAD981635766

Shipment Date:	20070416
Creation Date:	8/29/2007 18:30:06
Receipt Date:	20070419
Manifest ID:	000362814SKS
Trans EPA ID:	TXR000050930
Trans Name:	SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported

SOUTHGATE CLEANERS (Continued) **1000409457**

TSDF EPA ID:	CA0000084517
Trans Name:	SAFETY-KLEEN SYSTEMS INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	741 - Liquids with halogenated organic compounds > 1000 mg/l
RCRA Code:	F002
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.195
Waste Quantity:	390
Quantity Unit:	P
Additional Code 1:	D040
Additional Code 2:	D039
Additional Code 3:	D007
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20070103
Creation Date:	4/19/2007 18:31:30
Receipt Date:	20070105
Manifest ID:	000460556SKS
Trans EPA ID:	TXR000050930
Trans Name:	SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CA0000084517
Trans Name:	SAFETY-KLEEN SYSTEMS INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	741 - Liquids with halogenated organic compounds > 1000 mg/l
RCRA Code:	F002
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.06
Waste Quantity:	120
Quantity Unit:	P
Additional Code 1:	D040
Additional Code 2:	D039
Additional Code 3:	D007
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20070103
Creation Date:	4/19/2007 18:31:30
Receipt Date:	20070105
Manifest ID:	000460556SKS
Trans EPA ID:	TXR000050930
Trans Name:	SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CA0000084517
Trans Name:	SAFETY-KLEEN SYSTEMS INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	741 - Liquids with halogenated organic compounds > 1000 mg/l
RCRA Code:	F002
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No

SOUTHGATE CLEANERS (Continued) **1000409457**

	Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.0975
Waste Quantity:	195
Quantity Unit:	P
Additional Code 1:	D040
Additional Code 2:	D039
Additional Code 3:	D007
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	1996
Gen EPA ID:	CAD981635766
Shipment Date:	19961217
Creation Date:	5/20/1997 0:00:00
Receipt Date:	19961219
Manifest ID:	96474757
Trans EPA ID:	ILD984908202
Trans Name:	Not reported
Trans 2 EPA ID:	ILD984908202
Trans 2 Name:	Not reported
TSDF EPA ID:	CA0000084517
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	741 - Liquids with halogenated organic compounds > 1000 mg/l
RCRA Code:	F002
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.06
Waste Quantity:	120
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19961022
Creation Date:	5/20/1997 0:00:00
Receipt Date:	19961029
Manifest ID:	96484859
Trans EPA ID:	ILD984908202
Trans Name:	Not reported
Trans 2 EPA ID:	ILD984908202
Trans 2 Name:	Not reported
TSDF EPA ID:	CA0000084517
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	741 - Liquids with halogenated organic compounds > 1000 mg/l
RCRA Code:	F002
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.03
Waste Quantity:	60
Quantity Unit:	P
Additional Code 1:	Not reported

SOUTHGATE CLEANERS (Continued) **1000409457**

Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19961022
Creation Date:	5/20/1997 0:00:00
Receipt Date:	19961029
Manifest ID:	96484859
Trans EPA ID:	ILD984908202
Trans Name:	Not reported
Trans 2 EPA ID:	ILD984908202
Trans 2 Name:	Not reported
TSDF EPA ID:	CA0000084517
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	741 - Liquids with halogenated organic compounds > 1000 mg/l
RCRA Code:	F002
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.195
Waste Quantity:	390
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19960731
Creation Date:	5/30/1997 0:00:00
Receipt Date:	19960806
Manifest ID:	96104753
Trans EPA ID:	ILD984908202
Trans Name:	Not reported
Trans 2 EPA ID:	ILD984908202
Trans 2 Name:	Not reported
TSDF EPA ID:	CAO000084517
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	741 - Liquids with halogenated organic compounds > 1000 mg/l
RCRA Code:	F002
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.03
Waste Quantity:	60
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19960701
Creation Date:	5/20/1997 0:00:00
Receipt Date:	19960703
Manifest ID:	96099561

SOUTHGATE CLEANERS (Continued) **1000409457**

Trans EPA ID:	ILD984908202
Trans Name:	Not reported
Trans 2 EPA ID:	ILD984908202
Trans 2 Name:	Not reported
TSDF EPA ID:	CA0000084517
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	741 - Liquids with halogenated organic compounds > 1000 mg/l
RCRA Code:	F002
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.0975
Waste Quantity:	195
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	19960605
Creation Date:	5/30/1997 0:00:00
Receipt Date:	19960607
Manifest ID:	96137614
Trans EPA ID:	ILD984908202
Trans Name:	Not reported
Trans 2 EPA ID:	ILD984908202
Trans 2 Name:	Not reported
TSDF EPA ID:	CA0000084517
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	741 - Liquids with halogenated organic compounds > 1000 mg/l
RCRA Code:	F002
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.06
Waste Quantity:	120
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	19960409
Creation Date:	10/4/1996 0:00:00
Receipt Date:	19960411
Manifest ID:	96075237
Trans EPA ID:	ILD984908202
Trans Name:	Not reported
Trans 2 EPA ID:	ILD984908202
Trans 2 Name:	Not reported
TSDF EPA ID:	CA0000084517
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	741 - Liquids with halogenated organic compounds > 1000 mg/l

SOUTHGATE CLEANERS (Continued) **1000409457**

RCRA Code:	F002
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.03
Waste Quantity:	60
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19960213
Creation Date:	10/10/1996 0:00:00
Receipt Date:	19960215
Manifest ID:	95963201
Trans EPA ID:	ILD984908202
Trans Name:	Not reported
Trans 2 EPA ID:	ILD984908202
Trans 2 Name:	Not reported
TSDF EPA ID:	CA0000084517
Trans Name:	Not reported
TSDF Alt EPA ID:	CA0000084517
TSDF Alt Name:	Not reported
Waste Code Description:	741 - Liquids with halogenated organic compounds > 1000 mg/l
RCRA Code:	F002
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.0975
Waste Quantity:	195
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19960119
Creation Date:	10/9/1996 0:00:00
Receipt Date:	19960123
Manifest ID:	95831118
Trans EPA ID:	ILD984908202
Trans Name:	Not reported
Trans 2 EPA ID:	ILD984908202
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT000613950
Trans Name:	Not reported
TSDF Alt EPA ID:	CAT000613950
TSDF Alt Name:	Not reported
Waste Code Description:	741 - Liquids with halogenated organic compounds > 1000 mg/l
RCRA Code:	F002
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.03
Waste Quantity:	60
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported

SOUTHGATE CLEANERS (Continued) **1000409457**

Additional Code 5: Not reported

Additional Info:
Year: 1998
Gen EPA ID: CAD981635766

Shipment Date: 19981120
Creation Date: 1/21/1999 0:00:00
Receipt Date: 19981130
Manifest ID: 98446841
Trans EPA ID: ILD984908202
Trans Name: Not reported
Trans 2 EPA ID: SCD987574647
Trans 2 Name: Not reported
TSDF EPA ID: CA0000084517
Trans Name: Not reported
TSDF Alt EPA ID: CA0000084517
TSDF Alt Name: Not reported
Waste Code Description: 741 - Liquids with halogenated organic compounds > 1000 mg/l
RCRA Code: F002
Meth Code: H01 - Transfer Station
Quantity Tons: 0.0975
Waste Quantity: 195
Quantity Unit: P
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 19981023
Creation Date: 1/13/1999 0:00:00
Receipt Date: 19981029
Manifest ID: 98564630
Trans EPA ID: ILD984908202
Trans Name: Not reported
Trans 2 EPA ID: SCD987574647
Trans 2 Name: Not reported
TSDF EPA ID: CA0000084517
Trans Name: Not reported
TSDF Alt EPA ID: CA0000084517
TSDF Alt Name: Not reported
Waste Code Description: 741 - Liquids with halogenated organic compounds > 1000 mg/l
RCRA Code: F002
Meth Code: H01 - Transfer Station
Quantity Tons: 0.03
Waste Quantity: 60
Quantity Unit: P
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 19980824
Creation Date: 11/2/1998 0:00:00
Receipt Date: 19980901

SOUTHGATE CLEANERS (Continued) **1000409457**

Manifest ID:	98275598
Trans EPA ID:	ILD984908202
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CA0000084517
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	741 - Liquids with halogenated organic compounds > 1000 mg/l
RCRA Code:	F002
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.06
Waste Quantity:	120
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	19980731
Creation Date:	10/20/1998 0:00:00
Receipt Date:	19980806
Manifest ID:	98137808
Trans EPA ID:	ILD984908202
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CA0000084517
Trans Name:	Not reported
TSDF Alt EPA ID:	CA0000084517
TSDF Alt Name:	Not reported
Waste Code Description:	741 - Liquids with halogenated organic compounds > 1000 mg/l
RCRA Code:	F002
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.0975
Waste Quantity:	195
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	19980602
Creation Date:	8/3/1998 0:00:00
Receipt Date:	19980605
Manifest ID:	98183311
Trans EPA ID:	ILD984908202
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CA0000084517
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported

SOUTHGATE CLEANERS (Continued) **1000409457**

Waste Code Description:	741 - Liquids with halogenated organic compounds > 1000 mg/l
RCRA Code:	F002
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.03
Waste Quantity:	60
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19980602
Creation Date:	8/3/1998 0:00:00
Receipt Date:	19980605
Manifest ID:	98183311
Trans EPA ID:	ILD984908202
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CA0000084517
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	741 - Liquids with halogenated organic compounds > 1000 mg/l
RCRA Code:	F002
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.195
Waste Quantity:	390
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19980413
Creation Date:	6/16/1998 0:00:00
Receipt Date:	19980416
Manifest ID:	97390695
Trans EPA ID:	ILD984908202
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CA0000084517
Trans Name:	Not reported
TSDF Alt EPA ID:	CA0000084517
TSDF Alt Name:	Not reported
Waste Code Description:	741 - Liquids with halogenated organic compounds > 1000 mg/l
RCRA Code:	F002
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.03
Waste Quantity:	60
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported

SOUTHGATE CLEANERS (Continued) **1000409457**

Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19980310
Creation Date:	5/8/1998 0:00:00
Receipt Date:	19980313
Manifest ID:	97361785
Trans EPA ID:	ILD984908202
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CA0000084517
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	741 - Liquids with halogenated organic compounds > 1000 mg/l
RCRA Code:	F002
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.0975
Waste Quantity:	195
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19980209
Creation Date:	4/16/1998 0:00:00
Receipt Date:	19980213
Manifest ID:	97401849
Trans EPA ID:	ILD984908202
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CA0000084517
Trans Name:	Not reported
TSDF Alt EPA ID:	CA0000084517
TSDF Alt Name:	Not reported
Waste Code Description:	741 - Liquids with halogenated organic compounds > 1000 mg/l
RCRA Code:	F002
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.06
Waste Quantity:	120
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19980114
Creation Date:	3/31/1998 0:00:00
Receipt Date:	19980116
Manifest ID:	97353431
Trans EPA ID:	ILD984908202
Trans Name:	Not reported

SOUTHGATE CLEANERS (Continued) **1000409457**

Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CA0000084517
Trans Name:	Not reported
TSDF Alt EPA ID:	CA0000084517
TSDF Alt Name:	Not reported
Waste Code Description:	741 - Liquids with halogenated organic compounds > 1000 mg/l
RCRA Code:	F002
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.0975
Waste Quantity:	195
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	2006
Gen EPA ID:	CAD981635766
Shipment Date:	20061017
Creation Date:	3/30/2007 13:33:40
Receipt Date:	20061019
Manifest ID:	000824657JJK
Trans EPA ID:	TXR000050930
Trans Name:	SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CA0000084517
Trans Name:	SAFETY-KLEEN SYSTEMS INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	741 - Liquids with halogenated organic compounds > 1000 mg/l
RCRA Code:	F002
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.195
Waste Quantity:	390
Quantity Unit:	P
Additional Code 1:	D040
Additional Code 2:	D039
Additional Code 3:	D007
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20061017
Creation Date:	3/30/2007 13:33:40
Receipt Date:	20061019
Manifest ID:	000824657JJK
Trans EPA ID:	TXR000050930
Trans Name:	SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CA0000084517
Trans Name:	SAFETY-KLEEN SYSTEMS INC

SOUTHGATE CLEANERS (Continued) **1000409457**

TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	741 - Liquids with halogenated organic compounds > 1000 mg/l
RCRA Code:	F002
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.03
Waste Quantity:	60
Quantity Unit:	P
Additional Code 1:	D040
Additional Code 2:	D039
Additional Code 3:	D007
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20060302
Creation Date:	7/5/2006 12:03:31
Receipt Date:	20060306
Manifest ID:	24608665
Trans EPA ID:	TXR000050930
Trans Name:	SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CA0000084517
Trans Name:	SAFETY-KLEEN SYSTEMS INC
TSDF Alt EPA ID:	CA0000084517
TSDF Alt Name:	Not reported
Waste Code Description:	741 - Liquids with halogenated organic compounds > 1000 mg/l
RCRA Code:	F002
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.195
Waste Quantity:	390
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	2004
Gen EPA ID:	CAD981635766
Shipment Date:	20041217
Creation Date:	3/13/2007 18:30:13
Receipt Date:	20041223
Manifest ID:	23652093
Trans EPA ID:	TXR000050930
Trans Name:	SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CA0000084517
Trans Name:	SAFETY-KLEEN SYSTEMS INC
TSDF Alt EPA ID:	CA0000084517
TSDF Alt Name:	Not reported
Waste Code Description:	741 - Liquids with halogenated organic compounds > 1000 mg/l
RCRA Code:	F002

SOUTHGATE CLEANERS (Continued) **1000409457**

Meth Code:	H01 - Transfer Station
Quantity Tons:	0.195
Waste Quantity:	390
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20040817
Creation Date:	12/28/2004 14:46:39
Receipt Date:	20040819
Manifest ID:	23708514
Trans EPA ID:	TXR000050930
Trans Name:	SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CA0000084517
Trans Name:	SAFETY-KLEEN SYSTEMS INC
TSDF Alt EPA ID:	CA0000084517
TSDF Alt Name:	Not reported
Waste Code Description:	741 - Liquids with halogenated organic compounds > 1000 mg/l
RCRA Code:	F002
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.06
Waste Quantity:	120
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20040525
Creation Date:	10/29/2004 7:40:51
Receipt Date:	20040527
Manifest ID:	23501294
Trans EPA ID:	TXR000050930
Trans Name:	SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CA0000084517
Trans Name:	SAFETY-KLEEN SYSTEMS INC
TSDF Alt EPA ID:	CA0000084517
TSDF Alt Name:	Not reported
Waste Code Description:	741 - Liquids with halogenated organic compounds > 1000 mg/l
RCRA Code:	F002
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.0975
Waste Quantity:	195
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

SOUTHGATE CLEANERS (Continued) **1000409457**

Shipment Date:	20040329
Creation Date:	10/1/2004 18:31:52
Receipt Date:	20040401
Manifest ID:	22573689
Trans EPA ID:	TXR000050930
Trans Name:	SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CA0000084517
Trans Name:	SAFETY-KLEEN SYSTEMS INC
TSDF Alt EPA ID:	CA0000084517
TSDF Alt Name:	Not reported
Waste Code Description:	741 - Liquids with halogenated organic compounds > 1000 mg/l
RCRA Code:	F002
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.03
Waste Quantity:	60
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20040302
Creation Date:	10/1/2004 18:31:52
Receipt Date:	20040304
Manifest ID:	23471408
Trans EPA ID:	TXR000050930
Trans Name:	SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CA0000084517
Trans Name:	SAFETY-KLEEN SYSTEMS INC
TSDF Alt EPA ID:	CA0000084517
TSDF Alt Name:	Not reported
Waste Code Description:	741 - Liquids with halogenated organic compounds > 1000 mg/l
RCRA Code:	F002
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.0975
Waste Quantity:	195
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	2001
Gen EPA ID:	CAD981635766

Shipment Date:	20011115
Creation Date:	1/16/2002 0:00:00
Receipt Date:	20011120
Manifest ID:	21312245
Trans EPA ID:	SCR000075150

SOUTHGATE CLEANERS (Continued) **1000409457**

Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CA0000084517
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	741 - Liquids with halogenated organic compounds > 1000 mg/l
RCRA Code:	F002
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.06
Waste Quantity:	120
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20011016
Creation Date:	1/16/2002 0:00:00
Receipt Date:	20011019
Manifest ID:	21395345
Trans EPA ID:	SCR000075150
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CA0000084517
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	741 - Liquids with halogenated organic compounds > 1000 mg/l
RCRA Code:	F002
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.0975
Waste Quantity:	195
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20010918
Creation Date:	12/17/2001 0:00:00
Receipt Date:	20010921
Manifest ID:	21451412
Trans EPA ID:	SCR000075150
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CA0000084517
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	741 - Liquids with halogenated organic compounds > 1000 mg/l
RCRA Code:	F002

SOUTHGATE CLEANERS (Continued) **1000409457**

Meth Code:	H01 - Transfer Station
Quantity Tons:	0.03
Waste Quantity:	60
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20010726
Creation Date:	10/1/2001 0:00:00
Receipt Date:	20010731
Manifest ID:	21099843
Trans EPA ID:	SCR000075150
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CA0000084517
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	741 - Liquids with halogenated organic compounds > 1000 mg/l
RCRA Code:	F002
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.0975
Waste Quantity:	195
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20010625
Creation Date:	10/1/2001 0:00:00
Receipt Date:	20010629
Manifest ID:	21137740
Trans EPA ID:	SCR000075150
Trans Name:	Not reported
Trans 2 EPA ID:	SCR000074591
Trans 2 Name:	Not reported
TSDF EPA ID:	CA0000084517
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	741 - Liquids with halogenated organic compounds > 1000 mg/l
RCRA Code:	F002
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.03
Waste Quantity:	60
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

SOUTHGATE CLEANERS (Continued) **1000409457**

Shipment Date:	20010402
Creation Date:	6/20/2001 0:00:00
Receipt Date:	20010404
Manifest ID:	20624664
Trans EPA ID:	SCR000075150
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CA0000084517
Trans Name:	Not reported
TSDF Alt EPA ID:	CA0000084517
TSDF Alt Name:	Not reported
Waste Code Description:	741 - Liquids with halogenated organic compounds > 1000 mg/l
RCRA Code:	F002
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.0975
Waste Quantity:	195
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20010312
Creation Date:	5/31/2001 0:00:00
Receipt Date:	20010316
Manifest ID:	20373148
Trans EPA ID:	SCR000075150
Trans Name:	Not reported
Trans 2 EPA ID:	SCR000074591
Trans 2 Name:	Not reported
TSDF EPA ID:	CA0000084517
Trans Name:	Not reported
TSDF Alt EPA ID:	CA0000084517
TSDF Alt Name:	Not reported
Waste Code Description:	741 - Liquids with halogenated organic compounds > 1000 mg/l
RCRA Code:	F002
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.06
Waste Quantity:	120
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20010108
Creation Date:	3/22/2001 0:00:00
Receipt Date:	20010116
Manifest ID:	20381765
Trans EPA ID:	SCR000075150
Trans Name:	Not reported
Trans 2 EPA ID:	SCR000074591
Trans 2 Name:	Not reported
TSDF EPA ID:	CA0000084517

SOUTHGATE CLEANERS (Continued) **1000409457**

Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	741 - Liquids with halogenated organic compounds > 1000 mg/l
RCRA Code:	F002
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.0975
Waste Quantity:	195
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	1997
Gen EPA ID:	CAD981635766
Shipment Date:	19971119
Creation Date:	7/23/1998 0:00:00
Receipt Date:	19971121
Manifest ID:	97345177
Trans EPA ID:	ILD984908202
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CA0000084517
Trans Name:	Not reported
TSDF Alt EPA ID:	CA0000084517
TSDF Alt Name:	Not reported
Waste Code Description:	741 - Liquids with halogenated organic compounds > 1000 mg/l
RCRA Code:	F002
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.03
Waste Quantity:	60
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19971022
Creation Date:	7/23/1998 0:00:00
Receipt Date:	19971028
Manifest ID:	96844086
Trans EPA ID:	ILD984908202
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CA0000084517
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	741 - Liquids with halogenated organic compounds > 1000 mg/l
RCRA Code:	F002

SOUTHGATE CLEANERS (Continued) **1000409457**

Meth Code:	H01 - Transfer Station
Quantity Tons:	0.0975
Waste Quantity:	195
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19970827
Creation Date:	7/23/1998 0:00:00
Receipt Date:	19970903
Manifest ID:	96857773
Trans EPA ID:	ILD984908202
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CA0000084517
Trans Name:	Not reported
TSDF Alt EPA ID:	CA0000084517
TSDF Alt Name:	Not reported
Waste Code Description:	741 - Liquids with halogenated organic compounds > 1000 mg/l
RCRA Code:	F002
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.03
Waste Quantity:	60
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19970731
Creation Date:	12/4/1997 0:00:00
Receipt Date:	19970805
Manifest ID:	96853304
Trans EPA ID:	ILD984908202
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CA0000084517
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	741 - Liquids with halogenated organic compounds > 1000 mg/l
RCRA Code:	F002
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.0975
Waste Quantity:	195
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

SOUTHGATE CLEANERS (Continued) **1000409457**

Shipment Date:	19970630
Creation Date:	12/4/1997 0:00:00
Receipt Date:	19970703
Manifest ID:	96761521
Trans EPA ID:	ILD984908202
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CA0000084517
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	741 - Liquids with halogenated organic compounds > 1000 mg/l
RCRA Code:	F002
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.06
Waste Quantity:	120
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	19970414
Creation Date:	6/26/1997 0:00:00
Receipt Date:	19970417
Manifest ID:	96625377
Trans EPA ID:	ILD984908202
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CA0000084517
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	741 - Liquids with halogenated organic compounds > 1000 mg/l
RCRA Code:	F002
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.0975
Waste Quantity:	195
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	19970414
Creation Date:	6/26/1997 0:00:00
Receipt Date:	19970417
Manifest ID:	96625377
Trans EPA ID:	ILD984908202
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CA0000084517

SOUTHGATE CLEANERS (Continued) **1000409457**

Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	741 - Liquids with halogenated organic compounds > 1000 mg/l
RCRA Code:	F002
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.03
Waste Quantity:	60
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19970212
Creation Date:	5/30/1997 0:00:00
Receipt Date:	19970218
Manifest ID:	96364424
Trans EPA ID:	ILD984908202
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CA0000084517
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	741 - Liquids with halogenated organic compounds > 1000 mg/l
RCRA Code:	F002
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.03
Waste Quantity:	60
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19970114
Creation Date:	5/30/1997 0:00:00
Receipt Date:	19970115
Manifest ID:	96376717
Trans EPA ID:	ILD984908202
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CA0000084517
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	741 - Liquids with halogenated organic compounds > 1000 mg/l
RCRA Code:	F002
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.0975
Waste Quantity:	195
Quantity Unit:	P

SOUTHGATE CLEANERS (Continued) **1000409457**

Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	2005
Gen EPA ID:	CAD981635766
Shipment Date:	20051102
Creation Date:	5/24/2006 18:32:16
Receipt Date:	20051109
Manifest ID:	23731092
Trans EPA ID:	TXR000050930
Trans Name:	SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CA0000084517
Trans Name:	SAFETY-KLEEN SYSTEMS INC
TSDF Alt EPA ID:	CA0000084517
TSDF Alt Name:	Not reported
Waste Code Description:	741 - Liquids with halogenated organic compounds > 1000 mg/l
RCRA Code:	F002
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.0975
Waste Quantity:	195
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20051102
Creation Date:	5/24/2006 18:32:16
Receipt Date:	20051109
Manifest ID:	23731092
Trans EPA ID:	TXR000050930
Trans Name:	SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CA0000084517
Trans Name:	SAFETY-KLEEN SYSTEMS INC
TSDF Alt EPA ID:	CA0000084517
TSDF Alt Name:	Not reported
Waste Code Description:	741 - Liquids with halogenated organic compounds > 1000 mg/l
RCRA Code:	F002
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.03
Waste Quantity:	60
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

SOUTHGATE CLEANERS (Continued) **1000409457**

Shipment Date:	20050623
Creation Date:	9/16/2005 18:31:41
Receipt Date:	20050629
Manifest ID:	24501480
Trans EPA ID:	TXR000050930
Trans Name:	SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CA0000084517
Trans Name:	SAFETY-KLEEN SYSTEMS INC
TSDF Alt EPA ID:	CA0000084517
TSDF Alt Name:	Not reported
Waste Code Description:	741 - Liquids with halogenated organic compounds > 1000 mg/l
RCRA Code:	F002
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.0975
Waste Quantity:	195
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20050623
Creation Date:	9/16/2005 18:31:41
Receipt Date:	20050629
Manifest ID:	24501480
Trans EPA ID:	TXR000050930
Trans Name:	SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CA0000084517
Trans Name:	SAFETY-KLEEN SYSTEMS INC
TSDF Alt EPA ID:	CA0000084517
TSDF Alt Name:	Not reported
Waste Code Description:	741 - Liquids with halogenated organic compounds > 1000 mg/l
RCRA Code:	F002
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.06
Waste Quantity:	120
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20050405
Creation Date:	7/21/2005 18:31:13
Receipt Date:	20050411
Manifest ID:	23730259
Trans EPA ID:	TXR000050930
Trans Name:	SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CA0000084517

SOUTHGATE CLEANERS (Continued) **1000409457**

Trans Name:	SAFETY-KLEEN SYSTEMS INC
TSDF Alt EPA ID:	CA0000084517
TSDF Alt Name:	Not reported
Waste Code Description:	741 - Liquids with halogenated organic compounds > 1000 mg/l
RCRA Code:	F002
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.81315
Waste Quantity:	195
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	1994
Gen EPA ID:	CAD981635766
Shipment Date:	19941220
Creation Date:	3/28/1996 0:00:00
Receipt Date:	19941222
Manifest ID:	95037582
Trans EPA ID:	ILD984908202
Trans Name:	Not reported
Trans 2 EPA ID:	ILD984908202
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT000613950
Trans Name:	Not reported
TSDF Alt EPA ID:	CAT000613950
TSDF Alt Name:	Not reported
Waste Code Description:	741 - Liquids with halogenated organic compounds > 1000 mg/l
RCRA Code:	F002
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.06
Waste Quantity:	120
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19941025
Creation Date:	3/28/1996 0:00:00
Receipt Date:	19941027
Manifest ID:	93798702
Trans EPA ID:	ILD984908202
Trans Name:	Not reported
Trans 2 EPA ID:	ILD984908202
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT000613950
Trans Name:	Not reported
TSDF Alt EPA ID:	CAT000613950
TSDF Alt Name:	Not reported
Waste Code Description:	741 - Liquids with halogenated organic compounds > 1000 mg/l
RCRA Code:	F002

SOUTHGATE CLEANERS (Continued) **1000409457**

Meth Code:	H01 - Transfer Station
Quantity Tons:	0.0975
Waste Quantity:	195
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19940926
Creation Date:	3/26/1996 0:00:00
Receipt Date:	19940930
Manifest ID:	95058601
Trans EPA ID:	ILD984908202
Trans Name:	Not reported
Trans 2 EPA ID:	ILD984908202
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT000613893
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	741 - Liquids with halogenated organic compounds > 1000 mg/l
RCRA Code:	F002
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.03
Waste Quantity:	60
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19940926
Creation Date:	3/26/1996 0:00:00
Receipt Date:	19940930
Manifest ID:	95058601
Trans EPA ID:	ILD984908202
Trans Name:	Not reported
Trans 2 EPA ID:	ILD984908202
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT000613893
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	741 - Liquids with halogenated organic compounds > 1000 mg/l
RCRA Code:	F002
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.0975
Waste Quantity:	195
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

SOUTHGATE CLEANERS (Continued) **1000409457**

Shipment Date:	19940801
Creation Date:	3/26/1996 0:00:00
Receipt Date:	19940805
Manifest ID:	93678877
Trans EPA ID:	ILD984908202
Trans Name:	Not reported
Trans 2 EPA ID:	ILD984908202
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT000613893
Trans Name:	Not reported
TSDF Alt EPA ID:	CAT000613893
TSDF Alt Name:	Not reported
Waste Code Description:	741 - Liquids with halogenated organic compounds > 1000 mg/l
RCRA Code:	F002
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.03
Waste Quantity:	60
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	19940705
Creation Date:	3/26/1996 0:00:00
Receipt Date:	19940708
Manifest ID:	93658359
Trans EPA ID:	ILD984908202
Trans Name:	Not reported
Trans 2 EPA ID:	ILD984908202
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT000613893
Trans Name:	Not reported
TSDF Alt EPA ID:	CAT000613893
TSDF Alt Name:	Not reported
Waste Code Description:	741 - Liquids with halogenated organic compounds > 1000 mg/l
RCRA Code:	F002
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.0975
Waste Quantity:	195
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	19940606
Creation Date:	10/10/1995 0:00:00
Receipt Date:	Not reported
Manifest ID:	93550185
Trans EPA ID:	ILD984908202
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT000613893

SOUTHGATE CLEANERS (Continued) **1000409457**

Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	741 - Liquids with halogenated organic compounds > 1000 mg/l
RCRA Code:	F002
Meth Code:	- Not reported
Quantity Tons:	0.06
Waste Quantity:	120
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19940411
Creation Date:	3/25/1996 0:00:00
Receipt Date:	19940414
Manifest ID:	93426608
Trans EPA ID:	ILD984908202
Trans Name:	Not reported
Trans 2 EPA ID:	ILD984908202
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT000613893
Trans Name:	Not reported
TSDF Alt EPA ID:	CAT000613893
TSDF Alt Name:	Not reported
Waste Code Description:	741 - Liquids with halogenated organic compounds > 1000 mg/l
RCRA Code:	F002
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.1275
Waste Quantity:	255
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19940215
Creation Date:	9/15/1995 0:00:00
Receipt Date:	19940217
Manifest ID:	93198789
Trans EPA ID:	ILD984908202
Trans Name:	Not reported
Trans 2 EPA ID:	ILD984908202
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT000613893
Trans Name:	Not reported
TSDF Alt EPA ID:	CAT000613893
TSDF Alt Name:	Not reported
Waste Code Description:	741 - Liquids with halogenated organic compounds > 1000 mg/l
RCRA Code:	F002
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.1275
Waste Quantity:	255
Quantity Unit:	P

SOUTHGATE CLEANERS (Continued) **1000409457**

Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	1999
Gen EPA ID:	CAD981635766
Shipment Date:	19991216
Creation Date:	2/28/2000 0:00:00
Receipt Date:	19991222
Manifest ID:	99530121
Trans EPA ID:	ILD984908202
Trans Name:	Not reported
Trans 2 EPA ID:	SCD987574647
Trans 2 Name:	Not reported
TSDF EPA ID:	CA0000084517
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	741 - Liquids with halogenated organic compounds > 1000 mg/l
RCRA Code:	F002
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.06
Waste Quantity:	120
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19990920
Creation Date:	11/22/1999 0:00:00
Receipt Date:	19990922
Manifest ID:	99501890
Trans EPA ID:	ILD984908202
Trans Name:	Not reported
Trans 2 EPA ID:	SCD987574647
Trans 2 Name:	Not reported
TSDF EPA ID:	CA0000084517
Trans Name:	Not reported
TSDF Alt EPA ID:	CA0000084517
TSDF Alt Name:	Not reported
Waste Code Description:	741 - Liquids with halogenated organic compounds > 1000 mg/l
RCRA Code:	F002
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.03
Waste Quantity:	60
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

SOUTHGATE CLEANERS (Continued) **1000409457**

Shipment Date:	19990920
Creation Date:	11/22/1999 0:00:00
Receipt Date:	19990922
Manifest ID:	99501890
Trans EPA ID:	ILD984908202
Trans Name:	Not reported
Trans 2 EPA ID:	SCD987574647
Trans 2 Name:	Not reported
TSDF EPA ID:	CA0000084517
Trans Name:	Not reported
TSDF Alt EPA ID:	CA0000084517
TSDF Alt Name:	Not reported
Waste Code Description:	741 - Liquids with halogenated organic compounds > 1000 mg/l
RCRA Code:	F002
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.0975
Waste Quantity:	195
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	19990604
Creation Date:	8/16/1999 0:00:00
Receipt Date:	19990608
Manifest ID:	99226975
Trans EPA ID:	ILD984908202
Trans Name:	Not reported
Trans 2 EPA ID:	SCD987574647
Trans 2 Name:	Not reported
TSDF EPA ID:	CA0000084517
Trans Name:	Not reported
TSDF Alt EPA ID:	CA0000084517
TSDF Alt Name:	Not reported
Waste Code Description:	741 - Liquids with halogenated organic compounds > 1000 mg/l
RCRA Code:	F002
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.03
Waste Quantity:	60
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	19990604
Creation Date:	8/16/1999 0:00:00
Receipt Date:	19990608
Manifest ID:	99226975
Trans EPA ID:	ILD984908202
Trans Name:	Not reported
Trans 2 EPA ID:	SCD987574647
Trans 2 Name:	Not reported
TSDF EPA ID:	CA0000084517

SOUTHGATE CLEANERS (Continued) **1000409457**

Trans Name:	Not reported
TSDF Alt EPA ID:	CA0000084517
TSDF Alt Name:	Not reported
Waste Code Description:	741 - Liquids with halogenated organic compounds > 1000 mg/l
RCRA Code:	F002
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.195
Waste Quantity:	390
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19990408
Creation Date:	5/20/1999 0:00:00
Receipt Date:	19990413
Manifest ID:	98795436
Trans EPA ID:	ILD984908202
Trans Name:	Not reported
Trans 2 EPA ID:	SCD987574647
Trans 2 Name:	Not reported
TSDF EPA ID:	CA0000084517
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	741 - Liquids with halogenated organic compounds > 1000 mg/l
RCRA Code:	F002
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.06
Waste Quantity:	120
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19990212
Creation Date:	4/20/1999 0:00:00
Receipt Date:	19990217
Manifest ID:	98634734
Trans EPA ID:	ILD984908202
Trans Name:	Not reported
Trans 2 EPA ID:	SCD987574647
Trans 2 Name:	Not reported
TSDF EPA ID:	CA0000084517
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	741 - Liquids with halogenated organic compounds > 1000 mg/l
RCRA Code:	F002
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.0975
Waste Quantity:	195
Quantity Unit:	P

SOUTHGATE CLEANERS (Continued) **1000409457**

Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19990114
Creation Date:	3/17/1999 0:00:00
Receipt Date:	19990119
Manifest ID:	98665107
Trans EPA ID:	ILD984908202
Trans Name:	Not reported
Trans 2 EPA ID:	SCD987574647
Trans 2 Name:	Not reported
TSDF EPA ID:	CA0000084517
Trans Name:	Not reported
TSDF Alt EPA ID:	CA0000084517
TSDF Alt Name:	Not reported
Waste Code Description:	741 - Liquids with halogenated organic compounds > 1000 mg/l
RCRA Code:	F002
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.03
Waste Quantity:	60
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	2002
Gen EPA ID:	CAD981635766
Shipment Date:	20021212
Creation Date:	3/31/2003 18:31:15
Receipt Date:	20021217
Manifest ID:	22193504
Trans EPA ID:	SCR000075150
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CA0000084517
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	741 - Liquids with halogenated organic compounds > 1000 mg/l
RCRA Code:	F002
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.0975
Waste Quantity:	195
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

SOUTHGATE CLEANERS (Continued) **1000409457**

Shipment Date:	20021028
Creation Date:	2/21/2003 10:41:38
Receipt Date:	20021101
Manifest ID:	21911358
Trans EPA ID:	SCR000075150
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CA0000084517
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	741 - Liquids with halogenated organic compounds > 1000 mg/l
RCRA Code:	F002
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.06
Waste Quantity:	120
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20020624
Creation Date:	2/7/2003 18:31:14
Receipt Date:	20020628
Manifest ID:	21735550
Trans EPA ID:	SCR000075150
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CA0000084517
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	741 - Liquids with halogenated organic compounds > 1000 mg/l
RCRA Code:	F002
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.0975
Waste Quantity:	195
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20020528
Creation Date:	7/19/2002 15:57:28
Receipt Date:	20020531
Manifest ID:	21595604
Trans EPA ID:	SCR000075150
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CA0000084517

SOUTHGATE CLEANERS (Continued) **1000409457**

Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	741 - Liquids with halogenated organic compounds > 1000 mg/l
RCRA Code:	F002
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.03
Waste Quantity:	60
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20020528
Creation Date:	7/19/2002 15:57:28
Receipt Date:	20020531
Manifest ID:	21595604
Trans EPA ID:	SCR000075150
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CA0000084517
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	741 - Liquids with halogenated organic compounds > 1000 mg/l
RCRA Code:	F002
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.0975
Waste Quantity:	195
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20020402
Creation Date:	7/9/2002 18:31:13
Receipt Date:	20020405
Manifest ID:	21586435
Trans EPA ID:	SCR000075150
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CA0000084517
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	741 - Liquids with halogenated organic compounds > 1000 mg/l
RCRA Code:	F002
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.03
Waste Quantity:	60
Quantity Unit:	P

SOUTHGATE CLEANERS (Continued) **1000409457**

Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20020402
Creation Date:	7/9/2002 18:31:13
Receipt Date:	20020405
Manifest ID:	21586435
Trans EPA ID:	SCR000075150
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CA0000084517
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	741 - Liquids with halogenated organic compounds > 1000 mg/l
RCRA Code:	F002
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.0975
Waste Quantity:	195
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20020107
Creation Date:	2/26/2002 0:00:00
Receipt Date:	20020110
Manifest ID:	21481419
Trans EPA ID:	SCR000075150
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CA0000084517
Trans Name:	Not reported
TSDF Alt EPA ID:	CA0000084517
TSDF Alt Name:	Not reported
Waste Code Description:	741 - Liquids with halogenated organic compounds > 1000 mg/l
RCRA Code:	F002
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.0975
Waste Quantity:	195
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	1995
Gen EPA ID:	CAD981635766

SOUTHGATE CLEANERS (Continued) **1000409457**

Shipment Date:	19951219
Creation Date:	7/26/1996 0:00:00
Receipt Date:	19951221
Manifest ID:	95819694
Trans EPA ID:	ILD984908202
Trans Name:	Not reported
Trans 2 EPA ID:	ILD984908202
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT000613950
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	741 - Liquids with halogenated organic compounds > 1000 mg/l
RCRA Code:	F002
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.06
Waste Quantity:	120
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	19951024
Creation Date:	7/26/1996 0:00:00
Receipt Date:	19951026
Manifest ID:	95759455
Trans EPA ID:	ILD984908202
Trans Name:	Not reported
Trans 2 EPA ID:	ILD984908202
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT000613950
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	741 - Liquids with halogenated organic compounds > 1000 mg/l
RCRA Code:	F002
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.0975
Waste Quantity:	195
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	19950706
Creation Date:	4/2/1996 0:00:00
Receipt Date:	19950707
Manifest ID:	95624114
Trans EPA ID:	ILD984908202
Trans Name:	Not reported
Trans 2 EPA ID:	ILD984908202
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT000613950

SOUTHGATE CLEANERS (Continued) **1000409457**

Trans Name:	Not reported
TSDF Alt EPA ID:	CAT000613950
TSDF Alt Name:	Not reported
Waste Code Description:	741 - Liquids with halogenated organic compounds > 1000 mg/l
RCRA Code:	F002
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.0975
Waste Quantity:	195
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19950706
Creation Date:	4/2/1996 0:00:00
Receipt Date:	19950707
Manifest ID:	95624114
Trans EPA ID:	ILD984908202
Trans Name:	Not reported
Trans 2 EPA ID:	ILD984908202
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT000613950
Trans Name:	Not reported
TSDF Alt EPA ID:	CAT000613950
TSDF Alt Name:	Not reported
Waste Code Description:	741 - Liquids with halogenated organic compounds > 1000 mg/l
RCRA Code:	F002
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.03
Waste Quantity:	60
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19950510
Creation Date:	4/2/1996 0:00:00
Receipt Date:	19950512
Manifest ID:	95512264
Trans EPA ID:	ILD984908202
Trans Name:	Not reported
Trans 2 EPA ID:	ILD984908202
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT000613950
Trans Name:	Not reported
TSDF Alt EPA ID:	CAT000613950
TSDF Alt Name:	Not reported
Waste Code Description:	741 - Liquids with halogenated organic compounds > 1000 mg/l
RCRA Code:	F002
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.06
Waste Quantity:	120
Quantity Unit:	P

SOUTHGATE CLEANERS (Continued) **1000409457**

Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19950410
Creation Date:	3/29/1996 0:00:00
Receipt Date:	19950413
Manifest ID:	93773040
Trans EPA ID:	ILD984908202
Trans Name:	Not reported
Trans 2 EPA ID:	ILD984908202
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT000613950
Trans Name:	Not reported
TSDF Alt EPA ID:	CAT000613950
TSDF Alt Name:	Not reported
Waste Code Description:	741 - Liquids with halogenated organic compounds > 1000 mg/l
RCRA Code:	F002
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.0975
Waste Quantity:	195
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19950315
Creation Date:	10/23/1995 0:00:00
Receipt Date:	19950317
Manifest ID:	93766778
Trans EPA ID:	ILD984908202
Trans Name:	Not reported
Trans 2 EPA ID:	ILD984908202
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT000613950
Trans Name:	Not reported
TSDF Alt EPA ID:	CAT000613950
TSDF Alt Name:	Not reported
Waste Code Description:	741 - Liquids with halogenated organic compounds > 1000 mg/l
RCRA Code:	F002
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.03
Waste Quantity:	60
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19950215
Creation Date:	3/29/1996 0:00:00
Receipt Date:	19950216

SOUTHGATE CLEANERS (Continued) **1000409457**

Manifest ID:	95092466
Trans EPA ID:	ILD984908202
Trans Name:	Not reported
Trans 2 EPA ID:	ILD984908202
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT000613950
Trans Name:	Not reported
TSDF Alt EPA ID:	CAT000613950
TSDF Alt Name:	Not reported
Waste Code Description:	741 - Liquids with halogenated organic compounds > 1000 mg/l
RCRA Code:	F002
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.0975
Waste Quantity:	195
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	19950118
Creation Date:	3/28/1996 0:00:00
Receipt Date:	19950120
Manifest ID:	95049642
Trans EPA ID:	ILD984908202
Trans Name:	Not reported
Trans 2 EPA ID:	ILD984908202
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT000613950
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	741 - Liquids with halogenated organic compounds > 1000 mg/l
RCRA Code:	F002
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.03
Waste Quantity:	60
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

CERS:

Name:	SOUTHGATE CLEANERS
Address:	183 SOUTHGATE AVENUE
City,State,Zip:	DALY CITY, CA 94015-3160
Site ID:	495388
CERS ID:	110001156481
CERS Description:	US EPA Air Emission Inventory System (EIS)

Affiliation:

Affiliation Type Desc:	Regional Board Caseworker
Entity Name:	JOLANTA UCHMAN SAN FRANCISCO BAY RWQCB REGN 2ND
Entity Title:	Not reported

SOUTHGATE CLEANERS (Continued) **1000409457**

Affiliation Address: 1515 CLAY ST SUITE 1400
Affiliation City: OAKLAND
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: Not reported

Affiliation Type Desc: Local Agency Caseworker
Entity Name: JACOB MADDEN SAN MATEO CNTY LOP
Entity Title: Not reported
Affiliation Address: 2000 ALAMEDA DE LAS PULGAS
Affiliation City: SANMATEO
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: Not reported

Name: SOUTHGATE CLEANERS
Address: 183 SOUTHGATE
City,State,Zip: DALY CITY, CA 94015
Site ID: 190957
CERS ID: SL0608188850
CERS Description: Cleanup Program Site

Affiliation:
Affiliation Type Desc: Local Agency Caseworker
Entity Name: JACOB MADDEN - SAN MATEO COUNTY LOP
Entity Title: Not reported
Affiliation Address: 2000 ALAMEDA DE LAS PULGAS, Suite 100
Affiliation City: SAN MATEO
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: 6503995959

Affiliation Type Desc: Regional Board Caseworker
Entity Name: Regional Water Board - SAN FRANCISCO BAY RWQCB (REGION 2)
Entity Title: Not reported
Affiliation Address: 1515 CLAY ST SUITE 1400
Affiliation City: OAKLAND
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: Not reported

HWTS:
Name: SOUTHGATE CLEANERS
Address: 183 SOUTHGATE AVE
Address 2: Not reported
City,State,Zip: DALY CITY, CA 940150000
EPA ID: CAD981635766
Inactive Date: 06/30/2007
Create Date: 07/03/1987
Last Act Date: 03/17/2008
Mailing Name: Not reported

SOUTHGATE CLEANERS (Continued) **1000409457**

Mailing Address:	735 HICKEY BLVD STE 139
Mailing Address 2:	Not reported
Mailing City,State,Zip:	PACIFICA, CA 940440000
Owner Name:	TOY MELTON
Owner Address:	183 SOUTHGATE AVE
Owner Address 2:	Not reported
Owner City,State,Zip:	DALY CITY, CA 940153160
Contact Name:	TOY MILTON
Contact Address:	183 SOUTHGATE AVE
Contact Address 2:	Not reported
City,State,Zip:	DALY CITY, CA 940153160

NAICS:

EPA ID:	CAD981635766
Create Date:	2002-03-14 16:36:26.000
NAICS Code:	81232
NAICS Description:	Drycleaning and Laundry Services (except Coin-Operated)
Issued EPA ID Date:	1987-07-03 00:00:00
Inactive Date:	2007-06-30 00:00:00
Facility Name:	SOUTHGATE CLEANERS
Facility Address:	183 SOUTHGATE AVE
Facility Address 2:	Not reported
Facility City:	DALY CITY
Facility County:	Not reported
Facility State:	CA
Facility Zip:	940150000

F33 **SOUTHGATE CLEANERS** **EDR Hist Cleaner** **1018665204**
West **183 SOUTHGATE AVE** **N/A**
< 1/8 **DALY CITY, CA 94015**
0.093 mi.
491 ft. **Site 2 of 6 in cluster F**

Relative: EDR Hist Cleaner
Higher

Actual:
121 ft.

Year:	Name:	Type:
1974	SANFORD CLEANERS & DYERS	Drycleaning Plants, Except Rugs
1975	SANFORD CLEANERS & DYERS	Drycleaning Plants, Except Rugs
1976	SANFORD CLEANERS & DYERS	Drycleaning Plants, Except Rugs
1977	SANFORD CLEANERS & DYERS	Drycleaning Plants, Except Rugs
1978	SANFORD CLEANERS & DYERS	Drycleaning Plants, Except Rugs
1979	SANFORD CLEANERS & DYERS	Drycleaning Plants, Except Rugs
1985	SOUTHGATE CLEANERS	Drycleaning Plants, Except Rugs
1986	SOUTHGATE CLEANERS	Drycleaning Plants, Except Rugs
1987	SOUTHGATE CLEANERS	Drycleaning Plants, Except Rugs
1988	SOUTHGATE CLEANERS	Drycleaning Plants, Except Rugs
1989	SOUTHGATE CLEANERS	Drycleaning Plants, Except Rugs
1990	SOUTHGATE CLEANERS	Drycleaning Plants, Except Rugs
1991	SOUTHGATE CLEANERS	Drycleaning Plants, Except Rugs
1992	SOUTHGATE CLEANERS	Drycleaning Plants, Except Rugs
1993	SOUTHGATE CLEANERS	Drycleaning Plants, Except Rugs
1994	SOUTHGATE CLEANERS	Drycleaning Plants, Except Rugs
1995	SOUTHGATE CLEANERS	Drycleaning Plants, Except Rugs
1996	SOUTHGATE CLEANERS	Drycleaning Plants, Except Rugs
1997	SOUTHGATE CLEANERS	Drycleaning Plants, Except Rugs
1998	SOUTHGATE CLEANERS	Drycleaning Plants, Except Rugs
1999	SOUTHGATE CLEANERS	Drycleaning Plants, Except Rugs

SOUTHGATE CLEANERS (Continued) **1018665204**

2000	SOUTHGATE CLEANERS	Drycleaning Plants, Except Rugs
2001	SOUTHGATE CLEANERS	Drycleaning Plants, Except Rugs
2002	SOUTHGATE CLEANERS	Drycleaning Plants, Except Rugs
2003	SOUTHGATE CLEANERS	Drycleaning Plants, Except Rugs
2004	SOUTHGATE CLEANERS	Drycleaning Plants, Except Rugs
2005	SOUTHGATE CLEANERS	Drycleaning Plants, Except Rugs
2006	SOUTHGATE CLEANERS	Drycleaning Plants, Except Rugs
2007	SOUTHGATE CLEANERS	Drycleaning Plants, Except Rugs
2008	SOUTHGATE CLEANERS	Drycleaning Plants, Except Rugs

F34
West
< 1/8
0.094 mi.
497 ft.

YAMAT, LIBRADA DDS **San Mateo Co. BI** **S108054792**
187 SOUTHGATE **N/A**
DALY CITY, CA 94015

Site 3 of 6 in cluster F

Relative: Higher
Actual: 122 ft.

San Mateo Co. BI:

Name:	YAMAT, LIBRADA DDS
Address:	187 SOUTHGATE
City,State,Zip:	DALY CITY, CA 94015
Region:	SAN MATEO
Facility ID:	FA0026288
Prog Element Code:	4516
Record Id:	PR0037953
Description:	TIER 1 SQG REGISTRATION
Facility Status:	Temporarily inactive, non-billable
Program Category:	MEDICAL WASTE

Name:	YAMAT, LIBRADA DDS
Address:	187 SOUTHGATE
City,State,Zip:	DALY CITY, CA 94015
Region:	SAN MATEO
Facility ID:	FA0026288
Prog Element Code:	GENERATES <27 GAL/YEAR
Record Id:	PR0051004
Description:	GENERATES <27 GAL/YEAR
Facility Status:	Inactive, non-billable
Program Category:	HAZARDOUS WASTE PROGRAM

35
SE
< 1/8
0.100 mi.
528 ft.

WESTLAKE VILLAGE APT **RCRA NonGen / NLR** **1024821015**
405 PALMCREST DR **CAL000335643**
DALY CITY, CA 94015

Relative: Higher
Actual: 126 ft.

RCRA NonGen / NLR:

Date Form Received by Agency:		2008-08-21 00:00:00.0
Handler Name:	WESTLAKE VILLAGE APT	
Handler Address:		405 PALMCREST DR
Handler City,State,Zip:		DALY CITY, CA 94015-1556
EPA ID:		CAL000335643
Contact Name:		PATSY ELBUHEL/ASST MAINT MGR
Contact Address:		333 PARK PLAZA DRIVE
Contact City,State,Zip:		DALY CITY, CA 94015
Contact Telephone:		650-756-0959
Contact Fax:		650-755-1081

WESTLAKE VILLAGE APT (Continued) **1024821015**

Contact Email:	PELBUHEL@GB-A.COM
Contact Title:	Not reported
EPA Region:	09
Land Type:	Not reported
Federal Waste Generator Description:	Not a generator, verified
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Handler Activities
State District Owner:	Not reported
State District:	Not reported
Mailing Address:	333 PARK PLAZA DR
Mailing City,State,Zip:	DALY CITY, CA 94015-0000
Owner Name:	JALSON COMPANY INC
Owner Type:	Other
Operator Name:	PATSY ELBUHEL/ASST MAINT MGR
Operator Type:	Other
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	Yes
Universal Waste Destination Facility:	Yes
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A

WESTLAKE VILLAGE APT (Continued) **1024821015**

Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2018-09-05 20:30:36.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name:	JALSON COMPANY INC
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	201 FILBERT ST
Owner/Operator City,State,Zip:	SAN FRANCISCO, CA 94133-0000
Owner/Operator Telephone:	415-659-1600
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	PATSY ELBUHEL/ASST MAINT MGR
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	333 PARK PLAZA DRIVE
Owner/Operator City,State,Zip:	DALY CITY, CA 94015
Owner/Operator Telephone:	650-756-0959
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	2008-08-21 00:00:00.0
Handler Name: WESTLAKE VILLAGE APT	
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

WESTLAKE VILLAGE APT (Continued) **1024821015**

List of NAICS Codes and Descriptions:
NAICS Code: 53111
NAICS Description: LESSORS OF RESIDENTIAL BUILDINGS AND DWELLINGS

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

F36 **DALY CITY CLINIC** **San Mateo Co. BI** **S123181079**
West **219 SOUTHGATE** **N/A**
< 1/8 **DALY CITY, CA 94015**
0.105 mi.
552 ft. **Site 4 of 6 in cluster F**

Relative:
Higher

Actual:
124 ft.

San Mateo Co. BI:
Name: DALY CITY CLINIC
Address: 219 SOUTHGATE
City,State,Zip: DALY CITY, CA 94015
Region: SAN MATEO
Facility ID: FA0025910
Prog Element Code: SML QUANTITY GENERATOR(1-199lbs/Mo) OFF-SITE
Record Id: PR0036399
Description: SQG OFF-SITE TREATMENT (1-199 LB/MO)
Facility Status: Inactive, non-billable
Program Category: MEDICAL WASTE

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37 **CITY OF DALY CITY** **San Mateo Co. BI** **S105937192**
SW **295 CORONADO AVENUE** **EMI** **N/A**
< 1/8 **DALY CITY, CA 94015** **CERS**
0.120 mi.
632 ft.

Relative:
Higher

Actual:
128 ft.

San Mateo Co. BI:
Name: WESTLAKE PUMP STATION
Address: 295 CORONADO
City,State,Zip: DALY CITY, CA 94015
Region: SAN MATEO
Facility ID: FA0028620
Prog Element Code: STORES HAZ MAT <1,199GAL,9,999LB,4,799FT3
Record Id: PR0047844
Description: STORES HAZ MAT <1,199GAL,9,999LB,4,799CF
Facility Status: Active, billable
Program Category: BUSINESS PLAN PROGRAM

EMI:
Name: CITY OF DALY CITY
Address: 295 CORONADO AVENUE
City,State,Zip: DALY CITY, CA 94015
Year: 2001
County Code: 41
Air Basin: SF

CITY OF DALY CITY (Continued) **S105937192**

Facility ID:	12876
Air District Name:	BA
SIC Code:	4941
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0
Reactive Organic Gases Tons/Yr:	0
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

Name:	CITY OF DALY CITY
Address:	295 CORONADO AVENUE
City,State,Zip:	DALY CITY, CA 94015
Year:	2002
County Code:	41
Air Basin:	SF
Facility ID:	12876
Air District Name:	BA
SIC Code:	4941
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0
Reactive Organic Gases Tons/Yr:	0
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

Name:	CITY OF DALY CITY
Address:	295 CORONADO AVENUE
City,State,Zip:	DALY CITY, CA 94015
Year:	2003
County Code:	41
Air Basin:	SF
Facility ID:	12876
Air District Name:	BA
SIC Code:	4941
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0
Reactive Organic Gases Tons/Yr:	0
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

Name:	CITY OF DALY CITY
Address:	295 CORONADO AVENUE
City,State,Zip:	DALY CITY, CA 94015

CITY OF DALY CITY (Continued) **S105937192**

Year:	2004
County Code:	41
Air Basin:	SF
Facility ID:	12876
Air District Name:	BA
SIC Code:	4941
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0.002
Reactive Organic Gases Tons/Yr:	0.0016734
Carbon Monoxide Emissions Tons/Yr:	0.006
NOX - Oxides of Nitrogen Tons/Yr:	0.027
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0.002
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0.001952

Name:	CITY OF DALY CITY
Address:	295 CORONADO AVENUE
City,State,Zip:	DALY CITY, CA 94015
Year:	2005
County Code:	41
Air Basin:	SF
Facility ID:	12876
Air District Name:	BA
SIC Code:	4941
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	.001
Reactive Organic Gases Tons/Yr:	.0008367
Carbon Monoxide Emissions Tons/Yr:	.004
NOX - Oxides of Nitrogen Tons/Yr:	.017
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	.001
Part. Matter 10 Micrometers and Smllr Tons/Yr:	.000976

Name:	CITY OF DALY CITY
Address:	295 CORONADO AVENUE
City,State,Zip:	DALY CITY, CA 94015
Year:	2006
County Code:	41
Air Basin:	SF
Facility ID:	12876
Air District Name:	BA
SIC Code:	4941
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	.001
Reactive Organic Gases Tons/Yr:	.0008367
Carbon Monoxide Emissions Tons/Yr:	.004
NOX - Oxides of Nitrogen Tons/Yr:	.017
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	.001
Part. Matter 10 Micrometers and Smllr Tons/Yr:	.000976

CITY OF DALY CITY (Continued) **S105937192**

Name:	CITY OF DALY CITY
Address:	295 CORONADO AVENUE
City,State,Zip:	DALY CITY, CA 94015
Year:	2007
County Code:	41
Air Basin:	SF
Facility ID:	12876
Air District Name:	BA
SIC Code:	4941
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	.001
Reactive Organic Gases Tons/Yr:	.0008367
Carbon Monoxide Emissions Tons/Yr:	.003
NOX - Oxides of Nitrogen Tons/Yr:	.016
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	.001
Part. Matter 10 Micrometers and Smllr Tons/Yr:	.000976

Name:	CITY OF DALY CITY
Address:	295 CORONADO AVENUE
City,State,Zip:	DALY CITY, CA 94015
Year:	2008
County Code:	41
Air Basin:	SF
Facility ID:	12876
Air District Name:	BA
SIC Code:	4941
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	.001
Reactive Organic Gases Tons/Yr:	.0008367
Carbon Monoxide Emissions Tons/Yr:	.003
NOX - Oxides of Nitrogen Tons/Yr:	.016
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	.001
Part. Matter 10 Micrometers and Smllr Tons/Yr:	.000976

Name:	CITY OF DALY CITY
Address:	295 CORONADO AVENUE
City,State,Zip:	DALY CITY, CA 94015
Year:	2009
County Code:	41
Air Basin:	SF
Facility ID:	12876
Air District Name:	BA
SIC Code:	4941
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0.002
Reactive Organic Gases Tons/Yr:	0.0016734
Carbon Monoxide Emissions Tons/Yr:	5.0000000000000001E-3
NOX - Oxides of Nitrogen Tons/Yr:	2.1999999999999999E-2
SOX - Oxides of Sulphur Tons/Yr:	0

CITY OF DALY CITY (Continued) **S105937192**

Particulate Matter Tons/Yr: 0.002
Part. Matter 10 Micrometers and Smllr Tons/Yr: 0.001952

Name: CITY OF DALY CITY
Address: 295 CORONADO AVENUE
City,State,Zip: DALY CITY, CA 94015
Year: 2010
County Code: 41
Air Basin: SF
Facility ID: 12876
Air District Name: BA
SIC Code: 4941
Air District Name: BAY AREA AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 0.002
Reactive Organic Gases Tons/Yr: 0.0016734
Carbon Monoxide Emissions Tons/Yr: 5.0000000000000001E-3
NOX - Oxides of Nitrogen Tons/Yr: 2.1999999999999999E-2
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 0.00204918032786885
Part. Matter 10 Micrometers and Smllr Tons/Yr: 0.002

Name: CITY OF DALY CITY
Address: 295 CORONADO AVENUE
City,State,Zip: DALY CITY, CA 94015
Year: 2011
County Code: 41
Air Basin: SF
Facility ID: 12876
Air District Name: BA
SIC Code: 4941
Air District Name: BAY AREA AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 0
Reactive Organic Gases Tons/Yr: 0
Carbon Monoxide Emissions Tons/Yr: 0.001
NOX - Oxides of Nitrogen Tons/Yr: 0.004
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers and Smllr Tons/Yr: 0

Name: CITY OF DALY CITY
Address: 295 CORONADO AVENUE
City,State,Zip: DALY CITY, CA 94015
Year: 2012
County Code: 41
Air Basin: SF
Facility ID: 12876
Air District Name: BA
SIC Code: 4941
Air District Name: BAY AREA AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 0
Reactive Organic Gases Tons/Yr: 0

CITY OF DALY CITY (Continued) **S105937192**

Carbon Monoxide Emissions Tons/Yr:	0.001
NOX - Oxides of Nitrogen Tons/Yr:	0.004
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

Name:	CITY OF DALY CITY
Address:	295 CORONADO AVENUE
City,State,Zip:	DALY CITY, CA 94015
Year:	2013
County Code:	41
Air Basin:	SF
Facility ID:	12876
Air District Name:	BA
SIC Code:	4941
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0
Reactive Organic Gases Tons/Yr:	0
Carbon Monoxide Emissions Tons/Yr:	0.001
NOX - Oxides of Nitrogen Tons/Yr:	0.006
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

Name:	CITY OF DALY CITY
Address:	295 CORONADO AVENUE
City,State,Zip:	DALY CITY, CA 94015
Year:	2014
County Code:	41
Air Basin:	SF
Facility ID:	12876
Air District Name:	BA
SIC Code:	4941
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0.000457681
Reactive Organic Gases Tons/Yr:	0
Carbon Monoxide Emissions Tons/Yr:	0.0013821
NOX - Oxides of Nitrogen Tons/Yr:	0.006357366
SOX - Oxides of Sulphur Tons/Yr:	2.947e-006
Particulate Matter Tons/Yr:	0.000473253
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0.000454323

Name:	CITY OF DALY CITY
Address:	295 CORONADO AVENUE
City,State,Zip:	DALY CITY, CA 94015
Year:	2015
County Code:	41
Air Basin:	SF
Facility ID:	12876
Air District Name:	BA
SIC Code:	4941
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported

CITY OF DALY CITY (Continued) **S105937192**

Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0.001901655
Reactive Organic Gases Tons/Yr:	0.001851431
Carbon Monoxide Emissions Tons/Yr:	0.0057426
NOX - Oxides of Nitrogen Tons/Yr:	0.02641474
SOX - Oxides of Sulphur Tons/Yr:	1.2245e-005
Particulate Matter Tons/Yr:	0.000377239
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0.000362149

Name:	CITY OF DALY CITY
Address:	295 CORONADO AVENUE
City,State,Zip:	DALY CITY, CA 94015
Year:	2016
County Code:	41
Air Basin:	SF
Facility ID:	12876
Air District Name:	BA
SIC Code:	4941
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0.001901655
Reactive Organic Gases Tons/Yr:	0.0016706039175
Carbon Monoxide Emissions Tons/Yr:	0.0057426
NOX - Oxides of Nitrogen Tons/Yr:	0.02641474
SOX - Oxides of Sulphur Tons/Yr:	1.2245e-005
Particulate Matter Tons/Yr:	0.000377239
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0.000362149

Name:	CITY OF DALY CITY
Address:	295 CORONADO AVENUE
City,State,Zip:	DALY CITY, CA 94015
Year:	2017
County Code:	41
Air Basin:	SF
Facility ID:	12876
Air District Name:	BA
SIC Code:	4941
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0.000675543
Reactive Organic Gases Tons/Yr:	0.0005934645255
Carbon Monoxide Emissions Tons/Yr:	0.00204
NOX - Oxides of Nitrogen Tons/Yr:	0.009383568
SOX - Oxides of Sulphur Tons/Yr:	4.35e-006
Particulate Matter Tons/Yr:	0.00013401
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0.00012865

Name:	CITY OF DALY CITY
Address:	295 CORONADO AVENUE
City,State,Zip:	DALY CITY, CA 94015
Year:	2018
County Code:	41
Air Basin:	SF
Facility ID:	12876
Air District Name:	BA

CITY OF DALY CITY (Continued) **S105937192**

SIC Code:	4941
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0.000675992
Reactive Organic Gases Tons/Yr:	0.000593858972
Carbon Monoxide Emissions Tons/Yr:	0.002041353
NOX - Oxides of Nitrogen Tons/Yr:	0.009389794
SOX - Oxides of Sulphur Tons/Yr:	4.353e-006
Particulate Matter Tons/Yr:	0.000134099
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0.000128735

CERS:

Name:	WESTLAKE PUMP STATION
Address:	295 CORONADO
City,State,Zip:	DALY CITY, CA 94015
Site ID:	171441
CERS ID:	10069006
CERS Description:	Chemical Storage Facilities

Violations:

Site ID:	171441
Site Name:	WESTLAKE PUMP STATION
Violation Date:	03-24-2016
Citation:	HSC 6.95 25505(a)(4) - California Health and Safety Code, Chapter 6.95, Section(s) 25505(a)(4)
Violation Description:	Failure to provide initial and annual training to all employees in safety procedures in the event of a release or threatened release of a hazardous material or failure to document and maintain training records for a minimum of three years.
Violation Notes:	Returned to compliance on 06/30/2016. OBSERVATION: [INITIAL / ANNUAL] training documentation for all applicable employees was not available. CORRECTIVE ACTION: Submit documentation to the County within 30 days demonstrating that employees have received training on safe handling of hazardous materials and the Emergency Response Plan.
Violation Division:	San Mateo County Environmental Health
Violation Program:	HMRRP
Violation Source:	CERS

Site ID:	171441
Site Name:	WESTLAKE PUMP STATION
Violation Date:	03-13-2018
Citation:	HSC 6.95 25508.1(a)-(f) - California Health and Safety Code, Chapter 6.95, Section(s) 25508.1(a)-(f)
Violation Description:	Failure to electronically update business plan within 30 days of any one of the following events: A 100 percent or more increase in the quantity of a previously disclosed material. Any handling of a previously undisclosed hazardous materials at or above reportable quantities. A change of business address, business ownership, or business name. A substantial change in the handler's operations that requires modification to any portion of the business plan.
Violation Notes:	Returned to compliance on 04/20/2018. Primary emergency contact Patrick left the facility in October. Update emergency contact information and resubmit HMBP on ehesubmit.smchealth.org within the comply by date.
Violation Division:	San Mateo County Environmental Health
Violation Program:	HMRRP

CITY OF DALY CITY (Continued) **S105937192**

Violation Source: CERS

Evaluation:

Eval General Type: Compliance Evaluation Inspection
Eval Date: 03-13-2018
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Hazardous materials above threshold: Diesel- 600 gallons Bleach - 350 gallons Fluoride- 2000 lbs Ammonia - 140 gallons
Eval Division: San Mateo County Environmental Health
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 03-24-2016
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: San Mateo County Environmental Health
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Other/Unknown
Eval Date: 03-30-2020
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Not reported
Eval Division: San Mateo County Environmental Health
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Other/Unknown
Eval Date: 04-01-2019
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Not reported
Eval Division: San Mateo County Environmental Health
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Other/Unknown
Eval Date: 05-31-2017
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Not reported
Eval Division: San Mateo County Environmental Health
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 06-05-2020
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Inspection conducted during the first phase of inspections during the COVID-19 pandemic. Training records were sent to the inspector in advance. Hazardous materials above threshold: Bleach 350.0 Gallons Fluoride 2000.0 Pounds AMMONIA, AQUEOUS LIQUID 140.0 Gallons DIESEL

CITY OF DALY CITY (Continued) **S105937192**

FUEL NO. 2 600.0 Gallons
Eval Division: San Mateo County Environmental Health
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Other/Unknown
Eval Date: 06-13-2014
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Not reported
Eval Division: San Mateo County Environmental Health
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Other/Unknown
Eval Date: 06-13-2016
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Not reported
Eval Division: San Mateo County Environmental Health
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 11-14-2013
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: San Mateo County Environmental Health
Eval Program: HMRRP
Eval Source: CERS

Enforcement Action:
Site ID: 171441
Site Name: WESTLAKE PUMP STATION
Site Address: 295 CORONADO
Site City: DALY CITY
Site Zip: 94015
Enf Action Date: 05-12-2016
Enf Action Type: Notice of Violation (Unified Program)
Enf Action Description: Notice of Violation Issued by the Inspector at the Time of Inspection
Enf Action Notes: Not reported
Enf Action Division: San Mateo County Environmental Health
Enf Action Program: HMRRP
Enf Action Source: CERS

Affiliation:
Affiliation Type Desc: Document Preparer
Entity Name: Greg Krauss
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: Not reported

CITY OF DALY CITY (Continued) **S105937192**

Affiliation Type Desc:	Identification Signer
Entity Name:	Greg Krauss
Entity Title:	Chief of Operations
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	Not reported

Affiliation Type Desc:	Operator
Entity Name:	City of Daly City Water and Wastewater Resources
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	(650) 991-8200

Affiliation Type Desc:	CUPA District
Entity Name:	San Mateo County Environmental Health
Entity Title:	Not reported
Affiliation Address:	2000 Alameda de las Pulgas, Suite 100
Affiliation City:	San Mateo
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	94403
Affiliation Phone:	(650) 372-6200

Affiliation Type Desc:	Environmental Contact
Entity Name:	Thomas Piccolotti
Entity Title:	Not reported
Affiliation Address:	153 Lake Merced Blvd.
Affiliation City:	Daly City
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	94015
Affiliation Phone:	Not reported

Affiliation Type Desc:	Facility Mailing Address
Entity Name:	Mailing Address
Entity Title:	Not reported
Affiliation Address:	333 90TH ST
Affiliation City:	DALY CITY
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	94015
Affiliation Phone:	Not reported

Affiliation Type Desc:	Legal Owner
Entity Name:	CITY OF DALY CITY
Entity Title:	Not reported
Affiliation Address:	333 90TH
Affiliation City:	DALY CITY
Affiliation State:	CA
Affiliation Country:	United States

CITY OF DALY CITY (Continued) **S105937192**

Affiliation Zip:	94015
Affiliation Phone:	(650) 991-8200
Affiliation Type Desc:	Parent Corporation
Entity Name:	WESTLAKE PUMP STATION
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	Not reported
Name:	CITY OF DALY CITY
Address:	295 CORONADO AVENUE
City,State,Zip:	DALY CITY, CA 94015
Site ID:	459986
CERS ID:	110021091156
CERS Description:	US EPA Air Emission Inventory System (EIS)

F38 **WESTLAKE VILLAGE APT** **RCRA NonGen / NLR** **1024821038**
WSW **325 CORONADO AVE** **CAL000335714**
< 1/8 **DALY CITY, CA 94015**
0.124 mi.
654 ft. **Site 5 of 6 in cluster F**

Relative:
Higher

Actual:
128 ft.

RCRA NonGen / NLR:

Date Form Received by Agency:		2008-08-22 00:00:00.0
Handler Name:	WESTLAKE VILLAGE APT	
Handler Address:		325 CORONADO AVE
Handler City,State,Zip:		DALY CITY, CA 94015-3461
EPA ID:		CAL000335714
Contact Name:		PATSY ELBUHEL/ASST MAINT MGR
Contact Address:		333 PARK PLAZA DRIVE
Contact City,State,Zip:		DALY CITY, CA 94015
Contact Telephone:		650-756-0959
Contact Fax:		650-755-1081
Contact Email:		PELBUHEL@GB-A.COM
Contact Title:		Not reported
EPA Region:		09
Land Type:		Not reported
Federal Waste Generator Description:		Not a generator, verified
Non-Notifier:		Not reported
Biennial Report Cycle:		Not reported
Accessibility:		Not reported
Active Site Indicator:		Handler Activities
State District Owner:		Not reported
State District:		Not reported
Mailing Address:		333 PARK PLAZA DR
Mailing City,State,Zip:		DALY CITY, CA 94015-0000
Owner Name:		JALSON COMPANY INC
Owner Type:		Other
Operator Name:		PATSY ELBUHEL/ASST MAINT MGR
Operator Type:		Other
Short-Term Generator Activity:		No
Importer Activity:		No
Mixed Waste Generator:		No

WESTLAKE VILLAGE APT (Continued) **1024821038**

Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	Yes
Universal Waste Destination Facility:	Yes
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2018-09-05 20:30:37.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name:	JALSON COMPANY INC

WESTLAKE VILLAGE APT (Continued) **1024821038**

Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	201 FILBERT ST
Owner/Operator City,State,Zip:	SAN FRANCISCO, CA 94133-0000
Owner/Operator Telephone:	415-659-1600
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	PATSY ELBUHEL/ASST MAINT MGR
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	333 PARK PLAZA DRIVE
Owner/Operator City,State,Zip:	DALY CITY, CA 94015
Owner/Operator Telephone:	650-756-0959
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	2008-08-22 00:00:00.0
Handler Name: WESTLAKE VILLAGE APT	
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

List of NAICS Codes and Descriptions:

NAICS Code:	53111
NAICS Description:	LESSORS OF RESIDENTIAL BUILDINGS AND DWELLINGS

Facility Has Received Notices of Violations:

Violations:	No Violations Found

Evaluation Action Summary:

Evaluations:	No Evaluations Found

G39 **THE HOME DEPOT STORE #1092** **CERS HAZ WASTE** **S108433455**
NNW **303 E LAKE MERCED BLVD** **EMI** **N/A**
1/8-1/4 **DALY CITY, CA 94015** **CERS**
0.129 mi.
683 ft. **Site 1 of 4 in cluster G**

Relative:
Lower

Actual:
100 ft.

CERS HAZ WASTE:

Name:	THE HOME DEPOT STORE #1092
Address:	303 E LAKE MERCED BLVD
City,State,Zip:	DALY CITY, CA 94015
Site ID:	403840
CERS ID:	10069597
CERS Description:	Hazardous Waste Generator

EMI:

Name:	THE HOME DEPOT
Address:	303 E LAKE MERCED BLVD
City,State,Zip:	DALY CITY, CA 94015
Year:	2005
County Code:	41
Air Basin:	SF
Facility ID:	16794
Air District Name:	BA
SIC Code:	5072
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	.019
Reactive Organic Gases Tons/Yr:	.0158973
Carbon Monoxide Emissions Tons/Yr:	.051
NOX - Oxides of Nitrogen Tons/Yr:	.234
SOX - Oxides of Sulphur Tons/Yr:	.004
Particulate Matter Tons/Yr:	.017
Part. Matter 10 Micrometers and Smllr Tons/Yr:	.016592

Name:	THE HOME DEPOT (STORE# 1092)
Address:	303 E LAKE MERCED BLVD
City,State,Zip:	DALY CITY, CA 94015
Year:	2006
County Code:	41
Air Basin:	SF
Facility ID:	16794
Air District Name:	BA
SIC Code:	5072
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	.019
Reactive Organic Gases Tons/Yr:	.0158973
Carbon Monoxide Emissions Tons/Yr:	.051
NOX - Oxides of Nitrogen Tons/Yr:	.234
SOX - Oxides of Sulphur Tons/Yr:	.004
Particulate Matter Tons/Yr:	.017
Part. Matter 10 Micrometers and Smllr Tons/Yr:	.016592

Name:	THE HOME DEPOT (STORE# 1092)
Address:	303 E LAKE MERCED BLVD
City,State,Zip:	DALY CITY, CA 94015
Year:	2007

THE HOME DEPOT STORE #1092 (Continued) **S108433455**

County Code:	41
Air Basin:	SF
Facility ID:	16794
Air District Name:	BA
SIC Code:	5072
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	.003
Reactive Organic Gases Tons/Yr:	.0025101
Carbon Monoxide Emissions Tons/Yr:	.012
NOX - Oxides of Nitrogen Tons/Yr:	.057
SOX - Oxides of Sulphur Tons/Yr:	.002
Particulate Matter Tons/Yr:	.001
Part. Matter 10 Micrometers and Smllr Tons/Yr:	.000976

Name:	THE HOME DEPOT (STORE# 1092)
Address:	303 E LAKE MERCED BLVD
City,State,Zip:	DALY CITY, CA 94015
Year:	2008
County Code:	41
Air Basin:	SF
Facility ID:	16794
Air District Name:	BA
SIC Code:	5072
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	.003
Reactive Organic Gases Tons/Yr:	.0025101
Carbon Monoxide Emissions Tons/Yr:	.012
NOX - Oxides of Nitrogen Tons/Yr:	.057
SOX - Oxides of Sulphur Tons/Yr:	.002
Particulate Matter Tons/Yr:	.001
Part. Matter 10 Micrometers and Smllr Tons/Yr:	.000976

Name:	THE HOME DEPOT (STORE# 1092)
Address:	303 E LAKE MERCED BLVD
City,State,Zip:	DALY CITY, CA 94015
Year:	2009
County Code:	41
Air Basin:	SF
Facility ID:	16794
Air District Name:	BA
SIC Code:	5072
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	4.0000000000000001E-3
Reactive Organic Gases Tons/Yr:	0.0033468
Carbon Monoxide Emissions Tons/Yr:	0.014
NOX - Oxides of Nitrogen Tons/Yr:	6.4000000000000001E-2
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0.001
Part. Matter 10 Micrometers and Smllr Tons/Yr:	9.7599999999999998E-4

Name:	THE HOME DEPOT (STORE# 1092)

THE HOME DEPOT STORE #1092 (Continued) **S108433455**

Address:	303 E LAKE MERCED BLVD
City,State,Zip:	DALY CITY, CA 94015
Year:	2010
County Code:	41
Air Basin:	SF
Facility ID:	16794
Air District Name:	BA
SIC Code:	5072
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	4.0000000000000001E-3
Reactive Organic Gases Tons/Yr:	0.0033468
Carbon Monoxide Emissions Tons/Yr:	0.014
NOX - Oxides of Nitrogen Tons/Yr:	6.4000000000000001E-2
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0.00102459016393442
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0.001

Name:	THE HOME DEPOT (STORE# 1092)
Address:	303 E LAKE MERCED BLVD
City,State,Zip:	DALY CITY, CA 94015
Year:	2011
County Code:	41
Air Basin:	SF
Facility ID:	16794
Air District Name:	BA
SIC Code:	5072
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0.002
Reactive Organic Gases Tons/Yr:	0.0016734
Carbon Monoxide Emissions Tons/Yr:	0.008
NOX - Oxides of Nitrogen Tons/Yr:	0.035
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

Name:	THE HOME DEPOT (STORE# 1092)
Address:	303 E LAKE MERCED BLVD
City,State,Zip:	DALY CITY, CA 94015
Year:	2012
County Code:	41
Air Basin:	SF
Facility ID:	16794
Air District Name:	BA
SIC Code:	5072
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0.002
Reactive Organic Gases Tons/Yr:	0.0016734
Carbon Monoxide Emissions Tons/Yr:	0.008
NOX - Oxides of Nitrogen Tons/Yr:	0.035
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0.0010245901639

THE HOME DEPOT STORE #1092 (Continued) **S108433455**

Part. Matter 10 Micrometers and Smllr Tons/Yr:0.001

Name:	THE HOME DEPOT (STORE# 1092)
Address:	303 E LAKE MERCED BLVD
City,State,Zip:	DALY CITY, CA 94015
Year:	2013
County Code:	41
Air Basin:	SF
Facility ID:	16794
Air District Name:	BA
SIC Code:	5072
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0.001
Reactive Organic Gases Tons/Yr:	0.0008367
Carbon Monoxide Emissions Tons/Yr:	0.006
NOX - Oxides of Nitrogen Tons/Yr:	0.026
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0.001
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0.001

Name:	THE HOME DEPOT (STORE# 1092)
Address:	303 E LAKE MERCED BLVD
City,State,Zip:	DALY CITY, CA 94015
Year:	2014
County Code:	41
Air Basin:	SF
Facility ID:	16794
Air District Name:	BA
SIC Code:	5072
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0.001488415
Reactive Organic Gases Tons/Yr:	0
Carbon Monoxide Emissions Tons/Yr:	0.005605259
NOX - Oxides of Nitrogen Tons/Yr:	0.025764256
SOX - Oxides of Sulphur Tons/Yr:	3.2625e-005
Particulate Matter Tons/Yr:	0.000540301
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0.000518689

Name:	THE HOME DEPOT (STORE# 1092)
Address:	303 E LAKE MERCED BLVD
City,State,Zip:	DALY CITY, CA 94015
Year:	2015
County Code:	41
Air Basin:	SF
Facility ID:	16794
Air District Name:	BA
SIC Code:	5072
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0.001011328
Reactive Organic Gases Tons/Yr:	0.000920409
Carbon Monoxide Emissions Tons/Yr:	0.003808589

THE HOME DEPOT STORE #1092 (Continued) **S108433455**

NOX - Oxides of Nitrogen Tons/Yr: 0.01750595
SOX - Oxides of Sulphur Tons/Yr: 2.2168e-005
Particulate Matter Tons/Yr: 0.000367117
Part. Matter 10 Micrometers and Smllr Tons/Yr: 0.000352432

Name: THE HOME DEPOT (STORE# 1092)
Address: 303 E LAKE MERCED BLVD
City,State,Zip: DALY CITY, CA 94015
Year: 2016
County Code: 41
Air Basin: SF
Facility ID: 16794
Air District Name: BA
SIC Code: 5072
Air District Name: BAY AREA AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 0.001011328
Reactive Organic Gases Tons/Yr: 0.000888451648
Carbon Monoxide Emissions Tons/Yr: 0.003808589
NOX - Oxides of Nitrogen Tons/Yr: 0.017505951
SOX - Oxides of Sulphur Tons/Yr: 2.2168e-005
Particulate Matter Tons/Yr: 0.000367117
Part. Matter 10 Micrometers and Smllr Tons/Yr: 0.000352432

Name: THE HOME DEPOT (STORE# 1092)
Address: 303 E LAKE MERCED BLVD
City,State,Zip: DALY CITY, CA 94015
Year: 2017
County Code: 41
Air Basin: SF
Facility ID: 16794
Air District Name: BA
SIC Code: 5072
Air District Name: BAY AREA AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 0.002548961
Reactive Organic Gases Tons/Yr: 0.0022392622385
Carbon Monoxide Emissions Tons/Yr: 0.009599195
NOX - Oxides of Nitrogen Tons/Yr: 0.04412213
SOX - Oxides of Sulphur Tons/Yr: 5.5871e-005
Particulate Matter Tons/Yr: 0.000925284
Part. Matter 10 Micrometers and Smllr Tons/Yr: 0.000888272

Name: THE HOME DEPOT (STORE# 1092)
Address: 303 E LAKE MERCED BLVD
City,State,Zip: DALY CITY, CA 94015
Year: 2018
County Code: 41
Air Basin: SF
Facility ID: 16794
Air District Name: BA
SIC Code: 5072
Air District Name: BAY AREA AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported

THE HOME DEPOT STORE #1092 (Continued) **S108433455**

Total Organic Hydrocarbon Gases Tons/Yr:	0.002550652
Reactive Organic Gases Tons/Yr:	0.002240747782
Carbon Monoxide Emissions Tons/Yr:	0.009605565
NOX - Oxides of Nitrogen Tons/Yr:	0.044151408
SOX - Oxides of Sulphur Tons/Yr:	5.5908e-005
Particulate Matter Tons/Yr:	0.000925898
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0.000888862

CERS:

Name:	THE HOME DEPOT (STORE# 1092)
Address:	303 E LAKE MERCED BLVD
City,State,Zip:	DALY CITY, CA 94015-3114
Site ID:	498588
CERS ID:	110024543225
CERS Description:	US EPA Air Emission Inventory System (EIS)

Name:	THE HOME DEPOT STORE #1092
Address:	303 E LAKE MERCED BLVD
City,State,Zip:	DALY CITY, CA 94015
Site ID:	403840
CERS ID:	10069597
CERS Description:	Chemical Storage Facilities

Violations:

Site ID:	403840
Site Name:	THE HOME DEPOT STORE #1092
Violation Date:	06-07-2016
Citation:	HSC 6.95 25505.1 - California Health and Safety Code, Chapter 6.95, Section(s) 25505.1
Violation Description:	Failure to notify property owner in writing that the business is subject to the business plan program and has complied with its provisions.
Violation Notes:	Returned to compliance on 06/24/2016. OBSERVATION: Failure to notify property owner in writing that the business is subject to the business plan program and has complied with its provisions. CORRECTIVE ACTION: Provide verification to the County within 30 days that the property owner has been properly notified.
Violation Division:	San Mateo County Environmental Health
Violation Program:	HMRRP
Violation Source:	CERS

Site ID:	403840
Site Name:	THE HOME DEPOT STORE #1092
Violation Date:	05-29-2019
Citation:	22 CCR 12 66262.40(a) - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.40(a)
Violation Description:	Failure to keep a copy of each properly signed manifest for at least three years from the date the waste was accepted by the initial transporter. The manifest signed at the time the waste was accepted for transport shall be kept until receiving a signed copy from the designated facility which received the waste.
Violation Notes:	Returned to compliance on 08/02/2019. All pressure treated wood waste pickups for 2019 Most copies were missing for 2018 as well Final manifest copies are missing for all of the pickup dates listed below: 4/24/19: 002244502 PSC 3/27/19: 002173021 PSC, 002173165 PSC 3/19/19: 002158480 PSC 3/12/19: 002158703 PSC, 002158159 PSC, 002157934 PSC 2/05/19: 002120155 PSC 1/11/19: 002093247 PSC 11/28/18: 002040054 PSC

THE HOME DEPOT STORE #1092 (Continued) **S108433455**

11/14/18: 0020228461 PSC, 002028666 PSC 10/30/18: 002015427 PSC 10/5/18: 001990640 PSC Provide missing manifest copies to the inspector within the comply by date. It might be best to schedule a site visit with the inspector due to the issue of sending large files over email. Ensure bills of lading are signed off as well.

Violation Division: San Mateo County Environmental Health
Violation Program: HW
Violation Source: CERS

Site ID: 403840
Site Name: THE HOME DEPOT STORE #1092
Violation Date: 05-29-2019
Citation: HSC 6.95 25505(a)(4) - California Health and Safety Code, Chapter 6.95, Section(s) 25505(a)(4)
Violation Description: Failure to provide initial and annual training to all employees in safety procedures in the event of a release or threatened release of a hazardous material or failure to document and maintain training records for a minimum of three years.
Violation Notes: Returned to compliance on 07/30/2019. Around 1/3 of employees have not received annual training. Ensure all employees are trained and submit documentation to the inspector within the comply by date.
Violation Division: San Mateo County Environmental Health
Violation Program: HMRRP
Violation Source: CERS

Site ID: 403840
Site Name: THE HOME DEPOT STORE #1092
Violation Date: 06-07-2016
Citation: 40 CFR 1 265.173 - U.S. Code of Federal Regulations, Title 40, Chapter 1, Section(s) 265.173
Violation Description: Failure to meet the following container management requirements: (a) A container holding hazardous waste must always be closed during storage, except when it is necessary to add or remove waste. (b) A container holding hazardous waste must not be opened, handled, or stored in a manner which may rupture the container or cause it to leak.
Violation Notes: Returned to compliance on 06/07/2016. Waste paint tins left open. CORRECTED ON SITE.
Violation Division: San Mateo County Environmental Health
Violation Program: HW
Violation Source: CERS

Site ID: 403840
Site Name: THE HOME DEPOT STORE #1092
Violation Date: 06-07-2016
Citation: 22 CCR 23 66273.34 - California Code of Regulations, Title 22, Chapter 23, Section(s) 66273.34
Violation Description: Failure to label or mark each individual or container or the designated area of universal waste as required. 1) Waste batteries shall be marked with "Universal Waste-Battery(ies)G . 2) Mercury containing equipment shall be marked with "Universal Waste -Mercury-Containing EquipmentG . 3) Lamps shall be marked with G Universal Waste-Lamp(s)G . 4)Each electronic devices or the container or the designated area shall be marked with G Universal Waste-Electronic Device(s)G . 5) Each CRTs or the container or the designated area shall be marked with "Universal Waste-CRT(s)G . 6) CRT glass or the designated area shall be marked with G Universal

THE HOME DEPOT STORE #1092 (Continued) **S108433455**

	Waste-CRT glassG .
Violation Notes:	Returned to compliance on 06/07/2016. Universal waste bulbs not labeled, boxes were also open. CORRECTED ON SITE.
Violation Division:	San Mateo County Environmental Health
Violation Program:	HW
Violation Source:	CERS
Site ID:	403840
Site Name:	THE HOME DEPOT STORE #1092
Violation Date:	05-29-2019
Citation:	HSC 6.95 25508.1(a)-(f) - California Health and Safety Code, Chapter 6.95, Section(s) 25508.1(a)-(f)
Violation Description:	Failure to electronically update business plan within 30 days of any one of the following events: A 100 percent or more increase in the quantity of a previously disclosed material. Any handling of a previously undisclosed hazardous materials at or above reportable quantities. A change of business address, business ownership, or business name. A substantial change in the handler's operations that requires modification to any portion of the business plan.
Violation Notes:	Returned to compliance on 07/01/2019. Emergency contact information needs to be updated on CERS. Revise HMBP submission on CERS and submit documentation to the inspector within the comply by date. Battery entry should be revised as well. Facility appears to be storing below threshold amounts.
Violation Division:	San Mateo County Environmental Health
Violation Program:	HMRRP
Violation Source:	CERS
Site ID:	403840
Site Name:	THE HOME DEPOT STORE #1092
Violation Date:	07-31-2020
Citation:	22 CCR 12 66262.34(f) - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.34(f)
Violation Description:	Failure to properly label hazardous waste accumulation containers and portable tanks with the following requirements: "Hazardous Waste", name and address of the generator, physical and chemical characteristics of the Hazardous Waste, and starting accumulation date.
Violation Notes:	Three drums of waste pesticides/fertilizers/chemicals, plumbing rags and a box of waste tint had the hazardous property of other organic health hazard. This is not a hazardous property. Examples of hazardous properties are : toxic, ignitable, flammable, corrosive, reactive, combustible etc. Find the hazardous properties of the hazardous materials. Properly label the containers, and submit the documentation to the inspector within the comply by date.
Violation Division:	San Mateo County Environmental Health
Violation Program:	HW
Violation Source:	CERS
Site ID:	403840
Site Name:	THE HOME DEPOT STORE #1092
Violation Date:	06-07-2016
Citation:	22 CCR 12 66262.34(f) - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.34(f)
Violation Description:	Failure to properly label hazardous waste accumulation containers and portable tanks with the following requirements: "Hazardous Waste", name and address of the generator, physical and chemical

THE HOME DEPOT STORE #1092 (Continued) **S108433455**

	characteristics of the Hazardous Waste, and starting accumulation date.
Violation Notes:	Returned to compliance on 06/07/2016. Waste paint tins unlabeled. CORRECTED ON SITE.
Violation Division:	San Mateo County Environmental Health
Violation Program:	HW
Violation Source:	CERS
Site ID:	403840
Site Name:	THE HOME DEPOT STORE #1092
Violation Date:	06-22-2018
Citation:	HSC 6.95 25508(a)(1) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(1)
Violation Description:	Failure to establish and electronically submit an adequate training program in safety procedures in the event of a release or threatened release of a hazardous material.
Violation Notes:	Returned to compliance on 08/20/2018.
Violation Division:	San Mateo County Environmental Health
Violation Program:	HMRRP
Violation Source:	CERS
Site ID:	403840
Site Name:	THE HOME DEPOT STORE #1092
Violation Date:	06-07-2016
Citation:	HSC 6.95 25505(a)(4) - California Health and Safety Code, Chapter 6.95, Section(s) 25505(a)(4)
Violation Description:	Failure to provide initial and annual training to all employees in safety procedures in the event of a release or threatened release of a hazardous material or failure to document and maintain training records for a minimum of three years.
Violation Notes:	Returned to compliance on 06/24/2016. OBSERVATION: Annual training documentation for all applicable employees was not available. CORRECTIVE ACTION: Submit documentation to the County within 30 days demonstrating that employees have received training on safe handling of hazardous materials and the Emergency Response Plan.
Violation Division:	San Mateo County Environmental Health
Violation Program:	HMRRP
Violation Source:	CERS

Evaluation:

Eval General Type:	Other/Unknown
Eval Date:	01-09-2019
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Not reported
Eval Division:	San Mateo County Environmental Health
Eval Program:	HMRRP
Eval Source:	CERS
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	01-31-2014
Violations Found:	No
Eval Type:	Routine done by local agency
Eval Notes:	Not reported
Eval Division:	San Mateo County Environmental Health
Eval Program:	HMRRP
Eval Source:	CERS

THE HOME DEPOT STORE #1092 (Continued) **S108433455**

Eval General Type:	Compliance Evaluation Inspection
Eval Date:	01-31-2014
Violations Found:	No
Eval Type:	Routine done by local agency
Eval Notes:	Not reported
Eval Division:	San Mateo County Environmental Health
Eval Program:	HW
Eval Source:	CERS

Eval General Type:	Other/Unknown
Eval Date:	02-02-2017
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Not reported
Eval Division:	San Mateo County Environmental Health
Eval Program:	HMRRP
Eval Source:	CERS

Eval General Type:	Other/Unknown
Eval Date:	03-09-2015
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Not reported
Eval Division:	San Mateo County Environmental Health
Eval Program:	HMRRP
Eval Source:	CERS

Eval General Type:	Other/Unknown
Eval Date:	03-17-2015
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Not reported
Eval Division:	San Mateo County Environmental Health
Eval Program:	HMRRP
Eval Source:	CERS

Eval General Type:	Compliance Evaluation Inspection
Eval Date:	05-29-2019
Violations Found:	Yes
Eval Type:	Routine done by local agency
Eval Notes:	Facility was an SQG at the time of the inspection. 4 tons of waste were generated in 2018. Less than 1000kg of waste generated per month. Hazardous waste streams generated: Universal waste, aerosols, paints, flammables, corrosives, toxics, pressure treated wood waste
Eval Division:	San Mateo County Environmental Health
Eval Program:	HW
Eval Source:	CERS

Eval General Type:	Compliance Evaluation Inspection
Eval Date:	05-29-2019
Violations Found:	Yes
Eval Type:	Routine done by local agency
Eval Notes:	Hazardous materials above threshold quantities: Diesel Fuel 204 gallons Liquefied Petroleum Gas (LPG) 120 gallons FLUORESCENT LIGHT TUBES AND BULBS - UNIVERSAL WASTE 527 pounds NON DOT/NON RCRA REGULATED MATERIAL (PRESSURE TREATED WOOD) 1,940 pounds ON-RCRA HAZARDOUS WASTE LIQUID (WATER BASED PRODUCTS) 198.2 gallons

THE HOME DEPOT STORE #1092 (Continued) **S108433455**

Eval Division:	San Mateo County Environmental Health
Eval Program:	HMRRP
Eval Source:	CERS
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	06-07-2016
Violations Found:	Yes
Eval Type:	Routine done by local agency
Eval Notes:	Not reported
Eval Division:	San Mateo County Environmental Health
Eval Program:	HMRRP
Eval Source:	CERS
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	06-07-2016
Violations Found:	Yes
Eval Type:	Routine done by local agency
Eval Notes:	Not reported
Eval Division:	San Mateo County Environmental Health
Eval Program:	HW
Eval Source:	CERS
Eval General Type:	Other/Unknown
Eval Date:	06-22-2016
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Not reported
Eval Division:	San Mateo County Environmental Health
Eval Program:	HMRRP
Eval Source:	CERS
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	06-22-2018
Violations Found:	No
Eval Type:	Routine done by local agency
Eval Notes:	Not reported
Eval Division:	San Mateo County Environmental Health
Eval Program:	HW
Eval Source:	CERS
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	06-22-2018
Violations Found:	Yes
Eval Type:	Routine done by local agency
Eval Notes:	Hazardous materials above threshold: DIESEL FUEL 204 gallons LIQUEFIED PETROLEUM GAS (LPG) 120 gallons LEAD ACID BATTERIES 531.65 gallons NON-RCRA HAZARDOUS WASTE LIQUID (WATER BASED PRODUCTS) 237.65 gallons DOT/NON RCRA REGULATED MATERIAL (PRESSURE TREATED WOOD) 1,640 pounds NON-RCRA HAZARDOUS WASTE SOLID (ABSORBENTS WITH PAINT/OIL/CLEANERS) 3,080 pounds WASTE FLAMMABLE LIQUIDS, N.O.S. (ACETONE, METHYL ETHYL KETONE) 84.53 gallons
Eval Division:	San Mateo County Environmental Health
Eval Program:	HMRRP
Eval Source:	CERS
Eval General Type:	Other/Unknown
Eval Date:	06-24-2019

THE HOME DEPOT STORE #1092 (Continued) **S108433455**

Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Not reported
Eval Division:	San Mateo County Environmental Health
Eval Program:	HMRRP
Eval Source:	CERS
Eval General Type:	Other/Unknown
Eval Date:	07-31-2019
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Not reported
Eval Division:	San Mateo County Environmental Health
Eval Program:	HMRRP
Eval Source:	CERS
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	07-31-2020
Violations Found:	Yes
Eval Type:	Routine done by local agency
Eval Notes:	Inspection conducted during the COVID 19 pandemic. Records were sent in advance, social distancing protocols were observed, no signature was obtained to minimize contact. Hazardous waste streams generated: Waste tints Latex paints Used oil Waste gasoline Plumbing rags Universal waste - bulbs, ballasts, light tubes, batteries, electronics, aerosols Oily solids Key shavings Flammables Other Organic Solids - pesticides, herbicides, cleaning chemicals Pressure treated wood waste
Eval Division:	San Mateo County Environmental Health
Eval Program:	HW
Eval Source:	CERS
Eval General Type:	Other/Unknown
Eval Date:	08-01-2014
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Not reported
Eval Division:	San Mateo County Environmental Health
Eval Program:	HMRRP
Eval Source:	CERS
Eval General Type:	Other/Unknown
Eval Date:	08-02-2019
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Site visit to resolve remaining violation for retention of final manifest copies. All pressure treated wood waste disposal records were on site for 2018 and 2019. All manifest copes that were noted as missing during the last routine inspection were on site. Violation resolved.
Eval Division:	San Mateo County Environmental Health
Eval Program:	HW
Eval Source:	CERS
Eval General Type:	Other/Unknown
Eval Date:	12-19-2019
Violations Found:	No

THE HOME DEPOT STORE #1092 (Continued) **S108433455**

Eval Type:	Other, not routine, done by local agency
Eval Notes:	Not reported
Eval Division:	San Mateo County Environmental Health
Eval Program:	HMRRP
Eval Source:	CERS
Eval General Type:	Other/Unknown
Eval Date:	12-21-2017
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Not reported
Eval Division:	San Mateo County Environmental Health
Eval Program:	HMRRP
Eval Source:	CERS

Enforcement Action:

Site ID:	403840
Site Name:	THE HOME DEPOT STORE #1092
Site Address:	303 E LAKE MERCED BLVD
Site City:	DALY CITY
Site Zip:	94015
Enf Action Date:	07-09-2019
Enf Action Type:	Notice of Violation (Unified Program)
Enf Action Description:	Notice of Violation Issued by the Inspector at the Time of Inspection
Enf Action Notes:	Certified NOV lettter delivered to business on July 12, 2019. 9/6/19: No violations are open in the violation dispatch center, NOV resolved.
Enf Action Division:	San Mateo County Environmental Health
Enf Action Program:	HMRRP
Enf Action Source:	CERS
Site ID:	403840
Site Name:	THE HOME DEPOT STORE #1092
Site Address:	303 E LAKE MERCED BLVD
Site City:	DALY CITY
Site Zip:	94015
Enf Action Date:	07-09-2019
Enf Action Type:	Notice of Violation (Unified Program)
Enf Action Description:	Notice of Violation Issued by the Inspector at the Time of Inspection
Enf Action Notes:	Certified NOV lettter delivered to business on July 12, 2019. 9/6/19: No violations are open in the violation dispatch center, NOV resolved.
Enf Action Division:	San Mateo County Environmental Health
Enf Action Program:	HW
Enf Action Source:	CERS
Site ID:	403840
Site Name:	THE HOME DEPOT STORE #1092
Site Address:	303 E LAKE MERCED BLVD
Site City:	DALY CITY
Site Zip:	94015
Enf Action Date:	08-08-2018
Enf Action Type:	Notice of Violation (Unified Program)
Enf Action Description:	Notice of Violation Issued by the Inspector at the Time of Inspection
Enf Action Notes:	NOV Delivered Aug 15, 2018. 8/20/2018- violations closed.
Enf Action Division:	San Mateo County Environmental Health
Enf Action Program:	HMRRP
Enf Action Source:	CERS

THE HOME DEPOT STORE #1092 (Continued) **S108433455**

Affiliation:

Affiliation Type Desc:	Document Preparer
Entity Name:	ARCADIS U.S., Inc.
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	Not reported

Affiliation Type Desc:	Environmental Contact
Entity Name:	ARCADIS U.S., Inc.
Entity Title:	Not reported
Affiliation Address:	213 Court Street, Suite 700 c/o Compliance Dept.
Affiliation City:	Middletown
Affiliation State:	CT
Affiliation Country:	Not reported
Affiliation Zip:	06457
Affiliation Phone:	Not reported

Affiliation Type Desc:	Parent Corporation
Entity Name:	The Home Depot USA, Inc.
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	Not reported

Affiliation Type Desc:	Identification Signer
Entity Name:	Moriah Bloom, Agent for The Home Depot U.S.A., Inc.
Entity Title:	Regulatory Compliance Specialist
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	Not reported

Affiliation Type Desc:	CUPA District
Entity Name:	San Mateo County Environmental Health
Entity Title:	Not reported
Affiliation Address:	2000 Alameda de las Pulgas, Suite 100
Affiliation City:	San Mateo
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	94403
Affiliation Phone:	(650) 372-6200

Affiliation Type Desc:	Facility Mailing Address
Entity Name:	Mailing Address
Entity Title:	Not reported
Affiliation Address:	213 Court Street, Suite 700 c/o Compliance Dept.
Affiliation City:	Middletown
Affiliation State:	CT

THE HOME DEPOT STORE #1092 (Continued) **S108433455**

Affiliation Country:	Not reported
Affiliation Zip:	06457
Affiliation Phone:	Not reported
Affiliation Type Desc:	Legal Owner
Entity Name:	The Home Depot U.S.A., Inc.
Entity Title:	Not reported
Affiliation Address:	2455 Paces Ferry Road, C-19
Affiliation City:	Atlanta
Affiliation State:	GA
Affiliation Country:	United States
Affiliation Zip:	30339
Affiliation Phone:	(770) 433-8211
Affiliation Type Desc:	Operator
Entity Name:	The Home Depot U.S.A., Inc.
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	(770) 433-8211
Affiliation Type Desc:	Property Owner
Entity Name:	THE HOME DEPOT U.S.A., INC.
Entity Title:	Not reported
Affiliation Address:	2455 Paces Ferry Road, C-19
Affiliation City:	Atlanta
Affiliation State:	GA
Affiliation Country:	United States
Affiliation Zip:	30339
Affiliation Phone:	(770) 433-8211

G40 **THE HOME DEPOT STORE #1092** **San Mateo Co. BI** **S108054654**
NNW **303 LAKE MERCED** **N/A**
1/8-1/4 **DALY CITY, CA 94015**
0.129 mi.
683 ft. **Site 2 of 4 in cluster G**

Relative: San Mateo Co. BI:
Lower

Actual: Name:	THE HOME DEPOT STORE #1092
100 ft. Address:	303 LAKE MERCED
City,State,Zip:	DALY CITY, CA 94015
Region:	SAN MATEO
Facility ID:	FA0029702
Prog Element Code:	STORES HAZ MAT <219GAL,1,999LB, 879FT3
Record Id:	PR0051089
Description:	STORES HAZ MAT <219GAL,1,999LB, 879CF
Facility Status:	Active, billable
Program Category:	BUSINESS PLAN PROGRAM
Name:	THE HOME DEPOT STORE #1092
Address:	303 LAKE MERCED
City,State,Zip:	DALY CITY, CA 94015
Region:	SAN MATEO
Facility ID:	FA0029702

THE HOME DEPOT STORE #1092 (Continued) **S108054654**

Prog Element Code:	GEN 6-25 TONS HAZ WASTE/YR
Record Id:	PR0051090
Description:	GEN 6-25 TONS HAZ WASTE/YR
Facility Status:	Active, billable
Program Category:	HAZARDOUS WASTE PROGRAM

F41 **WESTLAKE VILLAGE APT** **RCRA NonGen / NLR** **1024821017**
WSW **335 CORONADO AVE** **CAL000335645**
1/8-1/4 **DALY CITY, CA 94015**
0.131 mi.
692 ft. **Site 6 of 6 in cluster F**

Relative: **Higher**
Actual: **128 ft.**

RCRA NonGen / NLR:

Date Form Received by Agency:		2008-08-21 00:00:00.0
Handler Name:	WESTLAKE VILLAGE APT	
Handler Address:		335 CORONADO AVE
Handler City,State,Zip:		DALY CITY, CA 94015-3462
EPA ID:		CAL000335645
Contact Name:		PATSY ELBUHEL/ASST MAINT MGR
Contact Address:		333 PARK PLAZA DRIVE
Contact City,State,Zip:		DALY CITY, CA 94015
Contact Telephone:		650-756-0959
Contact Fax:		650-755-1081
Contact Email:		PELBUHEL@GB-A.COM
Contact Title:		Not reported
EPA Region:		09
Land Type:		Not reported
Federal Waste Generator Description:		Not a generator, verified
Non-Notifier:		Not reported
Biennial Report Cycle:		Not reported
Accessibility:		Not reported
Active Site Indicator:		Handler Activities
State District Owner:		Not reported
State District:		Not reported
Mailing Address:		333 PARK PLAZA DR
Mailing City,State,Zip:		DALY CITY, CA 94015-0000
Owner Name:		JALSON COMPANY INC
Owner Type:		Other
Operator Name:		PATSY ELBUHEL/ASST MAINT MGR
Operator Type:		Other
Short-Term Generator Activity:		No
Importer Activity:		No
Mixed Waste Generator:		No
Transporter Activity:		No
Transfer Facility Activity:		No
Recycler Activity with Storage:		No
Small Quantity On-Site Burner Exemption:		No
Smelting Melting and Refining Furnace Exemption:		No
Underground Injection Control:		No
Off-Site Waste Receipt:		No
Universal Waste Indicator:		Yes
Universal Waste Destination Facility:		Yes
Federal Universal Waste:		No
Active Site Fed-Reg Treatment Storage and Disposal Facility:		Not reported
Active Site Converter Treatment storage and Disposal Facility:		Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:		Not reported
Active Site State-Reg Handler:		---
Federal Facility Indicator:		Not reported

WESTLAKE VILLAGE APT (Continued) **1024821017**

Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2018-09-05 20:30:36.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Handler - Owner Operator:

Owner/Operator Indicator:	Operator
Owner/Operator Name:	PATSY ELBUHEL/ASST MAINT MGR
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	333 PARK PLAZA DRIVE
Owner/Operator City,State,Zip:	DALY CITY, CA 94015
Owner/Operator Telephone:	650-756-0959
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	JALSON COMPANY INC
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported

WESTLAKE VILLAGE APT (Continued) **1024821017**

Owner/Operator Address: 201 FILBERT ST
Owner/Operator City,State,Zip: SAN FRANCISCO, CA 94133-0000
Owner/Operator Telephone: 415-659-1600
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:
Receive Date: 2008-08-21 00:00:00.0
Handler Name: WESTLAKE VILLAGE APT
Federal Waste Generator Description: Not a generator, verified
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:
NAICS Code: 53111
NAICS Description: LESSORS OF RESIDENTIAL BUILDINGS AND DWELLINGS

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

H42 **VERIZON WIRELESS WESTDALE FIELDCREST** **San Mateo Co. BI** **S117976194**
North **251 WESTLAKE** **N/A**
1/8-1/4 **DALY CITY, CA 94015**
0.145 mi.
765 ft. **Site 1 of 36 in cluster H**

Relative: **Lower**
Actual: **93 ft.**

San Mateo Co. BI:
Name: VERIZON WIRELESS WESTDALE FIELDCREST
Address: 251 WESTLAKE
City,State,Zip: DALY CITY, CA 94015
Region: SAN MATEO
Facility ID: FA0058054
Prog Element Code: STORES MV FUELS OR WASTE ONLY
Record Id: PR0080528
Description: STORES MV FUELS OR WASTE ONLY
Facility Status: Active, billable
Program Category: BUSINESS PLAN PROGRAM

G43 **AT & T MOBILITY** **San Mateo Co. BI** **S102803748**
NNW **285 LAKE MERCED** **N/A**
1/8-1/4 **DALY CITY, CA 94015**
0.149 mi.
788 ft. **Site 3 of 4 in cluster G**

Relative: San Mateo Co. BI:
Lower

Name:	WESTLAKE SHOPPING CENTER
Address:	285 LAKE MERCED
City,State,Zip:	DALY CITY, CA 94015
Region:	SAN MATEO
Facility ID:	FA0023573
Prog Element Code:	STORES HAZ MAT <219GAL,1,999LB, 879FT3
Record Id:	PR0027292
Description:	STORES HAZ MAT <219GAL,1,999LB, 879CF
Facility Status:	Inactive, non-billable
Program Category:	BUSINESS PLAN PROGRAM

Actual:
99 ft.

Name:	AT & T MOBILITY
Address:	285 LAKE MERCED
City,State,Zip:	DALY CITY, CA 94015
Region:	SAN MATEO
Facility ID:	FA0028898
Prog Element Code:	STORES HAZ MAT <219GAL,1,999LB, 879FT3
Record Id:	PR0048725
Description:	STORES HAZ MAT <219GAL,1,999LB, 879CF
Facility Status:	Inactive, non-billable
Program Category:	BUSINESS PLAN PROGRAM

G44 **PENINSULA DENTAL CENTER** **San Mateo Co. BI** **S108054728**
NNW **283 LAKE MERCED** **N/A**
1/8-1/4 **DALY CITY, CA 94015**
0.151 mi.
799 ft. **Site 4 of 4 in cluster G**

Relative: San Mateo Co. BI:
Lower

Name:	PENINSULA DENTAL CENTER
Address:	283 LAKE MERCED
City,State,Zip:	DALY CITY, CA 94015
Region:	SAN MATEO
Facility ID:	FA0026437
Prog Element Code:	GENERATES <27 GAL/YEAR
Record Id:	PR0050807
Description:	GENERATES <27 GAL/YEAR
Facility Status:	Inactive, non-billable
Program Category:	HAZARDOUS WASTE PROGRAM

Actual:
99 ft.

Name:	PENINSULA DENTAL CENTER
Address:	283 LAKE MERCED
City,State,Zip:	DALY CITY, CA 94015
Region:	SAN MATEO
Facility ID:	FA0026437
Prog Element Code:	SML QUANTITY GENERATOR(1-199lbs/Mo) OFF-SITE
Record Id:	PR0038321
Description:	SQG OFF-SITE TREATMENT (1-199 LB/MO)
Facility Status:	Inactive, non-billable
Program Category:	MEDICAL WASTE

I45 **WESTLAKE VILLAGE APT** **RCRA NonGen / NLR** **1024821016**
West **355 SOUTHGATE AVE** **CAL000335644**
1/8-1/4 **DALY CITY, CA 94015**
0.162 mi.
855 ft. **Site 1 of 2 in cluster I**

Relative:
Higher

Actual:
138 ft.

RCRA NonGen / NLR:

Date Form Received by Agency:		2008-08-21 00:00:00.0
Handler Name:	WESTLAKE VILLAGE APT	
Handler Address:		355 SOUTHGATE AVE
Handler City,State,Zip:		DALY CITY, CA 94015-3463
EPA ID:		CAL000335644
Contact Name:		PATSY ELBUHEL/ASST MAINT MGR
Contact Address:		333 PARK PLAZA DRIVE
Contact City,State,Zip:		DALY CITY, CA 94015
Contact Telephone:		650-756-0959
Contact Fax:		650-755-1081
Contact Email:		PELBUHEL@GB-A.COM
Contact Title:		Not reported
EPA Region:		09
Land Type:		Not reported
Federal Waste Generator Description:		Not a generator, verified
Non-Notifier:		Not reported
Biennial Report Cycle:		Not reported
Accessibility:		Not reported
Active Site Indicator:		Handler Activities
State District Owner:		Not reported
State District:		Not reported
Mailing Address:		333 PARK PLAZA DR
Mailing City,State,Zip:		DALY CITY, CA 94015-0000
Owner Name:		JALSON COMPANY INC
Owner Type:		Other
Operator Name:		PATSY ELBUHEL/ASST MAINT MGR
Operator Type:		Other
Short-Term Generator Activity:		No
Importer Activity:		No
Mixed Waste Generator:		No
Transporter Activity:		No
Transfer Facility Activity:		No
Recycler Activity with Storage:		No
Small Quantity On-Site Burner Exemption:		No
Smelting Melting and Refining Furnace Exemption:		No
Underground Injection Control:		No
Off-Site Waste Receipt:		No
Universal Waste Indicator:		Yes
Universal Waste Destination Facility:		Yes
Federal Universal Waste:		No
Active Site Fed-Reg Treatment Storage and Disposal Facility:		Not reported
Active Site Converter Treatment storage and Disposal Facility:		Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:		Not reported
Active Site State-Reg Handler:		---
Federal Facility Indicator:		Not reported
Hazardous Secondary Material Indicator:		N
Sub-Part K Indicator:		Not reported
Commercial TSD Indicator:		No
Treatment Storage and Disposal Type:		Not reported
2018 GPRA Permit Baseline:		Not on the Baseline
2018 GPRA Renewals Baseline:		Not on the Baseline
Permit Renewals Workload Universe:		Not reported

WESTLAKE VILLAGE APT (Continued) **1024821016**

Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2018-09-05 20:30:36.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Handler - Owner Operator:

Owner/Operator Indicator:	Operator
Owner/Operator Name:	PATSY ELBUHEL/ASST MAINT MGR
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	333 PARK PLAZA DRIVE
Owner/Operator City,State,Zip:	DALY CITY, CA 94015
Owner/Operator Telephone:	650-756-0959
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	JALSON COMPANY INC
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	201 FILBERT ST
Owner/Operator City,State,Zip:	SAN FRANCISCO, CA 94133-0000
Owner/Operator Telephone:	415-659-1600
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

WESTLAKE VILLAGE APT (Continued) **1024821016**

Historic Generators:
- Receive Date: 2008-08-21 00:00:00.0
- Handler Name: WESTLAKE VILLAGE APT
- Federal Waste Generator Description: Not a generator, verified
- State District Owner: Not reported
- Large Quantity Handler of Universal Waste: No
- Recognized Trader Importer: No
- Recognized Trader Exporter: No
- Spent Lead Acid Battery Importer: No
- Spent Lead Acid Battery Exporter: No
- Current Record: Yes
- Non Storage Recycler Activity: Not reported
- Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:
- NAICS Code: 53111
- NAICS Description: LESSORS OF RESIDENTIAL BUILDINGS AND DWELLINGS

Facility Has Received Notices of Violations:
- Violations: No Violations Found

Evaluation Action Summary:
- Evaluations: No Evaluations Found

H46 **HOME DEPOT NO HD 1092** **RCRA-SQG 1009311755**
North **700 WESTLAKE CENTER** **FINDS CAR000171637**
1/8-1/4 **DALY CITY, CA 94015**
0.162 mi.
857 ft. **Site 2 of 36 in cluster H**

Relative: **Lower**
Actual: **91 ft.**

RCRA-SQG:
- Date Form Received by Agency: 2008-12-18 00:00:00.0
- Handler Name: HOME DEPOT NO HD 1092
- Handler Address: 700 WESTLAKE CENTER
- Handler City,State,Zip: DALY CITY, CA 94013
- EPA ID: CAR000171637
- Contact Name: ROSA L WHIPPLE
- Contact Address: 1905 ASTON AVE
- Contact City,State,Zip: CARLSBAD, CA 92008
- Contact Telephone: 800-451-8346
- Contact Fax: Not reported
- Contact Email: RWHIPPLE@3ECOMPANY.COM
- Contact Title: Not reported
- EPA Region: 09
- Land Type: Private
- Federal Waste Generator Description: Small Quantity Generator
- Non-Notifier: Not reported
- Biennial Report Cycle: Not reported
- Accessibility: Not reported
- Active Site Indicator: Handler Activities
- State District Owner: Not reported
- State District: Not reported
- Mailing Address: 1905 ASTON AVE
- Mailing City,State,Zip: CARLSBAD, CA 92008
- Owner Name: HOME DEPOT USA

HOME DEPOT NO HD 1092 (Continued) **1009311755**

Owner Type:	Private
Operator Name:	HOME DEPOT USA
Operator Type:	Private
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2008-12-23 12:53:24.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No

HOME DEPOT NO HD 1092 (Continued) **1009311755**

Sub-Part P Indicator: No

Hazardous Waste Summary:
Waste Code: D001
Waste Description: IGNITABLE WASTE

Waste Code: D002
Waste Description: CORROSIVE WASTE

Waste Code: D009
Waste Description: MERCURY

Waste Code: D016
Waste Description: 2,4-D (2,4-DICHLOROPHENOXYACETIC ACID)

Waste Code: D018
Waste Description: BENZENE

Waste Code: D035
Waste Description: METHYL ETHYL KETONE

Handler - Owner Operator:
Owner/Operator Indicator: Operator
Owner/Operator Name: HOME DEPOT USA
Legal Status: Private
Date Became Current: 2006-02-09 00:00:00.
Date Ended Current: Not reported
Owner/Operator Address: Not reported
Owner/Operator City,State,Zip: Not reported
Owner/Operator Telephone: Not reported
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator
Owner/Operator Name: HOME DEPOT USA INC
Legal Status: Private
Date Became Current: 2006-01-26 00:00:00.
Date Ended Current: Not reported
Owner/Operator Address: Not reported
Owner/Operator City,State,Zip: Not reported
Owner/Operator Telephone: Not reported
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: HOME DEPOT USA INC
Legal Status: Private
Date Became Current: 2006-01-26 00:00:00.
Date Ended Current: Not reported
Owner/Operator Address: 2455 PACES FERRY RD
Owner/Operator City,State,Zip: ATLANTA, GA 30339
Owner/Operator Telephone: Not reported
Owner/Operator Telephone Ext: Not reported

HOME DEPOT NO HD 1092 (Continued) **1009311755**

Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: HOME DEPOT USA
Legal Status: Private
Date Became Current: 2006-02-09 00:00:00.
Date Ended Current: Not reported
Owner/Operator Address: 2455 PACES FERRY RD
Owner/Operator City,State,Zip: ATLANTA, GA 30339
Owner/Operator Telephone: Not reported
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:
Receive Date: 2006-02-27 00:00:00.0
Handler Name: HOME DEPOT NO HD 1092
Federal Waste Generator Description: Small Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 2008-12-18 00:00:00.0
Handler Name: HOME DEPOT NO HD 1092
Federal Waste Generator Description: Small Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:
NAICS Code: 44411
NAICS Description: HOME CENTERS

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

FINDS:
Registry ID: 110055847927

HOME DEPOT NO HD 1092 (Continued) **1009311755**

Click Here:

Environmental Interest/Information System:
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.
STATE MASTER

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

H47 **PANDA EXPRESS #2212** **San Mateo Co. BI** **S117976160**
North **701 WESTLAKE** **N/A**
1/8-1/4 **DALY CITY, CA 94015**
0.163 mi.
859 ft. **Site 3 of 36 in cluster H**

Relative: **Lower**
Actual: **91 ft.**

San Mateo Co. BI:

Name:	PANDA EXPRESS #2212
Address:	701 WESTLAKE
City,State,Zip:	DALY CITY, CA 94015
Region:	SAN MATEO
Facility ID:	FA0052738
Prog Element Code:	STORES MV FUELS OR WASTE ONLY
Record Id:	PR0080579
Description:	STORES MV FUELS OR WASTE ONLY
Facility Status:	Active, billable
Program Category:	BUSINESS PLAN PROGRAM

I48 **DANIEL SALVEMINI** **RCRA NonGen / NLR** **1024765736**
West **180 WINDSOR DR** **CAC002985605**
1/8-1/4 **DALY CITY, CA 94015**
0.164 mi.
865 ft. **Site 2 of 2 in cluster I**

Relative: **Higher**
Actual: **145 ft.**

RCRA NonGen / NLR:

Date Form Received by Agency:		2018-10-19 00:00:00.0
Handler Name:	DANIEL SALVEMINI	
Handler Address:		180 WINDSOR DR
Handler City,State,Zip:		DALY CITY, CA 94015
EPA ID:		CAC002985605
Contact Name:		DANIEL SALVEMINI
Contact Address:		180 WINDSOR DR
Contact City,State,Zip:		DALY CITY, CA 94015
Contact Telephone:		650-773-2027
Contact Fax:		Not reported
Contact Email:		SARA.GOMEZ@SYNERGYCOMPANIES.ORG
Contact Title:		Not reported
EPA Region:		09
Land Type:		Not reported
Federal Waste Generator Description:		Not a generator, verified
Non-Notifier:		Not reported
Biennial Report Cycle:		Not reported
Accessibility:		Not reported

DANIEL SALVEMINI (Continued) **1024765736**

Active Site Indicator:	Handler Activities
State District Owner:	Not reported
State District:	Not reported
Mailing Address:	180 WINDSOR DR
Mailing City,State,Zip:	DALY CITY, CA 94015
Owner Name:	DANIEL SALVEMINI
Owner Type:	Other
Operator Name:	DANIEL SALVEMINI
Operator Type:	Other
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	Yes
Universal Waste Destination Facility:	Yes
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2018-11-20 16:30:02.0

DANIEL SALVEMINI (Continued) **1024765736**

Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Handler - Owner Operator:

Owner/Operator Indicator:	Operator
Owner/Operator Name:	DANIEL SALVEMINI
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	180 WINDSOR DR
Owner/Operator City,State,Zip:	DALY CITY, CA 94015
Owner/Operator Telephone:	650-773-2027
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	DANIEL SALVEMINI
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	180 WINDSOR DR
Owner/Operator City,State,Zip:	DALY CITY, CA 94015
Owner/Operator Telephone:	650-773-2027
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	2018-10-19 00:00:00.0
Handler Name: DANIEL SALVEMINI	
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

List of NAICS Codes and Descriptions:

NAICS Code:	56299
NAICS Description:	ALL OTHER WASTE MANAGEMENT SERVICES

Facility Has Received Notices of Violations:

Violations:	No Violations Found

DANIEL SALVEMINI (Continued) **1024765736**

Evaluation Action Summary:
Evaluations: No Evaluations Found

H49 **SAFEWAY 3031** **San Mateo Co. BI** **S117976155**
North **601 WESTLAKE** **N/A**
1/8-1/4 **DALY CITY, CA 94015**
0.165 mi.
869 ft. **Site 4 of 36 in cluster H**

Relative: San Mateo Co. BI:
Lower
Actual: Name: SAFEWAY 3031
91 ft. Address: 601 WESTLAKE
City,State,Zip: DALY CITY, CA 94015
Region: SAN MATEO
Facility ID: FA0051422
Prog Element Code: GENERATES <27 GAL/YEAR
Record Id: PR0071286
Description: GENERATES <27 GAL/YEAR
Facility Status: Active, billable
Program Category: HAZARDOUS WASTE PROGRAM

Name: SAFEWAY 3031
Address: 601 WESTLAKE
City,State,Zip: DALY CITY, CA 94015
Region: SAN MATEO
Facility ID: FA0051422
Prog Element Code: STORES HAZ MAT <219GAL,1,999LB, 879FT3
Record Id: PR0073516
Description: STORES HAZ MAT <219GAL,1,999LB, 879CF
Facility Status: Active, billable
Program Category: BUSINESS PLAN PROGRAM

H50 **SAFEWAY 3031** **CERS HAZ WASTE** **S121746302**
North **601 WESTLAKE CTR** **CERS** **N/A**
1/8-1/4 **DALY CITY, CA 94015**
0.165 mi.
869 ft. **Site 5 of 36 in cluster H**

Relative: CERS HAZ WASTE:
Lower
Actual: Name: SAFEWAY 3031
91 ft. Address: 601 WESTLAKE CTR
City,State,Zip: DALY CITY, CA 94015
Site ID: 150032
CERS ID: 10156497
CERS Description: Hazardous Waste Generator

CERS:
Name: SAFEWAY 3031
Address: 601 WESTLAKE CTR
City,State,Zip: DALY CITY, CA 94015
Site ID: 150032
CERS ID: 10156497
CERS Description: Chemical Storage Facilities

SAFEWAY 3031 (Continued) **S121746302**

Violations:

Site ID:	150032
Site Name:	Safeway 3031
Violation Date:	12-03-2019
Citation:	HSC 6.95 25505(a)(4) - California Health and Safety Code, Chapter 6.95, Section(s) 25505(a)(4)
Violation Description:	Failure to provide initial and annual training to all employees in safety procedures in the event of a release or threatened release of a hazardous material or failure to document and maintain training records for a minimum of three years.
Violation Notes:	Returned to compliance on 12/10/2019. Training records were unavailable at the time of the inspection. Submit training records to the inspector within the comply by date.
Violation Division:	San Mateo County Environmental Health
Violation Program:	HMRRP
Violation Source:	CERS

Site ID:	150032
Site Name:	Safeway 3031
Violation Date:	03-01-2016
Citation:	HSC 6.95 25505.1 - California Health and Safety Code, Chapter 6.95, Section(s) 25505.1
Violation Description:	Failure to notify property owner in writing that the business is subject to the business plan program and has complied with its provisions.
Violation Notes:	Returned to compliance on 03/22/2016. Documentation that the property owner has been notified that the facility is in the HMBP program and has complied could not be provided on site. Send notification to the property owner and submit documentation to the County within 30 days.
Violation Division:	San Mateo County Environmental Health
Violation Program:	HMRRP
Violation Source:	CERS

Site ID:	150032
Site Name:	Safeway 3031
Violation Date:	12-03-2019
Citation:	22 CCR 12 66262.40(a) - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.40(a)
Violation Description:	Failure to keep a copy of each properly signed manifest for at least three years from the date the waste was accepted by the initial transporter. The manifest signed at the time the waste was accepted for transport shall be kept until receiving a signed copy from the designated facility which received the waste.
Violation Notes:	Returned to compliance on 12/10/2019. Final manifest copies 020202655 JJK, 019865642 JJK, 020202091 JJK, 018586842 JJK, 018588552 JJK were unavailable at the time of the inspection. Submit missing copies to the inspector within the comply by date.
Violation Division:	San Mateo County Environmental Health
Violation Program:	HW
Violation Source:	CERS

Site ID:	150032
Site Name:	Safeway 3031
Violation Date:	03-01-2016
Citation:	22 CCR 12 66262.40(a) - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.40(a)
Violation Description:	Failure to maintain uniform hazardous waste manifest, consolidated

SAFEWAY 3031 (Continued) **S121746302**

manifest, or bills of lading copies for three years.

Violation Notes: Returned to compliance on 03/23/2016. Manifest #008517390 missing designated facility to generator copy. Facility must maintain a signed copies from the designated facility for 3 years. Submit copy of missing manifest to the County within 30 days
Violation Division: San Mateo County Environmental Health
Violation Program: HW
Violation Source: CERS

Site ID: 150032
Site Name: Safeway 3031
Violation Date: 03-01-2016
Citation: 22 CCR 12 66262.23(a) - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.23(a)
Violation Description: Failure to properly complete the Hazardous Waste manifest.
Violation Notes: Returned to compliance on 04/07/2016. Manifest #008517390 missing designated facility to generator copy. Manifest #008517536 missing initial copy. Facility must complete all hazardous waste manifests. Send documentation to the County within 30 days.
Violation Division: San Mateo County Environmental Health
Violation Program: HW
Violation Source: CERS

Site ID: 150032
Site Name: Safeway 3031
Violation Date: 03-01-2016
Citation: 22 CCR 23 66273.36 - California Code of Regulations, Title 22, Chapter 23, Section(s) 66273.36
Violation Description: Failure of the universal waste handler to initially train and provide annually, thereafter, all personnel who manage or who supervise those who manage universal wastes and to maintain a written record by date indicating the names of personnel who received the information. The universal waste handler shall maintain these records for at least three years from the date the person last managed any universal waste at the facility. This training shall include: 1) The types and hazards associated with the universal waste that personnel may manage at the facility; 2) The proper disposition of universal wastes managed at the facility; 3) The proper procedures for responding to releases of universal wastes including the position titles and the means of contacting those personnel at the facility who are designated to respond to reports of releases and/or to respond to questions received from other personnel at the facility; and 4) The applicable requirements of universal waste regarding labeling, collecting, handling, consolidating, and shipping universal wastes at the facility, including, but not limited to, the prohibition on the disposal of universal wastes, and for personnel involved in shipping universal wastes who are G hazmat employeesG .
Violation Notes: Returned to compliance on 03/01/2016. OBSERVATION: At the time of inspection, it could not be demonstrated (not necessarily documented) that employees who handle hazardous waste were properly trained. [Explain how you determined, who you "quizzed", etc.]. The generator must ensure that all employees who handle hazardous waste are thoroughly familiar with proper waste handling and emergency procedures. CORRECTIVE ACTION: Immediately provide training to all employees who handle hazardous waste and submit a copy of the training records to the County within 30 days.
Violation Division: San Mateo County Environmental Health

SAFEWAY 3031 (Continued) **S121746302**

Violation Program: HW
Violation Source: CERS

Site ID: 150032
Site Name: Safeway 3031
Violation Date: 03-01-2016
Citation: 40 CFR 1 262.34(d)(5)(iii) - U.S. Code of Federal Regulations, Title 40, Chapter 1, Section(s) 262.34(d)(5)(iii)
Violation Description: Failure to ensure employees are familiar with the handling and compliance of hazardous waste regulations and emergency response.
Violation Notes: Returned to compliance on 03/01/2016. OBSERVATION: At the time of inspection, it could not be demonstrated (not necessarily documented) that employees who handle hazardous waste were properly trained. [Explain how you determined, who you "quizzed", etc.]. The generator must ensure that all employees who handle hazardous waste are thoroughly familiar with proper waste handling and emergency procedures. CORRECTIVE ACTION: Immediately provide training to all employees who handle hazardous waste and submit a copy of the training records to the County within 30 days.
Violation Division: San Mateo County Environmental Health
Violation Program: HW
Violation Source: CERS

Site ID: 150032
Site Name: Safeway 3031
Violation Date: 03-01-2016
Citation: 22 CCR 12 66262.34(f) - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.34(f)
Violation Description: Failure to properly label hazardous waste accumulation containers with the following requirements: "Hazardous Waste", name and address of the generator, physical and chemical characteristics of the Hazardous Waste, and starting accumulation date.
Violation Notes: Returned to compliance on 03/01/2016. Old start accumulation date was written on the bins and was not changed to reflect current waste streams. Correct start accumulation date was written on bins at time of inspection. Corrected on site.
Violation Division: San Mateo County Environmental Health
Violation Program: HW
Violation Source: CERS

Site ID: 150032
Site Name: Safeway 3031
Violation Date: 03-01-2016
Citation: HSC 6.95 25505(a)(4) - California Health and Safety Code, Chapter 6.95, Section(s) 25505(a)(4)
Violation Description: Failure to provide initial and annual training to all employees in safety procedures in the event of a release or threatened release of a hazardous material or failure to document and maintain training records for a minimum of three years.
Violation Notes: Returned to compliance on 03/01/2016. Facility could not provide documentation that employees have been trained. Train employees on safety procedures OBSERVATION: [INITIAL / ANNUAL] training documentation for all applicable employees was not available. CORRECTIVE ACTION: Submit documentation to the County demonstrating that employees have received training on safe handling of hazardous materials and the Emergency Response Plan within 30 days.
Violation Division: San Mateo County Environmental Health

SAFEWAY 3031 (Continued) **S121746302**

Violation Program: HMRRP
Violation Source: CERS

Evaluation:
Eval General Type: Compliance Evaluation Inspection
Eval Date: 01-25-2018
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Hazardous materials above threshold : R-22 578 cubic feet R-507 16,920 cubic feet R-410A 259 cubic feet
Eval Division: San Mateo County Environmental Health
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 01-25-2018
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Hazardous waste streams include: Aerosols/flammables, state regulated/toxics, corrosive acids & bases, universal waste (electronics, bulbs, batteries, ect.)
Eval Division: San Mateo County Environmental Health
Eval Program: HW
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 02-11-2014
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: San Mateo County Environmental Health
Eval Program: HW
Eval Source: CERS

Eval General Type: Other/Unknown
Eval Date: 02-14-2019
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Not reported
Eval Division: San Mateo County Environmental Health
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Other/Unknown
Eval Date: 02-15-2018
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Not reported
Eval Division: San Mateo County Environmental Health
Eval Program: HW
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 03-01-2016
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Not reported

SAFEWAY 3031 (Continued) **S121746302**

Eval Division: San Mateo County Environmental Health
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 03-01-2016
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: San Mateo County Environmental Health
Eval Program: HW
Eval Source: CERS

Eval General Type: Other/Unknown
Eval Date: 03-03-2017
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Not reported
Eval Division: San Mateo County Environmental Health
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Other/Unknown
Eval Date: 03-17-2015
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Not reported
Eval Division: San Mateo County Environmental Health
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Other/Unknown
Eval Date: 03-18-2020
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Not reported
Eval Division: San Mateo County Environmental Health
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Other/Unknown
Eval Date: 04-06-2015
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Not reported
Eval Division: San Mateo County Environmental Health
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Other/Unknown
Eval Date: 07-19-2017
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Not reported
Eval Division: San Mateo County Environmental Health
Eval Program: HMRRP
Eval Source: CERS

SAFEWAY 3031 (Continued) **S121746302**

Eval General Type:	Other/Unknown
Eval Date:	07-23-2018
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Not reported
Eval Division:	San Mateo County Environmental Health
Eval Program:	HMRRP
Eval Source:	CERS

Eval General Type:	Compliance Evaluation Inspection
Eval Date:	12-03-2019
Violations Found:	Yes
Eval Type:	Routine done by local agency
Eval Notes:	Hazardous materials reported on CERS: R-22 578 cubic feet R-507 16,920 cubic feet R-410A 244 cubic feet
Eval Division:	San Mateo County Environmental Health
Eval Program:	HMRRP
Eval Source:	CERS

Eval General Type:	Compliance Evaluation Inspection
Eval Date:	12-03-2019
Violations Found:	Yes
Eval Type:	Routine done by local agency
Eval Notes:	Hazardous waste stream generated: Toxic/state regulated Flammables/aerosols Corrosives Oxidizers Universal waste
Eval Division:	San Mateo County Environmental Health
Eval Program:	HW
Eval Source:	CERS

Affiliation:

Affiliation Type Desc:	Parent Corporation
Entity Name:	Safeway, Inc.
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	Not reported

Affiliation Type Desc:	Document Preparer
Entity Name:	Keith Powers
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	Not reported

Affiliation Type Desc:	Environmental Contact
Entity Name:	Ron Lee
Entity Title:	Not reported
Affiliation Address:	5918 Stoneridge Mall Rd.
Affiliation City:	Pleasanton
Affiliation State:	CA
Affiliation Country:	Not reported

SAFEWAY 3031 (Continued) **S121746302**

Affiliation Zip:	94588
Affiliation Phone:	Not reported
Affiliation Type Desc:	Facility Mailing Address
Entity Name:	Mailing Address
Entity Title:	Not reported
Affiliation Address:	PO Box 29096, MS 6515
Affiliation City:	Phoenix
Affiliation State:	AZ
Affiliation Country:	Not reported
Affiliation Zip:	85038
Affiliation Phone:	Not reported
Affiliation Type Desc:	Identification Signer
Entity Name:	Ron Lee
Entity Title:	Environmental Manager
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	Not reported
Affiliation Type Desc:	Operator
Entity Name:	Safeway, Inc.
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	(925) 469-7000
Affiliation Type Desc:	CUPA District
Entity Name:	San Mateo County Environmental Health
Entity Title:	Not reported
Affiliation Address:	2000 Alameda de las Pulgas, Suite 100
Affiliation City:	San Mateo
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	94403
Affiliation Phone:	(650) 372-6200
Affiliation Type Desc:	Legal Owner
Entity Name:	Safeway, Inc.
Entity Title:	Not reported
Affiliation Address:	5918 Stoneridge Mall Rd.
Affiliation City:	Pleasanton
Affiliation State:	CA
Affiliation Country:	United States
Affiliation Zip:	94588
Affiliation Phone:	(925) 469-7000

H51 **SAFEWAY STORE #3031** **RCRA NonGen / NLR** **1024835027**
North **601 WESTLAKE CTR** **CAL000376440**
1/8-1/4 **DALY CITY, CA 94015**
0.165 mi.
869 ft. **Site 6 of 36 in cluster H**

Relative: **Lower**
Actual: **91 ft.**

RCRA NonGen / NLR:

Date Form Received by Agency:		2012-07-18 00:00:00.0
Handler Name:	SAFEWAY STORE #3031	
Handler Address:		601 WESTLAKE CTR
Handler City,State,Zip:		DALY CITY, CA 94015-1434
EPA ID:		CAL000376440
Contact Name:		SHARON SANGER
Contact Address:		250 E PARKCENTER BLVD
Contact City,State,Zip:		BOISE, ID 83706
Contact Telephone:		208-395-6150
Contact Fax:		623-336-6455
Contact Email:		SHARON.SANGER@SAFEWAY.COM
Contact Title:		Not reported
EPA Region:		09
Land Type:		Not reported
Federal Waste Generator Description:		Not a generator, verified
Non-Notifier:		Not reported
Biennial Report Cycle:		Not reported
Accessibility:		Not reported
Active Site Indicator:		Handler Activities
State District Owner:		Not reported
State District:		Not reported
Mailing Address:		250 E PARKCENTER BLVD
Mailing City,State,Zip:		BOISE, ID 83706-0000
Owner Name:		ALBERTSONS COMPANIES
Owner Type:		Other
Operator Name:		SHARON SANGER
Operator Type:		Other
Short-Term Generator Activity:		No
Importer Activity:		No
Mixed Waste Generator:		No
Transporter Activity:		No
Transfer Facility Activity:		No
Recycler Activity with Storage:		No
Small Quantity On-Site Burner Exemption:		No
Smelting Melting and Refining Furnace Exemption:		No
Underground Injection Control:		No
Off-Site Waste Receipt:		No
Universal Waste Indicator:		Yes
Universal Waste Destination Facility:		Yes
Federal Universal Waste:		No
Active Site Fed-Reg Treatment Storage and Disposal Facility:		Not reported
Active Site Converter Treatment storage and Disposal Facility:		Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:		Not reported
Active Site State-Reg Handler:		---
Federal Facility Indicator:		Not reported
Hazardous Secondary Material Indicator:		N
Sub-Part K Indicator:		Not reported
Commercial TSD Indicator:		No
Treatment Storage and Disposal Type:		Not reported
2018 GPRA Permit Baseline:		Not on the Baseline
2018 GPRA Renewals Baseline:		Not on the Baseline
Permit Renewals Workload Universe:		Not reported

SAFEWAY STORE #3031 (Continued) **1024835027**

Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2018-09-06 17:01:05.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name:	ALBERTSONS COMPANIES
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	250 E PARKCENTER BLVD
Owner/Operator City,State,Zip:	BOISE, ID 83706-0000
Owner/Operator Telephone:	208-395-6200
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	SHARON SANGER
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	250 E PARKCENTER BLVD
Owner/Operator City,State,Zip:	BOISE, ID 83706
Owner/Operator Telephone:	208-395-6150
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

SAFEWAY STORE #3031 (Continued) **1024835027**

Historic Generators:
Receive Date: 2012-07-18 00:00:00.0
Handler Name: SAFEWAY STORE #3031
Federal Waste Generator Description: Not a generator, verified
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:
NAICS Code: 45291
NAICS Description: WAREHOUSE CLUBS AND SUPERCENTERS

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

H52 **PETCO #5303** **San Mateo Co. BI** **S114561928**
North **432 WESTLAKE** **N/A**
1/8-1/4 **DALY CITY, CA 94015**
0.167 mi.
884 ft. **Site 7 of 36 in cluster H**

Relative: San Mateo Co. BI:
Lower
Name: PETCO #5303
Actual: Address: 432 WESTLAKE
91 ft. City,State,Zip: DALY CITY, CA 94015
Region: SAN MATEO
Facility ID: FA0054740
Prog Element Code: GENERATES <27 GAL/YEAR
Record Id: PR0075500
Description: GENERATES <27 GAL/YEAR
Facility Status: Active, billable
Program Category: HAZARDOUS WASTE PROGRAM

H53 **PETCO #5303** **CERS HAZ WASTE** **S121744885**
North **432 WESTLAKE CTR** **N/A**
1/8-1/4 **DALY CITY, CA 94015**
0.167 mi.
884 ft. **Site 8 of 36 in cluster H**

Relative: CERS HAZ WASTE:
Lower
Name: PETCO #5303
Actual: Address: 432 WESTLAKE CTR
91 ft. City,State,Zip: DALY CITY, CA 94015
Site ID: 142705

PETCO #5303 (Continued) **S121744885**

CERS ID: 10464598
CERS Description: Hazardous Waste Generator

Violations:
Site ID: 142705
Site Name: Petco #5303
Violation Date: 05-03-2016
Citation: 22 CCR 12 66262.34(f) - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.34(f)
Violation Description: Failure to properly label hazardous waste accumulation containers with the following requirements: "Hazardous Waste", name and address of the generator, physical and chemical characteristics of the Hazardous Waste, and starting accumulation date.
Violation Notes: Returned to compliance on 05/03/2016. Expired/damaged products bin missing hazardous properties and contents on label. CORRECTED ON SITE.
Violation Division: San Mateo County Environmental Health
Violation Program: HW
Violation Source: CERS

Site ID: 142705
Site Name: Petco #5303
Violation Date: 05-03-2016
Citation: 22 CCR 12 66262.40(a) - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.40(a)
Violation Description: Failure to maintain uniform hazardous waste manifest, consolidated manifest, or bills of lading copies for three years.
Violation Notes: Returned to compliance on 05/11/2016. Designated facility to generator copy was not available at the time of inspection for manifest #001009605 PSC 5/6/2015. Signed copies from the designated facility must be kept on site for 3 years. Submit missing copy to the County within 30 days.
Violation Division: San Mateo County Environmental Health
Violation Program: HW
Violation Source: CERS

Evaluation:
Eval General Type: Compliance Evaluation Inspection
Eval Date: 01-08-2014
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: San Mateo County Environmental Health
Eval Program: HW
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 05-03-2016
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: San Mateo County Environmental Health
Eval Program: HW
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 05-31-2018
Violations Found: No

PETCO #5303 (Continued) **S121744885**

Eval Type:	Routine done by local agency
Eval Notes:	Hazardous waste streams include damaged consumer goods such as flea and tick medications, vitamins, stain and odor products, and universal waste. Toxics, flammables, corrosives.
Eval Division:	San Mateo County Environmental Health
Eval Program:	HW
Eval Source:	CERS
Eval General Type:	Other/Unknown
Eval Date:	06-08-2018
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Not reported
Eval Division:	San Mateo County Environmental Health
Eval Program:	HW
Eval Source:	CERS

Affiliation:

Affiliation Type Desc:	CUPA District
Entity Name:	San Mateo County Environmental Health
Entity Title:	Not reported
Affiliation Address:	2000 Alameda de las Pulgas, Suite 100
Affiliation City:	San Mateo
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	94403
Affiliation Phone:	(650) 372-6200
Affiliation Type Desc:	Facility Mailing Address
Entity Name:	Mailing Address
Entity Title:	Not reported
Affiliation Address:	654 Richland Hills Drive
Affiliation City:	San Antonio
Affiliation State:	TX
Affiliation Country:	Not reported
Affiliation Zip:	78245
Affiliation Phone:	Not reported
Affiliation Type Desc:	Identification Signer
Entity Name:	Amy Ebersole-Martinez
Entity Title:	Mgr, Envrnmtl, Safety & Health
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	Not reported
Affiliation Type Desc:	Document Preparer
Entity Name:	Daniel Landeros
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	Not reported

PETCO #5303 (Continued) **S121744885**

Affiliation Type Desc:	Legal Owner
Entity Name:	Petco Animal Supplies, Inc.
Entity Title:	Not reported
Affiliation Address:	654 Richland Hills Drive
Affiliation City:	San Antonio
Affiliation State:	TX
Affiliation Country:	United States
Affiliation Zip:	78245
Affiliation Phone:	(210) 201-9217

Affiliation Type Desc:	Parent Corporation
Entity Name:	Petco Animal Supplies, Inc.
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	Not reported

Affiliation Type Desc:	Environmental Contact
Entity Name:	Daniel Landeros
Entity Title:	Not reported
Affiliation Address:	654 Richland Hills Drive
Affiliation City:	San Antonio
Affiliation State:	TX
Affiliation Country:	Not reported
Affiliation Zip:	78245
Affiliation Phone:	Not reported

Affiliation Type Desc:	Operator
Entity Name:	Petco #5303
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	(210) 201-9217

H54 **PETCO STORE #5303** **RCRA NonGen / NLR** **1024840004**
North **432 WESTLAKE CTR** **CAL000388311**
1/8-1/4 **DALY CITY, CA 94015**
0.167 mi.
884 ft. **Site 9 of 36 in cluster H**

Relative: RCRA NonGen / NLR:
Lower

Actual: Date Form Received by Agency:		2013-08-06 00:00:00.0
91 ft. Handler Name:	PETCO STORE #5303	
Handler Address:		432 WESTLAKE CTR
Handler City,State,Zip:		DALY CITY, CA 94015-1432
EPA ID:		CAL000388311
Contact Name:		AMY EBERSOLE-MARTINEZ
Contact Address:		654 RICHLAND HILLS
Contact City,State,Zip:		SAN ANTONIO, TX 78245-0000
Contact Telephone:		858-761-5359
Contact Fax:		858-882-8686

PETCO STORE #5303 (Continued) **1024840004**

Contact Email:	SAFETY@PETCO.COM
Contact Title:	Not reported
EPA Region:	09
Land Type:	Not reported
Federal Waste Generator Description:	Not a generator, verified
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Handler Activities
State District Owner:	Not reported
State District:	Not reported
Mailing Address:	654 RICHLAND HILLS
Mailing City,State,Zip:	SAN ANTONIO, TX 78245
Owner Name:	PETCO ANIMALS SUPPLIES INC
Owner Type:	Other
Operator Name:	AMY EBERSOLE-MARTINEZ
Operator Type:	Other
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	Yes
Universal Waste Destination Facility:	Yes
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A

PETCO STORE #5303 (Continued) **1024840004**

Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2018-09-06 17:02:55.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Handler - Owner Operator:

Owner/Operator Indicator:	Operator
Owner/Operator Name:	AMY EBERSOLE-MARTINEZ
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	654 RICHLAND HILLS
Owner/Operator City,State,Zip:	SAN ANTONIO, TX 78245-0000
Owner/Operator Telephone:	858-761-5359
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	PETCO ANIMALS SUPPLIES INC
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	654 RICHLAND HILLS
Owner/Operator City,State,Zip:	SAN ANTONIO, TX 78245
Owner/Operator Telephone:	858-201-9217
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	2013-08-06 00:00:00.0
Handler Name: PETCO STORE #5303	
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

PETCO STORE #5303 (Continued) **1024840004**

List of NAICS Codes and Descriptions:
NAICS Code: 54189
NAICS Description: OTHER SERVICES RELATED TO ADVERTISING

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

H55 **PENINSULA DENTAL CENTER** **San Mateo Co. BI** **S123182244**
North **406 WESTLAKE** **N/A**
1/8-1/4 **DALY CITY, CA 94015**
0.168 mi.
887 ft. **Site 10 of 36 in cluster H**

Relative: **Lower**
Actual: **91 ft.**

San Mateo Co. BI:
Name: PENINSULA DENTAL CENTER
Address: 406 WESTLAKE
City,State,Zip: DALY CITY, CA 94015
Region: SAN MATEO
Facility ID: FA0035056
Prog Element Code: SML QUANTITY GENERATOR(1-199lbs/Mo) OFF-SITE
Record Id: PR0053034
Description: SQG OFF-SITE TREATMENT (1-199 LB/MO)
Facility Status: Inactive, non-billable
Program Category: MEDICAL WASTE

Name: PENINSULA DENTAL CENTER
Address: 406 WESTLAKE
City,State,Zip: DALY CITY, CA 94015
Region: SAN MATEO
Facility ID: FA0035056
Prog Element Code: 4513
Record Id: PR0053035
Description: SQG PHOTO WASTE (<100KG/MO)
Facility Status: Inactive, non-billable
Program Category: MEDICAL WASTE

H56 **COST PLUS INC #6261** **RCRA NonGen / NLR** **1024839794**
North **423 WESTLAKE CTR** **CAL000388090**
1/8-1/4 **DALY CITY, CA 94015**
0.168 mi.
887 ft. **Site 11 of 36 in cluster H**

Relative: **Lower**
Actual: **91 ft.**

RCRA NonGen / NLR:
Date Form Received by Agency: 2013-08-05 00:00:00.0
Handler Name: COST PLUS INC #6261
Handler Address: 423 WESTLAKE CTR
Handler City,State,Zip: DALY CITY, CA 94015
EPA ID: CAL000388090
Contact Name: ASHLEY CAMPBELL
Contact Address: 5151 SAN FELIPE ST, STE 1000
Contact City,State,Zip: HOUSTON, TX 77056

COST PLUS INC #6261 (Continued) **1024839794**

Contact Telephone:	713-985-5472
Contact Fax:	713-583-0614
Contact Email:	ASHLEY.CAMPBELL@STERICYCLE.COM
Contact Title:	Not reported
EPA Region:	09
Land Type:	Not reported
Federal Waste Generator Description:	Not a generator, verified
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Handler Activities
State District Owner:	Not reported
State District:	Not reported
Mailing Address:	5151 SAN FELIPE ST STE 1000
Mailing City,State,Zip:	HOUSTON, TX 77056
Owner Name:	COST PLUS INC
Owner Type:	Other
Operator Name:	ASHLEY CAMPBELL
Operator Type:	Other
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	Yes
Universal Waste Destination Facility:	Yes
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No

COST PLUS INC #6261 (Continued) **1024839794**

Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2018-09-06 17:02:51.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Handler - Owner Operator:

Owner/Operator Indicator:	Operator
Owner/Operator Name:	ASHLEY CAMPBELL
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	5151 SAN FELIPE ST, STE 1000
Owner/Operator City,State,Zip:	HOUSTON, TX 77056
Owner/Operator Telephone:	713-985-5472
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	COST PLUS INC
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1201 MARINA VALLEY PARKWAY
Owner/Operator City,State,Zip:	ALAMEDA, CA 94501-0000
Owner/Operator Telephone:	510-808-9263
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	2013-08-05 00:00:00.0
Handler Name: COST PLUS INC #6261	
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	Not reported

COST PLUS INC #6261 (Continued) **1024839794**

Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:
NAICS Code: 442299
NAICS Description: ALL OTHER HOME FURNISHINGS STORES

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

H57 **COST PLUS #6261** **San Mateo Co. BI** **S121021147**
North **423 WESTLAKE** **N/A**
1/8-1/4 **DALY CITY, CA 94015**
0.168 mi.
887 ft. **Site 12 of 36 in cluster H**

Relative: **Lower**
Actual: **91 ft.**

San Mateo Co. BI:
Name: COST PLUS #6261
Address: 423 WESTLAKE
City,State,Zip: DALY CITY, CA 94015
Region: SAN MATEO
Facility ID: FA0028530
Prog Element Code: GENERATES <27 GAL/YEAR
Record Id: PR0084508
Description: GENERATES <27 GAL/YEAR
Facility Status: Inactive, non-billable
Program Category: HAZARDOUS WASTE PROGRAM

H58 **TRADER JOE'S STORE #074** **CERS HAZ WASTE** **S121779226**
North **417 WESTLAKE CTR** **CERS** **N/A**
1/8-1/4 **DALY CITY, CA 94015**
0.168 mi.
888 ft. **Site 13 of 36 in cluster H**

Relative: **Lower**
Actual: **91 ft.**

CERS HAZ WASTE:
Name: TRADER JOE'S STORE #074
Address: 417 WESTLAKE CTR
City,State,Zip: DALY CITY, CA 94015
Site ID: 414915
CERS ID: 10718986
CERS Description: Hazardous Waste Generator

CERS:
Name: TRADER JOE'S STORE #074
Address: 417 WESTLAKE CTR
City,State,Zip: DALY CITY, CA 94015
Site ID: 414915
CERS ID: 10718986
CERS Description: Chemical Storage Facilities

Violations:
Site ID: 414915

TRADER JOE'S STORE #074 (Continued) **S121779226**

Site Name:	Trader Joe's Store #074
Violation Date:	11-10-2016
Citation:	HSC 6.95 25507 - California Health and Safety Code, Chapter 6.95, Section(s) 25507
Violation Description:	Failure to adequately establish and implement a business plan when storing/handling a hazardous material at or above reportable quantities.
Violation Notes:	Returned to compliance on 12/14/2016. OBSERVATION: A business plan has not been received by the County. CORRECTIVE ACTION: Submit the business plan electronically in the California Environmental Reporting System (CERS) and implement immediately.
Violation Division:	San Mateo County Environmental Health
Violation Program:	HMRRP
Violation Source:	CERS
Site ID:	414915
Site Name:	Trader Joe's Store #074
Violation Date:	11-10-2016
Citation:	HSC 6.95 25505.1 - California Health and Safety Code, Chapter 6.95, Section(s) 25505.1
Violation Description:	Failure to notify property owner in writing that the business is subject to the business plan program and has complied with its provisions.
Violation Notes:	Returned to compliance on 02/02/2017. OBSERVATION: Failure to notify property owner in writing that the business is subject to the business plan program and has complied with its provisions. CORRECTIVE ACTION: Provide verification to the County that the property owner has been properly notified.
Violation Division:	San Mateo County Environmental Health
Violation Program:	HMRRP
Violation Source:	CERS
Site ID:	414915
Site Name:	Trader Joe's Store #074
Violation Date:	11-10-2016
Citation:	HSC 6.95 25505(a)(4) - California Health and Safety Code, Chapter 6.95, Section(s) 25505(a)(4)
Violation Description:	Failure to provide initial and annual training to all employees in safety procedures in the event of a release or threatened release of a hazardous material or failure to document and maintain training records for a minimum of three years.
Violation Notes:	Returned to compliance on 03/01/2017. OBSERVATION: [INITIAL / ANNUAL] training documentation for all applicable employees was not available. CORRECTIVE ACTION: Submit documentation to the County demonstrating that employees have received training on safe handling of hazardous materials and the Emergency Response Plan.
Violation Division:	San Mateo County Environmental Health
Violation Program:	HMRRP
Violation Source:	CERS
Site ID:	414915
Site Name:	Trader Joe's Store #074
Violation Date:	11-01-2018
Citation:	HSC 6.95 25508.1(a)-(f) - California Health and Safety Code, Chapter 6.95, Section(s) 25508.1(a)-(f)
Violation Description:	Failure to electronically update business plan within 30 days of any one of the following events: A 100 percent or more increase in the

TRADER JOE'S STORE #074 (Continued) **S121779226**

quantity of a previously disclosed material. Any handling of a previously undisclosed hazardous materials at or above reportable quantities. A change of business address, business ownership, or business name. A substantial change in the handler's operations that requires modification to any portion of the business plan.

Violation Notes: Returned to compliance on 12/02/2018. Primary emergency contact needs to be updated. Update emergency contact on CERS by the comply by date.
Violation Division: San Mateo County Environmental Health
Violation Program: HMRRP
Violation Source: CERS

Site ID: 414915
Site Name: Trader Joe's Store #074
Violation Date: 11-01-2018
Citation: HSC 6.95 25505(a)(4) - California Health and Safety Code, Chapter 6.95, Section(s) 25505(a)(4)
Violation Description: Failure to provide initial and annual training to all employees in safety procedures in the event of a release or threatened release of a hazardous material or failure to document and maintain training records for a minimum of three years.
Violation Notes: Returned to compliance on 06/19/2019. 2018 employee training was not available at the time of the inspection for around half of the employees, submit within the comply by date.
Violation Division: San Mateo County Environmental Health
Violation Program: HMRRP
Violation Source: CERS

Evaluation:
Eval General Type: Other/Unknown
Eval Date: 01-17-2018
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Not reported
Eval Division: San Mateo County Environmental Health
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Other/Unknown
Eval Date: 01-21-2020
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Not reported
Eval Division: San Mateo County Environmental Health
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Other/Unknown
Eval Date: 02-11-2019
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Not reported
Eval Division: San Mateo County Environmental Health
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Other/Unknown
Eval Date: 05-10-2019

TRADER JOE'S STORE #074 (Continued) **S121779226**

Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Came to facility for reinspection. Facility has started training employees and should have all employees trained by 6/10/19.
Eval Division:	San Mateo County Environmental Health
Eval Program:	HMRRP
Eval Source:	CERS
Eval General Type:	Other/Unknown
Eval Date:	05-11-2020
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Not reported
Eval Division:	San Mateo County Environmental Health
Eval Program:	HMRRP
Eval Source:	CERS
Eval General Type:	Other/Unknown
Eval Date:	05-14-2018
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Not reported
Eval Division:	San Mateo County Environmental Health
Eval Program:	HMRRP
Eval Source:	CERS
Eval General Type:	Other/Unknown
Eval Date:	09-18-2018
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Not reported
Eval Division:	San Mateo County Environmental Health
Eval Program:	HMRRP
Eval Source:	CERS
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	11-01-2018
Violations Found:	Yes
Eval Type:	Routine done by local agency
Eval Notes:	Hazardous materials above threshold: R-22 112.7 gallons Facility is a VSQG and will be added to the hazardous waste program. Hazardous waste inspection conducted on site and will be filled out at the office and sent to the facility via email. No violations were noted for the hazardous waste program, 2 violations for the HMBP program.
Eval Division:	San Mateo County Environmental Health
Eval Program:	HMRRP
Eval Source:	CERS
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	11-05-2018
Violations Found:	No
Eval Type:	Routine done by local agency
Eval Notes:	Inspection report completed at the office after the hazardous waste program has been assigned. Hazardous waste steams generated: Batteries Damaged consumer good in 5 gallon bucket, state regulated, toxics, and flammable wastes are generated.
Eval Division:	San Mateo County Environmental Health

TRADER JOE'S STORE #074 (Continued) **S121779226**

Eval Program: HW
Eval Source: CERS

Eval General Type: Other/Unknown
Eval Date: 11-07-2018
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Not reported
Eval Division: San Mateo County Environmental Health
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 11-10-2016
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: San Mateo County Environmental Health
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Other/Unknown
Eval Date: 12-13-2016
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Not reported
Eval Division: San Mateo County Environmental Health
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Other/Unknown
Eval Date: 12-14-2016
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Not reported
Eval Division: San Mateo County Environmental Health
Eval Program: HMRRP
Eval Source: CERS

Enforcement Action:
Site ID: 414915
Site Name: Trader Joe's Store #074
Site Address: 417 WESTLAKE CTR
Site City: DALY CITY
Site Zip: 94015
Enf Action Date: 02-14-2017
Enf Action Type: Notice of Violation (Unified Program)
Enf Action Description: Notice of Violation Issued by the Inspector at the Time of Inspection
Enf Action Notes: 3/1/2017: Facility marked complied 2/28/17 - employee training was sent, copy is located in facility folder.
Enf Action Division: San Mateo County Environmental Health
Enf Action Program: HMRRP
Enf Action Source: CERS

Site ID: 414915
Site Name: Trader Joe's Store #074
Site Address: 417 WESTLAKE CTR

TRADER JOE'S STORE #074 (Continued) **S121779226**

Site City:	DALY CITY
Site Zip:	94015
Enf Action Date:	12-21-2018
Enf Action Type:	Notice of Violation (Unified Program)
Enf Action Description:	Notice of Violation Issued by the Inspector at the Time of Inspection
Enf Action Notes:	NOV letter delvered 1/04/2019. 6/19/19: training recieved.
Enf Action Division:	San Mateo County Environmental Health
Enf Action Program:	HMRRP
Enf Action Source:	CERS

Affiliation:

Affiliation Type Desc:	Environmental Contact
Entity Name:	Tim Rumble
Entity Title:	Not reported
Affiliation Address:	P.O. Box 5049
Affiliation City:	Monrovia
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	91017
Affiliation Phone:	Not reported

Affiliation Type Desc:	Facility Mailing Address
Entity Name:	Mailing Address
Entity Title:	Not reported
Affiliation Address:	P.O. Box 8000
Affiliation City:	Monsey
Affiliation State:	NY
Affiliation Country:	Not reported
Affiliation Zip:	10952
Affiliation Phone:	Not reported

Affiliation Type Desc:	CUPA District
Entity Name:	San Mateo County Environmental Health
Entity Title:	Not reported
Affiliation Address:	2000 Alameda de las Pulgas, Suite 100
Affiliation City:	San Mateo
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	94403
Affiliation Phone:	(650) 372-6200

Affiliation Type Desc:	Parent Corporation
Entity Name:	TRADER JOE'S
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	Not reported

Affiliation Type Desc:	Document Preparer
Entity Name:	Michael Davidek
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported

TRADER JOE'S STORE #074 (Continued) **S121779226**

Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	Not reported
Affiliation Type Desc:	Identification Signer
Entity Name:	Dave Hetzel
Entity Title:	Director of Facilities
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	Not reported
Affiliation Type Desc:	Legal Owner
Entity Name:	Trader Joe's Company
Entity Title:	Not reported
Affiliation Address:	P.O. Box 8000
Affiliation City:	Monsey
Affiliation State:	NY
Affiliation Country:	United States
Affiliation Zip:	10952
Affiliation Phone:	(626) 599-3700
Affiliation Type Desc:	Operator
Entity Name:	Trader Joe's Company
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	(626) 599-3700

H59 **TRADER JOES 074** **RCRA NonGen / NLR** **1024866832**
North **417 WESTLAKE CENTER** **CAL000435423**
1/8-1/4 **DALY CITY, CA 94015**
0.168 mi.
888 ft. **Site 14 of 36 in cluster H**

Relative: RCRA NonGen / NLR:
Lower

Date Form Received by Agency:		2018-04-30 00:00:00.0
Handler Name:	TRADER JOES 074	
Handler Address:		417 WESTLAKE CENTER
Handler City,State,Zip:		DALY CITY, CA 94015
EPA ID:		CAL000435423
Contact Name:		TRADER JOES FACILITIES DEPT
Contact Address:		PO BOX 5049
Contact City,State,Zip:		MONROVIA, CA 91016
Contact Telephone:		626-803-5207
Contact Fax:		626-599-2923
Contact Email:		FACILITIESDEPARTMENT@TRADERJOES.COM
Contact Title:		Not reported
EPA Region:		09
Land Type:		Not reported
Federal Waste Generator Description:		Not a generator, verified
Non-Notifier:		Not reported

Actual:
91 ft.

TRADER JOES 074 (Continued) **1024866832**

Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Handler Activities
State District Owner:	Not reported
State District:	Not reported
Mailing Address:	PO BOX 5049
Mailing City,State,Zip:	MONROVIA, CA 91016
Owner Name:	TRADER JOES COMPANY
Owner Type:	Other
Operator Name:	TRADER JOES FACILITIES DEPT
Operator Type:	Other
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	Yes
Universal Waste Destination Facility:	Yes
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No

TRADER JOES 074 (Continued) **1024866832**

Financial Assurance Required:	Not reported
Handler Date of Last Change:	2018-09-07 19:37:59.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name:	TRADER JOES COMPANY
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 5049
Owner/Operator City,State,Zip:	MONROVIA, CA 91016
Owner/Operator Telephone:	626-803-5207
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	TRADER JOES FACILITIES DEPT
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 5049
Owner/Operator City,State,Zip:	MONROVIA, CA 91016
Owner/Operator Telephone:	626-803-5207
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	2018-04-30 00:00:00.0
Handler Name: TRADER JOES 074	
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

List of NAICS Codes and Descriptions:

NAICS Code:	445110
NAICS Description:	SUPERMARKETS AND OTHER GROCERY (EXCEPT CONVENIENCE) STORES

Facility Has Received Notices of Violations:

TRADER JOES 074 (Continued) **1024866832**

Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

H60 **TRADER JOE'S STORE #074** **San Mateo Co. BI** **S119781600**
North **417 WESTLAKE** **N/A**
1/8-1/4 **DALY CITY, CA 94015**
0.168 mi.
888 ft. **Site 15 of 36 in cluster H**

Relative: San Mateo Co. BI:
Lower
Actual: Name: TRADER JOE'S STORE #074
91 ft. Address: 417 WESTLAKE
City,State,Zip: DALY CITY, CA 94015
Region: SAN MATEO
Facility ID: FA0028275
Prog Element Code: STORES MV FUELS OR WASTE ONLY
Record Id: PR0083785
Description: STORES MV FUELS OR WASTE ONLY
Facility Status: Active, billable
Program Category: BUSINESS PLAN PROGRAM

Name: TRADER JOE'S STORE #074
Address: 417 WESTLAKE
City,State,Zip: DALY CITY, CA 94015
Region: SAN MATEO
Facility ID: FA0028275
Prog Element Code: GENERATES <27 GAL/YEAR
Record Id: PR0088118
Description: GENERATES <27 GAL/YEAR
Facility Status: Inactive, non-billable
Program Category: HAZARDOUS WASTE PROGRAM

H61 **ROSS DRESS FOR LESS #1355** **San Mateo Co. BI** **S117398546**
North **405 WESTLAKE** **N/A**
1/8-1/4 **DALY CITY, CA 94015**
0.168 mi.
889 ft. **Site 16 of 36 in cluster H**

Relative: San Mateo Co. BI:
Lower
Actual: Name: ROSS DRESS FOR LESS #1355
91 ft. Address: 405 WESTLAKE
City,State,Zip: DALY CITY, CA 94015
Region: SAN MATEO
Facility ID: FA0044797
Prog Element Code: GENERATES <27 GAL/YEAR
Record Id: PR0078115
Description: GENERATES <27 GAL/YEAR
Facility Status: Active, billable
Program Category: HAZARDOUS WASTE PROGRAM

H62 **ROSS DRESS FOR LESS #1355** **CERS HAZ WASTE** **S118236381**
North **405 WESTLAKE CTR** **HAZNET** **N/A**
1/8-1/4 **DALY CITY, CA 94015** **HWTS**
0.168 mi.
889 ft. **Site 17 of 36 in cluster H**

Relative:
Lower

Actual:
91 ft.

CERS HAZ WASTE:
Name: ROSS DRESS FOR LESS #1355
Address: 405 WESTLAKE CTR
City,State,Zip: DALY CITY, CA 94015
Site ID: 62995
CERS ID: 10509499
CERS Description: Hazardous Waste Generator

Violations:
Site ID: 62995
Site Name: Ross Dress For Less #1355
Violation Date: 10-08-2014
Citation: 22 CCR 12 66262.34(f) - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.34(f)
Violation Description: Failure to properly label hazardous waste accumulation containers with the following requirements: "Hazardous Waste", name and address of the generator, physical and chemical characteristics of the Hazardous Waste, and starting accumulation date.
Violation Notes: Returned to compliance on 12/15/2014.
Violation Division: San Mateo County Environmental Health
Violation Program: HW
Violation Source: CERS

Site ID: 62995
Site Name: Ross Dress For Less #1355
Violation Date: 10-11-2018
Citation: 22 CCR 12 66262.40(a) - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.40(a)
Violation Description: Failure to keep a copy of each properly signed manifest for at least three years from the date the waste was accepted by the initial transporter. The manifest signed at the time the waste was accepted for transport shall be kept until receiving a signed copy from the designated facility which received the waste.
Violation Notes: Returned to compliance on 10/15/2018. Signed copies for manifest numbers 001894529 PSC, 001729260 PSC, AND 001592527 PSC were not available at the time of the inspection. Submit missing copies to the inspector within the comply by date.
Violation Division: San Mateo County Environmental Health
Violation Program: HW
Violation Source: CERS

Site ID: 62995
Site Name: Ross Dress For Less #1355
Violation Date: 10-06-2016
Citation: 22 CCR 12 66262.40(a) - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.40(a)
Violation Description: Failure to keep a copy of each properly signed manifest for at least three years from the date the waste was accepted by the initial transporter. The manifest signed at the time the waste was accepted for transport shall be kept until receiving a signed copy from the designated facility which received the waste.
Violation Notes: Returned to compliance on 12/22/2016. OBSERVATION: Manifest number 001308886 PSC was found without a signed off copy from the destination facility. Hazardous waste generators shall retain copies of all

ROSS DRESS FOR LESS #1355 (Continued) **S118236381**

manifests signed off by the destination facility on site for three years and have them readily available for review. CORRECTIVE ACTION: Immediately locate a copy of the missing manifest and submit a copy to the County within 30 days.
Violation Division: San Mateo County Environmental Health
Violation Program: HW
Violation Source: CERS

Site ID: 62995
Site Name: Ross Dress For Less #1355
Violation Date: 10-08-2014
Citation: 40 CFR 1 265.32 - U.S. Code of Federal Regulations, Title 40, Chapter 1, Section(s) 265.32
Violation Description: Failure of the facility to maintain the following emergency equipment or equivalents: 1) An internal communications or alarm system capable of providing immediate emergency instruction (voice or signal) to facility personnel; 2) A device, such as a telephone (immediately available at the scene of Operations/ Maintenance) or a hand-held two-way radio, capable of summoning emergency assistance from local police departments, fire departments, or State or local emergency response teams; 3) Portable fire extinguishers, fire control equipment (including special extinguishing equipment, such as that using foam, inert gas, or dry chemicals), spill control equipment, and decontamination equipment; and 4) Water at adequate volume and pressure to supply water hose streams, or foam producing equipment, or automatic sprinklers, or water spray systems.
Violation Notes: Returned to compliance on 12/15/2014.
Violation Division: San Mateo County Environmental Health
Violation Program: HW
Violation Source: CERS

Site ID: 62995
Site Name: Ross Dress For Less #1355
Violation Date: 10-06-2016
Citation: 22 CCR 18 66268.7(a) - California Code of Regulations, Title 22, Chapter 18, Section(s) 66268.7(a)
Violation Description: Failure to determine if the waste has to be treated before it can be land disposed and retain the documentation at least three years from the date that the waste was last sent to on-site or off-site treatment, storage, or disposal.
Violation Notes: Returned to compliance on 12/22/2016. LDR missing for manifest# 001308886 PSC. Submit a copy of the missing LDR to the County within 30 days.
Violation Division: San Mateo County Environmental Health
Violation Program: HW
Violation Source: CERS

Site ID: 62995
Site Name: Ross Dress For Less #1355
Violation Date: 10-08-2014
Citation: 22 CCR 12 66262.40(c) - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.40(c)
Violation Description: Failure to determine if the waste generated is a hazardous waste and to maintain analysis results for three years.
Violation Notes: Returned to compliance on 12/15/2014.
Violation Division: San Mateo County Environmental Health
Violation Program: HW

ROSS DRESS FOR LESS #1355 (Continued) **S118236381**

Violation Source: CERS

Site ID: 62995
Site Name: Ross Dress For Less #1355
Violation Date: 10-08-2014
Citation: 22 CCR 15 66265.16 - California Code of Regulations, Title 22, Chapter 15, Section(s) 66265.16
Violation Description: Failure to provide employees within the first six months after the date of their employment, or assignment to the facility, or to work unsupervised, or to a new position at a facility with hazardous waste training to ensure employees are competent in the following areas: hazardous waste management procedures (including contingency plan implementation) relevant to the positions in which they are employed, emergency response and emergency equipment, and procedures for using, inspecting, repairing, and replacing facility emergency and monitoring equipment. In addition, the owner/operator shall ensure facility personnel take part in an annual review of the initial training and training records training records on current personnel shall be kept until closure of the facility. Training records on former employees shall be kept for at least three years from the date the employee last worked at the facility. The records shall include the following: the job title for each position at the facility related to hazardous waste management, and the name of the employee filling each job; a written job description for each position, duties of facility personnel assigned to each position, and a written description of the type and amount of both introductory and continuing training that will be given to each person filling a position.
Violation Notes: Returned to compliance on 12/15/2014.
Violation Division: San Mateo County Environmental Health
Violation Program: HW
Violation Source: CERS

Evaluation:
Eval General Type: Other/Unknown
Eval Date: 02-07-2019
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Not reported
Eval Division: San Mateo County Environmental Health
Eval Program: HW
Eval Source: CERS

Eval General Type: Other/Unknown
Eval Date: 02-27-2018
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Not reported
Eval Division: San Mateo County Environmental Health
Eval Program: HW
Eval Source: CERS

Eval General Type: Other/Unknown
Eval Date: 02-28-2017
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Not reported
Eval Division: San Mateo County Environmental Health

ROSS DRESS FOR LESS #1355 (Continued) **S118236381**

Eval Program: HW
Eval Source: CERS

Eval General Type: Other/Unknown
Eval Date: 03-09-2015
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Not reported
Eval Division: San Mateo County Environmental Health
Eval Program: HW
Eval Source: CERS

Eval General Type: Other/Unknown
Eval Date: 03-24-2020
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: 3/23
Eval Division: San Mateo County Environmental Health
Eval Program: HW
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 10-06-2016
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: San Mateo County Environmental Health
Eval Program: HW
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 10-08-2014
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: San Mateo County Environmental Health
Eval Program: HW
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 10-11-2018
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Hazardous waste streams generated: Damaged consumer goods: toxics, flammables, aerosols, corrosives Universal waste, electronic waste
Eval Division: San Mateo County Environmental Health
Eval Program: HW
Eval Source: CERS

Eval General Type: Other/Unknown
Eval Date: 12-15-2014
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Not reported
Eval Division: San Mateo County Environmental Health
Eval Program: HW
Eval Source: CERS

ROSS DRESS FOR LESS #1355 (Continued) **S118236381**

Enforcement Action:

Site ID:	62995
Site Name:	Ross Dress For Less #1355
Site Address:	405 WESTLAKE CTR
Site City:	DALY CITY
Site Zip:	94015
Enf Action Date:	10-08-2014
Enf Action Type:	Notice of Violation (Unified Program)
Enf Action Description:	Notice of Violation Issued by the Inspector at the Time of Inspection
Enf Action Notes:	Not reported
Enf Action Division:	San Mateo County Environmental Health
Enf Action Program:	HW
Enf Action Source:	CERS

Site ID:	62995
Site Name:	Ross Dress For Less #1355
Site Address:	405 WESTLAKE CTR
Site City:	DALY CITY
Site Zip:	94015
Enf Action Date:	12-08-2016
Enf Action Type:	Notice of Violation (Unified Program)
Enf Action Description:	Notice of Violation Issued by the Inspector at the Time of Inspection
Enf Action Notes:	Not reported
Enf Action Division:	San Mateo County Environmental Health
Enf Action Program:	HW
Enf Action Source:	CERS

Affiliation:

Affiliation Type Desc:	CUPA District
Entity Name:	San Mateo County Environmental Health
Entity Title:	Not reported
Affiliation Address:	2000 Alameda de las Pulgas, Suite 100
Affiliation City:	San Mateo
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	94403
Affiliation Phone:	(650) 372-6200

Affiliation Type Desc:	Environmental Contact
Entity Name:	ASHLEY CAMPBELL
Entity Title:	Not reported
Affiliation Address:	5151 San Felipe St, Suite 1000
Affiliation City:	HOUSTON
Affiliation State:	TX
Affiliation Country:	Not reported
Affiliation Zip:	77056
Affiliation Phone:	Not reported

Affiliation Type Desc:	Facility Mailing Address
Entity Name:	Mailing Address
Entity Title:	Not reported
Affiliation Address:	5130 Hacienda Dr
Affiliation City:	Dublin
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	94568-7579

ROSS DRESS FOR LESS #1355 (Continued) **S118236381**

Affiliation Phone: Not reported

Affiliation Type Desc: Parent Corporation
Entity Name: Ross Stores, Inc.
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: Not reported

Affiliation Type Desc: Legal Owner
Entity Name: Ross Dress For Less Inc.
Entity Title: Not reported
Affiliation Address: 5130 Hacienda Dr
Affiliation City: Dublin
Affiliation State: CA
Affiliation Country: United States
Affiliation Zip: 94568-7579
Affiliation Phone: (925) 965-4831

Affiliation Type Desc: Document Preparer
Entity Name: ASHLEY CAMPBELL
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: Not reported

Affiliation Type Desc: Operator
Entity Name: Ross Dress For Less Inc.
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: (925) 965-4831

Affiliation Type Desc: Identification Signer
Entity Name: Ashley Campbell
Entity Title: ENVIRONMENTAL COMPLIANCE SPECIALIST
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: Not reported

HAZNET:
Name: ROSS DRESS FOR LESS #1355
Address: 405 WESTLAKE CTR
Address 2: Not reported

ROSS DRESS FOR LESS #1355 (Continued) **S118236381**

City,State,Zip: DALY CITY, CA 77056
Contact: KATHY HATCH
Telephone: 9259654015
Mailing Name: Not reported
Mailing Address: 5151 SAN FELIPE ST STE 1000

Year: 2019
Gepaid: CAL000397609
TSD EPA ID: CAD008364432
CA Waste Code: 331 - Off-specification, aged or surplus organics
Disposal Method: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons: 0.59720

Year: 2019
Gepaid: CAL000397609
TSD EPA ID: AZR000515924
CA Waste Code: 331 - Off-specification, aged or surplus organics
Disposal Method: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons: 0.12000

Year: 2019
Gepaid: CAL000397609
TSD EPA ID: CAD008364432
CA Waste Code: 791 - Liquids with pH <= 2
Disposal Method: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons: 0.00100

Year: 2019
Gepaid: CAL000397609
TSD EPA ID: CAD008364432
CA Waste Code: 122 - Alkaline solution without metals pH >= 12.5
Disposal Method: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons: 0.01350

Year: 2017
Gepaid: CAL000397609
TSD EPA ID: NVD980895338
CA Waste Code: 331 - Off-specification, aged or surplus organics
Disposal Method: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons: 0.133

Year: 2016
Gepaid: CAL000397609
TSD EPA ID: NVD980895338
CA Waste Code: 122 - Alkaline solution without metals pH >= 12.5
Disposal Method: H121 - Neutralization Only
Tons: 0.0025

Year: 2016
Gepaid: CAL000397609
TSD EPA ID: NVD980895338
CA Waste Code: 331 - Off-specification, aged or surplus organics

ROSS DRESS FOR LESS #1355 (Continued) **S118236381**

Disposal Method:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons:	0.3605
Year:	2015
Gepaid:	CAL000397609
TSD EPA ID:	NVD980895338
CA Waste Code:	331 - Off-specification, aged or surplus organics
Disposal Method:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons:	0.28
Year:	2014
Gepaid:	CAL000397609
TSD EPA ID:	NVD980895338
CA Waste Code:	-
Disposal Method:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons:	0.002
Year:	2014
Gepaid:	CAL000397609
TSD EPA ID:	NVD980895338
CA Waste Code:	122 - Alkaline solution without metals pH >= 12.5
Disposal Method:	H121 - Neutralization Only
Tons:	0.0035

Click this hyperlink while viewing on your computer to access
1 additional CA HAZNET: record(s) in the EDR Site Report.

Additional Info:

Year:	2014
Gen EPA ID:	CAL000397609
Shipment Date:	20141210
Creation Date:	Not reported
Receipt Date:	Not reported
Manifest ID:	000904082PSC
Trans EPA ID:	MNS000110924
Trans Name:	STERICYCLE SPECIALTY WASTE SOLUTIONS
Trans 2 EPA ID:	CAR000210617
Trans 2 Name:	21ST CENTURY ENVIRONMENTAL MANAGEMENT OF CA L/P
TSDF EPA ID:	NVD980895338
Trans Name:	21ST CENTURY ENVIRONMENTAL MANAGEMENT OF NEVADA LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	331 - Off-specification, aged, or surplus organics
RCRA Code:	D001
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.01
Waste Quantity:	20
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported

ROSS DRESS FOR LESS #1355 (Continued) **S118236381**

Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20141210
Creation Date:	Not reported
Receipt Date:	Not reported
Manifest ID:	000904082PSC
Trans EPA ID:	MNS000110924
Trans Name:	STERICYCLE SPECIALTY WASTE SOLUTIONS
Trans 2 EPA ID:	CAR000210617
Trans 2 Name:	21ST CENTURY ENVIRONMENTAL MANAGEMENT OF CA L/P
TSDF EPA ID:	NVD980895338
Trans Name:	21ST CENTURY ENVIRONMENTAL MANAGEMENT OF NEVADA LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	331 - Off-specification, aged, or surplus organics
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.019
Waste Quantity:	38
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20141210
Creation Date:	4/1/2015 22:15:06
Receipt Date:	20141216
Manifest ID:	000904082PSC
Trans EPA ID:	MNS000110924
Trans Name:	STERICYCLE SPECIALTY WASTE SOLUTIONS
Trans 2 EPA ID:	CAR000210617
Trans 2 Name:	21ST CENTURY ENVIRONMENTAL MANAGEMENT OF CA L/P
TSDF EPA ID:	NVD980895338
Trans Name:	21ST CENTURY ENVIRONMENTAL MANAGEMENT OF NEVADA LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	122 - Alkaline solution without metals (pH > 12.5
RCRA Code:	D002
Meth Code:	H121 - Neutralization Only
Quantity Tons:	0.0035
Waste Quantity:	7
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20141210
Creation Date:	4/1/2015 22:15:06
Receipt Date:	20141216
Manifest ID:	000904082PSC
Trans EPA ID:	MNS000110924

ROSS DRESS FOR LESS #1355 (Continued) **S118236381**

Trans Name:	STERICYCLE SPECIALTY WASTE SOLUTIONS
Trans 2 EPA ID:	CAR000210617
Trans 2 Name:	21ST CENTURY ENVIRONMENTAL MANAGEMENT OF CA L/P
TSDF EPA ID:	NVD980895338
Trans Name:	21ST CENTURY ENVIRONMENTAL MANAGEMENT OF NEVADA LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	331 - Off-specification, aged, or surplus organics
RCRA Code:	D001
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.0035
Waste Quantity:	7
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20141210
Creation Date:	4/1/2015 22:15:06
Receipt Date:	20141216
Manifest ID:	000904082PSC
Trans EPA ID:	MNS000110924
Trans Name:	STERICYCLE SPECIALTY WASTE SOLUTIONS
Trans 2 EPA ID:	CAR000210617
Trans 2 Name:	21ST CENTURY ENVIRONMENTAL MANAGEMENT OF CA L/P
TSDF EPA ID:	NVD980895338
Trans Name:	21ST CENTURY ENVIRONMENTAL MANAGEMENT OF NEVADA LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	- Not reported
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.002
Waste Quantity:	4
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20141210
Creation Date:	4/1/2015 22:15:06
Receipt Date:	20141216
Manifest ID:	000904082PSC
Trans EPA ID:	MNS000110924
Trans Name:	STERICYCLE SPECIALTY WASTE SOLUTIONS
Trans 2 EPA ID:	CAR000210617
Trans 2 Name:	21ST CENTURY ENVIRONMENTAL MANAGEMENT OF CA L/P
TSDF EPA ID:	NVD980895338
Trans Name:	21ST CENTURY ENVIRONMENTAL MANAGEMENT OF NEVADA LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported

ROSS DRESS FOR LESS #1355 (Continued) **S118236381**

Waste Code Description:	331 - Off-specification, aged, or surplus organics
RCRA Code:	D016
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.0275
Waste Quantity:	55
Quantity Unit:	P
Additional Code 1:	D011
Additional Code 2:	D008
Additional Code 3:	D006
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	2015
Gen EPA ID:	CAL000397609
Shipment Date:	20151117
Creation Date:	6/30/2016 18:31:00
Receipt Date:	20151125
Manifest ID:	001142899PSC
Trans EPA ID:	MNS000110924
Trans Name:	STERICYCLE SPECIALTY WASTE SOLUTIONS
Trans 2 EPA ID:	NED986382133
Trans 2 Name:	SMITH SYSTEMS
TSDF EPA ID:	NVD980895338
Trans Name:	21ST CENTURY ENVIRONMENTAL MANAGEMENT OF NEVADA LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	331 - Off-specification, aged, or surplus organics
RCRA Code:	D001
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.0135
Waste Quantity:	27
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20151117
Creation Date:	6/30/2016 18:31:00
Receipt Date:	20151125
Manifest ID:	001142899PSC
Trans EPA ID:	MNS000110924
Trans Name:	STERICYCLE SPECIALTY WASTE SOLUTIONS
Trans 2 EPA ID:	NED986382133
Trans 2 Name:	SMITH SYSTEMS
TSDF EPA ID:	NVD980895338
Trans Name:	21ST CENTURY ENVIRONMENTAL MANAGEMENT OF NEVADA LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	331 - Off-specification, aged, or surplus organics
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No

ROSS DRESS FOR LESS #1355 (Continued) **S118236381**

	Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.123
Waste Quantity:	246
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20151117
Creation Date:	6/30/2016 18:31:00
Receipt Date:	20151125
Manifest ID:	001142899PSC
Trans EPA ID:	MNS000110924
Trans Name:	STERICYCLE SPECIALTY WASTE SOLUTIONS
Trans 2 EPA ID:	NED986382133
Trans 2 Name:	SMITH SYSTEMS
TSDF EPA ID:	NVD980895338
Trans Name:	21ST CENTURY ENVIRONMENTAL MANAGEMENT OF NEVADA LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	331 - Off-specification, aged, or surplus organics
RCRA Code:	D001
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.005
Waste Quantity:	10
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20150528
Creation Date:	11/9/2015 22:15:17
Receipt Date:	20150603
Manifest ID:	001023165PSC
Trans EPA ID:	MNS000110924
Trans Name:	STERICYCLE SPECIALTY WASTE SOLUTIONS
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	NVD980895338
Trans Name:	21ST CENTURY ENVIRONMENTAL MANAGEMENT OF NEVADA LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	331 - Off-specification, aged, or surplus organics
RCRA Code:	D001
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.025
Waste Quantity:	50
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported

ROSS DRESS FOR LESS #1355 (Continued) **S118236381**

Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20150528
Creation Date:	11/9/2015 22:15:17
Receipt Date:	20150603
Manifest ID:	001023165PSC
Trans EPA ID:	MNS000110924
Trans Name:	STERICYCLE SPECIALTY WASTE SOLUTIONS
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	NVD980895338
Trans Name:	21ST CENTURY ENVIRONMENTAL MANAGEMENT OF NEVADA LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	331 - Off-specification, aged, or surplus organics
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.03
Waste Quantity:	60
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20150528
Creation Date:	11/9/2015 22:15:17
Receipt Date:	20150603
Manifest ID:	001023165PSC
Trans EPA ID:	MNS000110924
Trans Name:	STERICYCLE SPECIALTY WASTE SOLUTIONS
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	NVD980895338
Trans Name:	21ST CENTURY ENVIRONMENTAL MANAGEMENT OF NEVADA LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	331 - Off-specification, aged, or surplus organics
RCRA Code:	D016
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.006
Waste Quantity:	12
Quantity Unit:	P
Additional Code 1:	D011
Additional Code 2:	D008
Additional Code 3:	D006
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20150528
Creation Date:	11/9/2015 22:15:17
Receipt Date:	20150603
Manifest ID:	001023165PSC

ROSS DRESS FOR LESS #1355 (Continued) **S118236381**

Trans EPA ID:	MNS000110924
Trans Name:	STERICYCLE SPECIALTY WASTE SOLUTIONS
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	NVD980895338
Trans Name:	21ST CENTURY ENVIRONMENTAL MANAGEMENT OF NEVADA LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	331 - Off-specification, aged, or surplus organics
RCRA Code:	D001
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.0025
Waste Quantity:	5
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20150213
Creation Date:	8/31/2015 22:15:49
Receipt Date:	20150219
Manifest ID:	000950756PSC
Trans EPA ID:	MNS000110924
Trans Name:	STERICYCLE SPECIALTY WASTE SOLUTIONS
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	NVD980895338
Trans Name:	21ST CENTURY ENVIRONMENTAL MANAGEMENT OF NEVADA LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	331 - Off-specification, aged, or surplus organics
RCRA Code:	D001
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.01
Waste Quantity:	20
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20150213
Creation Date:	8/31/2015 22:15:49
Receipt Date:	20150219
Manifest ID:	000950756PSC
Trans EPA ID:	MNS000110924
Trans Name:	STERICYCLE SPECIALTY WASTE SOLUTIONS
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	NVD980895338
Trans Name:	21ST CENTURY ENVIRONMENTAL MANAGEMENT OF NEVADA LLC
TSDF Alt EPA ID:	Not reported

ROSS DRESS FOR LESS #1355 (Continued) **S118236381**

TSDF Alt Name:	Not reported
Waste Code Description:	331 - Off-specification, aged, or surplus organics
RCRA Code:	D001
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.0025
Waste Quantity:	5
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20150213
Creation Date:	8/31/2015 22:15:49
Receipt Date:	20150219
Manifest ID:	000950756PSC
Trans EPA ID:	MNS000110924
Trans Name:	STERICYCLE SPECIALTY WASTE SOLUTIONS
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	NVD980895338
Trans Name:	21ST CENTURY ENVIRONMENTAL MANAGEMENT OF NEVADA LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	331 - Off-specification, aged, or surplus organics
RCRA Code:	D016
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.0625
Waste Quantity:	125
Quantity Unit:	P
Additional Code 1:	D011
Additional Code 2:	D008
Additional Code 3:	D006
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	2016
Gen EPA ID:	CAL000397609
Shipment Date:	20151117
Creation Date:	6/30/2016 18:31:00
Receipt Date:	20151125
Manifest ID:	001142899PSC
Trans EPA ID:	MNS000110924
Trans Name:	STERICYCLE SPECIALTY WASTE SOLUTIONS
Trans 2 EPA ID:	NED986382133
Trans 2 Name:	SMITH SYSTEMS
TSDF EPA ID:	NVD980895338
Trans Name:	21ST CENTURY ENVIRONMENTAL MANAGEMENT OF NEVADA LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	331 - Off-specification, aged, or surplus organics
RCRA Code:	Not reported

ROSS DRESS FOR LESS #1355 (Continued) **S118236381**

Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.123
Waste Quantity:	246
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20151117
Creation Date:	6/30/2016 18:31:00
Receipt Date:	20151125
Manifest ID:	001142899PSC
Trans EPA ID:	MNS000110924
Trans Name:	STERICYCLE SPECIALTY WASTE SOLUTIONS
Trans 2 EPA ID:	NED986382133
Trans 2 Name:	SMITH SYSTEMS
TSDF EPA ID:	NVD980895338
Trans Name:	21ST CENTURY ENVIRONMENTAL MANAGEMENT OF NEVADA LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	331 - Off-specification, aged, or surplus organics
RCRA Code:	D001
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.005
Waste Quantity:	10
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20151117
Creation Date:	6/30/2016 18:31:00
Receipt Date:	20151125
Manifest ID:	001142899PSC
Trans EPA ID:	MNS000110924
Trans Name:	STERICYCLE SPECIALTY WASTE SOLUTIONS
Trans 2 EPA ID:	NED986382133
Trans 2 Name:	SMITH SYSTEMS
TSDF EPA ID:	NVD980895338
Trans Name:	21ST CENTURY ENVIRONMENTAL MANAGEMENT OF NEVADA LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	331 - Off-specification, aged, or surplus organics
RCRA Code:	D001
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.0135
Waste Quantity:	27
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported

ROSS DRESS FOR LESS #1355 (Continued) **S118236381**

Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20150528
Creation Date:	11/9/2015 22:15:17
Receipt Date:	20150603
Manifest ID:	001023165PSC
Trans EPA ID:	MNS000110924
Trans Name:	STERICYCLE SPECIALTY WASTE SOLUTIONS
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	NVD980895338
Trans Name:	21ST CENTURY ENVIRONMENTAL MANAGEMENT OF NEVADA LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	331 - Off-specification, aged, or surplus organics
RCRA Code:	D016
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.006
Waste Quantity:	12
Quantity Unit:	P
Additional Code 1:	D011
Additional Code 2:	D008
Additional Code 3:	D006
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20150528
Creation Date:	11/9/2015 22:15:17
Receipt Date:	20150603
Manifest ID:	001023165PSC
Trans EPA ID:	MNS000110924
Trans Name:	STERICYCLE SPECIALTY WASTE SOLUTIONS
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	NVD980895338
Trans Name:	21ST CENTURY ENVIRONMENTAL MANAGEMENT OF NEVADA LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	331 - Off-specification, aged, or surplus organics
RCRA Code:	D001
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.025
Waste Quantity:	50
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20150528
Creation Date:	11/9/2015 22:15:17
Receipt Date:	20150603

ROSS DRESS FOR LESS #1355 (Continued) **S118236381**

Manifest ID:	001023165PSC
Trans EPA ID:	MNS000110924
Trans Name:	STERICYCLE SPECIALTY WASTE SOLUTIONS
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	NVD980895338
Trans Name:	21ST CENTURY ENVIRONMENTAL MANAGEMENT OF NEVADA LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	331 - Off-specification, aged, or surplus organics
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.03
Waste Quantity:	60
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20150528
Creation Date:	11/9/2015 22:15:17
Receipt Date:	20150603
Manifest ID:	001023165PSC
Trans EPA ID:	MNS000110924
Trans Name:	STERICYCLE SPECIALTY WASTE SOLUTIONS
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	NVD980895338
Trans Name:	21ST CENTURY ENVIRONMENTAL MANAGEMENT OF NEVADA LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	331 - Off-specification, aged, or surplus organics
RCRA Code:	D001
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.0025
Waste Quantity:	5
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20150213
Creation Date:	8/31/2015 22:15:49
Receipt Date:	20150219
Manifest ID:	000950756PSC
Trans EPA ID:	MNS000110924
Trans Name:	STERICYCLE SPECIALTY WASTE SOLUTIONS
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	NVD980895338
Trans Name:	21ST CENTURY ENVIRONMENTAL MANAGEMENT OF NEVADA LLC

ROSS DRESS FOR LESS #1355 (Continued) **S118236381**

TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	331 - Off-specification, aged, or surplus organics
RCRA Code:	D001
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.01
Waste Quantity:	20
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20150213
Creation Date:	8/31/2015 22:15:49
Receipt Date:	20150219
Manifest ID:	000950756PSC
Trans EPA ID:	MNS000110924
Trans Name:	STERICYCLE SPECIALTY WASTE SOLUTIONS
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	NVD980895338
Trans Name:	21ST CENTURY ENVIRONMENTAL MANAGEMENT OF NEVADA LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	331 - Off-specification, aged, or surplus organics
RCRA Code:	D016
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.0625
Waste Quantity:	125
Quantity Unit:	P
Additional Code 1:	D011
Additional Code 2:	D008
Additional Code 3:	D006
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20150213
Creation Date:	8/31/2015 22:15:49
Receipt Date:	20150219
Manifest ID:	000950756PSC
Trans EPA ID:	MNS000110924
Trans Name:	STERICYCLE SPECIALTY WASTE SOLUTIONS
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	NVD980895338
Trans Name:	21ST CENTURY ENVIRONMENTAL MANAGEMENT OF NEVADA LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	331 - Off-specification, aged, or surplus organics
RCRA Code:	D001
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.0025

ROSS DRESS FOR LESS #1355 (Continued) **S118236381**

Waste Quantity:	5
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	2017
Gen EPA ID:	CAL000397609
Shipment Date:	20171226
Creation Date:	9/14/2018 18:31:06
Receipt Date:	20180124
Manifest ID:	001729260PSC
Trans EPA ID:	MNS000110924
Trans Name:	STERICYCLE SPECIALTY WASTE SOLUTIONS INC
Trans 2 EPA ID:	NED986382133
Trans 2 Name:	SMITH SYSTEMS TRANSPORTATION INC
TSDF EPA ID:	CAD008364432
Trans Name:	RHO CHEM LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	331 - Off-specification, aged, or surplus organics
RCRA Code:	D016
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.09
Waste Quantity:	180
Quantity Unit:	P
Additional Code 1:	D011
Additional Code 2:	D008
Additional Code 3:	D006
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20171226
Creation Date:	9/14/2018 18:31:06
Receipt Date:	20180124
Manifest ID:	001729260PSC
Trans EPA ID:	MNS000110924
Trans Name:	STERICYCLE SPECIALTY WASTE SOLUTIONS INC
Trans 2 EPA ID:	NED986382133
Trans 2 Name:	SMITH SYSTEMS TRANSPORTATION INC
TSDF EPA ID:	CAD008364432
Trans Name:	RHO CHEM LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	331 - Off-specification, aged, or surplus organics
RCRA Code:	D001
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.027
Waste Quantity:	54
Quantity Unit:	P
Additional Code 1:	Not reported

ROSS DRESS FOR LESS #1355 (Continued) **S118236381**

Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20170627
Creation Date:	7/18/2018 18:30:10
Receipt Date:	20170630
Manifest ID:	001592527PSC
Trans EPA ID:	MNS000110924
Trans Name:	STERICYCLE SPECIALTY WASTE SOLUTIONS INC
Trans 2 EPA ID:	NED986382133
Trans 2 Name:	SMITH SYSTEM TRANS
TSDF EPA ID:	NVD980895338
Trans Name:	21ST CENTURY ENVIRONMENTAL MANAGEMENT OF NEVADA LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	331 - Off-specification, aged, or surplus organics
RCRA Code:	D001
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.024
Waste Quantity:	48
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20170627
Creation Date:	7/18/2018 18:30:10
Receipt Date:	20170630
Manifest ID:	001592527PSC
Trans EPA ID:	MNS000110924
Trans Name:	STERICYCLE SPECIALTY WASTE SOLUTIONS INC
Trans 2 EPA ID:	NED986382133
Trans 2 Name:	SMITH SYSTEM TRANS
TSDF EPA ID:	NVD980895338
Trans Name:	21ST CENTURY ENVIRONMENTAL MANAGEMENT OF NEVADA LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	331 - Off-specification, aged, or surplus organics
RCRA Code:	D001
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.0095
Waste Quantity:	19
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20170627
Creation Date:	7/18/2018 18:30:10

ROSS DRESS FOR LESS #1355 (Continued) **S118236381**

Receipt Date:	20170630
Manifest ID:	001592527PSC
Trans EPA ID:	MNS000110924
Trans Name:	STERICYCLE SPECIALTY WASTE SOLUTIONS INC
Trans 2 EPA ID:	NED986382133
Trans 2 Name:	SMITH SYSTEM TRANS
TSDF EPA ID:	NVD980895338
Trans Name:	21ST CENTURY ENVIRONMENTAL MANAGEMENT OF NEVADA LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	331 - Off-specification, aged, or surplus organics
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.0995
Waste Quantity:	199
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

HWTS:

Name:	ROSS DRESS FOR LESS #1355
Address:	405 WESTLAKE CTR
Address 2:	Not reported
City,State,Zip:	DALY CITY, CA 940151432
EPA ID:	CAL000397609
Inactive Date:	Not reported
Create Date:	06/06/2014
Last Act Date:	08/21/2020
Mailing Name:	Not reported
Mailing Address:	5130 HACIENDA DR
Mailing Address 2:	Not reported
Mailing City,State,Zip:	DUBLIN, CA 945680000
Owner Name:	ROSS DRESS FOR LESS INC
Owner Address:	5130 HACIENDA DR
Owner Address 2:	Not reported
Owner City,State,Zip:	DUBLIN, CA 94568
Contact Name:	KATHY HATCH
Contact Address:	5130 HACIENDA DR
Contact Address 2:	3RD FLOOR
City,State,Zip:	DUBLIN, CA 94568

NAICS:

EPA ID:	CAL000397609
Create Date:	2014-06-06 16:44:56.777
NAICS Code:	44814
NAICS Description:	Family Clothing Stores
Issued EPA ID Date:	2014-06-06 16:44:56.77700
Inactive Date:	Not reported
Facility Name:	ROSS DRESS FOR LESS #1355
Facility Address:	405 WESTLAKE CTR
Facility Address 2:	Not reported
Facility City:	DALY CITY
Facility County:	Not reported

ROSS DRESS FOR LESS #1355 (Continued) **S118236381**

Facility State: CA
Facility Zip: 940151432

H63 **ROSS DRESS FOR LESS #1355** **RCRA NonGen / NLR** **1024844910**
North **405 WESTLAKE CTR** **CAL000397609**
1/8-1/4 **DALY CITY, CA 94015**
0.168 mi.
889 ft. **Site 18 of 36 in cluster H**

Relative: RCRA NonGen / NLR:
Lower

Actual: Date Form Received by Agency: 2014-06-06 00:00:00.0
91 ft. Handler Name: ROSS DRESS FOR LESS #1355
Handler Address: 405 WESTLAKE CTR
Handler City,State,Zip: DALY CITY, CA 94015-1432
EPA ID: CAL000397609
Contact Name: KATHY HATCH
Contact Address: 5130 HACIENDA DR
Contact City,State,Zip: DUBLIN, CA 94568
Contact Telephone: 925-965-4015
Contact Fax: 925-965-4183
Contact Email: ERIC.GUARD@ROS.COM
Contact Title: Not reported
EPA Region: 09
Land Type: Not reported
Federal Waste Generator Description: Not a generator, verified
Non-Notifier: Not reported
Biennial Report Cycle: Not reported
Accessibility: Not reported
Active Site Indicator: Handler Activities
State District Owner: Not reported
State District: Not reported
Mailing Address: 5151 SAN FELIPE ST STE 1000
Mailing City,State,Zip: HOUSTON, TX 77056
Owner Name: ROSS DRESS FOR LESS INC
Owner Type: Other
Operator Name: KATHY HATCH
Operator Type: Other
Short-Term Generator Activity: No
Importer Activity: No
Mixed Waste Generator: No
Transporter Activity: No
Transfer Facility Activity: No
Recycler Activity with Storage: No
Small Quantity On-Site Burner Exemption: No
Smelting Melting and Refining Furnace Exemption: No
Underground Injection Control: No
Off-Site Waste Receipt: No
Universal Waste Indicator: Yes
Universal Waste Destination Facility: Yes
Federal Universal Waste: No
Active Site Fed-Reg Treatment Storage and Disposal Facility: Not reported
Active Site Converter Treatment storage and Disposal Facility: Not reported
Active Site State-Reg Treatment Storage and Disposal Facility: Not reported
Active Site State-Reg Handler: ---
Federal Facility Indicator: Not reported
Hazardous Secondary Material Indicator: N
Sub-Part K Indicator: Not reported

ROSS DRESS FOR LESS #1355 (Continued) **1024844910**

Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2018-09-06 17:04:33.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name:	ROSS DRESS FOR LESS INC
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	5130 HACIENDA DR
Owner/Operator City,State,Zip:	DUBLIN, CA 94568
Owner/Operator Telephone:	925-965-4831
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	KATHY HATCH
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	5130 HACIENDA DR
Owner/Operator City,State,Zip:	DUBLIN, CA 94568

ROSS DRESS FOR LESS #1355 (Continued) **1024844910**

Owner/Operator Telephone: 925-965-4015
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:
Receive Date: 2014-06-06 00:00:00.0
Handler Name: ROSS DRESS FOR LESS #1355
Federal Waste Generator Description: Not a generator, verified
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:
NAICS Code: 44814
NAICS Description: FAMILY CLOTHING STORES

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

H64
North
1/8-1/4
0.170 mi.
896 ft.

DALY CITY FAMILY DENTAL **San Mateo Co. BI** **S123183382**
341 WESTLAKE CENTER **N/A**
DALY CITY, CA 94015

Site 19 of 36 in cluster H

Relative:
Lower

Actual:
91 ft.

San Mateo Co. BI:
Name: DALY CITY FAMILY DENTAL
Address: 341 WESTLAKE CENTER
City,State,Zip: DALY CITY, CA 94015
Region: SAN MATEO
Facility ID: FA0053265
Prog Element Code: 4516
Record Id: PR0073716
Description: TIER 1 SQG REGISTRATION
Facility Status: Temporarily inactive, non-billable
Program Category: MEDICAL WASTE

H65 **CALADRIUS HEALING CLINIC** **San Mateo Co. BI** **S123183314**
North **341 WESTLAKE CENTER** **N/A**
1/8-1/4 **DALY CITY, CA 94015**
0.170 mi.
896 ft. **Site 20 of 36 in cluster H**

Relative: San Mateo Co. BI:
Lower
Actual: Name: CALADRIUS HEALING CLINIC
91 ft. Address: 341 WESTLAKE CENTER
City,State,Zip: DALY CITY, CA 94015
Region: SAN MATEO
Facility ID: FA0052781
Prog Element Code: 4516
Record Id: PR0073111
Description: TIER 1 SQG REGISTRATION
Facility Status: Temporarily inactive, non-billable
Program Category: MEDICAL WASTE

H66 **WESTLAKE DENTAL CARE** **San Mateo Co. BI** **S123183381**
North **341 WESTLAKE CENTER** **N/A**
1/8-1/4 **DALY CITY, CA 94015**
0.170 mi.
896 ft. **Site 21 of 36 in cluster H**

Relative: San Mateo Co. BI:
Lower
Actual: Name: WESTLAKE DENTAL CARE
91 ft. Address: 341 WESTLAKE CENTER
City,State,Zip: DALY CITY, CA 94015
Region: SAN MATEO
Facility ID: FA0053264
Prog Element Code: 4516
Record Id: PR0073715
Description: TIER 1 SQG REGISTRATION
Facility Status: Temporarily inactive, non-billable
Program Category: MEDICAL WASTE

H67 **VILLASIN FAMILY DENTAL** **San Mateo Co. BI** **S123183383**
North **341 WESTLAKE CENTER** **N/A**
1/8-1/4 **DALY CITY, CA 94015**
0.170 mi.
896 ft. **Site 22 of 36 in cluster H**

Relative: San Mateo Co. BI:
Lower
Actual: Name: VILLASIN FAMILY DENTAL
91 ft. Address: 341 WESTLAKE CENTER
City,State,Zip: DALY CITY, CA 94015
Region: SAN MATEO
Facility ID: FA0053266
Prog Element Code: 4516
Record Id: PR0073717
Description: TIER 1 SQG REGISTRATION
Facility Status: Temporarily inactive, non-billable
Program Category: MEDICAL WASTE

H68 **LUIS R KONG DDS** **San Mateo Co. BI** **S123183533**
North **341 WESTLAKE CENTER** **N/A**
1/8-1/4 **DALY CITY, CA 94015**
0.170 mi.
896 ft. **Site 23 of 36 in cluster H**

Relative: **Lower**
Actual: **91 ft.**

San Mateo Co. BI:

Name:	LUIS R KONG DDS
Address:	341 WESTLAKE CENTER
City,State,Zip:	DALY CITY, CA 94015
Region:	SAN MATEO
Facility ID:	FA0054542
Prog Element Code:	4516
Record Id:	PR0075203
Description:	TIER 1 SQG REGISTRATION
Facility Status:	Temporarily inactive, non-billable
Program Category:	MEDICAL WASTE

H69 **WESTLAKE FRENCH CLEANERS** **DRYCLEANERS** **S108541413**
North **247 WESTLAKE CTR** **HWTS** **N/A**
1/8-1/4 **DALY CITY, CA 94015**
0.171 mi.
905 ft. **Site 24 of 36 in cluster H**

Relative: **Lower**
Actual: **91 ft.**

DRYCLEANERS:

Name:	WESTLAKE FRENCH CLEANERS
Address:	247 WESTLAKE CTR
City,State,Zip:	DALY CITY, CA 940151430
EPA Id:	CAL000313740
NAICS Code:	81232
NAICS Description:	Drycleaning and Laundry Services (except Coin-Operated)
SIC Code:	7211
SIC Description:	Power Laundries, Family and Commercial
Create Date:	11/27/2006
Facility Active:	No
Inactive Date:	06/30/2009
Facility Addr2:	Not reported
Owner Name:	EUI SIK LEE/SO YOUNG PAIK
Owner Address:	247 WESTLAKE CENTER
Owner Address 2:	Not reported
Owner Telephone:	6507551700
Contact Name:	EUI SIK LEE
Contact Address:	247 WESTLAKE CENTER
Contact Address 2:	Not reported
Contact Telephone:	6507551700
Mailing Name:	Not reported
Mailing Address 1:	247 WESTLAKE CENTER
Mailing Address 2:	Not reported
Mailing City:	DALY CITY
Mailing State:	CA
Mailing Zip:	940151430
Owner Fax:	Not reported
Region Code:	2

HWTS:

Name:	WESTLAKE FRENCH CLEANERS
Address:	247 WESTLAKE CTR
Address 2:	Not reported
City,State,Zip:	DALY CITY, CA 940151430

WESTLAKE FRENCH CLEANERS (Continued) **S108541413**

EPA ID:	CAL000313740
Inactive Date:	06/30/2009
Create Date:	11/27/2006
Last Act Date:	04/13/2010
Mailing Name:	Not reported
Mailing Address:	247 WESTLAKE CENTER
Mailing Address 2:	Not reported
Mailing City,State,Zip:	DALY CITY, CA 940151430
Owner Name:	EUI SIK LEE/SO YOUNG PAIK
Owner Address:	247 WESTLAKE CENTER
Owner Address 2:	Not reported
Owner City,State,Zip:	DALY CITY, CA 940151404
Contact Name:	EUI SIK LEE
Contact Address:	247 WESTLAKE CENTER
Contact Address 2:	Not reported
City,State,Zip:	DALY CITY, CA 940151430

NAICS:

EPA ID:	CAL000313740
Create Date:	2006-11-27 16:29:31.173
NAICS Code:	81232
NAICS Description:	Drycleaning and Laundry Services (except Coin-Operated)
Issued EPA ID Date:	2006-11-27 16:29:30.95700
Inactive Date:	2009-06-30 00:00:00
Facility Name:	WESTLAKE FRENCH CLEANERS
Facility Address:	247 WESTLAKE CTR
Facility Address 2:	Not reported
Facility City:	DALY CITY
Facility County:	Not reported
Facility State:	CA
Facility Zip:	940151430

H70 **WALGREENS #0324** **RCRA NonGen / NLR** **1016954437**
North **216 WESTLAKE CTR** **CAL000324332**
1/8-1/4 **DALY CITY, CA 94015**
0.172 mi.
907 ft. **Site 25 of 36 in cluster H**

Relative:
Lower

Actual:
91 ft.

RCRA NonGen / NLR:

Date Form Received by Agency:		2020-03-06 00:00:00.0
Handler Name:	WALGREENS #0324	
Handler Address:		216 WESTLAKE CTR
Handler City,State,Zip:		DALY CITY, CA 94015
EPA ID:		CAL000324332
Contact Name:		AMBER DURKIN
Contact Address:		WILMOT RD 5TH FLR MS 1450
Contact City,State,Zip:		DEERFIELD, IL 60015
Contact Telephone:		847-964-8816
Contact Fax:		Not reported
Contact Email:		AMBER.DURKIN@WALGREENS.COM
Contact Title:		Not reported
EPA Region:		09
Land Type:		Private
Federal Waste Generator Description:		Not a generator, verified
Non-Notifier:		Not reported
Biennial Report Cycle:		2019
Accessibility:		Not reported

WALGREENS #0324 (Continued) **1016954437**

Active Site Indicator:	Not reported
State District Owner:	Not reported
State District:	Not reported
Mailing Address:	WILMOT RD
Mailing City,State,Zip:	DEERFIELD, IL 60015
Owner Name:	WALGREENS CO
Owner Type:	Private
Operator Name:	WALGREENS CO
Operator Type:	Private
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2020-10-12 14:25:15.0

WALGREENS #0324 (Continued) **1016954437**

Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Biennial: List of Years
Year: 2015

Click Here for Biennial Reporting System Data:
Year: 2013

Click Here for Biennial Reporting System Data:

Hazardous Waste Summary:

Waste Code:	D001
Waste Description:	IGNITABLE WASTE
Waste Code:	D002
Waste Description:	CORROSIVE WASTE
Waste Code:	D007
Waste Description:	CHROMIUM
Waste Code:	D009
Waste Description:	MERCURY
Waste Code:	D010
Waste Description:	SELENIUM
Waste Code:	D024
Waste Description:	M-CRESOL
Waste Code:	P001
Waste Description:	2H-1-BENZOPYRAN-2-ONE, 4-HYDROXY-3-(3-OXO-1-PHENYLBUTYL)-, & SALTS, WHEN PRESENT AT CONCENTRATIONS GREATER THAN 0.3% (OR) WARFARIN, & SALTS, WHEN PRESENT AT CONCENTRATIONS GREATER THAN 0.3%
Waste Code:	P075
Waste Description:	NICOTINE, & SALTS (OR) PYRIDINE, 3-(1-METHYL-2-PYRROLIDINYL)-,(S)-, & SALTS
Waste Code:	U034
Waste Description:	ACETALDEHYDE, TRICHLORO- (OR) CHLORAL
Waste Code:	U165
Waste Description:	NAPHTHALENE

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name:	KIMCO WESTLAKE LP
Legal Status:	Private
Date Became Current:	2008-01-01 00:00:00.
Date Ended Current:	Not reported

WALGREENS #0324 (Continued) **1016954437**

Owner/Operator Address:	NEW HYDE PARK RD STE 100
Owner/Operator City,State,Zip:	NEW HYDE PARK, NY 11042
Owner/Operator Telephone:	916-580-2534
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	WALGREEN CO.
Legal Status:	Private
Date Became Current:	1959-07-27 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	Not reported
Owner/Operator City,State,Zip:	Not reported
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	WALGREENS CO
Legal Status:	Private
Date Became Current:	2008-01-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	104 WILMOT RD 5TH FLR MS 1450
Owner/Operator City,State,Zip:	DEERFIELD, IL 60015
Owner/Operator Telephone:	847-315-2812
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	WALGREEN CO
Legal Status:	Private
Date Became Current:	2011-08-30 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	Not reported
Owner/Operator City,State,Zip:	Not reported
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	WALGREENS CO
Legal Status:	Private
Date Became Current:	2008-01-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	104 WILMOT RD 5TH FLR MS 1450
Owner/Operator City,State,Zip:	DEERFIELD, IL 60015
Owner/Operator Telephone:	847-315-2812
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	WALGREENS CO

WALGREENS #0324 (Continued) **1016954437**

Legal Status:	Private
Date Became Current:	2008-01-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	104 WILMOT RD 5TH FLR MS 1450
Owner/Operator City,State,Zip:	DEERFIELD, IL 60015
Owner/Operator Telephone:	847-315-2812
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	KIMCO WESTLAKE LP
Legal Status:	Private
Date Became Current:	2011-08-30 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 5020
Owner/Operator City,State,Zip:	NEW HYDE PARK, NY 11042
Owner/Operator Telephone:	916-580-2534
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	WALGREENS CO
Legal Status:	Private
Date Became Current:	2008-01-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	104 WILMOT RD 5TH FLR MS 1450
Owner/Operator City,State,Zip:	DEERFIELD, IL 60015
Owner/Operator Telephone:	847-315-2812
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	2014-06-09 00:00:00.0
Handler Name: WALGREENS #324	
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2016-04-05 00:00:00.0
Handler Name: WALGREENS #0324	
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No

WALGREENS #0324 (Continued) **1016954437**

Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 2020-03-06 00:00:00.0
Handler Name: WALGREENS #0324
Federal Waste Generator Description: Not a generator, verified
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: No
Electronic Manifest Broker: No

Receive Date: 2019-12-11 00:00:00.0
Handler Name: WALGREENS #0324
Federal Waste Generator Description: Not a generator, verified
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: No
Electronic Manifest Broker: No

List of NAICS Codes and Descriptions:
NAICS Code: 44611
NAICS Description: PHARMACIES AND DRUG STORES

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

H71 **WALGREENS STORE #0324** **CERS HAZ WASTE** **S119781584**
North **216 WESTLAKE CENTER** **San Mateo Co. BI** **N/A**
1/8-1/4 **DALY CITY, CA 94015**
0.172 mi.
907 ft. **Site 26 of 36 in cluster H**

Relative: CERS HAZ WASTE:
Lower
Actual: Name: WALGREENS STORE #0324
91 ft. Address: 216 WESTLAKE CENTER
City,State,Zip: DALY CITY, CA 94015
Site ID: 170121
CERS ID: 10340434
CERS Description: Hazardous Waste Generator

Violations:
Site ID: 170121

WALGREENS STORE #0324 (Continued) **S119781584**

Site Name: WALGREENS STORE #0324
Violation Date: 01-11-2017
Citation: 22 CCR 12 66262.34(f) - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.34(f)
Violation Description: Failure to properly label hazardous waste accumulation containers and portable tanks with the following requirements: "Hazardous Waste", name and address of the generator, physical and chemical characteristics of the Hazardous Waste, and starting accumulation date.
Violation Notes: Returned to compliance on 01/11/2017. P-listed nicotine and warfarin waste missing start date. CORRECTED ON SITE.
Violation Division: San Mateo County Environmental Health
Violation Program: HW
Violation Source: CERS

Site ID: 170121
Site Name: WALGREENS STORE #0324
Violation Date: 01-23-2015
Citation: 40 CFR 1 265.35 - U.S. Code of Federal Regulations, Title 40, Chapter 1, Section(s) 265.35
Violation Description: Failure to maintain aisle space to allow the unobstructed movement of personnel, fire protection, spill control equipment, and decontamination equipment to any area of facility operation in an emergency, unless it can be demonstrated to the Department that aisle space is not needed for any of these purposes.
Violation Notes: Returned to compliance on 01/27/2015.
Violation Division: San Mateo County Environmental Health
Violation Program: HW
Violation Source: CERS

Evaluation:
Eval General Type: Other/Unknown
Eval Date: 01-11-2016
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Not reported
Eval Division: San Mateo County Environmental Health
Eval Program: HW
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 01-11-2017
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: San Mateo County Environmental Health
Eval Program: HW
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 01-23-2015
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: San Mateo County Environmental Health
Eval Program: HW
Eval Source: CERS

WALGREENS STORE #0324 (Continued) **S119781584**

Eval General Type:	Other/Unknown
Eval Date:	02-01-2016
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Not reported
Eval Division:	San Mateo County Environmental Health
Eval Program:	HW
Eval Source:	CERS

Eval General Type:	Compliance Evaluation Inspection
Eval Date:	02-19-2019
Violations Found:	No
Eval Type:	Routine done by local agency
Eval Notes:	Hazardous waste streams generated: Damaged consumer goods - toxics, corrosives, universal waste, aerosols, flammables, oxidizers RCRA wastes - nicotine and warfarin
Eval Division:	San Mateo County Environmental Health
Eval Program:	HW
Eval Source:	CERS

Eval General Type:	Other/Unknown
Eval Date:	07-23-2018
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Not reported
Eval Division:	San Mateo County Environmental Health
Eval Program:	HW
Eval Source:	CERS

Eval General Type:	Other/Unknown
Eval Date:	07-24-2017
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Not reported
Eval Division:	San Mateo County Environmental Health
Eval Program:	HW
Eval Source:	CERS

Eval General Type:	Other/Unknown
Eval Date:	07-30-2018
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Not reported
Eval Division:	San Mateo County Environmental Health
Eval Program:	HW
Eval Source:	CERS

Eval General Type:	Other/Unknown
Eval Date:	08-28-2017
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Not reported
Eval Division:	San Mateo County Environmental Health
Eval Program:	HW
Eval Source:	CERS

Eval General Type:	Other/Unknown

WALGREENS STORE #0324 (Continued) **S119781584**

Eval Date:	10-07-2014
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Not reported
Eval Division:	San Mateo County Environmental Health
Eval Program:	HW
Eval Source:	CERS
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	10-30-2013
Violations Found:	No
Eval Type:	Routine done by local agency
Eval Notes:	Not reported
Eval Division:	San Mateo County Environmental Health
Eval Program:	HW
Eval Source:	CERS

Enforcement Action:

Site ID:	170121
Site Name:	WALGREENS STORE #0324
Site Address:	216 WESTLAKE CENTER
Site City:	DALY CITY
Site Zip:	94015
Enf Action Date:	01-23-2015
Enf Action Type:	Notice of Violation (Unified Program)
Enf Action Description:	Notice of Violation Issued by the Inspector at the Time of Inspection
Enf Action Notes:	Not reported
Enf Action Division:	San Mateo County Environmental Health
Enf Action Program:	HW
Enf Action Source:	CERS

Coordinates:

Site ID:	170121
Facility Name:	WALGREENS STORE #0324
Env Int Type Code:	HWG
Program ID:	10340434
Coord Name:	Not reported
Ref Point Type Desc:	Center of a facility or station.
Latitude:	37.701240
Longitude:	-122.483300

Affiliation:

Affiliation Type Desc:	Environmental Contact
Entity Name:	Verisk 3E, Regulatory Department/Walgreen Co.
Entity Title:	Not reported
Affiliation Address:	3207 Grey Hawk Court, Suite 200
Affiliation City:	Carlsbad
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	92010
Affiliation Phone:	Not reported
Affiliation Type Desc:	Legal Owner
Entity Name:	Walgreen Co.
Entity Title:	Not reported
Affiliation Address:	200 Wilmot Road

WALGREENS STORE #0324 (Continued) **S119781584**

Affiliation City:	Deerfield
Affiliation State:	IL
Affiliation Country:	United States
Affiliation Zip:	60015
Affiliation Phone:	(847) 914-2264
Affiliation Type Desc:	Parent Corporation
Entity Name:	Walgreens
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	Not reported
Affiliation Type Desc:	Identification Signer
Entity Name:	Crystalyn Dogui-is, on behalf of Walgreen Co.
Entity Title:	Regulatory Compliance Specialist II, Verisk 3E
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	Not reported
Affiliation Type Desc:	Operator
Entity Name:	Walgreen Co.
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	(847) 914-2264
Affiliation Type Desc:	Document Preparer
Entity Name:	Crystalyn Dogui-is, On behalf of Walgreen Co.
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	Not reported
Affiliation Type Desc:	Facility Mailing Address
Entity Name:	Mailing Address
Entity Title:	Not reported
Affiliation Address:	Verisk 3E, Regulatory/Walgreen Co., 3207 Grey Hawk Ct, Ste 200
Affiliation City:	Carlsbad
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	92010
Affiliation Phone:	Not reported
Affiliation Type Desc:	CUPA District

WALGREENS STORE #0324 (Continued) **S119781584**

Entity Name: San Mateo County Environmental Health
Entity Title: Not reported
Affiliation Address: 2000 Alameda de las Pulgas, Suite 100
Affiliation City: San Mateo
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 94403
Affiliation Phone: (650) 372-6200

Affiliation Type Desc: Property Owner
Entity Name: KIMCO WESTLAKE LP
Entity Title: Not reported
Affiliation Address: 3333 NEW HYDE PARK RD STE 100, PO BOX 5020
Affiliation City: NEW HYDE PARK
Affiliation State: NY
Affiliation Country: United States
Affiliation Zip: 11042-0020
Affiliation Phone: (916) 580-2534

San Mateo Co. BI:

Name: WALGREENS STORE #0324
Address: 216 WESTLAKE CENTER
City,State,Zip: DALY CITY, CA 94015
Region: SAN MATEO
Facility ID: FA0026783
Prog Element Code: GEN <1 TONS HAZ WASTE/YR
Record Id: PR0039669
Description: GEN <1 TONS HAZ WASTE/YR
Facility Status: Active, billable
Program Category: HAZARDOUS WASTE PROGRAM

Name: WALGREENS STORE #0324
Address: 216 WESTLAKE CENTER
City,State,Zip: DALY CITY, CA 94015
Region: SAN MATEO
Facility ID: FA0026783
Prog Element Code: BUSINESS PLAN - GENERAL
Record Id: PR0064926
Description: BUSINESS PLAN - GENERAL
Facility Status: Inactive, non-billable
Program Category: BUSINESS PLAN PROGRAM

Name: WALGREENS STORE #0324
Address: 216 WESTLAKE CENTER
City,State,Zip: DALY CITY, CA 94015
Region: SAN MATEO
Facility ID: FA0026783
Prog Element Code: SML QUANTITY GENERATOR(1-199lbs/Mo) OFF-SITE
Record Id: PR0060584
Description: SQG OFF-SITE TREATMENT (1-199 LB/MO)
Facility Status: Inactive, non-billable
Program Category: MEDICAL WASTE

Name: WALGREENS STORE #0324
Address: 216 WESTLAKE CENTER
City,State,Zip: DALY CITY, CA 94015

WALGREENS STORE #0324 (Continued) **S119781584**

Region:	SAN MATEO
Facility ID:	FA0026783
Prog Element Code:	SML QUANTITY GENERATOR(1-199lbs/Mo) OFF-SITE
Record Id:	PR0065818
Description:	SQG OFF-SITE TREATMENT (1-199 LB/MO)
Facility Status:	Active, billable
Program Category:	MEDICAL WASTE

H72 **WALGREENS STORE #324** **RCRA-VSQG** **1025502057**
North **216 WESTLAKE CTR** **CAR000294488**
1/8-1/4 **DALY CITY, CA 94015**
0.172 mi.
907 ft. **Site 27 of 36 in cluster H**

Relative: RCRA-VSQG:
Lower

Actual: Date Form Received by Agency:		2020-05-14 00:00:00.0
91 ft. Handler Name:	WALGREENS STORE #324	
Handler Address:		216 WESTLAKE CTR
Handler City,State,Zip:		DALY CITY, CA 94015
EPA ID:		CAR000294488
Contact Name:		AMBER DURKIN
Contact Address:		WILMOT ROAD 5TH FLOOR
Contact City,State,Zip:		DEERFIELD, IL 60015
Contact Telephone:		847-964-8816
Contact Fax:		Not reported
Contact Email:		AMBER.DURKIN@WALGREENS.COM
Contact Title:		APS SAFETY MGR
EPA Region:		09
Land Type:		Private
Federal Waste Generator Description:		Conditionally Exempt Small Quantity Generator
Non-Notifier:		Not reported
Biennial Report Cycle:		Not reported
Accessibility:		Not reported
Active Site Indicator:		Handler Activities
State District Owner:		Not reported
State District:		Not reported
Mailing Address:		WILMOT ROAD 5TH FLOOR
Mailing City,State,Zip:		DEERFIELD, IL 60015
Owner Name:		KIMCO WESTLAKE LP
Owner Type:		Private
Operator Name:		KIMCO WESTLAKE LP
Operator Type:		Private
Short-Term Generator Activity:		No
Importer Activity:		No
Mixed Waste Generator:		No
Transporter Activity:		No
Transfer Facility Activity:		No
Recycler Activity with Storage:		No
Small Quantity On-Site Burner Exemption:		No
Smelting Melting and Refining Furnace Exemption:		No
Underground Injection Control:		No
Off-Site Waste Receipt:		No
Universal Waste Indicator:		No
Universal Waste Destination Facility:		No
Federal Universal Waste:		No
Active Site Fed-Reg Treatment Storage and Disposal Facility:		Not reported
Active Site Converter Treatment storage and Disposal Facility:		Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:		Not reported

WALGREENS STORE #324 (Continued) **1025502057**

Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2020-05-15 18:11:52.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Hazardous Waste Summary:

Waste Code:	D001
Waste Description:	IGNITABLE WASTE
Waste Code:	D002
Waste Description:	CORROSIVE WASTE
Waste Code:	D007
Waste Description:	CHROMIUM
Waste Code:	D009
Waste Description:	MERCURY
Waste Code:	D010
Waste Description:	SELENIUM

WALGREENS STORE #324 (Continued) **1025502057**

Waste Code: D016
Waste Description: 2,4-D (2,4-DICHLOROPHENOXYACETIC ACID)

Waste Code: D035
Waste Description: METHYL ETHYL KETONE

Waste Code: P001
Waste Description: 2H-1-BENZOPYRAN-2-ONE, 4-HYDROXY-3-(3-OXO-1-PHENYLBUTYL)-, & SALTS, WHEN PRESENT AT CONCENTRATIONS GREATER THAN 0.3% (OR) WARFARIN, & SALTS, WHEN PRESENT AT CONCENTRATIONS GREATER THAN 0.3%

Waste Code: P075
Waste Description: NICOTINE, & SALTS (OR) PYRIDINE, 3-(1-METHYL-2-PYRROLIDINYL)-,(S)-, & SALTS

Handler - Owner Operator:
Owner/Operator Indicator: Owner
Owner/Operator Name: KIMCO WESTLAKE LP
Legal Status: Private
Date Became Current: 2008-01-01 00:00:00.
Date Ended Current: Not reported
Owner/Operator Address: 3333 NEW HYDE PARK RD STE 100
Owner/Operator City,State,Zip: NEW HYDE PARK, NY 11042
Owner/Operator Telephone: Not reported
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator
Owner/Operator Name: KIMCO WESTLAKE LP
Legal Status: Private
Date Became Current: 1920-03-29 00:00:00.
Date Ended Current: Not reported
Owner/Operator Address: 3333 NEW HYDE PARK RD STE 100
Owner/Operator City,State,Zip: NEW HYDE PARK, NY 11042
Owner/Operator Telephone: Not reported
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator
Owner/Operator Name: KIMCO WESTLAKE LP
Legal Status: Private
Date Became Current: 1920-03-29 00:00:00.
Date Ended Current: Not reported
Owner/Operator Address: 3333 NEW HYDE PARK RD STE 100
Owner/Operator City,State,Zip: NEW HYDE PARK, NY 11042
Owner/Operator Telephone: Not reported
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: KIMCO WESTLAKE LP
Legal Status: Private
Date Became Current: 2008-01-01 00:00:00.
Date Ended Current: Not reported

WALGREENS STORE #324 (Continued) **1025502057**

Owner/Operator Address: 3333 NEW HYDE PARK RD STE 100
Owner/Operator City,State,Zip: NEW HYDE PARK, NY 11042
Owner/Operator Telephone: Not reported
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:
Receive Date: 2019-04-23 00:00:00.0
Handler Name: WALGREENS STORE #324
Federal Waste Generator Description: Large Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: No
Electronic Manifest Broker: No

Receive Date: 2020-05-14 00:00:00.0
Handler Name: WALGREENS STORE #324
Federal Waste Generator Description: Conditionally Exempt Small Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: No
Electronic Manifest Broker: No

List of NAICS Codes and Descriptions:
NAICS Code: 446110
NAICS Description: PHARMACIES AND DRUG STORES

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

H73 **CHIPOTLE MEXICAN GRILL #1102** **San Mateo Co. BI** **S117040490**
North **213 WESTLAKE** **N/A**
1/8-1/4 **DALY CITY, CA 94015**
0.172 mi.
908 ft. **Site 28 of 36 in cluster H**

Relative: San Mateo Co. BI:
Lower Name: CHIPOTLE MEXICAN GRILL #1102
Actual: Address: 213 WESTLAKE
91 ft. City,State,Zip: DALY CITY, CA 94015
Region: SAN MATEO

CHIPOTLE MEXICAN GRILL #1102 (Continued) **S117040490**

Facility ID:	FA0035251
Prog Element Code:	STORES MV FUELS OR WASTE ONLY
Record Id:	PR0077151
Description:	STORES MV FUELS OR WASTE ONLY
Facility Status:	Active, billable
Program Category:	BUSINESS PLAN PROGRAM

H74 **NATIONS HAMBURGERS RESTAURANT** **San Mateo Co. BI** **S123183282**
North **201 WESTLAKE CENTER** **N/A**
1/8-1/4 **DALY CITY, CA 94015**
0.172 mi.
909 ft. **Site 29 of 36 in cluster H**

Relative: **Lower**
Actual: **91 ft.**

San Mateo Co. BI:

Name:	NATIONS HAMBURGERS RESTAURANT
Address:	201 WESTLAKE CENTER
City,State,Zip:	DALY CITY, CA 94015
Region:	SAN MATEO
Facility ID:	FA0052553
Prog Element Code:	STORMWATER ANNUAL INSPECTION FEE
Record Id:	PR0073794
Description:	STORMWATER ANNUAL FEE - INSP FREQ EVERY 2 YRS
Facility Status:	Inactive, non-billable
Program Category:	STORMWATER

H75 **ALLIED WASTE INDUSTRIES DALY CITY** **AST** **A100340066**
North **120 WESTLAKE** **N/A**
1/8-1/4 **DALY CITY, CA**
0.173 mi.
916 ft. **Site 30 of 36 in cluster H**

Relative: **Lower**
Actual: **90 ft.**

AST:

Name:	ALLIED WASTE INDUSTRIES DALY CITY
Address:	120 WESTLAKE
City/Zip:	DALY CITY,
Certified Unified Program Agencies:	San Mateo
Owner:	Not reported
Total Gallons:	1,320
CERSID:	Not reported
Facility ID:	Not reported
Business Name:	Not reported
Phone:	Not reported
Fax:	Not reported
Mailing Address:	Not reported
Mailing Address City:	Not reported
Mailing Address State:	Not reported
Mailing Address Zip Code:	Not reported
Operator Name:	Not reported
Operator Phone:	Not reported
Owner Phone:	Not reported
Owner Mail Address:	Not reported
Owner State:	Not reported
Owner Zip Code:	Not reported
Owner Country:	Not reported
Property Owner Name:	Not reported
Property Owner Phone:	Not reported

ALLIED WASTE INDUSTRIES DALY CITY (Continued) **A100340066**

Property Owner Mailing Address:	Not reported
Property Owner City:	Not reported
Property Owner Stat :	Not reported
Property Owner Zip Code:	Not reported
Property Owner Country:	Not reported
EPAID:	Not reported

H76 **TJ MAXX 1112** **San Mateo Co. BI** **S116348369**
North **100 WESTLAKE** **N/A**
1/8-1/4 **DALY CITY, CA 94015**
0.174 mi.
918 ft. **Site 31 of 36 in cluster H**

Relative: **Lower**
Actual: **90 ft.**

San Mateo Co. BI:

Name:	TJ MAXX 1112
Address:	100 WESTLAKE
City,State,Zip:	DALY CITY, CA 94015
Region:	SAN MATEO
Facility ID:	FA0055408
Prog Element Code:	GENERATES <27 GAL/YEAR
Record Id:	PR0076384
Description:	GENERATES <27 GAL/YEAR
Facility Status:	Inactive, non-billable
Program Category:	HAZARDOUS WASTE PROGRAM

H77 **TARGET STORE T3353** **RCRA-LQG** **1026057796**
North **100 WESTLAKE CENTER** **CAR000304774**
1/8-1/4 **DALY CITY, CA 94015**
0.174 mi.
918 ft. **Site 32 of 36 in cluster H**

Relative: **Lower**
Actual: **90 ft.**

RCRA-LQG:

Date Form Received by Agency:		2020-02-14 00:00:00.0
Handler Name:	TARGET STORE T3353	
Handler Address:		100 WESTLAKE CENTER
Handler City,State,Zip:		DALY CITY, CA 94015
EPA ID:		CAR000304774
Contact Name:		STEVE MUSSER
Contact Address:		PO BOX 111
Contact City,State,Zip:		MINNEAPOLIS, MN 55440
Contact Telephone:		800-587-2228
Contact Fax:		Not reported
Contact Email:		POC@TARGET.COM
Contact Title:		SR. COMPLIANCE DIRECTOR
EPA Region:		09
Land Type:		Private
Federal Waste Generator Description:		Large Quantity Generator
Non-Notifier:		Not reported
Biennial Report Cycle:		Not reported
Accessibility:		Not reported
Active Site Indicator:		Handler Activities
State District Owner:		Not reported
State District:		Not reported
Mailing Address:		PO BOX 111
Mailing City,State,Zip:		MINNEAPOLIS, MN 55440
Owner Name:		KIMCO WESTLAKE L.P.

TARGET STORE T3353 (Continued) **1026057796**

Owner Type:	Private
Operator Name:	TARGET CORPORATION
Operator Type:	Private
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2020-02-18 11:12:44.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No

TARGET STORE T3353 (Continued) **1026057796**

Sub-Part P Indicator: No

Hazardous Waste Summary:

Waste Code: D001
Waste Description: IGNITABLE WASTE

Waste Code: D002
Waste Description: CORROSIVE WASTE

Waste Code: D003
Waste Description: REACTIVE WASTE

Waste Code: D005
Waste Description: BARIUM

Waste Code: D006
Waste Description: CADMIUM

Waste Code: D007
Waste Description: CHROMIUM

Waste Code: D008
Waste Description: LEAD

Waste Code: D009
Waste Description: MERCURY

Waste Code: D010
Waste Description: SELENIUM

Waste Code: D011
Waste Description: SILVER

Waste Code: D016
Waste Description: 2,4-D (2,4-DICHLOROPHENOXYACETIC ACID)

Waste Code: D018
Waste Description: BENZENE

Waste Code: D027
Waste Description: 1,4-DICHLOROBENZENE

Waste Code: D035
Waste Description: METHYL ETHYL KETONE

Waste Code: D039
Waste Description: TETRACHLOROETHYLENE

Waste Code: P075
Waste Description: NICOTINE, & SALTS (OR) PYRIDINE, 3-(1-METHYL-2-PYRROLIDINYL)-,(S)-, & SALTS

Waste Code: U002
Waste Description: 2-PROPANONE (I) (OR) ACETONE (I)

Waste Code: U134

TARGET STORE T3353 (Continued) **1026057796**

Waste Description: HYDROFLUORIC ACID (C,T) (OR) HYDROGEN FLUORIDE (C,T)

Waste Code: U154
Waste Description: METHANOL (I) (OR) METHYL ALCOHOL (I)

Waste Code: U188
Waste Description: PHENOL

Waste Code: U279
Waste Description: U279

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name:	KIMCO WESTLAKE L.P.
Legal Status:	Private
Date Became Current:	2002-10-22 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	500 NORTH BROADWAY
Owner/Operator City,State,Zip:	JERICHO, NY 11753
Owner/Operator Telephone:	650-746-7514
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	SINGRIM@KIMCOREALTY.COM

Owner/Operator Indicator:	Operator
Owner/Operator Name:	TARGET CORPORATION
Legal Status:	Private
Date Became Current:	2020-03-15 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 111
Owner/Operator City,State,Zip:	MINNEAPOLIS, MN 55440
Owner/Operator Telephone:	800-587-2228
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	POC@TARGET.COM

Historic Generators:

Receive Date:	2020-02-14 00:00:00.0
Handler Name: TARGET STORE T3353	
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	No
Electronic Manifest Broker:	No

List of NAICS Codes and Descriptions:
NAICS Code: 452210
NAICS Description: DEPARTMENT STORES

Facility Has Received Notices of Violations:

TARGET STORE T3353 (Continued) **1026057796**

Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

H78 **TARGET STORE T3353** **CERS HAZ WASTE** **S126138118**
North **100 WESTLAKE CTR** **N/A**
1/8-1/4 **DALY CITY, CA 94015**
0.174 mi.
918 ft. **Site 33 of 36 in cluster H**

Relative:
Lower

Actual:
90 ft.

CERS HAZ WASTE:
Name: TARGET STORE T3353
Address: 100 WESTLAKE CTR
City,State,Zip: DALY CITY, CA 94015
Site ID: 565099
CERS ID: 10839817
CERS Description: Hazardous Waste Generator

Affiliation:
Affiliation Type Desc: Identification Signer
Entity Name: Steve Musser
Entity Title: Sr. Compliance Director
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: Not reported

Affiliation Type Desc: Document Preparer
Entity Name: Nathan White
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: Not reported

Affiliation Type Desc: Parent Corporation
Entity Name: Target Corporate Office Headquarters
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: Not reported

Affiliation Type Desc: CUPA District
Entity Name: San Mateo County Environmental Health
Entity Title: Not reported
Affiliation Address: 2000 Alameda de las Pulgas, Suite 100
Affiliation City: San Mateo
Affiliation State: CA
Affiliation Country: Not reported

TARGET STORE T3353 (Continued) **S126138118**

Affiliation Zip:	94403
Affiliation Phone:	(650) 372-6200
Affiliation Type Desc:	Legal Owner
Entity Name:	Target Corporation
Entity Title:	Not reported
Affiliation Address:	PO Box 111
Affiliation City:	Minneapolis
Affiliation State:	MN
Affiliation Country:	United States
Affiliation Zip:	55440
Affiliation Phone:	(800) 587-2228
Affiliation Type Desc:	Environmental Contact
Entity Name:	Target Corporation
Entity Title:	Not reported
Affiliation Address:	PO Box 111
Affiliation City:	Minneapolis
Affiliation State:	MN
Affiliation Country:	Not reported
Affiliation Zip:	55440
Affiliation Phone:	Not reported
Affiliation Type Desc:	Facility Mailing Address
Entity Name:	Mailing Address
Entity Title:	Not reported
Affiliation Address:	PO Box 111
Affiliation City:	Minneapolis
Affiliation State:	MN
Affiliation Country:	Not reported
Affiliation Zip:	55440
Affiliation Phone:	Not reported
Affiliation Type Desc:	Operator
Entity Name:	Target Corporation
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	(800) 587-2228

H79 **SAFEWAY NO 3031** **RCRA-SQG 1000856917**
North **85 WESTLAKE MALL** **FINDS CA0000001784**
1/8-1/4 **DALY CITY, CA 94015** **ECHO**
0.174 mi.
921 ft. **Site 34 of 36 in cluster H**

Relative: RCRA-SQG:
Lower

Date Form Received by Agency:		1993-09-20 00:00:00.0
Handler Name:	SAFEWAY NO 3031	
Handler Address:		85 WESTLAKE MALL
Handler City,State,Zip:		DALY CITY, CA 94015
EPA ID:		CA0000001784
Contact Name:		WOODY CLIFFORD
Contact Address:		85 WESTLAKE MALL

Actual:
90 ft.

SAFEWAY NO 3031 (Continued) **1000856917**

Contact City,State,Zip:	DALY CITY, CA 94015
Contact Telephone:	415-755-0576
Contact Fax:	Not reported
Contact Email:	Not reported
Contact Title:	Not reported
EPA Region:	09
Land Type:	Private
Federal Waste Generator Description:	Small Quantity Generator
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Handler Activities
State District Owner:	Not reported
State District:	Not reported
Mailing Address:	WESTLAKE MALL
Mailing City,State,Zip:	DALY CITY, CA 94015
Owner Name:	SAFEWAY
Owner Type:	Private
Operator Name:	Not reported
Operator Type:	Not reported
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No

SAFEWAY NO 3031 (Continued) **1000856917**

Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2000-09-15 17:31:30.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	Not reported
Manifest Broker:	Not reported
Sub-Part P Indicator:	Not reported

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name:	SAFEWAY
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	47400 KATO RD
Owner/Operator City,State,Zip:	FREMONT, CA 94538
Owner/Operator Telephone:	510-498-2011
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	1993-09-20 00:00:00.0
Handler Name: SAFEWAY NO 3031	
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

List of NAICS Codes and Descriptions:

NAICS Codes:	No NAICS Codes Found

Facility Has Received Notices of Violations:

Violations:	No Violations Found

Evaluation Action Summary:

Evaluations:	No Evaluations Found

SAFEWAY NO 3031 (Continued) **1000856917**

FINDS:
Registry ID: 110002610185

Click Here:

Environmental Interest/Information System:
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:

Envid:	1000856917
Registry ID:	110002610185
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110002610185
Name:	SAFEWAY NO 3031
Address:	85 WESTLAKE MALL
City,State,Zip:	DALY CITY, CA 94015

H80 **SAFEWAY STORE #3031** **San Mateo Co. BI** **S119781564**
North **85 WESTLAKE CENTER** **N/A**
1/8-1/4 **DALY CITY, CA 94015**
0.174 mi.
921 ft. **Site 35 of 36 in cluster H**

Relative:
Lower

Actual:
90 ft.

San Mateo Co. BI:

Name:	SAFEWAY STORE #3031
Address:	85 WESTLAKE CENTER
City,State,Zip:	DALY CITY, CA 94015
Region:	SAN MATEO
Facility ID:	FA0023433
Prog Element Code:	STORES MV FUELS OR WASTE ONLY
Record Id:	PR0083778
Description:	STORES MV FUELS OR WASTE ONLY
Facility Status:	Inactive, non-billable
Program Category:	BUSINESS PLAN PROGRAM

Name:	SAFEWAY STORE #3031
Address:	85 WESTLAKE CENTER
City,State,Zip:	DALY CITY, CA 94015
Region:	SAN MATEO
Facility ID:	FA0023433
Prog Element Code:	SML QUANTITY GENERATOR(1-199lbs/Mo) OFF-SITE
Record Id:	PR0069816
Description:	SQG OFF-SITE TREATMENT (1-199 LB/MO)
Facility Status:	Inactive, non-billable
Program Category:	MEDICAL WASTE

H81 **SAFEWAY STORE #3031** **San Mateo Co. BI** **S102791139**
North **85 WESTLAKE MALL** **N/A**
1/8-1/4 **DALY CITY, CA 94015**
0.174 mi.
921 ft. **Site 36 of 36 in cluster H**

Relative: San Mateo Co. BI:
Lower

Actual:
90 ft.

Name:	SAFEWAY STORE #3031
Address:	85 WESTLAKE MALL
City,State,Zip:	DALY CITY, CA 94015
Region:	SAN MATEO
Facility ID:	FA0000690
Prog Element Code:	GENERATES and RECYCLES WASTE OIL/SOLVENT
Record Id:	PR0024557
Description:	GENERATES & RECYCLES WASTE OIL/SOLVENT
Facility Status:	Inactive, non-billable
Program Category:	HAZARDOUS WASTE PROGRAM

Name:	SAFEWAY STORE #3031
Address:	85 WESTLAKE MALL
City,State,Zip:	DALY CITY, CA 94015
Region:	SAN MATEO
Facility ID:	FA0000690
Prog Element Code:	STORES HAZ MAT <219GAL,1,999LB, 879FT3
Record Id:	PR0024558
Description:	STORES HAZ MAT <219GAL,1,999LB, 879CF
Facility Status:	Inactive, non-billable
Program Category:	BUSINESS PLAN PROGRAM

J82 **BEN FRANKLIN SCHOOL** **San Mateo Co. BI** **S123181385**
South **700 STEWART** **N/A**
1/8-1/4 **COLMA, CA 94014**
0.197 mi.
1042 ft. **Site 1 of 3 in cluster J**

Relative: San Mateo Co. BI:
Higher

Actual:
156 ft.

Name:	BEN FRANKLIN SCHOOL
Address:	700 STEWART
City,State,Zip:	COLMA, CA 94014
Region:	SAN MATEO
Facility ID:	FA0026590
Prog Element Code:	HAZARDOUS WASTE PROGRAM - GENERAL
Record Id:	PR0038571
Description:	HAZARDOUS WASTE PROGRAM - GENERAL
Facility Status:	Inactive, non-billable
Program Category:	HAZARDOUS WASTE PROGRAM

J83 **BENJAMIN FRANKLIN INTERMEDIATE SCHOOL** **RCRA NonGen / NLR** **1026485112**
South **700 STEWART AVE** **CAC003091235**
1/8-1/4 **DALY CITY, CA 94015**
0.197 mi.
1042 ft. **Site 2 of 3 in cluster J**

Relative: RCRA NonGen / NLR:
Higher

Actual:
156 ft.

Date Form Received by Agency:	2020-11-03 00:00:00.0
Handler Name:	BENJAMIN FRANKLIN INTERMEDIATE SCHOOL
Handler Address:	700 STEWART AVE
Handler City,State,Zip:	DALY CITY, CA 94015

BENJAMIN FRANKLIN INTERMEDIATE SCHOOL (Continued) **1026485112**

EPA ID:	CAC003091235
Contact Name:	BILL HEATH
Contact Address:	101 LINCOLN AVENUE
Contact City,State,Zip:	DALY CITY, CA 94015
Contact Telephone:	650-746-2680
Contact Fax:	Not reported
Contact Email:	JPDELGADO@AURORAESI.COM
Contact Title:	Not reported
EPA Region:	09
Land Type:	Not reported
Federal Waste Generator Description:	Not a generator, verified
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Not reported
State District Owner:	Not reported
State District:	Not reported
Mailing Address:	101 LINCOLN AVENUE
Mailing City,State,Zip:	DALY CITY, CA 94015
Owner Name:	JEFFERSON ELEMENTARY SCHOOL DIST
Owner Type:	Other
Operator Name:	BILL HEATH
Operator Type:	Other
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No

BENJAMIN FRANKLIN INTERMEDIATE SCHOOL (Continued) **1026485112**

TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2020-11-06 21:06:16.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name:	JEFFERSON ELEMENTARY SCHOOL DIST
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	101 LINCOLN AVENUE
Owner/Operator City,State,Zip:	DALY CITY, CA 94015
Owner/Operator Telephone:	650-746-2680
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	BILL HEATH
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	101 LINCOLN AVENUE
Owner/Operator City,State,Zip:	DALY CITY, CA 94015
Owner/Operator Telephone:	650-746-2680
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	2020-11-03 00:00:00.0
Handler Name:	BENJAMIN FRANKLIN INTERMEDIATE SCHOOL
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No

BENJAMIN FRANKLIN INTERMEDIATE SCHOOL (Continued) **1026485112**

Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:
NAICS Code: 61111
NAICS Description: ELEMENTARY AND SECONDARY SCHOOLS

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

J84 **BENJAMIN FRANKLIN MIDDLE SCHOOL** **San Mateo Co. BI** **S123180993**
South **700 STEWART** **N/A**
1/8-1/4 **COLMA, CA 94015**
0.197 mi.
1042 ft. **Site 3 of 3 in cluster J**

Relative: **Higher**
Actual: **156 ft.**

San Mateo Co. BI:
Name: BENJAMIN FRANKLIN MIDDLE SCHOOL
Address: 700 STEWART
City,State,Zip: COLMA, CA 94015
Region: SAN MATEO
Facility ID: FA0025418
Prog Element Code: STORMWATER ANNUAL INSPECTION FEE
Record Id: PR0044178
Description: STORMWATER ANNUAL FEE - INSP FREQ EVERY 2 YRS
Facility Status: Inactive, non-billable
Program Category: STORMWATER

---

85 **WESTLAKE SHOPPING CENTER** **RCRA NonGen / NLR** **1024848446**
NNW **245 LAKE MERCED BLVD** **CAL000404056**
1/8-1/4 **DALY CITY, CA 94015**
0.203 mi.
1070 ft.

Relative: **Lower**
Actual: **97 ft.**

RCRA NonGen / NLR:
Date Form Received by Agency: 2015-01-27 00:00:00.0
Handler Name: WESTLAKE SHOPPING CENTER
Handler Address: 245 LAKE MERCED BLVD
Handler City,State,Zip: DALY CITY, CA 94015-3113
EPA ID: CAL000404056
Contact Name: MARIA TEOS
Contact Address: 15 SOUTHGATE AVE
Contact City,State,Zip: DALY CITY, CA 94015
Contact Telephone: 415-720-3030
Contact Fax: 650-756-3390
Contact Email: MTEOS@KIMCOREALTY.COM
Contact Title: Not reported
EPA Region: 09

WESTLAKE SHOPPING CENTER (Continued) **1024848446**

Land Type:	Not reported
Federal Waste Generator Description:	Not a generator, verified
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Handler Activities
State District Owner:	Not reported
State District:	Not reported
Mailing Address:	15 SOUTHGATE AVE, SUITE 201
Mailing City,State,Zip:	DALY CITY, CA 94015-1413
Owner Name:	KIMCO WESTLAKE LP
Owner Type:	Other
Operator Name:	MARIA TEOS
Operator Type:	Other
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	Yes
Universal Waste Destination Facility:	Yes
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No

WESTLAKE SHOPPING CENTER (Continued) **1024848446**

Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2018-09-06 17:05:41.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name:	KIMCO WESTLAKE LP
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	15 SOUTHGATE AVE, SUITE 201
Owner/Operator City,State,Zip:	DALY CITY, CA 94015-1413
Owner/Operator Telephone:	650-301-3000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	MARIA TEOS
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	15 SOUTHGATE AVE
Owner/Operator City,State,Zip:	DALY CITY, CA 94015
Owner/Operator Telephone:	415-720-3030
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	2015-01-27 00:00:00.0
Handler Name:	WESTLAKE SHOPPING CENTER
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

List of NAICS Codes and Descriptions:

NAICS Code:	23332
NAICS Description:	COMMERCIAL AND INSTITUTIONAL BUILDING CONSTRUCTION

WESTLAKE SHOPPING CENTER (Continued) **1024848446**

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

86
North
1/8-1/4
0.216 mi.
1142 ft.

PATRICK K YEE, D.D.S.
48 PARK PLAZA
DALY CITY, CA 94015

San Mateo Co. BI **S108054723**
N/A

Relative:
Lower

Actual:
96 ft.

San Mateo Co. BI:

Name:	PATRICK K YEE, D.D.S.
Address:	48 PARK PLAZA
City,State,Zip:	DALY CITY, CA 94015
Region:	SAN MATEO
Facility ID:	FA0026398
Prog Element Code:	GENERATES <27 GAL/YEAR
Record Id:	PR0050805
Description:	GENERATES <27 GAL/YEAR
Facility Status:	Inactive, non-billable
Program Category:	HAZARDOUS WASTE PROGRAM

Name:	PATRICK K YEE, D.D.S.
Address:	48 PARK PLAZA
City,State,Zip:	DALY CITY, CA 94015
Region:	SAN MATEO
Facility ID:	FA0026398
Prog Element Code:	SML QUANTITY GENERATOR(1-199lbs/Mo) OFF-SITE
Record Id:	PR0038237
Description:	SQG OFF-SITE TREATMENT (1-199 LB/MO)
Facility Status:	Inactive, non-billable
Program Category:	MEDICAL WASTE

K87
WNW
1/8-1/4
0.221 mi.
1168 ft.

KENDALL SIMMONS
384 BELMAR AVENUE
DALY CITY, CA 94015

Site 1 of 3 in cluster K

RCRA NonGen / NLR **1026483992**
CAC003090077

Relative:
Higher

Actual:
154 ft.

RCRA NonGen / NLR:

Date Form Received by Agency:		2020-10-27 00:00:00.0
Handler Name:	KENDALL SIMMONS	
Handler Address:		384 BELMAR AVENUE
Handler City,State,Zip:		DALY CITY, CA 94015
EPA ID:		CAC003090077
Contact Name:		KENDALL SIMMONS
Contact Address:		384 BELMAR AVENUE
Contact City,State,Zip:		DALY CITY, CA 94015
Contact Telephone:		415-821-0560
Contact Fax:		Not reported
Contact Email:		LILIAN.RAMOS@SYNERGYCOMPANIES.ORG
Contact Title:		Not reported

KENDALL SIMMONS (Continued) **1026483992**

EPA Region:	09
Land Type:	Not reported
Federal Waste Generator Description:	Not a generator, verified
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Not reported
State District Owner:	Not reported
State District:	Not reported
Mailing Address:	384 BELMAR AVENUE
Mailing City,State,Zip:	DALY CITY, CA 94015
Owner Name:	KENDALL SIMMONS
Owner Type:	Other
Operator Name:	KENDALL SIMMONS
Operator Type:	Other
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported

KENDALL SIMMONS (Continued) **1026483992**

Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2020-11-06 21:05:53.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name:	KENDALL SIMMONS
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	384 BELMAR AVENUE
Owner/Operator City,State,Zip:	DALY CITY, CA 94015
Owner/Operator Telephone:	415-821-0560
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	KENDALL SIMMONS
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	384 BELMAR AVENUE
Owner/Operator City,State,Zip:	DALY CITY, CA 94015
Owner/Operator Telephone:	415-821-0560
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	2020-10-27 00:00:00.0
Handler Name: KENDALL SIMMONS	
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

List of NAICS Codes and Descriptions:

NAICS Code:	56299

KENDALL SIMMONS (Continued) **1026483992**

NAICS Description: ALL OTHER WASTE MANAGEMENT SERVICES

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

K88 **STEVE NG** **RCRA NonGen / NLR** **1024754005**
WNW **398 BELMAR AVE** **CAC002973820**
1/8-1/4 **DALY CITY, CA 94015**
0.232 mi.
1225 ft. **Site 2 of 3 in cluster K**

Relative:
Higher

Actual:
158 ft.

RCRA NonGen / NLR:

Date Form Received by Agency:		2018-08-02 00:00:00.0
Handler Name:	STEVE NG	
Handler Address:		398 BELMAR AVE
Handler City,State,Zip:		DALY CITY, CA 94015
EPA ID:		CAC002973820
Contact Name:		STEVE NG
Contact Address:		398 BELMAR AVE
Contact City,State,Zip:		DALY CITY, CA 94015
Contact Telephone:		650-296-6341
Contact Fax:		Not reported
Contact Email:		ZCONSSI@AOL.COM
Contact Title:		Not reported
EPA Region:		09
Land Type:		Not reported
Federal Waste Generator Description:		Not a generator, verified
Non-Notifier:		Not reported
Biennial Report Cycle:		Not reported
Accessibility:		Not reported
Active Site Indicator:		Handler Activities
State District Owner:		Not reported
State District:		Not reported
Mailing Address:		398 BELMAR AVE
Mailing City,State,Zip:		DALY CITY, CA 94015
Owner Name:		STEVE NG
Owner Type:		Other
Operator Name:		STEVE NG
Operator Type:		Other
Short-Term Generator Activity:		No
Importer Activity:		No
Mixed Waste Generator:		No
Transporter Activity:		No
Transfer Facility Activity:		No
Recycler Activity with Storage:		No
Small Quantity On-Site Burner Exemption:		No
Smelting Melting and Refining Furnace Exemption:		No
Underground Injection Control:		No
Off-Site Waste Receipt:		No
Universal Waste Indicator:		Yes
Universal Waste Destination Facility:		Yes
Federal Universal Waste:		No
Active Site Fed-Reg Treatment Storage and Disposal Facility:		Not reported

STEVE NG (Continued) **1024754005**

Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2018-08-31 17:13:56.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name:	STEVE NG
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	398 BELMAR AVE
Owner/Operator City,State,Zip:	DALY CITY, CA 94015
Owner/Operator Telephone:	650-296-6341
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator

STEVE NG (Continued) **1024754005**

Owner/Operator Name:	STEVE NG
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	398 BELMAR AVE
Owner/Operator City,State,Zip:	DALY CITY, CA 94015
Owner/Operator Telephone:	650-296-6341
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	2018-08-02 00:00:00.0
Handler Name: STEVE NG	
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

List of NAICS Codes and Descriptions:

NAICS Code:	56299
NAICS Description:	ALL OTHER WASTE MANAGEMENT SERVICES

Facility Has Received Notices of Violations:

Violations:	No Violations Found

Evaluation Action Summary:

Evaluations:	No Evaluations Found

K89 **NANCY UHARRIET** **RCRA NonGen / NLR** **1024753236**
WNW **49 TERRACE AVE.** **CAC002973048**
1/8-1/4 **DALY CITY, CA 94015**
0.233 mi.
1228 ft. **Site 3 of 3 in cluster K**

Relative:
Higher

Actual:
153 ft.

RCRA NonGen / NLR:

Date Form Received by Agency:		2018-07-27 00:00:00.0
Handler Name:	NANCY UHARRIET	
Handler Address:		49 TERRACE AVE.
Handler City,State,Zip:		DALY CITY, CA 94015
EPA ID:		CAC002973048
Contact Name:		NANCY UHARRIET
Contact Address:		49 TERRACE AVE.
Contact City,State,Zip:		DALY CITY, CA 94015
Contact Telephone:		650-991-9112
Contact Fax:		Not reported
Contact Email:		CLAUDIA.MIRANDA@ATIRESTORATION.COM
Contact Title:		Not reported
EPA Region:		09

NANCY UHARRIET (Continued) **1024753236**

Land Type:	Not reported
Federal Waste Generator Description:	Not a generator, verified
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Handler Activities
State District Owner:	Not reported
State District:	Not reported
Mailing Address:	49 TERRACE AVE.
Mailing City,State,Zip:	DALY CITY, CA 94015
Owner Name:	NANCY UHARRIET
Owner Type:	Other
Operator Name:	NANCY UHARRIET
Operator Type:	Other
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	Yes
Universal Waste Destination Facility:	Yes
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No

NANCY UHARRIET (Continued) **1024753236**

Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2018-08-31 17:13:21.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name:	NANCY UHARRIET
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	49 TERRACE AVE.
Owner/Operator City,State,Zip:	DALY CITY, CA 94015
Owner/Operator Telephone:	650-991-9112
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	NANCY UHARRIET
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	49 TERRACE AVE.
Owner/Operator City,State,Zip:	DALY CITY, CA 94015
Owner/Operator Telephone:	650-991-9112
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	2018-07-27 00:00:00.0
Handler Name: NANCY UHARRIET	
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

List of NAICS Codes and Descriptions:

NAICS Code:	56299
NAICS Description:	ALL OTHER WASTE MANAGEMENT SERVICES

NANCY UHARRIET (Continued) **1024753236**

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

90
West
1/8-1/4
0.233 mi.
1230 ft.

BILL LEHEW
34 FAIRLAWN AVE
DALY CITY, CA 94015

RCRA NonGen / NLR **1026047446**
CAC003054006

Relative:
Higher

Actual:
145 ft.

RCRA NonGen / NLR:

Date Form Received by Agency:		2020-02-03 00:00:00.0
Handler Name:	BILL LEHEW	
Handler Address:		34 FAIRLAWN AVE
Handler City,State,Zip:		DALY CITY, CA 94015
EPA ID:		CAC003054006
Contact Name:		BILL LEHEW
Contact Address:		34 FAIRLAWN AVE
Contact City,State,Zip:		DALY CITY, CA 94015
Contact Telephone:		650-740-6543
Contact Fax:		Not reported
Contact Email:		HAYWARD.RECEPTIONIST@SYNERGYCOMPANIES.OR
Contact Title:		Not reported
EPA Region:		09
Land Type:		Not reported
Federal Waste Generator Description:		Not a generator, verified
Non-Notifier:		Not reported
Biennial Report Cycle:		Not reported
Accessibility:		Not reported
Active Site Indicator:		Not reported
State District Owner:		Not reported
State District:		Not reported
Mailing Address:		34 FAIRLAWN AVE
Mailing City,State,Zip:		DALY CITY, CA 94015
Owner Name:		BILL LEHEW
Owner Type:		Other
Operator Name:		BILL LEHEW
Operator Type:		Other
Short-Term Generator Activity:		No
Importer Activity:		No
Mixed Waste Generator:		No
Transporter Activity:		No
Transfer Facility Activity:		No
Recycler Activity with Storage:		No
Small Quantity On-Site Burner Exemption:		No
Smelting Melting and Refining Furnace Exemption:		No
Underground Injection Control:		No
Off-Site Waste Receipt:		No
Universal Waste Indicator:		No
Universal Waste Destination Facility:		No
Federal Universal Waste:		No
Active Site Fed-Reg Treatment Storage and Disposal Facility:		Not reported
Active Site Converter Treatment storage and Disposal Facility:		Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:		Not reported

BILL LEHEW (Continued) **1026047446**

Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2020-02-10 17:53:30.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Handler - Owner Operator:

Owner/Operator Indicator:	Operator
Owner/Operator Name:	BILL LEHEW
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	34 FAIRLAWN AVE
Owner/Operator City,State,Zip:	DALY CITY, CA 94015
Owner/Operator Telephone:	650-740-6543
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	BILL LEHEW
Legal Status:	Other

BILL LEHEW (Continued) **1026047446**

Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	34 FAIRLAWN AVE
Owner/Operator City,State,Zip:	DALY CITY, CA 94015
Owner/Operator Telephone:	650-740-6543
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	2020-02-03 00:00:00.0
Handler Name: BILL LEHEW	
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

List of NAICS Codes and Descriptions:

NAICS Code:	56299
NAICS Description:	ALL OTHER WASTE MANAGEMENT SERVICES

Facility Has Received Notices of Violations:

Violations:	No Violations Found

Evaluation Action Summary:

Evaluations:	No Evaluations Found

91
NE
1/8-1/4
0.239 mi.
1264 ft.

NORMAN RAMION **RCRA NonGen / NLR** **1024752255**
68 PARKWOOD DRIVE **CAC002972059**
DALY CITY, CA 94015

Relative:
Higher

Actual:
113 ft.

RCRA NonGen / NLR:

Date Form Received by Agency:		2018-07-20 00:00:00.0
Handler Name:	NORMAN RAMION	
Handler Address:		68 PARKWOOD DRIVE
Handler City,State,Zip:		DALY CITY, CA 94015
EPA ID:		CAC002972059
Contact Name:		NORMAN RAMION
Contact Address:		68 PARKWOOD DRIVE
Contact City,State,Zip:		DALY CITY, CA 94015
Contact Telephone:		415-513-3368
Contact Fax:		Not reported
Contact Email:		NICOLE@ENV-REM.COM
Contact Title:		Not reported
EPA Region:		09
Land Type:		Not reported
Federal Waste Generator Description:		Not a generator, verified

NORMAN RAMION (Continued) **1024752255**

Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Handler Activities
State District Owner:	Not reported
State District:	Not reported
Mailing Address:	68 PARKWOOD DRIVE
Mailing City,State,Zip:	DALY CITY, CA 94015
Owner Name:	NORMAN RAMION
Owner Type:	Other
Operator Name:	NORMAN RAMION
Operator Type:	Other
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	Yes
Universal Waste Destination Facility:	Yes
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No

NORMAN RAMION (Continued) **1024752255**

Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2018-08-31 17:12:42.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Handler - Owner Operator:

Owner/Operator Indicator:	Operator
Owner/Operator Name:	NORMAN RAMION
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	68 PARKWOOD DRIVE
Owner/Operator City,State,Zip:	DALY CITY, CA 94015
Owner/Operator Telephone:	415-513-3368
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	NORMAN RAMION
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	68 PARKWOOD DRIVE
Owner/Operator City,State,Zip:	DALY CITY, CA 94015
Owner/Operator Telephone:	415-513-3368
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	2018-07-20 00:00:00.0
Handler Name: NORMAN RAMION	
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

List of NAICS Codes and Descriptions:

NAICS Code:	56299
NAICS Description:	ALL OTHER WASTE MANAGEMENT SERVICES

NORMAN RAMION (Continued) **1024752255**

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

92
North
1/4-1/2
0.283 mi.
1494 ft.

Relative:
Lower

Actual:
90 ft.

WESTLAKE FRENCH CLEANERS
3300 S MAY FAIR AVE
DALY CITY, CA 94015

RCRA-SQG **1000414067**
LUST **CAD981634983**
CPS-SLIC
FINDS
ECHO
San Mateo Co. BI
DRYCLEANERS
EMI
HAZNET
HWTS

RCRA-SQG:

Date Form Received by Agency:	1996-09-01 00:00:00.0
Handler Name:	WESTLAKE FRENCH CLEANERS
Handler Address:	3300 S MAY FAIR AVE
Handler City,State,Zip:	DALY CITY, CA 94015
EPA ID:	CAD981634983
Contact Name:	Not reported
Contact Address:	Not reported
Contact City,State,Zip:	Not reported
Contact Telephone:	Not reported
Contact Fax:	Not reported
Contact Email:	Not reported
Contact Title:	Not reported
EPA Region:	09
Land Type:	Not reported
Federal Waste Generator Description:	Small Quantity Generator
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Handler Activities
State District Owner:	CA
State District:	2
Mailing Address:	330 S MAY FAIR AVE
Mailing City,State,Zip:	DALY CITY, CA 94015
Owner Name:	Not reported
Owner Type:	Not reported
Operator Name:	NOT REQUIRED
Operator Type:	Private
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No

WESTLAKE FRENCH CLEANERS (Continued) **1000414067**

Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2002-06-27 03:27:07.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	Not reported
Manifest Broker:	Not reported
Sub-Part P Indicator:	Not reported

Handler - Owner Operator:

Owner/Operator Indicator:	Operator
Owner/Operator Name:	NOT REQUIRED
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	NOT REQUIRED
Owner/Operator City,State,Zip:	NOT REQUIRED, ME 99999
Owner/Operator Telephone:	415-555-1212
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported

WESTLAKE FRENCH CLEANERS (Continued) **1000414067**

Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: KIM CHUL
Legal Status: Private
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: NOT REQUIRED
Owner/Operator City,State,Zip: NOT REQUIRED, ME 99999
Owner/Operator Telephone: 415-555-1212
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:
Receive Date: 1996-09-01 00:00:00.0
Handler Name: WESTLAKE FRENCH CLEANERS
Federal Waste Generator Description: Small Quantity Generator
State District Owner: CA
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 1986-12-16 00:00:00.0
Handler Name: WESTLAKE FRENCH CLEANERS
Federal Waste Generator Description: Large Quantity Generator
State District Owner: CA
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:
NAICS Code: 81232
NAICS Description: DRYCLEANING AND LAUNDRY SERVICES (EXCEPT COIN-OPERATED)

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

SAN MATEO CO. LUST:
Name: WESTLAKE FRENCH CLEANERS
Address: 247 WESTLAKE CENTER

WESTLAKE FRENCH CLEANERS (Continued) **1000414067**

City,State,Zip: DALY CITY, CA
Region: SAN MATEO
Facility ID: 229066
Facility Status: 3B- Preliminary Assessment Underway
Global ID: SL0608106505
APN Number: 002170230
Case Type: DALY CITY, CA
EDR Link ID: DALY CITY, CA

CPS-SLIC:
Name: WESTLAKE FRENCH CLEANERS
Address: 247 WESTLAKE CENTER
City,State,Zip: DALY CITY, CA 94015
Region: STATE
Facility Status: **Open - Site Assessment**
Status Date: 06/04/2008
Global Id: SL0608106505
Lead Agency: SAN MATEO COUNTY LOP
Lead Agency Case Number: 229066
Latitude: 37.7010991571514
Longitude: -122.482081285706
Case Type: Cleanup Program Site
Case Worker: JM
Local Agency: SAN MATEO COUNTY LOP
RB Case Number: Not reported
File Location: Local Agency
Potential Media Affected: Soil
Potential Contaminants of Concern: Tetrachloroethylene (PCE)
Site History: Can be extracted from most recent report in Geotracker or at San Mateo County offices if submitted prior to 2005, San Mateo County does not take responsibility for the accuracy of the statements made or any professional interpretations made in the referenced report.

Click here to access the California GeoTracker records for this facility:

FINDS:
Registry ID: 110064128153

Click Here:

Environmental Interest/Information System:
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:
Envid: 1000414067
Registry ID: 110064128153
DFR URL: http://echo.epa.gov/detailed-facility-report?fid=110064128153
Name: WESTLAKE FRENCH CLEANERS
Address: 3300 S MAY FAIR AVE

WESTLAKE FRENCH CLEANERS (Continued) **1000414067**

City,State,Zip: DALY CITY, CA 94015

San Mateo Co. BI:
Name: WESTLAKE FRENCH CLEANERS
Address: 247 WESTLAKE CENTER
City,State,Zip: DALY CITY, CA 94015
Region: SAN MATEO
Facility ID: FA0017177
Prog Element Code: STORES HAZ MAT <219GAL,1,999LB, 879FT3
Record Id: PR0003665
Description: STORES HAZ MAT <219GAL,1,999LB, 879CF
Facility Status: Inactive, non-billable
Program Category: BUSINESS PLAN PROGRAM

Name: WESTLAKE FRENCH CLEANERS
Address: 247 WESTLAKE CENTER
City,State,Zip: DALY CITY, CA 94015
Region: SAN MATEO
Facility ID: FA0017177
Prog Element Code: GENERATES and RECYCLES WASTE OIL/SOLVENT
Record Id: PR0026614
Description: GENERATES & RECYCLES WASTE OIL/SOLVENT
Facility Status: Inactive, non-billable
Program Category: HAZARDOUS WASTE PROGRAM

DRYCLEANERS:
Name: WESTLAKE FRENCH CLEANERS
Address: 330 S MAYFAIR AVE
City,State,Zip: DALY CITY, CA 940151404
EPA Id: CAD981634983
NAICS Code: 81232
NAICS Description: Drycleaning and Laundry Services (except Coin-Operated)
SIC Code: 7211
SIC Description: Power Laundries, Family and Commercial
Create Date: 07/03/1987
Facility Active: No
Inactive Date: 06/30/2005
Facility Addr2: Not reported
Owner Name: SO YOUNG PAIK
Owner Address: 330 SOUTH MAYFAIR AVE
Owner Address 2: Not reported
Owner Telephone: 6507551700
Contact Name: EUI SIK LEE/MANAGER
Contact Address: 330 SOUTH MAYFAIR AVE
Contact Address 2: Not reported
Contact Telephone: 6507551700
Mailing Name: Not reported
Mailing Address 1: 330 S MAYFAIR AVE
Mailing Address 2: Not reported
Mailing City: DALY CITY
Mailing State: CA
Mailing Zip: 940151404
Owner Fax: Not reported
Region Code: 2

Name: WESTLAKE FRENCH CLEANERS

WESTLAKE FRENCH CLEANERS (Continued) **1000414067**

Address:	330 S MAYFAIR AVE
City,State,Zip:	DALY CITY, CA 940150000
EPA Id:	CAL000250246
NAICS Code:	81232
NAICS Description:	Drycleaning and Laundry Services (except Coin-Operated)
SIC Code:	7211
SIC Description:	Power Laundries, Family and Commercial
Create Date:	04/16/2002
Facility Active:	No
Inactive Date:	06/30/2002
Facility Addr2:	Not reported
Owner Name:	SU YOUNG LEE PECK
Owner Address:	330 S MAYFAIR AVE
Owner Address 2:	Not reported
Owner Telephone:	6507551700
Contact Name:	SHARON ADLER
Contact Address:	330 S MAYFAIR AVE
Contact Address 2:	Not reported
Contact Telephone:	6507551700
Mailing Name:	Not reported
Mailing Address 1:	330 S MAYFAIR AVE
Mailing Address 2:	Not reported
Mailing City:	DALY CITY
Mailing State:	CA
Mailing Zip:	940151404
Owner Fax:	Not reported
Region Code:	2

EMI:

Name:	WESTLAKE FRENCH CLEANERS
Address:	330 SO MAYFAIR AVENUE
City,State,Zip:	DALY CITY, CA 940151404
Year:	1987
County Code:	41
Air Basin:	SF
Facility ID:	301
Air District Name:	BA
SIC Code:	7216
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	2
Reactive Organic Gases Tons/Yr:	0
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

Name:	WESTLAKE FRENCH CLEANERS
Address:	330 SO MAYFAIR AVENUE
City,State,Zip:	DALY CITY, CA 940151404
Year:	1990
County Code:	41
Air Basin:	SF
Facility ID:	301
Air District Name:	BA

WESTLAKE FRENCH CLEANERS (Continued) **1000414067**

SIC Code: 7216
Air District Name: BAY AREA AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 1
Reactive Organic Gases Tons/Yr: 0
Carbon Monoxide Emissions Tons/Yr: 0
NOX - Oxides of Nitrogen Tons/Yr: 0
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers and Smllr Tons/Yr: 0

Name: WESTLAKE FRENCH CLEANERS
Address: 330 SO MAYFAIR AVENUE
City,State,Zip: DALY CITY, CA 940151404
Year: 1995
County Code: 41
Air Basin: SF
Facility ID: 301
Air District Name: BA
SIC Code: 7216
Air District Name: BAY AREA AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 1
Reactive Organic Gases Tons/Yr: 0
Carbon Monoxide Emissions Tons/Yr: 0
NOX - Oxides of Nitrogen Tons/Yr: 0
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers and Smllr Tons/Yr: 0

Name: WESTLAKE FRENCH CLEANERS
Address: 330 SO MAYFAIR AVENUE
City,State,Zip: DALY CITY, CA 940151404
Year: 1996
County Code: 41
Air Basin: SF
Facility ID: 301
Air District Name: BA
SIC Code: 7216
Air District Name: BAY AREA AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 0
Reactive Organic Gases Tons/Yr: 0
Carbon Monoxide Emissions Tons/Yr: 0
NOX - Oxides of Nitrogen Tons/Yr: 0
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers and Smllr Tons/Yr: 0

Name: WESTLAKE FRENCH CLEANERS
Address: 330 SO MAYFAIR AVENUE
City,State,Zip: DALY CITY, CA 940151404
Year: 1997
County Code: 41

WESTLAKE FRENCH CLEANERS (Continued) **1000414067**

Air Basin:	SF
Facility ID:	301
Air District Name:	BA
SIC Code:	7216
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0
Reactive Organic Gases Tons/Yr:	0
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

Name:	WESTLAKE FRENCH CLEANERS
Address:	330 SO MAYFAIR AVENUE
City,State,Zip:	DALY CITY, CA 940151404
Year:	1998
County Code:	41
Air Basin:	SF
Facility ID:	301
Air District Name:	BA
SIC Code:	7216
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0
Reactive Organic Gases Tons/Yr:	0
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

Name:	WESTLAKE FRENCH CLEANERS
Address:	330 SO MAYFAIR AVENUE
City,State,Zip:	DALY CITY, CA 940151404
Year:	1999
County Code:	41
Air Basin:	SF
Facility ID:	301
Air District Name:	BA
SIC Code:	7216
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0
Reactive Organic Gases Tons/Yr:	0
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

Name:	WESTLAKE FRENCH CLEANERS
Address:	330 SO MAYFAIR AVENUE

WESTLAKE FRENCH CLEANERS (Continued) **1000414067**

City,State,Zip:	DALY CITY, CA 940151404
Year:	2000
County Code:	41
Air Basin:	SF
Facility ID:	301
Air District Name:	BA
SIC Code:	7216
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0
Reactive Organic Gases Tons/Yr:	0
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

Name:	WESTLAKE FRENCH CLEANERS
Address:	330 SO MAYFAIR AVENUE
City,State,Zip:	DALY CITY, CA 940151404
Year:	2001
County Code:	41
Air Basin:	SF
Facility ID:	301
Air District Name:	BA
SIC Code:	7216
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0
Reactive Organic Gases Tons/Yr:	0
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

Name:	WESTLAKE FRENCH CLEANERS
Address:	330 SO MAYFAIR AVENUE
City,State,Zip:	DALY CITY, CA 940151404
Year:	2002
County Code:	41
Air Basin:	SF
Facility ID:	301
Air District Name:	BA
SIC Code:	7216
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0
Reactive Organic Gases Tons/Yr:	0
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

WESTLAKE FRENCH CLEANERS (Continued) **1000414067**

Name:	WESTLAKE FRENCH CLEANERS
Address:	330 SO MAYFAIR AVENUE
City,State,Zip:	DALY CITY, CA 940151404
Year:	2003
County Code:	41
Air Basin:	SF
Facility ID:	301
Air District Name:	BA
SIC Code:	7216
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0
Reactive Organic Gases Tons/Yr:	0
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

Name:	WESTLAKE FRENCH CLEANERS
Address:	330 SO MAYFAIR AVENUE
City,State,Zip:	DALY CITY, CA 940151404
Year:	2004
County Code:	41
Air Basin:	SF
Facility ID:	15782
Air District Name:	BA
SIC Code:	7216
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0.238
Reactive Organic Gases Tons/Yr:	0
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

Name:	WESTLAKE FRENCH CLEANERS
Address:	330 SO MAYFAIR AVENUE
City,State,Zip:	DALY CITY, CA 940151404
Year:	2005
County Code:	41
Air Basin:	SF
Facility ID:	15782
Air District Name:	BA
SIC Code:	7216
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0
Reactive Organic Gases Tons/Yr:	0
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0

WESTLAKE FRENCH CLEANERS (Continued) **1000414067**

Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers and Smllr Tons/Yr: 0

Name: WESTLAKE FRENCH CLEANERS
Address: 330 SO MAYFAIR AVENUE
City,State,Zip: DALY CITY, CA 940151404
Year: 2006
County Code: 41
Air Basin: SF
Facility ID: 15782
Air District Name: BA
SIC Code: 7216
Air District Name: BAY AREA AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: .221
Reactive Organic Gases Tons/Yr: 0
Carbon Monoxide Emissions Tons/Yr: 0
NOX - Oxides of Nitrogen Tons/Yr: 0
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers and Smllr Tons/Yr: 0

Name: WESTLAKE FRENCH CLEANERS
Address: 330 SO MAYFAIR AVENUE
City,State,Zip: DALY CITY, CA 940151404
Year: 2007
County Code: 41
Air Basin: SF
Facility ID: 15782
Air District Name: BA
SIC Code: 7216
Air District Name: BAY AREA AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: .238
Reactive Organic Gases Tons/Yr: .1662668
Carbon Monoxide Emissions Tons/Yr: 0
NOX - Oxides of Nitrogen Tons/Yr: 0
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers and Smllr Tons/Yr: 0

Name: WESTLAKE FRENCH CLEANERS
Address: 330 SO MAYFAIR AVENUE
City,State,Zip: DALY CITY, CA 94015
Year: 2008
County Code: 41
Air Basin: SF
Facility ID: 15782
Air District Name: BA
SIC Code: 7216
Air District Name: BAY AREA AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: .238
Reactive Organic Gases Tons/Yr: 0

WESTLAKE FRENCH CLEANERS (Continued) **1000414067**

Carbon Monoxide Emissions Tons/Yr: 0
NOX - Oxides of Nitrogen Tons/Yr: 0
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers and Smllr Tons/Yr: 0

Name: WESTLAKE FRENCH CLEANERS
Address: 330 SO MAYFAIR AVENUE
City,State,Zip: DALY CITY, CA 94015
Year: 2009
County Code: 41
Air Basin: SF
Facility ID: 15782
Air District Name: BA
SIC Code: 7216
Air District Name: BAY AREA AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 0.23799999999999999
Reactive Organic Gases Tons/Yr: 0
Carbon Monoxide Emissions Tons/Yr: 0
NOX - Oxides of Nitrogen Tons/Yr: 0
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers and Smllr Tons/Yr: 0

Name: WESTLAKE FRENCH CLEANERS
Address: 330 SO MAYFAIR AVENUE
City,State,Zip: DALY CITY, CA 94015
Year: 2010
County Code: 41
Air Basin: SF
Facility ID: 15782
Air District Name: BA
SIC Code: 7216
Air District Name: BAY AREA AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 0.23799999999999999
Reactive Organic Gases Tons/Yr: 0.16626679999999999
Carbon Monoxide Emissions Tons/Yr: 0
NOX - Oxides of Nitrogen Tons/Yr: 0
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers and Smllr Tons/Yr: 0

HAZNET:
Name: WESTLAKE FRENCH CLEANERS
Address: 330 S MAYFAIR AVE
Address 2: Not reported
City,State,Zip: DALY CITY, CA 940151404
Contact: EUI SIK LEE/MANAGER
Telephone: 6507551700
Mailing Name: Not reported
Mailing Address: 330 S MAYFAIR AVE

Year: 2004

WESTLAKE FRENCH CLEANERS (Continued) **1000414067**

Gepaid: CAD981634983
TSD EPA ID: CA0000084517
CA Waste Code: 741 - Liquids with halogenated organic compounds >= 1,000 Mg./L
Disposal Method: H01 - Transfer Station
Tons: 0.585

Year: 2003
Gepaid: CAD981634983
TSD EPA ID: CA0000084517
CA Waste Code: 741 - Liquids with halogenated organic compounds >= 1,000 Mg./L
Disposal Method: H01 - Transfer Station
Tons: 0.225

Year: 2002
Gepaid: CAD981634983
TSD EPA ID: CA0000084517
CA Waste Code: 741 - Liquids with halogenated organic compounds >= 1,000 Mg./L
Disposal Method: H01 - Transfer Station
Tons: 0.195

Year: 2001
Gepaid: CAD981634983
TSD EPA ID: CA0000084517
CA Waste Code: 741 - Liquids with halogenated organic compounds >= 1,000 Mg./L
Disposal Method: H01 - Transfer Station
Tons: 0.195

Year: 2000
Gepaid: CAD981634983
TSD EPA ID: CA0000084517
CA Waste Code: 741 - Liquids with halogenated organic compounds >= 1,000 Mg./L
Disposal Method: H01 - Transfer Station
Tons: 0.2925

Year: 1999
Gepaid: CAD981634983
TSD EPA ID: CA0000084517
CA Waste Code: 741 - Liquids with halogenated organic compounds >= 1,000 Mg./L
Disposal Method: H01 - Transfer Station
Tons: 0.2925

Year: 1998
Gepaid: CAD981634983
TSD EPA ID: CA0000084517
CA Waste Code: 741 - Liquids with halogenated organic compounds >= 1,000 Mg./L
Disposal Method: H01 - Transfer Station
Tons: 0.3525

Year: 1998
Gepaid: CAD981634983
TSD EPA ID: CA0000084517
CA Waste Code: 741 - Liquids with halogenated organic compounds >= 1,000 Mg./L
Disposal Method: -
Tons: 0.0975

Year: 1997
Gepaid: CAD981634983

WESTLAKE FRENCH CLEANERS (Continued) **1000414067**

TSD EPA ID:	CA0000084517
CA Waste Code:	741 - Liquids with halogenated organic compounds >= 1,000 Mg./L
Disposal Method:	H01 - Transfer Station
Tons:	0.42
Year:	1996
Gepaid:	CAD981634983
TSD EPA ID:	CA0000084517
CA Waste Code:	741 - Liquids with halogenated organic compounds >= 1,000 Mg./L
Disposal Method:	H01 - Transfer Station
Tons:	0.285

Click this hyperlink while viewing on your computer to access
9 additional CA HAZNET: record(s) in the EDR Site Report.

Additional Info:

Year:	2003
Gen EPA ID:	CAD981634983
Shipment Date:	20030904
Creation Date:	7/13/2004 10:48:19
Receipt Date:	20030909
Manifest ID:	22877351
Trans EPA ID:	TXR000050930
Trans Name:	SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CA0000084517
Trans Name:	SAFETY-KLEEN SYSTEMS INC
TSDF Alt EPA ID:	CA0000084517
TSDF Alt Name:	Not reported
Waste Code Description:	741 - Liquids with halogenated organic compounds > 1000 mg/l
RCRA Code:	F002
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.0975
Waste Quantity:	195
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20030513
Creation Date:	6/22/2004 9:47:57
Receipt Date:	20030516
Manifest ID:	22376418
Trans EPA ID:	TXR000050930
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CA0000084517
Trans Name:	Not reported
TSDF Alt EPA ID:	CA0000084517
TSDF Alt Name:	Not reported
Waste Code Description:	741 - Liquids with halogenated organic compounds > 1000 mg/l

WESTLAKE FRENCH CLEANERS (Continued) **1000414067**

RCRA Code:	F002
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.0975
Waste Quantity:	195
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20030318
Creation Date:	6/21/2003 18:30:56
Receipt Date:	20030321
Manifest ID:	22437070
Trans EPA ID:	TXR000050930
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CA0000084517
Trans Name:	Not reported
TSDF Alt EPA ID:	CA0000084517
TSDF Alt Name:	Not reported
Waste Code Description:	741 - Liquids with halogenated organic compounds > 1000 mg/l
RCRA Code:	F002
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.03
Waste Quantity:	60
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	1997
Gen EPA ID:	CAD981634983
Shipment Date:	19971119
Creation Date:	7/23/1998 0:00:00
Receipt Date:	19971121
Manifest ID:	97345176
Trans EPA ID:	ILD984908202
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CA0000084517
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	741 - Liquids with halogenated organic compounds > 1000 mg/l
RCRA Code:	F002
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.0975
Waste Quantity:	195
Quantity Unit:	P

WESTLAKE FRENCH CLEANERS (Continued) **1000414067**

Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19971022
Creation Date:	7/23/1998 0:00:00
Receipt Date:	19971028
Manifest ID:	96844085
Trans EPA ID:	ILD984908202
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CA0000084517
Trans Name:	Not reported
TSDF Alt EPA ID:	CA0000084517
TSDF Alt Name:	Not reported
Waste Code Description:	741 - Liquids with halogenated organic compounds > 1000 mg/l
RCRA Code:	F002
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.03
Waste Quantity:	60
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19970630
Creation Date:	12/4/1997 0:00:00
Receipt Date:	19970703
Manifest ID:	96761520
Trans EPA ID:	ILD984908202
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CA0000084517
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	741 - Liquids with halogenated organic compounds > 1000 mg/l
RCRA Code:	F002
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.0975
Waste Quantity:	195
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19970312
Creation Date:	6/26/1997 0:00:00
Receipt Date:	19970314

WESTLAKE FRENCH CLEANERS (Continued) **1000414067**

Manifest ID:	96375578
Trans EPA ID:	ILD984908202
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CA0000084517
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	741 - Liquids with halogenated organic compounds > 1000 mg/l
RCRA Code:	F002
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.0975
Waste Quantity:	195
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	19970114
Creation Date:	5/30/1997 0:00:00
Receipt Date:	19970115
Manifest ID:	96376716
Trans EPA ID:	ILD984908202
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CA0000084517
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	741 - Liquids with halogenated organic compounds > 1000 mg/l
RCRA Code:	F002
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.0975
Waste Quantity:	195
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	1994
Gen EPA ID:	CAD981634983

Shipment Date:	19941220
Creation Date:	10/19/1995 0:00:00
Receipt Date:	19941222
Manifest ID:	95037583
Trans EPA ID:	ILD984908202
Trans Name:	Not reported
Trans 2 EPA ID:	ILD984908202
Trans 2 Name:	Not reported

WESTLAKE FRENCH CLEANERS (Continued) **1000414067**

TSDF EPA ID:	CAT000613950
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	741 - Liquids with halogenated organic compounds > 1000 mg/l
RCRA Code:	F002
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.0975
Waste Quantity:	195
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	19941025
Creation Date:	3/28/1996 0:00:00
Receipt Date:	19941027
Manifest ID:	93798703
Trans EPA ID:	ILD984908202
Trans Name:	Not reported
Trans 2 EPA ID:	ILD984908202
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT000613950
Trans Name:	Not reported
TSDF Alt EPA ID:	CAT000613950
TSDF Alt Name:	Not reported
Waste Code Description:	741 - Liquids with halogenated organic compounds > 1000 mg/l
RCRA Code:	F002
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.0975
Waste Quantity:	195
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	19940829
Creation Date:	3/26/1996 0:00:00
Receipt Date:	19940901
Manifest ID:	93795456
Trans EPA ID:	ILD984908202
Trans Name:	Not reported
Trans 2 EPA ID:	ILD984908202
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT000613893
Trans Name:	Not reported
TSDF Alt EPA ID:	CAT000613893
TSDF Alt Name:	Not reported
Waste Code Description:	741 - Liquids with halogenated organic compounds > 1000 mg/l
RCRA Code:	F002
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.0975
Waste Quantity:	195

WESTLAKE FRENCH CLEANERS (Continued) **1000414067**

Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19940801
Creation Date:	10/16/1995 0:00:00
Receipt Date:	19940805
Manifest ID:	93678878
Trans EPA ID:	ILD984908202
Trans Name:	Not reported
Trans 2 EPA ID:	ILD984908202
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT000613893
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	741 - Liquids with halogenated organic compounds > 1000 mg/l
RCRA Code:	F002
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.0975
Waste Quantity:	195
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19940705
Creation Date:	3/26/1996 0:00:00
Receipt Date:	19940708
Manifest ID:	93658360
Trans EPA ID:	ILD984908202
Trans Name:	Not reported
Trans 2 EPA ID:	ILD984908202
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT000613893
Trans Name:	Not reported
TSDF Alt EPA ID:	CAT000613893
TSDF Alt Name:	Not reported
Waste Code Description:	741 - Liquids with halogenated organic compounds > 1000 mg/l
RCRA Code:	F002
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.03
Waste Quantity:	60
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19940606
Creation Date:	10/10/1995 0:00:00

WESTLAKE FRENCH CLEANERS (Continued) **1000414067**

Receipt Date:	Not reported
Manifest ID:	93550186
Trans EPA ID:	ILD984908202
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT000613893
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	741 - Liquids with halogenated organic compounds > 1000 mg/l
RCRA Code:	F002
Meth Code:	- Not reported
Quantity Tons:	0.0975
Waste Quantity:	195
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	19940509
Creation Date:	10/5/1995 0:00:00
Receipt Date:	19940512
Manifest ID:	93551920
Trans EPA ID:	ILD984908202
Trans Name:	Not reported
Trans 2 EPA ID:	ILD984908202
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT000613893
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	741 - Liquids with halogenated organic compounds > 1000 mg/l
RCRA Code:	F002
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.03
Waste Quantity:	60
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	19940411
Creation Date:	3/25/1996 0:00:00
Receipt Date:	19940414
Manifest ID:	93426609
Trans EPA ID:	ILD984908202
Trans Name:	Not reported
Trans 2 EPA ID:	ILD984908202
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT000613893
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported

WESTLAKE FRENCH CLEANERS (Continued) **1000414067**

TSDF Alt Name:	Not reported
Waste Code Description:	741 - Liquids with halogenated organic compounds > 1000 mg/l
RCRA Code:	F002
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.0975
Waste Quantity:	195
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19940215
Creation Date:	9/15/1995 0:00:00
Receipt Date:	19940217
Manifest ID:	93198790
Trans EPA ID:	ILD984908202
Trans Name:	Not reported
Trans 2 EPA ID:	ILD984908202
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT000613893
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	741 - Liquids with halogenated organic compounds > 1000 mg/l
RCRA Code:	F002
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.0975
Waste Quantity:	195
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	1998
Gen EPA ID:	CAD981634983
Shipment Date:	19981120
Creation Date:	1/21/1999 0:00:00
Receipt Date:	19981130
Manifest ID:	98446840
Trans EPA ID:	ILD984908202
Trans Name:	Not reported
Trans 2 EPA ID:	SCD987574647
Trans 2 Name:	Not reported
TSDF EPA ID:	CA0000084517
Trans Name:	Not reported
TSDF Alt EPA ID:	CA0000084517
TSDF Alt Name:	Not reported
Waste Code Description:	741 - Liquids with halogenated organic compounds > 1000 mg/l
RCRA Code:	F002
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.03

WESTLAKE FRENCH CLEANERS (Continued) **1000414067**

Waste Quantity:	60
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19980922
Creation Date:	12/7/1998 0:00:00
Receipt Date:	19980924
Manifest ID:	98281412
Trans EPA ID:	ILD984908202
Trans Name:	Not reported
Trans 2 EPA ID:	SCD987574647
Trans 2 Name:	Not reported
TSDF EPA ID:	CA0000084517
Trans Name:	Not reported
TSDF Alt EPA ID:	CA0000084517
TSDF Alt Name:	Not reported
Waste Code Description:	741 - Liquids with halogenated organic compounds > 1000 mg/l
RCRA Code:	F002
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.0975
Waste Quantity:	195
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19980605
Creation Date:	8/3/1998 0:00:00
Receipt Date:	19980610
Manifest ID:	98133310
Trans EPA ID:	ILD984908202
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CA0000084517
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	741 - Liquids with halogenated organic compounds > 1000 mg/l
RCRA Code:	F002
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.0975
Waste Quantity:	195
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19980605

WESTLAKE FRENCH CLEANERS (Continued) **1000414067**

Creation Date:	8/3/1998 0:00:00
Receipt Date:	Not reported
Manifest ID:	98183310
Trans EPA ID:	ILD984908202
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CA0000084517
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	741 - Liquids with halogenated organic compounds > 1000 mg/l
RCRA Code:	F002
Meth Code:	- Not reported
Quantity Tons:	0.0975
Waste Quantity:	195
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	19980504
Creation Date:	7/15/1998 0:00:00
Receipt Date:	19980506
Manifest ID:	97364085
Trans EPA ID:	ILD984908202
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CA0000084517
Trans Name:	Not reported
TSDF Alt EPA ID:	CA0000084517
TSDF Alt Name:	Not reported
Waste Code Description:	741 - Liquids with halogenated organic compounds > 1000 mg/l
RCRA Code:	F002
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.03
Waste Quantity:	60
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	19980209
Creation Date:	4/16/1998 0:00:00
Receipt Date:	19980213
Manifest ID:	97401848
Trans EPA ID:	ILD984908202
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CA0000084517
Trans Name:	Not reported

WESTLAKE FRENCH CLEANERS (Continued) **1000414067**

TSDF Alt EPA ID:	CA0000084517
TSDF Alt Name:	Not reported
Waste Code Description:	741 - Liquids with halogenated organic compounds > 1000 mg/l
RCRA Code:	F002
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.0975
Waste Quantity:	195
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	1999
Gen EPA ID:	CAD981634983
Shipment Date:	19991021
Creation Date:	1/11/2000 0:00:00
Receipt Date:	19991026
Manifest ID:	99511849
Trans EPA ID:	ILD984908202
Trans Name:	Not reported
Trans 2 EPA ID:	SCD987574647
Trans 2 Name:	Not reported
TSDF EPA ID:	CA0000084517
Trans Name:	Not reported
TSDF Alt EPA ID:	CA0000084517
TSDF Alt Name:	Not reported
Waste Code Description:	741 - Liquids with halogenated organic compounds > 1000 mg/l
RCRA Code:	F002
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.0975
Waste Quantity:	195
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19990701
Creation Date:	9/21/1999 0:00:00
Receipt Date:	19990707
Manifest ID:	99228988
Trans EPA ID:	ILD984908202
Trans Name:	Not reported
Trans 2 EPA ID:	SCD987574647
Trans 2 Name:	Not reported
TSDF EPA ID:	CA0000084517
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	741 - Liquids with halogenated organic compounds > 1000 mg/l
RCRA Code:	F002
Meth Code:	H01 - Transfer Station

WESTLAKE FRENCH CLEANERS (Continued) **1000414067**

Quantity Tons:	0.0975
Waste Quantity:	195
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19990111
Creation Date:	3/17/1999 0:00:00
Receipt Date:	19990115
Manifest ID:	98626267
Trans EPA ID:	ILD984908202
Trans Name:	Not reported
Trans 2 EPA ID:	SCD987574647
Trans 2 Name:	Not reported
TSDF EPA ID:	CA0000084517
Trans Name:	Not reported
TSDF Alt EPA ID:	CA0000084517
TSDF Alt Name:	Not reported
Waste Code Description:	741 - Liquids with halogenated organic compounds > 1000 mg/l
RCRA Code:	F002
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.0975
Waste Quantity:	195
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	2000
Gen EPA ID:	CAD981634983
Shipment Date:	20001116
Creation Date:	2/1/2001 0:00:00
Receipt Date:	20001122
Manifest ID:	20296983
Trans EPA ID:	SCR000075150
Trans Name:	Not reported
Trans 2 EPA ID:	SCR000074591
Trans 2 Name:	Not reported
TSDF EPA ID:	CA0000084517
Trans Name:	Not reported
TSDF Alt EPA ID:	CA0000084517
TSDF Alt Name:	Not reported
Waste Code Description:	741 - Liquids with halogenated organic compounds > 1000 mg/l
RCRA Code:	F002
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.0975
Waste Quantity:	195
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported

WESTLAKE FRENCH CLEANERS (Continued) **1000414067**

Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20000531
Creation Date:	8/1/2000 0:00:00
Receipt Date:	20000606
Manifest ID:	20009236
Trans EPA ID:	SCR000075150
Trans Name:	Not reported
Trans 2 EPA ID:	SCR000074591
Trans 2 Name:	Not reported
TSDF EPA ID:	CA0000084517
Trans Name:	Not reported
TSDF Alt EPA ID:	CA0000084517
TSDF Alt Name:	Not reported
Waste Code Description:	741 - Liquids with halogenated organic compounds > 1000 mg/l
RCRA Code:	F002
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.0975
Waste Quantity:	195
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20000211
Creation Date:	5/3/2000 0:00:00
Receipt Date:	20000216
Manifest ID:	99864540
Trans EPA ID:	ILD984908202
Trans Name:	Not reported
Trans 2 EPA ID:	SCR000074591
Trans 2 Name:	Not reported
TSDF EPA ID:	CA0000084517
Trans Name:	Not reported
TSDF Alt EPA ID:	CA0000084517
TSDF Alt Name:	Not reported
Waste Code Description:	741 - Liquids with halogenated organic compounds > 1000 mg/l
RCRA Code:	F002
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.0975
Waste Quantity:	195
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	2002
Gen EPA ID:	CAD981634983
Shipment Date:	20020805

WESTLAKE FRENCH CLEANERS (Continued) **1000414067**

Creation Date:	3/14/2003 18:31:30
Receipt Date:	20020807
Manifest ID:	21748815
Trans EPA ID:	SCR000075150
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CA0000084517
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	741 - Liquids with halogenated organic compounds > 1000 mg/l
RCRA Code:	F002
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.0975
Waste Quantity:	195
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20020415
Creation Date:	7/9/2002 18:31:13
Receipt Date:	20020418
Manifest ID:	21567128
Trans EPA ID:	SCR000075150
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CA0000084517
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	741 - Liquids with halogenated organic compounds > 1000 mg/l
RCRA Code:	F002
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.0975
Waste Quantity:	195
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	1996
Gen EPA ID:	CAD981634983

Shipment Date:	19961217
Creation Date:	5/20/1997 0:00:00
Receipt Date:	19961219
Manifest ID:	96474756
Trans EPA ID:	ILD984908202
Trans Name:	Not reported

WESTLAKE FRENCH CLEANERS (Continued) **1000414067**

Trans 2 EPA ID:	ILD984908202
Trans 2 Name:	Not reported
TSDF EPA ID:	CA0000084517
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	741 - Liquids with halogenated organic compounds > 1000 mg/l
RCRA Code:	F002
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.03
Waste Quantity:	60
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	19961119
Creation Date:	5/20/1997 0:00:00
Receipt Date:	19961127
Manifest ID:	96464669
Trans EPA ID:	ILD984908202
Trans Name:	Not reported
Trans 2 EPA ID:	ILD984908202
Trans 2 Name:	Not reported
TSDF EPA ID:	CA0000084517
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	741 - Liquids with halogenated organic compounds > 1000 mg/l
RCRA Code:	F002
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.03
Waste Quantity:	60
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	19961022
Creation Date:	5/20/1997 0:00:00
Receipt Date:	19961029
Manifest ID:	96484858
Trans EPA ID:	ILD984908202
Trans Name:	Not reported
Trans 2 EPA ID:	ILD984908202
Trans 2 Name:	Not reported
TSDF EPA ID:	CA0000084517
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	741 - Liquids with halogenated organic compounds > 1000 mg/l
RCRA Code:	F002
Meth Code:	H01 - Transfer Station

WESTLAKE FRENCH CLEANERS (Continued) **1000414067**

Quantity Tons:	0.03
Waste Quantity:	60
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19960731
Creation Date:	5/30/1997 0:00:00
Receipt Date:	19960806
Manifest ID:	96104752
Trans EPA ID:	ILD984908202
Trans Name:	Not reported
Trans 2 EPA ID:	ILD984908202
Trans 2 Name:	Not reported
TSDF EPA ID:	CAO000084517
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	741 - Liquids with halogenated organic compounds > 1000 mg/l
RCRA Code:	F002
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.0975
Waste Quantity:	195
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19960509
Creation Date:	5/20/1997 0:00:00
Receipt Date:	19960513
Manifest ID:	96165736
Trans EPA ID:	ILD984908202
Trans Name:	Not reported
Trans 2 EPA ID:	ILD984908202
Trans 2 Name:	Not reported
TSDF EPA ID:	CA0000084517
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	741 - Liquids with halogenated organic compounds > 1000 mg/l
RCRA Code:	F002
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.0975
Waste Quantity:	195
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

WESTLAKE FRENCH CLEANERS (Continued) **1000414067**

Shipment Date:	19960213
Creation Date:	10/10/1996 0:00:00
Receipt Date:	19960215
Manifest ID:	95963202
Trans EPA ID:	ILD984908202
Trans Name:	Not reported
Trans 2 EPA ID:	ILD984908202
Trans 2 Name:	Not reported
TSDF EPA ID:	CA0000084517
Trans Name:	Not reported
TSDF Alt EPA ID:	CA0000084517
TSDF Alt Name:	Not reported
Waste Code Description:	741 - Liquids with halogenated organic compounds > 1000 mg/l
RCRA Code:	F002
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.0975
Waste Quantity:	195
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	1995
Gen EPA ID:	CAD981634983

Shipment Date:	19951219
Creation Date:	7/26/1996 0:00:00
Receipt Date:	19951221
Manifest ID:	95819695
Trans EPA ID:	ILD984908202
Trans Name:	Not reported
Trans 2 EPA ID:	ILD984908202
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT000613950
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	741 - Liquids with halogenated organic compounds > 1000 mg/l
RCRA Code:	F002
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.0975
Waste Quantity:	195
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	19951120
Creation Date:	7/26/1996 0:00:00
Receipt Date:	19951122
Manifest ID:	95725311
Trans EPA ID:	ILD984908202

WESTLAKE FRENCH CLEANERS (Continued) **1000414067**

Trans Name:	Not reported
Trans 2 EPA ID:	ILD984908202
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT000613950
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	741 - Liquids with halogenated organic compounds > 1000 mg/l
RCRA Code:	F002
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.03
Waste Quantity:	60
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	19951026
Creation Date:	7/26/1996 0:00:00
Receipt Date:	19951030
Manifest ID:	95759456
Trans EPA ID:	ILD984908202
Trans Name:	Not reported
Trans 2 EPA ID:	ILD984908202
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT000613950
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	741 - Liquids with halogenated organic compounds > 1000 mg/l
RCRA Code:	F002
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.03
Waste Quantity:	60
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	19950829
Creation Date:	4/1/1996 0:00:00
Receipt Date:	19950831
Manifest ID:	95556973
Trans EPA ID:	ILD984908202
Trans Name:	Not reported
Trans 2 EPA ID:	ILD984908202
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT000613950
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	741 - Liquids with halogenated organic compounds > 1000 mg/l
RCRA Code:	F002

WESTLAKE FRENCH CLEANERS (Continued) **1000414067**

Meth Code:	H01 - Transfer Station
Quantity Tons:	0.03
Waste Quantity:	60
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19950804
Creation Date:	4/3/1996 0:00:00
Receipt Date:	19950810
Manifest ID:	95049338
Trans EPA ID:	ILD984908202
Trans Name:	Not reported
Trans 2 EPA ID:	ILD984908202
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT000613950
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	- Not reported
RCRA Code:	Not reported
Meth Code:	H01 - Transfer Station
Quantity Tons:	0
Waste Quantity:	0
Quantity Unit:	Not reported
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19950804
Creation Date:	4/3/1996 0:00:00
Receipt Date:	19950810
Manifest ID:	95049338
Trans EPA ID:	ILD984908202
Trans Name:	Not reported
Trans 2 EPA ID:	ILD984908202
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT000613950
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	741 - Liquids with halogenated organic compounds > 1000 mg/l
RCRA Code:	F002
Meth Code:	- Not reported
Quantity Tons:	0.03
Waste Quantity:	60
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

WESTLAKE FRENCH CLEANERS (Continued) **1000414067**

Shipment Date:	19950706
Creation Date:	10/25/1995 0:00:00
Receipt Date:	19950707
Manifest ID:	95624115
Trans EPA ID:	ILD984908202
Trans Name:	Not reported
Trans 2 EPA ID:	ILD984908202
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT000613950
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	741 - Liquids with halogenated organic compounds > 1000 mg/l
RCRA Code:	F002
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.0975
Waste Quantity:	195
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	19950510
Creation Date:	4/2/1996 0:00:00
Receipt Date:	19950512
Manifest ID:	95512265
Trans EPA ID:	ILD984908202
Trans Name:	Not reported
Trans 2 EPA ID:	ILD984908202
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT000613950
Trans Name:	Not reported
TSDF Alt EPA ID:	CAT000613950
TSDF Alt Name:	Not reported
Waste Code Description:	741 - Liquids with halogenated organic compounds > 1000 mg/l
RCRA Code:	F002
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.0975
Waste Quantity:	195
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	19950410
Creation Date:	3/29/1996 0:00:00
Receipt Date:	19950413
Manifest ID:	93773041
Trans EPA ID:	ILD984908202
Trans Name:	Not reported
Trans 2 EPA ID:	ILD984908202
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT000613950

WESTLAKE FRENCH CLEANERS (Continued) **1000414067**

Trans Name:	Not reported
TSDF Alt EPA ID:	CAT000613950
TSDF Alt Name:	Not reported
Waste Code Description:	741 - Liquids with halogenated organic compounds > 1000 mg/l
RCRA Code:	F002
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.0975
Waste Quantity:	195
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	19950315
Creation Date:	3/29/1996 0:00:00
Receipt Date:	19950317
Manifest ID:	93766779
Trans EPA ID:	ILD984908202
Trans Name:	Not reported
Trans 2 EPA ID:	ILD984908202
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT000613950
Trans Name:	Not reported
TSDF Alt EPA ID:	CAT000613950
TSDF Alt Name:	Not reported
Waste Code Description:	741 - Liquids with halogenated organic compounds > 1000 mg/l
RCRA Code:	F002
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.0975
Waste Quantity:	195
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	1993
Gen EPA ID:	CAD981634983

Shipment Date:	19931119
Creation Date:	9/14/1995 0:00:00
Receipt Date:	19931123
Manifest ID:	93118269
Trans EPA ID:	ILD984908202
Trans Name:	Not reported
Trans 2 EPA ID:	ILD984908202
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT000613893
Trans Name:	Not reported
TSDF Alt EPA ID:	CAT000613893
TSDF Alt Name:	Not reported
Waste Code Description:	741 - Liquids with halogenated organic compounds > 1000 mg/l
RCRA Code:	F002

WESTLAKE FRENCH CLEANERS (Continued) **1000414067**

Meth Code:	H01 - Transfer Station
Quantity Tons:	0.0975
Waste Quantity:	195
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19931026
Creation Date:	9/13/1995 0:00:00
Receipt Date:	19931028
Manifest ID:	93086515
Trans EPA ID:	ILD984908202
Trans Name:	Not reported
Trans 2 EPA ID:	ILD984908202
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT000613893
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	741 - Liquids with halogenated organic compounds > 1000 mg/l
RCRA Code:	F002
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.1575
Waste Quantity:	315
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19930830
Creation Date:	9/12/1995 0:00:00
Receipt Date:	19930902
Manifest ID:	93032757
Trans EPA ID:	ILD984908202
Trans Name:	Not reported
Trans 2 EPA ID:	ILD984908202
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT000613893
Trans Name:	Not reported
TSDF Alt EPA ID:	CAT000613893
TSDF Alt Name:	Not reported
Waste Code Description:	741 - Liquids with halogenated organic compounds > 1000 mg/l
RCRA Code:	F002
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.0975
Waste Quantity:	195
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

WESTLAKE FRENCH CLEANERS (Continued) **1000414067**

Shipment Date:	19930802
Creation Date:	9/11/1995 0:00:00
Receipt Date:	19930805
Manifest ID:	93225164
Trans EPA ID:	ILD984908202
Trans Name:	Not reported
Trans 2 EPA ID:	ILD984908202
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT000613893
Trans Name:	Not reported
TSDF Alt EPA ID:	CAT000613893
TSDF Alt Name:	Not reported
Waste Code Description:	741 - Liquids with halogenated organic compounds > 1000 mg/l
RCRA Code:	F002
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.0975
Waste Quantity:	195
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	19930706
Creation Date:	9/11/1995 0:00:00
Receipt Date:	19930709
Manifest ID:	92569100
Trans EPA ID:	ILD984908202
Trans Name:	Not reported
Trans 2 EPA ID:	ILD984908202
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT000613893
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	741 - Liquids with halogenated organic compounds > 1000 mg/l
RCRA Code:	F002
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.0975
Waste Quantity:	195
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	19930607
Creation Date:	9/8/1995 0:00:00
Receipt Date:	19930610
Manifest ID:	92624651
Trans EPA ID:	ILD984908202
Trans Name:	Not reported
Trans 2 EPA ID:	ILD984908202
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT000613893

WESTLAKE FRENCH CLEANERS (Continued) **1000414067**

Trans Name: Not reported
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 741 - Liquids with halogenated organic compounds > 1000 mg/l
RCRA Code: F002
Meth Code: H01 - Transfer Station
Quantity Tons: 0.0975
Waste Quantity: 195
Quantity Unit: P
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 19930513
Creation Date: 9/7/1995 0:00:00
Receipt Date: 19930518
Manifest ID: 92391107
Trans EPA ID: ILD051060408
Trans Name: Not reported
Trans 2 EPA ID: ILD051060408
Trans 2 Name: Not reported
TSDF EPA ID: CAT000613893
Trans Name: Not reported
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 741 - Liquids with halogenated organic compounds > 1000 mg/l
RCRA Code: F002
Meth Code: H01 - Transfer Station
Quantity Tons: 0.1275
Waste Quantity: 255
Quantity Unit: P
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Additional Info:
Year: 2004
Gen EPA ID: CAD981634983

Shipment Date: 20041123
Creation Date: 2/17/2005 18:32:22
Receipt Date: 20041202
Manifest ID: 23725026
Trans EPA ID: TXR000050930
Trans Name: SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CA0000084517
Trans Name: SAFETY-KLEEN SYSTEMS INC
TSDF Alt EPA ID: CA0000084517
TSDF Alt Name: Not reported
Waste Code Description: 741 - Liquids with halogenated organic compounds > 1000 mg/l
RCRA Code: F002

WESTLAKE FRENCH CLEANERS (Continued) **1000414067**

Meth Code:	H01 - Transfer Station
Quantity Tons:	0.2925
Waste Quantity:	585
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20040526
Creation Date:	10/15/2004 10:47:43
Receipt Date:	20040601
Manifest ID:	23350495
Trans EPA ID:	TXR000050930
Trans Name:	SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CA0000084517
Trans Name:	SAFETY-KLEEN SYSTEMS INC
TSDF Alt EPA ID:	CA0000084517
TSDF Alt Name:	Not reported
Waste Code Description:	741 - Liquids with halogenated organic compounds > 1000 mg/l
RCRA Code:	F002
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.2925
Waste Quantity:	585
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	2001
Gen EPA ID:	CAD981634983
Shipment Date:	20011016
Creation Date:	1/16/2002 0:00:00
Receipt Date:	20011019
Manifest ID:	21395344
Trans EPA ID:	SCR000075150
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CA0000084517
Trans Name:	Not reported
TSDF Alt EPA ID:	CA0000084517
TSDF Alt Name:	Not reported
Waste Code Description:	741 - Liquids with halogenated organic compounds > 1000 mg/l
RCRA Code:	F002
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.0975
Waste Quantity:	195
Quantity Unit:	P
Additional Code 1:	Not reported

WESTLAKE FRENCH CLEANERS (Continued) **1000414067**

Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20010501
Creation Date:	7/20/2001 0:00:00
Receipt Date:	20010504
Manifest ID:	20637772
Trans EPA ID:	SCR000075150
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CA0000084517
Trans Name:	Not reported
TSDF Alt EPA ID:	CA0000084517
TSDF Alt Name:	Not reported
Waste Code Description:	741 - Liquids with halogenated organic compounds > 1000 mg/l
RCRA Code:	F002
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.0975
Waste Quantity:	195
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

HWTS:

Name:	WESTLAKE FRENCH CLEANERS
Address:	330 S MAYFAIR AVE
Address 2:	Not reported
City,State,Zip:	DALY CITY, CA 940150000
EPA ID:	CAL000250246
Inactive Date:	06/30/2002
Create Date:	04/16/2002
Last Act Date:	04/03/2006
Mailing Name:	Not reported
Mailing Address:	330 S MAYFAIR AVE
Mailing Address 2:	Not reported
Mailing City,State,Zip:	DALY CITY, CA 940151404
Owner Name:	SU YOUNG LEE PECK
Owner Address:	330 S MAYFAIR AVE
Owner Address 2:	Not reported
Owner City,State,Zip:	DALY CITY, CA 940151404
Contact Name:	SHARON ADLER
Contact Address:	330 S MAYFAIR AVE
Contact Address 2:	Not reported
City,State,Zip:	DALY CITY, CA 940151404

NAICS:

EPA ID:	CAL000250246
Create Date:	2002-04-16 16:32:58.857
NAICS Code:	81232
NAICS Description:	Drycleaning and Laundry Services (except Coin-Operated)
Issued EPA ID Date:	2002-04-16 16:32:58.84000

WESTLAKE FRENCH CLEANERS (Continued) **1000414067**

Inactive Date:	2002-06-30 00:00:00
Facility Name:	WESTLAKE FRENCH CLEANERS
Facility Address:	330 S MAYFAIR AVE
Facility Address 2:	Not reported
Facility City:	DALY CITY
Facility County:	Not reported
Facility State:	CA
Facility Zip:	940150000

Name:	WESTLAKE FRENCH CLEANERS
Address:	330 S MAYFAIR AVE
Address 2:	Not reported
City,State,Zip:	DALY CITY, CA 940151404
EPA ID:	CAD981634983
Inactive Date:	06/30/2005
Create Date:	07/03/1987
Last Act Date:	04/11/2006
Mailing Name:	Not reported
Mailing Address:	330 S MAYFAIR AVE
Mailing Address 2:	Not reported
Mailing City,State,Zip:	DALY CITY, CA 940151404
Owner Name:	SO YOUNG PAIK
Owner Address:	330 SOUTH MAYFAIR AVE
Owner Address 2:	Not reported
Owner City,State,Zip:	DALY, CA 940150000
Contact Name:	EUI SIK LEE/MANAGER
Contact Address:	330 SOUTH MAYFAIR AVE
Contact Address 2:	Not reported
City,State,Zip:	DALY, CA 940150000

NAICS:

EPA ID:	CAD981634983
Create Date:	2004-10-20 10:23:57.043
NAICS Code:	81232
NAICS Description:	Drycleaning and Laundry Services (except Coin-Operated)
Issued EPA ID Date:	1987-07-03 00:00:00
Inactive Date:	2005-06-30 10:01:00
Facility Name:	WESTLAKE FRENCH CLEANERS
Facility Address:	330 S MAYFAIR AVE
Facility Address 2:	Not reported
Facility City:	DALY CITY
Facility County:	Not reported
Facility State:	CA
Facility Zip:	940151404

L93 **WESTLAKE CHEVRON** **RCRA-SQG** **1000434512**
NNW **892 JOHN DALY BLVD** **LUST** **CAT080033244**
1/4-1/2 **DALY CITY, CA 94015** **FINDS**
0.293 mi. **Cortese**
1548 ft. **Site 1 of 2 in cluster L**

Relative:
Lower

Actual:
82 ft.

RCRA-SQG:

Date Form Received by Agency:	2002-05-16 00:00:00.0
Handler Name:	CHEVRON STATION NO 96982
Handler Address:	892 JOHN DALY BLVD
Handler City,State,Zip:	DALY CITY, CA 94015-1045

WESTLAKE CHEVRON (Continued) **1000434512**

EPA ID:	CAT080033244
Contact Name:	KATHY NORRIS
Contact Address:	P O BOX 6004
Contact City,State,Zip:	SAN RAMON, CA 94583
Contact Telephone:	925-842-5931
Contact Fax:	Not reported
Contact Email:	Not reported
Contact Title:	Not reported
EPA Region:	09
Land Type:	Private
Federal Waste Generator Description:	Small Quantity Generator
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Handler Activities
State District Owner:	Not reported
State District:	Not reported
Mailing Address:	P O BOX 6004
Mailing City,State,Zip:	SAN RAMON, CA 94583
Owner Name:	CHEVRON PRODUCTS CO
Owner Type:	Private
Operator Name:	Not reported
Operator Type:	Not reported
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No

WESTLAKE CHEVRON (Continued) **1000434512**

TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2002-10-07 16:38:58.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Hazardous Waste Summary:

Waste Code:	D001
Waste Description:	IGNITABLE WASTE
Waste Code:	D018
Waste Description:	BENZENE

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name:	CHEVRON PRODUCTS CO
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	P O BOX 6004
Owner/Operator City,State,Zip:	SAN RAMON, CA 94583
Owner/Operator Telephone:	925-842-5931
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	2002-05-16 00:00:00.0
Handler Name:	CHEVRON STATION NO 96982
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

WESTLAKE CHEVRON (Continued) **1000434512**

List of NAICS Codes and Descriptions:
NAICS Codes: No NAICS Codes Found

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

LUST REG 2:
Region: 2
Facility Id: Not reported
Facility Status: Pollution Characterization
Case Number: 220028
How Discovered: OM
Leak Cause: Unknown
Leak Source: Unknown
Date Leak Confirmed: Not reported
Oversight Program: LUST
Prelim. Site Assesment Wokplan Submitted: Not reported
Preliminary Site Assesment Began: Not reported
Pollution Characterization Began: 1/1/1965
Pollution Remediation Plan Submitted: Not reported
Date Remediation Action Underway: Not reported
Date Post Remedial Action Monitoring Began: Not reported

FINDS:
Registry ID: 110002957140

Click Here:

Environmental Interest/Information System:
California Hazardous Waste Tracking System - Datamart (HWTS-DATAMART) provides California with information on hazardous waste shipments for generators, transporters, and treatment, storage, and disposal facilities.
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.
STATE MASTER
Registry ID: 110070523238

Click Here:

Environmental Interest/Information System:

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

CORTESE:
Name: CHEVRON 9-6982
Address: 892 JOHN DALY

WESTLAKE CHEVRON (Continued) **1000434512**

City,State,Zip:	DALY CITY, CA 94015
Region:	CORTESE
Envirostor Id:	Not reported
Global ID:	T0608100148
Site/Facility Type:	LUST CLEANUP SITE
Cleanup Status:	COMPLETED - CASE CLOSED
Status Date:	Not reported
Site Code:	Not reported
Latitude:	Not reported
Longitude:	Not reported
Owner:	Not reported
Enf Type:	Not reported
Swat R:	Not reported
Flag:	active
Order No:	Not reported
Waste Discharge System No:	Not reported
Effective Date:	Not reported
Region 2:	Not reported
WID Id:	Not reported
Solid Waste Id No:	Not reported
Waste Management Uit Name:	Not reported
File Name:	Active Open

L94 **CHEVRON 9-6982** **LUST** **S100858432**
NNW **892 JOHN DALY** **CHMIRS** **N/A**
1/4-1/2 **DALY CITY, CA 94015** **HIST CORTESE**
0.293 mi. **CERS**
1548 ft. **Site 2 of 2 in cluster L**

Relative: **Lower**
Actual: **82 ft.**

SAN MATEO CO. LUST:

Name:	CHEVRON 9-6982
Address:	892 JOHN DALY BLVD
City,State,Zip:	DALY CITY, CA
Region:	SAN MATEO
Facility ID:	220028
Facility Status:	9- Case Closed
Global ID:	T0608100148
APN Number:	002150220
Case Type:	DALY CITY, CA
EDR Link ID:	DALY CITY, CA

LUST:

Name:	CHEVRON 9-6982
Address:	892 JOHN DALY
City,State,Zip:	DALY CITY, CA 94015
Lead Agency:	SAN MATEO COUNTY LOP
Case Type:	LUST Cleanup Site
Geo Track:	http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0608100148
Global Id:	T0608100148
Latitude:	37.701911087
Longitude:	-122.484190575
Status:	Completed - Case Closed
Status Date:	12/27/2011
Case Worker:	JM
RB Case Number:	41-0156
Local Agency:	SAN MATEO COUNTY LOP
File Location:	Local Agency

CHEVRON 9-6982 (Continued) **S100858432**

Local Case Number: 220028
Potential Media Affect: Aquifer used for drinking water supply
Potential Contaminants of Concern: Gasoline
Site History: Extracted from CRA's SEPTEMBER 2, 2009 SUBSURFACE INVESTIGATION AND WELL DESTRUCTION REPORT, San Mateo County does not take responsibility for the accuracy of the statements made or any professional interpretations made in the referenced report. The site is an active Chevron service station located on the north side of John Daly Boulevard, approximately 100 feet east of Lake Merced Boulevard in Daly City, California (Figure 1). Existing station facilities include a store, car wash, and two gasoline underground storage tanks (USTs) connected to six dispenser islands by underground product line piping. 1998 Facility Replacement and Remedial Excavation: In July and August 1998, Armer/Norman Associates (ANA) of Walnut Creek, California removed the two hoists, dispensers, product lines, and five underground storage tanks (USTs) including three 10,000-gallon gasoline, one 10,000-gallon diesel, and one 1,000-gallon used-oil tanks. ANA transported approximately 250 cubic yards of excavated soil to an approved disposal facility, and new fuel USTs were installed in a new location. Touchstone Developments (Touchstone) collected soil samples from beneath the fuel USTs, used-oil UST, and product lines. One sample (TX1) collected from beneath the fuel USTs contained 283 milligrams per kilogram (mg/kg) total petroleum hydrocarbons as diesel (TPHd). No other hydrocarbons were detected in any of the other seven soil samples collected from beneath the fuel USTs. Hydrocarbon concentrations as high as 1,570 mg/kg TPHd and 4,900 mg/kg total petroleum hydrocarbons as gasoline (TPHg) were detected in soil collected from beneath the product lines at 5 feet below grade (fbg). Following over-excavation of soil to approximately 7 fbg in three locations with the highest hydrocarbon concentrations, concentrations beneath the product lines were reduced to 175 mg/kg TPHd and 395 mg/kg TPHg. No hydrocarbons were detected in soil beneath the used-oil UST. 2000 Soil Borings: Based on Touchstones sampling results, San Mateo County Health Services Department (SMCHD) requested that Chevron investigate the groundwater impacts beneath the site in an August 2, 1999 letter. In August 2000, Cambria Environmental Technology, Inc. (Cambria) advanced soil borings B-1 through B-4 to approximately 30.5 fbg. Boring B-3 contained the highest hydrocarbon concentrations of 69 mg/kg TPHd and 55 mg/kg TPHd at 15 fbg. Benzene was detected in soil at 30 fbg from B-1 at 0.20 mg/kg and B-3 at 0.031 mg/kg. Groundwater was first encountered at approximately 28 fbg. Hydrocarbons were detected in groundwater at soil borings B-1, B-2, and B-3, located between the former fuel USTs and dispenser islands at maximum concentrations of 22,000 micrograms per liter (gg/L) TPHd, 57,000 gg/L TPHg, and 1,000 gg/L benzene. No hydrocarbons were detected in B-4, defining the western extent of hydrocarbons in soil and groundwater. 2002 Well Receptor Survey: Cambria completed a well receptor survey to identify all municipal groundwater wells within a 2,000-foot radius of the site, and all domestic groundwater wells within a 400-foot radius of the site. In August and September 2001, Cambria mailed a one-page questionnaire to all property owners within a 400-foot radius and contacted the City of Daly City Water and Wastewater and SMCHD for record of any wells within 2,000 feet of the property. The search identified one drinking water well, two irrigation wells, 20 monitoring wells, an unknown well, four improperly destroyed wells, and five properly destroyed wells within a 2,000-foot radius of the

CHEVRON 9-6982 (Continued) **S100858432**

site. A monitoring well owned by the City of Daly City is located approximately 500 feet north (downgradient) of the site. The nearest drinking water well is located approximately 2,100 feet south (upgradient) of the site near the intersection of Lake Merced Boulevard and Coronado Avenue (near the ARCO station). 2004 Well Installation: In April 2004, Cambria installed monitoring wells MW-2 through MW-4. The boring for MW-1 was not completed as a well to protect an underlying aquitard at a depth of approximately 30 fbg. Monitoring wells MW-2 through MW-4 were completed as 4-inch diameter wells. No hydrocarbons were detected in soil from MW-2 and MW-3 and only low concentrations were detected in soil from MW-1 and MW-4. 2005 CTP Investigation: In December 2005, Cambria advanced Cone Penetration Test (CPT) borings CPT-1 through CPT-5. No petroleum hydrocarbons were detected in soil samples collected from borings CPT-3, CPT-4, and CPT-5. The only TPHg detected in soil was 3.8 mg/kg in CPT-2 at 45.5 fbg. The only benzene and MTBE detected in soil were 0.005 mg/kg benzene and 0.003 mg/kg MTBE in CPT-1 at 30.5 fbg. The highest hydrocarbon concentrations detected in grab-groundwater samples were 4,600 gg/L TPHg, 860 gg/L benzene, and 46 gg/L MTBE detected in CPT-2, located north of the former USTs. The highest TPHd concentration in groundwater was 8,100 %g/L in CPT-3, located west of the former USTs and north of the former dispenser islands. 2006 Well Installation: In October 2006, Cambria installed monitoring well MW-5 to 35 fbg, and deepened wells MW-2 to 60 fbg and MW-3 to 50 fbg. No TPHd was detected in any of the soil samples collected. The highest hydrocarbon concentrations in soil and groundwater were detected in MW-2, located north of the existing gasoline USTs. CRA installed groundwater monitoring wells MW-3R and MW-6 on May 7 and 8, 2009 and destroyed MW-3 by pressure grouting on May 8, 2009.

LUST:

Global Id:	T0608100148
Contact Type:	Local Agency Caseworker
Contact Name:	JACOB MADDEN
Organization Name:	SAN MATEO COUNTY LOP
Address:	2000 ALAMEDA DE LAS PULGAS, Suite 100
City:	SAN MATEO
Email:	jmadden@smcgov.org
Phone Number:	6503995959

Global Id:	T0608100148
Contact Type:	Regional Board Caseworker
Contact Name:	Regional Water Board
Organization Name:	SAN FRANCISCO BAY RWQCB (REGION 2)
Address:	1515 CLAY ST SUITE 1400
City:	OAKLAND
Email:	Not reported
Phone Number:	Not reported

LUST:

Global Id:	T0608100148
Action Type:	ENFORCEMENT
Date:	02/13/2009
Action:	Staff Letter - #20090213

Global Id:	T0608100148
Action Type:	ENFORCEMENT

CHEVRON 9-6982 (Continued) **S100858432**

Date: 07/17/2009
Action: Staff Letter - #20090717

Global Id: T0608100148
Action Type: Other
Date: 05/31/1991
Action: Leak Reported

Global Id: T0608100148
Action Type: RESPONSE
Date: 11/03/2003
Action: Soil and Water Investigation Workplan

Global Id: T0608100148
Action Type: RESPONSE
Date: 02/25/2004
Action: Other Workplan

Global Id: T0608100148
Action Type: RESPONSE
Date: 06/09/2004
Action: Soil and Water Investigation Report

Global Id: T0608100148
Action Type: RESPONSE
Date: 11/15/2007
Action: Monitoring Report - Quarterly

Global Id: T0608100148
Action Type: RESPONSE
Date: 05/15/2007
Action: Monitoring Report - Quarterly

Global Id: T0608100148
Action Type: RESPONSE
Date: 11/15/2006
Action: Monitoring Report - Quarterly

Global Id: T0608100148
Action Type: RESPONSE
Date: 02/15/2007
Action: Monitoring Report - Quarterly

Global Id: T0608100148
Action Type: RESPONSE
Date: 02/15/2005
Action: Monitoring Report - Quarterly

Global Id: T0608100148
Action Type: RESPONSE
Date: 02/15/2006
Action: Monitoring Report - Quarterly

Global Id: T0608100148
Action Type: RESPONSE
Date: 05/15/2006
Action: Monitoring Report - Quarterly

CHEVRON 9-6982 (Continued) **S100858432**

Global Id: T0608100148
Action Type: RESPONSE
Date: 05/15/2005
Action: Monitoring Report - Quarterly

Global Id: T0608100148
Action Type: RESPONSE
Date: 08/15/2007
Action: Monitoring Report - Quarterly

Global Id: T0608100148
Action Type: RESPONSE
Date: 08/15/2004
Action: Monitoring Report - Quarterly

Global Id: T0608100148
Action Type: RESPONSE
Date: 08/15/2006
Action: Monitoring Report - Quarterly

Global Id: T0608100148
Action Type: RESPONSE
Date: 08/15/2005
Action: Monitoring Report - Quarterly

Global Id: T0608100148
Action Type: RESPONSE
Date: 11/15/2004
Action: Monitoring Report - Quarterly

Global Id: T0608100148
Action Type: RESPONSE
Date: 11/15/2005
Action: Monitoring Report - Quarterly

Global Id: T0608100148
Action Type: RESPONSE
Date: 02/15/2006
Action: Soil and Water Investigation Report

Global Id: T0608100148
Action Type: RESPONSE
Date: 05/01/2006
Action: Soil and Water Investigation Workplan

Global Id: T0608100148
Action Type: RESPONSE
Date: 11/15/2006
Action: Well Installation Report

Global Id: T0608100148
Action Type: ENFORCEMENT
Date: 09/23/2009
Action: Verbal Enforcement

Global Id: T0608100148
Action Type: ENFORCEMENT

CHEVRON 9-6982 (Continued) **S100858432**

Date: 09/23/2009
Action: Staff Letter - #20090923

Global Id: T0608100148
Action Type: ENFORCEMENT
Date: 04/29/2009
Action: Staff Letter - #20090429

Global Id: T0608100148
Action Type: RESPONSE
Date: 09/03/2009
Action: Soil and Water Investigation Report

Global Id: T0608100148
Action Type: RESPONSE
Date: 05/15/2008
Action: Monitoring Report - Quarterly

Global Id: T0608100148
Action Type: RESPONSE
Date: 08/15/2008
Action: Monitoring Report - Quarterly

Global Id: T0608100148
Action Type: RESPONSE
Date: 11/15/2008
Action: Monitoring Report - Quarterly

Global Id: T0608100148
Action Type: RESPONSE
Date: 02/15/2009
Action: Monitoring Report - Quarterly

Global Id: T0608100148
Action Type: RESPONSE
Date: 05/15/2010
Action: Monitoring Report - Annually

Global Id: T0608100148
Action Type: RESPONSE
Date: 05/15/2010
Action: Monitoring Report - Semi-Annually

Global Id: T0608100148
Action Type: ENFORCEMENT
Date: 03/09/2010
Action: Staff Letter - #20100309

Global Id: T0608100148
Action Type: ENFORCEMENT
Date: 11/17/2010
Action: Staff Letter - #20101117

Global Id: T0608100148
Action Type: RESPONSE
Date: 02/15/2008
Action: Monitoring Report - Quarterly

CHEVRON 9-6982 (Continued) **S100858432**

Global Id: T0608100148
Action Type: RESPONSE
Date: 05/15/2009
Action: Monitoring Report - Quarterly

Global Id: T0608100148
Action Type: RESPONSE
Date: 11/15/2010
Action: Monitoring Report - Semi-Annually

Global Id: T0608100148
Action Type: RESPONSE
Date: 10/23/2009
Action: Electronic Reporting Submittal Due

Global Id: T0608100148
Action Type: RESPONSE
Date: 11/15/2010
Action: Request for Closure

Global Id: T0608100148
Action Type: ENFORCEMENT
Date: 11/30/2005
Action: Staff Letter - #20051130

Global Id: T0608100148
Action Type: ENFORCEMENT
Date: 08/03/2006
Action: Staff Letter - #20060803

Global Id: T0608100148
Action Type: ENFORCEMENT
Date: 06/09/2004
Action: Staff Letter - #20040609

Global Id: T0608100148
Action Type: ENFORCEMENT
Date: 05/05/2011
Action: Staff Letter - #20110505

Global Id: T0608100148
Action Type: ENFORCEMENT
Date: 12/27/2011
Action: Staff Letter - #20111227

Global Id: T0608100148
Action Type: RESPONSE
Date: 05/15/2011
Action: Monitoring Report - Semi-Annually

Global Id: T0608100148
Action Type: RESPONSE
Date: 03/17/2011
Action: Soil and Water Investigation Report - Regulator Responded

Global Id: T0608100148
Action Type: RESPONSE

CHEVRON 9-6982 (Continued) **S100858432**

Date: 08/05/2011
Action: Well Destruction Report - Regulator Responded

Global Id: T0608100148
Action Type: ENFORCEMENT
Date: 01/29/2004
Action: Staff Letter - #20040129

Global Id: T0608100148
Action Type: ENFORCEMENT
Date: 07/29/2003
Action: Staff Letter - #20030729

Global Id: T0608100148
Action Type: ENFORCEMENT
Date: 02/21/2006
Action: Staff Letter - #20060221

Global Id: T0608100148
Action Type: Other
Date: 06/17/1991
Action: Leak Discovery

Global Id: T0608100148
Action Type: ENFORCEMENT
Date: 06/04/1991
Action: Notice of Responsibility - #1

LUST:
Global Id: T0608100148
Status: Open - Case Begin Date
Status Date: 05/31/1991

Global Id: T0608100148
Status: Open - Site Assessment
Status Date: 05/31/1991

Global Id: T0608100148
Status: Open - Verification Monitoring
Status Date: 09/02/2009

Global Id: T0608100148
Status: Completed - Case Closed
Status Date: 12/27/2011

CHMIRS:
Name: Not reported
Address: 892 JOHN DALY BLVD.
City,State,Zip: DALY CITY, CA
OES Incident Number: 12-2168
OES notification: 04/12/2012
OES Date: Not reported
OES Time: Not reported
Date Completed: **Not reported**
Property Use: Not reported

CHEVRON 9-6982 (Continued) **S100858432**

Agency Id Number:	Not reported
Agency Incident Number:	Not reported
Time Notified:	Not reported
Time Completed:	Not reported
Surrounding Area:	Not reported
Estimated Temperature:	Not reported
Property Management:	Not reported
More Than Two Substances Involved?:	Not reported
Resp Agncy Personel # Of Decontaminated:	Not reported
Responding Agency Personel # Of Injuries:	Not reported
Responding Agency Personel # Of Fatalities:	Not reported
Others Number Of Decontaminated:	Not reported
Others Number Of Injuries:	Not reported
Others Number Of Fatalities:	Not reported
Vehicle Make/year:	Not reported
Vehicle License Number:	Not reported
Vehicle State:	Not reported
Vehicle Id Number:	Not reported
CA DOT PUC/ICC Number:	Not reported
Company Name:	Not reported
Reporting Officer Name/ID:	Not reported
Report Date:	Not reported
Facility Telephone:	Not reported
Waterway Involved:	No
Waterway:	Not reported
Spill Site:	Service Station
Cleanup By:	Site Attendant
Containment:	Not reported
What Happened:	Not reported
Type:	Not reported
Measure:	Oz.
Other:	Not reported
Date/Time:	1157
Year:	2012
Agency:	Chevron
Incident Date:	4/12/2012
Admin Agency:	San Mateo County Environmental Health
Amount:	Not reported
Contained:	Yes
Site Type:	Not reported
E Date:	Not reported
Substance:	Automotive Unleaded Gasoline
Quantity Released:	15
Unknown:	Not reported
Substance #2:	Not reported
Substance #3:	Not reported
Evacuations:	Not reported
Number of Injuries:	Not reported
Number of Fatalities:	Not reported
#1 Pipeline:	Not reported
#2 Pipeline:	Not reported
#3 Pipeline:	Not reported
#1 Vessel >= 300 Tons:	Not reported
#2 Vessel >= 300 Tons:	Not reported
#3 Vessel >= 300 Tons:	Not reported
Evacs:	Not reported
Injuries:	Not reported

CHEVRON 9-6982 (Continued) **S100858432**

Fatals:	Not reported
Comments:	Not reported
Description:	Per the caller/NRC report: "Caller reported a customer removed the nozzle from their vehicle and 15 oz of material discharged." REMEDIAL ACTIONS: Spill kit used for clean up. Clean up is complete.
Name:	Not reported
Address:	892 JOHN DALY BLVD
City,State,Zip:	DALY CITY, CA 94015
OES Incident Number:	4-6536
OES notification:	11/17/2014
OES Date:	Not reported
OES Time:	Not reported
Date Completed:	**Not reported**
Property Use:	Not reported
Agency Id Number:	Not reported
Agency Incident Number:	Not reported
Time Notified:	Not reported
Time Completed:	Not reported
Surrounding Area:	Not reported
Estimated Temperature:	Not reported
Property Management:	Not reported
More Than Two Substances Involved?:	Not reported
Resp Agncy Personel # Of Decontaminated:	Not reported
Responding Agency Personel # Of Injuries:	Not reported
Responding Agency Personel # Of Fatalities:	Not reported
Others Number Of Decontaminated:	Not reported
Others Number Of Injuries:	Not reported
Others Number Of Fatalities:	Not reported
Vehicle Make/year:	Not reported
Vehicle License Number:	Not reported
Vehicle State:	Not reported
Vehicle Id Number:	Not reported
CA DOT PUC/ICC Number:	Not reported
Company Name:	Not reported
Reporting Officer Name/ID:	Not reported
Report Date:	Not reported
Facility Telephone:	Not reported
Waterway Involved:	No
Waterway:	Not reported
Spill Site:	Service Station
Cleanup By:	No
Containment:	Not reported
What Happened:	Not reported
Type:	Not reported
Measure:	Not reported
Other:	Not reported
Type:	PETROLEUM
Measure:	Oz.
Other:	Not reported
Date/Time:	1820
Year:	2014
Agency:	Chevron
Incident Date:	11/16/2014
Admin Agency:	Not reported

CHEVRON 9-6982 (Continued) **S100858432**

Amount:	Not reported
Contained:	Yes
Site Type:	Not reported
E Date:	Not reported
Substance:	Fuel - Gasoline
Quantity Released:	24
Unknown:	Not reported
Substance #2:	Not reported
Substance #3:	Not reported
Evacuations:	Not reported
Number of Injuries:	Not reported
Number of Fatalities:	Not reported
#1 Pipeline:	No
#2 Pipeline:	No
#3 Pipeline:	No
#1 Vessel >= 300 Tons:	No
#2 Vessel >= 300 Tons:	No
#3 Vessel >= 300 Tons:	No
Evacs:	No
Injuries:	Human Error
Fatals:	No
Comments:	Not reported
Description:	During vehicle fueling the nozzle fell causing the release, material flowed onto concrete, on site personnel handled containment and clean up.

HIST CORTESE:

edr_fname:	CHEVRON
edr_fadd1:	892 JOHN DALY
City,State,Zip:	DALY CITY, CA 94015
Region:	CORTESE
Facility County Code:	41
Reg By:	LTNKA
Reg Id:	41-0156

CERS:

Name:	CHEVRON 9-6982
Address:	892 JOHN DALY
City,State,Zip:	DALY CITY, CA 94015
Site ID:	233465
CERS ID:	T0608100148
CERS Description:	Leaking Underground Storage Tank Cleanup Site

Affiliation:

Affiliation Type Desc:	Local Agency Caseworker
Entity Name:	JACOB MADDEN - SAN MATEO COUNTY LOP
Entity Title:	Not reported
Affiliation Address:	2000 ALAMEDA DE LAS PULGAS, Suite 100
Affiliation City:	SAN MATEO
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	6503995959

Affiliation Type Desc:	Regional Board Caseworker
Entity Name:	Regional Water Board - SAN FRANCISCO BAY RWQCB (REGION 2)
Entity Title:	Not reported

CHEVRON 9-6982 (Continued) **S100858432**

Affiliation Address:	1515 CLAY ST SUITE 1400
Affiliation City:	OAKLAND
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	Not reported

M95 **NORTH SAN MATEO COUNTY SANITATION DISTRICT WWTP** **LUST** **S101438168**
NNW **153 LAKE MERCED BOULEVARD** **CHMIRS** **N/A**
1/4-1/2 **DALY CITY, CA 94015** **San Mateo Co. BI**
0.434 mi. **ENF**
2294 ft. **Site 1 of 3 in cluster M** **HIST CORTESE**
NPDES
Relative: Lower **CIWQS**
CERS
Actual: 72 ft.

SAN MATEO CO. LUST:

Name:	DALY CITY WASTEWATER PLANT
Address:	153 LAKE MERCED BLVD
City,State,Zip:	DALY CITY, CA
Region:	SAN MATEO
Facility ID:	220029
Facility Status:	9- Case Closed
Global ID:	T0608100181
APN Number:	002150330
Case Type:	DALY CITY, CA
EDR Link ID:	DALY CITY, CA

LUST:

Name:	DALY CITY WASTEWATER PLANT
Address:	153 LAKE MERCED
City,State,Zip:	DALY CITY, CA 94015
Lead Agency:	SAN MATEO COUNTY LOP
Case Type:	LUST Cleanup Site
Geo Track:	http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0608100181
Global Id:	T0608100181
Latitude:	37.702842
Longitude:	-122.484221
Status:	Completed - Case Closed
Status Date:	04/17/2014
Case Worker:	JM
RB Case Number:	41-0190
Local Agency:	SAN MATEO COUNTY LOP
File Location:	Local Agency
Local Case Number:	220029
Potential Media Affect:	Other Groundwater (uses other than drinking water)
Potential Contaminants of Concern:	Gasoline
Site History:	Extracted from RRM's February 8, 2010 Case Closure Summary, San Mateo County does not take responsibility for the accuracy of the statements made or any professional interpretations made in the referenced report. The site is located at the City of Daly City Wastewater Treatment Plant located at the northeast corner of John Daly Avenue and Lake Merced Boulevard. The UST site is located in the southeast corner of the site, between two L-shaped buildings. The UST site is located east of the southerly L-shaped building. The existing USTs are overlain by a concrete slab, with two fuel dispensers

NORTH SAN MATEO COUNTY SANITATION DISTRICT WWTP (Continued) **S101438168**

located immediately west of the existing USTs. There are two southeast to northwest trending 33 diameter sanitary sewer lines immediately east/northeast of the UST excavation. In addition, a storm drain catch basin and storm drain pipe are also located northeast of the USTs. Four fuel USTs were formerly located at the WWTP near the vehicle maintenance operations for the Waste Water and Clean Water Department for Daly City. Two 10,000-gallon USTs were used to provide diesel fuel to an emergency generator and two 2,000 gallon unleaded gasoline USTs were used to fuel gasoline powered WWTP maintenance vehicles. A diesel pump pit, which connected the underground piping from the diesel tanks to the generators entered the building via an underground piping valve vault, was located near the northeast corner of the building. All of the old tanks and piping were replaced in 1998. The replacement included the installation of shoring around the existing tank excavation, and installation of new USTs at the same location as the old. During removal of the USTs, gasoline diesel contamination was found in soil in the area of the old fuel tank location. December 1989 to January 1990: A pressurized diesel fuel line connected from the adjacent building to a fuel pump in the diesel pump pit ruptured and leaked diesel into the soil. Samples collected by Applied Consultants in January 1990 indicated diesel contamination in the soils at the diesel pump pit. The underground piping and subsurface vault were removed. The diesel fuel line that connected the UST to the generator was replaced with steel piping. The piping was also relocated into a subsurface utility tunnel where visual inspection can be performed over the entire length of the piping. Soil samples P-1 through P-6 were collected from the excavation in the area of the diesel fuel release. The soil was excavated to a maximum depth of approximately 6 feet below grade surface (bgs). Approximately 86 cubic yards of soil were excavated and transported offsite for disposal. The excavation was not continued laterally and vertically due to the close proximity to the structure. The above information was obtained from the report, Soil Sampling Daly City Waste Water Treatment Plant, Applied Consultants, February 9, 1990. September 1991: Six soil borings were drilled north and south of the diesel pump pit. These borings, originally named B-1 through B-6, will be referred to in this report as HB-1 through HB-6 (Harding) to alleviate confusion with borings B-1 through B-5 drilled by EMC. HB-1 was located inside the limits of the diesel pump pit excavation. HB-2 was located north of the diesel pump pit, just south of the existing sanitary sewer lines. These borings were drilled to 20 and 25 feet bgs, respectively. The remaining four borings were drilled to 15 feet in depth, with HB-3 located southeast of the diesel pump pit and HB-4 and HB-5 located to the north of the existing 33 sanitary sewer lines. Diesel was detected in HB-1 at the former diesel pump pit excavation at the 10 and 15 feet depth intervals. Diesel was also detected in HB-6 9.5, just west of the storm drain inlet. Deeper samples from HB-6 at 15 and 20 feet were non detect for diesel. Diesel was also detected at the five foot depth interval of HB-3, which is southeast of the diesel pump pit. Diesel was not detected at any depth in HB-2, HB-3, HB-4, or HB-5. April 1997: Additional soil borings were installed as part of a pre-tank removal investigation in 1997. Three of the borings (B-1 through B-3) surrounded the UST excavation. Boring B-5 was located between the UST excavation and diesel pump pit excavation. The fifth boring, B-4, was drilled in the diesel pump pit excavation. B-1 through B-3, the borings surrounding the UST excavation, were drilled

NORTH SAN MATEO COUNTY SANITATION DISTRICT WWTP (Continued) **S101438168**

to approximately 20 feet in depth. B-4, drilled through the diesel pump pit excavation, was extended to 35 feet in depth. Boring B-5, located between the diesel pump pit and UST excavation, was only advanced to 8 feet in depth due to auger refusal. An imported loose gravel backfill was encountered in borings B-1 through B-4 to depths of up to 14 feet bgs (boring B-1). Soils beneath the gravel generally consisted of interbedded sand, silty sand, and sandy silt. A silty clay was encountered in boring B-1 from 19 feet bgs to the total depth of the boring (21.5 feet bgs). Diesel was detected in all three borings (B-1 to B-3) surrounding the UST excavation, at both the 15 and 20 feet sampling interval. Gasoline was also reported in B-1 and B-2 but was not detected in B-3. At the diesel pump pit excavation, diesel was detected in boring B-4 at depths ranging from 6 to 26 feet in depth. Diesel was not detected in a deeper sample collected at 30 feet. During this phase of investigation, soil samples were analyzed for MTBE and lead. MTBE was not detected in any of the soil samples. Lead was detected at concentrations ranging from 1 to 11 mg/kg. None of the reported lead concentrations are above regulatory levels. December 1998: The four existing USTs were removed and replaced in essentially the same location. The removal of the USTs required the installation of shoring. During the tank replacement effort, 1,010 cubic yards of diesel impacted soils were removed from the limits of the shoring and disposed off site. After installation of the new tanks, clean backfill was placed in the excavation. Soil samples SS-1 through SS-18 were collected from below the removed USTs and from the limits of the excavation to depths up to 18 feet below ground surface. The results of the sampling indicated gasoline and diesel in SS-1 through SS-6, collected below the former USTs. In addition, diesel was also detected at the 15 or 18 feet depth interval in samples collected along the western (SS-10 and SS-12) and northern (SS-13 and SS-14) limits of the excavation. Soil samples collected below the gasoline tanks (SS-5 and SS-6) were also analyzed for lead. Lead was detected in both samples at 3 mg/kg, well below any regulatory level. All 28 soil samples during this phase were also analyzed for MTBE. MTBE was detected in SS-13 15 at a concentration of 0.584 mg/kg. MTBE was not detected in any of the remaining 27 samples.

LUST:

Global Id:	T0608100181
Contact Type:	Local Agency Caseworker
Contact Name:	JACOB MADDEN
Organization Name:	SAN MATEO COUNTY LOP
Address:	2000 ALAMEDA DE LAS PULGAS, Suite 100
City:	SAN MATEO
Email:	jmadden@smcgov.org
Phone Number:	6503995959

Global Id:	T0608100181
Contact Type:	Regional Board Caseworker
Contact Name:	Regional Water Board
Organization Name:	SAN FRANCISCO BAY RWQCB (REGION 2)
Address:	1515 CLAY ST SUITE 1400
City:	OAKLAND
Email:	Not reported
Phone Number:	Not reported

NORTH SAN MATEO COUNTY SANITATION DISTRICT WWTP (Continued) **S101438168**

LUST:

Global Id:	T0608100181
Action Type:	ENFORCEMENT
Date:	03/06/2008
Action:	Staff Letter - #20080306
Global Id:	T0608100181
Action Type:	ENFORCEMENT
Date:	08/21/1991
Action:	Staff Letter - #19910821
Global Id:	T0608100181
Action Type:	ENFORCEMENT
Date:	12/03/2003
Action:	Staff Letter - #20031203
Global Id:	T0608100181
Action Type:	ENFORCEMENT
Date:	09/08/1992
Action:	Staff Letter - #19920908
Global Id:	T0608100181
Action Type:	ENFORCEMENT
Date:	07/22/1992
Action:	Staff Letter - #19920722
Global Id:	T0608100181
Action Type:	ENFORCEMENT
Date:	08/18/1992
Action:	Warning Letter - #19920818
Global Id:	T0608100181
Action Type:	ENFORCEMENT
Date:	05/30/2012
Action:	Staff Letter - #20120530
Global Id:	T0608100181
Action Type:	ENFORCEMENT
Date:	07/21/2009
Action:	Staff Letter - #20090721
Global Id:	T0608100181
Action Type:	ENFORCEMENT
Date:	08/27/2009
Action:	Staff Letter - #20090827
Global Id:	T0608100181
Action Type:	ENFORCEMENT
Date:	01/28/2014
Action:	Notification - Preclosure - #20140128
Global Id:	T0608100181
Action Type:	Other
Date:	02/01/1990
Action:	Leak Reported
Global Id:	T0608100181

NORTH SAN MATEO COUNTY SANITATION DISTRICT WWTP (Continued) **S101438168**

Action Type: ENFORCEMENT
Date: 04/17/2014
Action: Closure/No Further Action Letter - #20140417

Global Id: T0608100181
Action Type: ENFORCEMENT
Date: 05/17/2010
Action: Staff Letter - #20100517

Global Id: T0608100181
Action Type: RESPONSE
Date: 10/26/2009
Action: Soil and Water Investigation Workplan

Global Id: T0608100181
Action Type: ENFORCEMENT
Date: 01/12/2012
Action: Staff Letter - #20120112

Global Id: T0608100181
Action Type: RESPONSE
Date: 08/28/2012
Action: Soil and Water Investigation Report - Regulator Responded

Global Id: T0608100181
Action Type: ENFORCEMENT
Date: 07/18/1991
Action: Notice of Responsibility - #1

Global Id: T0608100181
Action Type: Other
Date: 02/14/1990
Action: Leak Discovery

Global Id: T0608100181
Action Type: REMEDIATION
Date: 01/01/1990
Action: Excavation

Global Id: T0608100181
Action Type: REMEDIATION
Date: 12/01/1998
Action: Excavation

Global Id: T0608100181
Action Type: RESPONSE
Date: 05/08/2012
Action: Soil and Water Investigation Workplan - Addendum

LUST:
Global Id: T0608100181
Status: Open - Case Begin Date
Status Date: 02/01/1990

Global Id: T0608100181
Status: Open - Verification Monitoring
Status Date: 02/01/1990

NORTH SAN MATEO COUNTY SANITATION DISTRICT WWTP (Continued) **S101438168**

Global Id: T0608100181
Status: Open - Eligible for Closure
Status Date: 11/19/2013

Global Id: T0608100181
Status: Completed - Case Closed
Status Date: 04/17/2014

CHMIRS:

Name:	Not reported
Address:	153 LAKE MERCED BLVD.
City,State,Zip:	DALY CITY, CA 94015
OES Incident Number:	13-5942
OES notification:	09/21/2013
OES Date:	Not reported
OES Time:	Not reported
Date Completed:	**Not reported**
Property Use:	Not reported
Agency Id Number:	Not reported
Agency Incident Number:	Not reported
Time Notified:	Not reported
Time Completed:	Not reported
Surrounding Area:	Not reported
Estimated Temperature:	Not reported
Property Management:	Not reported
More Than Two Substances Involved?:	Not reported
Resp Agncy Personel # Of Decontaminated:	Not reported
Responding Agency Personel # Of Injuries:	Not reported
Responding Agency Personel # Of Fatalities:	Not reported
Others Number Of Decontaminated:	Not reported
Others Number Of Injuries:	Not reported
Others Number Of Fatalities:	Not reported
Vehicle Make/year:	Not reported
Vehicle License Number:	Not reported
Vehicle State:	Not reported
Vehicle Id Number:	Not reported
CA DOT PUC/ICC Number:	Not reported
Company Name:	Not reported
Reporting Officer Name/ID:	Not reported
Report Date:	Not reported
Facility Telephone:	Not reported
Waterway Involved:	Yes
Waterway:	Storm Drain
Spill Site:	Treatment/Sewage Facility
Cleanup By:	Reporting Party
Containment:	Not reported
What Happened:	Not reported
Type:	Not reported
Measure:	Gal(s)
Other:	Not reported
Date/Time:	1110
Year:	2013
Agency:	City Daly City Waste Water Treatment Plant
Incident Date:	9/21/2013
Admin Agency:	San Mateo County Environmental Health
Amount:	Not reported

NORTH SAN MATEO COUNTY SANITATION DISTRICT WWTP (Continued) **S101438168**

Contained:	Yes
Site Type:	Storm Drain
E Date:	Not reported
Substance:	Sewage
Quantity Released:	200
Unknown:	Not reported
Substance #2:	Not reported
Substance #3:	Not reported
Evacuations:	Not reported
Number of Injuries:	Not reported
Number of Fatalities:	Not reported
#1 Pipeline:	Not reported
#2 Pipeline:	Not reported
#3 Pipeline:	Not reported
#1 Vessel >= 300 Tons:	Not reported
#2 Vessel >= 300 Tons:	Not reported
#3 Vessel >= 300 Tons:	Not reported
Evacs:	Not reported
Injuries:	Not reported
Fatals:	Not reported
Comments:	Not reported
Description:	Caller states: The headworks at the treatment plant backed up and overflowed causing the release. The release was down the roadway and the majority of the release went into facility drains. 200 gallons of the release went into the storm drain.

San Mateo Co. BI:

Name:	NORTH SAN MATEO COUNTY SANITATION
Address:	153 LAKE MERCED
City,State,Zip:	DALY CITY, CA 94015
Region:	SAN MATEO
Facility ID:	FA0022085
Prog Element Code:	GENERATES and RECYCLES WASTE OIL/SOLVENT
Record Id:	PR0023777
Description:	GENERATES & RECYCLES WASTE OIL/SOLVENT
Facility Status:	Active, billable
Program Category:	HAZARDOUS WASTE PROGRAM

Name:	NORTH SAN MATEO COUNTY SANITATION
Address:	153 LAKE MERCED
City,State,Zip:	DALY CITY, CA 94015
Region:	SAN MATEO
Facility ID:	FA0022085
Prog Element Code:	STORES HAZ MAT <219GAL,1,999LB, 879FT3
Record Id:	PR0026267
Description:	STORES HAZ MAT <219GAL,1,999LB, 879CF
Facility Status:	Inactive, non-billable
Program Category:	BUSINESS PLAN PROGRAM

Name:	NORTH SAN MATEO COUNTY SANITATION
Address:	153 LAKE MERCED
City,State,Zip:	DALY CITY, CA 94015
Region:	SAN MATEO
Facility ID:	FA0022085
Prog Element Code:	STORES HAZ MAT <3,499GAL,27,999LB,13,999FT3

NORTH SAN MATEO COUNTY SANITATION DISTRICT WWTP (Continued) **S101438168**

Record Id: PR0000007
Description: STORES HAZ MAT <3,499GAL,27,999LB,13,999CF
Facility Status: Active, billable
Program Category: BUSINESS PLAN PROGRAM

Name: NORTH SAN MATEO COUNTY SANITATION
Address: 153 LAKE MERCED
City,State,Zip: DALY CITY, CA 94015
Region: SAN MATEO
Facility ID: FA0022085
Prog Element Code: 2352
Record Id: PR0079697
Description: TIER I: TANK STOR CAP =>1,320 & <5,000 GAL
Facility Status: Active, billable
Program Category: ABOVE GROUND PETROLEUM STORAGE (AST)

Name: CITY OF DALY CITY MOTOR VEHICLE DIVISION
Address: 153 LAKE MERCED
City,State,Zip: DALY CITY, CA 94015
Region: SAN MATEO
Facility ID: FA0023096
Prog Element Code: UNDERGROUND TANK - GENERAL
Record Id: PR0022290
Description: UNDERGROUND TANK - GENERAL
Facility Status: Active, billable
Program Category: UNDERGROUND TANK PROGRAM

Name: CITY OF DALY CITY MOTOR VEHICLE DIVISION
Address: 153 LAKE MERCED
City,State,Zip: DALY CITY, CA 94015
Region: SAN MATEO
Facility ID: FA0023096
Prog Element Code: GENERATES and RECYCLES WASTE OIL/SOLVENT
Record Id: PR0026288
Description: GENERATES & RECYCLES WASTE OIL/SOLVENT
Facility Status: Inactive, non-billable
Program Category: HAZARDOUS WASTE PROGRAM

Name: CITY OF DALY CITY MOTOR VEHICLE DIVISION
Address: 153 LAKE MERCED
City,State,Zip: DALY CITY, CA 94015
Region: SAN MATEO
Facility ID: FA0023096
Prog Element Code: STORES MV FUELS OR WASTE ONLY
Record Id: PR0026289
Description: STORES MV FUELS OR WASTE ONLY
Facility Status: Active, billable
Program Category: BUSINESS PLAN PROGRAM

ENF:
Name: NORTH SAN MATEO COUNTY SANITATION DISTRICT WWTP
Address: 153 LAKE MERCED BOULEVARD
City,State,Zip: DALY CITY, CA 94015
Region: 2
Facility Id: 244566
Agency Name: North San Mateo County Sanitation District
Place Type: Utility

NORTH SAN MATEO COUNTY SANITATION DISTRICT WWTP (Continued) **S101438168**

Place Subtype:	Wastewater Treatment Facility
Facility Type:	Municipal/Domestic
Agency Type:	Special District
# Of Agencies:	1
Place Latitude:	37.70279
Place Longitude:	-122.48501
SIC Code 1:	4952
SIC Desc 1:	Sewerage Systems
SIC Code 2:	Not reported
SIC Desc 2:	Not reported
SIC Code 3:	Not reported
SIC Desc 3:	Not reported
NAICS Code 1:	Not reported
NAICS Desc 1:	Not reported
NAICS Code 2:	Not reported
NAICS Desc 2:	Not reported
NAICS Code 3:	Not reported
NAICS Desc 3:	Not reported
# Of Places:	1
Source Of Facility:	Reg Meas
Design Flow:	8
Threat To Water Quality:	2
Complexity:	A
Pretreatment:	N - POTW does not have EPA approved pretreatment prog.
Facility Waste Type:	Domestic wastewater
Facility Waste Type 2:	Not reported
Facility Waste Type 3:	Not reported
Facility Waste Type 4:	Not reported
Program:	NPDMUNILRG
Program Category1:	NPDESWW
Program Category2:	NPDESWW
# Of Programs:	1
WDID:	2 417021001
Reg Measure Id:	383103
Reg Measure Type:	NPDES Permits
Region:	2
Order #:	R2-2012-0013
Npdes# CA#:	CA0037737
Major-Minor:	Major
Npdes Type:	MUN
Reclamation:	2 - Producer-User
Dredge Fill Fee:	Not reported
301H:	N
Application Fee Amt Received:	Not reported
Status:	Historical
Status Date:	07/13/2017
Effective Date:	04/01/2012
Expiration/Review Date:	03/31/2017
Termination Date:	08/31/2017
WDR Review - Amend:	Not reported
WDR Review - Revise/Renew:	Not reported
WDR Review - Rescind:	Not reported
WDR Review - No Action Required:	Not reported
WDR Review - Pending:	Not reported
WDR Review - Planned:	Not reported
Status Enrollee:	N
Individual/General:	I

NORTH SAN MATEO COUNTY SANITATION DISTRICT WWTP (Continued) **S101438168**

Fee Code:	66 - NPDES Based on Flow
Direction/Voice:	Passive
Enforcement Id(EID):	407979
Region:	2
Order / Resolution Number:	Not reported
Enforcement Action Type:	Oral Communication
Effective Date:	02/17/2015
Adoption/Issuance Date:	02/17/2015
Achieve Date:	Not reported
Termination Date:	02/17/2015
ACL Issuance Date:	Not reported
EPL Issuance Date:	Not reported
Status:	Historical
Title:	Oral Com 02/17/2015 for North San Mateo County Sanitation District
Description:	Not reported
Program:	NPDMUNILRG
Latest Milestone Completion Date:	Not reported
# Of Programs1:	1
Total Assessment Amount:	0
Initial Assessed Amount:	0
Liability $ Amount:	0
Project $ Amount:	0
Liability $ Paid:	0
Project $ Completed:	0
Total $ Paid/Completed Amount:	0

Name:	NORTH SAN MATEO COUNTY SANITATION DISTRICT WWTP
Address:	153 LAKE MERCED BOULEVARD
City,State,Zip:	DALY CITY, CA 94015
Region:	2
Facility Id:	244566
Agency Name:	North San Mateo County Sanitation District
Place Type:	Utility
Place Subtype:	Wastewater Treatment Facility
Facility Type:	Municipal/Domestic
Agency Type:	Special District
# Of Agencies:	1
Place Latitude:	37.70279
Place Longitude:	-122.48501
SIC Code 1:	4952
SIC Desc 1:	Sewerage Systems
SIC Code 2:	Not reported
SIC Desc 2:	Not reported
SIC Code 3:	Not reported
SIC Desc 3:	Not reported
NAICS Code 1:	Not reported
NAICS Desc 1:	Not reported
NAICS Code 2:	Not reported
NAICS Desc 2:	Not reported
NAICS Code 3:	Not reported
NAICS Desc 3:	Not reported
# Of Places:	1
Source Of Facility:	Reg Meas
Design Flow:	8
Threat To Water Quality:	2
Complexity:	A
Pretreatment:	N - POTW does not have EPA approved pretreatment prog.

NORTH SAN MATEO COUNTY SANITATION DISTRICT WWTP (Continued) **S101438168**

Facility Waste Type:	Domestic wastewater
Facility Waste Type 2:	Not reported
Facility Waste Type 3:	Not reported
Facility Waste Type 4:	Not reported
Program:	NPDMUNILRG
Program Category1:	NPDESWW
Program Category2:	NPDESWW
# Of Programs:	1
WDID:	2 417021001
Reg Measure Id:	383103
Reg Measure Type:	NPDES Permits
Region:	2
Order #:	R2-2012-0013
Npdes# CA#:	CA0037737
Major-Minor:	Major
Npdes Type:	MUN
Reclamation:	2 - Producer-User
Dredge Fill Fee:	Not reported
301H:	N
Application Fee Amt Received:	Not reported
Status:	Historical
Status Date:	07/13/2017
Effective Date:	04/01/2012
Expiration/Review Date:	03/31/2017
Termination Date:	08/31/2017
WDR Review - Amend:	Not reported
WDR Review - Revise/Renew:	Not reported
WDR Review - Rescind:	Not reported
WDR Review - No Action Required:	Not reported
WDR Review - Pending:	Not reported
WDR Review - Planned:	Not reported
Status Enrollee:	N
Individual/General:	I
Fee Code:	66 - NPDES Based on Flow
Direction/Voice:	Passive
Enforcement Id(EID):	407976
Region:	2
Order / Resolution Number:	Not reported
Enforcement Action Type:	Staff Enforcement Letter
Effective Date:	10/05/2015
Adoption/Issuance Date:	10/05/2015
Achieve Date:	Not reported
Termination Date:	01/07/2016
ACL Issuance Date:	Not reported
EPL Issuance Date:	Not reported
Status:	Historical
Title:	SEL 10/05/2015 for North San Mateo County Sanitation District
Description:	Unauthorized release occurred between December 11 and December 12, 2014 (Violation ID#985190) due to effluent pump malfunction during significant rain events. More than 22,000 gallons of secondary treated but undisinfected effluent overflew into the storm drain and the Pacific Ocean. We followed it up in the 2015 Compliance Evaluation Inspection which, among other things, required NSMCSD to submit a comprehensive discussion of corrective actions taken or planned to improve their wastewater collection and treatment practices. NSMCSD responded on November 19, 2015,

NORTH SAN MATEO COUNTY SANITATION DISTRICT WWTP (Continued) **S101438168**

	in part, by revising and resubmitting its December 2014 SMR to address the issue. See attachments.
Program:	NPDMUNILRG
Latest Milestone Completion Date:	Not reported
# Of Programs1:	1
Total Assessment Amount:	0
Initial Assessed Amount:	0
Liability $ Amount:	0
Project $ Amount:	0
Liability $ Paid:	0
Project $ Completed:	0
Total $ Paid/Completed Amount:	0

Name:	NORTH SAN MATEO COUNTY SANITATION DISTRICT WWTP
Address:	153 LAKE MERCED BOULEVARD
City,State,Zip:	DALY CITY, CA 94015
Region:	2
Facility Id:	244566
Agency Name:	North San Mateo County Sanitation District
Place Type:	Utility
Place Subtype:	Wastewater Treatment Facility
Facility Type:	Municipal/Domestic
Agency Type:	Special District
# Of Agencies:	1
Place Latitude:	37.70279
Place Longitude:	-122.48501
SIC Code 1:	4952
SIC Desc 1:	Sewerage Systems
SIC Code 2:	Not reported
SIC Desc 2:	Not reported
SIC Code 3:	Not reported
SIC Desc 3:	Not reported
NAICS Code 1:	Not reported
NAICS Desc 1:	Not reported
NAICS Code 2:	Not reported
NAICS Desc 2:	Not reported
NAICS Code 3:	Not reported
NAICS Desc 3:	Not reported
# Of Places:	1
Source Of Facility:	Reg Meas
Design Flow:	8
Threat To Water Quality:	2
Complexity:	A
Pretreatment:	N - POTW does not have EPA approved pretreatment prog.
Facility Waste Type:	Domestic wastewater
Facility Waste Type 2:	Not reported
Facility Waste Type 3:	Not reported
Facility Waste Type 4:	Not reported
Program:	NPDMUNILRG
Program Category1:	NPDESWW
Program Category2:	NPDESWW
# Of Programs:	1
WDID:	2 417021001
Reg Measure Id:	383103
Reg Measure Type:	NPDES Permits
Region:	2
Order #:	R2-2012-0013

NORTH SAN MATEO COUNTY SANITATION DISTRICT WWTP (Continued) **S101438168**

Npdes# CA#:	CA0037737
Major-Minor:	Major
Npdes Type:	MUN
Reclamation:	2 - Producer-User
Dredge Fill Fee:	Not reported
301H:	N
Application Fee Amt Received:	Not reported
Status:	Historical
Status Date:	07/13/2017
Effective Date:	04/01/2012
Expiration/Review Date:	03/31/2017
Termination Date:	08/31/2017
WDR Review - Amend:	Not reported
WDR Review - Revise/Renew:	Not reported
WDR Review - Rescind:	Not reported
WDR Review - No Action Required:	Not reported
WDR Review - Pending:	Not reported
WDR Review - Planned:	Not reported
Status Enrollee:	N
Individual/General:	I
Fee Code:	66 - NPDES Based on Flow
Direction/Voice:	Passive
Enforcement Id(EID):	394024
Region:	2
Order / Resolution Number:	Not reported
Enforcement Action Type:	Notice of Violation
Effective Date:	11/22/2013
Adoption/Issuance Date:	11/22/2013
Achieve Date:	Not reported
Termination Date:	12/31/2013
ACL Issuance Date:	Not reported
EPL Issuance Date:	Not reported
Status:	Historical
Title:	NOV 11/22/2013 for North San Mateo County Sanitation District
Description:	On December 13, 2012, the District discharged 1.31 million gallons of partially disinfected effluent into the Pacific Ocean. The incident occurred after 100 gallons of sodium bisulfite was accidentally pumped into the tank storing sodium hypochlorite, neutralizing its chemical strength. For two periods, totaling 3 hours and 42 minutes, the District allowed the plant discharge to proceed without evidence that adequate chlorine was present in the contact basin. The District did not report the incident discussed above to the Regional Water Board, the California Emergency Management Agency, or local health officers.
Program:	NPDMUNILRG
Latest Milestone Completion Date:	Not reported
# Of Programs1:	1
Total Assessment Amount:	0
Initial Assessed Amount:	0
Liability $ Amount:	0
Project $ Amount:	0
Liability $ Paid:	0
Project $ Completed:	0
Total $ Paid/Completed Amount:	0

Name:	NORTH SAN MATEO COUNTY SANITATION DISTRICT WWTP

NORTH SAN MATEO COUNTY SANITATION DISTRICT WWTP (Continued) **S101438168**

Address:	153 LAKE MERCED BOULEVARD
City,State,Zip:	DALY CITY, CA 94015
Region:	2
Facility Id:	244566
Agency Name:	North San Mateo County Sanitation District
Place Type:	Utility
Place Subtype:	Wastewater Treatment Facility
Facility Type:	Municipal/Domestic
Agency Type:	Special District
# Of Agencies:	1
Place Latitude:	37.70279
Place Longitude:	-122.48501
SIC Code 1:	4952
SIC Desc 1:	Sewerage Systems
SIC Code 2:	Not reported
SIC Desc 2:	Not reported
SIC Code 3:	Not reported
SIC Desc 3:	Not reported
NAICS Code 1:	Not reported
NAICS Desc 1:	Not reported
NAICS Code 2:	Not reported
NAICS Desc 2:	Not reported
NAICS Code 3:	Not reported
NAICS Desc 3:	Not reported
# Of Places:	1
Source Of Facility:	Reg Meas
Design Flow:	8
Threat To Water Quality:	2
Complexity:	A
Pretreatment:	N - POTW does not have EPA approved pretreatment prog.
Facility Waste Type:	Domestic wastewater
Facility Waste Type 2:	Not reported
Facility Waste Type 3:	Not reported
Facility Waste Type 4:	Not reported
Program:	NPDMUNILRG
Program Category1:	NPDESWW
Program Category2:	NPDESWW
# Of Programs:	1
WDID:	2 417021001
Reg Measure Id:	383103
Reg Measure Type:	NPDES Permits
Region:	2
Order #:	R2-2012-0013
Npdes# CA#:	CA0037737
Major-Minor:	Major
Npdes Type:	MUN
Reclamation:	2 - Producer-User
Dredge Fill Fee:	Not reported
301H:	N
Application Fee Amt Received:	Not reported
Status:	Historical
Status Date:	07/13/2017
Effective Date:	04/01/2012
Expiration/Review Date:	03/31/2017
Termination Date:	08/31/2017
WDR Review - Amend:	Not reported
WDR Review - Revise/Renew:	Not reported

NORTH SAN MATEO COUNTY SANITATION DISTRICT WWTP (Continued) **S101438168**

WDR Review - Rescind:	Not reported
WDR Review - No Action Required:	Not reported
WDR Review - Pending:	Not reported
WDR Review - Planned:	Not reported
Status Enrollee:	N
Individual/General:	I
Fee Code:	66 - NPDES Based on Flow
Direction/Voice:	Passive
Enforcement Id(EID):	393906
Region:	2
Order / Resolution Number:	Not reported
Enforcement Action Type:	Oral Communication
Effective Date:	09/26/2013
Adoption/Issuance Date:	09/26/2013
Achieve Date:	Not reported
Termination Date:	09/26/2013
ACL Issuance Date:	Not reported
EPL Issuance Date:	Not reported
Status:	Historical
Title:	Oral Com 09/23/2013 for North San Mateo County Sanitation District
Description:	Overflow of 125 gallons sewage from Headwork#2 to a stormdrain. WB staff determined oral com was appropriate becasue: (1) the incident was relatively minor (2) the corrective actions the Discharger implemented were adequate, and (3) no similiar incident occured recently (the last release occurred in August 1995).
Program:	NPDMUNILRG
Latest Milestone Completion Date:	Not reported
# Of Programs1:	1
Total Assessment Amount:	0
Initial Assessed Amount:	0
Liability $ Amount:	0
Project $ Amount:	0
Liability $ Paid:	0
Project $ Completed:	0
Total $ Paid/Completed Amount:	0

Name:	NORTH SAN MATEO COUNTY SANITATION DISTRICT WWTP
Address:	153 LAKE MERCED BOULEVARD
City,State,Zip:	DALY CITY, CA 94015
Region:	2
Facility Id:	244566
Agency Name:	North San Mateo County Sanitation District
Place Type:	Utility
Place Subtype:	Wastewater Treatment Facility
Facility Type:	Municipal/Domestic
Agency Type:	Special District
# Of Agencies:	1
Place Latitude:	37.70279
Place Longitude:	-122.48501
SIC Code 1:	4952
SIC Desc 1:	Sewerage Systems
SIC Code 2:	Not reported
SIC Desc 2:	Not reported
SIC Code 3:	Not reported
SIC Desc 3:	Not reported
NAICS Code 1:	Not reported

NORTH SAN MATEO COUNTY SANITATION DISTRICT WWTP (Continued) **S101438168**

NAICS Desc 1:	Not reported
NAICS Code 2:	Not reported
NAICS Desc 2:	Not reported
NAICS Code 3:	Not reported
NAICS Desc 3:	Not reported
# Of Places:	1
Source Of Facility:	Reg Meas
Design Flow:	8
Threat To Water Quality:	2
Complexity:	A
Pretreatment:	N - POTW does not have EPA approved pretreatment prog.
Facility Waste Type:	Domestic wastewater
Facility Waste Type 2:	Not reported
Facility Waste Type 3:	Not reported
Facility Waste Type 4:	Not reported
Program:	NPDMUNILRG
Program Category1:	NPDESWW
Program Category2:	NPDESWW
# Of Programs:	1
WDID:	2 417021001
Reg Measure Id:	383103
Reg Measure Type:	NPDES Permits
Region:	2
Order #:	R2-2012-0013
Npdes# CA#:	CA0037737
Major-Minor:	Major
Npdes Type:	MUN
Reclamation:	2 - Producer-User
Dredge Fill Fee:	Not reported
301H:	N
Application Fee Amt Received:	Not reported
Status:	Historical
Status Date:	07/13/2017
Effective Date:	04/01/2012
Expiration/Review Date:	03/31/2017
Termination Date:	08/31/2017
WDR Review - Amend:	Not reported
WDR Review - Revise/Renew:	Not reported
WDR Review - Rescind:	Not reported
WDR Review - No Action Required:	Not reported
WDR Review - Pending:	Not reported
WDR Review - Planned:	Not reported
Status Enrollee:	N
Individual/General:	I
Fee Code:	66 - NPDES Based on Flow
Direction/Voice:	Passive
Enforcement Id(EID):	393889
Region:	2
Order / Resolution Number:	Not reported
Enforcement Action Type:	Oral Communication
Effective Date:	08/01/2013
Adoption/Issuance Date:	08/01/2013
Achieve Date:	Not reported
Termination Date:	08/02/2013
ACL Issuance Date:	Not reported
EPL Issuance Date:	Not reported
Status:	Historical

NORTH SAN MATEO COUNTY SANITATION DISTRICT WWTP (Continued) **S101438168**

Title:	Oral Com 08/01/2013 for North San Mateo County Sanitation District
Description:	During the first week of this month the scheduled weekly final effluent Enterococcus sample was not collected. WB staff concurred with Discharger's corrective measures (Discharger's staff has reviewed sampling schedules and procedures. The Lab supervisor has been directed to review all scheduled sampling requirements collected for the week and on Thursdays he is required to verify all have been collected and sent out or analyzed on site. Furthermore, he is to review and prepare a report advising staff that sampling for the prior week is or is not complete and state what the upcoming weeks sampling schedule will be.)
Program:	NPDMUNILRG
Latest Milestone Completion Date:	Not reported
# Of Programs1:	1
Total Assessment Amount:	0
Initial Assessed Amount:	0
Liability $ Amount:	0
Project $ Amount:	0
Liability $ Paid:	0
Project $ Completed:	0
Total $ Paid/Completed Amount:	0

Name:	NORTH SAN MATEO COUNTY SANITATION DISTRICT WWTP
Address:	153 LAKE MERCED BOULEVARD
City,State,Zip:	DALY CITY, CA 94015
Region:	2
Facility Id:	244566
Agency Name:	North San Mateo County Sanitation District
Place Type:	Utility
Place Subtype:	Wastewater Treatment Facility
Facility Type:	Municipal/Domestic
Agency Type:	Special District
# Of Agencies:	1
Place Latitude:	37.70279
Place Longitude:	-122.48501
SIC Code 1:	4952
SIC Desc 1:	Sewerage Systems
SIC Code 2:	Not reported
SIC Desc 2:	Not reported
SIC Code 3:	Not reported
SIC Desc 3:	Not reported
NAICS Code 1:	Not reported
NAICS Desc 1:	Not reported
NAICS Code 2:	Not reported
NAICS Desc 2:	Not reported
NAICS Code 3:	Not reported
NAICS Desc 3:	Not reported
# Of Places:	1
Source Of Facility:	Reg Meas
Design Flow:	8
Threat To Water Quality:	2
Complexity:	A
Pretreatment:	N - POTW does not have EPA approved pretreatment prog.
Facility Waste Type:	Domestic wastewater
Facility Waste Type 2:	Not reported
Facility Waste Type 3:	Not reported

NORTH SAN MATEO COUNTY SANITATION DISTRICT WWTP (Continued) **S101438168**

Facility Waste Type 4:	Not reported
Program:	NPDMUNILRG
Program Category1:	NPDESWW
Program Category2:	NPDESWW
# Of Programs:	1
WDID:	2 417021001
Reg Measure Id:	383103
Reg Measure Type:	NPDES Permits
Region:	2
Order #:	R2-2012-0013
Npdes# CA#:	CA0037737
Major-Minor:	Major
Npdes Type:	MUN
Reclamation:	2 - Producer-User
Dredge Fill Fee:	Not reported
301H:	N
Application Fee Amt Received:	Not reported
Status:	Historical
Status Date:	07/13/2017
Effective Date:	04/01/2012
Expiration/Review Date:	03/31/2017
Termination Date:	08/31/2017
WDR Review - Amend:	Not reported
WDR Review - Revise/Renew:	Not reported
WDR Review - Rescind:	Not reported
WDR Review - No Action Required:	Not reported
WDR Review - Pending:	Not reported
WDR Review - Planned:	Not reported
Status Enrollee:	N
Individual/General:	I
Fee Code:	66 - NPDES Based on Flow
Direction/Voice:	Passive
Enforcement Id(EID):	389772
Region:	2
Order / Resolution Number:	Not reported
Enforcement Action Type:	Oral Communication
Effective Date:	11/30/2012
Adoption/Issuance Date:	11/30/2012
Achieve Date:	Not reported
Termination Date:	11/30/2012
ACL Issuance Date:	Not reported
EPL Issuance Date:	Not reported
Status:	Historical
Title:	Oral Com 11/30/2012 for North San Mateo County Sanitation District
Description:	For the month of November 2012 there was only one ammonia nitrogen sample collected; the second sample was scheduled but inadvertently not collected. The WB staff concurred with Discharger's proposed corrective measure, covering both Violation ID # 942716 and # 940928. (The corrective measure going forward is the Ammonia Nitrogen sample will be collected weekly up to 4 times per month.)
Program:	NPDMUNILRG
Latest Milestone Completion Date:	Not reported
# Of Programs1:	1
Total Assessment Amount:	0
Initial Assessed Amount:	0
Liability $ Amount:	0

NORTH SAN MATEO COUNTY SANITATION DISTRICT WWTP (Continued) **S101438168**

Project $ Amount:	0
Liability $ Paid:	0
Project $ Completed:	0
Total $ Paid/Completed Amount:	0
Name:	NORTH SAN MATEO COUNTY SANITATION DISTRICT WWTP
Address:	153 LAKE MERCED BOULEVARD
City,State,Zip:	DALY CITY, CA 94015
Region:	2
Facility Id:	244566
Agency Name:	North San Mateo County Sanitation District
Place Type:	Utility
Place Subtype:	Wastewater Treatment Facility
Facility Type:	Municipal/Domestic
Agency Type:	Special District
# Of Agencies:	1
Place Latitude:	37.70279
Place Longitude:	-122.48501
SIC Code 1:	4952
SIC Desc 1:	Sewerage Systems
SIC Code 2:	Not reported
SIC Desc 2:	Not reported
SIC Code 3:	Not reported
SIC Desc 3:	Not reported
NAICS Code 1:	Not reported
NAICS Desc 1:	Not reported
NAICS Code 2:	Not reported
NAICS Desc 2:	Not reported
NAICS Code 3:	Not reported
NAICS Desc 3:	Not reported
# Of Places:	1
Source Of Facility:	Reg Meas
Design Flow:	8
Threat To Water Quality:	2
Complexity:	A
Pretreatment:	N - POTW does not have EPA approved pretreatment prog.
Facility Waste Type:	Domestic wastewater
Facility Waste Type 2:	Not reported
Facility Waste Type 3:	Not reported
Facility Waste Type 4:	Not reported
Program:	NPDMUNILRG
Program Category1:	NPDESWW
Program Category2:	NPDESWW
# Of Programs:	1
WDID:	2 417021001
Reg Measure Id:	313195
Reg Measure Type:	NPDES Permits
Region:	2
Order #:	R2-2006-0068
Npdes# CA#:	Not reported
Major-Minor:	Major
Npdes Type:	MUN
Reclamation:	2 - Producer-User
Dredge Fill Fee:	Not reported
301H:	N
Application Fee Amt Received:	Not reported
Status:	Historical

NORTH SAN MATEO COUNTY SANITATION DISTRICT WWTP (Continued) **S101438168**

Status Date:	06/25/2012
Effective Date:	12/01/2006
Expiration/Review Date:	11/30/2011
Termination Date:	03/31/2012
WDR Review - Amend:	Not reported
WDR Review - Revise/Renew:	Not reported
WDR Review - Rescind:	Not reported
WDR Review - No Action Required:	Not reported
WDR Review - Pending:	Not reported
WDR Review - Planned:	Not reported
Status Enrollee:	N
Individual/General:	I
Fee Code:	66 - NPDES Based on Flow
Direction/Voice:	Active
Enforcement Id(EID):	381768
Region:	2
Order / Resolution Number:	R2-2012-0080
Enforcement Action Type:	Admin Civil Liability
Effective Date:	01/15/2013
Adoption/Issuance Date:	01/15/2013
Achieve Date:	Not reported
Termination Date:	02/12/2013
ACL Issuance Date:	Not reported
EPL Issuance Date:	12/06/2012
Status:	Historical
Title:	ACL R2-2012-0080 for North San Mateo County Sanitation District
Description:	MMP
Program:	NPDESWW
Latest Milestone Completion Date:	2/6/2013
# Of Programs1:	1
Total Assessment Amount:	21000
Initial Assessed Amount:	21000
Liability $ Amount:	21000
Project $ Amount:	0
Liability $ Paid:	21000
Project $ Completed:	0
Total $ Paid/Completed Amount:	21000

Name:	NORTH SAN MATEO COUNTY SANITATION DISTRICT WWTP
Address:	153 LAKE MERCED BOULEVARD
City,State,Zip:	DALY CITY, CA 94015
Region:	2
Facility Id:	244566
Agency Name:	North San Mateo County Sanitation District
Place Type:	Utility
Place Subtype:	Wastewater Treatment Facility
Facility Type:	Municipal/Domestic
Agency Type:	Special District
# Of Agencies:	1
Place Latitude:	37.70279
Place Longitude:	-122.48501
SIC Code 1:	4952
SIC Desc 1:	Sewerage Systems
SIC Code 2:	Not reported
SIC Desc 2:	Not reported
SIC Code 3:	Not reported
SIC Desc 3:	Not reported

NORTH SAN MATEO COUNTY SANITATION DISTRICT WWTP (Continued) **S101438168**

NAICS Code 1:	Not reported
NAICS Desc 1:	Not reported
NAICS Code 2:	Not reported
NAICS Desc 2:	Not reported
NAICS Code 3:	Not reported
NAICS Desc 3:	Not reported
# Of Places:	1
Source Of Facility:	Reg Meas
Design Flow:	8
Threat To Water Quality:	2
Complexity:	A
Pretreatment:	N - POTW does not have EPA approved pretreatment prog.
Facility Waste Type:	Domestic wastewater
Facility Waste Type 2:	Not reported
Facility Waste Type 3:	Not reported
Facility Waste Type 4:	Not reported
Program:	NPDMUNILRG
Program Category1:	NPDESWW
Program Category2:	NPDESWW
# Of Programs:	1
WDID:	2 417021001
Reg Measure Id:	147250
Reg Measure Type:	NPDES Permits
Region:	2
Order #:	R2-2000-0017
Npdes# CA#:	CA0037737
Major-Minor:	Major
Npdes Type:	MUN
Reclamation:	2 - Producer-User
Dredge Fill Fee:	Not reported
301H:	N
Application Fee Amt Received:	Not reported
Status:	Historical
Status Date:	12/01/2006
Effective Date:	03/15/2000
Expiration/Review Date:	03/15/2005
Termination Date:	12/01/2006
WDR Review - Amend:	Not reported
WDR Review - Revise/Renew:	Not reported
WDR Review - Rescind:	Not reported
WDR Review - No Action Required:	Not reported
WDR Review - Pending:	Not reported
WDR Review - Planned:	Not reported
Status Enrollee:	N
Individual/General:	I
Fee Code:	66 - NPDES Based on Flow
Direction/Voice:	Passive
Enforcement Id(EID):	255345
Region:	2
Order / Resolution Number:	R2-2004-0097
Enforcement Action Type:	Admin Civil Liability
Effective Date:	02/04/2005
Adoption/Issuance Date:	Not reported
Achieve Date:	Not reported
Termination Date:	Not reported
ACL Issuance Date:	Not reported
EPL Issuance Date:	Not reported

NORTH SAN MATEO COUNTY SANITATION DISTRICT WWTP (Continued) **S101438168**

Status:	Historical
Title:	Enforcement - R2-2004-0097-MMP for NORTH SAN MATEO WWTP 2 417021001
Description:	MMP for violations in September 2002.
Program:	NPDMUNILRG
Latest Milestone Completion Date:	4/3/2006
# Of Programs1:	1
Total Assessment Amount:	6000
Initial Assessed Amount:	0
Liability $ Amount:	0
Project $ Amount:	0
Liability $ Paid:	0
Project $ Completed:	0
Total $ Paid/Completed Amount:	6000

Name:	NORTH SAN MATEO COUNTY SANITATION DISTRICT WWTP
Address:	153 LAKE MERCED BOULEVARD
City,State,Zip:	DALY CITY, CA 94015
Region:	2
Facility Id:	244566
Agency Name:	North San Mateo County Sanitation District
Place Type:	Utility
Place Subtype:	Wastewater Treatment Facility
Facility Type:	Municipal/Domestic
Agency Type:	Special District
# Of Agencies:	1
Place Latitude:	37.70279
Place Longitude:	-122.48501
SIC Code 1:	4952
SIC Desc 1:	Sewerage Systems
SIC Code 2:	Not reported
SIC Desc 2:	Not reported
SIC Code 3:	Not reported
SIC Desc 3:	Not reported
NAICS Code 1:	Not reported
NAICS Desc 1:	Not reported
NAICS Code 2:	Not reported
NAICS Desc 2:	Not reported
NAICS Code 3:	Not reported
NAICS Desc 3:	Not reported
# Of Places:	1
Source Of Facility:	Reg Meas
Design Flow:	8
Threat To Water Quality:	2
Complexity:	A
Pretreatment:	N - POTW does not have EPA approved pretreatment prog.
Facility Waste Type:	Domestic wastewater
Facility Waste Type 2:	Not reported
Facility Waste Type 3:	Not reported
Facility Waste Type 4:	Not reported
Program:	NPDMUNILRG
Program Category1:	NPDESWW
Program Category2:	NPDESWW
# Of Programs:	1
WDID:	2 417021001
Reg Measure Id:	147250
Reg Measure Type:	NPDES Permits
Region:	2

NORTH SAN MATEO COUNTY SANITATION DISTRICT WWTP (Continued) **S101438168**

Order #:	R2-2000-0017
Npdes# CA#:	CA0037737
Major-Minor:	Major
Npdes Type:	MUN
Reclamation:	2 - Producer-User
Dredge Fill Fee:	Not reported
301H:	N
Application Fee Amt Received:	Not reported
Status:	Historical
Status Date:	12/01/2006
Effective Date:	03/15/2000
Expiration/Review Date:	03/15/2005
Termination Date:	12/01/2006
WDR Review - Amend:	Not reported
WDR Review - Revise/Renew:	Not reported
WDR Review - Rescind:	Not reported
WDR Review - No Action Required:	Not reported
WDR Review - Pending:	Not reported
WDR Review - Planned:	Not reported
Status Enrollee:	N
Individual/General:	I
Fee Code:	66 - NPDES Based on Flow
Direction/Voice:	Passive
Enforcement Id(EID):	250023
Region:	2
Order / Resolution Number:	R2-2002-0036
Enforcement Action Type:	Admin Civil Liability
Effective Date:	09/17/2003
Adoption/Issuance Date:	09/17/2003
Achieve Date:	Not reported
Termination Date:	10/24/2005
ACL Issuance Date:	Not reported
EPL Issuance Date:	Not reported
Status:	Historical
Title:	Enforcement - 2 417021001
Description:	$35,180 penalty including $5,000 staff cost for failure to miaintain ELAP accreditation since December 31, 1984.
Program:	NPDMUNILRG
Latest Milestone Completion Date:	10/24/2005
# Of Programs1:	1
Total Assessment Amount:	35180
Initial Assessed Amount:	0
Liability $ Amount:	5000
Project $ Amount:	0
Liability $ Paid:	5000
Project $ Completed:	0
Total $ Paid/Completed Amount:	5000

HIST CORTESE:

edr_fname:	DALY CITY WASTEWATER PLAN
edr_fadd1:	153 LAKE MERCED
City,State,Zip:	DALY CITY, CA 94015
Region:	CORTESE
Facility County Code:	41
Reg By:	LTNKA
Reg Id:	41-0190

NORTH SAN MATEO COUNTY SANITATION DISTRICT WWTP (Continued) **S101438168**

NPDES:

Name:	NORTH SAN MATEO COUNTY SANITATION DISTRICT WWTP
Address:	153 LAKE MERCED BOULEVARD
City,State,Zip:	DALY CITY, CA 94015
Facility Status:	Historical
NPDES Number:	CA0037737
Region:	2
Agency Number:	31673
Regulatory Measure ID:	383103
Place ID:	244566
Order Number:	R2-2012-0013
WDID:	2 417021001
Regulatory Measure Type:	NPDES Permits
Program Type:	NPDMUNILRG
Adoption Date Of Regulatory Measure:	02/08/2012
Effective Date Of Regulatory Measure:	04/01/2012
Termination Date Of Regulatory Measure:	08/31/2017
Expiration Date Of Regulatory Measure:	03/31/2017
Discharge Address:	333 90th Street
Discharge Name:	North San Mateo County Sanitation District
Discharge City:	Daly City
Discharge State:	CA
Discharge Zip:	94015
Status:	Not reported
Status Date:	Not reported
Operator Name:	Not reported
Operator Address:	Not reported
Operator City:	Not reported
Operator State:	Not reported
Operator Zip:	Not reported

NPDES as of 03/2018:

NPDES Number:	CA0037737
Status:	Historical
Agency Number:	31673
Region:	2
Regulatory Measure ID:	383103
Order Number:	R2-2012-0013
Regulatory Measure Type:	NPDES Permits
Place ID:	244566
WDID:	2 417021001
Program Type:	NPDMUNILRG
Adoption Date Of Regulatory Measure:	02/08/2012
Effective Date Of Regulatory Measure:	04/01/2012
Expiration Date Of Regulatory Measure:	03/31/2017
Termination Date Of Regulatory Measure:	08/31/2017
Discharge Name:	North San Mateo County Sanitation District
Discharge Address:	333 90th Street
Discharge City:	Daly City
Discharge State:	CA
Discharge Zip:	94015
Received Date:	Not reported
Processed Date:	Not reported
Status:	Not reported
Status Date:	Not reported
Place Size:	Not reported
Place Size Unit:	Not reported

NORTH SAN MATEO COUNTY SANITATION DISTRICT WWTP (Continued) **S101438168**

Contact:	Not reported
Contact Title:	Not reported
Contact Phone:	Not reported
Contact Phone Ext:	Not reported
Contact Email:	Not reported
Operator Name:	Not reported
Operator Address:	Not reported
Operator City:	Not reported
Operator State:	Not reported
Operator Zip:	Not reported
Operator Contact:	Not reported
Operator Contact Title:	Not reported
Operator Contact Phone:	Not reported
Operator Contact Phone Ext:	Not reported
Operator Contact Email:	Not reported
Operator Type:	Not reported
Developer:	Not reported
Developer Address:	Not reported
Developer City:	Not reported
Developer State:	Not reported
Developer Zip:	Not reported
Developer Contact:	Not reported
Developer Contact Title:	Not reported
Constype Linear Utility Ind:	Not reported
Emergency Phone:	Not reported
Emergency Phone Ext:	Not reported
Constype Above Ground Ind:	Not reported
Constype Below Ground Ind:	Not reported
Constype Cable Line Ind:	Not reported
Constype Comm Line Ind:	Not reported
Constype Commertial Ind:	Not reported
Constype Electrical Line Ind:	Not reported
Constype Gas Line Ind:	Not reported
Constype Industrial Ind:	Not reported
Constype Other Description:	Not reported
Constype Other Ind:	Not reported
Constype Recons Ind:	Not reported
Constype Residential Ind:	Not reported
Constype Transport Ind:	Not reported
Constype Utility Description:	Not reported
Constype Utility Ind:	Not reported
Constype Water Sewer Ind:	Not reported
Dir Discharge Uswater Ind:	Not reported
Receiving Water Name:	Not reported
Certifier:	Not reported
Certifier Title:	Not reported
Certification Date:	Not reported
Primary Sic:	Not reported
Secondary Sic:	Not reported
Tertiary Sic:	Not reported

Name:	NORTH SAN MATEO COUNTY SANITATION DISTRICT WWTP
Address:	153 LAKE MERCED BOULEVARD
City,State,Zip:	DALY CITY, CA 94015
Facility Status:	Active
NPDES Number:	CA0037737

NORTH SAN MATEO COUNTY SANITATION DISTRICT WWTP (Continued) **S101438168**

Region:	2
Agency Number:	31673
Regulatory Measure ID:	414390
Place ID:	244566
Order Number:	R2-2017-0026
WDID:	2 417021001~/~2 417021002
Regulatory Measure Type:	NPDES Permits
Program Type:	NPDMUNILRG
Adoption Date Of Regulatory Measure:	07/12/2017
Effective Date Of Regulatory Measure:	09/01/2017
Termination Date Of Regulatory Measure:	Not reported
Expiration Date Of Regulatory Measure:	08/31/2022
Discharge Address:	333 90th Street
Discharge Name:	North San Mateo County Sanitation District
Discharge City:	Daly City
Discharge State:	CA
Discharge Zip:	94015
Status:	Not reported
Status Date:	Not reported
Operator Name:	Not reported
Operator Address:	Not reported
Operator City:	Not reported
Operator State:	Not reported
Operator Zip:	Not reported

NPDES as of 03/2018:

NPDES Number:	CA0037737
Status:	Active
Agency Number:	31673
Region:	2
Regulatory Measure ID:	414390
Order Number:	R2-2017-0026
Regulatory Measure Type:	NPDES Permits
Place ID:	244566
WDID:	2 417021001~/~2 417021002
Program Type:	NPDMUNILRG
Adoption Date Of Regulatory Measure:	07/12/2017
Effective Date Of Regulatory Measure:	09/01/2017
Expiration Date Of Regulatory Measure:	08/31/2022
Termination Date Of Regulatory Measure:	Not reported
Discharge Name:	North San Mateo County Sanitation District
Discharge Address:	333 90th Street
Discharge City:	Daly City
Discharge State:	CA
Discharge Zip:	94015
Received Date:	Not reported
Processed Date:	Not reported
Status:	Not reported
Status Date:	Not reported
Place Size:	Not reported
Place Size Unit:	Not reported
Contact:	Not reported
Contact Title:	Not reported
Contact Phone:	Not reported
Contact Phone Ext:	Not reported
Contact Email:	Not reported
Operator Name:	Not reported
Operator Address:	Not reported

NORTH SAN MATEO COUNTY SANITATION DISTRICT WWTP (Continued) **S101438168**

Operator City:	Not reported
Operator State:	Not reported
Operator Zip:	Not reported
Operator Contact:	Not reported
Operator Contact Title:	Not reported
Operator Contact Phone:	Not reported
Operator Contact Phone Ext:	Not reported
Operator Contact Email:	Not reported
Operator Type:	Not reported
Developer:	Not reported
Developer Address:	Not reported
Developer City:	Not reported
Developer State:	Not reported
Developer Zip:	Not reported
Developer Contact:	Not reported
Developer Contact Title:	Not reported
Constype Linear Utility Ind:	Not reported
Emergency Phone:	Not reported
Emergency Phone Ext:	Not reported
Constype Above Ground Ind:	Not reported
Constype Below Ground Ind:	Not reported
Constype Cable Line Ind:	Not reported
Constype Comm Line Ind:	Not reported
Constype Commertial Ind:	Not reported
Constype Electrical Line Ind:	Not reported
Constype Gas Line Ind:	Not reported
Constype Industrial Ind:	Not reported
Constype Other Description:	Not reported
Constype Other Ind:	Not reported
Constype Recons Ind:	Not reported
Constype Residential Ind:	Not reported
Constype Transport Ind:	Not reported
Constype Utility Description:	Not reported
Constype Utility Ind:	Not reported
Constype Water Sewer Ind:	Not reported
Dir Discharge Uswater Ind:	Not reported
Receiving Water Name:	Not reported
Certifier:	Not reported
Certifier Title:	Not reported
Certification Date:	Not reported
Primary Sic:	Not reported
Secondary Sic:	Not reported
Tertiary Sic:	Not reported

CIWQS:

Name:	NORTH SAN MATEO COUNTY SANITATION DISTRICT WWTP
Address:	153 LAKE MERCED BOULEVARD
City,State,Zip:	DALY CITY, CA 94015
Agency:	North San Mateo County Sanitation District
Agency Address:	333 90th Street, Daly City, CA 94015
Place/Project Type:	Wastewater Treatment Facility
SIC/NAICS:	4952
Region:	2
Program:	NPDMUNILRG
Regulatory Measure Status:	Active
Regulatory Measure Type:	NPDES Permit

NORTH SAN MATEO COUNTY SANITATION DISTRICT WWTP (Continued) **S101438168**

Order Number:	R2-2017-0026
WDID:	2 417021001
NPDES Number:	CA0037737
Adoption Date:	07/12/2017
Effective Date:	09/01/2017
Termination Date:	Not reported
Expiration/Review Date:	08/31/2022
Design Flow:	8
Major/Minor:	Major
Complexity:	A
TTWQ:	2
Enforcement Actions within 5 years:	1
Violations within 5 years:	63
Latitude:	37.70279
Longitude:	-122.48501

CERS:

Name:	DALY CITY WASTEWATER PLANT
Address:	153 LAKE MERCED
City,State,Zip:	DALY CITY, CA 94015
Site ID:	247662
CERS ID:	T0608100181
CERS Description:	Leaking Underground Storage Tank Cleanup Site

Affiliation:

Affiliation Type Desc:	Regional Board Caseworker
Entity Name:	Regional Water Board - SAN FRANCISCO BAY RWQCB (REGION 2)
Entity Title:	Not reported
Affiliation Address:	1515 CLAY ST SUITE 1400
Affiliation City:	OAKLAND
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	Not reported

Affiliation Type Desc:	Local Agency Caseworker
Entity Name:	JACOB MADDEN - SAN MATEO COUNTY LOP
Entity Title:	Not reported
Affiliation Address:	2000 ALAMEDA DE LAS PULGAS, Suite 100
Affiliation City:	SAN MATEO
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	6503995959

M96 **DALY CITY WASTEWATER PLANT** **LUST** **S103472717**
NNW **153 LAKE MERCED** **Cortese** **N/A**
1/4-1/2 **DALY CITY, CA 94015**
0.434 mi.
2294 ft. **Site 2 of 3 in cluster M**

Relative: **Lower**

Actual: **72 ft.**

LUST REG 2:

Region:	2
Facility Id:	Not reported
Facility Status:	Post remedial action monitoring
Case Number:	220029
How Discovered:	OM

DALY CITY WASTEWATER PLANT (Continued) **S103472717**

Leak Cause: Unknown
Leak Source: Unknown
Date Leak Confirmed: Not reported
Oversight Program: LUST
Prelim. Site Assesment Wokplan Submitted: Not reported
Preliminary Site Assesment Began: Not reported
Pollution Characterization Began: Not reported
Pollution Remediation Plan Submitted: Not reported
Date Remediation Action Underway: Not reported
Date Post Remedial Action Monitoring Began: 1/1/1965

CORTESE:
Name: DALY CITY WASTEWATER PLANT
Address: 153 LAKE MERCED
City,State,Zip: DALY CITY, CA 94015
Region: CORTESE
Envirostor Id: Not reported
Global ID: T0608100181
Site/Facility Type: LUST CLEANUP SITE
Cleanup Status: COMPLETED - CASE CLOSED
Status Date: Not reported
Site Code: Not reported
Latitude: Not reported
Longitude: Not reported
Owner: Not reported
Enf Type: Not reported
Swat R: Not reported
Flag: active
Order No: Not reported
Waste Discharge System No: Not reported
Effective Date: Not reported
Region 2: Not reported
WID Id: Not reported
Solid Waste Id No: Not reported
Waste Management Uit Name: Not reported
File Name: Active Open

M97 **DALY CITY FIRE DEPT** **LUST** **S104493617**
NNW **151 LAKE MERCED** **San Mateo Co. BI** **N/A**
1/4-1/2 **DALY CITY, CA 94015** **Cortese**
0.438 mi. **CERS**
2315 ft. **Site 3 of 3 in cluster M**

Relative: **Lower**
Actual: **71 ft.**

SAN MATEO CO. LUST:
Name: DALY CITY FIRE DEPT
Address: 151 LAKE MERCED BLVD
City,State,Zip: DALY CITY, CA
Region: SAN MATEO
Facility ID: 220044
Facility Status: 9- Case Closed
Global ID: T0608192697
APN Number: 002148030
Case Type: DALY CITY, CA
EDR Link ID: DALY CITY, CA

LUST REG 2:
Region: 2

DALY CITY FIRE DEPT (Continued) **S104493617**

Facility Id: Not reported
Facility Status: Case Closed
Case Number: 220044
How Discovered: OM
Leak Cause: Unknown
Leak Source: Unknown
Date Leak Confirmed: Not reported
Oversight Program: LUST
Prelim. Site Assesment Wokplan Submitted: Not reported
Preliminary Site Assesment Began: Not reported
Pollution Characterization Began: Not reported
Pollution Remediation Plan Submitted: Not reported
Date Remediation Action Underway: Not reported
Date Post Remedial Action Monitoring Began: Not reported

LUST:
Name: DALY CITY FIRE DEPT
Address: 151 LAKE MERCED
City,State,Zip: DALY CITY, CA 94015
Lead Agency: SAN MATEO COUNTY LOP
Case Type: LUST Cleanup Site
Geo Track: http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0608192697
Global Id: T0608192697
Latitude: 37.7035747
Longitude: -122.4807019
Status: Completed - Case Closed
Status Date: 09/25/2000
Case Worker: JM
RB Case Number: 41-1180
Local Agency: SAN MATEO COUNTY LOP
File Location: Local Agency
Local Case Number: 220044
Potential Media Affect: Soil
Potential Contaminants of Concern: Not reported
Site History: Not reported

LUST:
Global Id: T0608192697
Contact Type: Local Agency Caseworker
Contact Name: JACOB MADDEN
Organization Name: SAN MATEO COUNTY LOP
Address: 2000 ALAMEDA DE LAS PULGAS, Suite 100
City: SAN MATEO
Email: jmadden@smcgov.org
Phone Number: 6503995959

Global Id: T0608192697
Contact Type: Regional Board Caseworker
Contact Name: Regional Water Board
Organization Name: SAN FRANCISCO BAY RWQCB (REGION 2)
Address: 1515 CLAY ST SUITE 1400
City: OAKLAND
Email: Not reported
Phone Number: Not reported

LUST:
Global Id: T0608192697

DALY CITY FIRE DEPT (Continued) **S104493617**

Action Type: Other
Date: 03/28/1996
Action: Leak Reported

Global Id: T0608192697
Action Type: ENFORCEMENT
Date: 04/09/1996
Action: Notice of Responsibility - #1

LUST:
Global Id: T0608192697
Status: Open - Case Begin Date
Status Date: 03/28/1996

Global Id: T0608192697
Status: Completed - Case Closed
Status Date: 09/25/2000

San Mateo Co. BI:
Name: FIRE STATION #1
Address: 151 LAKE MERCED
City,State,Zip: DALY CITY, CA 94015
Region: SAN MATEO
Facility ID: FA0008658
Prog Element Code: UNDERGROUND TANK - GENERAL
Record Id: PR0022295
Description: UNDERGROUND TANK - GENERAL
Facility Status: Inactive, non-billable
Program Category: UNDERGROUND TANK PROGRAM

Name: FIRE STATION #1
Address: 151 LAKE MERCED
City,State,Zip: DALY CITY, CA 94015
Region: SAN MATEO
Facility ID: FA0008658
Prog Element Code: STORES MV FUELS OR WASTE ONLY
Record Id: PR0023779
Description: STORES MV FUELS OR WASTE ONLY
Facility Status: Inactive, non-billable
Program Category: BUSINESS PLAN PROGRAM

CORTESE:
Name: DALY CITY FIRE DEPT
Address: 151 LAKE MERCED
City,State,Zip: DALY CITY, CA 94015
Region: CORTESE
Envirostor Id: Not reported
Global ID: T0608192697
Site/Facility Type: LUST CLEANUP SITE
Cleanup Status: COMPLETED - CASE CLOSED
Status Date: Not reported
Site Code: Not reported
Latitude: Not reported
Longitude: Not reported
Owner: Not reported

DALY CITY FIRE DEPT (Continued) **S104493617**

Enf Type:	Not reported
Swat R:	Not reported
Flag:	active
Order No:	Not reported
Waste Discharge System No:	Not reported
Effective Date:	Not reported
Region 2:	Not reported
WID Id:	Not reported
Solid Waste Id No:	Not reported
Waste Management Uit Name:	Not reported
File Name:	Active Open

CERS:

Name:	DALY CITY FIRE DEPT
Address:	151 LAKE MERCED
City,State,Zip:	DALY CITY, CA 94015
Site ID:	187237
CERS ID:	T0608192697
CERS Description:	Leaking Underground Storage Tank Cleanup Site

Affiliation:

Affiliation Type Desc:	Regional Board Caseworker
Entity Name:	Regional Water Board - SAN FRANCISCO BAY RWQCB (REGION 2)
Entity Title:	Not reported
Affiliation Address:	1515 CLAY ST SUITE 1400
Affiliation City:	OAKLAND
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	Not reported

Affiliation Type Desc:	Local Agency Caseworker
Entity Name:	JACOB MADDEN - SAN MATEO COUNTY LOP
Entity Title:	Not reported
Affiliation Address:	2000 ALAMEDA DE LAS PULGAS, Suite 100
Affiliation City:	SAN MATEO
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	6503995959

N98 **CITY OF DALY CITY** **LUST** **S111711457**
SE **333 E 87TH ST** **N/A**
1/4-1/2 **DALY CITY, CA**
0.459 mi.
2426 ft. **Site 1 of 2 in cluster N**

Relative:
Higher

Actual:
153 ft.

SAN MATEO CO. LUST:

Name:	CITY OF DALY CITY
Address:	333 E 87TH ST
City,State,Zip:	DALY CITY, CA
Region:	SAN MATEO
Facility ID:	229048
Facility Status:	9- Case Closed
Global ID:	T0608153215
APN Number:	104330020
Case Type:	DALY CITY, CA

CITY OF DALY CITY (Continued) **S111711457**

EDR Link ID: DALY CITY, CA

N99 **CITY OF DALY CITY** **LUST** **S109285815**
SE **0 87TH ST @ EDGEWORTH** **Cortese** **N/A**
1/4-1/2 **DALY CITY, CA 94015** **CERS**
0.484 mi.
2556 ft. **Site 2 of 2 in cluster N**

Relative:
Higher

Actual:
157 ft.

LUST:

Name:	CITY OF DALY CITY
Address:	0 87TH ST @ EDGEWORTH
City,State,Zip:	DALY CITY, CA 94015
Lead Agency:	SAN MATEO COUNTY LOP
Case Type:	LUST Cleanup Site
Geo Track:	http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0608153215
Global Id:	T0608153215
Latitude:	37.692880032499
Longitude:	-122.474691761377
Status:	Completed - Case Closed
Status Date:	06/06/2001
Case Worker:	JM
RB Case Number:	41-1043
Local Agency:	SAN MATEO COUNTY LOP
File Location:	Local Agency
Local Case Number:	229048
Potential Media Affect:	Soil
Potential Contaminants of Concern:	Gasoline
Site History:	Not reported

LUST:

Global Id:	T0608153215
Contact Type:	Local Agency Caseworker
Contact Name:	JACOB MADDEN
Organization Name:	SAN MATEO COUNTY LOP
Address:	2000 ALAMEDA DE LAS PULGAS, Suite 100
City:	SAN MATEO
Email:	jmadden@smcgov.org
Phone Number:	6503995959

Global Id:	T0608153215
Contact Type:	Regional Board Caseworker
Contact Name:	Regional Water Board
Organization Name:	SAN FRANCISCO BAY RWQCB (REGION 2)
Address:	1515 CLAY ST SUITE 1400
City:	OAKLAND
Email:	Not reported
Phone Number:	Not reported

LUST:

Global Id:	T0608153215
Action Type:	Other
Date:	07/28/1997
Action:	Leak Reported

LUST:

Global Id:	T0608153215
Status:	Open - Case Begin Date

CITY OF DALY CITY (Continued) **S109285815**

Status Date: 07/28/1997

Global Id: T0608153215
Status: Completed - Case Closed
Status Date: 06/06/2001

CORTESE:
Name: CITY OF DALY CITY
Address: 0 87TH ST @ EDGEWORTH
City,State,Zip: DALY CITY, CA 94015
Region: CORTESE
Envirostor Id: Not reported
Global ID: T0608153215
Site/Facility Type: LUST CLEANUP SITE
Cleanup Status: COMPLETED - CASE CLOSED
Status Date: Not reported
Site Code: Not reported
Latitude: Not reported
Longitude: Not reported
Owner: Not reported
Enf Type: Not reported
Swat R: Not reported
Flag: active
Order No: Not reported
Waste Discharge System No: Not reported
Effective Date: Not reported
Region 2: Not reported
WID Id: Not reported
Solid Waste Id No: Not reported
Waste Management Uit Name: Not reported
File Name: Active Open

CERS:
Name: CITY OF DALY CITY
Address: 0 87TH ST @ EDGEWORTH
City,State,Zip: DALY CITY, CA 94015
Site ID: 229521
CERS ID: T0608153215
CERS Description: Leaking Underground Storage Tank Cleanup Site

Affiliation:
Affiliation Type Desc: Local Agency Caseworker
Entity Name: JACOB MADDEN - SAN MATEO COUNTY LOP
Entity Title: Not reported
Affiliation Address: 2000 ALAMEDA DE LAS PULGAS, Suite 100
Affiliation City: SAN MATEO
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: 6503995959

Affiliation Type Desc: Regional Board Caseworker
Entity Name: Regional Water Board - SAN FRANCISCO BAY RWQCB (REGION 2)
Entity Title: Not reported
Affiliation Address: 1515 CLAY ST SUITE 1400
Affiliation City: OAKLAND

CITY OF DALY CITY (Continued) **S109285815**

Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: Not reported

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100 **20011 JUNIPERO SERRA BLVD.** **Notify 65** **S100178900**
ENE **2001 JUNIPERO SERRA BLVD.** **N/A**
1/2-1 **DALY CITY, CA 92210**
0.661 mi.
3489 ft.

Relative: **Higher**

Actual: **220 ft.**

NOTIFY 65:

Name:	20011 JUNIPERO SERRA BLVD.
Address:	2001 JUNIPERO SERRA BLVD.
City,State,Zip:	DALY CITY, CA 92210
Date Reported:	Not reported
Staff Initials:	Not reported
Board File Number:	Not reported
Facility Type:	Not reported
Discharge Date:	Not reported
Issue Date:	Not reported
Incident Description:	Not reported
Global ID:	Not reported
Status:	Not reported

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101 **THORNTON BEACH** **ENVIROSTOR** **S107737445**
WSW **N/A**
1/2-1 **DALY CITY, CA**
0.747 mi.
3942 ft.

Relative: **Higher**

Actual: **302 ft.**

ENVIROSTOR:

Name:	THORNTON BEACH
Address:	Not reported
City,State,Zip:	DALY CITY, CA
Facility ID:	80000768
Status:	No Further Action
Status Date:	02/22/2013
Site Code:	Not reported
Site Type:	Military Evaluation
Site Type Detailed:	FUDS
Acres:	14
NPL:	NO
Regulatory Agencies:	SMBRP
Lead Agency:	SMBRP
Program Manager:	Not reported
Supervisor:	Carrie Tatoian-Cain
Division Branch:	Cleanup Sacramento
Assembly:	19
Senate:	11
Special Program:	Not reported
Restricted Use:	NO
Site Mgmt Req:	NONE SPECIFIED
Funding:	DERA
Latitude:	37.69388

THORNTON BEACH (Continued) **S107737445**

Longitude: -122.4958
APN: NONE SPECIFIED
Past Use: NONE SPECIFIED
Potential COC: NONE SPECIFIED
Confirmed COC: NONE SPECIFIED
Potential Description: NONE SPECIFIED
Alias Name: CA99799F587500
Alias Type: Federal Facility ID
Alias Name: J09CA0966
Alias Type: INPR
Alias Name: 80000768
Alias Type: Envirostor ID Number

Completed Info:
Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Records Research Report (RRR)
Completed Date: 11/29/2005
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: No Department of Defense Action Indicated (NDAI)
Completed Date: 10/08/2012
Comments: This determination is based on information in DTSC s and the Water Boards possession at this time concerning Department of Defense (DoD) activities on the sites listed above. DTSC and the Water Boards reserve the right to address any appropriate environmental or human health related issue, should additional information concerning the environmental condition of these sites become available in the future.
Not reported

Future Area Name: Not reported
Future Sub Area Name: Not reported
Future Document Type: Not reported
Future Due Date: Not reported
Schedule Area Name: Not reported
Schedule Sub Area Name: Not reported
Schedule Document Type: Not reported
Schedule Due Date: Not reported
Schedule Revised Date: Not reported

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102 SE 1/2-1 0.842 mi. 4444 ft. **ARCO SERVICE STATION #2090** **Notify 65** **S100179777**
295 WASHINGTON STREET **N/A**
COLMA, CA 94014

Relative: Higher
Actual: 186 ft.

NOTIFY 65:
Name: ARCO SERVICE STATION #2090
Address: 295 WASHINGTON STREET
City,State,Zip: COLMA, CA 94014
Date Reported: Not reported
Staff Initials: Not reported
Board File Number: Not reported
Facility Type: Not reported
Discharge Date: Not reported
Issue Date: Not reported

ARCO SERVICE STATION #2090 (Continued) **S100179777**

Incident Description: Not reported
Global ID: Not reported
Status: Not reported

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103 **THORNTON BEACH MILITARY RESERVATION** **FUDS** **1007211943**
West **N/A**
1/2-1 **DALY CITY, CA**
0.859 mi.
4538 ft.

Relative: **Lower**

Actual: **46 ft.**

FUDS:

EPA Region:	09
Installation ID:	CA99799F587500
Congressional District Number:	14
Facility Name:	THORNTON BEACH MILITARY RESERVATION
FUDS Number:	J09CA0966
City:	DALY CITY
State:	CA
County:	SAN MATEO
Object ID:	7658
USACE District:	Sacramento District (SPK)
Status:	Properties with all projects at site closeout
Current Owner:	State Government
EMS Map Link:	https://fudsportal.usace.army.mil/ems/ems/inventory/map/map?id=61293
Eligibility:	Eligible
Has Projects:	Yes
NPL Status:	Not Listed
Latitude:	37.698399000000002
Longitude:	-122.498001

FUDS Detail as of Jan 2015:

Fiscal Year:	2013
Federal Facility ID:	CA9799F5875
RAB:	Not reported
NPL Status:	Not Listed
Description:	The 14.5-acre site is located 6 miles southwest of San Francisco in San Mateo County, California. The entire site has been closed to public use and the area is completely fenced. Multiple holes have been cut through the fence and the site is extensively used by the public.
History:	In 1942, the U.S. government acquired 14.5 acres of land for the harbor defense of San Francisco and as a maneuver area. The only documented improvement was a communication cable used for military purposes. In 1943, the lease was terminated. The land was used by the State of California in the 1950s and 1960s until the area was rendered unusable by landslides. No potential hazards related to Department of Defense activities have been located at this site.
CTC:	221
Current Program:	Not reported
Future Program:	Not reported
Institutional ID:	61293

104
WNW
1/2-1
0.963 mi.
5083 ft.

SF NIKE BATTERY 59
SAN FRANCISCO, CA

ENVIROSTOR **S107737319**
N/A

Relative:
Lower

Actual:
100 ft.

ENVIROSTOR:

Name:	SF NIKE BATTERY 59
Address:	Not reported
City,State,Zip:	SAN FRANCISCO, CA
Facility ID:	80000677
Status:	No Further Action
Status Date:	07/16/2012
Site Code:	Not reported
Site Type:	Military Evaluation
Site Type Detailed:	FUDS
Acres:	72
NPL:	NO
Regulatory Agencies:	SMBRP
Lead Agency:	SMBRP
Program Manager:	Carrie Tatoian-Cain
Supervisor:	Dan Ward
Division Branch:	Cleanup Sacramento
Assembly:	19
Senate:	11
Special Program:	Not reported
Restricted Use:	NO
Site Mgmt Req:	NONE SPECIFIED
Funding:	DERA
Latitude:	37.70250
Longitude:	-122.4994
APN:	NONE SPECIFIED
Past Use:	NONE SPECIFIED
Potential COC:	Explosives (UXO, MEC
Confirmed COC:	NONE SPECIFIED
Potential Description:	NONE SPECIFIED
Alias Name:	Fort Funston Nike Battery SF-59-L
Alias Type:	Alternate Name
Alias Name:	CA99799F585600
Alias Type:	Federal Facility ID
Alias Name:	J09CA0941
Alias Type:	INPR
Alias Name:	80000677
Alias Type:	Envirostor ID Number

Completed Info:

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Records Research Report (RRR)
Completed Date:	03/19/2012
Comments:	Not reported
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Site Characterization Report
Completed Date:	03/19/2012
Comments:	Not reported
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported

SF NIKE BATTERY 59 (Continued) **S107737319**

Completed Document Type:	No Department of Defense Action Indicated (NDAI)
Completed Date:	03/19/2012
Comments:	No further action based on the information provided in NDAI. If future information indicates a release by the Department of Defense the Department will investigate the property again.
Future Area Name:	Not reported
Future Sub Area Name:	Not reported
Future Document Type:	Not reported
Future Due Date:	Not reported
Schedule Area Name:	Not reported
Schedule Sub Area Name:	Not reported
Schedule Document Type:	Not reported
Schedule Due Date:	Not reported
Schedule Revised Date:	Not reported

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105 SW 1/2-1 0.971 mi. 5126 ft. **MUSSEL ROCK (J09CA0881)** **ENVIROSTOR** **S107736797 N/A**

DALY CITY, CA

Relative: Higher

Actual: 562 ft.

ENVIROSTOR:

Name:	MUSSEL ROCK (J09CA0881)
Address:	Not reported
City,State,Zip:	DALY CITY, CA
Facility ID:	80000592
Status:	No Further Action
Status Date:	02/03/2012
Site Code:	201701
Site Type:	Military Evaluation
Site Type Detailed:	FUDS
Acres:	6
NPL:	NO
Regulatory Agencies:	SMBRP
Lead Agency:	SMBRP
Program Manager:	Not reported
Supervisor:	Carrie Tatoian-Cain
Division Branch:	Cleanup Sacramento
Assembly:	19
Senate:	11
Special Program:	Not reported
Restricted Use:	NO
Site Mgmt Req:	NONE SPECIFIED
Funding:	DERA
Latitude:	37.68583
Longitude:	-122.4936
APN:	NONE SPECIFIED
Past Use:	NONE SPECIFIED
Potential COC:	NONE SPECIFIED
Confirmed COC:	NONE SPECIFIED
Potential Description:	NONE SPECIFIED
Alias Name:	CA99799F580700
Alias Type:	Federal Facility ID
Alias Name:	J09CA0881
Alias Type:	INPR
Alias Name:	201701
Alias Type:	Project Code (Site Code)

MUSSEL ROCK (J09CA0881) (Continued) **S107736797**

Alias Name: 80000592
Alias Type: Envirostor ID Number

Completed Info:
Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: No Department of Defense Action Indicated (NDAI)
Completed Date: 01/23/2012
Comments: No further action based on the information provided in NDAI. If future information indicates a release by the Department of Defense the Department will investigate the property again.

Future Area Name: Not reported
Future Sub Area Name: Not reported
Future Document Type: Not reported
Future Due Date: Not reported
Schedule Area Name: Not reported
Schedule Sub Area Name: Not reported
Schedule Document Type: Not reported
Schedule Due Date: Not reported
Schedule Revised Date: Not reported

Count: 0 records.

ORPHAN SUMMARY

City	EDR ID	Site Name	Site Address	Zip	Database(s)
		NO SITES FOUND			

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

To maintain currency of the following federal and state databases, EDR contacts the appropriate governmental agency on a monthly or quarterly basis, as required.

Number of Days to Update: Provides confirmation that EDR is reporting records that have been updated within 90 days from the date the government agency made the information available to the public.

STANDARD ENVIRONMENTAL RECORDS

Federal NPL site list

NPL: National Priority List

National Priorities List (Superfund). The NPL is a subset of CERCLIS and identifies over 1,200 sites for priority cleanup under the Superfund Program. NPL sites may encompass relatively large areas. As such, EDR provides polygon coverage for over 1,000 NPL site boundaries produced by EPA's Environmental Photographic Interpretation Center (EPIC) and regional EPA offices.

Date of Government Version: 10/28/2020
Date Data Arrived at EDR: 11/05/2020
Date Made Active in Reports: 11/25/2020
Number of Days to Update: 20

Source: EPA
Telephone: N/A
Last EDR Contact: 01/14/2021
Next Scheduled EDR Contact: 04/12/2021
Data Release Frequency: Quarterly

NPL Site Boundaries

Sources:

EPA's Environmental Photographic Interpretation Center (EPIC)
Telephone: 202-564-7333

EPA Region 1
Telephone 617-918-1143

EPA Region 3
Telephone 215-814-5418

EPA Region 4
Telephone 404-562-8033

EPA Region 5
Telephone 312-886-6686

EPA Region 10
Telephone 206-553-8665

EPA Region 6
Telephone: 214-655-6659

EPA Region 7
Telephone: 913-551-7247

EPA Region 8
Telephone: 303-312-6774

EPA Region 9
Telephone: 415-947-4246

Proposed NPL: Proposed National Priority List Sites

A site that has been proposed for listing on the National Priorities List through the issuance of a proposed rule in the Federal Register. EPA then accepts public comments on the site, responds to the comments, and places on the NPL those sites that continue to meet the requirements for listing.

Date of Government Version: 10/28/2020
Date Data Arrived at EDR: 11/05/2020
Date Made Active in Reports: 11/25/2020
Number of Days to Update: 20

Source: EPA
Telephone: N/A
Last EDR Contact: 01/14/2021
Next Scheduled EDR Contact: 04/12/2021
Data Release Frequency: Quarterly

NPL LIENS: Federal Superfund Liens

Federal Superfund Liens. Under the authority granted the USEPA by CERCLA of 1980, the USEPA has the authority to file liens against real property in order to recover remedial action expenditures or when the property owner received notification of potential liability. USEPA compiles a listing of filed notices of Superfund Liens.

Date of Government Version: 10/15/1991
Date Data Arrived at EDR: 02/02/1994
Date Made Active in Reports: 03/30/1994
Number of Days to Update: 56

Source: EPA
Telephone: 202-564-4267
Last EDR Contact: 08/15/2011
Next Scheduled EDR Contact: 11/28/2011
Data Release Frequency: No Update Planned

Federal Delisted NPL site list

Delisted NPL: National Priority List Deletions

The National Oil and Hazardous Substances Pollution Contingency Plan (NCP) establishes the criteria that the EPA uses to delete sites from the NPL. In accordance with 40 CFR 300.425.(e), sites may be deleted from the NPL where no further response is appropriate.

Date of Government Version: 10/28/2020
Date Data Arrived at EDR: 11/05/2020
Date Made Active in Reports: 11/25/2020
Number of Days to Update: 20

Source: EPA
Telephone: N/A
Last EDR Contact: 01/14/2021
Next Scheduled EDR Contact: 04/12/2021
Data Release Frequency: Quarterly

Federal CERCLIS list

FEDERAL FACILITY: Federal Facility Site Information listing

A listing of National Priority List (NPL) and Base Realignment and Closure (BRAC) sites found in the Comprehensive Environmental Response, Compensation and Liability Information System (CERCLIS) Database where EPA Federal Facilities Restoration and Reuse Office is involved in cleanup activities.

Date of Government Version: 04/03/2019
Date Data Arrived at EDR: 04/05/2019
Date Made Active in Reports: 05/14/2019
Number of Days to Update: 39

Source: Environmental Protection Agency
Telephone: 703-603-8704
Last EDR Contact: 12/23/2020
Next Scheduled EDR Contact: 04/12/2021
Data Release Frequency: Varies

SEMS: Superfund Enterprise Management System

SEMS (Superfund Enterprise Management System) tracks hazardous waste sites, potentially hazardous waste sites, and remedial activities performed in support of EPA's Superfund Program across the United States. The list was formerly know as CERCLIS, renamed to SEMS by the EPA in 2015. The list contains data on potentially hazardous waste sites that have been reported to the USEPA by states, municipalities, private companies and private persons, pursuant to Section 103 of the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA). This dataset also contains sites which are either proposed to or on the National Priorities List (NPL) and the sites which are in the screening and assessment phase for possible inclusion on the NPL.

Date of Government Version: 10/28/2020
Date Data Arrived at EDR: 11/05/2020
Date Made Active in Reports: 11/25/2020
Number of Days to Update: 20

Source: EPA
Telephone: 800-424-9346
Last EDR Contact: 01/14/2021
Next Scheduled EDR Contact: 04/26/2021
Data Release Frequency: Quarterly

Federal CERCLIS NFRAP site list

SEMS-ARCHIVE: Superfund Enterprise Management System Archive

SEMS-ARCHIVE (Superfund Enterprise Management System Archive) tracks sites that have no further interest under the Federal Superfund Program based on available information. The list was formerly known as the CERCLIS-NFRAP, renamed to SEMS ARCHIVE by the EPA in 2015. EPA may perform a minimal level of assessment work at a site while it is archived if site conditions change and/or new information becomes available. Archived sites have been removed and archived from the inventory of SEMS sites. Archived status indicates that, to the best of EPA's knowledge, assessment at a site has been completed and that EPA has determined no further steps will be taken to list the site on the National Priorities List (NPL), unless information indicates this decision was not appropriate or other considerations require a recommendation for listing at a later time. The decision does not necessarily mean that there is no hazard associated with a given site; it only means that. based upon available information, the location is not judged to be potential NPL site.

Date of Government Version: 10/28/2020
Date Data Arrived at EDR: 11/05/2020
Date Made Active in Reports: 11/25/2020
Number of Days to Update: 20

Source: EPA
Telephone: 800-424-9346
Last EDR Contact: 01/14/2021
Next Scheduled EDR Contact: 04/26/2021
Data Release Frequency: Quarterly

Federal RCRA CORRACTS facilities list

CORRACTS: Corrective Action Report

CORRACTS identifies hazardous waste handlers with RCRA corrective action activity.

Date of Government Version: 12/14/2020
Date Data Arrived at EDR: 12/17/2020
Date Made Active in Reports: 12/22/2020
Number of Days to Update: 5

Source: EPA
Telephone: 800-424-9346
Last EDR Contact: 12/17/2020
Next Scheduled EDR Contact: 04/05/2021
Data Release Frequency: Quarterly

Federal RCRA non-CORRACTS TSD facilities list

RCRA-TSDF: RCRA - Treatment, Storage and Disposal

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Transporters are individuals or entities that move hazardous waste from the generator offsite to a facility that can recycle, treat, store, or dispose of the waste. TSDFs treat, store, or dispose of the waste.

Date of Government Version: 12/14/2020
Date Data Arrived at EDR: 12/17/2020
Date Made Active in Reports: 12/22/2020
Number of Days to Update: 5

Source: Environmental Protection Agency
Telephone: (415) 495-8895
Last EDR Contact: 12/17/2020
Next Scheduled EDR Contact: 04/05/2021
Data Release Frequency: Quarterly

Federal RCRA generators list

RCRA-LQG: RCRA - Large Quantity Generators

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Large quantity generators (LQGs) generate over 1,000 kilograms (kg) of hazardous waste, or over 1 kg of acutely hazardous waste per month.

Date of Government Version: 12/14/2020
Date Data Arrived at EDR: 12/17/2020
Date Made Active in Reports: 12/22/2020
Number of Days to Update: 5

Source: Environmental Protection Agency
Telephone: (415) 495-8895
Last EDR Contact: 12/17/2020
Next Scheduled EDR Contact: 04/05/2021
Data Release Frequency: Quarterly

RCRA-SQG: RCRA - Small Quantity Generators

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Small quantity generators (SQGs) generate between 100 kg and 1,000 kg of hazardous waste per month.

Date of Government Version: 12/14/2020
Date Data Arrived at EDR: 12/17/2020
Date Made Active in Reports: 12/22/2020
Number of Days to Update: 5

Source: Environmental Protection Agency
Telephone: (415) 495-8895
Last EDR Contact: 12/17/2020
Next Scheduled EDR Contact: 04/05/2021
Data Release Frequency: Quarterly

RCRA-VSQG: RCRA - Very Small Quantity Generators (Formerly Conditionally Exempt Small Quantity Generators)

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Very small quantity generators (VSQGs) generate less than 100 kg of hazardous waste, or less than 1 kg of acutely hazardous waste per month.

Date of Government Version: 12/14/2020
Date Data Arrived at EDR: 12/17/2020
Date Made Active in Reports: 12/22/2020
Number of Days to Update: 5

Source: Environmental Protection Agency
Telephone: (415) 495-8895
Last EDR Contact: 12/17/2020
Next Scheduled EDR Contact: 04/05/2021
Data Release Frequency: Quarterly

Federal institutional controls / engineering controls registries

LUCIS: Land Use Control Information System

LUCIS contains records of land use control information pertaining to the former Navy Base Realignment and Closure properties.

Date of Government Version: 08/06/2020
Date Data Arrived at EDR: 08/21/2020
Date Made Active in Reports: 11/11/2020
Number of Days to Update: 82

Source: Department of the Navy
Telephone: 843-820-7326
Last EDR Contact: 11/05/2020
Next Scheduled EDR Contact: 02/22/2021
Data Release Frequency: Varies

US ENG CONTROLS: Engineering Controls Sites List

A listing of sites with engineering controls in place. Engineering controls include various forms of caps, building foundations, liners, and treatment methods to create pathway elimination for regulated substances to enter environmental media or effect human health.

Date of Government Version: 10/28/2020
Date Data Arrived at EDR: 11/05/2020
Date Made Active in Reports: 11/18/2020
Number of Days to Update: 13

Source: Environmental Protection Agency
Telephone: 703-603-0695
Last EDR Contact: 11/05/2020
Next Scheduled EDR Contact: 03/08/2021
Data Release Frequency: Varies

US INST CONTROLS: Institutional Controls Sites List

A listing of sites with institutional controls in place. Institutional controls include administrative measures, such as groundwater use restrictions, construction restrictions, property use restrictions, and post remediation care requirements intended to prevent exposure to contaminants remaining on site. Deed restrictions are generally required as part of the institutional controls.

Date of Government Version: 10/28/2020
Date Data Arrived at EDR: 11/05/2020
Date Made Active in Reports: 11/18/2020
Number of Days to Update: 13

Source: Environmental Protection Agency
Telephone: 703-603-0695
Last EDR Contact: 11/05/2020
Next Scheduled EDR Contact: 03/08/2021
Data Release Frequency: Varies

Federal ERNS list

ERNS: Emergency Response Notification System

Emergency Response Notification System. ERNS records and stores information on reported releases of oil and hazardous substances.

Date of Government Version: 12/14/2020
Date Data Arrived at EDR: 12/15/2020
Date Made Active in Reports: 12/22/2020
Number of Days to Update: 7

Source: National Response Center, United States Coast Guard
Telephone: 202-267-2180
Last EDR Contact: 12/15/2020
Next Scheduled EDR Contact: 04/05/2021
Data Release Frequency: Quarterly

State- and tribal - equivalent NPL

RESPONSE: State Response Sites

Identifies confirmed release sites where DTSC is involved in remediation, either in a lead or oversight capacity. These confirmed release sites are generally high-priority and high potential risk.

Date of Government Version: 10/26/2020
Date Data Arrived at EDR: 10/26/2020
Date Made Active in Reports: 01/13/2021
Number of Days to Update: 79

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 10/26/2020
Next Scheduled EDR Contact: 02/08/2021
Data Release Frequency: Quarterly

State- and tribal - equivalent CERCLIS

ENVIROSTOR: EnviroStor Database

The Department of Toxic Substances Control's (DTSC's) Site Mitigation and Brownfields Reuse Program's (SMBRP's) EnviroStor database identifes sites that have known contamination or sites for which there may be reasons to investigate further. The database includes the following site types: Federal Superfund sites (National Priorities List (NPL)); State Response, including Military Facilities and State Superfund; Voluntary Cleanup; and School sites. EnviroStor provides similar information to the information that was available in CalSites, and provides additional site information, including, but not limited to, identification of formerly-contaminated properties that have been released for reuse, properties where environmental deed restrictions have been recorded to prevent inappropriate land uses, and risk characterization information that is used to assess potential impacts to public health and the environment at contaminated sites.

Date of Government Version: 10/26/2020
Date Data Arrived at EDR: 10/26/2020
Date Made Active in Reports: 01/13/2021
Number of Days to Update: 79

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 10/26/2020
Next Scheduled EDR Contact: 02/08/2021
Data Release Frequency: Quarterly

State and tribal landfill and/or solid waste disposal site lists

SWF/LF (SWIS): Solid Waste Information System

Active, Closed and Inactive Landfills. SWF/LF records typically contain an inve ntory of solid waste disposal facilities or landfills. These may be active or i nactive facilities or open dumps that failed to meet RCRA Section 4004 criteria for solid waste landfills or disposal sites.

Date of Government Version: 11/09/2020
Date Data Arrived at EDR: 11/10/2020
Date Made Active in Reports: 01/14/2021
Number of Days to Update: 65

Source: Department of Resources Recycling and Recovery
Telephone: 916-341-6320
Last EDR Contact: 11/10/2020
Next Scheduled EDR Contact: 02/22/2021
Data Release Frequency: Quarterly

State and tribal leaking storage tank lists

LUST REG 9: Leaking Underground Storage Tank Report
Orange, Riverside, San Diego counties. For more current information, please refer to the State Water Resources Control Board's LUST database.

Date of Government Version: 03/01/2001
Date Data Arrived at EDR: 04/23/2001
Date Made Active in Reports: 05/21/2001
Number of Days to Update: 28

Source: California Regional Water Quality Control Board San Diego Region (9)
Telephone: 858-637-5595
Last EDR Contact: 09/26/2011
Next Scheduled EDR Contact: 01/09/2012
Data Release Frequency: No Update Planned

LUST REG 3: Leaking Underground Storage Tank Database
Leaking Underground Storage Tank locations. Monterey, San Benito, San Luis Obispo, Santa Barbara, Santa Cruz counties.

Date of Government Version: 05/19/2003
Date Data Arrived at EDR: 05/19/2003
Date Made Active in Reports: 06/02/2003
Number of Days to Update: 14

Source: California Regional Water Quality Control Board Central Coast Region (3)
Telephone: 805-542-4786
Last EDR Contact: 07/18/2011
Next Scheduled EDR Contact: 10/31/2011
Data Release Frequency: No Update Planned

LUST REG 6V: Leaking Underground Storage Tank Case Listing
Leaking Underground Storage Tank locations. Inyo, Kern, Los Angeles, Mono, San Bernardino counties.

Date of Government Version: 06/07/2005
Date Data Arrived at EDR: 06/07/2005
Date Made Active in Reports: 06/29/2005
Number of Days to Update: 22

Source: California Regional Water Quality Control Board Victorville Branch Office (6)
Telephone: 760-241-7365
Last EDR Contact: 09/12/2011
Next Scheduled EDR Contact: 12/26/2011
Data Release Frequency: No Update Planned

LUST REG 1: Active Toxic Site Investigation
Del Norte, Humboldt, Lake, Mendocino, Modoc, Siskiyou, Sonoma, Trinity counties. For more current information, please refer to the State Water Resources Control Board's LUST database.

Date of Government Version: 02/01/2001
Date Data Arrived at EDR: 02/28/2001
Date Made Active in Reports: 03/29/2001
Number of Days to Update: 29

Source: California Regional Water Quality Control Board North Coast (1)
Telephone: 707-570-3769
Last EDR Contact: 08/01/2011
Next Scheduled EDR Contact: 11/14/2011
Data Release Frequency: No Update Planned

LUST REG 2: Fuel Leak List
Leaking Underground Storage Tank locations. Alameda, Contra Costa, Marin, Napa, San Francisco, San Mateo, Santa Clara, Solano, Sonoma counties.

Date of Government Version: 09/30/2004
Date Data Arrived at EDR: 10/20/2004
Date Made Active in Reports: 11/19/2004
Number of Days to Update: 30

Source: California Regional Water Quality Control Board San Francisco Bay Region (2)
Telephone: 510-622-2433
Last EDR Contact: 09/19/2011
Next Scheduled EDR Contact: 01/02/2012
Data Release Frequency: No Update Planned

LUST REG 8: Leaking Underground Storage Tanks
California Regional Water Quality Control Board Santa Ana Region (8). For more current information, please refer to the State Water Resources Control Board's LUST database.

Date of Government Version: 02/14/2005
Date Data Arrived at EDR: 02/15/2005
Date Made Active in Reports: 03/28/2005
Number of Days to Update: 41

Source: California Regional Water Quality Control Board Santa Ana Region (8)
Telephone: 909-782-4496
Last EDR Contact: 08/15/2011
Next Scheduled EDR Contact: 11/28/2011
Data Release Frequency: No Update Planned

LUST: Leaking Underground Fuel Tank Report (GEOTRACKER)
Leaking Underground Storage Tank (LUST) Sites included in GeoTracker. GeoTracker is the Water Boards data management system for sites that impact, or have the potential to impact, water quality in California, with emphasis on groundwater.

Date of Government Version: 09/08/2020
Date Data Arrived at EDR: 09/08/2020
Date Made Active in Reports: 11/30/2020
Number of Days to Update: 83

Source: State Water Resources Control Board
Telephone: see region list
Last EDR Contact: 12/04/2020
Next Scheduled EDR Contact: 03/22/2021
Data Release Frequency: Quarterly

LUST REG 4: Underground Storage Tank Leak List

Los Angeles, Ventura counties. For more current information, please refer to the State Water Resources Control Board's LUST database.

Date of Government Version: 09/07/2004
Date Data Arrived at EDR: 09/07/2004
Date Made Active in Reports: 10/12/2004
Number of Days to Update: 35

Source: California Regional Water Quality Control Board Los Angeles Region (4)
Telephone: 213-576-6710
Last EDR Contact: 09/06/2011
Next Scheduled EDR Contact: 12/19/2011
Data Release Frequency: No Update Planned

LUST REG 5: Leaking Underground Storage Tank Database

Leaking Underground Storage Tank locations. Alameda, Alpine, Amador, Butte, Colusa, Contra Costa, Calveras, El Dorado, Fresno, Glenn, Kern, Kings, Lake, Lassen, Madera, Mariposa, Merced, Modoc, Napa, Nevada, Placer, Plumas, Sacramento, San Joaquin, Shasta, Solano, Stanislaus, Sutter, Tehama, Tulare, Tuolumne, Yolo, Yuba counties.

Date of Government Version: 07/01/2008
Date Data Arrived at EDR: 07/22/2008
Date Made Active in Reports: 07/31/2008
Number of Days to Update: 9

Source: California Regional Water Quality Control Board Central Valley Region (5)
Telephone: 916-464-4834
Last EDR Contact: 07/01/2011
Next Scheduled EDR Contact: 10/17/2011
Data Release Frequency: No Update Planned

LUST REG 7: Leaking Underground Storage Tank Case Listing

Leaking Underground Storage Tank locations. Imperial, Riverside, San Diego, Santa Barbara counties.

Date of Government Version: 02/26/2004
Date Data Arrived at EDR: 02/26/2004
Date Made Active in Reports: 03/24/2004
Number of Days to Update: 27

Source: California Regional Water Quality Control Board Colorado River Basin Region (7)
Telephone: 760-776-8943
Last EDR Contact: 08/01/2011
Next Scheduled EDR Contact: 11/14/2011
Data Release Frequency: No Update Planned

LUST REG 6L: Leaking Underground Storage Tank Case Listing

For more current information, please refer to the State Water Resources Control Board's LUST database.

Date of Government Version: 09/09/2003
Date Data Arrived at EDR: 09/10/2003
Date Made Active in Reports: 10/07/2003
Number of Days to Update: 27

Source: California Regional Water Quality Control Board Lahontan Region (6)
Telephone: 530-542-5572
Last EDR Contact: 09/12/2011
Next Scheduled EDR Contact: 12/26/2011
Data Release Frequency: No Update Planned

INDIAN LUST R10: Leaking Underground Storage Tanks on Indian Land

LUSTs on Indian land in Alaska, Idaho, Oregon and Washington.

Date of Government Version: 04/14/2020
Date Data Arrived at EDR: 05/20/2020
Date Made Active in Reports: 08/12/2020
Number of Days to Update: 84

Source: EPA Region 10
Telephone: 206-553-2857
Last EDR Contact: 12/16/2020
Next Scheduled EDR Contact: 02/01/2021
Data Release Frequency: Varies

INDIAN LUST R1: Leaking Underground Storage Tanks on Indian Land

A listing of leaking underground storage tank locations on Indian Land.

Date of Government Version: 04/29/2020
Date Data Arrived at EDR: 05/20/2020
Date Made Active in Reports: 08/12/2020
Number of Days to Update: 84

Source: EPA Region 1
Telephone: 617-918-1313
Last EDR Contact: 12/16/2020
Next Scheduled EDR Contact: 02/01/2021
Data Release Frequency: Varies

INDIAN LUST R5: Leaking Underground Storage Tanks on Indian Land
Leaking underground storage tanks located on Indian Land in Michigan, Minnesota and Wisconsin.

Date of Government Version: 04/14/2020
Date Data Arrived at EDR: 05/20/2020
Date Made Active in Reports: 08/12/2020
Number of Days to Update: 84
Source: EPA, Region 5
Telephone: 312-886-7439
Last EDR Contact: 12/16/2020
Next Scheduled EDR Contact: 02/01/2021
Data Release Frequency: Varies

INDIAN LUST R4: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Florida, Mississippi and North Carolina.

Date of Government Version: 04/14/2020
Date Data Arrived at EDR: 05/26/2020
Date Made Active in Reports: 08/12/2020
Number of Days to Update: 78
Source: EPA Region 4
Telephone: 404-562-8677
Last EDR Contact: 12/16/2020
Next Scheduled EDR Contact: 02/01/2021
Data Release Frequency: Varies

INDIAN LUST R9: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Arizona, California, New Mexico and Nevada

Date of Government Version: 04/08/2020
Date Data Arrived at EDR: 05/20/2020
Date Made Active in Reports: 08/12/2020
Number of Days to Update: 84
Source: Environmental Protection Agency
Telephone: 415-972-3372
Last EDR Contact: 12/16/2020
Next Scheduled EDR Contact: 02/01/2021
Data Release Frequency: Varies

INDIAN LUST R8: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Colorado, Montana, North Dakota, South Dakota, Utah and Wyoming.

Date of Government Version: 04/14/2020
Date Data Arrived at EDR: 05/20/2020
Date Made Active in Reports: 08/12/2020
Number of Days to Update: 84
Source: EPA Region 8
Telephone: 303-312-6271
Last EDR Contact: 12/16/2020
Next Scheduled EDR Contact: 02/01/2021
Data Release Frequency: Varies

INDIAN LUST R7: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Iowa, Kansas, and Nebraska

Date of Government Version: 04/15/2020
Date Data Arrived at EDR: 05/20/2020
Date Made Active in Reports: 08/12/2020
Number of Days to Update: 84
Source: EPA Region 7
Telephone: 913-551-7003
Last EDR Contact: 12/16/2020
Next Scheduled EDR Contact: 02/01/2021
Data Release Frequency: Varies

INDIAN LUST R6: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in New Mexico and Oklahoma.

Date of Government Version: 04/08/2020
Date Data Arrived at EDR: 05/20/2020
Date Made Active in Reports: 08/12/2020
Number of Days to Update: 84
Source: EPA Region 6
Telephone: 214-665-6597
Last EDR Contact: 12/16/2020
Next Scheduled EDR Contact: 02/01/2021
Data Release Frequency: Varies

CPS-SLIC: Statewide SLIC Cases (GEOTRACKER)
Cleanup Program Sites (CPS; also known as Site Cleanups [SC] and formerly known as Spills, Leaks, Investigations, and Cleanups [SLIC] sites) included in GeoTracker. GeoTracker is the Water Boards data management system for sites that impact, or have the potential to impact, water quality in California, with emphasis on groundwater.

Date of Government Version: 09/08/2020
Date Data Arrived at EDR: 09/08/2020
Date Made Active in Reports: 11/30/2020
Number of Days to Update: 83
Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 12/04/2020
Next Scheduled EDR Contact: 03/22/2021
Data Release Frequency: Varies

SLIC REG 1: Active Toxic Site Investigations

The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 04/03/2003
Date Data Arrived at EDR: 04/07/2003
Date Made Active in Reports: 04/25/2003
Number of Days to Update: 18

Source: California Regional Water Quality Control Board, North Coast Region (1)
Telephone: 707-576-2220
Last EDR Contact: 08/01/2011
Next Scheduled EDR Contact: 11/14/2011
Data Release Frequency: No Update Planned

SLIC REG 2: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing

The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 09/30/2004
Date Data Arrived at EDR: 10/20/2004
Date Made Active in Reports: 11/19/2004
Number of Days to Update: 30

Source: Regional Water Quality Control Board San Francisco Bay Region (2)
Telephone: 510-286-0457
Last EDR Contact: 09/19/2011
Next Scheduled EDR Contact: 01/02/2012
Data Release Frequency: No Update Planned

SLIC REG 3: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing

The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 05/18/2006
Date Data Arrived at EDR: 05/18/2006
Date Made Active in Reports: 06/15/2006
Number of Days to Update: 28

Source: California Regional Water Quality Control Board Central Coast Region (3)
Telephone: 805-549-3147
Last EDR Contact: 07/18/2011
Next Scheduled EDR Contact: 10/31/2011
Data Release Frequency: No Update Planned

SLIC REG 4: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing

The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 11/17/2004
Date Data Arrived at EDR: 11/18/2004
Date Made Active in Reports: 01/04/2005
Number of Days to Update: 47

Source: Region Water Quality Control Board Los Angeles Region (4)
Telephone: 213-576-6600
Last EDR Contact: 07/01/2011
Next Scheduled EDR Contact: 10/17/2011
Data Release Frequency: No Update Planned

SLIC REG 5: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing

The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 04/01/2005
Date Data Arrived at EDR: 04/05/2005
Date Made Active in Reports: 04/21/2005
Number of Days to Update: 16

Source: Regional Water Quality Control Board Central Valley Region (5)
Telephone: 916-464-3291
Last EDR Contact: 09/12/2011
Next Scheduled EDR Contact: 12/26/2011
Data Release Frequency: No Update Planned

SLIC REG 6V: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing

The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 05/24/2005
Date Data Arrived at EDR: 05/25/2005
Date Made Active in Reports: 06/16/2005
Number of Days to Update: 22

Source: Regional Water Quality Control Board, Victorville Branch
Telephone: 619-241-6583
Last EDR Contact: 08/15/2011
Next Scheduled EDR Contact: 11/28/2011
Data Release Frequency: No Update Planned

SLIC REG 6L: SLIC Sites
The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 09/07/2004
Date Data Arrived at EDR: 09/07/2004
Date Made Active in Reports: 10/12/2004
Number of Days to Update: 35

Source: California Regional Water Quality Control Board, Lahontan Region
Telephone: 530-542-5574
Last EDR Contact: 08/15/2011
Next Scheduled EDR Contact: 11/28/2011
Data Release Frequency: No Update Planned

SLIC REG 7: SLIC List
The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 11/24/2004
Date Data Arrived at EDR: 11/29/2004
Date Made Active in Reports: 01/04/2005
Number of Days to Update: 36

Source: California Regional Quality Control Board, Colorado River Basin Region
Telephone: 760-346-7491
Last EDR Contact: 08/01/2011
Next Scheduled EDR Contact: 11/14/2011
Data Release Frequency: No Update Planned

SLIC REG 8: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing
The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 04/03/2008
Date Data Arrived at EDR: 04/03/2008
Date Made Active in Reports: 04/14/2008
Number of Days to Update: 11

Source: California Region Water Quality Control Board Santa Ana Region (8)
Telephone: 951-782-3298
Last EDR Contact: 09/12/2011
Next Scheduled EDR Contact: 12/26/2011
Data Release Frequency: No Update Planned

SLIC REG 9: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing
The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 09/10/2007
Date Data Arrived at EDR: 09/11/2007
Date Made Active in Reports: 09/28/2007
Number of Days to Update: 17

Source: California Regional Water Quality Control Board San Diego Region (9)
Telephone: 858-467-2980
Last EDR Contact: 08/08/2011
Next Scheduled EDR Contact: 11/21/2011
Data Release Frequency: No Update Planned

State and tribal registered storage tank lists

FEMA UST: Underground Storage Tank Listing
A listing of all FEMA owned underground storage tanks.

Date of Government Version: 07/21/2020
Date Data Arrived at EDR: 09/03/2020
Date Made Active in Reports: 11/25/2020
Number of Days to Update: 83

Source: FEMA
Telephone: 202-646-5797
Last EDR Contact: 01/04/2021
Next Scheduled EDR Contact: 04/19/2021
Data Release Frequency: Varies

UST CLOSURE: Proposed Closure of Underground Storage Tank (UST) Cases
UST cases that are being considered for closure by either the State Water Resources Control Board or the Executive Director have been posted for a 60-day public comment period. UST Case Closures being proposed for consideration by the State Water Resources Control Board. These are primarily UST cases that meet closure criteria under the decisional framework in State Water Board Resolution No. 92-49 and other Board orders. UST Case Closures proposed for consideration by the Executive Director pursuant to State Water Board Resolution No. 2012-0061. These are cases that meet the criteria of the Low-Threat UST Case Closure Policy. UST Case Closure Review Denials and Approved Orders.

Date of Government Version: 09/03/2020
Date Data Arrived at EDR: 09/08/2020
Date Made Active in Reports: 12/03/2020
Number of Days to Update: 86

Source: State Water Resources Control Board
Telephone: 916-327-7844
Last EDR Contact: 12/08/2020
Next Scheduled EDR Contact: 03/22/2021
Data Release Frequency: Varies

MILITARY UST SITES: Military UST Sites (GEOTRACKER)
Military ust sites

Date of Government Version: 09/08/2020
Date Data Arrived at EDR: 09/08/2020
Date Made Active in Reports: 11/30/2020
Number of Days to Update: 83

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 12/04/2020
Next Scheduled EDR Contact: 03/22/2021
Data Release Frequency: Varies

UST: Active UST Facilities
Active UST facilities gathered from the local regulatory agencies

Date of Government Version: 09/08/2020
Date Data Arrived at EDR: 09/08/2020
Date Made Active in Reports: 11/30/2020
Number of Days to Update: 83

Source: SWRCB
Telephone: 916-341-5851
Last EDR Contact: 12/04/2020
Next Scheduled EDR Contact: 03/22/2021
Data Release Frequency: Semi-Annually

AST: Aboveground Petroleum Storage Tank Facilities
A listing of aboveground storage tank petroleum storage tank locations.

Date of Government Version: 07/06/2016
Date Data Arrived at EDR: 07/12/2016
Date Made Active in Reports: 09/19/2016
Number of Days to Update: 69

Source: California Environmental Protection Agency
Telephone: 916-327-5092
Last EDR Contact: 12/09/2020
Next Scheduled EDR Contact: 03/29/2021
Data Release Frequency: Varies

INDIAN UST R7: Underground Storage Tanks on Indian Land
The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 7 (Iowa, Kansas, Missouri, Nebraska, and 9 Tribal Nations).

Date of Government Version: 04/03/2020
Date Data Arrived at EDR: 05/20/2020
Date Made Active in Reports: 08/12/2020
Number of Days to Update: 84

Source: EPA Region 7
Telephone: 913-551-7003
Last EDR Contact: 12/16/2020
Next Scheduled EDR Contact: 02/01/2021
Data Release Frequency: Varies

INDIAN UST R9: Underground Storage Tanks on Indian Land
The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 9 (Arizona, California, Hawaii, Nevada, the Pacific Islands, and Tribal Nations).

Date of Government Version: 04/08/2020
Date Data Arrived at EDR: 05/20/2020
Date Made Active in Reports: 08/12/2020
Number of Days to Update: 84

Source: EPA Region 9
Telephone: 415-972-3368
Last EDR Contact: 12/16/2020
Next Scheduled EDR Contact: 02/01/2021
Data Release Frequency: Varies

INDIAN UST R10: Underground Storage Tanks on Indian Land
The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 10 (Alaska, Idaho, Oregon, Washington, and Tribal Nations).

Date of Government Version: 04/14/2020
Date Data Arrived at EDR: 05/20/2020
Date Made Active in Reports: 08/12/2020
Number of Days to Update: 84

Source: EPA Region 10
Telephone: 206-553-2857
Last EDR Contact: 12/15/2020
Next Scheduled EDR Contact: 02/01/2021
Data Release Frequency: Varies

INDIAN UST R1: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 1 (Connecticut, Maine, Massachusetts, New Hampshire, Rhode Island, Vermont and ten Tribal Nations).

Date of Government Version: 04/29/2020
Date Data Arrived at EDR: 05/20/2020
Date Made Active in Reports: 08/12/2020
Number of Days to Update: 84

Source: EPA, Region 1
Telephone: 617-918-1313
Last EDR Contact: 11/16/2020
Next Scheduled EDR Contact: 02/01/2021
Data Release Frequency: Varies

INDIAN UST R8: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 8 (Colorado, Montana, North Dakota, South Dakota, Utah, Wyoming and 27 Tribal Nations).

Date of Government Version: 04/14/2020
Date Data Arrived at EDR: 05/20/2020
Date Made Active in Reports: 08/13/2020
Number of Days to Update: 85

Source: EPA Region 8
Telephone: 303-312-6137
Last EDR Contact: 12/16/2020
Next Scheduled EDR Contact: 02/01/2021
Data Release Frequency: Varies

INDIAN UST R4: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 4 (Alabama, Florida, Georgia, Kentucky, Mississippi, North Carolina, South Carolina, Tennessee and Tribal Nations)

Date of Government Version: 04/14/2020
Date Data Arrived at EDR: 05/26/2020
Date Made Active in Reports: 08/12/2020
Number of Days to Update: 78

Source: EPA Region 4
Telephone: 404-562-9424
Last EDR Contact: 12/16/2020
Next Scheduled EDR Contact: 02/01/2021
Data Release Frequency: Varies

INDIAN UST R6: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 6 (Louisiana, Arkansas, Oklahoma, New Mexico, Texas and 65 Tribes).

Date of Government Version: 04/08/2020
Date Data Arrived at EDR: 05/20/2020
Date Made Active in Reports: 08/12/2020
Number of Days to Update: 84

Source: EPA Region 6
Telephone: 214-665-7591
Last EDR Contact: 12/16/2020
Next Scheduled EDR Contact: 02/01/2021
Data Release Frequency: Varies

INDIAN UST R5: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 5 (Michigan, Minnesota and Wisconsin and Tribal Nations).

Date of Government Version: 04/14/2020
Date Data Arrived at EDR: 05/20/2020
Date Made Active in Reports: 08/12/2020
Number of Days to Update: 84

Source: EPA Region 5
Telephone: 312-886-6136
Last EDR Contact: 12/16/2020
Next Scheduled EDR Contact: 02/01/2021
Data Release Frequency: Varies

State and tribal voluntary cleanup sites

INDIAN VCP R1: Voluntary Cleanup Priority Listing

A listing of voluntary cleanup priority sites located on Indian Land located in Region 1.

Date of Government Version: 07/27/2015
Date Data Arrived at EDR: 09/29/2015
Date Made Active in Reports: 02/18/2016
Number of Days to Update: 142

Source: EPA, Region 1
Telephone: 617-918-1102
Last EDR Contact: 12/15/2020
Next Scheduled EDR Contact: 04/05/2021
Data Release Frequency: Varies

INDIAN VCP R7: Voluntary Cleanup Priority Lisitng
A listing of voluntary cleanup priority sites located on Indian Land located in Region 7.

Date of Government Version: 03/20/2008
Date Data Arrived at EDR: 04/22/2008
Date Made Active in Reports: 05/19/2008
Number of Days to Update: 27

Source: EPA, Region 7
Telephone: 913-551-7365
Last EDR Contact: 04/20/2009
Next Scheduled EDR Contact: 07/20/2009
Data Release Frequency: Varies

VCP: Voluntary Cleanup Program Properties
Contains low threat level properties with either confirmed or unconfirmed releases and the project proponents have request that DTSC oversee investigation and/or cleanup activities and have agreed to provide coverage for DTSC's costs.

Date of Government Version: 10/26/2020
Date Data Arrived at EDR: 10/26/2020
Date Made Active in Reports: 01/13/2021
Number of Days to Update: 79

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 10/26/2020
Next Scheduled EDR Contact: 02/08/2021
Data Release Frequency: Quarterly

State and tribal Brownfields sites

BROWNFIELDS: Considered Brownfieds Sites Listing
A listing of sites the SWRCB considers to be Brownfields since these are sites have come to them through the MOA Process.

Date of Government Version: 09/21/2020
Date Data Arrived at EDR: 09/22/2020
Date Made Active in Reports: 12/11/2020
Number of Days to Update: 80

Source: State Water Resources Control Board
Telephone: 916-323-7905
Last EDR Contact: 12/17/2020
Next Scheduled EDR Contact: 04/05/2021
Data Release Frequency: Quarterly

ADDITIONAL ENVIRONMENTAL RECORDS

Local Brownfield lists

US BROWNFIELDS: A Listing of Brownfields Sites
Brownfields are real property, the expansion, redevelopment, or reuse of which may be complicated by the presence or potential presence of a hazardous substance, pollutant, or contaminant. Cleaning up and reinvesting in these properties takes development pressures off of undeveloped, open land, and both improves and protects the environment. Assessment, Cleanup and Redevelopment Exchange System (ACRES) stores information reported by EPA Brownfields grant recipients on brownfields properties assessed or cleaned up with grant funding as well as information on Targeted Brownfields Assessments performed by EPA Regions. A listing of ACRES Brownfield sites is obtained from Cleanups in My Community. Cleanups in My Community provides information on Brownfields properties for which information is reported back to EPA, as well as areas served by Brownfields grant programs.

Date of Government Version: 09/14/2020
Date Data Arrived at EDR: 09/15/2020
Date Made Active in Reports: 12/10/2020
Number of Days to Update: 86

Source: Environmental Protection Agency
Telephone: 202-566-2777
Last EDR Contact: 12/11/2020
Next Scheduled EDR Contact: 03/29/2021
Data Release Frequency: Semi-Annually

Local Lists of Landfill / Solid Waste Disposal Sites

WMUDS/SWAT: Waste Management Unit Database
Waste Management Unit Database System. WMUDS is used by the State Water Resources Control Board staff and the Regional Water Quality Control Boards for program tracking and inventory of waste management units. WMUDS is composed of the following databases: Facility Information, Scheduled Inspections Information, Waste Management Unit Information, SWAT Program Information, SWAT Report Summary Information, SWAT Report Summary Data, Chapter 15 (formerly Subchapter 15) Information, Chapter 15 Monitoring Parameters, TPCA Program Information, RCRA Program Information, Closure Information, and Interested Parties Information.

Date of Government Version: 04/01/2000
Date Data Arrived at EDR: 04/10/2000
Date Made Active in Reports: 05/10/2000
Number of Days to Update: 30

Source: State Water Resources Control Board
Telephone: 916-227-4448
Last EDR Contact: 10/20/2020
Next Scheduled EDR Contact: 02/08/2021
Data Release Frequency: No Update Planned

SWRCY: Recycler Database
A listing of recycling facilities in California.

Date of Government Version: 09/08/2020
Date Data Arrived at EDR: 09/08/2020
Date Made Active in Reports: 11/30/2020
Number of Days to Update: 83

Source: Department of Conservation
Telephone: 916-323-3836
Last EDR Contact: 12/08/2020
Next Scheduled EDR Contact: 03/22/2021
Data Release Frequency: Quarterly

HAULERS: Registered Waste Tire Haulers Listing
A listing of registered waste tire haulers.

Date of Government Version: 05/28/2020
Date Data Arrived at EDR: 05/29/2020
Date Made Active in Reports: 08/12/2020
Number of Days to Update: 75

Source: Integrated Waste Management Board
Telephone: 916-341-6422
Last EDR Contact: 11/05/2020
Next Scheduled EDR Contact: 02/22/2021
Data Release Frequency: Varies

INDIAN ODI: Report on the Status of Open Dumps on Indian Lands
Location of open dumps on Indian land.

Date of Government Version: 12/31/1998
Date Data Arrived at EDR: 12/03/2007
Date Made Active in Reports: 01/24/2008
Number of Days to Update: 52

Source: Environmental Protection Agency
Telephone: 703-308-8245
Last EDR Contact: 10/20/2020
Next Scheduled EDR Contact: 02/08/2021
Data Release Frequency: Varies

ODI: Open Dump Inventory
An open dump is defined as a disposal facility that does not comply with one or more of the Part 257 or Part 258 Subtitle D Criteria.

Date of Government Version: 06/30/1985
Date Data Arrived at EDR: 08/09/2004
Date Made Active in Reports: 09/17/2004
Number of Days to Update: 39

Source: Environmental Protection Agency
Telephone: 800-424-9346
Last EDR Contact: 06/09/2004
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

DEBRIS REGION 9: Torres Martinez Reservation Illegal Dump Site Locations
A listing of illegal dump sites location on the Torres Martinez Indian Reservation located in eastern Riverside County and northern Imperial County, California.

Date of Government Version: 01/12/2009
Date Data Arrived at EDR: 05/07/2009
Date Made Active in Reports: 09/21/2009
Number of Days to Update: 137

Source: EPA, Region 9
Telephone: 415-947-4219
Last EDR Contact: 10/13/2020
Next Scheduled EDR Contact: 02/01/2021
Data Release Frequency: No Update Planned

IHS OPEN DUMPS: Open Dumps on Indian Land
A listing of all open dumps located on Indian Land in the United States.

Date of Government Version: 04/01/2014
Date Data Arrived at EDR: 08/06/2014
Date Made Active in Reports: 01/29/2015
Number of Days to Update: 176

Source: Department of Health & Human Serivces, Indian Health Service
Telephone: 301-443-1452
Last EDR Contact: 10/30/2020
Next Scheduled EDR Contact: 02/08/2021
Data Release Frequency: Varies

Local Lists of Hazardous waste / Contaminated Sites

US HIST CDL: National Clandestine Laboratory Register

A listing of clandestine drug lab locations that have been removed from the DEAs National Clandestine Laboratory Register.

Date of Government Version: 03/18/2020
Date Data Arrived at EDR: 03/19/2020
Date Made Active in Reports: 06/09/2020
Number of Days to Update: 82

Source: Drug Enforcement Administration
Telephone: 202-307-1000
Last EDR Contact: 11/16/2020
Next Scheduled EDR Contact: 03/08/2021
Data Release Frequency: No Update Planned

HIST CAL-SITES: Calsites Database

The Calsites database contains potential or confirmed hazardous substance release properties. In 1996, California EPA reevaluated and significantly reduced the number of sites in the Calsites database. No longer updated by the state agency. It has been replaced by ENVIROSTOR.

Date of Government Version: 08/08/2005
Date Data Arrived at EDR: 08/03/2006
Date Made Active in Reports: 08/24/2006
Number of Days to Update: 21

Source: Department of Toxic Substance Control
Telephone: 916-323-3400
Last EDR Contact: 02/23/2009
Next Scheduled EDR Contact: 05/25/2009
Data Release Frequency: No Update Planned

SCH: School Property Evaluation Program

This category contains proposed and existing school sites that are being evaluated by DTSC for possible hazardous materials contamination. In some cases, these properties may be listed in the CalSites category depending on the level of threat to public health and safety or the environment they pose.

Date of Government Version: 10/26/2020
Date Data Arrived at EDR: 10/26/2020
Date Made Active in Reports: 01/13/2021
Number of Days to Update: 79

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 10/26/2020
Next Scheduled EDR Contact: 02/08/2021
Data Release Frequency: Quarterly

CDL: Clandestine Drug Labs

A listing of drug lab locations. Listing of a location in this database does not indicate that any illegal drug lab materials were or were not present there, and does not constitute a determination that the location either requires or does not require additional cleanup work.

Date of Government Version: 06/30/2019
Date Data Arrived at EDR: 05/28/2020
Date Made Active in Reports: 08/12/2020
Number of Days to Update: 76

Source: Department of Toxic Substances Control
Telephone: 916-255-6504
Last EDR Contact: 01/04/2021
Next Scheduled EDR Contact: 04/19/2021
Data Release Frequency: Varies

CERS HAZ WASTE: CERS HAZ WASTE

List of sites in the California Environmental Protection Agency (CalEPA) Regulated Site Portal which fall under the Hazardous Chemical Management, Hazardous Waste Onsite Treatment, Household Hazardous Waste Collection, Hazardous Waste Generator, and RCRA LQ HW Generator programs.

Date of Government Version: 10/19/2020
Date Data Arrived at EDR: 10/19/2020
Date Made Active in Reports: 01/07/2021
Number of Days to Update: 80

Source: CalEPA
Telephone: 916-323-2514
Last EDR Contact: 10/19/2020
Next Scheduled EDR Contact: 02/01/2021
Data Release Frequency: Quarterly

TOXIC PITS: Toxic Pits Cleanup Act Sites

Toxic PITS Cleanup Act Sites. TOXIC PITS identifies sites suspected of containing hazardous substances where cleanup has not yet been completed.

Date of Government Version: 07/01/1995
Date Data Arrived at EDR: 08/30/1995
Date Made Active in Reports: 09/26/1995
Number of Days to Update: 27

Source: State Water Resources Control Board
Telephone: 916-227-4364
Last EDR Contact: 01/26/2009
Next Scheduled EDR Contact: 04/27/2009
Data Release Frequency: No Update Planned

US CDL: Clandestine Drug Labs

A listing of clandestine drug lab locations. The U.S. Department of Justice ("the Department") provides this web site as a public service. It contains addresses of some locations where law enforcement agencies reported they found chemicals or other items that indicated the presence of either clandestine drug laboratories or dumpsites. In most cases, the source of the entries is not the Department, and the Department has not verified the entry and does not guarantee its accuracy. Members of the public must verify the accuracy of all entries by, for example, contacting local law enforcement and local health departments.

Date of Government Version: 03/18/2020
Date Data Arrived at EDR: 03/19/2020
Date Made Active in Reports: 06/09/2020
Number of Days to Update: 82

Source: Drug Enforcement Administration
Telephone: 202-307-1000
Last EDR Contact: 11/16/2020
Next Scheduled EDR Contact: 03/08/2021
Data Release Frequency: Quarterly

PFAS: PFAS Contamination Site Location Listing

A listing of PFAS contaminated sites included in the GeoTracker database.

Date of Government Version: 09/08/2020
Date Data Arrived at EDR: 09/08/2020
Date Made Active in Reports: 12/01/2020
Number of Days to Update: 84

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 12/08/2020
Next Scheduled EDR Contact: 03/22/2021
Data Release Frequency: Varies

Local Lists of Registered Storage Tanks

SWEEPS UST: SWEEPS UST Listing

Statewide Environmental Evaluation and Planning System. This underground storage tank listing was updated and maintained by a company contacted by the SWRCB in the early 1990's. The listing is no longer updated or maintained. The local agency is the contact for more information on a site on the SWEEPS list.

Date of Government Version: 06/01/1994
Date Data Arrived at EDR: 07/07/2005
Date Made Active in Reports: 08/11/2005
Number of Days to Update: 35

Source: State Water Resources Control Board
Telephone: N/A
Last EDR Contact: 06/03/2005
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

UST MENDOCINO: Mendocino County UST Database

A listing of underground storage tank locations in Mendocino County.

Date of Government Version: 05/20/2020
Date Data Arrived at EDR: 05/20/2020
Date Made Active in Reports: 08/06/2020
Number of Days to Update: 78

Source: Department of Public Health
Telephone: 707-463-4466
Last EDR Contact: 11/16/2020
Next Scheduled EDR Contact: 03/08/2021
Data Release Frequency: Annually

HIST UST: Hazardous Substance Storage Container Database

The Hazardous Substance Storage Container Database is a historical listing of UST sites. Refer to local/county source for current data.

Date of Government Version: 10/15/1990
Date Data Arrived at EDR: 01/25/1991
Date Made Active in Reports: 02/12/1991
Number of Days to Update: 18

Source: State Water Resources Control Board
Telephone: 916-341-5851
Last EDR Contact: 07/26/2001
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

SAN FRANCISCO AST: Aboveground Storage Tank Site Listing
Aboveground storage tank sites

Date of Government Version: 08/03/2020
Date Data Arrived at EDR: 08/05/2020
Date Made Active in Reports: 10/22/2020
Number of Days to Update: 78

Source: San Francisco County Department of Public Health
Telephone: 415-252-3896
Last EDR Contact: 10/28/2020
Next Scheduled EDR Contact: 02/15/2021
Data Release Frequency: Varies

CERS TANKS: California Environmental Reporting System (CERS) Tanks
List of sites in the California Environmental Protection Agency (CalEPA) Regulated Site Portal which fall under the Aboveground Petroleum Storage and Underground Storage Tank regulatory programs.

Date of Government Version: 10/19/2020
Date Data Arrived at EDR: 10/19/2020
Date Made Active in Reports: 01/07/2021
Number of Days to Update: 80

Source: California Environmental Protection Agency
Telephone: 916-323-2514
Last EDR Contact: 10/19/2020
Next Scheduled EDR Contact: 02/01/2021
Data Release Frequency: Quarterly

CA FID UST: Facility Inventory Database
The Facility Inventory Database (FID) contains a historical listing of active and inactive underground storage tank locations from the State Water Resource Control Board. Refer to local/county source for current data.

Date of Government Version: 10/31/1994
Date Data Arrived at EDR: 09/05/1995
Date Made Active in Reports: 09/29/1995
Number of Days to Update: 24

Source: California Environmental Protection Agency
Telephone: 916-341-5851
Last EDR Contact: 12/28/1998
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

Local Land Records

LIENS: Environmental Liens Listing
A listing of property locations with environmental liens for California where DTSC is a lien holder.

Date of Government Version: 08/26/2020
Date Data Arrived at EDR: 08/28/2020
Date Made Active in Reports: 11/17/2020
Number of Days to Update: 81

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 11/23/2020
Next Scheduled EDR Contact: 03/15/2021
Data Release Frequency: Varies

LIENS 2: CERCLA Lien Information
A Federal CERCLA ('Superfund') lien can exist by operation of law at any site or property at which EPA has spent Superfund monies. These monies are spent to investigate and address releases and threatened releases of contamination. CERCLIS provides information as to the identity of these sites and properties.

Date of Government Version: 10/28/2020
Date Data Arrived at EDR: 11/05/2020
Date Made Active in Reports: 11/25/2020
Number of Days to Update: 20

Source: Environmental Protection Agency
Telephone: 202-564-6023
Last EDR Contact: 01/14/2021
Next Scheduled EDR Contact: 04/12/2021
Data Release Frequency: Semi-Annually

DEED: Deed Restriction Listing

Site Mitigation and Brownfields Reuse Program Facility Sites with Deed Restrictions & Hazardous Waste Management Program Facility Sites with Deed / Land Use Restriction. The DTSC Site Mitigation and Brownfields Reuse Program (SMBRP) list includes sites cleaned up under the program's oversight and generally does not include current or former hazardous waste facilities that required a hazardous waste facility permit. The list represents deed restrictions that are active. Some sites have multiple deed restrictions. The DTSC Hazardous Waste Management Program (HWMP) has developed a list of current or former hazardous waste facilities that have a recorded land use restriction at the local county recorder's office. The land use restrictions on this list were required by the DTSC HWMP as a result of the presence of hazardous substances that remain on site after the facility (or part of the facility) has been closed or cleaned up. The types of land use restriction include deed notice, deed restriction, or a land use restriction that binds current and future owners.

Date of Government Version: 08/31/2020
Date Data Arrived at EDR: 08/31/2020
Date Made Active in Reports: 11/20/2020
Number of Days to Update: 81
Source: DTSC and SWRCB
Telephone: 916-323-3400
Last EDR Contact: 12/01/2020
Next Scheduled EDR Contact: 03/15/2021
Data Release Frequency: Semi-Annually

Records of Emergency Release Reports

HMIRS: Hazardous Materials Information Reporting System

Hazardous Materials Incident Report System. HMIRS contains hazardous material spill incidents reported to DOT.

Date of Government Version: 09/20/2020
Date Data Arrived at EDR: 09/22/2020
Date Made Active in Reports: 12/14/2020
Number of Days to Update: 83
Source: U.S. Department of Transportation
Telephone: 202-366-4555
Last EDR Contact: 12/17/2020
Next Scheduled EDR Contact: 04/05/2021
Data Release Frequency: Quarterly

CHMIRS: California Hazardous Material Incident Report System

California Hazardous Material Incident Reporting System. CHMIRS contains information on reported hazardous material incidents (accidental releases or spills).

Date of Government Version: 09/30/2020
Date Data Arrived at EDR: 10/19/2020
Date Made Active in Reports: 01/07/2021
Number of Days to Update: 80
Source: Office of Emergency Services
Telephone: 916-845-8400
Last EDR Contact: 10/19/2020
Next Scheduled EDR Contact: 02/01/2021
Data Release Frequency: Semi-Annually

LDS: Land Disposal Sites Listing (GEOTRACKER)

Land Disposal sites (Landfills) included in GeoTracker. GeoTracker is the Water Boards data management system for sites that impact, or have the potential to impact, water quality in California, with emphasis on groundwater.

Date of Government Version: 09/08/2020
Date Data Arrived at EDR: 09/08/2020
Date Made Active in Reports: 11/30/2020
Number of Days to Update: 83
Source: State Water Qualilty Control Board
Telephone: 866-480-1028
Last EDR Contact: 12/04/2020
Next Scheduled EDR Contact: 03/22/2021
Data Release Frequency: Quarterly

MCS: Military Cleanup Sites Listing (GEOTRACKER)

Military sites (consisting of: Military UST sites; Military Privatized sites; and Military Cleanup sites [formerly known as DoD non UST]) included in GeoTracker. GeoTracker is the Water Boards data management system for sites that impact, or have the potential to impact, water quality in California, with emphasis on groundwater.

Date of Government Version: 09/08/2020
Date Data Arrived at EDR: 09/08/2020
Date Made Active in Reports: 11/30/2020
Number of Days to Update: 83
Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 12/04/2020
Next Scheduled EDR Contact: 03/22/2021
Data Release Frequency: Quarterly

SPILLS 90: SPILLS90 data from FirstSearch

Spills 90 includes those spill and release records available exclusively from FirstSearch databases. Typically, they may include chemical, oil and/or hazardous substance spills recorded after 1990. Duplicate records that are already included in EDR incident and release records are not included in Spills 90.

Date of Government Version: 06/06/2012
Date Data Arrived at EDR: 01/03/2013
Date Made Active in Reports: 02/22/2013
Number of Days to Update: 50

Source: FirstSearch
Telephone: N/A
Last EDR Contact: 01/03/2013
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

Other Ascertainable Records

RCRA NonGen / NLR: RCRA - Non Generators / No Longer Regulated

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Non-Generators do not presently generate hazardous waste.

Date of Government Version: 12/14/2020
Date Data Arrived at EDR: 12/17/2020
Date Made Active in Reports: 12/22/2020
Number of Days to Update: 5

Source: Environmental Protection Agency
Telephone: (415) 495-8895
Last EDR Contact: 12/17/2020
Next Scheduled EDR Contact: 04/05/2021
Data Release Frequency: Quarterly

FUDS: Formerly Used Defense Sites

The listing includes locations of Formerly Used Defense Sites properties where the US Army Corps of Engineers is actively working or will take necessary cleanup actions.

Date of Government Version: 08/05/2020
Date Data Arrived at EDR: 08/13/2020
Date Made Active in Reports: 10/21/2020
Number of Days to Update: 69

Source: U.S. Army Corps of Engineers
Telephone: 202-528-4285
Last EDR Contact: 11/17/2020
Next Scheduled EDR Contact: 03/01/2021
Data Release Frequency: Varies

DOD: Department of Defense Sites

This data set consists of federally owned or administered lands, administered by the Department of Defense, that have any area equal to or greater than 640 acres of the United States, Puerto Rico, and the U.S. Virgin Islands.

Date of Government Version: 12/31/2005
Date Data Arrived at EDR: 11/10/2006
Date Made Active in Reports: 01/11/2007
Number of Days to Update: 62

Source: USGS
Telephone: 888-275-8747
Last EDR Contact: 01/15/2021
Next Scheduled EDR Contact: 04/26/2021
Data Release Frequency: Semi-Annually

FEDLAND: Federal and Indian Lands

Federally and Indian administrated lands of the United States. Lands included are administrated by: Army Corps of Engineers, Bureau of Reclamation, National Wild and Scenic River, National Wildlife Refuge, Public Domain Land, Wilderness, Wilderness Study Area, Wildlife Management Area, Bureau of Indian Affairs, Bureau of Land Management, Department of Justice, Forest Service, Fish and Wildlife Service, National Park Service.

Date of Government Version: 04/02/2018
Date Data Arrived at EDR: 04/11/2018
Date Made Active in Reports: 11/06/2019
Number of Days to Update: 574

Source: U.S. Geological Survey
Telephone: 888-275-8747
Last EDR Contact: 01/07/2021
Next Scheduled EDR Contact: 04/19/2021
Data Release Frequency: N/A

SCRD DRYCLEANERS: State Coalition for Remediation of Drycleaners Listing

The State Coalition for Remediation of Drycleaners was established in 1998, with support from the U.S. EPA Office of Superfund Remediation and Technology Innovation. It is comprised of representatives of states with established drycleaner remediation programs. Currently the member states are Alabama, Connecticut, Florida, Illinois, Kansas, Minnesota, Missouri, North Carolina, Oregon, South Carolina, Tennessee, Texas, and Wisconsin.

Date of Government Version: 01/01/2017
Date Data Arrived at EDR: 02/03/2017
Date Made Active in Reports: 04/07/2017
Number of Days to Update: 63

Source: Environmental Protection Agency
Telephone: 615-532-8599
Last EDR Contact: 11/09/2020
Next Scheduled EDR Contact: 02/22/2021
Data Release Frequency: Varies

US FIN ASSUR: Financial Assurance Information

All owners and operators of facilities that treat, store, or dispose of hazardous waste are required to provide proof that they will have sufficient funds to pay for the clean up, closure, and post-closure care of their facilities.

Date of Government Version: 09/21/2020
Date Data Arrived at EDR: 09/22/2020
Date Made Active in Reports: 12/14/2020
Number of Days to Update: 83

Source: Environmental Protection Agency
Telephone: 202-566-1917
Last EDR Contact: 12/17/2020
Next Scheduled EDR Contact: 04/05/2021
Data Release Frequency: Quarterly

EPA WATCH LIST: EPA WATCH LIST

EPA maintains a "Watch List" to facilitate dialogue between EPA, state and local environmental agencies on enforcement matters relating to facilities with alleged violations identified as either significant or high priority. Being on the Watch List does not mean that the facility has actually violated the law only that an investigation by EPA or a state or local environmental agency has led those organizations to allege that an unproven violation has in fact occurred. Being on the Watch List does not represent a higher level of concern regarding the alleged violations that were detected, but instead indicates cases requiring additional dialogue between EPA, state and local agencies - primarily because of the length of time the alleged violation has gone unaddressed or unresolved.

Date of Government Version: 08/30/2013
Date Data Arrived at EDR: 03/21/2014
Date Made Active in Reports: 06/17/2014
Number of Days to Update: 88

Source: Environmental Protection Agency
Telephone: 617-520-3000
Last EDR Contact: 11/02/2020
Next Scheduled EDR Contact: 02/15/2021
Data Release Frequency: Quarterly

2020 COR ACTION: 2020 Corrective Action Program List

The EPA has set ambitious goals for the RCRA Corrective Action program by creating the 2020 Corrective Action Universe. This RCRA cleanup baseline includes facilities expected to need corrective action. The 2020 universe contains a wide variety of sites. Some properties are heavily contaminated while others were contaminated but have since been cleaned up. Still others have not been fully investigated yet, and may require little or no remediation. Inclusion in the 2020 Universe does not necessarily imply failure on the part of a facility to meet its RCRA obligations.

Date of Government Version: 09/30/2017
Date Data Arrived at EDR: 05/08/2018
Date Made Active in Reports: 07/20/2018
Number of Days to Update: 73

Source: Environmental Protection Agency
Telephone: 703-308-4044
Last EDR Contact: 11/06/2020
Next Scheduled EDR Contact: 02/15/2021
Data Release Frequency: Varies

TSCA: Toxic Substances Control Act

Toxic Substances Control Act. TSCA identifies manufacturers and importers of chemical substances included on the TSCA Chemical Substance Inventory list. It includes data on the production volume of these substances by plant site.

Date of Government Version: 12/31/2016
Date Data Arrived at EDR: 06/17/2020
Date Made Active in Reports: 09/10/2020
Number of Days to Update: 85

Source: EPA
Telephone: 202-260-5521
Last EDR Contact: 12/18/2020
Next Scheduled EDR Contact: 03/29/2021
Data Release Frequency: Every 4 Years

TRIS: Toxic Chemical Release Inventory System

Toxic Release Inventory System. TRIS identifies facilities which release toxic chemicals to the air, water and land in reportable quantities under SARA Title III Section 313.

Date of Government Version: 12/31/2018
Date Data Arrived at EDR: 08/14/2020
Date Made Active in Reports: 11/04/2020
Number of Days to Update: 82

Source: EPA
Telephone: 202-566-0250
Last EDR Contact: 11/17/2020
Next Scheduled EDR Contact: 03/01/2021
Data Release Frequency: Annually

SSTS: Section 7 Tracking Systems

Section 7 of the Federal Insecticide, Fungicide and Rodenticide Act, as amended (92 Stat. 829) requires all registered pesticide-producing establishments to submit a report to the Environmental Protection Agency by March 1st each year. Each establishment must report the types and amounts of pesticides, active ingredients and devices being produced, and those having been produced and sold or distributed in the past year.

Date of Government Version: 10/19/2020
Date Data Arrived at EDR: 10/19/2020
Date Made Active in Reports: 01/04/2021
Number of Days to Update: 77

Source: EPA
Telephone: 202-564-4203
Last EDR Contact: 10/19/2020
Next Scheduled EDR Contact: 02/01/2021
Data Release Frequency: Annually

ROD: Records Of Decision

Record of Decision. ROD documents mandate a permanent remedy at an NPL (Superfund) site containing technical and health information to aid in the cleanup.

Date of Government Version: 10/28/2020
Date Data Arrived at EDR: 11/05/2020
Date Made Active in Reports: 11/25/2020
Number of Days to Update: 20

Source: EPA
Telephone: 703-416-0223
Last EDR Contact: 01/14/2021
Next Scheduled EDR Contact: 03/15/2021
Data Release Frequency: Annually

RMP: Risk Management Plans

When Congress passed the Clean Air Act Amendments of 1990, it required EPA to publish regulations and guidance for chemical accident prevention at facilities using extremely hazardous substances. The Risk Management Program Rule (RMP Rule) was written to implement Section 112(r) of these amendments. The rule, which built upon existing industry codes and standards, requires companies of all sizes that use certain flammable and toxic substances to develop a Risk Management Program, which includes a(n): Hazard assessment that details the potential effects of an accidental release, an accident history of the last five years, and an evaluation of worst-case and alternative accidental releases; Prevention program that includes safety precautions and maintenance, monitoring, and employee training measures; and Emergency response program that spells out emergency health care, employee training measures and procedures for informing the public and response agencies (e.g the fire department) should an accident occur.

Date of Government Version: 07/24/2020
Date Data Arrived at EDR: 08/03/2020
Date Made Active in Reports: 10/21/2020
Number of Days to Update: 79

Source: Environmental Protection Agency
Telephone: 202-564-8600
Last EDR Contact: 10/14/2020
Next Scheduled EDR Contact: 02/01/2021
Data Release Frequency: Varies

RAATS: RCRA Administrative Action Tracking System

RCRA Administration Action Tracking System. RAATS contains records based on enforcement actions issued under RCRA pertaining to major violators and includes administrative and civil actions brought by the EPA. For administration actions after September 30, 1995, data entry in the RAATS database was discontinued. EPA will retain a copy of the database for historical records. It was necessary to terminate RAATS because a decrease in agency resources made it impossible to continue to update the information contained in the database.

Date of Government Version: 04/17/1995
Date Data Arrived at EDR: 07/03/1995
Date Made Active in Reports: 08/07/1995
Number of Days to Update: 35

Source: EPA
Telephone: 202-564-4104
Last EDR Contact: 06/02/2008
Next Scheduled EDR Contact: 09/01/2008
Data Release Frequency: No Update Planned

PRP: Potentially Responsible Parties
A listing of verified Potentially Responsible Parties

Date of Government Version: 04/27/2020
Date Data Arrived at EDR: 05/06/2020
Date Made Active in Reports: 06/09/2020
Number of Days to Update: 34
Source: EPA
Telephone: 202-564-6023
Last EDR Contact: 01/14/2021
Next Scheduled EDR Contact: 02/15/2021
Data Release Frequency: Quarterly

PADS: PCB Activity Database System
PCB Activity Database. PADS Identifies generators, transporters, commercial storers and/or brokers and disposers of PCB's who are required to notify the EPA of such activities.

Date of Government Version: 10/09/2019
Date Data Arrived at EDR: 10/11/2019
Date Made Active in Reports: 12/20/2019
Number of Days to Update: 70
Source: EPA
Telephone: 202-566-0500
Last EDR Contact: 01/08/2021
Next Scheduled EDR Contact: 04/19/2021
Data Release Frequency: Annually

ICIS: Integrated Compliance Information System
The Integrated Compliance Information System (ICIS) supports the information needs of the national enforcement and compliance program as well as the unique needs of the National Pollutant Discharge Elimination System (NPDES) program.

Date of Government Version: 11/18/2016
Date Data Arrived at EDR: 11/23/2016
Date Made Active in Reports: 02/10/2017
Number of Days to Update: 79
Source: Environmental Protection Agency
Telephone: 202-564-2501
Last EDR Contact: 12/30/2020
Next Scheduled EDR Contact: 04/19/2021
Data Release Frequency: Quarterly

FTTS: FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)
FTTS tracks administrative cases and pesticide enforcement actions and compliance activities related to FIFRA, TSCA and EPCRA (Emergency Planning and Community Right-to-Know Act). To maintain currency, EDR contacts the Agency on a quarterly basis.

Date of Government Version: 04/09/2009
Date Data Arrived at EDR: 04/16/2009
Date Made Active in Reports: 05/11/2009
Number of Days to Update: 25
Source: EPA/Office of Prevention, Pesticides and Toxic Substances
Telephone: 202-566-1667
Last EDR Contact: 08/18/2017
Next Scheduled EDR Contact: 12/04/2017
Data Release Frequency: No Update Planned

FTTS INSP: FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)
A listing of FIFRA/TSCA Tracking System (FTTS) inspections and enforcements.

Date of Government Version: 04/09/2009
Date Data Arrived at EDR: 04/16/2009
Date Made Active in Reports: 05/11/2009
Number of Days to Update: 25
Source: EPA
Telephone: 202-566-1667
Last EDR Contact: 08/18/2017
Next Scheduled EDR Contact: 12/04/2017
Data Release Frequency: No Update Planned

MLTS: Material Licensing Tracking System
MLTS is maintained by the Nuclear Regulatory Commission and contains a list of approximately 8,100 sites which possess or use radioactive materials and which are subject to NRC licensing requirements. To maintain currency, EDR contacts the Agency on a quarterly basis.

Date of Government Version: 08/05/2020
Date Data Arrived at EDR: 08/10/2020
Date Made Active in Reports: 10/08/2020
Number of Days to Update: 59
Source: Nuclear Regulatory Commission
Telephone: 301-415-7169
Last EDR Contact: 10/12/2020
Next Scheduled EDR Contact: 01/31/2021
Data Release Frequency: Quarterly

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

COAL ASH DOE: Steam-Electric Plant Operation Data
A listing of power plants that store ash in surface ponds.

Date of Government Version: 12/31/2018
Date Data Arrived at EDR: 12/04/2019
Date Made Active in Reports: 01/15/2020
Number of Days to Update: 42
Source: Department of Energy
Telephone: 202-586-8719
Last EDR Contact: 12/01/2020
Next Scheduled EDR Contact: 03/15/2021
Data Release Frequency: Varies

COAL ASH EPA: Coal Combustion Residues Surface Impoundments List
A listing of coal combustion residues surface impoundments with high hazard potential ratings.

Date of Government Version: 01/12/2017
Date Data Arrived at EDR: 03/05/2019
Date Made Active in Reports: 11/11/2019
Number of Days to Update: 251
Source: Environmental Protection Agency
Telephone: N/A
Last EDR Contact: 11/30/2020
Next Scheduled EDR Contact: 03/15/2021
Data Release Frequency: Varies

PCB TRANSFORMER: PCB Transformer Registration Database
The database of PCB transformer registrations that includes all PCB registration submittals.

Date of Government Version: 09/13/2019
Date Data Arrived at EDR: 11/06/2019
Date Made Active in Reports: 02/10/2020
Number of Days to Update: 96
Source: Environmental Protection Agency
Telephone: 202-566-0517
Last EDR Contact: 11/06/2021
Next Scheduled EDR Contact: 02/15/2021
Data Release Frequency: Varies

RADINFO: Radiation Information Database
The Radiation Information Database (RADINFO) contains information about facilities that are regulated by U.S. Environmental Protection Agency (EPA) regulations for radiation and radioactivity.

Date of Government Version: 07/01/2019
Date Data Arrived at EDR: 07/01/2019
Date Made Active in Reports: 09/23/2019
Number of Days to Update: 84
Source: Environmental Protection Agency
Telephone: 202-343-9775
Last EDR Contact: 01/08/2021
Next Scheduled EDR Contact: 04/12/2021
Data Release Frequency: Quarterly

HIST FTTS: FIFRA/TSCA Tracking System Administrative Case Listing
A complete administrative case listing from the FIFRA/TSCA Tracking System (FTTS) for all ten EPA regions. The information was obtained from the National Compliance Database (NCDB). NCDB supports the implementation of FIFRA (Federal Insecticide, Fungicide, and Rodenticide Act) and TSCA (Toxic Substances Control Act). Some EPA regions are now closing out records. Because of that, and the fact that some EPA regions are not providing EPA Headquarters with updated records, it was decided to create a HIST FTTS database. It included records that may not be included in the newer FTTS database updates. This database is no longer updated.

Date of Government Version: 10/19/2006
Date Data Arrived at EDR: 03/01/2007
Date Made Active in Reports: 04/10/2007
Number of Days to Update: 40
Source: Environmental Protection Agency
Telephone: 202-564-2501
Last EDR Contact: 12/17/2007
Next Scheduled EDR Contact: 03/17/2008
Data Release Frequency: No Update Planned

HIST FTTS INSP: FIFRA/TSCA Tracking System Inspection & Enforcement Case Listing
A complete inspection and enforcement case listing from the FIFRA/TSCA Tracking System (FTTS) for all ten EPA regions. The information was obtained from the National Compliance Database (NCDB). NCDB supports the implementation of FIFRA (Federal Insecticide, Fungicide, and Rodenticide Act) and TSCA (Toxic Substances Control Act). Some EPA regions are now closing out records. Because of that, and the fact that some EPA regions are not providing EPA Headquarters with updated records, it was decided to create a HIST FTTS database. It included records that may not be included in the newer FTTS database updates. This database is no longer updated.

Date of Government Version: 10/19/2006
Date Data Arrived at EDR: 03/01/2007
Date Made Active in Reports: 04/10/2007
Number of Days to Update: 40

Source: Environmental Protection Agency
Telephone: 202-564-2501
Last EDR Contact: 12/17/2008
Next Scheduled EDR Contact: 03/17/2008
Data Release Frequency: No Update Planned

DOT OPS: Incident and Accident Data

Department of Transporation, Office of Pipeline Safety Incident and Accident data.

Date of Government Version: 01/02/2020
Date Data Arrived at EDR: 01/28/2020
Date Made Active in Reports: 04/17/2020
Number of Days to Update: 80

Source: Department of Transporation, Office of Pipeline Safety
Telephone: 202-366-4595
Last EDR Contact: 10/27/2020
Next Scheduled EDR Contact: 02/08/2021
Data Release Frequency: Quarterly

CONSENT: Superfund (CERCLA) Consent Decrees

Major legal settlements that establish responsibility and standards for cleanup at NPL (Superfund) sites. Released periodically by United States District Courts after settlement by parties to litigation matters.

Date of Government Version: 09/30/2020
Date Data Arrived at EDR: 10/08/2020
Date Made Active in Reports: 01/04/2021
Number of Days to Update: 88

Source: Department of Justice, Consent Decree Library
Telephone: Varies
Last EDR Contact: 01/04/2021
Next Scheduled EDR Contact: 04/19/2021
Data Release Frequency: Varies

BRS: Biennial Reporting System

The Biennial Reporting System is a national system administered by the EPA that collects data on the generation and management of hazardous waste. BRS captures detailed data from two groups: Large Quantity Generators (LQG) and Treatment, Storage, and Disposal Facilities.

Date of Government Version: 12/31/2017
Date Data Arrived at EDR: 06/22/2020
Date Made Active in Reports: 11/20/2020
Number of Days to Update: 151

Source: EPA/NTIS
Telephone: 800-424-9346
Last EDR Contact: 12/23/2020
Next Scheduled EDR Contact: 04/05/2021
Data Release Frequency: Biennially

INDIAN RESERV: Indian Reservations

This map layer portrays Indian administered lands of the United States that have any area equal to or greater than 640 acres.

Date of Government Version: 12/31/2014
Date Data Arrived at EDR: 07/14/2015
Date Made Active in Reports: 01/10/2017
Number of Days to Update: 546

Source: USGS
Telephone: 202-208-3710
Last EDR Contact: 01/08/2021
Next Scheduled EDR Contact: 04/19/2021
Data Release Frequency: Semi-Annually

FUSRAP: Formerly Utilized Sites Remedial Action Program

DOE established the Formerly Utilized Sites Remedial Action Program (FUSRAP) in 1974 to remediate sites where radioactive contamination remained from Manhattan Project and early U.S. Atomic Energy Commission (AEC) operations.

Date of Government Version: 08/08/2017
Date Data Arrived at EDR: 09/11/2018
Date Made Active in Reports: 09/14/2018
Number of Days to Update: 3

Source: Department of Energy
Telephone: 202-586-3559
Last EDR Contact: 11/06/2020
Next Scheduled EDR Contact: 02/15/2021
Data Release Frequency: Varies

UMTRA: Uranium Mill Tailings Sites

Uranium ore was mined by private companies for federal government use in national defense programs. When the mills shut down, large piles of the sand-like material (mill tailings) remain after uranium has been extracted from the ore. Levels of human exposure to radioactive materials from the piles are low; however, in some cases tailings were used as construction materials before the potential health hazards of the tailings were recognized.

Date of Government Version: 08/30/2019
Date Data Arrived at EDR: 11/15/2019
Date Made Active in Reports: 01/28/2020
Number of Days to Update: 74

Source: Department of Energy
Telephone: 505-845-0011
Last EDR Contact: 11/20/2020
Next Scheduled EDR Contact: 03/01/2021
Data Release Frequency: Varies

LEAD SMELTER 1: Lead Smelter Sites

A listing of former lead smelter site locations.

Date of Government Version: 10/28/2020
Date Data Arrived at EDR: 11/05/2020
Date Made Active in Reports: 11/25/2020
Number of Days to Update: 20

Source: Environmental Protection Agency
Telephone: 703-603-8787
Last EDR Contact: 01/14/2021
Next Scheduled EDR Contact: 04/12/2021
Data Release Frequency: Varies

LEAD SMELTER 2: Lead Smelter Sites

A list of several hundred sites in the U.S. where secondary lead smelting was done from 1931and 1964. These sites may pose a threat to public health through ingestion or inhalation of contaminated soil or dust

Date of Government Version: 04/05/2001
Date Data Arrived at EDR: 10/27/2010
Date Made Active in Reports: 12/02/2010
Number of Days to Update: 36

Source: American Journal of Public Health
Telephone: 703-305-6451
Last EDR Contact: 12/02/2009
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

US AIRS (AFS): Aerometric Information Retrieval System Facility Subsystem (AFS)

The database is a sub-system of Aerometric Information Retrieval System (AIRS). AFS contains compliance data on air pollution point sources regulated by the U.S. EPA and/or state and local air regulatory agencies. This information comes from source reports by various stationary sources of air pollution, such as electric power plants, steel mills, factories, and universities, and provides information about the air pollutants they produce. Action, air program, air program pollutant, and general level plant data. It is used to track emissions and compliance data from industrial plants.

Date of Government Version: 10/12/2016
Date Data Arrived at EDR: 10/26/2016
Date Made Active in Reports: 02/03/2017
Number of Days to Update: 100

Source: EPA
Telephone: 202-564-2496
Last EDR Contact: 09/26/2017
Next Scheduled EDR Contact: 01/08/2018
Data Release Frequency: Annually

US AIRS MINOR: Air Facility System Data

A listing of minor source facilities.

Date of Government Version: 10/12/2016
Date Data Arrived at EDR: 10/26/2016
Date Made Active in Reports: 02/03/2017
Number of Days to Update: 100

Source: EPA
Telephone: 202-564-2496
Last EDR Contact: 09/26/2017
Next Scheduled EDR Contact: 01/08/2018
Data Release Frequency: Annually

US MINES: Mines Master Index File

Contains all mine identification numbers issued for mines active or opened since 1971. The data also includes violation information.

Date of Government Version: 08/04/2020
Date Data Arrived at EDR: 08/25/2020
Date Made Active in Reports: 11/18/2020
Number of Days to Update: 85

Source: Department of Labor, Mine Safety and Health Administration
Telephone: 303-231-5959
Last EDR Contact: 11/23/2020
Next Scheduled EDR Contact: 03/08/2021
Data Release Frequency: Semi-Annually

MINES VIOLATIONS: MSHA Violation Assessment Data

Mines violation and assessment information. Department of Labor, Mine Safety & Health Administration.

Date of Government Version: 09/10/2020
Date Data Arrived at EDR: 09/15/2020
Date Made Active in Reports: 11/20/2020
Number of Days to Update: 66

Source: DOL, Mine Safety & Health Admi
Telephone: 202-693-9424
Last EDR Contact: 11/24/2020
Next Scheduled EDR Contact: 03/15/2021
Data Release Frequency: Quarterly

US MINES 2: Ferrous and Nonferrous Metal Mines Database Listing

This map layer includes ferrous (ferrous metal mines are facilities that extract ferrous metals, such as iron ore or molybdenum) and nonferrous (Nonferrous metal mines are facilities that extract nonferrous metals, such as gold, silver, copper, zinc, and lead) metal mines in the United States.

Date of Government Version: 05/06/2020
Date Data Arrived at EDR: 05/27/2020
Date Made Active in Reports: 08/13/2020
Number of Days to Update: 78

Source: USGS
Telephone: 703-648-7709
Last EDR Contact: 11/25/2020
Next Scheduled EDR Contact: 03/08/2021
Data Release Frequency: Varies

US MINES 3: Active Mines & Mineral Plants Database Listing

Active Mines and Mineral Processing Plant operations for commodities monitored by the Minerals Information Team of the USGS.

Date of Government Version: 04/14/2011
Date Data Arrived at EDR: 06/08/2011
Date Made Active in Reports: 09/13/2011
Number of Days to Update: 97

Source: USGS
Telephone: 703-648-7709
Last EDR Contact: 11/25/2020
Next Scheduled EDR Contact: 03/08/2021
Data Release Frequency: Varies

ABANDONED MINES: Abandoned Mines

An inventory of land and water impacted by past mining (primarily coal mining) is maintained by OSMRE to provide information needed to implement the Surface Mining Control and Reclamation Act of 1977 (SMCRA). The inventory contains information on the location, type, and extent of AML impacts, as well as, information on the cost associated with the reclamation of those problems. The inventory is based upon field surveys by State, Tribal, and OSMRE program officials. It is dynamic to the extent that it is modified as new problems are identified and existing problems are reclaimed.

Date of Government Version: 09/16/2020
Date Data Arrived at EDR: 09/17/2020
Date Made Active in Reports: 12/10/2020
Number of Days to Update: 84

Source: Department of Interior
Telephone: 202-208-2609
Last EDR Contact: 12/10/2020
Next Scheduled EDR Contact: 03/22/2021
Data Release Frequency: Quarterly

FINDS: Facility Index System/Facility Registry System

Facility Index System. FINDS contains both facility information and 'pointers' to other sources that contain more detail. EDR includes the following FINDS databases in this report: PCS (Permit Compliance System), AIRS (Aerometric Information Retrieval System), DOCKET (Enforcement Docket used to manage and track information on civil judicial enforcement cases for all environmental statutes), FURS (Federal Underground Injection Control), C-DOCKET (Criminal Docket System used to track criminal enforcement actions for all environmental statutes), FFIS (Federal Facilities Information System), STATE (State Environmental Laws and Statutes), and PADS (PCB Activity Data System).

Date of Government Version: 09/04/2020
Date Data Arrived at EDR: 09/15/2020
Date Made Active in Reports: 11/20/2020
Number of Days to Update: 66

Source: EPA
Telephone: (415) 947-8000
Last EDR Contact: 12/01/2020
Next Scheduled EDR Contact: 03/15/2021
Data Release Frequency: Quarterly

UXO: Unexploded Ordnance Sites

A listing of unexploded ordnance site locations

Date of Government Version: 12/31/2018
Date Data Arrived at EDR: 07/02/2020
Date Made Active in Reports: 09/17/2020
Number of Days to Update: 77

Source: Department of Defense
Telephone: 703-704-1564
Last EDR Contact: 01/15/2021
Next Scheduled EDR Contact: 04/26/2021
Data Release Frequency: Varies

DOCKET HWC: Hazardous Waste Compliance Docket Listing
A complete list of the Federal Agency Hazardous Waste Compliance Docket Facilities.

Date of Government Version: 05/31/2018
Date Data Arrived at EDR: 07/26/2018
Date Made Active in Reports: 10/05/2018
Number of Days to Update: 71
Source: Environmental Protection Agency
Telephone: 202-564-0527
Last EDR Contact: 11/17/2020
Next Scheduled EDR Contact: 03/08/2021
Data Release Frequency: Varies

ECHO: Enforcement & Compliance History Information
ECHO provides integrated compliance and enforcement information for about 800,000 regulated facilities nationwide.

Date of Government Version: 10/03/2020
Date Data Arrived at EDR: 10/06/2020
Date Made Active in Reports: 01/04/2021
Number of Days to Update: 90
Source: Environmental Protection Agency
Telephone: 202-564-2280
Last EDR Contact: 01/08/2021
Next Scheduled EDR Contact: 04/19/2021
Data Release Frequency: Quarterly

FUELS PROGRAM: EPA Fuels Program Registered Listing
This listing includes facilities that are registered under the Part 80 (Code of Federal Regulations) EPA Fuels Programs. All companies now are required to submit new and updated registrations.

Date of Government Version: 08/17/2020
Date Data Arrived at EDR: 08/17/2020
Date Made Active in Reports: 10/21/2020
Number of Days to Update: 65
Source: EPA
Telephone: 800-385-6164
Last EDR Contact: 11/13/2020
Next Scheduled EDR Contact: 03/01/2021
Data Release Frequency: Quarterly

CA BOND EXP. PLAN: Bond Expenditure Plan
Department of Health Services developed a site-specific expenditure plan as the basis for an appropriation of Hazardous Substance Cleanup Bond Act funds. It is not updated.

Date of Government Version: 01/01/1989
Date Data Arrived at EDR: 07/27/1994
Date Made Active in Reports: 08/02/1994
Number of Days to Update: 6
Source: Department of Health Services
Telephone: 916-255-2118
Last EDR Contact: 05/31/1994
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

CORTESE: "Cortese" Hazardous Waste & Substances Sites List
The sites for the list are designated by the State Water Resource Control Board (LUST), the Integrated Waste Board (SWF/LS), and the Department of Toxic Substances Control (Cal-Sites).

Date of Government Version: 06/22/2020
Date Data Arrived at EDR: 06/22/2020
Date Made Active in Reports: 09/04/2020
Number of Days to Update: 74
Source: CAL EPA/Office of Emergency Information
Telephone: 916-323-3400
Last EDR Contact: 12/17/2020
Next Scheduled EDR Contact: 04/05/2021
Data Release Frequency: Quarterly

CUPA LIVERMORE-PLEASANTON: CUPA Facility Listing
list of facilities associated with the various CUPA programs in Livermore-Pleasanton

Date of Government Version: 05/01/2019
Date Data Arrived at EDR: 05/14/2019
Date Made Active in Reports: 07/17/2019
Number of Days to Update: 64
Source: Livermore-Pleasanton Fire Department
Telephone: 925-454-2361
Last EDR Contact: 11/13/2020
Next Scheduled EDR Contact: 02/22/2021
Data Release Frequency: Varies

DRYCLEAN AVAQMD: Antelope Valley Air Quality Management District Drycleaner Listing
A listing of dry cleaners in the Antelope Valley Air Quality Management District.

Date of Government Version: 08/25/2020
Date Data Arrived at EDR: 08/26/2020
Date Made Active in Reports: 11/13/2020
Number of Days to Update: 79

Source: Antelope Valley Air Quality Management District
Telephone: 661-723-8070
Last EDR Contact: 11/23/2020
Next Scheduled EDR Contact: 03/15/2021
Data Release Frequency: Varies

DRYCLEANERS: Cleaner Facilities

A list of drycleaner related facilities that have EPA ID numbers. These are facilities with certain SIC codes: power laundries, family and commercial; garment pressing and cleaner's agents; linen supply; coin-operated laundries and cleaning; drycleaning plants, except rugs; carpet and upholster cleaning; industrial launderers; laundry and garment services.

Date of Government Version: 08/06/2020
Date Data Arrived at EDR: 08/28/2020
Date Made Active in Reports: 11/17/2020
Number of Days to Update: 81

Source: Department of Toxic Substance Control
Telephone: 916-327-4498
Last EDR Contact: 11/23/2020
Next Scheduled EDR Contact: 03/15/2021
Data Release Frequency: Annually

DRYCLEAN SOUTH COAST: South Coast Air Quality Management District Drycleaner Listing

A listing of dry cleaners in the South Coast Air Quality Management District

Date of Government Version: 08/19/2020
Date Data Arrived at EDR: 08/21/2020
Date Made Active in Reports: 09/04/2020
Number of Days to Update: 14

Source: South Coast Air Quality Management District
Telephone: 909-396-3211
Last EDR Contact: 11/16/2020
Next Scheduled EDR Contact: 03/08/2021
Data Release Frequency: Varies

EMI: Emissions Inventory Data

Toxics and criteria pollutant emissions data collected by the ARB and local air pollution agencies.

Date of Government Version: 12/31/2018
Date Data Arrived at EDR: 06/16/2020
Date Made Active in Reports: 08/28/2020
Number of Days to Update: 73

Source: California Air Resources Board
Telephone: 916-322-2990
Last EDR Contact: 12/18/2020
Next Scheduled EDR Contact: 03/29/2021
Data Release Frequency: Varies

ENF: Enforcement Action Listing

A listing of Water Board Enforcement Actions. Formal is everything except Oral/Verbal Communication, Notice of Violation, Expedited Payment Letter, and Staff Enforcement Letter.

Date of Government Version: 10/16/2020
Date Data Arrived at EDR: 10/19/2020
Date Made Active in Reports: 01/07/2021
Number of Days to Update: 80

Source: State Water Resoruces Control Board
Telephone: 916-445-9379
Last EDR Contact: 10/19/2020
Next Scheduled EDR Contact: 02/01/2021
Data Release Frequency: Varies

Financial Assurance 1: Financial Assurance Information Listing

Financial Assurance information

Date of Government Version: 10/13/2020
Date Data Arrived at EDR: 10/14/2020
Date Made Active in Reports: 01/04/2021
Number of Days to Update: 82

Source: Department of Toxic Substances Control
Telephone: 916-255-3628
Last EDR Contact: 10/13/2020
Next Scheduled EDR Contact: 02/01/2021
Data Release Frequency: Varies

Financial Assurance 2: Financial Assurance Information Listing

A listing of financial assurance information for solid waste facilities. Financial assurance is intended to ensure that resources are available to pay for the cost of closure, post-closure care, and corrective measures if the owner or operator of a regulated facility is unable or unwilling to pay.

Date of Government Version: 08/05/2020
Date Data Arrived at EDR: 08/05/2020
Date Made Active in Reports: 10/23/2020
Number of Days to Update: 79

Source: California Integrated Waste Management Board
Telephone: 916-341-6066
Last EDR Contact: 11/04/2020
Next Scheduled EDR Contact: 02/22/2021
Data Release Frequency: Varies

HAZNET: Facility and Manifest Data

Facility and Manifest Data. The data is extracted from the copies of hazardous waste manifests received each year by the DTSC. The annual volume of manifests is typically 700,000 - 1,000,000 annually, representing approximately 350,000 - 500,000 shipments. Data are from the manifests submitted without correction, and therefore many contain some invalid values for data elements such as generator ID, TSD ID, waste category, and disposal method. This database begins with calendar year 1993.

Date of Government Version: 12/31/2019
Date Data Arrived at EDR: 04/15/2020
Date Made Active in Reports: 07/02/2020
Number of Days to Update: 78

Source: California Environmental Protection Agency
Telephone: 916-255-1136
Last EDR Contact: 01/05/2021
Next Scheduled EDR Contact: 04/19/2021
Data Release Frequency: Annually

ICE: ICE

Contains data pertaining to the Permitted Facilities with Inspections / Enforcements sites tracked in Envirostor.

Date of Government Version: 08/17/2020
Date Data Arrived at EDR: 08/17/2020
Date Made Active in Reports: 11/05/2020
Number of Days to Update: 80

Source: Department of Toxic Subsances Control
Telephone: 877-786-9427
Last EDR Contact: 11/13/2020
Next Scheduled EDR Contact: 03/01/2021
Data Release Frequency: Quarterly

HIST CORTESE: Hazardous Waste & Substance Site List

The sites for the list are designated by the State Water Resource Control Board [LUST], the Integrated Waste Board [SWF/LS], and the Department of Toxic Substances Control [CALSITES]. This listing is no longer updated by the state agency.

Date of Government Version: 04/01/2001
Date Data Arrived at EDR: 01/22/2009
Date Made Active in Reports: 04/08/2009
Number of Days to Update: 76

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 01/22/2009
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

HWP: EnviroStor Permitted Facilities Listing

Detailed information on permitted hazardous waste facilities and corrective action ("cleanups") tracked in EnviroStor.

Date of Government Version: 08/17/2020
Date Data Arrived at EDR: 08/17/2020
Date Made Active in Reports: 11/05/2020
Number of Days to Update: 80

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 11/13/2020
Next Scheduled EDR Contact: 03/01/2021
Data Release Frequency: Quarterly

HWT: Registered Hazardous Waste Transporter Database

A listing of hazardous waste transporters. In California, unless specifically exempted, it is unlawful for any person to transport hazardous wastes unless the person holds a valid registration issued by DTSC. A hazardous waste transporter registration is valid for one year and is assigned a unique registration number.

Date of Government Version: 10/05/2020
Date Data Arrived at EDR: 10/06/2020
Date Made Active in Reports: 12/23/2020
Number of Days to Update: 78

Source: Department of Toxic Substances Control
Telephone: 916-440-7145
Last EDR Contact: 01/05/2021
Next Scheduled EDR Contact: 04/19/2021
Data Release Frequency: Quarterly

MINES: Mines Site Location Listing
A listing of mine site locations from the Office of Mine Reclamation.

Date of Government Version: 09/08/2020
Date Data Arrived at EDR: 09/08/2020
Date Made Active in Reports: 11/30/2020
Number of Days to Update: 83
Source: Department of Conservation
Telephone: 916-322-1080
Last EDR Contact: 12/08/2020
Next Scheduled EDR Contact: 03/22/2021
Data Release Frequency: Quarterly

MWMP: Medical Waste Management Program Listing
The Medical Waste Management Program (MWMP) ensures the proper handling and disposal of medical waste by permitting and inspecting medical waste Offsite Treatment Facilities (PDF) and Transfer Stations (PDF) throughout the state. MWMP also oversees all Medical Waste Transporters.

Date of Government Version: 08/31/2020
Date Data Arrived at EDR: 08/31/2020
Date Made Active in Reports: 11/20/2020
Number of Days to Update: 81
Source: Department of Public Health
Telephone: 916-558-1784
Last EDR Contact: 12/01/2020
Next Scheduled EDR Contact: 03/15/2021
Data Release Frequency: Varies

NPDES: NPDES Permits Listing
A listing of NPDES permits, including stormwater.

Date of Government Version: 08/10/2020
Date Data Arrived at EDR: 08/10/2020
Date Made Active in Reports: 10/29/2020
Number of Days to Update: 80
Source: State Water Resources Control Board
Telephone: 916-445-9379
Last EDR Contact: 11/09/2020
Next Scheduled EDR Contact: 02/22/2021
Data Release Frequency: Quarterly

PEST LIC: Pesticide Regulation Licenses Listing
A listing of licenses and certificates issued by the Department of Pesticide Regulation. The DPR issues licenses and/or certificates to: Persons and businesses that apply or sell pesticides; Pest control dealers and brokers; Persons who advise on agricultural pesticide applications.

Date of Government Version: 08/31/2020
Date Data Arrived at EDR: 08/31/2020
Date Made Active in Reports: 11/20/2020
Number of Days to Update: 81
Source: Department of Pesticide Regulation
Telephone: 916-445-4038
Last EDR Contact: 12/01/2020
Next Scheduled EDR Contact: 03/15/2021
Data Release Frequency: Quarterly

PROC: Certified Processors Database
A listing of certified processors.

Date of Government Version: 09/08/2020
Date Data Arrived at EDR: 09/08/2020
Date Made Active in Reports: 12/01/2020
Number of Days to Update: 84
Source: Department of Conservation
Telephone: 916-323-3836
Last EDR Contact: 12/08/2020
Next Scheduled EDR Contact: 03/22/2021
Data Release Frequency: Quarterly

NOTIFY 65: Proposition 65 Records
Listings of all Proposition 65 incidents reported to counties by the State Water Resources Control Board and the Regional Water Quality Control Board. This database is no longer updated by the reporting agency.

Date of Government Version: 12/07/2020
Date Data Arrived at EDR: 12/09/2020
Date Made Active in Reports: 12/10/2020
Number of Days to Update: 1
Source: State Water Resources Control Board
Telephone: 916-445-3846
Last EDR Contact: 12/07/2020
Next Scheduled EDR Contact: 03/29/2021
Data Release Frequency: No Update Planned

UIC: UIC Listing
A listing of wells identified as underground injection wells, in the California Oil and Gas Wells database.

Date of Government Version: 09/08/2020
Date Data Arrived at EDR: 09/08/2020
Date Made Active in Reports: 12/01/2020
Number of Days to Update: 84
Source: Deaprtment of Conservation
Telephone: 916-445-2408
Last EDR Contact: 12/08/2020
Next Scheduled EDR Contact: 03/22/2021
Data Release Frequency: Varies

UIC GEO: Underground Injection Control Sites (GEOTRACKER)
Underground control injection sites

Date of Government Version: 09/08/2020
Date Data Arrived at EDR: 09/08/2020
Date Made Active in Reports: 11/30/2020
Number of Days to Update: 83
Source: State Water Resource Control Board
Telephone: 866-480-1028
Last EDR Contact: 12/04/2020
Next Scheduled EDR Contact: 03/22/2021
Data Release Frequency: Varies

WASTEWATER PITS: Oil Wastewater Pits Listing
Water officials discovered that oil producers have been dumping chemical-laden wastewater into hundreds of unlined pits that are operating without proper permits. Inspections completed by the Central Valley Regional Water Quality Control Board revealed the existence of previously unidentified waste sites. The water boards review found that more than one-third of the region's active disposal pits are operating without permission.

Date of Government Version: 11/19/2019
Date Data Arrived at EDR: 01/07/2020
Date Made Active in Reports: 03/09/2020
Number of Days to Update: 62
Source: RWQCB, Central Valley Region
Telephone: 559-445-5577
Last EDR Contact: 01/08/2021
Next Scheduled EDR Contact: 04/19/2021
Data Release Frequency: Varies

WDS: Waste Discharge System
Sites which have been issued waste discharge requirements.

Date of Government Version: 06/19/2007
Date Data Arrived at EDR: 06/20/2007
Date Made Active in Reports: 06/29/2007
Number of Days to Update: 9
Source: State Water Resources Control Board
Telephone: 916-341-5227
Last EDR Contact: 11/13/2020
Next Scheduled EDR Contact: 03/01/2021
Data Release Frequency: No Update Planned

WIP: Well Investigation Program Case List
Well Investigation Program case in the San Gabriel and San Fernando Valley area.

Date of Government Version: 07/03/2009
Date Data Arrived at EDR: 07/21/2009
Date Made Active in Reports: 08/03/2009
Number of Days to Update: 13
Source: Los Angeles Water Quality Control Board
Telephone: 213-576-6726
Last EDR Contact: 12/15/2020
Next Scheduled EDR Contact: 04/05/2021
Data Release Frequency: No Update Planned

MILITARY PRIV SITES: Military Privatized Sites (GEOTRACKER)
Military privatized sites

Date of Government Version: 09/08/2020
Date Data Arrived at EDR: 09/08/2020
Date Made Active in Reports: 11/30/2020
Number of Days to Update: 83
Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 12/04/2020
Next Scheduled EDR Contact: 03/22/2021
Data Release Frequency: Varies

PROJECT: Project Sites (GEOTRACKER)
Projects sites

Date of Government Version: 09/08/2020
Date Data Arrived at EDR: 09/08/2020
Date Made Active in Reports: 11/30/2020
Number of Days to Update: 83

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 12/04/2020
Next Scheduled EDR Contact: 03/22/2021
Data Release Frequency: Varies

WDR: Waste Discharge Requirements Listing

In general, the Waste Discharge Requirements (WDRs) Program (sometimes also referred to as the "Non Chapter 15 (Non 15) Program") regulates point discharges that are exempt pursuant to Subsection 20090 of Title 27 and not subject to the Federal Water Pollution Control Act. Exemptions from Title 27 may be granted for nine categories of discharges (e.g., sewage, wastewater, etc.) that meet, and continue to meet, the preconditions listed for each specific exemption. The scope of the WDRs Program also includes the discharge of wastes classified as inert, pursuant to section 20230 of Title 27.

Date of Government Version: 09/08/2020
Date Data Arrived at EDR: 09/08/2020
Date Made Active in Reports: 12/01/2020
Number of Days to Update: 84

Source: State Water Resources Control Board
Telephone: 916-341-5810
Last EDR Contact: 12/08/2020
Next Scheduled EDR Contact: 03/22/2021
Data Release Frequency: Quarterly

CIWQS: California Integrated Water Quality System

The California Integrated Water Quality System (CIWQS) is a computer system used by the State and Regional Water Quality Control Boards to track information about places of environmental interest, manage permits and other orders, track inspections, and manage violations and enforcement activities.

Date of Government Version: 08/31/2020
Date Data Arrived at EDR: 08/31/2020
Date Made Active in Reports: 11/20/2020
Number of Days to Update: 81

Source: State Water Resources Control Board
Telephone: 866-794-4977
Last EDR Contact: 12/01/2020
Next Scheduled EDR Contact: 03/01/2021
Data Release Frequency: Varies

CERS: CalEPA Regulated Site Portal Data

The CalEPA Regulated Site Portal database combines data about environmentally regulated sites and facilities in California into a single database. It combines data from a variety of state and federal databases, and provides an overview of regulated activities across the spectrum of environmental programs for any given location in California. These activities include hazardous materials and waste, state and federal cleanups, impacted ground and surface waters, and toxic materials

Date of Government Version: 10/19/2020
Date Data Arrived at EDR: 10/19/2020
Date Made Active in Reports: 01/07/2021
Number of Days to Update: 80

Source: California Environmental Protection Agency
Telephone: 916-323-2514
Last EDR Contact: 10/19/2020
Next Scheduled EDR Contact: 02/01/2021
Data Release Frequency: Varies

NON-CASE INFO: Non-Case Information Sites (GEOTRACKER)

Non-Case Information sites

Date of Government Version: 09/08/2020
Date Data Arrived at EDR: 09/08/2020
Date Made Active in Reports: 11/30/2020
Number of Days to Update: 83

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 12/04/2020
Next Scheduled EDR Contact: 03/22/2021
Data Release Frequency: Varies

OTHER OIL GAS: Other Oil & Gas Projects Sites (GEOTRACKER)

Other Oil & Gas Projects sites

Date of Government Version: 09/08/2020
Date Data Arrived at EDR: 09/08/2020
Date Made Active in Reports: 11/30/2020
Number of Days to Update: 83

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 12/04/2020
Next Scheduled EDR Contact: 03/22/2021
Data Release Frequency: Varies

PROD WATER PONDS: Produced Water Ponds Sites (GEOTRACKER)
Produced water ponds sites

Date of Government Version: 09/08/2020
Date Data Arrived at EDR: 09/08/2020
Date Made Active in Reports: 11/30/2020
Number of Days to Update: 83
Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 12/04/2020
Next Scheduled EDR Contact: 03/22/2021
Data Release Frequency: Varies

SAMPLING POINT: Sampling Point ? Public Sites (GEOTRACKER)
Sampling point - public sites

Date of Government Version: 09/08/2020
Date Data Arrived at EDR: 09/08/2020
Date Made Active in Reports: 11/30/2020
Number of Days to Update: 83
Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 12/04/2020
Next Scheduled EDR Contact: 03/22/2021
Data Release Frequency: Varies

WELL STIM PROJ: Well Stimulation Project (GEOTRACKER)
Includes areas of groundwater monitoring plans, a depiction of the monitoring network, and the facilities, boundaries, and subsurface characteristics of the oilfield and the features (oil and gas wells, produced water ponds, UIC wells, water supply wells, etc?) being monitored

Date of Government Version: 09/08/2020
Date Data Arrived at EDR: 09/08/2020
Date Made Active in Reports: 11/30/2020
Number of Days to Update: 83
Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 12/04/2020
Next Scheduled EDR Contact: 03/22/2021
Data Release Frequency: Varies

PCS INACTIVE: Listing of Inactive PCS Permits
An inactive permit is a facility that has shut down or is no longer discharging.

Date of Government Version: 11/05/2014
Date Data Arrived at EDR: 01/06/2015
Date Made Active in Reports: 05/06/2015
Number of Days to Update: 120
Source: EPA
Telephone: 202-564-2496
Last EDR Contact: 01/04/2021
Next Scheduled EDR Contact: 04/19/2021
Data Release Frequency: Semi-Annually

PCS: Permit Compliance System
PCS is a computerized management information system that contains data on National Pollutant Discharge Elimination System (NPDES) permit holding facilities. PCS tracks the permit, compliance, and enforcement status of NPDES facilities.

Date of Government Version: 07/14/2011
Date Data Arrived at EDR: 08/05/2011
Date Made Active in Reports: 09/29/2011
Number of Days to Update: 55
Source: EPA, Office of Water
Telephone: 202-564-2496
Last EDR Contact: 01/04/2021
Next Scheduled EDR Contact: 04/19/2021
Data Release Frequency: Semi-Annually

HWTS: Hazardous Waste Tracking System
DTSC maintains the Hazardous Waste Tracking System that stores ID number information since the early 1980s and manifest data since 1993. The system collects both manifest copies from the generator and destination facility.

Date of Government Version: 10/13/2020
Date Data Arrived at EDR: 10/14/2020
Date Made Active in Reports: 11/03/2020
Number of Days to Update: 20
Source: Department of Toxic Substances Control
Telephone: 916-324-2444
Last EDR Contact: 01/04/2021
Next Scheduled EDR Contact: 04/19/2021
Data Release Frequency: Varies

MINES MRDS: Mineral Resources Data System
Mineral Resources Data System

Date of Government Version: 04/06/2018
Date Data Arrived at EDR: 10/21/2019
Date Made Active in Reports: 10/24/2019
Number of Days to Update: 3

Source: USGS
Telephone: 703-648-6533
Last EDR Contact: 11/25/2020
Next Scheduled EDR Contact: 03/08/2021
Data Release Frequency: Varies

PCS ENF: Enforcement data
No description is available for this data

Date of Government Version: 12/31/2014
Date Data Arrived at EDR: 02/05/2015
Date Made Active in Reports: 03/06/2015
Number of Days to Update: 29

Source: EPA
Telephone: 202-564-2497
Last EDR Contact: 12/30/2020
Next Scheduled EDR Contact: 04/19/2021
Data Release Frequency: Varies

EDR HIGH RISK HISTORICAL RECORDS

EDR Exclusive Records

EDR MGP: EDR Proprietary Manufactured Gas Plants
The EDR Proprietary Manufactured Gas Plant Database includes records of coal gas plants (manufactured gas plants) compiled by EDR's researchers. Manufactured gas sites were used in the United States from the 1800's to 1950's to produce a gas that could be distributed and used as fuel. These plants used whale oil, rosin, coal, or a mixture of coal, oil, and water that also produced a significant amount of waste. Many of the byproducts of the gas production, such as coal tar (oily waste containing volatile and non-volatile chemicals), sludges, oils and other compounds are potentially hazardous to human health and the environment. The byproduct from this process was frequently disposed of directly at the plant site and can remain or spread slowly, serving as a continuous source of soil and groundwater contamination.

Date of Government Version: N/A
Date Data Arrived at EDR: N/A
Date Made Active in Reports: N/A
Number of Days to Update: N/A

Source: EDR, Inc.
Telephone: N/A
Last EDR Contact: N/A
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

EDR Hist Auto: EDR Exclusive Historical Auto Stations
EDR has searched selected national collections of business directories and has collected listings of potential gas station/filling station/service station sites that were available to EDR researchers. EDR's review was limited to those categories of sources that might, in EDR's opinion, include gas station/filling station/service station establishments. The categories reviewed included, but were not limited to gas, gas station, gasoline station, filling station, auto, automobile repair, auto service station, service station, etc. This database falls within a category of information EDR classifies as "High Risk Historical Records", or HRHR. EDR's HRHR effort presents unique and sometimes proprietary data about past sites and operations that typically create environmental concerns, but may not show up in current government records searches.

Date of Government Version: N/A
Date Data Arrived at EDR: N/A
Date Made Active in Reports: N/A
Number of Days to Update: N/A

Source: EDR, Inc.
Telephone: N/A
Last EDR Contact: N/A
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

EDR Hist Cleaner: EDR Exclusive Historical Cleaners
EDR has searched selected national collections of business directories and has collected listings of potential dry cleaner sites that were available to EDR researchers. EDR's review was limited to those categories of sources that might, in EDR's opinion, include dry cleaning establishments. The categories reviewed included, but were not limited to dry cleaners, cleaners, laundry, laundromat, cleaning/laundry, wash & dry etc. This database falls within a category of information EDR classifies as "High Risk Historical Records", or HRHR. EDR's HRHR effort presents unique and sometimes proprietary data about past sites and operations that typically create environmental concerns, but may not show up in current government records searches.

Date of Government Version: N/A
Date Data Arrived at EDR: N/A
Date Made Active in Reports: N/A
Number of Days to Update: N/A

Source: EDR, Inc.
Telephone: N/A
Last EDR Contact: N/A
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

EDR RECOVERED GOVERNMENT ARCHIVES

Exclusive Recovered Govt. Archives

RGA LF: Recovered Government Archive Solid Waste Facilities List

The EDR Recovered Government Archive Landfill database provides a list of landfills derived from historical databases and includes many records that no longer appear in current government lists. Compiled from Records formerly available from the Department of Resources Recycling and Recovery in California.

Date of Government Version: N/A
Date Data Arrived at EDR: 07/01/2013
Date Made Active in Reports: 01/13/2014
Number of Days to Update: 196

Source: Department of Resources Recycling and Recovery
Telephone: N/A
Last EDR Contact: 06/01/2012
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

RGA LUST: Recovered Government Archive Leaking Underground Storage Tank

The EDR Recovered Government Archive Leaking Underground Storage Tank database provides a list of LUST incidents derived from historical databases and includes many records that no longer appear in current government lists. Compiled from Records formerly available from the State Water Resources Control Board in California.

Date of Government Version: N/A
Date Data Arrived at EDR: 07/01/2013
Date Made Active in Reports: 12/30/2013
Number of Days to Update: 182

Source: State Water Resources Control Board
Telephone: N/A
Last EDR Contact: 06/01/2012
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

COUNTY RECORDS

ALAMEDA COUNTY:

CS ALAMEDA: Contaminated Sites

A listing of contaminated sites overseen by the Toxic Release Program (oil and groundwater contamination from chemical releases and spills) and the Leaking Underground Storage Tank Program (soil and ground water contamination from leaking petroleum USTs).

Date of Government Version: 01/09/2019
Date Data Arrived at EDR: 01/11/2019
Date Made Active in Reports: 03/05/2019
Number of Days to Update: 53

Source: Alameda County Environmental Health Services
Telephone: 510-567-6700
Last EDR Contact: 01/04/2021
Next Scheduled EDR Contact: 04/19/2021
Data Release Frequency: Semi-Annually

UST ALAMEDA: Underground Tanks

Underground storage tank sites located in Alameda county.

Date of Government Version: 10/01/2020
Date Data Arrived at EDR: 10/06/2020
Date Made Active in Reports: 12/23/2020
Number of Days to Update: 78

Source: Alameda County Environmental Health Services
Telephone: 510-567-6700
Last EDR Contact: 01/04/2021
Next Scheduled EDR Contact: 04/19/2021
Data Release Frequency: Semi-Annually

AMADOR COUNTY:

CUPA AMADOR: CUPA Facility List
Cupa Facility List

Date of Government Version: 10/19/2020
Date Data Arrived at EDR: 10/22/2020
Date Made Active in Reports: 01/12/2021
Number of Days to Update: 82

Source: Amador County Environmental Health
Telephone: 209-223-6439
Last EDR Contact: 10/19/2020
Next Scheduled EDR Contact: 02/15/2021
Data Release Frequency: Varies

BUTTE COUNTY:

CUPA BUTTE: CUPA Facility Listing
Cupa facility list.

Date of Government Version: 04/21/2017
Date Data Arrived at EDR: 04/25/2017
Date Made Active in Reports: 08/09/2017
Number of Days to Update: 106

Source: Public Health Department
Telephone: 530-538-7149
Last EDR Contact: 12/30/2020
Next Scheduled EDR Contact: 04/19/2021
Data Release Frequency: No Update Planned

CALVERAS COUNTY:

CUPA CALVERAS: CUPA Facility Listing
Cupa Facility Listing

Date of Government Version: 12/15/2020
Date Data Arrived at EDR: 12/16/2020
Date Made Active in Reports: 12/24/2020
Number of Days to Update: 8

Source: Calveras County Environmental Health
Telephone: 209-754-6399
Last EDR Contact: 12/15/2020
Next Scheduled EDR Contact: 04/05/2021
Data Release Frequency: Quarterly

COLUSA COUNTY:

CUPA COLUSA: CUPA Facility List
Cupa facility list.

Date of Government Version: 04/06/2020
Date Data Arrived at EDR: 04/23/2020
Date Made Active in Reports: 07/10/2020
Number of Days to Update: 78

Source: Health & Human Services
Telephone: 530-458-0396
Last EDR Contact: 10/28/2020
Next Scheduled EDR Contact: 02/15/2021
Data Release Frequency: Semi-Annually

CONTRA COSTA COUNTY:

SL CONTRA COSTA: Site List
List includes sites from the underground tank, hazardous waste generator and business plan/2185 programs.

Date of Government Version: 10/19/2020
Date Data Arrived at EDR: 10/22/2020
Date Made Active in Reports: 01/13/2021
Number of Days to Update: 83

Source: Contra Costa Health Services Department
Telephone: 925-646-2286
Last EDR Contact: 10/20/2020
Next Scheduled EDR Contact: 02/08/2021
Data Release Frequency: Semi-Annually

DEL NORTE COUNTY:

CUPA DEL NORTE: CUPA Facility List
Cupa Facility list

Date of Government Version: 06/08/2020
Date Data Arrived at EDR: 08/13/2020
Date Made Active in Reports: 10/22/2020
Number of Days to Update: 70

Source: Del Norte County Environmental Health Division
Telephone: 707-465-0426
Last EDR Contact: 10/20/2020
Next Scheduled EDR Contact: 02/08/2021
Data Release Frequency: Varies

EL DORADO COUNTY:

CUPA EL DORADO: CUPA Facility List
CUPA facility list.

Date of Government Version: 08/13/2020
Date Data Arrived at EDR: 08/13/2020
Date Made Active in Reports: 10/22/2020
Number of Days to Update: 70

Source: El Dorado County Environmental Management Department
Telephone: 530-621-6623
Last EDR Contact: 10/20/2020
Next Scheduled EDR Contact: 02/08/2021
Data Release Frequency: Varies

FRESNO COUNTY:

CUPA FRESNO: CUPA Resources List
Certified Unified Program Agency. CUPA's are responsible for implementing a unified hazardous materials and hazardous waste management regulatory program. The agency provides oversight of businesses that deal with hazardous materials, operate underground storage tanks or aboveground storage tanks.

Date of Government Version: 10/02/2020
Date Data Arrived at EDR: 10/06/2020
Date Made Active in Reports: 12/22/2020
Number of Days to Update: 77

Source: Dept. of Community Health
Telephone: 559-445-3271
Last EDR Contact: 01/15/2021
Next Scheduled EDR Contact: 04/12/2021
Data Release Frequency: Semi-Annually

GLENN COUNTY:

CUPA GLENN: CUPA Facility List
Cupa facility list

Date of Government Version: 01/22/2018
Date Data Arrived at EDR: 01/24/2018
Date Made Active in Reports: 03/14/2018
Number of Days to Update: 49

Source: Glenn County Air Pollution Control District
Telephone: 830-934-6500
Last EDR Contact: 10/13/2020
Next Scheduled EDR Contact: 02/01/2021
Data Release Frequency: No Update Planned

HUMBOLDT COUNTY:

CUPA HUMBOLDT: CUPA Facility List
CUPA facility list.

Date of Government Version: 08/13/2020
Date Data Arrived at EDR: 08/17/2020
Date Made Active in Reports: 11/05/2020
Number of Days to Update: 80

Source: Humboldt County Environmental Health
Telephone: N/A
Last EDR Contact: 11/11/2020
Next Scheduled EDR Contact: 03/01/2021
Data Release Frequency: Semi-Annually

IMPERIAL COUNTY:

CUPA IMPERIAL: CUPA Facility List
Cupa facility list.

Date of Government Version: 10/14/2020
Date Data Arrived at EDR: 10/15/2020
Date Made Active in Reports: 01/05/2021
Number of Days to Update: 82

Source: San Diego Border Field Office
Telephone: 760-339-2777
Last EDR Contact: 10/13/2020
Next Scheduled EDR Contact: 02/01/2021
Data Release Frequency: Varies

INYO COUNTY:

CUPA INYO: CUPA Facility List
Cupa facility list.

Date of Government Version: 04/02/2018
Date Data Arrived at EDR: 04/03/2018
Date Made Active in Reports: 06/14/2018
Number of Days to Update: 72

Source: Inyo County Environmental Health Services
Telephone: 760-878-0238
Last EDR Contact: 11/11/2020
Next Scheduled EDR Contact: 03/01/2021
Data Release Frequency: Varies

KERN COUNTY:

CUPA KERN: CUPA Facility List
A listing of sites included in the Kern County Hazardous Material Business Plan.

Date of Government Version: 10/29/2020
Date Data Arrived at EDR: 10/30/2020
Date Made Active in Reports: 01/15/2021
Number of Days to Update: 77

Source: Kern County Public Health
Telephone: 661-321-3000
Last EDR Contact: 01/15/2021
Next Scheduled EDR Contact: 02/15/2021
Data Release Frequency: Varies

UST KERN: Underground Storage Tank Sites & Tank Listing
Kern County Sites and Tanks Listing.

Date of Government Version: 07/28/2020
Date Data Arrived at EDR: 07/30/2020
Date Made Active in Reports: 10/14/2020
Number of Days to Update: 76

Source: Kern County Environment Health Services Department
Telephone: 661-862-8700
Last EDR Contact: 10/28/2020
Next Scheduled EDR Contact: 02/15/2021
Data Release Frequency: Quarterly

KINGS COUNTY:

CUPA KINGS: CUPA Facility List
A listing of sites included in the county's Certified Unified Program Agency database. California's Secretary for Environmental Protection established the unified hazardous materials and hazardous waste regulatory program as required by chapter 6.11 of the California Health and Safety Code. The Unified Program consolidates the administration, permits, inspections, and enforcement activities.

Date of Government Version: 05/11/2020
Date Data Arrived at EDR: 05/12/2020
Date Made Active in Reports: 07/27/2020
Number of Days to Update: 76

Source: Kings County Department of Public Health
Telephone: 559-584-1411
Last EDR Contact: 12/15/2020
Next Scheduled EDR Contact: 03/01/2021
Data Release Frequency: Varies

LAKE COUNTY:

CUPA LAKE: CUPA Facility List
Cupa facility list

Date of Government Version: 08/13/2020
Date Data Arrived at EDR: 08/13/2020
Date Made Active in Reports: 10/23/2020
Number of Days to Update: 71

Source: Lake County Environmental Health
Telephone: 707-263-1164
Last EDR Contact: 01/11/2021
Next Scheduled EDR Contact: 04/26/2021
Data Release Frequency: Varies

LASSEN COUNTY:

CUPA LASSEN: CUPA Facility List
Cupa facility list

Date of Government Version: 07/31/2020
Date Data Arrived at EDR: 08/21/2020
Date Made Active in Reports: 11/09/2020
Number of Days to Update: 80

Source: Lassen County Environmental Health
Telephone: 530-251-8528
Last EDR Contact: 10/13/2020
Next Scheduled EDR Contact: 02/01/2021
Data Release Frequency: Varies

LOS ANGELES COUNTY:

AOCONCERN: Key Areas of Concerns in Los Angeles County
San Gabriel Valley areas where VOC contamination is at or above the MCL as designated by region 9 EPA office. Date of Government Version: 3/30/2009 Exide Site area is a cleanup plan of lead-impacted soil surrounding the former Exide Facility as designated by the DTSC. Date of Government Version: 7/17/2017

Date of Government Version: 03/30/2009
Date Data Arrived at EDR: 03/31/2009
Date Made Active in Reports: 10/23/2009
Number of Days to Update: 206

Source: N/A
Telephone: N/A
Last EDR Contact: 12/09/2020
Next Scheduled EDR Contact: 03/29/2021
Data Release Frequency: No Update Planned

HMS LOS ANGELES: HMS: Street Number List
Industrial Waste and Underground Storage Tank Sites.

Date of Government Version: 10/19/2020
Date Data Arrived at EDR: 10/20/2020
Date Made Active in Reports: 01/12/2021
Number of Days to Update: 84

Source: Department of Public Works
Telephone: 626-458-3517
Last EDR Contact: 01/04/2021
Next Scheduled EDR Contact: 04/19/2021
Data Release Frequency: Semi-Annually

LF LOS ANGELES: List of Solid Waste Facilities
Solid Waste Facilities in Los Angeles County.

Date of Government Version: 10/09/2020
Date Data Arrived at EDR: 10/09/2020
Date Made Active in Reports: 12/29/2020
Number of Days to Update: 81

Source: La County Department of Public Works
Telephone: 818-458-5185
Last EDR Contact: 01/12/2021
Next Scheduled EDR Contact: 04/26/2021
Data Release Frequency: Varies

LF LOS ANGELES CITY: City of Los Angeles Landfills
Landfills owned and maintained by the City of Los Angeles.

Date of Government Version: 12/31/2019
Date Data Arrived at EDR: 08/17/2020
Date Made Active in Reports: 11/05/2020
Number of Days to Update: 80

Source: Engineering & Construction Division
Telephone: 213-473-7869
Last EDR Contact: 01/11/2021
Next Scheduled EDR Contact: 04/26/2021
Data Release Frequency: Varies

LOS ANGELES AST: Active & Inactive AST Inventory
A listing of active & inactive above ground petroleum storage tank site locations, located in the City of Los Angeles.

Date of Government Version: 06/01/2019
Date Data Arrived at EDR: 06/25/2019
Date Made Active in Reports: 08/22/2019
Number of Days to Update: 58
Source: Los Angeles Fire Department
Telephone: 213-978-3800
Last EDR Contact: 12/18/2020
Next Scheduled EDR Contact: 04/05/2021
Data Release Frequency: Varies

LOS ANGELES CO LF METHANE: Methane Producing Landfills
This data was created on April 30, 2012 to represent known disposal sites in Los Angeles County that may produce and emanate methane gas. The shapefile contains disposal sites within Los Angeles County that once accepted degradable refuse material. Information used to create this data was extracted from a landfill survey performed by County Engineers (Major Waste System Map, 1973) as well as historical records from CalRecycle, Regional Water Quality Control Board, and Los Angeles County Department of Public Health

Date of Government Version: 04/30/2012
Date Data Arrived at EDR: 04/17/2019
Date Made Active in Reports: 05/29/2019
Number of Days to Update: 42
Source: Los Angeles County Department of Public Works
Telephone: 626-458-6973
Last EDR Contact: 01/15/2021
Next Scheduled EDR Contact: 04/26/2021
Data Release Frequency: No Update Planned

LOS ANGELES HM: Active & Inactive Hazardous Materials Inventory
A listing of active & inactive hazardous materials facility locations, located in the City of Los Angeles.

Date of Government Version: 06/01/2019
Date Data Arrived at EDR: 06/25/2019
Date Made Active in Reports: 08/22/2019
Number of Days to Update: 58
Source: Los Angeles Fire Department
Telephone: 213-978-3800
Last EDR Contact: 12/18/2020
Next Scheduled EDR Contact: 04/05/2021
Data Release Frequency: Varies

LOS ANGELES UST: Active & Inactive UST Inventory
A listing of active & inactive underground storage tank site locations and underground storage tank historical sites, located in the City of Los Angeles.

Date of Government Version: 06/01/2019
Date Data Arrived at EDR: 06/25/2019
Date Made Active in Reports: 08/22/2019
Number of Days to Update: 58
Source: Los Angeles Fire Department
Telephone: 213-978-3800
Last EDR Contact: 12/18/2020
Next Scheduled EDR Contact: 04/05/2021
Data Release Frequency: Varies

SITE MIT LOS ANGELES: Site Mitigation List
Industrial sites that have had some sort of spill or complaint.

Date of Government Version: 07/20/2020
Date Data Arrived at EDR: 10/09/2020
Date Made Active in Reports: 12/29/2020
Number of Days to Update: 81
Source: Community Health Services
Telephone: 323-890-7806
Last EDR Contact: 01/12/2021
Next Scheduled EDR Contact: 04/26/2021
Data Release Frequency: Annually

UST EL SEGUNDO: City of El Segundo Underground Storage Tank
Underground storage tank sites located in El Segundo city.

Date of Government Version: 01/21/2017
Date Data Arrived at EDR: 04/19/2017
Date Made Active in Reports: 05/10/2017
Number of Days to Update: 21
Source: City of El Segundo Fire Department
Telephone: 310-524-2236
Last EDR Contact: 10/07/2020
Next Scheduled EDR Contact: 01/25/2021
Data Release Frequency: No Update Planned

UST LONG BEACH: City of Long Beach Underground Storage Tank
Underground storage tank sites located in the city of Long Beach.

Date of Government Version: 04/22/2019
Date Data Arrived at EDR: 04/23/2019
Date Made Active in Reports: 06/27/2019
Number of Days to Update: 65

Source: City of Long Beach Fire Department
Telephone: 562-570-2563
Last EDR Contact: 10/13/2020
Next Scheduled EDR Contact: 02/01/2021
Data Release Frequency: Varies

UST TORRANCE: City of Torrance Underground Storage Tank
Underground storage tank sites located in the city of Torrance.

Date of Government Version: 09/11/2020
Date Data Arrived at EDR: 10/07/2020
Date Made Active in Reports: 12/23/2020
Number of Days to Update: 77

Source: City of Torrance Fire Department
Telephone: 310-618-2973
Last EDR Contact: 10/05/2020
Next Scheduled EDR Contact: 02/01/2021
Data Release Frequency: Semi-Annually

MADERA COUNTY:

CUPA MADERA: CUPA Facility List
A listing of sites included in the county's Certified Unified Program Agency database. California's Secretary for Environmental Protection established the unified hazardous materials and hazardous waste regulatory program as required by chapter 6.11 of the California Health and Safety Code. The Unified Program consolidates the administration, permits, inspections, and enforcement activities.

Date of Government Version: 08/10/2020
Date Data Arrived at EDR: 08/12/2020
Date Made Active in Reports: 10/23/2020
Number of Days to Update: 72

Source: Madera County Environmental Health
Telephone: 559-675-7823
Last EDR Contact: 11/11/2020
Next Scheduled EDR Contact: 03/01/2021
Data Release Frequency: Varies

MARIN COUNTY:

UST MARIN: Underground Storage Tank Sites
Currently permitted USTs in Marin County.

Date of Government Version: 09/26/2018
Date Data Arrived at EDR: 10/04/2018
Date Made Active in Reports: 11/02/2018
Number of Days to Update: 29

Source: Public Works Department Waste Management
Telephone: 415-473-6647
Last EDR Contact: 12/21/2020
Next Scheduled EDR Contact: 04/12/2021
Data Release Frequency: Semi-Annually

MERCED COUNTY:

CUPA MERCED: CUPA Facility List
CUPA facility list.

Date of Government Version: 07/28/2020
Date Data Arrived at EDR: 07/30/2020
Date Made Active in Reports: 07/31/2020
Number of Days to Update: 1

Source: Merced County Environmental Health
Telephone: 209-381-1094
Last EDR Contact: 11/11/2020
Next Scheduled EDR Contact: 03/01/2021
Data Release Frequency: Varies

MONO COUNTY:

CUPA MONO: CUPA Facility List
CUPA Facility List

Date of Government Version: 08/20/2020
Date Data Arrived at EDR: 08/24/2020
Date Made Active in Reports: 11/09/2020
Number of Days to Update: 77

Source: Mono County Health Department
Telephone: 760-932-5580
Last EDR Contact: 11/15/2020
Next Scheduled EDR Contact: 03/08/3021
Data Release Frequency: Varies

MONTEREY COUNTY:

CUPA MONTEREY: CUPA Facility Listing
CUPA Program listing from the Environmental Health Division.

Date of Government Version: 07/13/2020
Date Data Arrived at EDR: 07/15/2020
Date Made Active in Reports: 07/31/2020
Number of Days to Update: 16

Source: Monterey County Health Department
Telephone: 831-796-1297
Last EDR Contact: 12/21/2020
Next Scheduled EDR Contact: 04/12/2021
Data Release Frequency: Varies

NAPA COUNTY:

LUST NAPA: Sites With Reported Contamination
A listing of leaking underground storage tank sites located in Napa county.

Date of Government Version: 01/09/2017
Date Data Arrived at EDR: 01/11/2017
Date Made Active in Reports: 03/02/2017
Number of Days to Update: 50

Source: Napa County Department of Environmental Management
Telephone: 707-253-4269
Last EDR Contact: 11/16/2020
Next Scheduled EDR Contact: 03/08/2021
Data Release Frequency: No Update Planned

UST NAPA: Closed and Operating Underground Storage Tank Sites
Underground storage tank sites located in Napa county.

Date of Government Version: 09/05/2019
Date Data Arrived at EDR: 09/09/2019
Date Made Active in Reports: 10/31/2019
Number of Days to Update: 52

Source: Napa County Department of Environmental Management
Telephone: 707-253-4269
Last EDR Contact: 11/16/2020
Next Scheduled EDR Contact: 03/08/2021
Data Release Frequency: No Update Planned

NEVADA COUNTY:

CUPA NEVADA: CUPA Facility List
CUPA facility list.

Date of Government Version: 10/26/2020
Date Data Arrived at EDR: 10/28/2020
Date Made Active in Reports: 01/15/2021
Number of Days to Update: 79

Source: Community Development Agency
Telephone: 530-265-1467
Last EDR Contact: 10/20/2020
Next Scheduled EDR Contact: 02/08/2021
Data Release Frequency: Varies

ORANGE COUNTY:

IND_SITE ORANGE: List of Industrial Site Cleanups
Petroleum and non-petroleum spills.

Date of Government Version: 06/10/2020
Date Data Arrived at EDR: 08/03/2020
Date Made Active in Reports: 10/19/2020
Number of Days to Update: 77

Source: Health Care Agency
Telephone: 714-834-3446
Last EDR Contact: 11/02/2020
Next Scheduled EDR Contact: 02/15/2021
Data Release Frequency: Annually

LUST ORANGE: List of Underground Storage Tank Cleanups
Orange County Underground Storage Tank Cleanups (LUST).

Date of Government Version: 07/02/2020
Date Data Arrived at EDR: 08/05/2020
Date Made Active in Reports: 10/23/2020
Number of Days to Update: 79

Source: Health Care Agency
Telephone: 714-834-3446
Last EDR Contact: 11/02/2020
Next Scheduled EDR Contact: 02/15/2021
Data Release Frequency: Quarterly

UST ORANGE: List of Underground Storage Tank Facilities
Orange County Underground Storage Tank Facilities (UST).

Date of Government Version: 07/01/2020
Date Data Arrived at EDR: 08/03/2020
Date Made Active in Reports: 10/19/2020
Number of Days to Update: 77

Source: Health Care Agency
Telephone: 714-834-3446
Last EDR Contact: 11/03/2020
Next Scheduled EDR Contact: 02/15/2021
Data Release Frequency: Quarterly

PLACER COUNTY:

MS PLACER: Master List of Facilities
List includes aboveground tanks, underground tanks and cleanup sites.

Date of Government Version: 11/24/2020
Date Data Arrived at EDR: 11/24/2020
Date Made Active in Reports: 11/25/2020
Number of Days to Update: 1

Source: Placer County Health and Human Services
Telephone: 530-745-2363
Last EDR Contact: 11/23/2020
Next Scheduled EDR Contact: 03/15/2021
Data Release Frequency: Semi-Annually

PLUMAS COUNTY:

CUPA PLUMAS: CUPA Facility List
Plumas County CUPA Program facilities.

Date of Government Version: 03/31/2019
Date Data Arrived at EDR: 04/23/2019
Date Made Active in Reports: 06/26/2019
Number of Days to Update: 64

Source: Plumas County Environmental Health
Telephone: 530-283-6355
Last EDR Contact: 10/13/2020
Next Scheduled EDR Contact: 02/01/2021
Data Release Frequency: Varies

RIVERSIDE COUNTY:

LUST RIVERSIDE: Listing of Underground Tank Cleanup Sites
Riverside County Underground Storage Tank Cleanup Sites (LUST).

Date of Government Version: 10/06/2020
Date Data Arrived at EDR: 10/07/2020
Date Made Active in Reports: 11/03/2020
Number of Days to Update: 27

Source: Department of Environmental Health
Telephone: 951-358-5055
Last EDR Contact: 12/09/2020
Next Scheduled EDR Contact: 03/29/2021
Data Release Frequency: Quarterly

UST RIVERSIDE: Underground Storage Tank Tank List
Underground storage tank sites located in Riverside county.

Date of Government Version: 10/06/2020
Date Data Arrived at EDR: 10/07/2020
Date Made Active in Reports: 11/03/2020
Number of Days to Update: 27
Source: Department of Environmental Health
Telephone: 951-358-5055
Last EDR Contact: 12/09/2020
Next Scheduled EDR Contact: 03/29/2021
Data Release Frequency: Quarterly

SACRAMENTO COUNTY:

CS SACRAMENTO: Toxic Site Clean-Up List
List of sites where unauthorized releases of potentially hazardous materials have occurred.

Date of Government Version: 02/18/2020
Date Data Arrived at EDR: 03/31/2020
Date Made Active in Reports: 06/15/2020
Number of Days to Update: 76
Source: Sacramento County Environmental Management
Telephone: 916-875-8406
Last EDR Contact: 12/30/2020
Next Scheduled EDR Contact: 04/12/2021
Data Release Frequency: Quarterly

ML SACRAMENTO: Master Hazardous Materials Facility List
Any business that has hazardous materials on site - hazardous material storage sites, underground storage tanks, waste generators.

Date of Government Version: 02/24/2020
Date Data Arrived at EDR: 03/31/2020
Date Made Active in Reports: 06/17/2020
Number of Days to Update: 78
Source: Sacramento County Environmental Management
Telephone: 916-875-8406
Last EDR Contact: 12/30/2020
Next Scheduled EDR Contact: 04/12/2021
Data Release Frequency: Quarterly

SAN BENITO COUNTY:

CUPA SAN BENITO: CUPA Facility List
Cupa facility list

Date of Government Version: 10/28/2020
Date Data Arrived at EDR: 10/30/2020
Date Made Active in Reports: 01/15/2021
Number of Days to Update: 77
Source: San Benito County Environmental Health
Telephone: N/A
Last EDR Contact: 10/28/2020
Next Scheduled EDR Contact: 02/15/2021
Data Release Frequency: Varies

SAN BERNARDINO COUNTY:

PERMITS SAN BERNARDINO: Hazardous Material Permits
This listing includes underground storage tanks, medical waste handlers/generators, hazardous materials handlers, hazardous waste generators, and waste oil generators/handlers.

Date of Government Version: 08/04/2020
Date Data Arrived at EDR: 08/05/2020
Date Made Active in Reports: 10/26/2020
Number of Days to Update: 82
Source: San Bernardino County Fire Department Hazardous Materials Division
Telephone: 909-387-3041
Last EDR Contact: 10/28/2020
Next Scheduled EDR Contact: 02/15/2021
Data Release Frequency: Quarterly

SAN DIEGO COUNTY:

HMMD SAN DIEGO: Hazardous Materials Management Division Database

The database includes: HE58 - This report contains the business name, site address, business phone number, establishment 'H' permit number, type of permit, and the business status. HE17 - In addition to providing the same information provided in the HE58 listing, HE17 provides inspection dates, violations received by the establishment, hazardous waste generated, the quantity, method of storage, treatment/disposal of waste and the hauler, and information on underground storage tanks. Unauthorized Release List - Includes a summary of environmental contamination cases in San Diego County (underground tank cases, non-tank cases, groundwater contamination, and soil contamination are included.)

Date of Government Version: 08/31/2020
Date Data Arrived at EDR: 08/31/2020
Date Made Active in Reports: 11/23/2020
Number of Days to Update: 84

Source: Hazardous Materials Management Division
Telephone: 619-338-2268
Last EDR Contact: 12/01/2020
Next Scheduled EDR Contact: 03/15/2021
Data Release Frequency: Quarterly

LF SAN DIEGO: Solid Waste Facilities

San Diego County Solid Waste Facilities.

Date of Government Version: 04/18/2018
Date Data Arrived at EDR: 04/24/2018
Date Made Active in Reports: 06/19/2018
Number of Days to Update: 56

Source: Department of Health Services
Telephone: 619-338-2209
Last EDR Contact: 11/16/2020
Next Scheduled EDR Contact: 02/01/2021
Data Release Frequency: Varies

SAN DIEGO CO LOP: Local Oversight Program Listing

A listing of all LOP release sites that are or were under the County of San Diego's jurisdiction. Included are closed or transferred cases, open cases, and cases that did not have a case type indicated. The cases without a case type are mostly complaints; however, some of them could be LOP cases.

Date of Government Version: 07/14/2020
Date Data Arrived at EDR: 07/16/2020
Date Made Active in Reports: 09/29/2020
Number of Days to Update: 75

Source: Department of Environmental Health
Telephone: 858-505-6874
Last EDR Contact: 10/13/2020
Next Scheduled EDR Contact: 02/01/2021
Data Release Frequency: Varies

SAN DIEGO CO SAM: Environmental Case Listing

The listing contains all underground tank release cases and projects pertaining to properties contaminated with hazardous substances that are actively under review by the Site Assessment and Mitigation Program.

Date of Government Version: 03/23/2010
Date Data Arrived at EDR: 06/15/2010
Date Made Active in Reports: 07/09/2010
Number of Days to Update: 24

Source: San Diego County Department of Environmental Health
Telephone: 619-338-2371
Last EDR Contact: 11/23/2020
Next Scheduled EDR Contact: 03/15/2021
Data Release Frequency: No Update Planned

SAN FRANCISCO COUNTY:

CUPA SAN FRANCISCO CO: CUPA Facility Listing

Cupa facilities

Date of Government Version: 08/03/2020
Date Data Arrived at EDR: 08/05/2020
Date Made Active in Reports: 10/22/2020
Number of Days to Update: 78

Source: San Francisco County Department of Environmental Health
Telephone: 415-252-3896
Last EDR Contact: 10/28/2020
Next Scheduled EDR Contact: 02/15/2021
Data Release Frequency: Varies

LUST SAN FRANCISCO: Local Oversite Facilities

A listing of leaking underground storage tank sites located in San Francisco county.

Date of Government Version: 09/19/2008
Date Data Arrived at EDR: 09/19/2008
Date Made Active in Reports: 09/29/2008
Number of Days to Update: 10

Source: Department Of Public Health San Francisco County
Telephone: 415-252-3920
Last EDR Contact: 10/28/2020
Next Scheduled EDR Contact: 02/15/2021
Data Release Frequency: No Update Planned

UST SAN FRANCISCO: Underground Storage Tank Information
Underground storage tank sites located in San Francisco county.

Date of Government Version: 08/03/2020
Date Data Arrived at EDR: 08/05/2020
Date Made Active in Reports: 10/26/2020
Number of Days to Update: 82

Source: Department of Public Health
Telephone: 415-252-3920
Last EDR Contact: 10/28/2020
Next Scheduled EDR Contact: 02/15/2021
Data Release Frequency: Quarterly

SAN JOAQUIN COUNTY:

UST SAN JOAQUIN: San Joaquin Co. UST
A listing of underground storage tank locations in San Joaquin county.

Date of Government Version: 06/22/2018
Date Data Arrived at EDR: 06/26/2018
Date Made Active in Reports: 07/11/2018
Number of Days to Update: 15

Source: Environmental Health Department
Telephone: N/A
Last EDR Contact: 12/09/2020
Next Scheduled EDR Contact: 03/29/2021
Data Release Frequency: Semi-Annually

SAN LUIS OBISPO COUNTY:

CUPA SAN LUIS OBISPO: CUPA Facility List
Cupa Facility List.

Date of Government Version: 07/27/2020
Date Data Arrived at EDR: 08/12/2020
Date Made Active in Reports: 10/26/2020
Number of Days to Update: 75

Source: San Luis Obispo County Public Health Department
Telephone: 805-781-5596
Last EDR Contact: 11/11/2020
Next Scheduled EDR Contact: 03/01/2021
Data Release Frequency: Varies

SAN MATEO COUNTY:

BI SAN MATEO: Business Inventory
List includes Hazardous Materials Business Plan, hazardous waste generators, and underground storage tanks.

Date of Government Version: 02/20/2020
Date Data Arrived at EDR: 02/20/2020
Date Made Active in Reports: 04/24/2020
Number of Days to Update: 64

Source: San Mateo County Environmental Health Services Division
Telephone: 650-363-1921
Last EDR Contact: 12/11/2020
Next Scheduled EDR Contact: 03/22/2021
Data Release Frequency: Annually

LUST SAN MATEO: Fuel Leak List
A listing of leaking underground storage tank sites located in San Mateo county.

Date of Government Version: 03/29/2019
Date Data Arrived at EDR: 03/29/2019
Date Made Active in Reports: 05/29/2019
Number of Days to Update: 61

Source: San Mateo County Environmental Health Services Division
Telephone: 650-363-1921
Last EDR Contact: 12/01/2020
Next Scheduled EDR Contact: 03/22/2021
Data Release Frequency: Semi-Annually

SANTA BARBARA COUNTY:

CUPA SANTA BARBARA: CUPA Facility Listing
CUPA Program Listing from the Environmental Health Services division.

Date of Government Version: 09/08/2011
Date Data Arrived at EDR: 09/09/2011
Date Made Active in Reports: 10/07/2011
Number of Days to Update: 28

Source: Santa Barbara County Public Health Department
Telephone: 805-686-8167
Last EDR Contact: 11/11/2020
Next Scheduled EDR Contact: 03/01/2021
Data Release Frequency: No Update Planned

SANTA CLARA COUNTY:

CUPA SANTA CLARA: Cupa Facility List
Cupa facility list

Date of Government Version: 08/20/2020
Date Data Arrived at EDR: 08/20/2020
Date Made Active in Reports: 11/09/2020
Number of Days to Update: 81

Source: Department of Environmental Health
Telephone: 408-918-1973
Last EDR Contact: 11/11/2020
Next Scheduled EDR Contact: 03/01/2021
Data Release Frequency: Varies

HIST LUST SANTA CLARA: HIST LUST - Fuel Leak Site Activity Report
A listing of open and closed leaking underground storage tanks. This listing is no longer updated by the county. Leaking underground storage tanks are now handled by the Department of Environmental Health.

Date of Government Version: 03/29/2005
Date Data Arrived at EDR: 03/30/2005
Date Made Active in Reports: 04/21/2005
Number of Days to Update: 22

Source: Santa Clara Valley Water District
Telephone: 408-265-2600
Last EDR Contact: 03/23/2009
Next Scheduled EDR Contact: 06/22/2009
Data Release Frequency: No Update Planned

LUST SANTA CLARA: LOP Listing
A listing of leaking underground storage tanks located in Santa Clara county.

Date of Government Version: 03/03/2014
Date Data Arrived at EDR: 03/05/2014
Date Made Active in Reports: 03/18/2014
Number of Days to Update: 13

Source: Department of Environmental Health
Telephone: 408-918-3417
Last EDR Contact: 11/16/2020
Next Scheduled EDR Contact: 03/08/2021
Data Release Frequency: No Update Planned

SAN JOSE HAZMAT: Hazardous Material Facilities
Hazardous material facilities, including underground storage tank sites.

Date of Government Version: 07/30/2020
Date Data Arrived at EDR: 07/31/2020
Date Made Active in Reports: 10/16/2020
Number of Days to Update: 77

Source: City of San Jose Fire Department
Telephone: 408-535-7694
Last EDR Contact: 10/28/2020
Next Scheduled EDR Contact: 02/15/2021
Data Release Frequency: Annually

SANTA CRUZ COUNTY:

CUPA SANTA CRUZ: CUPA Facility List
CUPA facility listing.

Date of Government Version: 01/21/2017
Date Data Arrived at EDR: 02/22/2017
Date Made Active in Reports: 05/23/2017
Number of Days to Update: 90

Source: Santa Cruz County Environmental Health
Telephone: 831-464-2761
Last EDR Contact: 11/11/2020
Next Scheduled EDR Contact: 03/01/2021
Data Release Frequency: Varies

SHASTA COUNTY:

CUPA SHASTA: CUPA Facility List
Cupa Facility List.

Date of Government Version: 06/15/2017
Date Data Arrived at EDR: 06/19/2017
Date Made Active in Reports: 08/09/2017
Number of Days to Update: 51

Source: Shasta County Department of Resource Management
Telephone: 530-225-5789
Last EDR Contact: 11/11/2020
Next Scheduled EDR Contact: 03/01/2021
Data Release Frequency: Varies

SOLANO COUNTY:

LUST SOLANO: Leaking Underground Storage Tanks
A listing of leaking underground storage tank sites located in Solano county.

Date of Government Version: 06/04/2019
Date Data Arrived at EDR: 06/06/2019
Date Made Active in Reports: 08/13/2019
Number of Days to Update: 68

Source: Solano County Department of Environmental Management
Telephone: 707-784-6770
Last EDR Contact: 06/03/2019
Next Scheduled EDR Contact: 03/15/2021
Data Release Frequency: Quarterly

UST SOLANO: Underground Storage Tanks
Underground storage tank sites located in Solano county.

Date of Government Version: 08/25/2020
Date Data Arrived at EDR: 08/26/2020
Date Made Active in Reports: 09/16/2020
Number of Days to Update: 21

Source: Solano County Department of Environmental Management
Telephone: 707-784-6770
Last EDR Contact: 12/03/2020
Next Scheduled EDR Contact: 03/15/2021
Data Release Frequency: Quarterly

SONOMA COUNTY:

CUPA SONOMA: Cupa Facility List
Cupa Facility list

Date of Government Version: 12/15/2020
Date Data Arrived at EDR: 12/16/2020
Date Made Active in Reports: 12/23/2020
Number of Days to Update: 7

Source: County of Sonoma Fire & Emergency Services Department
Telephone: 707-565-1174
Last EDR Contact: 12/15/2020
Next Scheduled EDR Contact: 04/05/2021
Data Release Frequency: Varies

LUST SONOMA: Leaking Underground Storage Tank Sites
A listing of leaking underground storage tank sites located in Sonoma county.

Date of Government Version: 09/18/2020
Date Data Arrived at EDR: 09/22/2020
Date Made Active in Reports: 12/14/2020
Number of Days to Update: 83

Source: Department of Health Services
Telephone: 707-565-6565
Last EDR Contact: 12/15/2020
Next Scheduled EDR Contact: 04/05/2021
Data Release Frequency: Quarterly

STANISLAUS COUNTY:

CUPA STANISLAUS: CUPA Facility List
Cupa facility list

Date of Government Version: 10/01/2020
Date Data Arrived at EDR: 10/06/2020
Date Made Active in Reports: 12/22/2020
Number of Days to Update: 77

Source: Stanislaus County Department of Ennvironmental Protection
Telephone: 209-525-6751
Last EDR Contact: 01/11/2021
Next Scheduled EDR Contact: 04/26/2021
Data Release Frequency: Varies

SUTTER COUNTY:

UST SUTTER: Underground Storage Tanks
Underground storage tank sites located in Sutter county.

Date of Government Version: 08/25/2020
Date Data Arrived at EDR: 08/26/2020
Date Made Active in Reports: 11/17/2020
Number of Days to Update: 83

Source: Sutter County Environmental Health Services
Telephone: 530-822-7500
Last EDR Contact: 11/23/2020
Next Scheduled EDR Contact: 03/15/2021
Data Release Frequency: Semi-Annually

TEHAMA COUNTY:

CUPA TEHAMA: CUPA Facility List
Cupa facilities

Date of Government Version: 08/11/2020
Date Data Arrived at EDR: 08/12/2020
Date Made Active in Reports: 10/26/2020
Number of Days to Update: 75

Source: Tehama County Department of Environmental Health
Telephone: 530-527-8020
Last EDR Contact: 11/11/2020
Next Scheduled EDR Contact: 02/15/2021
Data Release Frequency: Varies

TRINITY COUNTY:

CUPA TRINITY: CUPA Facility List
Cupa facility list

Date of Government Version: 10/14/2020
Date Data Arrived at EDR: 10/15/2020
Date Made Active in Reports: 01/05/2021
Number of Days to Update: 82

Source: Department of Toxic Substances Control
Telephone: 760-352-0381
Last EDR Contact: 10/13/2020
Next Scheduled EDR Contact: 02/01/2021
Data Release Frequency: Varies

TULARE COUNTY:

CUPA TULARE: CUPA Facility List
Cupa program facilities

Date of Government Version: 08/06/2020
Date Data Arrived at EDR: 08/06/2020
Date Made Active in Reports: 10/26/2020
Number of Days to Update: 81

Source: Tulare County Environmental Health Services Division
Telephone: 559-624-7400
Last EDR Contact: 10/28/2020
Next Scheduled EDR Contact: 02/15/2021
Data Release Frequency: Varies

TUOLUMNE COUNTY:

CUPA TUOLUMNE: CUPA Facility List
Cupa facility list

Date of Government Version: 04/23/2018
Date Data Arrived at EDR: 04/25/2018
Date Made Active in Reports: 06/25/2018
Number of Days to Update: 61

Source: Divison of Environmental Health
Telephone: 209-533-5633
Last EDR Contact: 10/13/2020
Next Scheduled EDR Contact: 02/01/2021
Data Release Frequency: Varies

VENTURA COUNTY:

BWT VENTURA: Business Plan, Hazardous Waste Producers, and Operating Underground Tanks
The BWT list indicates by site address whether the Environmental Health Division has Business Plan (B), Waste Producer (W), and/or Underground Tank (T) information.

Date of Government Version: 09/28/2020
Date Data Arrived at EDR: 10/22/2020
Date Made Active in Reports: 01/12/2021
Number of Days to Update: 82
Source: Ventura County Environmental Health Division
Telephone: 805-654-2813
Last EDR Contact: 10/19/2020
Next Scheduled EDR Contact: 02/01/2021
Data Release Frequency: Quarterly

LF VENTURA: Inventory of Illegal Abandoned and Inactive Sites
Ventura County Inventory of Closed, Illegal Abandoned, and Inactive Sites.

Date of Government Version: 12/01/2011
Date Data Arrived at EDR: 12/01/2011
Date Made Active in Reports: 01/19/2012
Number of Days to Update: 49
Source: Environmental Health Division
Telephone: 805-654-2813
Last EDR Contact: 12/21/2020
Next Scheduled EDR Contact: 04/12/2021
Data Release Frequency: No Update Planned

LUST VENTURA: Listing of Underground Tank Cleanup Sites
Ventura County Underground Storage Tank Cleanup Sites (LUST).

Date of Government Version: 05/29/2008
Date Data Arrived at EDR: 06/24/2008
Date Made Active in Reports: 07/31/2008
Number of Days to Update: 37
Source: Environmental Health Division
Telephone: 805-654-2813
Last EDR Contact: 11/05/2020
Next Scheduled EDR Contact: 02/22/2021
Data Release Frequency: No Update Planned

MED WASTE VENTURA: Medical Waste Program List
To protect public health and safety and the environment from potential exposure to disease causing agents, the Environmental Health Division Medical Waste Program regulates the generation, handling, storage, treatment and disposal of medical waste throughout the County.

Date of Government Version: 09/28/2020
Date Data Arrived at EDR: 10/22/2020
Date Made Active in Reports: 01/12/2021
Number of Days to Update: 82
Source: Ventura County Resource Management Agency
Telephone: 805-654-2813
Last EDR Contact: 10/19/2020
Next Scheduled EDR Contact: 02/01/2021
Data Release Frequency: Quarterly

UST VENTURA: Underground Tank Closed Sites List
Ventura County Operating Underground Storage Tank Sites (UST)/Underground Tank Closed Sites List.

Date of Government Version: 08/26/2020
Date Data Arrived at EDR: 09/08/2020
Date Made Active in Reports: 12/01/2020
Number of Days to Update: 84
Source: Environmental Health Division
Telephone: 805-654-2813
Last EDR Contact: 12/08/2020
Next Scheduled EDR Contact: 03/22/2021
Data Release Frequency: Quarterly

YOLO COUNTY:

UST YOLO: Underground Storage Tank Comprehensive Facility Report
Underground storage tank sites located in Yolo county.

Date of Government Version: 12/21/2020
Date Data Arrived at EDR: 12/23/2020
Date Made Active in Reports: 01/04/2021
Number of Days to Update: 12
Source: Yolo County Department of Health
Telephone: 530-666-8646
Last EDR Contact: 12/20/2020
Next Scheduled EDR Contact: 04/11/2021
Data Release Frequency: Annually

YUBA COUNTY:

CUPA YUBA: CUPA Facility List
CUPA facility listing for Yuba County.

Date of Government Version: 08/06/2020
Date Data Arrived at EDR: 08/07/2020
Date Made Active in Reports: 10/26/2020
Number of Days to Update: 80

Source: Yuba County Environmental Health Department
Telephone: 530-749-7523
Last EDR Contact: 11/03/2020
Next Scheduled EDR Contact: 02/08/2021
Data Release Frequency: Varies

OTHER DATABASE(S)

Depending on the geographic area covered by this report, the data provided in these specialty databases may or may not be complete. For example, the existence of wetlands information data in a specific report does not mean that all wetlands in the area covered by the report are included. Moreover, the absence of any reported wetlands information does not necessarily mean that wetlands do not exist in the area covered by the report.

CT MANIFEST: Hazardous Waste Manifest Data
Facility and manifest data. Manifest is a document that lists and tracks hazardous waste from the generator through transporters to a tsd facility.

Date of Government Version: 08/10/2020
Date Data Arrived at EDR: 10/20/2020
Date Made Active in Reports: 11/02/2020
Number of Days to Update: 13

Source: Department of Energy & Environmental Protection
Telephone: 860-424-3375
Last EDR Contact: 11/09/2020
Next Scheduled EDR Contact: 02/22/2021
Data Release Frequency: No Update Planned

NJ MANIFEST: Manifest Information
Hazardous waste manifest information.

Date of Government Version: 12/31/2018
Date Data Arrived at EDR: 04/10/2019
Date Made Active in Reports: 05/16/2019
Number of Days to Update: 36

Source: Department of Environmental Protection
Telephone: N/A
Last EDR Contact: 01/08/2021
Next Scheduled EDR Contact: 04/19/2021
Data Release Frequency: Annually

NY MANIFEST: Facility and Manifest Data
Manifest is a document that lists and tracks hazardous waste from the generator through transporters to a TSD facility.

Date of Government Version: 01/01/2019
Date Data Arrived at EDR: 04/29/2020
Date Made Active in Reports: 07/10/2020
Number of Days to Update: 72

Source: Department of Environmental Conservation
Telephone: 518-402-8651
Last EDR Contact: 10/30/2020
Next Scheduled EDR Contact: 02/08/2021
Data Release Frequency: Quarterly

PA MANIFEST: Manifest Information
Hazardous waste manifest information.

Date of Government Version: 06/30/2018
Date Data Arrived at EDR: 07/19/2019
Date Made Active in Reports: 09/10/2019
Number of Days to Update: 53

Source: Department of Environmental Protection
Telephone: 717-783-8990
Last EDR Contact: 01/11/2021
Next Scheduled EDR Contact: 04/26/2021
Data Release Frequency: Annually

RI MANIFEST: Manifest information
Hazardous waste manifest information

Date of Government Version: 12/31/2018
Date Data Arrived at EDR: 10/02/2019
Date Made Active in Reports: 12/10/2019
Number of Days to Update: 69

Source: Department of Environmental Management
Telephone: 401-222-2797
Last EDR Contact: 11/11/2020
Next Scheduled EDR Contact: 03/01/2021
Data Release Frequency: Annually

WI MANIFEST: Manifest Information
Hazardous waste manifest information.

Date of Government Version: 05/31/2018
Date Data Arrived at EDR: 06/19/2019
Date Made Active in Reports: 09/03/2019
Number of Days to Update: 76

Source: Department of Natural Resources
Telephone: N/A
Last EDR Contact: 12/03/2020
Next Scheduled EDR Contact: 03/22/2021
Data Release Frequency: Annually

Oil/Gas Pipelines
Source: Endeavor Business Media
Petroleum Bundle (Crude Oil, Refined Products, Petrochemicals, Gas Liquids (LPG/NGL), and Specialty Gases (Miscellaneous)) N = Natural Gas Bundle (Natural Gas, Gas Liquids (LPG/NGL), and Specialty Gases (Miscellaneous)). This map includes information copyrighted by Endeavor Business Media. This information is provided on a best effort basis and Endeavor Business Media does not guarantee its accuracy nor warrant its fitness for any particular purpose. Such information has been reprinted with the permission of Endeavor Business Media.

Electric Power Transmission Line Data
Source: Endeavor Business Media
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Sensitive Receptors: There are individuals deemed sensitive receptors due to their fragile immune systems and special sensitivity to environmental discharges. These sensitive receptors typically include the elderly, the sick, and children. While the location of all sensitive receptors cannot be determined, EDR indicates those buildings and facilities - schools, daycares, hospitals, medical centers, and nursing homes - where individuals who are sensitive receptors are likely to be located.

AHA Hospitals:
Source: American Hospital Association, Inc.
Telephone: 312-280-5991
The database includes a listing of hospitals based on the American Hospital Association's annual survey of hospitals.

Medical Centers: Provider of Services Listing
Source: Centers for Medicare & Medicaid Services
Telephone: 410-786-3000
A listing of hospitals with Medicare provider number, produced by Centers of Medicare & Medicaid Services, a federal agency within the U.S. Department of Health and Human Services.

Nursing Homes
Source: National Institutes of Health
Telephone: 301-594-6248
Information on Medicare and Medicaid certified nursing homes in the United States.

Public Schools
Source: National Center for Education Statistics
Telephone: 202-502-7300
The National Center for Education Statistics' primary database on elementary and secondary public education in the United States. It is a comprehensive, annual, national statistical database of all public elementary and secondary schools and school districts, which contains data that are comparable across all states.

Private Schools
Source: National Center for Education Statistics
Telephone: 202-502-7300
The National Center for Education Statistics' primary database on private school locations in the United States.

Daycare Centers: Licensed Facilities
Source: Department of Social Services
Telephone: 916-657-4041

Flood Zone Data: This data was obtained from the Federal Emergency Management Agency (FEMA). It depicts 100-year and 500-year flood zones as defined by FEMA. It includes the National Flood Hazard Layer (NFHL) which incorporates Flood Insurance Rate Map (FIRM) data and Q3 data from FEMA in areas not covered by NFHL.
Source: FEMA
Telephone: 877-336-2627
Date of Government Version: 2003, 2015

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

NWI: National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 2002, 2005 and 2010 from the U.S. Fish and Wildlife Service.

State Wetlands Data: Wetland Inventory
Source: Department of Fish and Wildlife
Telephone: 916-445-0411

Current USGS 7.5 Minute Topographic Map
Source: U.S. Geological Survey

STREET AND ADDRESS INFORMATION

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GEOCHECK ®- PHYSICAL SETTING SOURCE ADDENDUM

TARGET PROPERTY ADDRESS

99 SOUTHGATE AVENUE
99 SOUTHGATE AVENUE
DALY CITY, CA 94015

TARGET PROPERTY COORDINATES

Latitude (North):	37.697424 - 37° 41' 50.73''
Longitude (West):	122.482261 - 122° 28' 56.14''
Universal Tranverse Mercator:	Zone 10
UTM X (Meters):	545643.5
UTM Y (Meters):	4172165.5
Elevation:	102 ft. above sea level

USGS TOPOGRAPHIC MAP

Target Property Map:	5641126 SAN FRANCISCO SOUTH, CA
Version Date:	2012
West Map:	5640630 SAN FRANCISCO SOUTH OE W, CA
Version Date:	2012

EDR's GeoCheck Physical Setting Source Addendum is provided to assist the environmental professional in forming an opinion about the impact of potential contaminant migration.

Assessment of the impact of contaminant migration generally has two principle investigative components:

1. Groundwater flow direction, and
2. Groundwater flow velocity.

Groundwater flow direction may be impacted by surface topography, hydrology, hydrogeology, characteristics of the soil, and nearby wells. Groundwater flow velocity is generally impacted by the nature of the geologic strata.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

GROUNDWATER FLOW DIRECTION INFORMATION

Groundwater flow direction for a particular site is best determined by a qualified environmental professional using site-specific well data. If such data is not reasonably ascertainable, it may be necessary to rely on other sources of information, such as surface topographic information, hydrologic information, hydrogeologic data collected on nearby properties, and regional groundwater flow information (from deep aquifers).

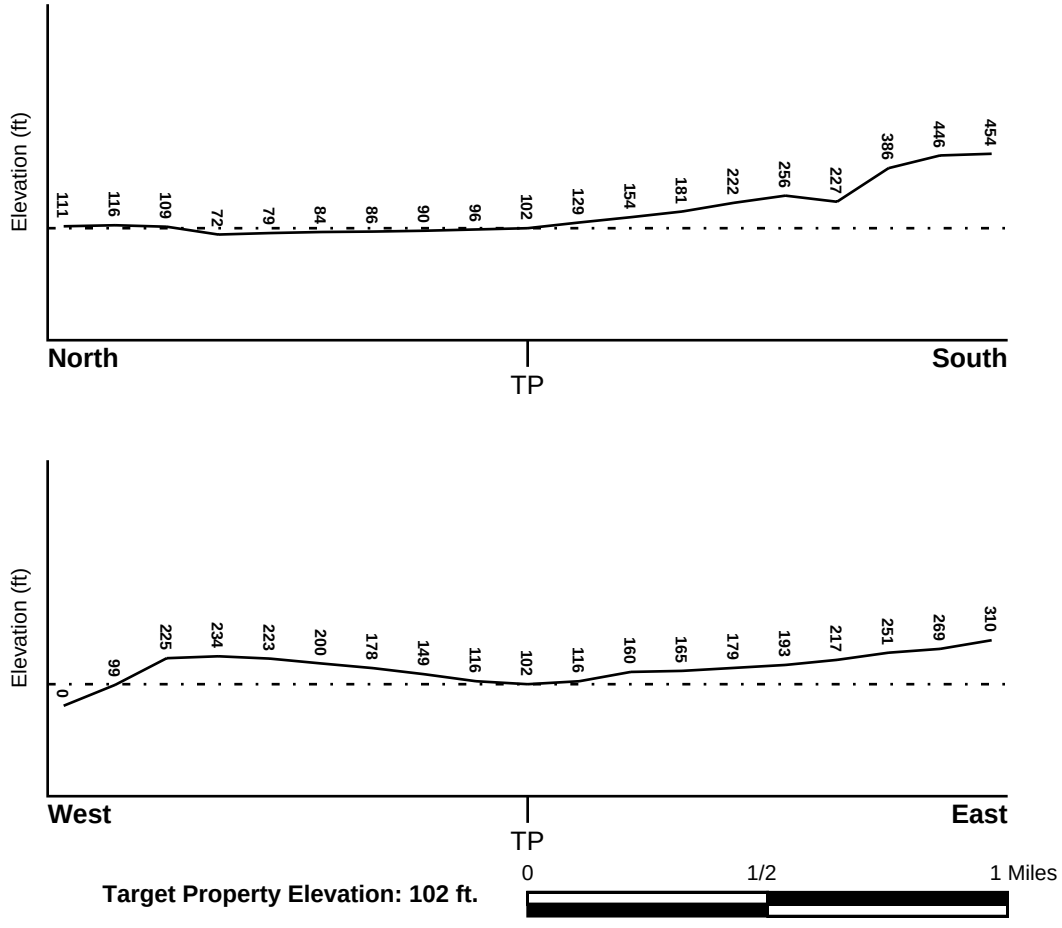
TOPOGRAPHIC INFORMATION

Surface topography may be indicative of the direction of surficial groundwater flow. This information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

TARGET PROPERTY TOPOGRAPHY

General Topographic Gradient: General North

SURROUNDING TOPOGRAPHY: ELEVATION PROFILES



Target Property Elevation: 102 ft.

Source: Topography has been determined from the USGS 7.5' Digital Elevation Model and should be evaluated on a relative (not an absolute) basis. Relative elevation information between sites of close proximity should be field verified.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

HYDROLOGIC INFORMATION

Surface water can act as a hydrologic barrier to groundwater flow. Such hydrologic information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

Refer to the Physical Setting Source Map following this summary for hydrologic information (major waterways and bodies of water).

FEMA FLOOD ZONE

Flood Plain Panel at Target Property	FEMA Source Type
06081C0030E	FEMA FIRM Flood data

Additional Panels in search area:	FEMA Source Type
06081C0010E	FEMA FIRM Flood data
06081C0036E	FEMA FIRM Flood data

NATIONAL WETLAND INVENTORY

NWI Quad at Target Property	NWI Electronic Data Coverage
SAN FRANCISCO SOUTH	YES - refer to the Overview Map and Detail Map

HYDROGEOLOGIC INFORMATION

Hydrogeologic information obtained by installation of wells on a specific site can often be an indicator of groundwater flow direction in the immediate area. Such hydrogeologic information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

Site-Specific Hydrogeological Data*:

Search Radius:	1.25 miles
Status:	Not found

AQUIFLOW®

Search Radius: 1.000 Mile.

EDR has developed the AQUIFLOW Information System to provide data on the general direction of groundwater flow at specific points. EDR has reviewed reports submitted by environmental professionals to regulatory authorities at select sites and has extracted the date of the report, groundwater flow direction as determined hydrogeologically, and the depth to water table.

MAP ID	LOCATION FROM TP	GENERAL DIRECTION GROUNDWATER FLOW
33	0 - 1/8 Mile West	S
44	1/4 - 1/2 Mile West	E
F54	1/2 - 1 Mile NNW	SSW
100	1/2 - 1 Mile ENE	Varies
U168	1/2 - 1 Mile SE	NE
V192	1/2 - 1 Mile SE	NE
1G	1/2 - 1 Mile NNW	SSW

* ©1996 Site−specific hydrogeological data gathered by CERCLIS Alerts, Inc., Bainbridge Island, WA. All rights reserved. All of the information and opinions presented are those of the cited EPA report(s), which were completed under a Comprehensive Environmental Response Compensation and Liability Information System (CERCLIS) investigation.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

MAP ID	LOCATION FROM TP	GENERAL DIRECTION GROUNDWATER FLOW
2G	1/2 - 1 Mile ENE	Varies
3G	0 - 1/8 Mile West	S
4G	1/4 - 1/2 Mile West	E
5G	1/2 - 1 Mile SE	NE
6G	1/2 - 1 Mile SE	NE

For additional site information, refer to Physical Setting Source Map Findings.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

GROUNDWATER FLOW VELOCITY INFORMATION

Groundwater flow velocity information for a particular site is best determined by a qualified environmental professional using site specific geologic and soil strata data. If such data are not reasonably ascertainable, it may be necessary to rely on other sources of information, including geologic age identification, rock stratigraphic unit and soil characteristics data collected on nearby properties and regional soil information. In general, contaminant plumes move more quickly through sandy-gravelly types of soils than silty-clayey types of soils.

GEOLOGIC INFORMATION IN GENERAL AREA OF TARGET PROPERTY

Geologic information can be used by the environmental professional in forming an opinion about the relative speed at which contaminant migration may be occurring.

ROCK STRATIGRAPHIC UNIT

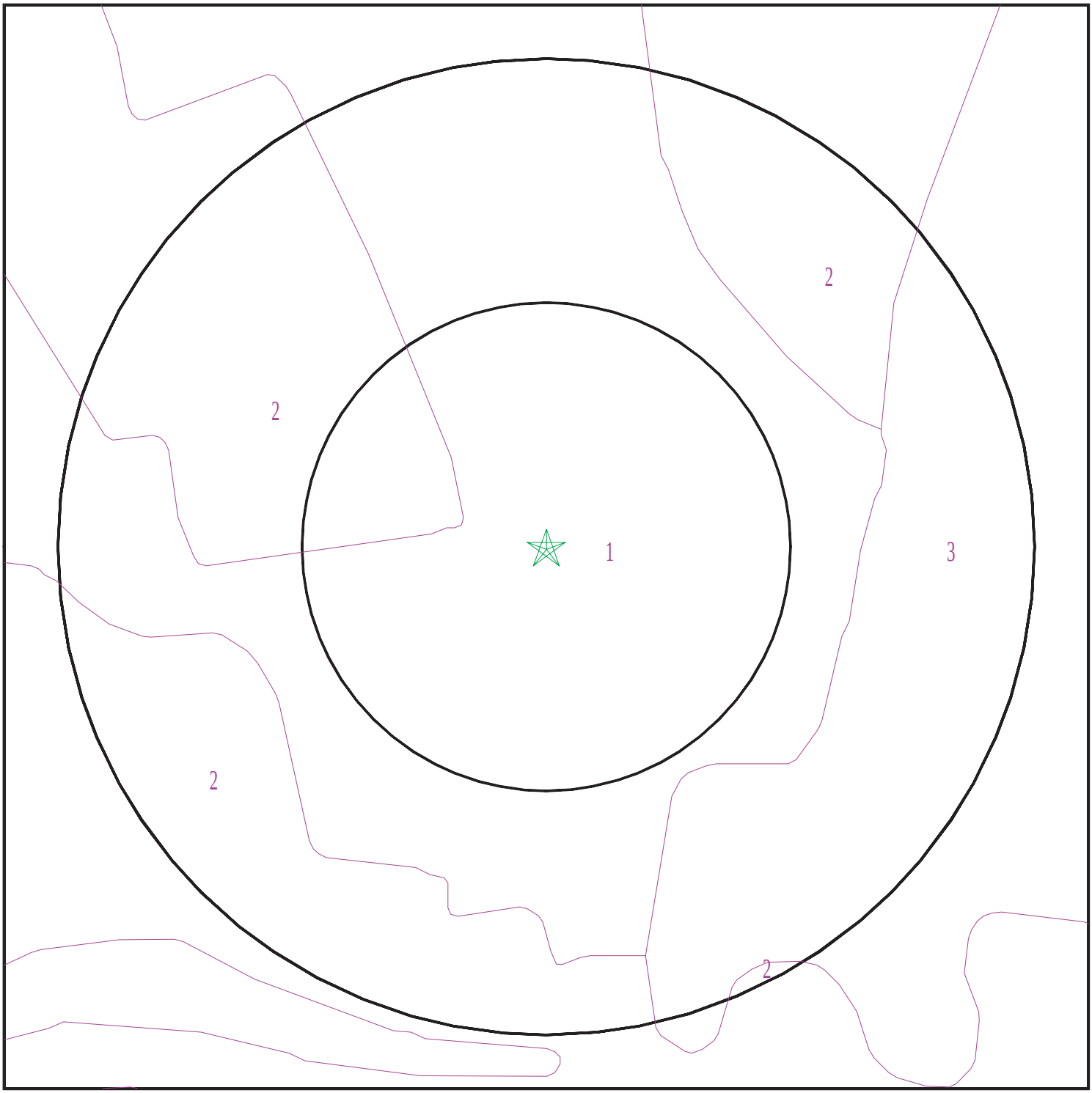
Era:	Cenozoic
System:	Quaternary
Series:	Quaternary
Code:	Q *(decoded above as Era, System & Series)*

GEOLOGIC AGE IDENTIFICATION

Category: Stratifed Sequence

Geologic Age and Rock Stratigraphic Unit Source: P.G. Schruben, R.E. Arndt and W.J. Bawiec, Geology of the Conterminous U.S. at 1:2,500,000 Scale - a digital representation of the 1974 P.B. King and H.M. Beikman Map, USGS Digital Data Series DDS - 11 (1994).

SSURGO SOIL MAP - 6333828.2s



Target Property
SSURGO Soil
Water

0 1/16 1/8 1/4 Miles

N

SITE NAME:	99 Southgate Avenue	CLIENT:	Roux Associates Inc
ADDRESS:	99 Southgate Avenue Daly City CA 94015	CONTACT:	Emma Totsubo
LAT/LONG:	37.697424 / 122.482261	INQUIRY #:	6333828.2s
		DATE:	January 19, 2021 10:17 am

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GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

DOMINANT SOIL COMPOSITION IN GENERAL AREA OF TARGET PROPERTY

The U.S. Department of Agriculture's (USDA) Soil Conservation Service (SCS) leads the National Cooperative Soil Survey (NCSS) and is responsible for collecting, storing, maintaining and distributing soil survey information for privately owned lands in the United States. A soil map in a soil survey is a representation of soil patterns in a landscape. The following information is based on Soil Conservation Service SSURGO data.

Soil Map ID: 1

Soil Component Name: Urban land

Soil Surface Texture:
Hydrologic Group: Class D - Very slow infiltration rates. Soils are clayey, have a high water table, or are shallow to an impervious layer.

Soil Drainage Class:
Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: Not Reported

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

Soil Layer Information							
	Boundary			Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil		
1	0 inches	5 inches		Not reported	Not reported	Max: 0.01 Min: 0	Max: Min:

Soil Map ID: 2

Soil Component Name: Urban land

Soil Surface Texture:
Hydrologic Group: Class D - Very slow infiltration rates. Soils are clayey, have a high water table, or are shallow to an impervious layer.

Soil Drainage Class:
Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: Not Reported

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Soil Layer Information							
	Boundary			Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil		
1	0 inches	5 inches		Not reported	Not reported	Max: 0.01 Min: 0	Max: Min:

Soil Map ID: 3

Soil Component Name: Orthents

Soil Surface Texture: variable

Hydrologic Group: Class B - Moderate infiltration rates. Deep and moderately deep, moderately well and well drained soils with moderately coarse textures.

Soil Drainage Class: Well drained

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: Not Reported

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

Soil Layer Information							
	Boundary			Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil		
1	0 inches	59 inches	variable	Not reported	Not reported	Max: Min:	Max: Min:

LOCAL / REGIONAL WATER AGENCY RECORDS

EDR Local/Regional Water Agency records provide water well information to assist the environmental professional in assessing sources that may impact ground water flow direction, and in forming an opinion about the impact of contaminant migration on nearby drinking water wells.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

WELL SEARCH DISTANCE INFORMATION

DATABASE	SEARCH DISTANCE (miles)
Federal USGS	1.000
Federal FRDS PWS	Nearest PWS within 1 mile
State Database	1.000

FEDERAL USGS WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
D47	USGS40000185040	1/4 - 1/2 Mile NNW
I96	USGS40000185064	1/2 - 1 Mile NNW
K102	USGS40000184989	1/2 - 1 Mile East
I103	USGS40000185061	1/2 - 1 Mile NNW
L106	USGS40000185069	1/2 - 1 Mile North
K117	USGS40000184992	1/2 - 1 Mile East
N122	USGS40000185071	1/2 - 1 Mile NNW
Q129	USGS40000185088	1/2 - 1 Mile NNE
Q130	USGS40000185090	1/2 - 1 Mile NNE
Q133	USGS40000185089	1/2 - 1 Mile NNE

FEDERAL FRDS PUBLIC WATER SUPPLY SYSTEM INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
No PWS System Found		

Note: PWS System location is not always the same as well location.

STATE DATABASE WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
A1	CAEDF0000139198	0 - 1/8 Mile West
A2	CAEDF0000123817	0 - 1/8 Mile WSW
A3	CAEDF0000038488	0 - 1/8 Mile WSW
A4	CAEDF0000078408	0 - 1/8 Mile NW
A5	CAEDF0000066075	0 - 1/8 Mile West
A6	CAEDF0000039932	0 - 1/8 Mile West
A7	CAEDF0000043800	0 - 1/8 Mile West
A8	CAEDF0000009738	0 - 1/8 Mile West
A9	CAEDF0000139740	0 - 1/8 Mile WSW
A10	CAEDF0000051562	0 - 1/8 Mile WSW
A11	CAEDF0000128017	0 - 1/8 Mile WSW
A12	CAEDF0000117558	0 - 1/8 Mile West
A13	CAEDF0000075166	0 - 1/8 Mile NW
A14	CAEDF0000070057	0 - 1/8 Mile WSW
A15	CAEDF0000097101	0 - 1/8 Mile West
A16	CAEDF0000081524	0 - 1/8 Mile West

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

STATE DATABASE WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
A17	CAEDF0000010220	0 - 1/8 Mile West
A18	CAEDF0000130708	0 - 1/8 Mile WSW
A19	CAEDF0000031318	0 - 1/8 Mile West
A20	CAEDF0000075216	0 - 1/8 Mile West
A21	CAEDF0000103901	0 - 1/8 Mile West
A22	CAEDF0000097601	0 - 1/8 Mile WSW
A23	CAEDF0000066057	0 - 1/8 Mile WSW
A24	CAEDF0000108988	0 - 1/8 Mile WSW
A25	CAEDF0000094284	0 - 1/8 Mile West
A26	CAEDF0000071432	0 - 1/8 Mile West
A27	CAEDF0000018682	0 - 1/8 Mile WSW
A28	CAEDF0000085030	0 - 1/8 Mile West
A29	CAEDF0000054976	0 - 1/8 Mile West
A30	CAEDF0000097436	0 - 1/8 Mile West
A31	CAEDF0000137405	0 - 1/8 Mile West
A32	CAEDF0000067333	0 - 1/8 Mile West
B34	CAUSGSN00001599	1/8 - 1/4 Mile SW
B35	CAUSGS000001672	1/8 - 1/4 Mile SW
B36	CADDW0000019985	1/8 - 1/4 Mile SW
37	CADWR8000035912	1/8 - 1/4 Mile SE
C38	CAEDF0000090362	1/4 - 1/2 Mile NNW
C39	CAEDF0000129812	1/4 - 1/2 Mile NNW
C40	CAEDF0000053955	1/4 - 1/2 Mile NNW
C41	CAEDF0000043721	1/4 - 1/2 Mile NNW
C42	CAEDF0000120522	1/4 - 1/2 Mile NNW
C43	CAEDF0000103409	1/4 - 1/2 Mile NNW
D45	CAUSGSN00000900	1/4 - 1/2 Mile NNW
E46	3563	1/4 - 1/2 Mile ESE
D48	CAEDF0000110133	1/4 - 1/2 Mile NNW
E49	CADDW0000006156	1/4 - 1/2 Mile ESE
50	CAEDF0000101249	1/4 - 1/2 Mile North
F51	CADWR8000035996	1/2 - 1 Mile NNW
G52	3568	1/2 - 1 Mile SE
G53	CALLNL000001065	1/2 - 1 Mile SE
G55	CADDW0000012430	1/2 - 1 Mile SE
H56	CAEDF0000001901	1/2 - 1 Mile East
H57	CAEDF0000079428	1/2 - 1 Mile East
H58	CAEDF0000067310	1/2 - 1 Mile East
H59	CAEDF0000066022	1/2 - 1 Mile East
H60	CAEDF0000052575	1/2 - 1 Mile East
H61	CAEDF0000046559	1/2 - 1 Mile East
H62	CAEDF0000082737	1/2 - 1 Mile East
H63	CAEDF0000062947	1/2 - 1 Mile East
H64	CAEDF0000099892	1/2 - 1 Mile East
H65	CAEDF0000136695	1/2 - 1 Mile East
H66	CAEDF0000060007	1/2 - 1 Mile East
H67	CAEDF0000000818	1/2 - 1 Mile East
H68	CAEDF0000048145	1/2 - 1 Mile East
H69	CAEDF0000102597	1/2 - 1 Mile East
H70	CAEDF0000012268	1/2 - 1 Mile East
H71	CAEDF0000005256	1/2 - 1 Mile East
H72	CAEDF0000077959	1/2 - 1 Mile East

STATE DATABASE WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
H73	CAEDF0000112140	1/2 - 1 Mile East
H74	CAEDF0000062746	1/2 - 1 Mile East
H75	CAEDF0000038642	1/2 - 1 Mile East
H76	CAEDF0000013015	1/2 - 1 Mile East
H77	CAEDF0000092463	1/2 - 1 Mile East
H78	CAEDF0000123016	1/2 - 1 Mile East
H79	CAEDF0000143067	1/2 - 1 Mile East
H80	CAEDF0000094158	1/2 - 1 Mile East
H81	CAEDF0000107355	1/2 - 1 Mile East
H82	CAEDF0000013425	1/2 - 1 Mile East
H83	CAEDF0000121113	1/2 - 1 Mile East
H84	CAEDF0000128878	1/2 - 1 Mile East
H85	CAEDF0000056971	1/2 - 1 Mile East
H86	CAEDF0000100061	1/2 - 1 Mile East
H87	CAEDF0000113727	1/2 - 1 Mile East
H88	CAEDF0000105473	1/2 - 1 Mile East
H89	CAEDF0000003396	1/2 - 1 Mile East
H90	CAEDF0000073145	1/2 - 1 Mile East
H91	CAEDF0000000524	1/2 - 1 Mile East
H92	CAEDF0000058929	1/2 - 1 Mile East
H93	CAEDF0000008966	1/2 - 1 Mile East
H94	CAEDF0000095800	1/2 - 1 Mile East
H95	CAEDF0000084977	1/2 - 1 Mile East
H97	CAEDF0000001837	1/2 - 1 Mile East
J98	CAUSGS000001291	1/2 - 1 Mile East
J99	CAUSGSN00018530	1/2 - 1 Mile East
H101	CALLNL000000198	1/2 - 1 Mile East
L104	CAUSGSN00005448	1/2 - 1 Mile North
105	CADDW0000021972	1/2 - 1 Mile East
M107	CAEDF0000094956	1/2 - 1 Mile ESE
M108	CAEDF0000075328	1/2 - 1 Mile ESE
M109	CAEDF0000066164	1/2 - 1 Mile ESE
M110	CAEDF0000142791	1/2 - 1 Mile ESE
M111	CAEDF0000060322	1/2 - 1 Mile ESE
M112	CAEDF0000003421	1/2 - 1 Mile ESE
M113	CALLNL000001190	1/2 - 1 Mile ESE
M114	CAEDF0000075794	1/2 - 1 Mile ESE
M115	CAEDF0000071301	1/2 - 1 Mile ESE
M116	CAEDF0000094352	1/2 - 1 Mile ESE
M118	CAEDF0000049533	1/2 - 1 Mile ESE
M119	CAEDF0000090560	1/2 - 1 Mile ESE
120	CAEDF0000121416	1/2 - 1 Mile East
N121	CAUSGSN00012745	1/2 - 1 Mile NNW
O123	3566	1/2 - 1 Mile ENE
P124	3567	1/2 - 1 Mile ESE
P125	CALLNL000000231	1/2 - 1 Mile ESE
126	CAEDF0000067761	1/2 - 1 Mile ESE
127	CADWR0000024362	1/2 - 1 Mile North
Q128	CAUSGSN00013813	1/2 - 1 Mile NNE
O131	CADDW0000010812	1/2 - 1 Mile ENE
P132	CADDW0000005829	1/2 - 1 Mile ESE
R134	CAEDF0000131879	1/2 - 1 Mile SE

STATE DATABASE WELL INFORMATION

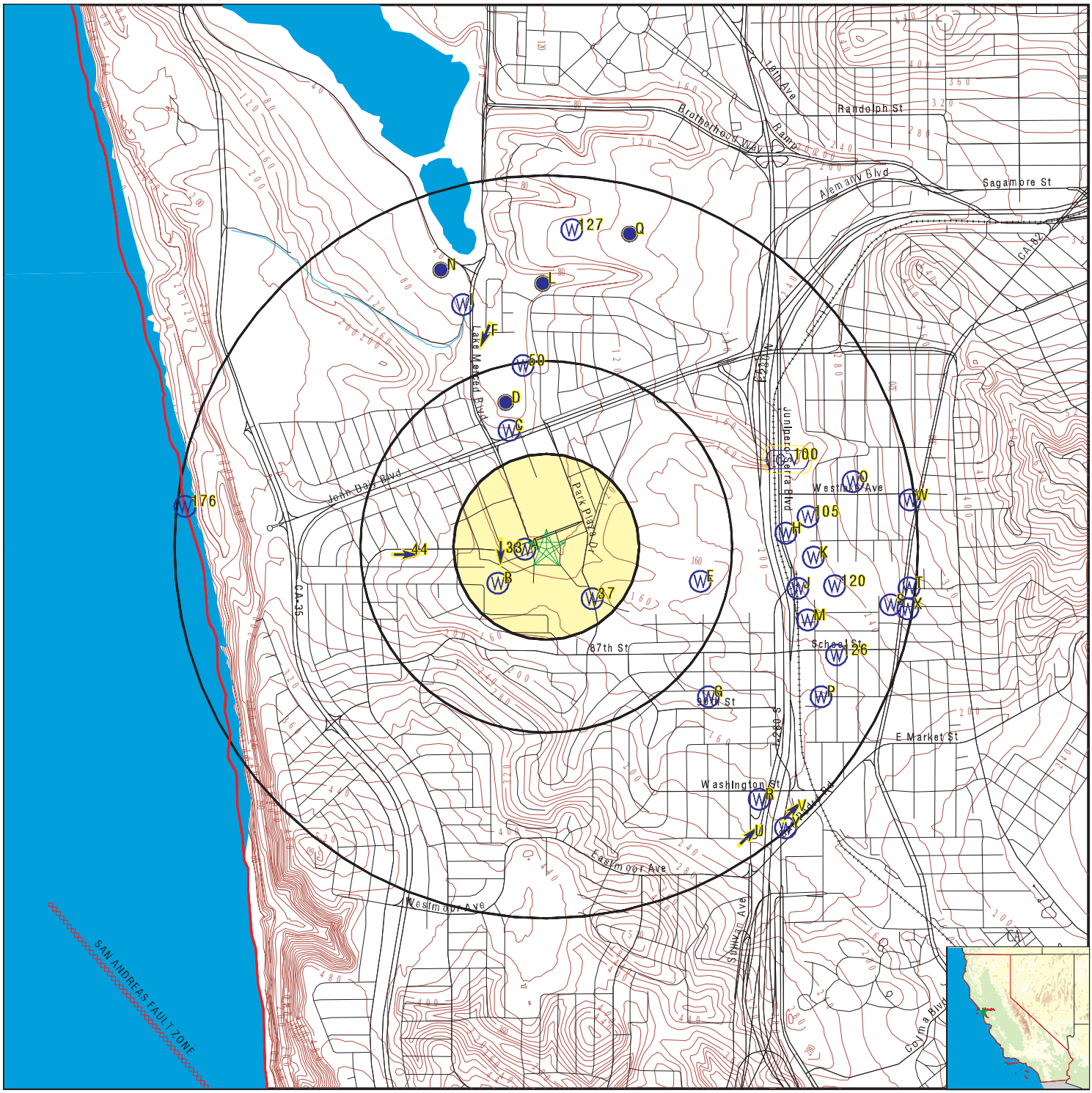
MAP ID	WELL ID	LOCATION FROM TP
R135	CAEDF0000089002	1/2 - 1 Mile SE
R136	CAEDF0000056349	1/2 - 1 Mile SE
S137	CAEDF0000022177	1/2 - 1 Mile East
S138	CAEDF0000077798	1/2 - 1 Mile East
T139	CAEDF0000058758	1/2 - 1 Mile East
U140	CAEDF0000004332	1/2 - 1 Mile SE
U141	CAEDF0000018773	1/2 - 1 Mile SE
U142	CAEDF0000119317	1/2 - 1 Mile SE
U143	CAEDF0000138770	1/2 - 1 Mile SE
U144	CAEDF0000038659	1/2 - 1 Mile SE
U145	CAEDF0000071642	1/2 - 1 Mile SE
V146	CAEDF0000096223	1/2 - 1 Mile SE
V147	CAEDF0000135010	1/2 - 1 Mile SE
U148	CAEDF0000137204	1/2 - 1 Mile SE
U149	CAEDF0000011357	1/2 - 1 Mile SE
U150	CAEDF0000104009	1/2 - 1 Mile SE
V151	CAEDF0000127185	1/2 - 1 Mile SE
U152	CAEDF0000098449	1/2 - 1 Mile SE
S153	CAEDF0000038852	1/2 - 1 Mile East
S154	CAEDF0000112333	1/2 - 1 Mile East
V155	CAEDF0000002909	1/2 - 1 Mile SE
V156	CAEDF0000077206	1/2 - 1 Mile SE
V157	CAEDF0000071484	1/2 - 1 Mile SE
S158	CAEDF0000072560	1/2 - 1 Mile East
V159	CAEDF0000083015	1/2 - 1 Mile SE
V160	CAEDF0000098956	1/2 - 1 Mile SE
V161	CAEDF0000048626	1/2 - 1 Mile SE
V162	CAEDF0000095847	1/2 - 1 Mile SE
V163	CAEDF0000142343	1/2 - 1 Mile SE
V164	CAEDF0000101339	1/2 - 1 Mile SE
V165	CAEDF0000091900	1/2 - 1 Mile SE
V166	CAEDF0000115958	1/2 - 1 Mile SE
V167	CAEDF0000060528	1/2 - 1 Mile SE
V169	CAEDF0000124849	1/2 - 1 Mile SE
V170	CAEDF0000096434	1/2 - 1 Mile SE
T171	CAEDF0000050430	1/2 - 1 Mile East
V172	CAEDF0000133754	1/2 - 1 Mile SE
T173	CAEDF0000116545	1/2 - 1 Mile East
V174	CAEDF0000051091	1/2 - 1 Mile SE
V175	CAEDF0000091991	1/2 - 1 Mile SE
176	CADWR0000037405	1/2 - 1 Mile West
V177	CAEDF0000101572	1/2 - 1 Mile SE
W178	CAEDF0000042285	1/2 - 1 Mile East
V179	CAEDF0000110690	1/2 - 1 Mile SE
V180	CAEDF0000043129	1/2 - 1 Mile SE
V181	CAEDF0000016522	1/2 - 1 Mile SE
T182	CAEDF0000094464	1/2 - 1 Mile East
T183	CAEDF0000082232	1/2 - 1 Mile East
T184	CAEDF0000104648	1/2 - 1 Mile East
T185	CAEDF0000000382	1/2 - 1 Mile East
T186	CAEDF0000019102	1/2 - 1 Mile East
T187	CAEDF0000114890	1/2 - 1 Mile East

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

STATE DATABASE WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
T188	CAEDF0000135591	1/2 - 1 Mile East
V189	CAEDF0000087519	1/2 - 1 Mile SE
V190	CAEDF0000118661	1/2 - 1 Mile SE
V191	CAEDF0000039247	1/2 - 1 Mile SE
X193	CAEDF0000095247	1/2 - 1 Mile East
X194	CAEDF0000095454	1/2 - 1 Mile East
T195	CAEDF0000140417	1/2 - 1 Mile East
T196	CAEDF0000090183	1/2 - 1 Mile East
Y197	CAEDF0000062093	1/2 - 1 Mile SE
T198	CAEDF0000105654	1/2 - 1 Mile East
T199	CAEDF0000116320	1/2 - 1 Mile East
T200	CAEDF0000097847	1/2 - 1 Mile East
T201	CAEDF0000018423	1/2 - 1 Mile East
T202	CAEDF0000023059	1/2 - 1 Mile East
W203	CAEDF0000063972	1/2 - 1 Mile East
Y204	CAEDF0000070060	1/2 - 1 Mile SE
Y205	CAEDF0000045561	1/2 - 1 Mile SE
Y206	CAEDF0000128609	1/2 - 1 Mile SE
V207	CAEDF0000090185	1/2 - 1 Mile SE

PHYSICAL SETTING SOURCE MAP - 6333828.2s



- County Boundary
- Major Roads
- Contour Lines
- Earthquake Fault Lines
- Earthquake epicenter, Richter 5 or greater
- Water Wells
- Public Water Supply Wells
- Cluster of Multiple Icons
- Groundwater Flow Direction
- Indeterminate Groundwater Flow at Location
- Groundwater Flow Varies at Location
- Closest Hydrogeological Data
- Oil, gas or related wells

SITE NAME:	99 Southgate Avenue	CLIENT:	Roux Associates Inc
ADDRESS:	99 Southgate Avenue Daly City CA 94015	CONTACT:	Emma Totsubo
LAT/LONG:	37.697424 / 122.482261	INQUIRY #:	6333828.2s
		DATE:	January 19, 2021 10:17 am

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GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

A1
West
0 - 1/8 Mile
Higher

CA WELLS **CAEDF0000139198**

Well ID:	T0608100027-MW-8	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-8
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608100027&assigned_name=MW-8&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608100027&assigned_name=MW-8		

A2
WSW
0 - 1/8 Mile
Higher

CA WELLS **CAEDF0000123817**

Well ID:	T0608100027-MW-7D	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-7D
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608100027&assigned_name=MW-7D&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608100027&assigned_name=MW-7D		

A3
WSW
0 - 1/8 Mile
Higher

CA WELLS **CAEDF0000038488**

Well ID:	T0608100027-MW-17	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-17
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608100027&assigned_name=MW-17&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608100027&assigned_name=MW-17		

A4
NW
0 - 1/8 Mile
Lower

CA WELLS **CAEDF0000078408**

Well ID:	T0608100027-MW-9	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-9
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608100027&assigned_name=MW-9&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608100027&assigned_name=MW-9		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

A5
West
0 - 1/8 Mile
Higher | **CA WELLS** | **CAEDF0000066075**

Well ID:	T0608100027-MW-2	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-2
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608100027&assigned_name=MW-2&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608100027&assigned_name=MW-2		

A6
West
0 - 1/8 Mile
Higher | **CA WELLS** | **CAEDF0000039932**

Well ID:	T0608100027-MW-7	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-7
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608100027&assigned_name=MW-7&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608100027&assigned_name=MW-7		

A7
West
0 - 1/8 Mile
Higher | **CA WELLS** | **CAEDF0000043800**

Well ID:	T0608100027-MW-1R	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-1R
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608100027&assigned_name=MW-1R&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608100027&assigned_name=MW-1R		

A8
West
0 - 1/8 Mile
Higher | **CA WELLS** | **CAEDF0000009738**

Well ID:	T0608100027-MW-1	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-1
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608100027&assigned_name=MW-1&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608100027&assigned_name=MW-1		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

A9
WSW
0 - 1/8 Mile
Higher

CA WELLS **CAEDF0000139740**

Well ID:	T0608100027-V-8	Well Type:	MONITORING
Source:	EDF	Other Name:	V-8
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608100027&assigned_name=V-8&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608100027&assigned_name=V-8		

A10
WSW
0 - 1/8 Mile
Higher

CA WELLS **CAEDF0000051562**

Well ID:	T0608100027-MW-12	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-12
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608100027&assigned_name=MW-12&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608100027&assigned_name=MW-12		

A11
WSW
0 - 1/8 Mile
Higher

CA WELLS **CAEDF0000128017**

Well ID:	T0608100027-MW-3D	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-3D
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608100027&assigned_name=MW-3D&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608100027&assigned_name=MW-3D		

A12
West
0 - 1/8 Mile
Higher

CA WELLS **CAEDF0000117558**

Well ID:	T0608100027-MW-4D	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-4D
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608100027&assigned_name=MW-4D&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608100027&assigned_name=MW-4D		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

A13
NW
0 - 1/8 Mile
Lower

CA WELLS **CAEDF0000075166**

Well ID:	T0608100027-MW-9D	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-9D
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608100027&assigned_name=MW-9D&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608100027&assigned_name=MW-9D		

A14
WSW
0 - 1/8 Mile
Higher

CA WELLS **CAEDF0000070057**

Well ID:	T0608100027-V-6	Well Type:	MONITORING
Source:	EDF	Other Name:	V-6
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608100027&assigned_name=V-6&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608100027&assigned_name=V-6		

A15
West
0 - 1/8 Mile
Higher

CA WELLS **CAEDF0000097101**

Well ID:	T0608100027-MW-4	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-4
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608100027&assigned_name=MW-4&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608100027&assigned_name=MW-4		

A16
West
0 - 1/8 Mile
Higher

CA WELLS **CAEDF0000081524**

Well ID:	T0608100027-V-9	Well Type:	MONITORING
Source:	EDF	Other Name:	V-9
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608100027&assigned_name=V-9&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608100027&assigned_name=V-9		

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

A17
West
0 - 1/8 Mile
Higher

CA WELLS **CAEDF0000010220**

Well ID:	T0608100027-MW-6	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-6
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608100027&assigned_name=MW-6&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608100027&assigned_name=MW-6		

A18
WSW
0 - 1/8 Mile
Higher

CA WELLS **CAEDF0000130708**

Well ID:	T0608100027-MW-5	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-5
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608100027&assigned_name=MW-5&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608100027&assigned_name=MW-5		

A19
West
0 - 1/8 Mile
Higher

CA WELLS **CAEDF0000031318**

Well ID:	T0608100027-SB-17	Well Type:	MONITORING
Source:	EDF	Other Name:	SB-17
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608100027&assigned_name=SB-17&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608100027&assigned_name=SB-17		

A20
West
0 - 1/8 Mile
Higher

CA WELLS **CAEDF0000075216**

Well ID:	T0608100027-V-4	Well Type:	MONITORING
Source:	EDF	Other Name:	V-4
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608100027&assigned_name=V-4&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608100027&assigned_name=V-4		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

A21
West
0 - 1/8 Mile
Higher

CA WELLS **CAEDF0000103901**

Well ID:	T0608100027-MW-5D	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-5D
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608100027&assigned_name=MW-5D&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608100027&assigned_name=MW-5D		

A22
WSW
0 - 1/8 Mile
Higher

CA WELLS **CAEDF0000097601**

Well ID:	T0608100027-MW-10	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-10
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608100027&assigned_name=MW-10&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608100027&assigned_name=MW-10		

A23
WSW
0 - 1/8 Mile
Higher

CA WELLS **CAEDF0000066057**

Well ID:	T0608100027-V-5	Well Type:	MONITORING
Source:	EDF	Other Name:	V-5
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608100027&assigned_name=V-5&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608100027&assigned_name=V-5		

A24
WSW
0 - 1/8 Mile
Higher

CA WELLS **CAEDF0000108988**

Well ID:	T0608100027-V-10	Well Type:	MONITORING
Source:	EDF	Other Name:	V-10
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608100027&assigned_name=V-10&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608100027&assigned_name=V-10		

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

A25
West
0 - 1/8 Mile
Higher

CA WELLS **CAEDF0000094284**

Well ID:	T0608100027-MW-19	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-19
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608100027&assigned_name=MW-19&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608100027&assigned_name=MW-19		

A26
West
0 - 1/8 Mile
Higher

CA WELLS **CAEDF0000071432**

Well ID:	T0608100027-MW-19D	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-19D
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608100027&assigned_name=MW-19D&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608100027&assigned_name=MW-19D		

A27
WSW
0 - 1/8 Mile
Higher

CA WELLS **CAEDF0000018682**

Well ID:	T0608100027-MW-6D	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-6D
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608100027&assigned_name=MW-6D&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608100027&assigned_name=MW-6D		

A28
West
0 - 1/8 Mile
Higher

CA WELLS **CAEDF0000085030**

Well ID:	T0608100027-MW-16	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-16
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608100027&assigned_name=MW-16&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608100027&assigned_name=MW-16		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

A29
West
0 - 1/8 Mile
Higher

CA WELLS **CAEDF0000054976**

Well ID:	T0608100027-V-14	Well Type:	MONITORING
Source:	EDF	Other Name:	V-14
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608100027&assigned_name=V-14&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608100027&assigned_name=V-14		

A30
West
0 - 1/8 Mile
Higher

CA WELLS **CAEDF0000097436**

Well ID:	T0608100027-MW-16D	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-16D
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608100027&assigned_name=MW-16D&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608100027&assigned_name=MW-16D		

A31
West
0 - 1/8 Mile
Higher

CA WELLS **CAEDF0000137405**

Well ID:	T0608100027-MW-18	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-18
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608100027&assigned_name=MW-18&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608100027&assigned_name=MW-18		

A32
West
0 - 1/8 Mile
Higher

CA WELLS **CAEDF0000067333**

Well ID:	T0608100027-MW-18D	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-18D
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608100027&assigned_name=MW-18D&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608100027&assigned_name=MW-18D		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

Database | EDR ID Number

33
West
0 - 1/8 Mile
Higher

Site ID:	41-0028
Groundwater Flow:	S
Shallow Water Depth:	53.61
Deep Water Depth:	55.64
Average Water Depth:	Not Reported
Date:	04/19/1999

AQUIFLOW **64716**

B34
SW
1/8 - 1/4 Mile
Higher

CA WELLS **CAUSGSN00001599**

Well ID:	USGS-374100122290001	Well Type:	UNK
Source:	United States Geological Survey		
Other Name:	USGS-374100122290001	GAMA PFAS Testing:	Not Reported
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=USGSNEW&samp_date=&global_id=&assigned_name=USGS-374100122290001&store_num=		
GeoTracker Data:	Not Reported		

B35
SW
1/8 - 1/4 Mile
Higher

CA WELLS **CAUSGS000001672**

Well ID:	SF-03	Well Type:	MUNICIPAL
Source:	United States Geological Survey		
Other Name:	SF-03	GAMA PFAS Testing:	Not Reported
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=USGS&samp_date=&global_id=&assigned_name=SF-03&store_num=		
GeoTracker Data:	Not Reported		

B36
SW
1/8 - 1/4 Mile
Higher

CA WELLS **CADDW0000019985**

Well ID:	4110013-013	Well Type:	MUNICIPAL
Source:	Department of Health Services		
Other Name:	WESTLAKE WELL	GAMA PFAS Testing:	Not Reported
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=DHS&samp_date=&global_id=&assigned_name=4110013-013&store_num=		
GeoTracker Data:	Not Reported		

37
SE
1/8 - 1/4 Mile
Higher

CA WELLS **CADWR8000035912**

State Well #:	Not Reported	Station ID:	48975
Well Name:	Park Plaza MW 460	Well Use:	Observation
Well Type:	Part of a nested/multi-completion well		
Well Depth:	460	Basin Name:	Westside

Well Completion Rpt #: Not Reported

C38
NNW **CA WELLS** **CAEDF0000090362**
1/4 - 1/2 Mile
Lower

Well ID:	T0608100148-MW-6	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-6
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608100148&assigned_name=MW-6&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608100148&assigned_name=MW-6		

C39
NNW **CA WELLS** **CAEDF0000129812**
1/4 - 1/2 Mile
Lower

Well ID:	T0608100148-MW-5	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-5
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608100148&assigned_name=MW-5&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608100148&assigned_name=MW-5		

C40
NNW **CA WELLS** **CAEDF0000053955**
1/4 - 1/2 Mile
Lower

Well ID:	T0608100148-MW-4	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-4
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608100148&assigned_name=MW-4&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608100148&assigned_name=MW-4		

C41
NNW **CA WELLS** **CAEDF0000043721**
1/4 - 1/2 Mile
Lower

Well ID:	T0608100148-MW-3R	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-3R
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608100148&assigned_name=MW-3R&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608100148&assigned_name=MW-3R		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

C42
NNW
1/4 - 1/2 Mile
Lower

CA WELLS **CAEDF0000120522**

Well ID:	T0608100148-MW-2	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-2
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608100148&assigned_name=MW-2&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608100148&assigned_name=MW-2		

C43
NNW
1/4 - 1/2 Mile
Lower

CA WELLS **CAEDF0000103409**

Well ID:	T0608100148-CPT-8	Well Type:	MONITORING
Source:	EDF	Other Name:	CPT-8
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608100148&assigned_name=CPT-8&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608100148&assigned_name=CPT-8		

44
West
1/4 - 1/2 Mile
Higher

Site ID:	41-0352
Groundwater Flow:	E
Shallow Water Depth:	51.71
Deep Water Depth:	59.41
Average Water Depth:	Not Reported
Date:	08/03/1995

AQUIFLOW **64159**

D45
NNW
1/4 - 1/2 Mile
Lower

CA WELLS **CAUSGSN00000900**

Well ID:	USGS-374211122285901	Well Type:	UNK
Source:	United States Geological Survey		
Other Name:	USGS-374211122285901	GAMA PFAS Testing:	Not Reported
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=USGSNEW&samp_date=&global_id=&assigned_name=USGS-374211122285901&store_num=		
GeoTracker Data:	Not Reported		

E46
ESE
1/4 - 1/2 Mile
Higher

CA WELLS **3563**

Seq:	3563	Prim sta c:	03S/06W-01Q01 M
Frds no:	4110013010	County:	41
District:	04	User id:	ENG

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

System no:	4110013	Water type:	G
Source nam:	JEFFERSON WELL	Station ty:	WELL/AMBNT/MUN/INTAKE/SUPPLY
Latitude:	374146.0	Longitude:	1222827.0
Precision:	4	Status:	AR
Comment 1:	ADJACENT TO HWY 280 NORTHBOUND WESTLAKE OFFRAMP ON ABANDONED SP		
Comment 2:	RIGHT OF WAY. ADJACENT TO COMMERCIAL BUSINESS. ADJACENT TO JEFFERSON		
Comment 3:	HIGH SCHOOL.	Comment 4:	Not Reported
Comment 5:	Not Reported	Comment 6:	Not Reported
Comment 7:	Not Reported		

System no:	4110013	System nam:	City Of Daly City
Hqname:	Not Reported	Address:	153 Lake Merced Blvd.
City:	Daly City	State:	CA
Zip:	94015	Zip ext:	Not Reported
Pop serv:	92311	Connection:	21600
Area serve:	DALY CITY		

Sample date:	07-MAR-18	Finding:	2.4
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		

Sample date:	07-MAR-18	Finding:	9.
Chemical:	CHROMIUM, HEXAVALENT	Report units:	UG/L
Dlr:	1.		

Sample date:	07-FEB-18	Finding:	2.4
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		

Sample date:	07-FEB-18	Finding:	8.2
Chemical:	CHROMIUM, HEXAVALENT	Report units:	UG/L
Dlr:	1.		

Sample date:	10-JAN-18	Finding:	2.4
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		

Sample date:	10-JAN-18	Finding:	6.7
Chemical:	CHROMIUM, HEXAVALENT	Report units:	UG/L
Dlr:	1.		

Sample date:	06-DEC-17	Finding:	6.2
Chemical:	CHROMIUM, HEXAVALENT	Report units:	UG/L
Dlr:	1.		

Sample date:	06-DEC-17	Finding:	2.1
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		

Sample date:	02-NOV-17	Finding:	2.4
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		

Sample date:	02-NOV-17	Finding:	8.4
Chemical:	CHROMIUM, HEXAVALENT	Report units:	UG/L
Dlr:	1.		

Sample date:	11-OCT-17	Finding:	2.2
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		

Sample date:	04-OCT-17	Finding:	8.

Chemical:	CHROMIUM, HEXAVALENT	Report units:	UG/L
Dlr:	1.		
Sample date:	13-SEP-17	Finding:	6.4
Chemical:	CHROMIUM, HEXAVALENT	Report units:	UG/L
Dlr:	1.		
Sample date:	13-SEP-17	Finding:	2.4
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	15-AUG-17	Finding:	7.
Chemical:	CHROMIUM, HEXAVALENT	Report units:	UG/L
Dlr:	1.		
Sample date:	15-AUG-17	Finding:	2.3
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	26-JUL-17	Finding:	2.4
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	25-JUL-17	Finding:	6.8
Chemical:	CHROMIUM, HEXAVALENT	Report units:	UG/L
Dlr:	1.		
Sample date:	08-JUN-17	Finding:	9.1
Chemical:	CHROMIUM, HEXAVALENT	Report units:	UG/L
Dlr:	1.		
Sample date:	08-JUN-17	Finding:	2.3
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	03-MAY-17	Finding:	2.4
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	03-MAY-17	Finding:	8.1
Chemical:	CHROMIUM, HEXAVALENT	Report units:	UG/L
Dlr:	1.		
Sample date:	05-APR-17	Finding:	2.2
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	05-APR-17	Finding:	9.4
Chemical:	CHROMIUM, HEXAVALENT	Report units:	UG/L
Dlr:	1.		
Sample date:	08-MAR-17	Finding:	2.2
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	08-MAR-17	Finding:	8.5
Chemical:	CHROMIUM, HEXAVALENT	Report units:	UG/L
Dlr:	1.		
Sample date:	09-FEB-17	Finding:	8.4
Chemical:	CHROMIUM, HEXAVALENT	Report units:	UG/L
Dlr:	1.		

Sample date:	09-FEB-17	Finding:	2.3
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	09-FEB-17	Finding:	11.
Chemical:	CHROMIUM (TOTAL)	Report units:	UG/L
Dlr:	10.		
Sample date:	12-JAN-17	Finding:	9.8
Chemical:	CHROMIUM, HEXAVALENT	Report units:	UG/L
Dlr:	1.		
Sample date:	12-JAN-17	Finding:	9.8
Chemical:	CHROMIUM, HEXAVALENT	Report units:	UG/L
Dlr:	1.		
Sample date:	12-JAN-17	Finding:	0.12
Chemical:	FLUORIDE (F) (NATURAL-SOURCE)	Report units:	MG/L
Dlr:	0.1		
Sample date:	12-JAN-17	Finding:	0.12
Chemical:	FLUORIDE (F) (NATURAL-SOURCE)	Report units:	MG/L
Dlr:	0.1		
Sample date:	12-JAN-17	Finding:	2.6
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	12-JAN-17	Finding:	11.
Chemical:	CHROMIUM (TOTAL)	Report units:	UG/L
Dlr:	10.		
Sample date:	12-JAN-17	Finding:	11.
Chemical:	CHROMIUM (TOTAL)	Report units:	UG/L
Dlr:	10.		
Sample date:	12-JAN-17	Finding:	11.
Chemical:	CHROMIUM (TOTAL)	Report units:	UG/L
Dlr:	10.		
Sample date:	12-JAN-17	Finding:	9.8
Chemical:	CHROMIUM, HEXAVALENT	Report units:	UG/L
Dlr:	1.		
Sample date:	13-DEC-16	Finding:	2.3
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	02-NOV-16	Finding:	10.
Chemical:	CHROMIUM, HEXAVALENT	Report units:	UG/L
Dlr:	1.		
Sample date:	02-NOV-16	Finding:	2.6
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	02-NOV-16	Finding:	11.
Chemical:	CHROMIUM (TOTAL)	Report units:	UG/L
Dlr:	10.		
Sample date:	19-OCT-16	Finding:	12.
Chemical:	CHROMIUM (TOTAL)	Report units:	UG/L

Dlr:	10.		
Sample date:	19-OCT-16	Finding:	11.
Chemical:	CHROMIUM, HEXAVALENT	Report units:	UG/L
Dlr:	1.		
Sample date:	05-OCT-16	Finding:	11.
Chemical:	CHROMIUM, HEXAVALENT	Report units:	UG/L
Dlr:	1.		
Sample date:	05-OCT-16	Finding:	2.9
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	05-OCT-16	Finding:	12.
Chemical:	CHROMIUM (TOTAL)	Report units:	UG/L
Dlr:	10.		
Sample date:	21-SEP-16	Finding:	12.
Chemical:	CHROMIUM, HEXAVALENT	Report units:	UG/L
Dlr:	1.		
Sample date:	21-SEP-16	Finding:	12.
Chemical:	CHROMIUM (TOTAL)	Report units:	UG/L
Dlr:	10.		
Sample date:	14-SEP-16	Finding:	2.8
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	14-SEP-16	Finding:	10.
Chemical:	CHROMIUM, HEXAVALENT	Report units:	UG/L
Dlr:	1.		
Sample date:	14-SEP-16	Finding:	12.
Chemical:	CHROMIUM (TOTAL)	Report units:	UG/L
Dlr:	10.		
Sample date:	24-AUG-16	Finding:	12.
Chemical:	CHROMIUM (TOTAL)	Report units:	UG/L
Dlr:	10.		
Sample date:	24-AUG-16	Finding:	12.
Chemical:	CHROMIUM, HEXAVALENT	Report units:	UG/L
Dlr:	1.		
Sample date:	10-AUG-16	Finding:	2.8
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	10-AUG-16	Finding:	12.
Chemical:	CHROMIUM, HEXAVALENT	Report units:	UG/L
Dlr:	1.		
Sample date:	10-AUG-16	Finding:	12.
Chemical:	CHROMIUM (TOTAL)	Report units:	UG/L
Dlr:	10.		
Sample date:	27-JUL-16	Finding:	12.
Chemical:	CHROMIUM, HEXAVALENT	Report units:	UG/L
Dlr:	1.		

Sample date:	27-JUL-16	Finding:	13.
Chemical:	CHROMIUM (TOTAL)	Report units:	UG/L
Dlr:	10.		
Sample date:	13-JUL-16	Finding:	14.
Chemical:	CHROMIUM (TOTAL)	Report units:	UG/L
Dlr:	10.		
Sample date:	13-JUL-16	Finding:	11.
Chemical:	CHROMIUM, HEXAVALENT	Report units:	UG/L
Dlr:	1.		
Sample date:	06-JUL-16	Finding:	3.
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	29-JUN-16	Finding:	10.
Chemical:	CHROMIUM, HEXAVALENT	Report units:	UG/L
Dlr:	1.		
Sample date:	29-JUN-16	Finding:	11.
Chemical:	CHROMIUM (TOTAL)	Report units:	UG/L
Dlr:	10.		
Sample date:	15-JUN-16	Finding:	11.
Chemical:	CHROMIUM, HEXAVALENT	Report units:	UG/L
Dlr:	1.		
Sample date:	15-JUN-16	Finding:	16.
Chemical:	CHROMIUM (TOTAL)	Report units:	UG/L
Dlr:	10.		
Sample date:	01-JUN-16	Finding:	11.
Chemical:	CHROMIUM (TOTAL)	Report units:	UG/L
Dlr:	10.		
Sample date:	01-JUN-16	Finding:	3.1
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	01-JUN-16	Finding:	10.
Chemical:	CHROMIUM, HEXAVALENT	Report units:	UG/L
Dlr:	1.		
Sample date:	04-MAY-16	Finding:	11.
Chemical:	CHROMIUM (TOTAL)	Report units:	UG/L
Dlr:	10.		
Sample date:	04-MAY-16	Finding:	11.
Chemical:	CHROMIUM, HEXAVALENT	Report units:	UG/L
Dlr:	1.		
Sample date:	04-MAY-16	Finding:	3.1
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	06-APR-16	Finding:	3.1
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	06-APR-16	Finding:	13.
Chemical:	CHROMIUM (TOTAL)	Report units:	UG/L

Dlr:	10.		
Sample date:	06-APR-16	Finding:	11.
Chemical:	CHROMIUM, HEXAVALENT	Report units:	UG/L
Dlr:	1.		
Sample date:	02-MAR-16	Finding:	13.
Chemical:	CHROMIUM (TOTAL)	Report units:	UG/L
Dlr:	10.		
Sample date:	02-MAR-16	Finding:	3.
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	02-MAR-16	Finding:	11.
Chemical:	CHROMIUM, HEXAVALENT	Report units:	UG/L
Dlr:	1.		
Sample date:	03-FEB-16	Finding:	1.49
Chemical:	GROSS ALPHA MDA95	Report units:	PCI/L
Dlr:	0.		
Sample date:	03-FEB-16	Finding:	0.596
Chemical:	RADIUM 228 COUNTING ERROR	Report units:	PCI/L
Dlr:	0.		
Sample date:	03-FEB-16	Finding:	0.228
Chemical:	RADIUM 226 COUNTING ERROR	Report units:	PCI/L
Dlr:	0.		
Sample date:	03-FEB-16	Finding:	1.06
Chemical:	GROSS ALPHA COUNTING ERROR	Report units:	PCI/L
Dlr:	0.		
Sample date:	03-FEB-16	Finding:	11.57
Chemical:	AGGRSSIVE INDEX (CORROSIVITY)	Report units:	Not Reported
Dlr:	0.		
Sample date:	03-FEB-16	Finding:	260.
Chemical:	TOTAL DISSOLVED SOLIDS	Report units:	MG/L
Dlr:	0.		
Sample date:	03-FEB-16	Finding:	22.
Chemical:	MANGANESE	Report units:	UG/L
Dlr:	20.		
Sample date:	03-FEB-16	Finding:	12.
Chemical:	CHROMIUM (TOTAL)	Report units:	UG/L
Dlr:	10.		
Sample date:	03-FEB-16	Finding:	11.
Chemical:	CHROMIUM, HEXAVALENT	Report units:	UG/L
Dlr:	1.		
Sample date:	03-FEB-16	Finding:	17.
Chemical:	SULFATE	Report units:	MG/L
Dlr:	0.5		
Sample date:	03-FEB-16	Finding:	64.
Chemical:	CHLORIDE	Report units:	MG/L
Dlr:	0.		

Sample date:	03-FEB-16	Finding:	1.8
Chemical:	POTASSIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	03-FEB-16	Finding:	34.
Chemical:	SODIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	03-FEB-16	Finding:	22.
Chemical:	MAGNESIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	03-FEB-16	Finding:	21.
Chemical:	CALCIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	03-FEB-16	Finding:	141.
Chemical:	HARDNESS (TOTAL) AS CACO3	Report units:	MG/L
Dlr:	0.		
Sample date:	03-FEB-16	Finding:	3.1
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	03-FEB-16	Finding:	59.
Chemical:	BICARBONATE ALKALINITY	Report units:	MG/L
Dlr:	0.		
Sample date:	03-FEB-16	Finding:	48.
Chemical:	ALKALINITY (TOTAL) AS CACO3	Report units:	MG/L
Dlr:	0.		
Sample date:	03-FEB-16	Finding:	8.17
Chemical:	PH, LABORATORY	Report units:	Not Reported
Dlr:	0.		
Sample date:	03-FEB-16	Finding:	0.47
Chemical:	RADIUM 226 MDA95	Report units:	PCI/L
Dlr:	0.		
Sample date:	03-FEB-16	Finding:	0.2
Chemical:	RADIUM 228 MDA95	Report units:	PCI/L
Dlr:	0.		
Sample date:	03-FEB-16	Finding:	430.
Chemical:	SPECIFIC CONDUCTANCE	Report units:	US
Dlr:	0.		
Sample date:	06-JAN-16	Finding:	2.9
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	06-JAN-16	Finding:	12.
Chemical:	CHROMIUM (TOTAL)	Report units:	UG/L
Dlr:	10.		
Sample date:	06-JAN-16	Finding:	11.
Chemical:	CHROMIUM, HEXAVALENT	Report units:	UG/L
Dlr:	1.		
Sample date:	19-DEC-15	Finding:	11.
Chemical:	CHROMIUM, HEXAVALENT	Report units:	UG/L

Dlr:	1.		
Sample date:	19-DEC-15	Finding:	12.
Chemical:	CHROMIUM (TOTAL)	Report units:	UG/L
Dlr:	10.		
Sample date:	18-DEC-15	Finding:	13.
Chemical:	CHROMIUM (TOTAL)	Report units:	UG/L
Dlr:	10.		
Sample date:	18-DEC-15	Finding:	11.
Chemical:	CHROMIUM, HEXAVALENT	Report units:	UG/L
Dlr:	1.		
Sample date:	16-DEC-15	Finding:	10.
Chemical:	CHROMIUM, HEXAVALENT	Report units:	UG/L
Dlr:	1.		
Sample date:	16-DEC-15	Finding:	11.
Chemical:	CHROMIUM (TOTAL)	Report units:	UG/L
Dlr:	10.		
Sample date:	15-DEC-15	Finding:	10.
Chemical:	CHROMIUM, HEXAVALENT	Report units:	UG/L
Dlr:	1.		
Sample date:	15-DEC-15	Finding:	13.
Chemical:	CHROMIUM (TOTAL)	Report units:	UG/L
Dlr:	10.		
Sample date:	14-DEC-15	Finding:	12.
Chemical:	CHROMIUM (TOTAL)	Report units:	UG/L
Dlr:	10.		
Sample date:	14-DEC-15	Finding:	11.
Chemical:	CHROMIUM, HEXAVALENT	Report units:	UG/L
Dlr:	1.		
Sample date:	13-DEC-15	Finding:	13.
Chemical:	CHROMIUM (TOTAL)	Report units:	UG/L
Dlr:	10.		
Sample date:	13-DEC-15	Finding:	10.
Chemical:	CHROMIUM, HEXAVALENT	Report units:	UG/L
Dlr:	1.		
Sample date:	12-DEC-15	Finding:	12.
Chemical:	CHROMIUM (TOTAL)	Report units:	UG/L
Dlr:	10.		
Sample date:	12-DEC-15	Finding:	10.
Chemical:	CHROMIUM, HEXAVALENT	Report units:	UG/L
Dlr:	1.		
Sample date:	11-DEC-15	Finding:	9.7
Chemical:	CHROMIUM, HEXAVALENT	Report units:	UG/L
Dlr:	1.		
Sample date:	11-DEC-15	Finding:	12.
Chemical:	CHROMIUM (TOTAL)	Report units:	UG/L
Dlr:	10.		

Sample date:	10-DEC-15	Finding:	10.
Chemical:	CHROMIUM, HEXAVALENT	Report units:	UG/L
Dlr:	1.		
Sample date:	10-DEC-15	Finding:	12.
Chemical:	CHROMIUM (TOTAL)	Report units:	UG/L
Dlr:	10.		
Sample date:	09-DEC-15	Finding:	14.
Chemical:	CHROMIUM (TOTAL)	Report units:	UG/L
Dlr:	10.		
Sample date:	09-DEC-15	Finding:	11.
Chemical:	CHROMIUM, HEXAVALENT	Report units:	UG/L
Dlr:	1.		
Sample date:	08-DEC-15	Finding:	12.
Chemical:	CHROMIUM (TOTAL)	Report units:	UG/L
Dlr:	10.		
Sample date:	08-DEC-15	Finding:	12.
Chemical:	CHROMIUM, HEXAVALENT	Report units:	UG/L
Dlr:	1.		
Sample date:	07-DEC-15	Finding:	12.
Chemical:	CHROMIUM (TOTAL)	Report units:	UG/L
Dlr:	10.		
Sample date:	07-DEC-15	Finding:	11.
Chemical:	CHROMIUM, HEXAVALENT	Report units:	UG/L
Dlr:	1.		
Sample date:	06-DEC-15	Finding:	11.
Chemical:	CHROMIUM, HEXAVALENT	Report units:	UG/L
Dlr:	1.		
Sample date:	06-DEC-15	Finding:	13.
Chemical:	CHROMIUM (TOTAL)	Report units:	UG/L
Dlr:	10.		
Sample date:	05-DEC-15	Finding:	11.
Chemical:	CHROMIUM, HEXAVALENT	Report units:	UG/L
Dlr:	1.		
Sample date:	05-DEC-15	Finding:	13.
Chemical:	CHROMIUM (TOTAL)	Report units:	UG/L
Dlr:	10.		
Sample date:	04-DEC-15	Finding:	13.
Chemical:	CHROMIUM (TOTAL)	Report units:	UG/L
Dlr:	10.		
Sample date:	04-DEC-15	Finding:	9.4
Chemical:	CHROMIUM, HEXAVALENT	Report units:	UG/L
Dlr:	1.		
Sample date:	03-DEC-15	Finding:	13.
Chemical:	CHROMIUM (TOTAL)	Report units:	UG/L
Dlr:	10.		
Sample date:	03-DEC-15	Finding:	11.
Chemical:	CHROMIUM, HEXAVALENT	Report units:	UG/L

Dlr:	1.		
Sample date:	02-DEC-15	Finding:	14.
Chemical:	CHROMIUM (TOTAL)	Report units:	UG/L
Dlr:	10.		
Sample date:	02-DEC-15	Finding:	11.
Chemical:	CHROMIUM, HEXAVALENT	Report units:	UG/L
Dlr:	1.		
Sample date:	01-DEC-15	Finding:	13.
Chemical:	CHROMIUM (TOTAL)	Report units:	UG/L
Dlr:	10.		
Sample date:	01-DEC-15	Finding:	11.
Chemical:	CHROMIUM, HEXAVALENT	Report units:	UG/L
Dlr:	1.		
Sample date:	25-AUG-15	Finding:	14.
Chemical:	CHROMIUM (TOTAL)	Report units:	UG/L
Dlr:	10.		
Sample date:	25-AUG-15	Finding:	4.7
Chemical:	CHROMIUM, HEXAVALENT	Report units:	UG/L
Dlr:	1.		
Sample date:	04-AUG-15	Finding:	7.3e-002
Chemical:	RA-226 OR TOTAL RA BY 903.0 C.E.	Report units:	PCI/L
Dlr:	0.		
Sample date:	04-AUG-15	Finding:	0.47
Chemical:	RADIUM, TOTAL, MDA95-NTNC ONLY, BY 903.0		
Report units:	PCI/L	Dlr:	0.
Sample date:	04-AUG-15	Finding:	1.44
Chemical:	GROSS ALPHA MDA95	Report units:	PCI/L
Dlr:	0.		
Sample date:	04-AUG-15	Finding:	0.514
Chemical:	RADIUM 228 COUNTING ERROR	Report units:	PCI/L
Dlr:	0.		
Sample date:	04-AUG-15	Finding:	0.856
Chemical:	GROSS ALPHA COUNTING ERROR	Report units:	PCI/L
Dlr:	0.		
Sample date:	04-AUG-15	Finding:	10.7
Chemical:	AGGRSSIVE INDEX (CORROSIVITY)	Report units:	Not Reported
Dlr:	0.		
Sample date:	04-AUG-15	Finding:	0.39
Chemical:	TURBIDITY, LABORATORY	Report units:	NTU
Dlr:	0.1		
Sample date:	04-AUG-15	Finding:	9.5
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	04-AUG-15	Finding:	270.
Chemical:	TOTAL DISSOLVED SOLIDS	Report units:	MG/L
Dlr:	0.		

Sample date:	04-AUG-15	Finding:	620.
Chemical:	MANGANESE	Report units:	UG/L
Dlr:	20.		
Sample date:	04-AUG-15	Finding:	580.
Chemical:	IRON	Report units:	UG/L
Dlr:	100.		
Sample date:	04-AUG-15	Finding:	0.24
Chemical:	FLUORIDE (F) (NATURAL-SOURCE)	Report units:	MG/L
Dlr:	0.1		
Sample date:	04-AUG-15	Finding:	13.
Chemical:	SULFATE	Report units:	MG/L
Dlr:	0.5		
Sample date:	04-AUG-15	Finding:	72.
Chemical:	CHLORIDE	Report units:	MG/L
Dlr:	0.		
Sample date:	04-AUG-15	Finding:	1.8
Chemical:	POTASSIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	04-AUG-15	Finding:	29.
Chemical:	SODIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	04-AUG-15	Finding:	17.
Chemical:	MAGNESIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	04-AUG-15	Finding:	15.
Chemical:	CALCIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	04-AUG-15	Finding:	110.
Chemical:	HARDNESS (TOTAL) AS CACO3	Report units:	MG/L
Dlr:	0.		
Sample date:	04-AUG-15	Finding:	100.
Chemical:	BICARBONATE ALKALINITY	Report units:	MG/L
Dlr:	0.		
Sample date:	04-AUG-15	Finding:	86.
Chemical:	ALKALINITY (TOTAL) AS CACO3	Report units:	MG/L
Dlr:	0.		
Sample date:	04-AUG-15	Finding:	7.18
Chemical:	PH, LABORATORY	Report units:	Not Reported
Dlr:	0.		
Sample date:	04-AUG-15	Finding:	420.
Chemical:	SPECIFIC CONDUCTANCE	Report units:	US
Dlr:	0.		
Sample date:	04-AUG-15	Finding:	0.2
Chemical:	RADIUM 228 MDA95	Report units:	PCI/L
Dlr:	0.		
Sample date:	10-APR-13	Finding:	58.
Chemical:	CHLORIDE	Report units:	MG/L

Dlr:	0.		
Sample date:	10-APR-13	Finding:	13.
Chemical:	SULFATE	Report units:	MG/L
Dlr:	0.5		
Sample date:	10-APR-13	Finding:	0.13
Chemical:	FLUORIDE (F) (NATURAL-SOURCE)	Report units:	MG/L
Dlr:	0.1		
Sample date:	10-APR-13	Finding:	29.
Chemical:	MANGANESE	Report units:	UG/L
Dlr:	20.		
Sample date:	10-APR-13	Finding:	260.
Chemical:	TOTAL DISSOLVED SOLIDS	Report units:	MG/L
Dlr:	0.		
Sample date:	10-APR-13	Finding:	11.95
Chemical:	AGGRSSIVE INDEX (CORROSIVITY)	Report units:	Not Reported
Dlr:	0.		
Sample date:	10-APR-13	Finding:	20.
Chemical:	MAGNESIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	10-APR-13	Finding:	19.
Chemical:	CALCIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	10-APR-13	Finding:	131.
Chemical:	HARDNESS (TOTAL) AS CACO3	Report units:	MG/L
Dlr:	0.		
Sample date:	10-APR-13	Finding:	140.
Chemical:	BICARBONATE ALKALINITY	Report units:	MG/L
Dlr:	0.		
Sample date:	10-APR-13	Finding:	110.
Chemical:	ALKALINITY (TOTAL) AS CACO3	Report units:	MG/L
Dlr:	0.		
Sample date:	10-APR-13	Finding:	8.22
Chemical:	PH, LABORATORY	Report units:	Not Reported
Dlr:	0.		
Sample date:	10-APR-13	Finding:	420.
Chemical:	SPECIFIC CONDUCTANCE	Report units:	US
Dlr:	0.		
Sample date:	10-APR-13	Finding:	33.
Chemical:	SODIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	06-JUN-12	Finding:	9.9
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	01-FEB-12	Finding:	9.7
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		

Sample date:	04-JAN-12	Finding:	9.8
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		

D47
NNW
1/4 - 1/2 Mile
Lower

FED USGS **USGS40000185040**

Organization ID:	USGS-CA		
Organization Name:	USGS California Water Science Center		
Monitor Location:	003S006W02H001M	Type:	Well
Description:	SURVEYED ALTITUDE OF MP IS CONSIDERED TO BE LSD.		
HUC:	18050006	Drainage Area:	Not Reported
Drainage Area Units:	Not Reported	Contrib Drainage Area:	Not Reported
Contrib Drainage Area Unts:	Not Reported	Aquifer:	Other aquifers
Formation Type:	Not Reported	Aquifer Type:	Not Reported
Construction Date:	19870715	Well Depth:	80
Well Depth Units:	ft	Well Hole Depth:	80
Well Hole Depth Units:	ft		

D48
NNW
1/4 - 1/2 Mile
Lower

CA WELLS **CAEDF0000110133**

Well ID:	T0608100148-CPT-6	Well Type:	MONITORING
Source:	EDF	Other Name:	CPT-6
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608100148&assigned_name=CPT-6&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608100148&assigned_name=CPT-6		

E49
ESE
1/4 - 1/2 Mile
Higher

CA WELLS **CADDW0000006156**

Well ID:	4110013-010	Well Type:	MUNICIPAL
Source:	Department of Health Services		
Other Name:	JEFFERSON WELL	GAMA PFAS Testing:	Not Reported
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=DHS&samp_date=&global_id=&assigned_name=4110013-010&store_num=		
GeoTracker Data:	Not Reported		

50
North
1/4 - 1/2 Mile
Lower

CA WELLS **CAEDF0000101249**

Well ID:	T0608100148-CPT-7	Well Type:	MONITORING
Source:	EDF	Other Name:	CPT-7
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608100148&assigned_name=CPT-7&store_num=		

GeoTracker Data: https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608100148&assigned_name=CPT-7

F51
NNW
1/2 - 1 Mile
Lower

CA WELLS **CADWR8000035996**

State Well #:	Not Reported	Station ID:	48974
Well Name:	LMMW-6D	Well Use:	Observation
Well Type:	Part of a nested/multi-completion well		
Well Depth:	255	Basin Name:	Westside
Well Completion Rpt #:	Not Reported		

G52
SE
1/2 - 1 Mile
Higher

CA WELLS **3568**

Seq:	3568	Prim sta c:	03S/06W-12C01 M
Frds no:	4110013004	County:	41
District:	04	User id:	ENG
System no:	4110013	Water type:	G
Source nam:	WELL 04 (CITRUS)	Station ty:	WELL/AMBNT/MUN/INTAKE
Latitude:	374130.0	Longitude:	1222825.0
Precision:	3	Status:	AR
Comment 1:	Not Reported	Comment 2:	Not Reported
Comment 3:	Not Reported	Comment 4:	Not Reported
Comment 5:	Not Reported	Comment 6:	Not Reported
Comment 7:	Not Reported		

System no:	4110013	System nam:	City Of Daly City
Hqname:	Not Reported	Address:	153 Lake Merced Blvd.
City:	Daly City	State:	CA
Zip:	94015	Zip ext:	Not Reported
Pop serv:	92311	Connection:	21600
Area serve:	DALY CITY		

Sample date:	09-MAR-16	Finding:	18.
Chemical:	CHROMIUM (TOTAL)	Report units:	UG/L
Dlr:	10.		

Sample date:	09-MAR-16	Finding:	17.
Chemical:	CHROMIUM, HEXAVALENT	Report units:	UG/L
Dlr:	1.		

Sample date:	09-MAR-16	Finding:	17.
Chemical:	CHROMIUM, HEXAVALENT	Report units:	UG/L
Dlr:	1.		

Sample date:	09-MAR-16	Finding:	14.
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		

Sample date:	09-MAR-16	Finding:	18.
Chemical:	CHROMIUM (TOTAL)	Report units:	UG/L
Dlr:	10.		

Sample date:	20-JAN-16	Finding:	29.
Chemical:	CALCIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	20-JAN-16	Finding:	0.264
Chemical:	RADIUM 228 MDA95	Report units:	PCI/L
Dlr:	0.		
Sample date:	20-JAN-16	Finding:	0.47
Chemical:	RADIUM 226 MDA95	Report units:	PCI/L
Dlr:	0.		
Sample date:	20-JAN-16	Finding:	1.59
Chemical:	GROSS ALPHA MDA95	Report units:	PCI/L
Dlr:	0.		
Sample date:	20-JAN-16	Finding:	0.725
Chemical:	RADIUM 228 COUNTING ERROR	Report units:	PCI/L
Dlr:	0.		
Sample date:	20-JAN-16	Finding:	0.148
Chemical:	RADIUM 226 COUNTING ERROR	Report units:	PCI/L
Dlr:	0.		
Sample date:	20-JAN-16	Finding:	1.18
Chemical:	GROSS ALPHA COUNTING ERROR	Report units:	PCI/L
Dlr:	0.		
Sample date:	20-JAN-16	Finding:	11.41
Chemical:	AGGRSSIVE INDEX (CORROSIVITY)	Report units:	Not Reported
Dlr:	0.		
Sample date:	20-JAN-16	Finding:	0.18
Chemical:	TURBIDITY, LABORATORY	Report units:	NTU
Dlr:	0.1		
Sample date:	20-JAN-16	Finding:	350.
Chemical:	TOTAL DISSOLVED SOLIDS	Report units:	MG/L
Dlr:	0.		
Sample date:	20-JAN-16	Finding:	16.
Chemical:	CHROMIUM (TOTAL)	Report units:	UG/L
Dlr:	10.		
Sample date:	20-JAN-16	Finding:	17.
Chemical:	CHROMIUM, HEXAVALENT	Report units:	UG/L
Dlr:	1.		
Sample date:	20-JAN-16	Finding:	17.
Chemical:	CHROMIUM, HEXAVALENT	Report units:	UG/L
Dlr:	1.		
Sample date:	20-JAN-16	Finding:	15.
Chemical:	CHROMIUM (TOTAL)	Report units:	UG/L
Dlr:	10.		
Sample date:	20-JAN-16	Finding:	540.
Chemical:	SPECIFIC CONDUCTANCE	Report units:	US
Dlr:	0.		
Sample date:	20-JAN-16	Finding:	7.48
Chemical:	PH, LABORATORY	Report units:	Not Reported

Dlr:	0.		
Sample date:	20-JAN-16	Finding:	120.
Chemical:	ALKALINITY (TOTAL) AS CACO3	Report units:	MG/L
Dlr:	0.		
Sample date:	20-JAN-16	Finding:	150.
Chemical:	BICARBONATE ALKALINITY	Report units:	MG/L
Dlr:	0.		
Sample date:	20-JAN-16	Finding:	13.
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	20-JAN-16	Finding:	186.
Chemical:	HARDNESS (TOTAL) AS CACO3	Report units:	MG/L
Dlr:	0.		
Sample date:	20-JAN-16	Finding:	28.
Chemical:	MAGNESIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	20-JAN-16	Finding:	35.
Chemical:	SODIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	20-JAN-16	Finding:	1.3
Chemical:	POTASSIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	20-JAN-16	Finding:	60.
Chemical:	CHLORIDE	Report units:	MG/L
Dlr:	0.		
Sample date:	20-JAN-16	Finding:	34.
Chemical:	SULFATE	Report units:	MG/L
Dlr:	0.5		
Sample date:	19-JAN-16	Finding:	13.
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	18-JAN-16	Finding:	14.
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	02-SEP-15	Finding:	55.
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	25-AUG-15	Finding:	17.
Chemical:	CHROMIUM, HEXAVALENT	Report units:	UG/L
Dlr:	1.		
Sample date:	25-AUG-15	Finding:	17.
Chemical:	CHROMIUM (TOTAL)	Report units:	UG/L
Dlr:	10.		
Sample date:	25-AUG-15	Finding:	54.
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		

Sample date:	01-JUL-15	Finding:	84.
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	03-JUN-15	Finding:	38.
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	13-MAY-15	Finding:	17.
Chemical:	CHROMIUM, HEXAVALENT	Report units:	UG/L
Dlr:	1.		
Sample date:	13-MAY-15	Finding:	53.
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	08-APR-15	Finding:	57.
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	19-MAR-15	Finding:	19.
Chemical:	CHROMIUM (TOTAL)	Report units:	UG/L
Dlr:	10.		
Sample date:	19-MAR-15	Finding:	17.
Chemical:	CHROMIUM, HEXAVALENT	Report units:	UG/L
Dlr:	1.		
Sample date:	04-MAR-15	Finding:	39.
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	10-FEB-15	Finding:	53.
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	14-JAN-15	Finding:	52.
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	10-DEC-14	Finding:	63.
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	05-NOV-14	Finding:	59.
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	16-OCT-14	Finding:	73.
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	02-OCT-14	Finding:	85.
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	10-SEP-14	Finding:	61.
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	13-AUG-14	Finding:	61.
Chemical:	NITRATE (AS NO3)	Report units:	MG/L

Dlr:	2.		
Sample date:	02-JUL-14	Finding:	62.
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	04-JUN-14	Finding:	63.
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	07-MAY-14	Finding:	57.
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	02-APR-14	Finding:	40.
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	05-MAR-14	Finding:	54.
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	20-FEB-14	Finding:	69.
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	08-JAN-14	Finding:	63.
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	04-DEC-13	Finding:	54.
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	07-NOV-13	Finding:	58.
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	25-OCT-13	Finding:	54.
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	25-OCT-13	Finding:	53.
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	24-OCT-13	Finding:	56.
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	24-OCT-13	Finding:	59.
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	23-OCT-13	Finding:	72.
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	23-OCT-13	Finding:	68.
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		

Sample date:	04-SEP-13	Finding:	65.
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	21-AUG-13	Finding:	68.
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	03-JUL-13	Finding:	63.
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	05-JUN-13	Finding:	56.
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	08-MAY-13	Finding:	67.
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	10-APR-13	Finding:	12.02
Chemical:	AGGRSSIVE INDEX (CORROSIVITY)	Report units:	Not Reported
Dlr:	0.		
Sample date:	10-APR-13	Finding:	15.
Chemical:	CHROMIUM (TOTAL)	Report units:	UG/L
Dlr:	10.		
Sample date:	10-APR-13	Finding:	35.
Chemical:	SULFATE	Report units:	MG/L
Dlr:	0.5		
Sample date:	10-APR-13	Finding:	56.
Chemical:	CHLORIDE	Report units:	MG/L
Dlr:	0.		
Sample date:	10-APR-13	Finding:	38.
Chemical:	SODIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	10-APR-13	Finding:	28.
Chemical:	MAGNESIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	10-APR-13	Finding:	29.
Chemical:	CALCIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	10-APR-13	Finding:	187.
Chemical:	HARDNESS (TOTAL) AS CACO3	Report units:	MG/L
Dlr:	0.		
Sample date:	10-APR-13	Finding:	160.
Chemical:	BICARBONATE ALKALINITY	Report units:	MG/L
Dlr:	0.		
Sample date:	10-APR-13	Finding:	130.
Chemical:	ALKALINITY (TOTAL) AS CACO3	Report units:	MG/L
Dlr:	0.		
Sample date:	10-APR-13	Finding:	8.05
Chemical:	PH, LABORATORY	Report units:	Not Reported

Dlr:	0.		
Sample date:	10-APR-13	Finding:	560.
Chemical:	SPECIFIC CONDUCTANCE	Report units:	US
Dlr:	0.		
Sample date:	10-APR-13	Finding:	350.
Chemical:	TOTAL DISSOLVED SOLIDS	Report units:	MG/L
Dlr:	0.		
Sample date:	03-APR-13	Finding:	57.
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	06-MAR-13	Finding:	64.
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	10-JAN-13	Finding:	64.
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	05-DEC-12	Finding:	61.
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	07-NOV-12	Finding:	59.
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	04-OCT-12	Finding:	59.
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	11-JUL-12	Finding:	65.
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	06-JUN-12	Finding:	60.
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	02-MAY-12	Finding:	62.
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	04-APR-12	Finding:	63.
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	07-MAR-12	Finding:	63.
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	01-FEB-12	Finding:	59.
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	04-JAN-12	Finding:	57.
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

G53
SE
1/2 - 1 Mile
Higher

CA WELLS **CALLNL000001065**

Well ID:	100884	Well Type:	MUNICIPAL
Source:	Lawrence Livermore National Laboratory		
Other Name:	03S/06W-12C01 M	GAMA PFAS Testing:	Not Reported
Groundwater Quality Data:	Not Reported		
GeoTracker Data:	Not Reported		

Chemical:	Helium-4	Results:	.0000000578258
Units:	cm3STP/g	Date:	01/22/2002
Chemical:	Krypton	Results:	.0000000866141
Units:	cm3STP/g	Date:	01/22/2002
Chemical:	Argon	Results:	.000391093
Units:	cm3STP/g	Date:	01/22/2002
Chemical:	Neon	Results:	.000000246702
Units:	cm3STP/g	Date:	01/22/2002
Chemical:	Xenon	Results:	.0000000121231
Units:	cm3STP/g	Date:	01/22/2002
Chemical:	Helium-3/Helium-4	Results:	.00000156948
Units:	atom ratio	Date:	01/22/2002
Chemical:	Tritium (Hydrogen 3)	Results:	5.76
Units:	pCi/L	Date:	12/04/2001

F54
NNW
1/2 - 1 Mile
Lower

AQUIFLOW **64713**

Site ID:	41-0190
Groundwater Flow:	SSW
Shallow Water Depth:	Not Reported
Deep Water Depth:	240
Average Water Depth:	Not Reported
Date:	02/20/1998

G55
SE
1/2 - 1 Mile
Higher

CA WELLS **CADDW0000012430**

Well ID:	4110013-004	Well Type:	MUNICIPAL
Source:	Department of Health Services		
Other Name:	WELL 04 (CITRUS)	GAMA PFAS Testing:	Not Reported
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=DHS&samp_date=&global_id=&assigned_name=4110013-004&store_num=		
GeoTracker Data:	Not Reported		

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

H56
East
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000001901**

Well ID:	T0608198948-MW-11	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-11
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608198948&assigned_name=MW-11&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608198948&assigned_name=MW-11		

H57
East
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000079428**

Well ID:	T0608198948-MW-14 (3)	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-14 (3)
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608198948&assigned_name=MW-14 (3)&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608198948&assigned_name=MW-14 (3)		

H58
East
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000067310**

Well ID:	T0608198948-MW-14 (2)	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-14 (2)
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608198948&assigned_name=MW-14 (2)&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608198948&assigned_name=MW-14 (2)		

H59
East
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000066022**

Well ID:	T0608198948-MW-14 (4)	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-14 (4)
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608198948&assigned_name=MW-14 (4)&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608198948&assigned_name=MW-14 (4)		

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

H60
East
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000052575**

Well ID:	T0608198948-MW-10	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-10
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608198948&assigned_name=MW-10&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608198948&assigned_name=MW-10		

H61
East
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000046559**

Well ID:	T0608198948-MW-15	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-15
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608198948&assigned_name=MW-15&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608198948&assigned_name=MW-15		

H62
East
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000082737**

Well ID:	T0608198948-MW-9	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-9
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608198948&assigned_name=MW-9&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608198948&assigned_name=MW-9		

H63
East
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000062947**

Well ID:	T0608198948-MW-12	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-12
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608198948&assigned_name=MW-12&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608198948&assigned_name=MW-12		

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

H64
East
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000099892**

Well ID:	T0608198948-MW-8	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-8
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608198948&assigned_name=MW-8&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608198948&assigned_name=MW-8		

H65
East
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000136695**

Well ID:	T0608198948-MW-13 (3)	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-13 (3)
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608198948&assigned_name=MW-13 (3)&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608198948&assigned_name=MW-13 (3)		

H66
East
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000060007**

Well ID:	T0608198948-MW-13 (2)	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-13 (2)
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608198948&assigned_name=MW-13 (2)&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608198948&assigned_name=MW-13 (2)		

H67
East
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000000818**

Well ID:	T0608198948-MW-7	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-7
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608198948&assigned_name=MW-7&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608198948&assigned_name=MW-7		

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

H68
East
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000048145**

Well ID:	T0608198948-B-19	Well Type:	MONITORING
Source:	EDF	Other Name:	B-19
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608198948&assigned_name=B-19&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608198948&assigned_name=B-19		

H69
East
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000102597**

Well ID:	T0608198948-MW-5	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-5
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608198948&assigned_name=MW-5&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608198948&assigned_name=MW-5		

H70
East
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000012268**

Well ID:	T0608100783-MW-18	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-18
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608100783&assigned_name=MW-18&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608100783&assigned_name=MW-18		

H71
East
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000005256**

Well ID:	T0608100783-MW-19	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-19
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608100783&assigned_name=MW-19&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608100783&assigned_name=MW-19		

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

H72
East
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000077959**

Well ID:	T0608198948-MW-18	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-18
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608198948&assigned_name=MW-18&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608198948&assigned_name=MW-18		

H73
East
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000112140**

Well ID:	T0608198948-MW-19	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-19
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608198948&assigned_name=MW-19&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608198948&assigned_name=MW-19		

H74
East
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000062746**

Well ID:	T0608198948-MW-20	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-20
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608198948&assigned_name=MW-20&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608198948&assigned_name=MW-20		

H75
East
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000038642**

Well ID:	T0608100783-MW-20	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-20
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608100783&assigned_name=MW-20&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608100783&assigned_name=MW-20		

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

H76
East
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000013015**

Well ID:	T0608198948-MW-22	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-22
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608198948&assigned_name=MW-22&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608198948&assigned_name=MW-22		

H77
East
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000092463**

Well ID:	T0608100783-MW-21	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-21
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608100783&assigned_name=MW-21&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608100783&assigned_name=MW-21		

H78
East
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000123016**

Well ID:	T0608198948-AS-1	Well Type:	MONITORING
Source:	EDF	Other Name:	AS-1
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608198948&assigned_name=AS-1&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608198948&assigned_name=AS-1		

H79
East
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000143067**

Well ID:	T0608198948-MW-21	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-21
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608198948&assigned_name=MW-21&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608198948&assigned_name=MW-21		

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

H80
East
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000094158**

Well ID:	T0608100783-AS-1	Well Type:	MONITORING
Source:	EDF	Other Name:	AS-1
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608100783&assigned_name=AS-1&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608100783&assigned_name=AS-1		

H81
East
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000107355**

Well ID:	T0608100783-MW-22	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-22
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608100783&assigned_name=MW-22&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608100783&assigned_name=MW-22		

H82
East
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000013425**

Well ID:	T0608100783-MW-17	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-17
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608100783&assigned_name=MW-17&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608100783&assigned_name=MW-17		

H83
East
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000121113**

Well ID:	T0608198948-MW-1	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-1
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608198948&assigned_name=MW-1&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608198948&assigned_name=MW-1		

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

H84
East
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000128878**

Well ID:	T0608198948-MW-16	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-16
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608198948&assigned_name=MW-16&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608198948&assigned_name=MW-16		

H85
East
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000056971**

Well ID:	T0608198948-MW-17	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-17
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608198948&assigned_name=MW-17&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608198948&assigned_name=MW-17		

H86
East
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000100061**

Well ID:	T0608100783-MW-16	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-16
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608100783&assigned_name=MW-16&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608100783&assigned_name=MW-16		

H87
East
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000113727**

Well ID:	T0608198948-B-18	Well Type:	MONITORING
Source:	EDF	Other Name:	B-18
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608198948&assigned_name=B-18&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608198948&assigned_name=B-18		

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

H88
East
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000105473**

Well ID:	T0608198948-MW-6	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-6
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608198948&assigned_name=MW-6&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608198948&assigned_name=MW-6		

H89
East
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000003396**

Well ID:	T0608198948-MW-3	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-3
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608198948&assigned_name=MW-3&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608198948&assigned_name=MW-3		

H90
East
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000073145**

Well ID:	T0608198948-B-17	Well Type:	MONITORING
Source:	EDF	Other Name:	B-17
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608198948&assigned_name=B-17&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608198948&assigned_name=B-17		

H91
East
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000000524**

Well ID:	T0608198948-MW-4	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-4
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608198948&assigned_name=MW-4&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608198948&assigned_name=MW-4		

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

H92
East
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000058929**

Well ID:	T0608198948-MW-2	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-2
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608198948&assigned_name=MW-2&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608198948&assigned_name=MW-2		

H93
East
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000008966**

Well ID:	T0608198948-B-16	Well Type:	MONITORING
Source:	EDF	Other Name:	B-16
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608198948&assigned_name=B-16&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608198948&assigned_name=B-16		

H94
East
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000095800**

Well ID:	T0608198948-B-11	Well Type:	MONITORING
Source:	EDF	Other Name:	B-11
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608198948&assigned_name=B-11&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608198948&assigned_name=B-11		

H95
East
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000084977**

Well ID:	T0608198948-B-12	Well Type:	MONITORING
Source:	EDF	Other Name:	B-12
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608198948&assigned_name=B-12&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608198948&assigned_name=B-12		

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

I96
NNW
1/2 - 1 Mile
Lower | **FED USGS** | **USGS40000185064**

Organization ID:	USGS-CA		
Organization Name:	USGS California Water Science Center		
Monitor Location:	003S006W02B003M	Type:	Well
Description:	SURVEYED ALTITUDE IS CONSIDERED TO BE AT LSD.		
HUC:	18050006	Drainage Area:	Not Reported
Drainage Area Units:	Not Reported	Contrib Drainage Area:	Not Reported
Contrib Drainage Area Unts:	Not Reported	Aquifer:	Other aquifers
Formation Type:	Not Reported	Aquifer Type:	Not Reported
Construction Date:	19820513	Well Depth:	524
Well Depth Units:	ft	Well Hole Depth:	670
Well Hole Depth Units:	ft		

Ground water levels,Number of Measurements:	29	Level reading date:	1993-02-06
Feet below surface:	100.04	Feet to sea level:	Not Reported
Note:	Not Reported		

Level reading date:	1992-09-15	Feet below surface:	107.92
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1992-02-04	Feet below surface:	94.95
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1991-09-17	Feet below surface:	98.54
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1991-05-01	Feet below surface:	97.02
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1991-02-05	Feet below surface:	94.42
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1990-12-04	Feet below surface:	95.51
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1990-11-06	Feet below surface:	96.88
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1990-10-10	Feet below surface:	98.55
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1990-09-05	Feet below surface:	100.34
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1990-08-01	Feet below surface:	99.03
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1990-06-05	Feet below surface:	97.37
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1990-05-02	Feet below surface:	100.25
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1990-04-03	Feet below surface:	94.99
Feet to sea level:	Not Reported	Note:	Not Reported

Level reading date:	1990-03-06	Feet below surface:	90.95
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1990-02-07	Feet below surface:	91.00
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1989-12-07	Feet below surface:	92.97
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1989-11-20	Feet below surface:	99.25
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1989-10-24	Feet below surface:	94.07
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1989-09-18	Feet below surface:	95.89
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1989-08-15	Feet below surface:	99.88
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1989-07-07	Feet below surface:	105.66
Feet to sea level:	Not Reported	Note:	The site had been pumped recently.
Level reading date:	1989-05-31	Feet below surface:	99.83
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1989-04-25	Feet below surface:	94.20
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1989-03-15	Feet below surface:	90.83
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1989-02-08	Feet below surface:	91.29
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1989-01-05	Feet below surface:	91.56
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1988-11-09	Feet below surface:	93.30
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1988-08-24	Feet below surface:	94
Feet to sea level:	Not Reported	Note:	Not Reported

H97
East
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000001837**

Well ID:	T0608198948-B-20	Well Type:	MONITORING
Source:	EDF	Other Name:	B-20
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608198948&assigned_name=B-20&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608198948&assigned_name=B-20		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

J98
East
1/2 - 1 Mile
Higher

CA WELLS **CAUSGS000001291**

Well ID:	SF-04	Well Type:	MUNICIPAL
Source:	United States Geological Survey		
Other Name:	SF-04	GAMA PFAS Testing:	Not Reported
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=USGS&samp_date=&global_id=&assigned_name=SF-04&store_num=		
GeoTracker Data:	Not Reported		

J99
East
1/2 - 1 Mile
Higher

CA WELLS **CAUSGSN00018530**

Well ID:	USGS-374100122280001	Well Type:	UNK
Source:	United States Geological Survey		
Other Name:	USGS-374100122280001	GAMA PFAS Testing:	Not Reported
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=USGSNEW&samp_date=&global_id=&assigned_name=USGS-374100122280001&store_num=		
GeoTracker Data:	Not Reported		

100
ENE
1/2 - 1 Mile
Higher

AQUIFLOW **64299**

Site ID:	220020
Groundwater Flow:	Varies
Shallow Water Depth:	Not Reported
Deep Water Depth:	Not Reported
Average Water Depth:	200
Date:	09/30/1998

H101
East
1/2 - 1 Mile
Higher

CA WELLS **CALLNL000000198**

Well ID:	100887	Well Type:	MUNICIPAL
Source:	Lawrence Livermore National Laboratory		
Other Name:	03S/06W-01K03 M	GAMA PFAS Testing:	Not Reported
Groundwater Quality Data:	Not Reported		
GeoTracker Data:	Not Reported		

Chemical:	Tritium (Hydrogen 3)	Results:	1.7
Units:	pCi/L	Date:	12/17/2001

K102
East
1/2 - 1 Mile
Higher

FED USGS **USGS40000184989**

Organization ID:	USGS-CA
Organization Name:	USGS California Water Science Center

Monitor Location:	003S006W01K002M	Type:	Well
Description:	Not Reported	HUC:	18050006
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Other aquifers	Formation Type:	Not Reported
Aquifer Type:	Not Reported	Construction Date:	19890617
Well Depth:	68	Well Depth Units:	ft
Well Hole Depth:	81	Well Hole Depth Units:	ft

Ground water levels,Number of Measurements:	3	Level reading date:	1989-09-19
Feet below surface:	61.60	Feet to sea level:	Not Reported
Note:	Not Reported		
Level reading date:	1989-08-16	Feet below surface:	61.61
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1989-07-07	Feet below surface:	61.60
Feet to sea level:	Not Reported	Note:	Not Reported

I103
NNW **FED USGS** **USGS40000185061**
1/2 - 1 Mile
Lower

Organization ID:	USGS-CA		
Organization Name:	USGS California Water Science Center		
Monitor Location:	003S006W02B004M	Type:	Well
Description:	SURVEYED MP ALTITUDE IS CONSIDERED TO BE AT LSD.		
HUC:	18050006	Drainage Area:	Not Reported
Drainage Area Units:	Not Reported	Contrib Drainage Area:	Not Reported
Contrib Drainage Area Unts:	Not Reported	Aquifer:	Other aquifers
Formation Type:	Not Reported	Aquifer Type:	Not Reported
Construction Date:	19860331	Well Depth:	637
Well Depth Units:	ft	Well Hole Depth:	637
Well Hole Depth Units:	ft		

Ground water levels,Number of Measurements:	1	Level reading date:	1986-03-31
Feet below surface:	110	Feet to sea level:	Not Reported
Note:	Not Reported		

L104
North **CA WELLS** **CAUSGSN00005448**
1/2 - 1 Mile
Lower

Well ID:	USGS-374228122285301	Well Type:	UNK
Source:	United States Geological Survey		
Other Name:	USGS-374228122285301	GAMA PFAS Testing:	Not Reported
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=USGSNEW&samp_date=&global_id=&assigned_name=USGS-374228122285301&store_num=		
GeoTracker Data:	Not Reported		

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

105
East
1/2 - 1 Mile
Higher

CA WELLS **CADDW0000021972**

Well ID:	4110013-018	Well Type:	MUNICIPAL
Source:	Department of Health Services		
Other Name:	JUNIPERO SERRA WELL	GAMA PFAS Testing:	Not Reported
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=DHS&samp_date=&global_id=&assigned_name=4110013-018&store_num=		
GeoTracker Data:	Not Reported		

L106
North
1/2 - 1 Mile
Lower

FED USGS **USGS40000185069**

Organization ID:	USGS-CA		
Organization Name:	USGS California Water Science Center		
Monitor Location:	003S006W02A001M	Type:	Well
Description:	MP IS CONSIDERED TO BE AT LAND SURFACE.		
HUC:	18050006	Drainage Area:	Not Reported
Drainage Area Units:	Not Reported	Contrib Drainage Area:	Not Reported
Contrib Drainage Area Unts:	Not Reported	Aquifer:	Other aquifers
Formation Type:	Not Reported	Aquifer Type:	Not Reported
Construction Date:	19890621	Well Depth:	62
Well Depth Units:	ft	Well Hole Depth:	62
Well Hole Depth Units:	ft		

Ground water levels,Number of Measurements:	32	Level reading date:	1994-09-22
Feet below surface:	42.57	Feet to sea level:	Not Reported
Note:	Not Reported		

Level reading date:	1994-06-08	Feet below surface:	42.27
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1993-07-17	Feet below surface:	42.30
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1993-02-06	Feet below surface:	42.56
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1992-09-15	Feet below surface:	42.46
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1992-06-11	Feet below surface:	42.14
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1992-02-04	Feet below surface:	41.92
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1991-09-17	Feet below surface:	41.38
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1991-05-01	Feet below surface:	40.78
Feet to sea level:	Not Reported	Note:	Not Reported

Level reading date:	1991-02-05	Feet below surface:	40.52
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1991-01-09	Feet below surface:	40.39
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1990-12-04	Feet below surface:	40.30
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1990-11-06	Feet below surface:	40.10
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1990-10-10	Feet below surface:	39.92
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1990-09-05	Feet below surface:	39.74
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1990-08-01	Feet below surface:	39.50
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1990-07-02	Feet below surface:	39.33
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1990-06-06	Feet below surface:	39.24
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1990-05-02	Feet below surface:	39.09
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1990-04-03	Feet below surface:	38.93
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1990-03-06	Feet below surface:	38.96
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1990-02-07	Feet below surface:	38.92
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1989-12-07	Feet below surface:	38.81
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1989-11-21	Feet below surface:	38.68
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1989-10-25	Feet below surface:	38.61
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1989-10-20	Feet below surface:	38.62
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1989-10-19	Feet below surface:	38.62
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1989-10-18	Feet below surface:	38.53
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1989-10-17	Feet below surface:	38.67
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1989-09-19	Feet below surface:	38.42
Feet to sea level:	Not Reported	Note:	Not Reported

Level reading date:	1989-08-15	Feet below surface:	38.15
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1989-07-07	Feet below surface:	38.00
Feet to sea level:	Not Reported	Note:	Not Reported

M107
ESE **CA WELLS** **CAEDF0000094956**
1/2 - 1 Mile
Higher

Well ID:	T0608119056-MW-2	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-2
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608119056&assigned_name=MW-2&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608119056&assigned_name=MW-2		

M108
ESE **CA WELLS** **CAEDF0000075328**
1/2 - 1 Mile
Higher

Well ID:	T10000002674-MW-2	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-2
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T10000002674&assigned_name=MW-2&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T10000002674&assigned_name=MW-2		

M109
ESE **CA WELLS** **CAEDF0000066164**
1/2 - 1 Mile
Higher

Well ID:	T10000002674-MW-1	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-1
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T10000002674&assigned_name=MW-1&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T10000002674&assigned_name=MW-1		

M110
ESE **CA WELLS** **CAEDF0000142791**
1/2 - 1 Mile
Higher

Well ID:	T0608119056-MW-1	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-1
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608119056&assigned_name=MW-1&store_num=		

GeoTracker Data: https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608119056&assigned_name=MW-1

M111
ESE
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000060322**

Well ID:	T0608119056-MW-4	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-4
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608119056&assigned_name=MW-4&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608119056&assigned_name=MW-4		

M112
ESE
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000003421**

Well ID:	T10000002674-MW-4	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-4
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T10000002674&assigned_name=MW-4&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T10000002674&assigned_name=MW-4		

M113
ESE
1/2 - 1 Mile
Higher

CA WELLS **CALLNL000001190**

Well ID:	100886	Well Type:	MUNICIPAL
Source:	Lawrence Livermore National Laboratory		
Other Name:	03S/06W-01Q01 M	GAMA PFAS Testing:	Not Reported
Groundwater Quality Data:	Not Reported		
GeoTracker Data:	Not Reported		

Chemical:	Helium-4	Results:	.0000000625883
Units:	cm3STP/g	Date:	12/05/2002
Chemical:	Neon	Results:	.000000257053
Units:	cm3STP/g	Date:	12/05/2002
Chemical:	Tritium (Hydrogen 3)	Results:	.94
Units:	pCi/L	Date:	12/17/2001
Chemical:	Helium-3/Helium-4	Results:	.00000133542
Units:	atom ratio	Date:	12/05/2002

Chemical:	Krypton	Results:	.0000000895523
Units:	cm3STP/g	Date:	12/05/2002
Chemical:	Argon	Results:	.000339242
Units:	cm3STP/g	Date:	12/05/2002
Chemical:	Xenon	Results:	.0000000114995
Units:	cm3STP/g	Date:	12/05/2002

M114
ESE **CA WELLS** **CAEDF0000075794**
1/2 - 1 Mile
Higher

Well ID:	T0608119056-MW-3	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-3
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608119056&assigned_name=MW-3&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608119056&assigned_name=MW-3		

M115
ESE **CA WELLS** **CAEDF0000071301**
1/2 - 1 Mile
Higher

Well ID:	T10000002674-MW-3	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-3
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T10000002674&assigned_name=MW-3&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T10000002674&assigned_name=MW-3		

M116
ESE **CA WELLS** **CAEDF0000094352**
1/2 - 1 Mile
Higher

Well ID:	T0608119056-MW-5	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-5
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608119056&assigned_name=MW-5&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608119056&assigned_name=MW-5		

Map ID
Direction
Distance
Elevation

	Database	EDR ID Number
K117 **East** **1/2 - 1 Mile** **Higher**	**FED USGS**	**USGS40000184992**

Organization ID:	USGS-CA		
Organization Name:	USGS California Water Science Center		
Monitor Location:	003S006W01K004M	Type:	Well
Description:	Not Reported	HUC:	18050006
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Other aquifers	Formation Type:	Not Reported
Aquifer Type:	Not Reported	Construction Date:	19531212
Well Depth:	506	Well Depth Units:	ft
Well Hole Depth:	506	Well Hole Depth Units:	ft

	Database	EDR ID Number
M118 **ESE** **1/2 - 1 Mile** **Higher**	**CA WELLS**	**CAEDF0000049533**

Well ID:	T0608101090-MW-11S	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-11S
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608101090&assigned_name=MW-11S&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608101090&assigned_name=MW-11S		

	Database	EDR ID Number
M119 **ESE** **1/2 - 1 Mile** **Higher**	**CA WELLS**	**CAEDF0000090560**

Well ID:	T0608101090-MW-12S	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-12S
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608101090&assigned_name=MW-12S&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608101090&assigned_name=MW-12S		

	Database	EDR ID Number
120 **East** **1/2 - 1 Mile** **Higher**	**CA WELLS**	**CAEDF0000121416**

Well ID:	T0608101090-MW-19	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-19
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608101090&assigned_name=MW-19&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608101090&assigned_name=MW-19		

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

N121
NNW
1/2 - 1 Mile
Lower

CA WELLS **CAUSGSN00012745**

Well ID:	USGS-374230122291101	Well Type:	UNK
Source:	United States Geological Survey		
Other Name:	USGS-374230122291101	GAMA PFAS Testing:	Not Reported
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=USGSNEW&samp_date=&global_id=&assigned_name=USGS-374230122291101&store_num=		
GeoTracker Data:	Not Reported		

N122
NNW
1/2 - 1 Mile
Lower

FED USGS **USGS40000185071**

Organization ID:	USGS-CA		
Organization Name:	USGS California Water Science Center		
Monitor Location:	002S006W35Q001M	Type:	Well
Description:	MP IS CONSIDERED TO BE AT LAND SURFACE.		
HUC:	18050006	Drainage Area:	Not Reported
Drainage Area Units:	Not Reported	Contrib Drainage Area:	Not Reported
Contrib Drainage Area Unts:	Not Reported	Aquifer:	Other aquifers
Formation Type:	Not Reported	Aquifer Type:	Not Reported
Construction Date:	19890614	Well Depth:	51
Well Depth Units:	ft	Well Hole Depth:	51
Well Hole Depth Units:	ft		

Ground water levels,Number of Measurements:	29	Level reading date:	1993-07-17
Feet below surface:	33.00	Feet to sea level:	Not Reported
Note:	Not Reported		

Level reading date:	1993-02-06	Feet below surface:	32.32
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1992-09-15	Feet below surface:	33.07
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1992-06-11	Feet below surface:	32.48
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1992-02-05	Feet below surface:	32.42
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1991-09-17	Feet below surface:	32.20
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1991-05-01	Feet below surface:	31.38
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1991-02-05	Feet below surface:	31.40
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1991-01-09	Feet below surface:	31.30
Feet to sea level:	Not Reported	Note:	Not Reported

Level reading date:	1990-12-04	Feet below surface:	31.22
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1990-11-06	Feet below surface:	31.08
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1990-10-10	Feet below surface:	30.90
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1990-09-05	Feet below surface:	30.65
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1990-08-01	Feet below surface:	30.36
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1990-07-02	Feet below surface:	30.10
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1990-06-05	Feet below surface:	29.85
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1990-05-02	Feet below surface:	29.65
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1990-04-03	Feet below surface:	29.46
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1990-03-06	Feet below surface:	29.30
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1990-02-07	Feet below surface:	29.27
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1989-12-06	Feet below surface:	29.37
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1989-11-20	Feet below surface:	29.42
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1989-10-24	Feet below surface:	29.39
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1989-10-20	Feet below surface:	29.45
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1989-10-19	Feet below surface:	29.45
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1989-10-18	Feet below surface:	29.47
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1989-09-18	Feet below surface:	29.25
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1989-08-15	Feet below surface:	29.00
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1989-07-07	Feet below surface:	28.63
Feet to sea level:	Not Reported	Note:	Not Reported

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

O123
ENE
1/2 - 1 Mile
Higher

CA WELLS 3566

Seq:	3566	Prim sta c:	03S/06W-02R03 M
Frds no:	4110013003	County:	41
District:	04	User id:	ENG
System no:	4110013	Water type:	G
Source nam:	WELL 03 - INACTIVE	Station ty:	WELL/AMBNT/MUN/INTAKE/SUPPLY
Latitude:	374200.0	Longitude:	1222800.0
Precision:	5	Status:	IU
Comment 1:	Not Reported	Comment 2:	Not Reported
Comment 3:	Not Reported	Comment 4:	Not Reported
Comment 5:	Not Reported	Comment 6:	Not Reported
Comment 7:	Not Reported		
System no:	4110013	System nam:	City Of Daly City
Hqname:	Not Reported	Address:	153 Lake Merced Blvd.
City:	Daly City	State:	CA
Zip:	94015	Zip ext:	Not Reported
Pop serv:	92311	Connection:	21600
Area serve:	DALY CITY		

P124
ESE
1/2 - 1 Mile
Higher

CA WELLS 3567

Seq:	3567	Prim sta c:	03S/06W-12B01 M
Frds no:	4110013011	County:	41
District:	04	User id:	ENG
System no:	4110013	Water type:	G
Source nam:	VALE WELL	Station ty:	WELL/AMBNT/MUN/INTAKE/SUPPLY
Latitude:	374130.0	Longitude:	1222805.0
Precision:	4	Status:	AR
Comment 1:	Not Reported		
Comment 2:	LOCATED ON STANDARD LOT 50 X 100 ON 198 & 200 STATION AVE. BETWEEN		
Comment 3:	TWO RESIDENCES. ADJACENT TO BART RIGHT OF WAY & HWY 280. NOT IN		
Comment 4:	COVERED BUILDING.	Comment 5:	Not Reported
Comment 6:	Not Reported	Comment 7:	Not Reported
System no:	4110013	System nam:	City Of Daly City
Hqname:	Not Reported	Address:	153 Lake Merced Blvd.
City:	Daly City	State:	CA
Zip:	94015	Zip ext:	Not Reported
Pop serv:	92311	Connection:	21600
Area serve:	DALY CITY		
Sample date:	08-MAR-17	Finding:	9.3
Chemical:	CHROMIUM, HEXAVALENT	Report units:	UG/L
Dlr:	1.		
Sample date:	08-MAR-17	Finding:	8.2
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	08-MAR-17	Finding:	20.
Chemical:	CHROMIUM (TOTAL)	Report units:	UG/L

Dlr:	10.		
Sample date:	09-FEB-17	Finding:	16.
Chemical:	CHROMIUM (TOTAL)	Report units:	UG/L
Dlr:	10.		
Sample date:	09-FEB-17	Finding:	15.
Chemical:	CHROMIUM, HEXAVALENT	Report units:	UG/L
Dlr:	1.		
Sample date:	09-FEB-17	Finding:	8.6
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	12-JAN-17	Finding:	16.
Chemical:	CHROMIUM (TOTAL)	Report units:	UG/L
Dlr:	10.		
Sample date:	12-JAN-17	Finding:	16.
Chemical:	CHROMIUM (TOTAL)	Report units:	UG/L
Dlr:	10.		
Sample date:	12-JAN-17	Finding:	15.
Chemical:	CHROMIUM, HEXAVALENT	Report units:	UG/L
Dlr:	1.		
Sample date:	12-JAN-17	Finding:	15.
Chemical:	CHROMIUM, HEXAVALENT	Report units:	UG/L
Dlr:	1.		
Sample date:	12-JAN-17	Finding:	15.
Chemical:	CHROMIUM, HEXAVALENT	Report units:	UG/L
Dlr:	1.		
Sample date:	12-JAN-17	Finding:	9.
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	12-JAN-17	Finding:	16.
Chemical:	CHROMIUM (TOTAL)	Report units:	UG/L
Dlr:	10.		
Sample date:	13-DEC-16	Finding:	16.
Chemical:	CHROMIUM, HEXAVALENT	Report units:	UG/L
Dlr:	1.		
Sample date:	13-DEC-16	Finding:	9.2
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	13-DEC-16	Finding:	17.
Chemical:	CHROMIUM (TOTAL)	Report units:	UG/L
Dlr:	10.		
Sample date:	02-NOV-16	Finding:	17.
Chemical:	CHROMIUM (TOTAL)	Report units:	UG/L
Dlr:	10.		
Sample date:	02-NOV-16	Finding:	16.
Chemical:	CHROMIUM, HEXAVALENT	Report units:	UG/L
Dlr:	1.		

Sample date:	02-NOV-16	Finding:	8.3
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	19-OCT-16	Finding:	17.
Chemical:	CHROMIUM, HEXAVALENT	Report units:	UG/L
Dlr:	1.		
Sample date:	19-OCT-16	Finding:	17.
Chemical:	CHROMIUM (TOTAL)	Report units:	UG/L
Dlr:	10.		
Sample date:	05-OCT-16	Finding:	17.
Chemical:	CHROMIUM, HEXAVALENT	Report units:	UG/L
Dlr:	1.		
Sample date:	05-OCT-16	Finding:	8.7
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	05-OCT-16	Finding:	17.
Chemical:	CHROMIUM (TOTAL)	Report units:	UG/L
Dlr:	10.		
Sample date:	21-SEP-16	Finding:	16.
Chemical:	CHROMIUM, HEXAVALENT	Report units:	UG/L
Dlr:	1.		
Sample date:	21-SEP-16	Finding:	16.
Chemical:	CHROMIUM (TOTAL)	Report units:	UG/L
Dlr:	10.		
Sample date:	14-SEP-16	Finding:	8.6
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	14-SEP-16	Finding:	17.
Chemical:	CHROMIUM (TOTAL)	Report units:	UG/L
Dlr:	10.		
Sample date:	14-SEP-16	Finding:	16.
Chemical:	CHROMIUM, HEXAVALENT	Report units:	UG/L
Dlr:	1.		
Sample date:	24-AUG-16	Finding:	15.
Chemical:	CHROMIUM (TOTAL)	Report units:	UG/L
Dlr:	10.		
Sample date:	24-AUG-16	Finding:	16.
Chemical:	CHROMIUM, HEXAVALENT	Report units:	UG/L
Dlr:	1.		
Sample date:	10-AUG-16	Finding:	8.2
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	10-AUG-16	Finding:	15.
Chemical:	CHROMIUM (TOTAL)	Report units:	UG/L
Dlr:	10.		
Sample date:	10-AUG-16	Finding:	16.
Chemical:	CHROMIUM, HEXAVALENT	Report units:	UG/L

Dlr:	1.		
Sample date:	27-JUL-16	Finding:	16.
Chemical:	CHROMIUM, HEXAVALENT	Report units:	UG/L
Dlr:	1.		
Sample date:	27-JUL-16	Finding:	16.
Chemical:	CHROMIUM (TOTAL)	Report units:	UG/L
Dlr:	10.		
Sample date:	13-JUL-16	Finding:	17.
Chemical:	CHROMIUM (TOTAL)	Report units:	UG/L
Dlr:	10.		
Sample date:	13-JUL-16	Finding:	14.
Chemical:	CHROMIUM, HEXAVALENT	Report units:	UG/L
Dlr:	1.		
Sample date:	07-JUL-16	Finding:	8.6
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	29-JUN-16	Finding:	16.
Chemical:	CHROMIUM (TOTAL)	Report units:	UG/L
Dlr:	10.		
Sample date:	29-JUN-16	Finding:	16.
Chemical:	CHROMIUM, HEXAVALENT	Report units:	UG/L
Dlr:	1.		
Sample date:	15-JUN-16	Finding:	21.
Chemical:	CHROMIUM (TOTAL)	Report units:	UG/L
Dlr:	10.		
Sample date:	15-JUN-16	Finding:	16.
Chemical:	CHROMIUM, HEXAVALENT	Report units:	UG/L
Dlr:	1.		
Sample date:	01-JUN-16	Finding:	8.6
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	01-JUN-16	Finding:	15.
Chemical:	CHROMIUM, HEXAVALENT	Report units:	UG/L
Dlr:	1.		
Sample date:	01-JUN-16	Finding:	16.
Chemical:	CHROMIUM (TOTAL)	Report units:	UG/L
Dlr:	10.		
Sample date:	04-MAY-16	Finding:	16.
Chemical:	CHROMIUM (TOTAL)	Report units:	UG/L
Dlr:	10.		
Sample date:	04-MAY-16	Finding:	16.
Chemical:	CHROMIUM, HEXAVALENT	Report units:	UG/L
Dlr:	1.		
Sample date:	04-MAY-16	Finding:	8.7
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		

Sample date:	20-APR-16	Finding:	17.
Chemical:	CHROMIUM, HEXAVALENT	Report units:	UG/L
Dlr:	1.		
Sample date:	20-APR-16	Finding:	8.6
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	20-APR-16	Finding:	20.
Chemical:	CHROMIUM (TOTAL)	Report units:	UG/L
Dlr:	10.		
Sample date:	02-MAR-16	Finding:	18.
Chemical:	CHROMIUM (TOTAL)	Report units:	UG/L
Dlr:	10.		
Sample date:	02-MAR-16	Finding:	16.
Chemical:	CHROMIUM, HEXAVALENT	Report units:	UG/L
Dlr:	1.		
Sample date:	02-MAR-16	Finding:	8.7
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	03-FEB-16	Finding:	0.47
Chemical:	RADIUM 226 MDA95	Report units:	PCI/L
Dlr:	0.		
Sample date:	03-FEB-16	Finding:	0.2
Chemical:	RADIUM 228 MDA95	Report units:	PCI/L
Dlr:	0.		
Sample date:	03-FEB-16	Finding:	0.593
Chemical:	RADIUM 228 COUNTING ERROR	Report units:	PCI/L
Dlr:	0.		
Sample date:	03-FEB-16	Finding:	1.5e-002
Chemical:	RADIUM 228	Report units:	PCI/L
Dlr:	1.		
Sample date:	03-FEB-16	Finding:	0.185
Chemical:	RADIUM 226 COUNTING ERROR	Report units:	PCI/L
Dlr:	0.		
Sample date:	03-FEB-16	Finding:	6.7e-002
Chemical:	RADIUM 226	Report units:	PCI/L
Dlr:	1.		
Sample date:	03-FEB-16	Finding:	1.31
Chemical:	GROSS ALPHA COUNTING ERROR	Report units:	PCI/L
Dlr:	0.		
Sample date:	03-FEB-16	Finding:	11.95
Chemical:	AGGRSSIVE INDEX (CORROSIVITY)	Report units:	Not Reported
Dlr:	0.		
Sample date:	03-FEB-16	Finding:	330.
Chemical:	TOTAL DISSOLVED SOLIDS	Report units:	MG/L
Dlr:	0.		
Sample date:	03-FEB-16	Finding:	18.
Chemical:	CHROMIUM (TOTAL)	Report units:	UG/L

Dlr:	10.		
Sample date:	03-FEB-16	Finding:	16.
Chemical:	CHROMIUM, HEXAVALENT	Report units:	UG/L
Dlr:	1.		
Sample date:	03-FEB-16	Finding:	33.
Chemical:	SULFATE	Report units:	MG/L
Dlr:	0.5		
Sample date:	03-FEB-16	Finding:	73.
Chemical:	CHLORIDE	Report units:	MG/L
Dlr:	0.		
Sample date:	03-FEB-16	Finding:	1.9
Chemical:	POTASSIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	03-FEB-16	Finding:	43.
Chemical:	SODIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	03-FEB-16	Finding:	28.
Chemical:	MAGNESIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	03-FEB-16	Finding:	29.
Chemical:	CALCIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	03-FEB-16	Finding:	190.
Chemical:	HARDNESS (TOTAL) AS CACO3	Report units:	MG/L
Dlr:	0.		
Sample date:	03-FEB-16	Finding:	8.9
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	03-FEB-16	Finding:	150.
Chemical:	BICARBONATE ALKALINITY	Report units:	MG/L
Dlr:	0.		
Sample date:	03-FEB-16	Finding:	120.
Chemical:	ALKALINITY (TOTAL) AS CACO3	Report units:	MG/L
Dlr:	0.		
Sample date:	03-FEB-16	Finding:	7.99
Chemical:	PH, LABORATORY	Report units:	Not Reported
Dlr:	0.		
Sample date:	03-FEB-16	Finding:	550.
Chemical:	SPECIFIC CONDUCTANCE	Report units:	US
Dlr:	0.		
Sample date:	03-FEB-16	Finding:	17.
Chemical:	CHROMIUM (TOTAL)	Report units:	UG/L
Dlr:	10.		
Sample date:	03-FEB-16	Finding:	16.
Chemical:	CHROMIUM, HEXAVALENT	Report units:	UG/L
Dlr:	1.		

Sample date:	03-FEB-16	Finding:	1.06
Chemical:	GROSS ALPHA MDA95	Report units:	PCI/L
Dlr:	0.		
Sample date:	06-JAN-16	Finding:	8.1
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	06-JAN-16	Finding:	15.
Chemical:	CHROMIUM (TOTAL)	Report units:	UG/L
Dlr:	10.		
Sample date:	06-JAN-16	Finding:	16.
Chemical:	CHROMIUM, HEXAVALENT	Report units:	UG/L
Dlr:	1.		
Sample date:	19-DEC-15	Finding:	16.
Chemical:	CHROMIUM, HEXAVALENT	Report units:	UG/L
Dlr:	1.		
Sample date:	19-DEC-15	Finding:	17.
Chemical:	CHROMIUM (TOTAL)	Report units:	UG/L
Dlr:	10.		
Sample date:	18-DEC-15	Finding:	16.
Chemical:	CHROMIUM, HEXAVALENT	Report units:	UG/L
Dlr:	1.		
Sample date:	18-DEC-15	Finding:	17.
Chemical:	CHROMIUM (TOTAL)	Report units:	UG/L
Dlr:	10.		
Sample date:	16-DEC-15	Finding:	16.
Chemical:	CHROMIUM, HEXAVALENT	Report units:	UG/L
Dlr:	1.		
Sample date:	16-DEC-15	Finding:	14.
Chemical:	CHROMIUM (TOTAL)	Report units:	UG/L
Dlr:	10.		
Sample date:	15-DEC-15	Finding:	16.
Chemical:	CHROMIUM (TOTAL)	Report units:	UG/L
Dlr:	10.		
Sample date:	15-DEC-15	Finding:	15.
Chemical:	CHROMIUM, HEXAVALENT	Report units:	UG/L
Dlr:	1.		
Sample date:	14-DEC-15	Finding:	16.
Chemical:	CHROMIUM (TOTAL)	Report units:	UG/L
Dlr:	10.		
Sample date:	14-DEC-15	Finding:	15.
Chemical:	CHROMIUM, HEXAVALENT	Report units:	UG/L
Dlr:	1.		
Sample date:	13-DEC-15	Finding:	15.
Chemical:	CHROMIUM, HEXAVALENT	Report units:	UG/L
Dlr:	1.		
Sample date:	13-DEC-15	Finding:	17.
Chemical:	CHROMIUM (TOTAL)	Report units:	UG/L

Dlr:	10.		
Sample date:	12-DEC-15	Finding:	15.
Chemical:	CHROMIUM, HEXAVALENT	Report units:	UG/L
Dlr:	1.		
Sample date:	12-DEC-15	Finding:	17.
Chemical:	CHROMIUM (TOTAL)	Report units:	UG/L
Dlr:	10.		
Sample date:	11-DEC-15	Finding:	17.
Chemical:	CHROMIUM (TOTAL)	Report units:	UG/L
Dlr:	10.		
Sample date:	11-DEC-15	Finding:	16.
Chemical:	CHROMIUM, HEXAVALENT	Report units:	UG/L
Dlr:	1.		
Sample date:	10-DEC-15	Finding:	15.
Chemical:	CHROMIUM, HEXAVALENT	Report units:	UG/L
Dlr:	1.		
Sample date:	10-DEC-15	Finding:	16.
Chemical:	CHROMIUM (TOTAL)	Report units:	UG/L
Dlr:	10.		
Sample date:	09-DEC-15	Finding:	18.
Chemical:	CHROMIUM (TOTAL)	Report units:	UG/L
Dlr:	10.		
Sample date:	09-DEC-15	Finding:	16.
Chemical:	CHROMIUM, HEXAVALENT	Report units:	UG/L
Dlr:	1.		
Sample date:	08-DEC-15	Finding:	17.
Chemical:	CHROMIUM (TOTAL)	Report units:	UG/L
Dlr:	10.		
Sample date:	08-DEC-15	Finding:	17.
Chemical:	CHROMIUM, HEXAVALENT	Report units:	UG/L
Dlr:	1.		
Sample date:	07-DEC-15	Finding:	16.
Chemical:	CHROMIUM (TOTAL)	Report units:	UG/L
Dlr:	10.		
Sample date:	07-DEC-15	Finding:	16.
Chemical:	CHROMIUM, HEXAVALENT	Report units:	UG/L
Dlr:	1.		
Sample date:	06-DEC-15	Finding:	17.
Chemical:	CHROMIUM, HEXAVALENT	Report units:	UG/L
Dlr:	1.		
Sample date:	06-DEC-15	Finding:	17.
Chemical:	CHROMIUM (TOTAL)	Report units:	UG/L
Dlr:	10.		
Sample date:	05-DEC-15	Finding:	16.
Chemical:	CHROMIUM (TOTAL)	Report units:	UG/L
Dlr:	10.		

Sample date:	05-DEC-15	Finding:	17.
Chemical:	CHROMIUM, HEXAVALENT	Report units:	UG/L
Dlr:	1.		
Sample date:	04-DEC-15	Finding:	15.
Chemical:	CHROMIUM, HEXAVALENT	Report units:	UG/L
Dlr:	1.		
Sample date:	04-DEC-15	Finding:	16.
Chemical:	CHROMIUM (TOTAL)	Report units:	UG/L
Dlr:	10.		
Sample date:	03-DEC-15	Finding:	17.
Chemical:	CHROMIUM, HEXAVALENT	Report units:	UG/L
Dlr:	1.		
Sample date:	03-DEC-15	Finding:	17.
Chemical:	CHROMIUM (TOTAL)	Report units:	UG/L
Dlr:	10.		
Sample date:	02-DEC-15	Finding:	38.
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	02-DEC-15	Finding:	18.
Chemical:	CHROMIUM (TOTAL)	Report units:	UG/L
Dlr:	10.		
Sample date:	02-DEC-15	Finding:	16.
Chemical:	CHROMIUM, HEXAVALENT	Report units:	UG/L
Dlr:	1.		
Sample date:	01-DEC-15	Finding:	17.
Chemical:	CHROMIUM (TOTAL)	Report units:	UG/L
Dlr:	10.		
Sample date:	01-DEC-15	Finding:	15.
Chemical:	CHROMIUM, HEXAVALENT	Report units:	UG/L
Dlr:	1.		
Sample date:	18-NOV-15	Finding:	38.
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	05-NOV-15	Finding:	38.
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	04-NOV-15	Finding:	38.
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	21-OCT-15	Finding:	38.
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	08-OCT-15	Finding:	37.
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	02-SEP-15	Finding:	38.
Chemical:	NITRATE (AS NO3)	Report units:	MG/L

Dlr:	2.		
Sample date:	25-AUG-15	Finding:	17.
Chemical:	CHROMIUM, HEXAVALENT	Report units:	UG/L
Dlr:	1.		
Sample date:	25-AUG-15	Finding:	17.
Chemical:	CHROMIUM (TOTAL)	Report units:	UG/L
Dlr:	10.		
Sample date:	25-AUG-15	Finding:	39.
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	05-AUG-15	Finding:	40.
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	01-JUL-15	Finding:	40.
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	03-JUN-15	Finding:	55.
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	13-MAY-15	Finding:	37.
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	13-MAY-15	Finding:	17.
Chemical:	CHROMIUM, HEXAVALENT	Report units:	UG/L
Dlr:	1.		
Sample date:	08-APR-15	Finding:	39.
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	18-MAR-15	Finding:	17.
Chemical:	CHROMIUM, HEXAVALENT	Report units:	UG/L
Dlr:	1.		
Sample date:	04-MAR-15	Finding:	53.
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	04-FEB-15	Finding:	39.
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	07-JAN-15	Finding:	38.
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	03-DEC-14	Finding:	39.
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	05-NOV-14	Finding:	38.
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		

Sample date:	02-OCT-14	Finding:	38.
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	10-SEP-14	Finding:	39.
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	13-AUG-14	Finding:	40.
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	02-JUL-14	Finding:	39.
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	04-JUN-14	Finding:	40.
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	07-MAY-14	Finding:	37.
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	02-APR-14	Finding:	39.
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	05-MAR-14	Finding:	38.
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	05-FEB-14	Finding:	38.
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	08-JAN-14	Finding:	38.
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	06-NOV-13	Finding:	38.
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	04-SEP-13	Finding:	38.
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	07-AUG-13	Finding:	36.
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	03-JUL-13	Finding:	39.
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	05-JUN-13	Finding:	36.
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	01-MAY-13	Finding:	36.
Chemical:	NITRATE (AS NO3)	Report units:	MG/L

Dlr:	2.		
Sample date:	10-APR-13	Finding:	26.
Chemical:	MAGNESIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	10-APR-13	Finding:	68.
Chemical:	CHLORIDE	Report units:	MG/L
Dlr:	0.		
Sample date:	10-APR-13	Finding:	30.
Chemical:	SULFATE	Report units:	MG/L
Dlr:	0.5		
Sample date:	10-APR-13	Finding:	16.
Chemical:	CHROMIUM (TOTAL)	Report units:	UG/L
Dlr:	10.		
Sample date:	10-APR-13	Finding:	350.
Chemical:	TOTAL DISSOLVED SOLIDS	Report units:	MG/L
Dlr:	0.		
Sample date:	10-APR-13	Finding:	12.12
Chemical:	AGGRSSIVE INDEX (CORROSIVITY)	Report units:	Not Reported
Dlr:	0.		
Sample date:	10-APR-13	Finding:	28.
Chemical:	CALCIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	10-APR-13	Finding:	179.
Chemical:	HARDNESS (TOTAL) AS CACO3	Report units:	MG/L
Dlr:	0.		
Sample date:	10-APR-13	Finding:	140.
Chemical:	BICARBONATE ALKALINITY	Report units:	MG/L
Dlr:	0.		
Sample date:	10-APR-13	Finding:	120.
Chemical:	ALKALINITY (TOTAL) AS CACO3	Report units:	MG/L
Dlr:	0.		
Sample date:	10-APR-13	Finding:	8.21
Chemical:	PH, LABORATORY	Report units:	Not Reported
Dlr:	0.		
Sample date:	10-APR-13	Finding:	550.
Chemical:	SPECIFIC CONDUCTANCE	Report units:	US
Dlr:	0.		
Sample date:	10-APR-13	Finding:	41.
Chemical:	SODIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	03-APR-13	Finding:	36.
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	06-MAR-13	Finding:	38.
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		

Sample date:	06-FEB-13	Finding:	35.
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	02-JAN-13	Finding:	37.
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	05-DEC-12	Finding:	35.
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	07-NOV-12	Finding:	34.
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	04-OCT-12	Finding:	34.
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	11-JUL-12	Finding:	37.
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	06-JUN-12	Finding:	35.
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	02-MAY-12	Finding:	36.
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	04-APR-12	Finding:	37.
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	07-MAR-12	Finding:	35.
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	01-FEB-12	Finding:	36.
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	04-JAN-12	Finding:	36.
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		

P125
ESE
1/2 - 1 Mile
Higher

CA WELLS **CALLNL000000231**

Well ID:	100885	Well Type:	MUNICIPAL
Source:	Lawrence Livermore National Laboratory		
Other Name:	03S/06W-12B01 M	GAMA PFAS Testing:	Not Reported
Groundwater Quality Data:	Not Reported		
GeoTracker Data:	Not Reported		

Chemical:	Tritium (Hydrogen 3)	Results:	1.54

Units:	pCi/L	Date:	01/14/2002
Chemical:	Helium-4	Results:	.0000000633036
Units:	cm3STP/g	Date:	01/22/2002
Chemical:	Xenon	Results:	.0000000120289
Units:	cm3STP/g	Date:	01/22/2002
Chemical:	Helium-3/Helium-4	Results:	.00000146265
Units:	atom ratio	Date:	01/22/2002
Chemical:	Krypton	Results:	.0000000858431
Units:	cm3STP/g	Date:	01/22/2002
Chemical:	Argon	Results:	.000390722
Units:	cm3STP/g	Date:	01/22/2002
Chemical:	Neon	Results:	.000000265184
Units:	cm3STP/g	Date:	01/22/2002

126
ESE
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000067761**

Well ID:	T0608101090-MW-18	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-18
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608101090&assigned_name=MW-18&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608101090&assigned_name=MW-18		

127
North
1/2 - 1 Mile
Higher

CA WELLS **CADWR0000024362**

Well ID:	02S06W36N001M	Well Type:	UNK
Source:	Department of Water Resources		
Other Name:	02S06W36N001M	GAMA PFAS Testing:	Not Reported
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=DWR&samp_date=&global_id=&assigned_name=02S06W36N001M&store_num=		
GeoTracker Data:	Not Reported		

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

Q128
NNE
1/2 - 1 Mile
Higher

CA WELLS **CAUSGSN00013813**

Well ID:	USGS-374235122283801	Well Type:	UNK
Source:	United States Geological Survey		
Other Name:	USGS-374235122283801	GAMA PFAS Testing:	Not Reported
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=USGSNEW&samp_date=&global_id=&assigned_name=USGS-374235122283801&store_num=		
GeoTracker Data:	Not Reported		

Q129
NNE
1/2 - 1 Mile
Higher

FED USGS **USGS40000185088**

Organization ID:	USGS-CA		
Organization Name:	USGS California Water Science Center		
Monitor Location:	002S006W06N001M	Type:	Well
Description:	Not Reported	HUC:	18050006
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Other aquifers	Formation Type:	Not Reported
Aquifer Type:	Not Reported	Construction Date:	Not Reported
Well Depth:	324	Well Depth Units:	ft
Well Hole Depth:	Not Reported	Well Hole Depth Units:	Not Reported

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Q130
NNE
1/2 - 1 Mile
Higher

FED USGS **USGS40000185090**

Organization ID:	USGS-CA		
Organization Name:	USGS California Water Science Center		
Monitor Location:	002S006W36N002M	Type:	Well
Description:	SURVEYED MP ALTITUDE CONSIDERED TO BE AT LSD.		
HUC:	18050006	Drainage Area:	Not Reported
Drainage Area Units:	Not Reported	Contrib Drainage Area:	Not Reported
Contrib Drainage Area Unts:	Not Reported	Aquifer:	California Coastal Basin aquifers
Formation Type:	Not Reported	Aquifer Type:	Not Reported
Construction Date:	19850801	Well Depth:	540
Well Depth Units:	ft	Well Hole Depth:	549
Well Hole Depth Units:	ft		

Ground water levels,Number of Measurements:	13	Level reading date:	1990-11-06
Feet below surface:	203.09	Feet to sea level:	Not Reported
Note:	Not Reported		
Level reading date:	1990-10-10	Feet below surface:	203.13
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1990-09-05	Feet below surface:	203.81
Feet to sea level:	Not Reported	Note:	Not Reported

Level reading date:	1990-08-01	Feet below surface:	210.72
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1990-05-02	Feet below surface:	213.26
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1990-03-06	Feet below surface:	198.82
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1990-02-07	Feet below surface:	198.06
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1989-11-21	Feet below surface:	248.47
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1989-10-25	Feet below surface:	200.20
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1989-04-25	Feet below surface:	202.34
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1989-03-20	Feet below surface:	192.76
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1989-02-08	Feet below surface:	190.47
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1989-01-05	Feet below surface:	192.00
Feet to sea level:	Not Reported	Note:	Not Reported

O131
ENE
1/2 - 1 Mile
Higher

CA WELLS **CADDW0000010812**

Well ID:	4110013-003	Well Type:	MUNICIPAL
Source:	Department of Health Services		
Other Name:	WELL 03 - INACTIVE	GAMA PFAS Testing:	Not Reported
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=DHS&samp_date=&global_id=&assigned_name=4110013-003&store_num=		
GeoTracker Data:	Not Reported		

P132
ESE
1/2 - 1 Mile
Higher

CA WELLS **CADDW0000005829**

Well ID:	4110013-011	Well Type:	MUNICIPAL
Source:	Department of Health Services		
Other Name:	VALE WELL	GAMA PFAS Testing:	Not Reported
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=DHS&samp_date=&global_id=&assigned_name=4110013-011&store_num=		
GeoTracker Data:	Not Reported		

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

Q133
NNE
1/2 - 1 Mile
Higher | **FED USGS** | **USGS40000185089**

Organization ID:	USGS-CA		
Organization Name:	USGS California Water Science Center		
Monitor Location:	002S006W36N001M	Type:	Well
Description:	SURVEYED ALTITUDE OF MP IS CONSIDERED TO BE AT LSD		
HUC:	18050006	Drainage Area:	Not Reported
Drainage Area Units:	Not Reported	Contrib Drainage Area:	Not Reported
Contrib Drainage Area Unts:	Not Reported	Aquifer:	Other aquifers
Formation Type:	Not Reported	Aquifer Type:	Not Reported
Construction Date:	19510424	Well Depth:	324
Well Depth Units:	ft	Well Hole Depth:	324
Well Hole Depth Units:	ft		

Ground water levels,Number of Measurements:	15	Level reading date:	1993-02-06
Feet below surface:	181.42	Feet to sea level:	Not Reported
Note:	Not Reported		
Level reading date:	1992-09-15	Feet below surface:	183.03
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1992-06-11	Feet below surface:	181.58
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1992-02-04	Feet below surface:	178.42
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1991-09-17	Feet below surface:	179.29
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1991-05-01	Feet below surface:	178.42
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1991-02-05	Feet below surface:	177.87
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1990-12-04	Feet below surface:	178.42
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1990-08-01	Feet below surface:	178.27
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1990-07-02	Feet below surface:	178.84
Feet to sea level:	Not Reported		
Note:	A nearby site that taps the same aquifer was being pumped.		
Level reading date:	1990-06-05	Feet below surface:	177.00
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1990-05-02	Feet below surface:	177.91
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1990-05-02	Feet below surface:	178.07
Feet to sea level:	Not Reported		
Note:	A nearby site that taps the same aquifer was being pumped.		

Level reading date:	1990-04-05	Feet below surface:	176.92
Feet to sea level:	Not Reported		
Note:	A nearby site that taps the same aquifer was being pumped.		
Level reading date:	1951-04-24	Feet below surface:	60
Feet to sea level:	Not Reported	Note:	Not Reported

R134
SE
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000131879**

Well ID:	T0608100033-MW-3	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-3
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608100033&assigned_name=MW-3&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608100033&assigned_name=MW-3		

R135
SE
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000089002**

Well ID:	T0608100033-MW-1	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-1
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608100033&assigned_name=MW-1&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608100033&assigned_name=MW-1		

R136
SE
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000056349**

Well ID:	T0608100033-MW-2	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-2
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608100033&assigned_name=MW-2&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608100033&assigned_name=MW-2		

S137
East
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000022177**

Well ID:	T0608101090-MW-9S	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-9S
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608101090&assigned_name=MW-9S&store_num=		

GeoTracker Data: https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608101090&assigned_name=MW-9S

S138
East
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000077798**

Well ID:	T0608101090-MW-9D	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-9D
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608101090&assigned_name=MW-9D&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608101090&assigned_name=MW-9D		

T139
East
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000058758**

Well ID:	T0608101090-MW-8D	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-8D
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608101090&assigned_name=MW-8D&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608101090&assigned_name=MW-8D		

U140
SE
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000004332**

Well ID:	T0608100204-MW1	Well Type:	MONITORING
Source:	EDF	Other Name:	MW1
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608100204&assigned_name=MW1&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608100204&assigned_name=MW1		

U141
SE
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000018773**

Well ID:	T0608100204-MW3	Well Type:	MONITORING
Source:	EDF	Other Name:	MW3
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608100204&assigned_name=MW3&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608100204&assigned_name=MW3		

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

U142
SE
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000119317**

Well ID:	T0608100204-MW6	Well Type:	MONITORING
Source:	EDF	Other Name:	MW6
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608100204&assigned_name=MW6&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608100204&assigned_name=MW6		

U143
SE
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000138770**

Well ID:	T0608100204-MW2	Well Type:	MONITORING
Source:	EDF	Other Name:	MW2
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608100204&assigned_name=MW2&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608100204&assigned_name=MW2		

U144
SE
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000038659**

Well ID:	T0608100204-AS1	Well Type:	MONITORING
Source:	EDF	Other Name:	AS1
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608100204&assigned_name=AS1&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608100204&assigned_name=AS1		

U145
SE
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000071642**

Well ID:	T0608100204-B10	Well Type:	MONITORING
Source:	EDF	Other Name:	B10
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608100204&assigned_name=B10&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608100204&assigned_name=B10		

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

V146
SE
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000096223**

Well ID:	T0608100077-MW-25	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-25
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608100077&assigned_name=MW-25&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608100077&assigned_name=MW-25		

V147
SE
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000135010**

Well ID:	T0608100077-MW-19	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-19
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608100077&assigned_name=MW-19&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608100077&assigned_name=MW-19		

U148
SE
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000137204**

Well ID:	T0608100204-B11	Well Type:	MONITORING
Source:	EDF	Other Name:	B11
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608100204&assigned_name=B11&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608100204&assigned_name=B11		

U149
SE
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000011357**

Well ID:	T0608100204-AS2	Well Type:	MONITORING
Source:	EDF	Other Name:	AS2
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608100204&assigned_name=AS2&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608100204&assigned_name=AS2		

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

U150
SE
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000104009**

Well ID:	T0608100204-MW4	Well Type:	MONITORING
Source:	EDF	Other Name:	MW4
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608100204&assigned_name=MW4&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608100204&assigned_name=MW4		

V151
SE
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000127185**

Well ID:	T0608100077-MW-21	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-21
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608100077&assigned_name=MW-21&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608100077&assigned_name=MW-21		

U152
SE
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000098449**

Well ID:	T0608100204-MW5	Well Type:	MONITORING
Source:	EDF	Other Name:	MW5
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608100204&assigned_name=MW5&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608100204&assigned_name=MW5		

S153
East
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000038852**

Well ID:	T0608101090-MW-7D	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-7D
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608101090&assigned_name=MW-7D&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608101090&assigned_name=MW-7D		

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

S154
East
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000112333**

Well ID:	T0608101090-MW-7S	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-7S
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608101090&assigned_name=MW-7S&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608101090&assigned_name=MW-7S		

V155
SE
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000002909**

Well ID:	T0608100077-MW-27R	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-27R
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608100077&assigned_name=MW-27R&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608100077&assigned_name=MW-27R		

V156
SE
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000077206**

Well ID:	T0608100077-IW-9	Well Type:	MONITORING
Source:	EDF	Other Name:	IW-9
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608100077&assigned_name=IW-9&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608100077&assigned_name=IW-9		

V157
SE
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000071484**

Well ID:	T0608100077-MW-27	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-27
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608100077&assigned_name=MW-27&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608100077&assigned_name=MW-27		

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

S158
East
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000072560**

Well ID:	T0608101090-MW-24	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-24
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608101090&assigned_name=MW-24&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608101090&assigned_name=MW-24		

V159
SE
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000083015**

Well ID:	T0608100077-IW-8	Well Type:	MONITORING
Source:	EDF	Other Name:	IW-8
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608100077&assigned_name=IW-8&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608100077&assigned_name=IW-8		

V160
SE
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000098956**

Well ID:	T0608100077-IW-12	Well Type:	MONITORING
Source:	EDF	Other Name:	IW-12
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608100077&assigned_name=IW-12&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608100077&assigned_name=IW-12		

V161
SE
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000048626**

Well ID:	T0608100077-IW-11	Well Type:	MONITORING
Source:	EDF	Other Name:	IW-11
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608100077&assigned_name=IW-11&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608100077&assigned_name=IW-11		

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

V162
SE
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000095847**

Well ID:	T0608100077-SB-18	Well Type:	MONITORING
Source:	EDF	Other Name:	SB-18
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608100077&assigned_name=SB-18&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608100077&assigned_name=SB-18		

V163
SE
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000142343**

Well ID:	T0608100077-MW-14	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-14
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608100077&assigned_name=MW-14&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608100077&assigned_name=MW-14		

V164
SE
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000101339**

Well ID:	T0608100077-MW-26	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-26
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608100077&assigned_name=MW-26&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608100077&assigned_name=MW-26		

V165
SE
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000091900**

Well ID:	T0608100077-IW-7	Well Type:	MONITORING
Source:	EDF	Other Name:	IW-7
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608100077&assigned_name=IW-7&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608100077&assigned_name=IW-7		

Map ID Direction Distance Elevation			Database	EDR ID Number
V166 **SE** **1/2 - 1 Mile** **Higher**			**CA WELLS**	**CAEDF0000115958**

Well ID:	T0608100077-IW-10	Well Type:	MONITORING
Source:	EDF	Other Name:	IW-10
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608100077&assigned_name=IW-10&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608100077&assigned_name=IW-10		

V167 **SE** **1/2 - 1 Mile** **Higher**			**CA WELLS**	**CAEDF0000060528**

Well ID:	T0608100077-IW-5	Well Type:	MONITORING
Source:	EDF	Other Name:	IW-5
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608100077&assigned_name=IW-5&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608100077&assigned_name=IW-5		

U168 **SE** **1/2 - 1 Mile** **Higher**	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	41-0214 NE 34.84 38.04 Not Reported 10/11/1993	**AQUIFLOW**	**64710**

V169 **SE** **1/2 - 1 Mile** **Higher**			**CA WELLS**	**CAEDF0000124849**

Well ID:	T0608100077-MW-24	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-24
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608100077&assigned_name=MW-24&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608100077&assigned_name=MW-24		

V170 **SE** **1/2 - 1 Mile** **Higher**			**CA WELLS**	**CAEDF0000096434**

Well ID:	T0608100077-IW-6	Well Type:	MONITORING
Source:	EDF	Other Name:	IW-6

GAMA PFAS Testing: Not Reported
Groundwater Quality Data: https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608100077&assigned_name=IW-6&store_num=
GeoTracker Data: https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608100077&assigned_name=IW-6

T171
East
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000050430**

Well ID: T0608101090-MW-23 Well Type: MONITORING
Source: EDF Other Name: MW-23
GAMA PFAS Testing: Not Reported
Groundwater Quality Data: https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608101090&assigned_name=MW-23&store_num=
GeoTracker Data: https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608101090&assigned_name=MW-23

V172
SE
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000133754**

Well ID: T0608100077-IW-4 Well Type: MONITORING
Source: EDF Other Name: IW-4
GAMA PFAS Testing: Not Reported
Groundwater Quality Data: https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608100077&assigned_name=IW-4&store_num=
GeoTracker Data: https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608100077&assigned_name=IW-4

T173
East
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000116545**

Well ID: T0608101090-MW-20S Well Type: MONITORING
Source: EDF Other Name: MW-20S
GAMA PFAS Testing: Not Reported
Groundwater Quality Data: https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608101090&assigned_name=MW-20S&store_num=
GeoTracker Data: https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608101090&assigned_name=MW-20S

V174
SE
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000051091**

Well ID: T0608100077-MW-13 Well Type: MONITORING
Source: EDF Other Name: MW-13
GAMA PFAS Testing: Not Reported
Groundwater Quality Data: https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608100077&assigned_name=MW-13&store_num=

GeoTracker Data: https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608100077&assigned_name=MW-13

V175
SE
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000091991**

Well ID: T0608100077-MW-18
Well Type: MONITORING
Source: EDF
Other Name: MW-18
GAMA PFAS Testing: Not Reported
Groundwater Quality Data: https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608100077&assigned_name=MW-18&store_num=
GeoTracker Data: https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608100077&assigned_name=MW-18

176
West
1/2 - 1 Mile
Lower

CA WELLS **CADWR0000037405**

Well ID: 03S06W02M001M
Well Type: UNK
Source: Department of Water Resources
Other Name: 03S06W02M001M
GAMA PFAS Testing: Not Reported
Groundwater Quality Data: https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=DWR&samp_date=&global_id=&assigned_name=03S06W02M001M&store_num=
GeoTracker Data: Not Reported

V177
SE
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000101572**

Well ID: T0608100077-IW-3
Well Type: MONITORING
Source: EDF
Other Name: IW-3
GAMA PFAS Testing: Not Reported
Groundwater Quality Data: https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608100077&assigned_name=IW-3&store_num=
GeoTracker Data: https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608100077&assigned_name=IW-3

W178
East
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000042285**

Well ID: T0608100530-MW-6
Well Type: MONITORING
Source: EDF
Other Name: MW-6
GAMA PFAS Testing: Not Reported
Groundwater Quality Data: https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608100530&assigned_name=MW-6&store_num=
GeoTracker Data: https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608100530&assigned_name=MW-6

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

V179
SE
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000110690**

Well ID:	T0608100077-MW-16	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-16
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608100077&assigned_name=MW-16&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608100077&assigned_name=MW-16		

V180
SE
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000043129**

Well ID:	T0608100077-MW-10	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-10
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608100077&assigned_name=MW-10&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608100077&assigned_name=MW-10		

V181
SE
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000016522**

Well ID:	T0608100077-IW-2	Well Type:	MONITORING
Source:	EDF	Other Name:	IW-2
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608100077&assigned_name=IW-2&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608100077&assigned_name=IW-2		

T182
East
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000094464**

Well ID:	T0608101090-SVE-1	Well Type:	MONITORING
Source:	EDF	Other Name:	SVE-1
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608101090&assigned_name=SVE-1&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608101090&assigned_name=SVE-1		

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

T183
East
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000082232**

Well ID:	T0608101090-SVE-2	Well Type:	MONITORING
Source:	EDF	Other Name:	SVE-2
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608101090&assigned_name=SVE-2&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608101090&assigned_name=SVE-2		

T184
East
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000104648**

Well ID:	T0608101090-MW-21	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-21
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608101090&assigned_name=MW-21&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608101090&assigned_name=MW-21		

T185
East
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000000382**

Well ID:	T0608101090-MW-2D	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-2D
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608101090&assigned_name=MW-2D&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608101090&assigned_name=MW-2D		

T186
East
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000019102**

Well ID:	T0608101090-RW-1S	Well Type:	MONITORING
Source:	EDF	Other Name:	RW-1S
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608101090&assigned_name=RW-1S&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608101090&assigned_name=RW-1S		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

T187
East
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000114890**

Well ID:	T0608101090-MW-2S	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-2S
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608101090&assigned_name=MW-2S&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608101090&assigned_name=MW-2S		

T188
East
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000135591**

Well ID:	T0608101090-RW-1D	Well Type:	MONITORING
Source:	EDF	Other Name:	RW-1D
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608101090&assigned_name=RW-1D&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608101090&assigned_name=RW-1D		

V189
SE
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000087519**

Well ID:	T0608100077-SB-19	Well Type:	MONITORING
Source:	EDF	Other Name:	SB-19
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608100077&assigned_name=SB-19&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608100077&assigned_name=SB-19		

V190
SE
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000118661**

Well ID:	T0608100077-IW-1	Well Type:	MONITORING
Source:	EDF	Other Name:	IW-1
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608100077&assigned_name=IW-1&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608100077&assigned_name=IW-1		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

	Database	EDR ID Number
V191 **SE** **1/2 - 1 Mile** **Higher**	**CA WELLS**	**CAEDF0000039247**

Well ID:	T0608100077-MW-28	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-28
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608100077&assigned_name=MW-28&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608100077&assigned_name=MW-28		

V192 **SE** **1/2 - 1 Mile** **Higher**	Site ID:	41-0082	**AQUIFLOW**	**64688**
	Groundwater Flow:	NE		
	Shallow Water Depth:	30		
	Deep Water Depth:	36		
	Average Water Depth:	Not Reported		
	Date:	03/31/1994		

	Database	EDR ID Number
X193 **East** **1/2 - 1 Mile** **Higher**	**CA WELLS**	**CAEDF0000095247**

Well ID:	T0608101090-MW-6D	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-6D
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608101090&assigned_name=MW-6D&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608101090&assigned_name=MW-6D		

	Database	EDR ID Number
X194 **East** **1/2 - 1 Mile** **Higher**	**CA WELLS**	**CAEDF0000095454**

Well ID:	T0608101090-MW-6S	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-6S
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608101090&assigned_name=MW-6S&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608101090&assigned_name=MW-6S		

	Database	EDR ID Number
T195 **East** **1/2 - 1 Mile** **Higher**	**CA WELLS**	**CAEDF0000140417**

Well ID:	T0608101090-MW-5D	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-5D

GAMA PFAS Testing: Not Reported
Groundwater Quality Data: https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608101090&assigned_name=MW-5D&store_num=
GeoTracker Data: https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608101090&assigned_name=MW-5D

T196
East
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000090183**

Well ID: T0608101090-MW-5S
Well Type: MONITORING
Source: EDF
Other Name: MW-5S
GAMA PFAS Testing: Not Reported
Groundwater Quality Data: https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608101090&assigned_name=MW-5S&store_num=
GeoTracker Data: https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608101090&assigned_name=MW-5S

Y197
SE
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000062093**

Well ID: T0608100077-MW-22
Well Type: MONITORING
Source: EDF
Other Name: MW-22
GAMA PFAS Testing: Not Reported
Groundwater Quality Data: https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608100077&assigned_name=MW-22&store_num=
GeoTracker Data: https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608100077&assigned_name=MW-22

T198
East
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000105654**

Well ID: T0608101090-MW-1D
Well Type: MONITORING
Source: EDF
Other Name: MW-1D
GAMA PFAS Testing: Not Reported
Groundwater Quality Data: https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608101090&assigned_name=MW-1D&store_num=
GeoTracker Data: https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608101090&assigned_name=MW-1D

T199
East
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000116320**

Well ID: T0608101090-MW-3S
Well Type: MONITORING
Source: EDF
Other Name: MW-3S
GAMA PFAS Testing: Not Reported
Groundwater Quality Data: https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608101090&assigned_name=MW-3S&store_num=

GeoTracker Data: https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608101090&assigned_name=MW-3S

T200
East
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000097847**

Well ID:	T0608101090-SVE-3	Well Type:	MONITORING
Source:	EDF	Other Name:	SVE-3
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608101090&assigned_name=SVE-3&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608101090&assigned_name=SVE-3		

T201
East
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000018423**

Well ID:	T0608101090-MW-1S	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-1S
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608101090&assigned_name=MW-1S&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608101090&assigned_name=MW-1S		

T202
East
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000023059**

Well ID:	T0608101090-MW-3D	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-3D
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608101090&assigned_name=MW-3D&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608101090&assigned_name=MW-3D		

W203
East
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000063972**

Well ID:	T0608100530-MW-4	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-4
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608100530&assigned_name=MW-4&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608100530&assigned_name=MW-4		

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

Y204
SE
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000070060**

Well ID:	T0608100077-MW-7	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-7
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608100077&assigned_name=MW-7&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608100077&assigned_name=MW-7		

Y205
SE
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000045561**

Well ID:	T0608100077-MW-11	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-11
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608100077&assigned_name=MW-11&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608100077&assigned_name=MW-11		

Y206
SE
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000128609**

Well ID:	T0608100077-MW-3	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-3
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608100077&assigned_name=MW-3&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608100077&assigned_name=MW-3		

V207
SE
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000090185**

Well ID:	T0608100077-MW-20	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-20
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608100077&assigned_name=MW-20&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608100077&assigned_name=MW-20		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID Direction Distance Elevation			Database	EDR ID Number
1G **NNW** **1/2 - 1 Mile** **Lower**	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	41-0190 SSW Not Reported 240 Not Reported 02/20/1998	**AQUIFLOW**	**64713**
2G **ENE** **1/2 - 1 Mile** **Lower**	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	220020 Varies Not Reported Not Reported 200 09/30/1998	**AQUIFLOW**	**64299**
3G **West** **0 - 1/8 Mile** **Lower**	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	41-0028 S 53.61 55.64 Not Reported 04/19/1999	**AQUIFLOW**	**64716**
4G **West** **1/4 - 1/2 Mile** **Lower**	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	41-0352 E 51.71 59.41 Not Reported 08/03/1995	**AQUIFLOW**	**64159**
5G **SE** **1/2 - 1 Mile** **Lower**	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	41-0082 NE 30 36 Not Reported 03/31/1994	**AQUIFLOW**	**64688**
6G **SE** **1/2 - 1 Mile** **Lower**	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	41-0214 NE 34.84 38.04 Not Reported 10/11/1993	**AQUIFLOW**	**64710**

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS
RADON

AREA RADON INFORMATION

State Database: CA Radon

Radon Test Results

Zipcode	Num Tests	> 4 pCi/L
94015	42	0

Federal EPA Radon Zone for SAN MATEO County: 2

Note: Zone 1 indoor average level > 4 pCi/L.
: Zone 2 indoor average level >= 2 pCi/L and <= 4 pCi/L.
: Zone 3 indoor average level < 2 pCi/L.

Federal Area Radon Information for Zip Code: 94015

Number of sites tested: 1

Area	Average Activity	% <4 pCi/L	% 4-20 pCi/L	% >20 pCi/L
Living Area - 1st Floor	-0.100 pCi/L	100%	0%	0%
Living Area - 2nd Floor	0.000 pCi/L	100%	0%	0%
Basement	Not Reported	Not Reported	Not Reported	Not Reported

PHYSICAL SETTING SOURCE RECORDS SEARCHED

TOPOGRAPHIC INFORMATION

USGS 7.5' Digital Elevation Model (DEM)
Source: United States Geologic Survey
EDR acquired the USGS 7.5' Digital Elevation Model in 2002 and updated it in 2006. The 7.5 minute DEM corresponds to the USGS 1:24,000- and 1:25,000-scale topographic quadrangle maps. The DEM provides elevation data with consistent elevation units and projection.

Current USGS 7.5 Minute Topographic Map
Source: U.S. Geological Survey

HYDROLOGIC INFORMATION

Flood Zone Data: This data was obtained from the Federal Emergency Management Agency (FEMA). It depicts 100-year and 500-year flood zones as defined by FEMA. It includes the National Flood Hazard Layer (NFHL) which incorporates Flood Insurance Rate Map (FIRM) data and Q3 data from FEMA in areas not covered by NFHL.
Source: FEMA
Telephone: 877-336-2627
Date of Government Version: 2003, 2015

NWI: National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 2002, 2005 and 2010 from the U.S. Fish and Wildlife Service.

State Wetlands Data: Wetland Inventory
Source: Department of Fish and Wildlife
Telephone: 916-445-0411

HYDROGEOLOGIC INFORMATION

AQUIFLOW^{R} Information System
Source: EDR proprietary database of groundwater flow information
EDR has developed the AQUIFLOW Information System (AIS) to provide data on the general direction of groundwater flow at specific points. EDR has reviewed reports submitted to regulatory authorities at select sites and has extracted the date of the report, hydrogeologically determined groundwater flow direction and depth to water table information.

GEOLOGIC INFORMATION

Geologic Age and Rock Stratigraphic Unit
Source: P.G. Schruben, R.E. Arndt and W.J. Bawiec, Geology of the Conterminous U.S. at 1:2,500,000 Scale - A digital representation of the 1974 P.B. King and H.M. Beikman Map, USGS Digital Data Series DDS - 11 (1994).

STATSGO: State Soil Geographic Database
Source: Department of Agriculture, Natural Resources Conservation Service (NRCS)
The U.S. Department of Agriculture's (USDA) Natural Resources Conservation Service (NRCS) leads the national Conservation Soil Survey (NCSS) and is responsible for collecting, storing, maintaining and distributing soil survey information for privately owned lands in the United States. A soil map in a soil survey is a representation of soil patterns in a landscape. Soil maps for STATSGO are compiled by generalizing more detailed (SSURGO) soil survey maps.

SSURGO: Soil Survey Geographic Database
Source: Department of Agriculture, Natural Resources Conservation Service (NRCS)
Telephone: 800-672-5559
SSURGO is the most detailed level of mapping done by the Natural Resources Conservation Service, mapping scales generally range from 1:12,000 to 1:63,360. Field mapping methods using national standards are used to construct the soil maps in the Soil Survey Geographic (SSURGO) database. SSURGO digitizing duplicates the original soil survey maps. This level of mapping is designed for use by landowners, townships and county natural resource planning and management.

PHYSICAL SETTING SOURCE RECORDS SEARCHED

LOCAL / REGIONAL WATER AGENCY RECORDS

FEDERAL WATER WELLS

PWS: Public Water Systems
Source: EPA/Office of Drinking Water
Telephone: 202-564-3750
Public Water System data from the Federal Reporting Data System. A PWS is any water system which provides water to at least 25 people for at least 60 days annually. PWSs provide water from wells, rivers and other sources.

PWS ENF: Public Water Systems Violation and Enforcement Data
Source: EPA/Office of Drinking Water
Telephone: 202-564-3750
Violation and Enforcement data for Public Water Systems from the Safe Drinking Water Information System (SDWIS) after August 1995. Prior to August 1995, the data came from the Federal Reporting Data System (FRDS).

USGS Water Wells: USGS National Water Inventory System (NWIS)
This database contains descriptive information on sites where the USGS collects or has collected data on surface water and/or groundwater. The groundwater data includes information on wells, springs, and other sources of groundwater.

OTHER STATE DATABASE INFORMATION

Groundwater Ambient Monitoring & Assessment Program
State Water Resources Control Board
Telephone: 916-341-5577
The GAMA Program is Californias comprehensive groundwater quality monitoring program. GAMA collects data by testing the untreated, raw water in different types of wells for naturally-occurring and man-made chemicals. The GAMA data includes Domestic, Monitoring and Municipal well types from the following sources, Department of Water Resources, Department of Heath Services, EDF, Agricultural Lands, Lawrence Livermore National Laboratory, Department of Pesticide Regulation, United States Geological Survey, Groundwater Ambient Monitoring and Assessment Program and Local Groundwater Projects.

Water Well Database
Source: Department of Water Resources
Telephone: 916-651-9648

California Drinking Water Quality Database
Source: Department of Public Health
Telephone: 916-324-2319
The database includes all drinking water compliance and special studies monitoring for the state of California since 1984. It consists of over 3,200,000 individual analyses along with well and water system information.

California Oil and Gas Well Locations
Source: Dept of Conservation, Geologic Energy Management Division
Telephone: 916-323-1779
Oil and Gas well locations in the state.

California Earthquake Fault Lines
Source: California Division of Mines and Geology
The fault lines displayed on EDR's Topographic map are digitized quaternary fault lines prepared in 1975 by the United State Geological Survey. Additional information (also from 1975) regarding activity at specific fault lines comes from California's Preliminary Fault Activity Map prepared by the California Division of Mines and Geology.

RADON

State Database: CA Radon
Source: Department of Public Health
Telephone: 916-210-8558
Radon Database for California

PHYSICAL SETTING SOURCE RECORDS SEARCHED

Area Radon Information
Source: USGS
Telephone: 703-356-4020
The National Radon Database has been developed by the U.S. Environmental Protection Agency (USEPA) and is a compilation of the EPA/State Residential Radon Survey and the National Residential Radon Survey. The study covers the years 1986 - 1992. Where necessary data has been supplemented by information collected at private sources such as universities and research institutions.

EPA Radon Zones
Source: EPA
Telephone: 703-356-4020
Sections 307 & 309 of IRAA directed EPA to list and identify areas of U.S. with the potential for elevated indoor radon levels.

OTHER

Airport Landing Facilities: Private and public use landing facilities
Source: Federal Aviation Administration, 800-457-6656

Epicenters: World earthquake epicenters, Richter 5 or greater
Source: Department of Commerce, National Oceanic and Atmospheric Administration

California Earthquake Fault Lines: The fault lines displayed on EDR's Topographic map are digitized quaternary fault lines, prepared in 1975 by the United State Geological Survey. Additional information (also from 1975) regarding activity at specific fault lines comes from California's Preliminary Fault Activity Map prepared by the California Division of Mines and Geology.

STREET AND ADDRESS INFORMATION

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APPENDIX B

U.S. Geological Survey Historical Topographic Maps

99 Southgate Avenue

99 Southgate Avenue

Daly City, CA 94015

Inquiry Number: 6333828.4

January 15, 2021

EDR Historical Topo Map Report

with QuadMatch™

6 Armstrong Road, 4th floor
Shelton, CT 06484
Toll Free: 800.352.0050
www.edrnet.com

EDR Historical Topo Map Report

01/15/21

Site Name:	Client Name:
99 Southgate Avenue	Roux Associates Inc
99 Southgate Avenue	555 12th Street Suite 250
Daly City, CA 94015	Oakland, CA 94607
EDR Inquiry # 6333828.4	Contact: Emma Totsubo

EDR Topographic Map Library has been searched by EDR and maps covering the target property location as provided by Roux Associates Inc were identified for the years listed below. EDR's Historical Topo Map Report is designed to assist professionals in evaluating potential liability on a target property resulting from past activities. EDRs Historical Topo Map Report includes a search of a collection of public and private color historical topographic maps, dating back to the late 1800s.

Search Results:

P.O.# NA

Project: NA

Coordinates:

Latitude:	37.697424 37° 41' 51" North
Longitude:	-122.482261 -122° 28' 56" West
UTM Zone:	Zone 10 North
UTM X Meters:	545642.39
UTM Y Meters:	4172370.55
Elevation:	102.08' above sea level

Maps Provided:

2012	1947
1996	1939
1995	1915
1980	1899
1973	1896
1968	
1956	
1950	

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Topo Sheet Key

This EDR Topo Map Report is based upon the following USGS topographic map sheets.

2012 Source Sheets



San Francisco South OE W
2012
7.5-minute, 24000



San Francisco South
2012
7.5-minute, 24000

1996 Source Sheets



San Francisco South
1996
7.5-minute, 24000
Aerial Photo Revised 1993

1995 Source Sheets



San Francisco South
1995
7.5-minute, 24000
Aerial Photo Revised 1995

1980 Source Sheets



San Francisco South
1980
7.5-minute, 24000
Aerial Photo Revised 1979

Topo Sheet Key

This EDR Topo Map Report is based upon the following USGS topographic map sheets.

1973 Source Sheets



San Francisco South
1973
7.5-minute, 24000
Aerial Photo Revised 1973

1968 Source Sheets



San Francisco South
1968
7.5-minute, 24000
Aerial Photo Revised 1968

1956 Source Sheets



San Francisco South
1956
7.5-minute, 24000
Aerial Photo Revised 1956

1950 Source Sheets



San Francisco South
1950
7.5-minute, 24000
Aerial Photo Revised 1946

Topo Sheet Key

This EDR Topo Map Report is based upon the following USGS topographic map sheets.

1947 Source Sheets



San Francisco South
1947
7.5-minute, 24000
Aerial Photo Revised 1946

1939 Source Sheets



San Mateo
1939
15-minute, 62500
Aerial Photo Revised 1939

1915 Source Sheets



San Mateo
1915
15-minute, 62500

1899 Source Sheets



San Mateo
1899
15-minute, 62500

Topo Sheet Key

This EDR Topo Map Report is based upon the following USGS topographic map sheets.

1896 Source Sheets



San Mateo
1896
15-minute, 62500

Historical Topo Map

2012



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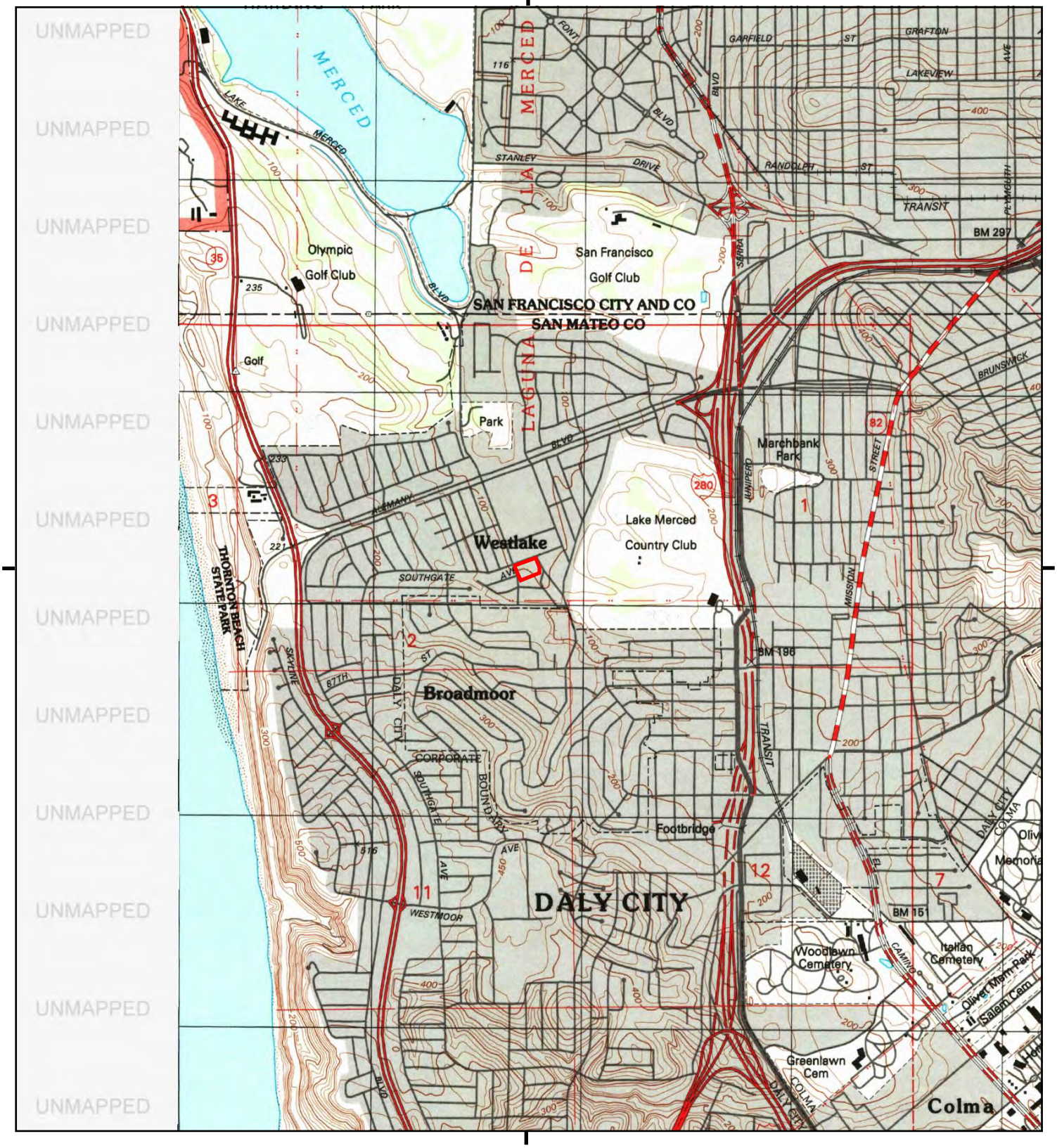
0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

TP, San Francisco South, 2012, 7.5-minute
W, San Francisco South OE W, 2012, 7.5-minute

SITE NAME: 99 Southgate Avenue
ADDRESS: 99 Southgate Avenue
Daly City, CA 94015
CLIENT: Roux Associates Inc

N



This report includes information from the following map sheet(s).

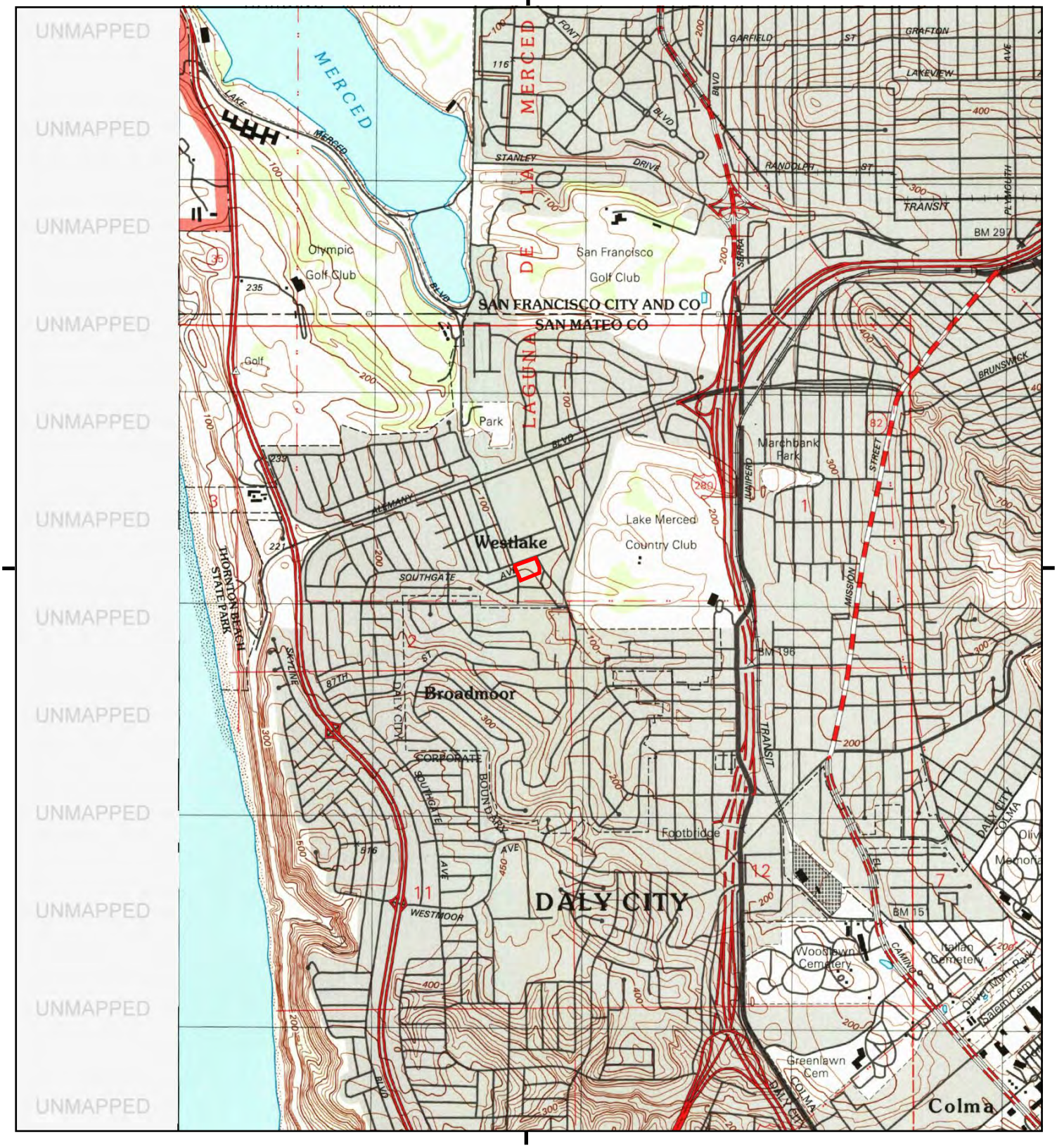
0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

TP, San Francisco South, 1996, 7.5-minute

SITE NAME: 99 Southgate Avenue
ADDRESS: 99 Southgate Avenue
Daly City, CA 94015
CLIENT: Roux Associates Inc

N



This report includes information from the following map sheet(s).

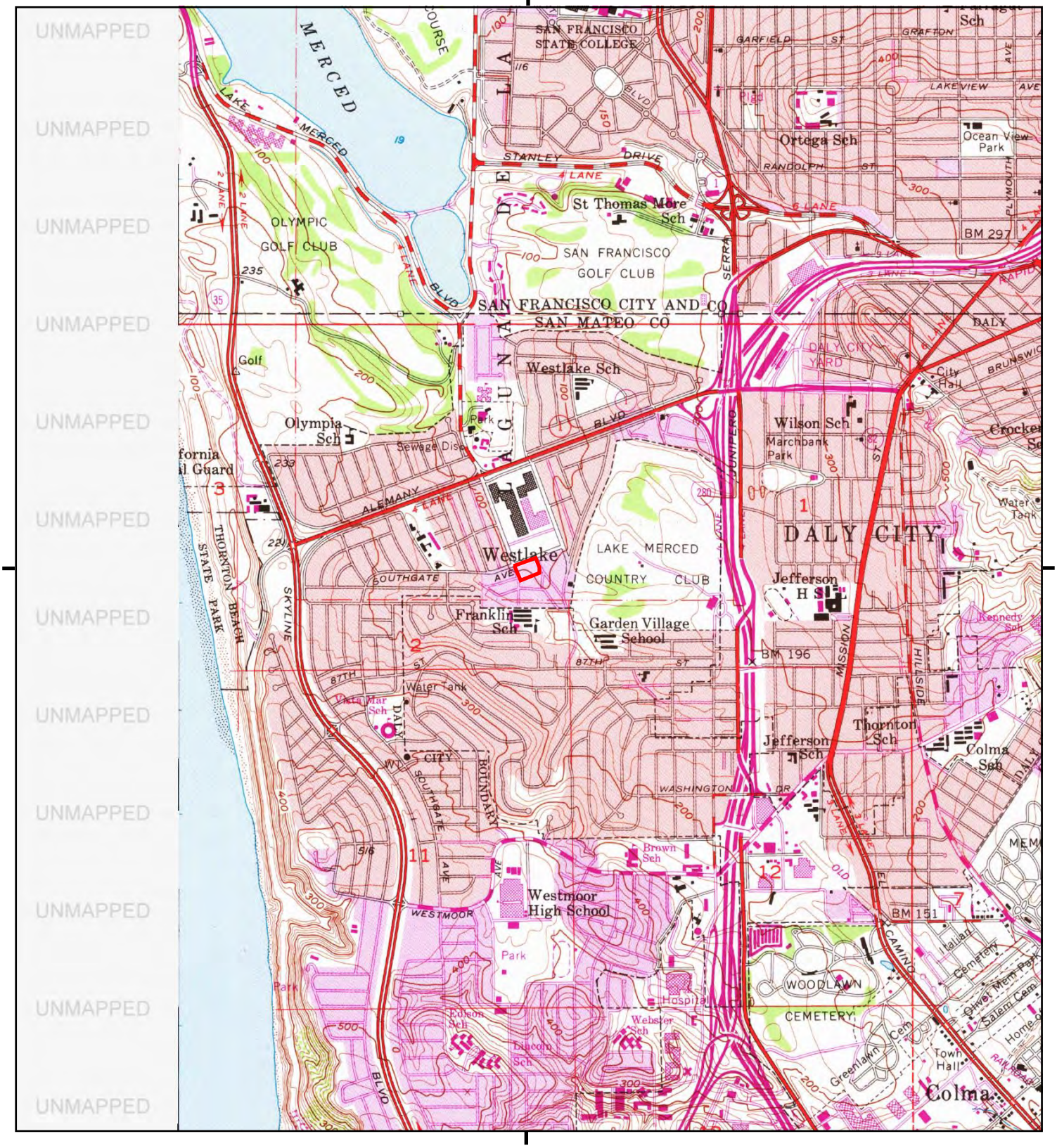
0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

TP, San Francisco South, 1995, 7.5-minute

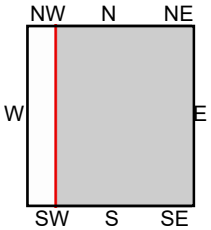
SITE NAME: 99 Southgate Avenue
ADDRESS: 99 Southgate Avenue
Daly City, CA 94015
CLIENT: Roux Associates Inc

N



This report includes information from the following map sheet(s).

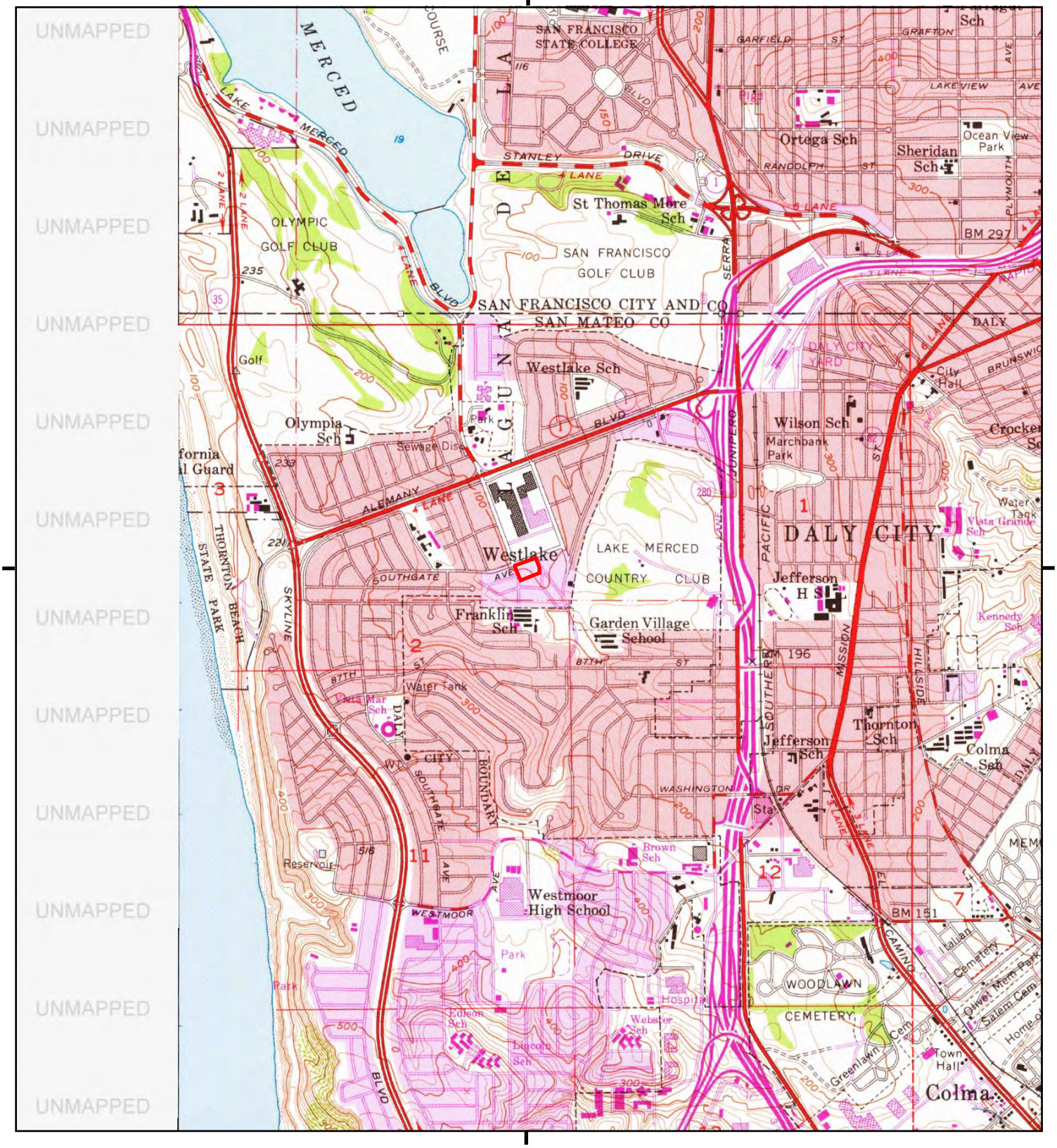
0 Miles 0.25 0.5 1 1.5



TP, San Francisco South, 1980, 7.5-minute

SITE NAME: 99 Southgate Avenue
ADDRESS: 99 Southgate Avenue
Daly City, CA 94015
CLIENT: Roux Associates Inc

N



This report includes information from the following map sheet(s).

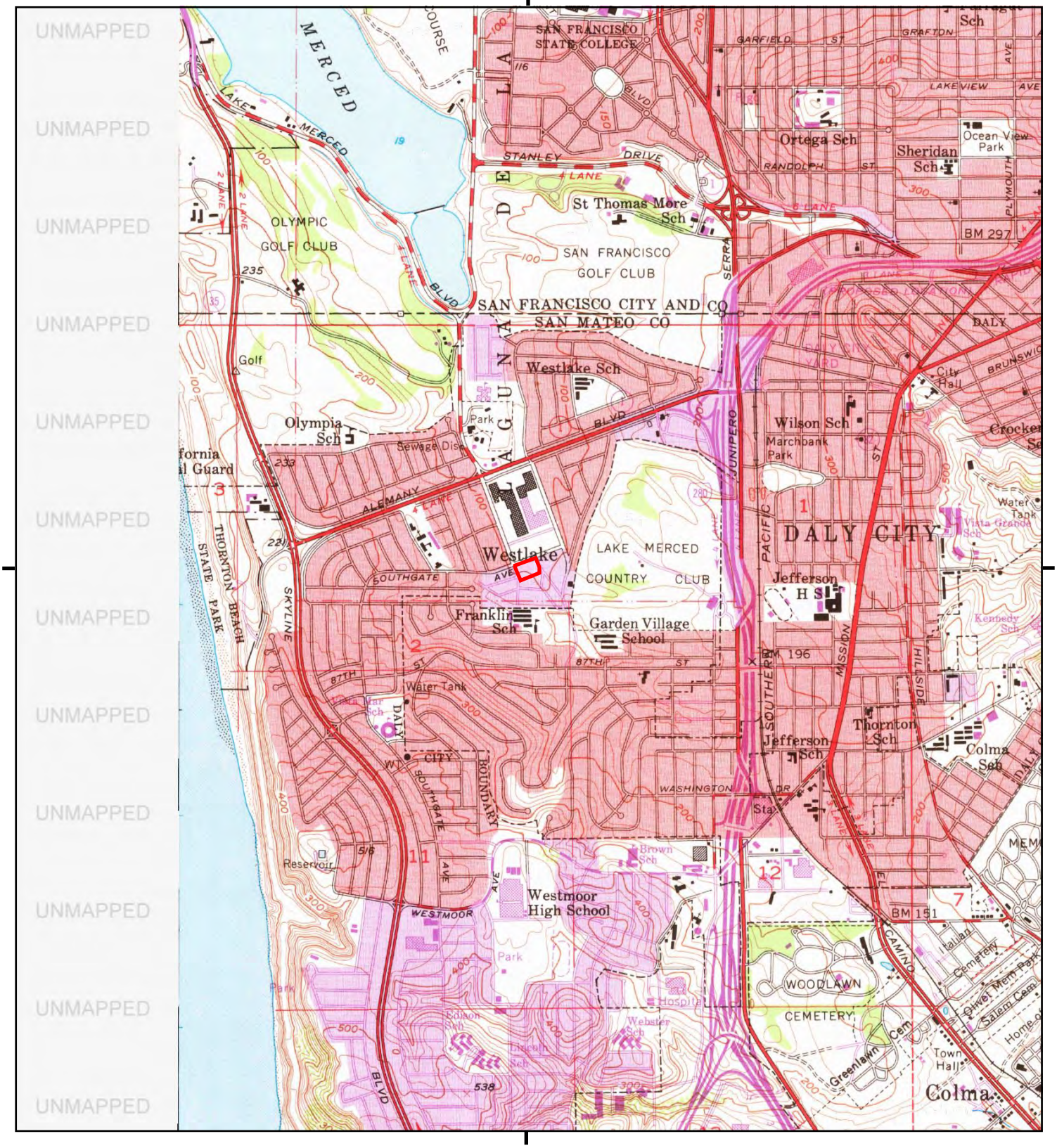
0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

TP, San Francisco South, 1973, 7.5-minute

SITE NAME: 99 Southgate Avenue
ADDRESS: 99 Southgate Avenue
Daly City, CA 94015
CLIENT: Roux Associates Inc

N



This report includes information from the following map sheet(s).

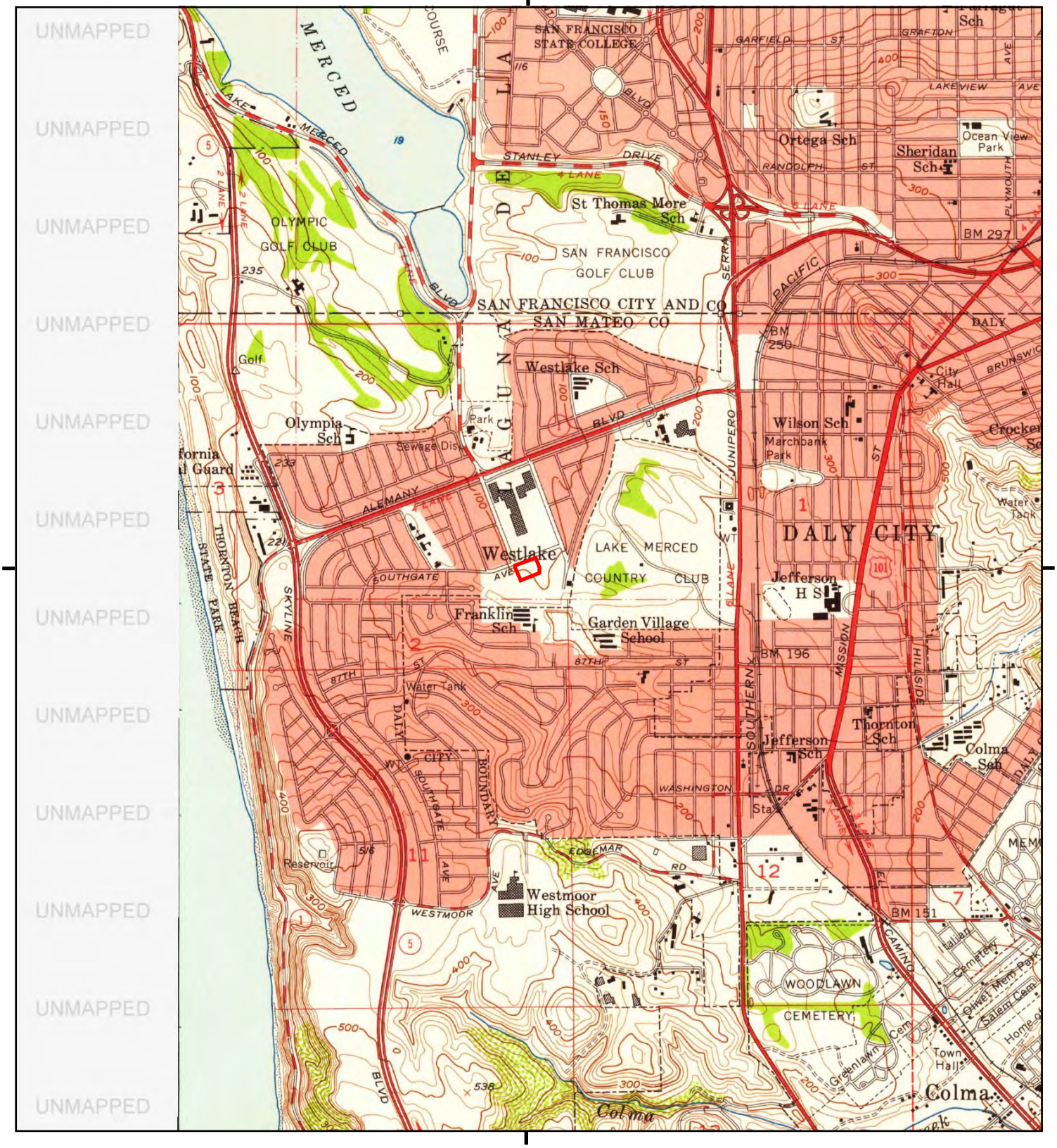
0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

TP, San Francisco South, 1968, 7.5-minute

SITE NAME: 99 Southgate Avenue
ADDRESS: 99 Southgate Avenue
Daly City, CA 94015
CLIENT: Roux Associates Inc

N



This report includes information from the following map sheet(s).

0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

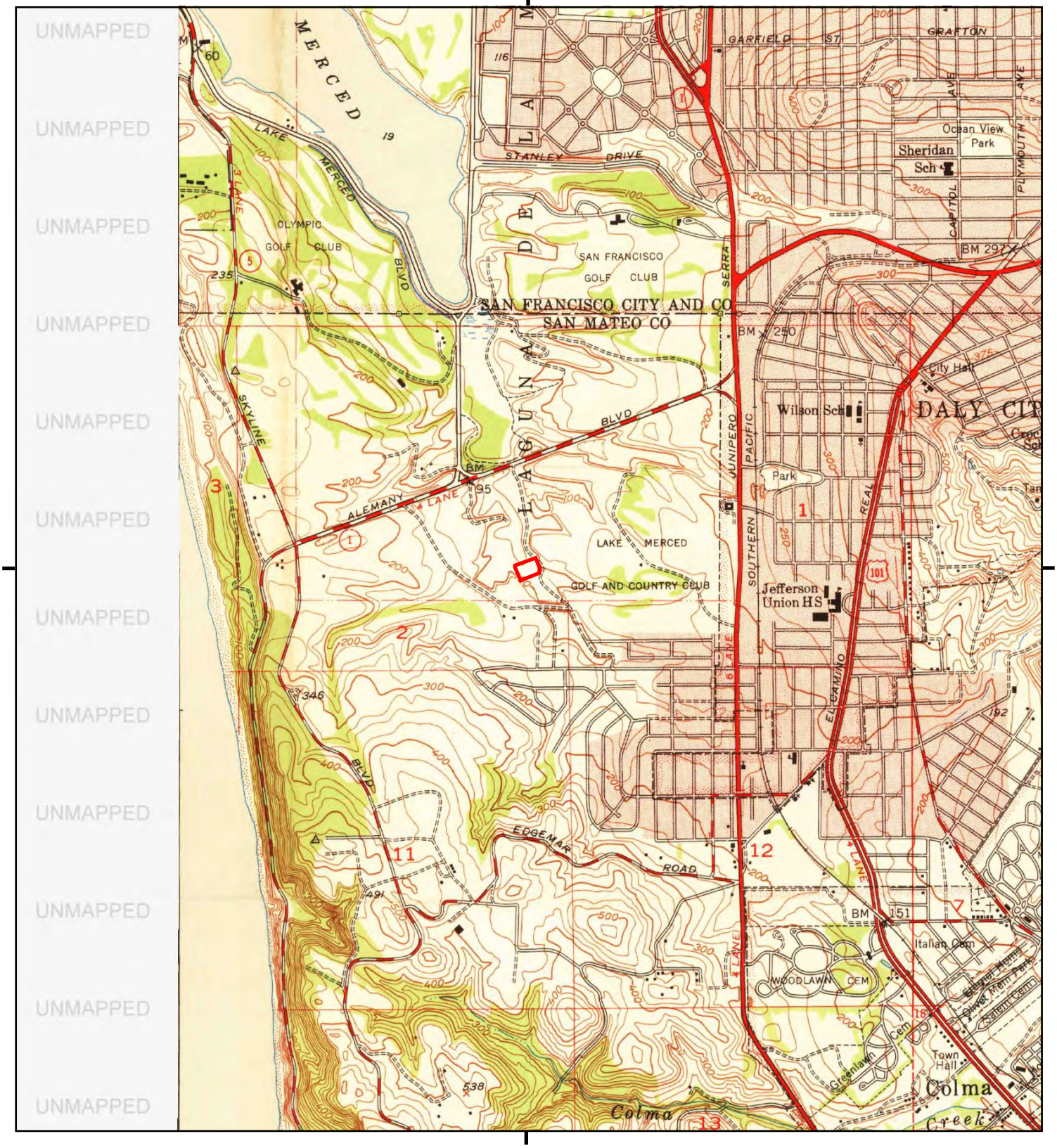
TP, San Francisco South, 1956, 7.5-minute

SITE NAME: 99 Southgate Avenue
ADDRESS: 99 Southgate Avenue
Daly City, CA 94015
CLIENT: Roux Associates Inc

N

Historical Topo Map

1950



This report includes information from the following map sheet(s).

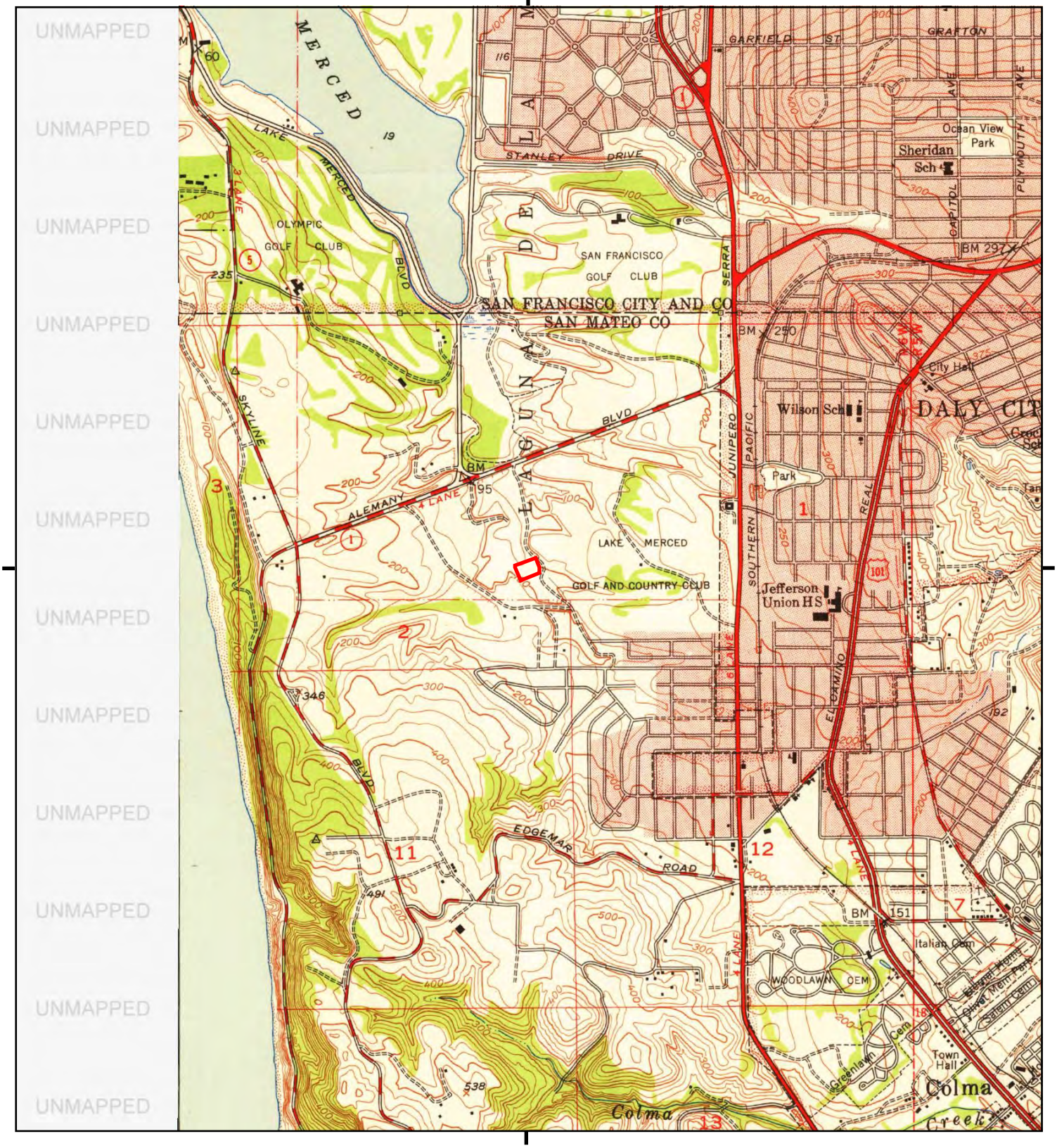
0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

TP, San Francisco South, 1950, 7.5-minute

SITE NAME: 99 Southgate Avenue
ADDRESS: 99 Southgate Avenue
Daly City, CA 94015
CLIENT: Roux Associates Inc

N



This report includes information from the following map sheet(s).

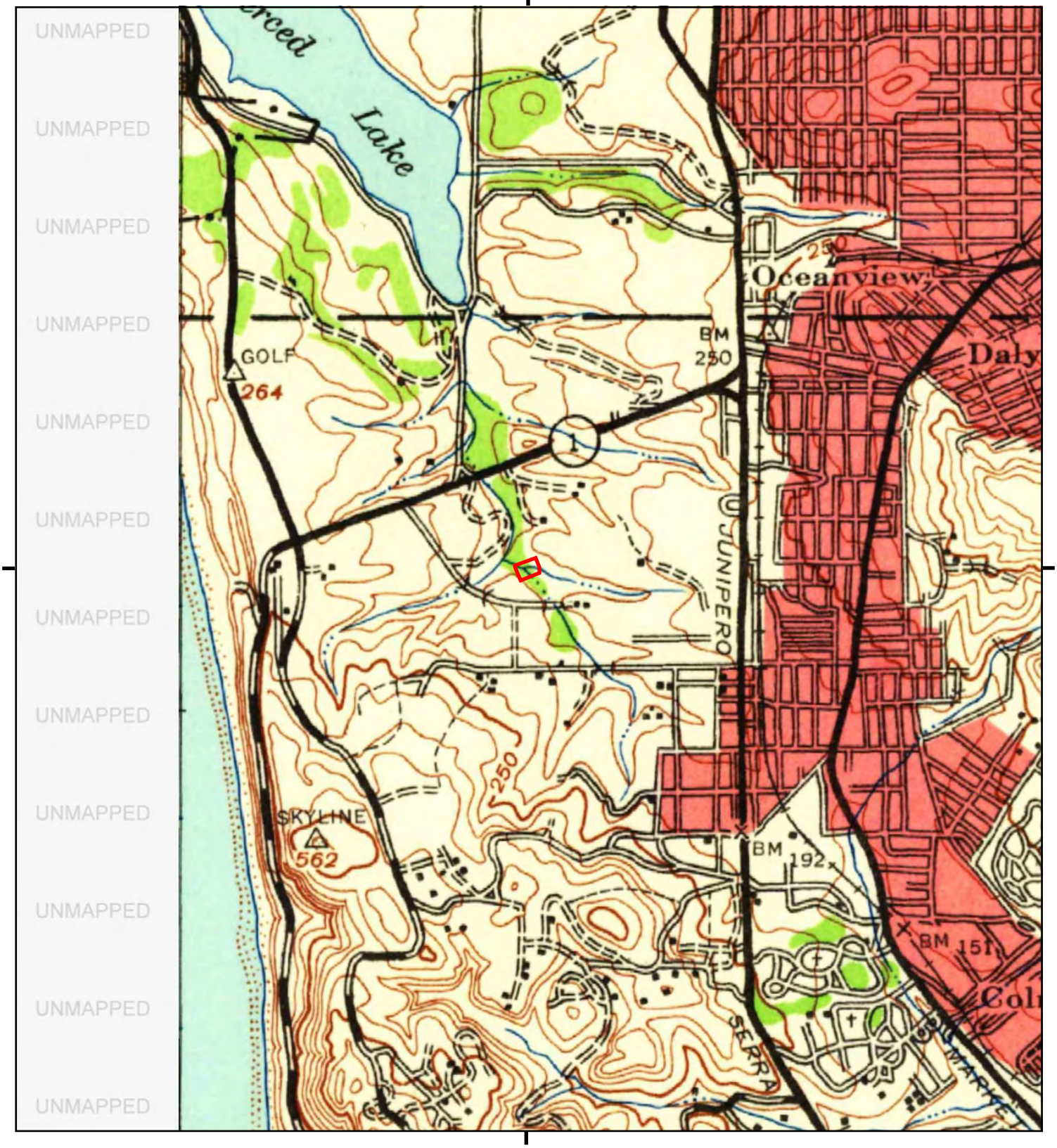
0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

TP, San Francisco South, 1947, 7.5-minute

SITE NAME: 99 Southgate Avenue
ADDRESS: 99 Southgate Avenue
Daly City, CA 94015
CLIENT: Roux Associates Inc

N



This report includes information from the following map sheet(s).

0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

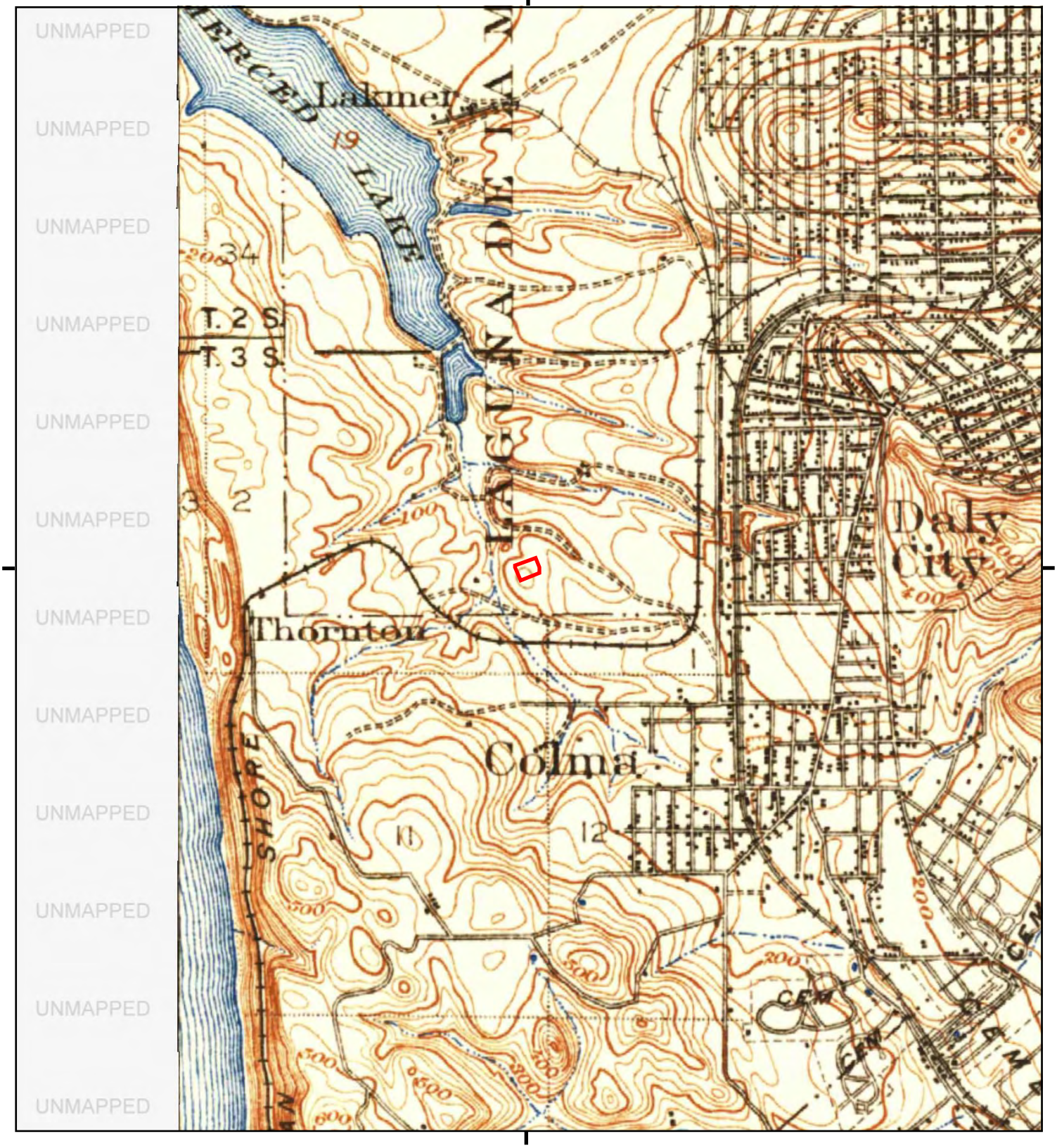
TP, San Mateo, 1939, 15-minute

SITE NAME: 99 Southgate Avenue
ADDRESS: 99 Southgate Avenue
Daly City, CA 94015
CLIENT: Roux Associates Inc

N

Historical Topo Map

1915



This report includes information from the following map sheet(s).

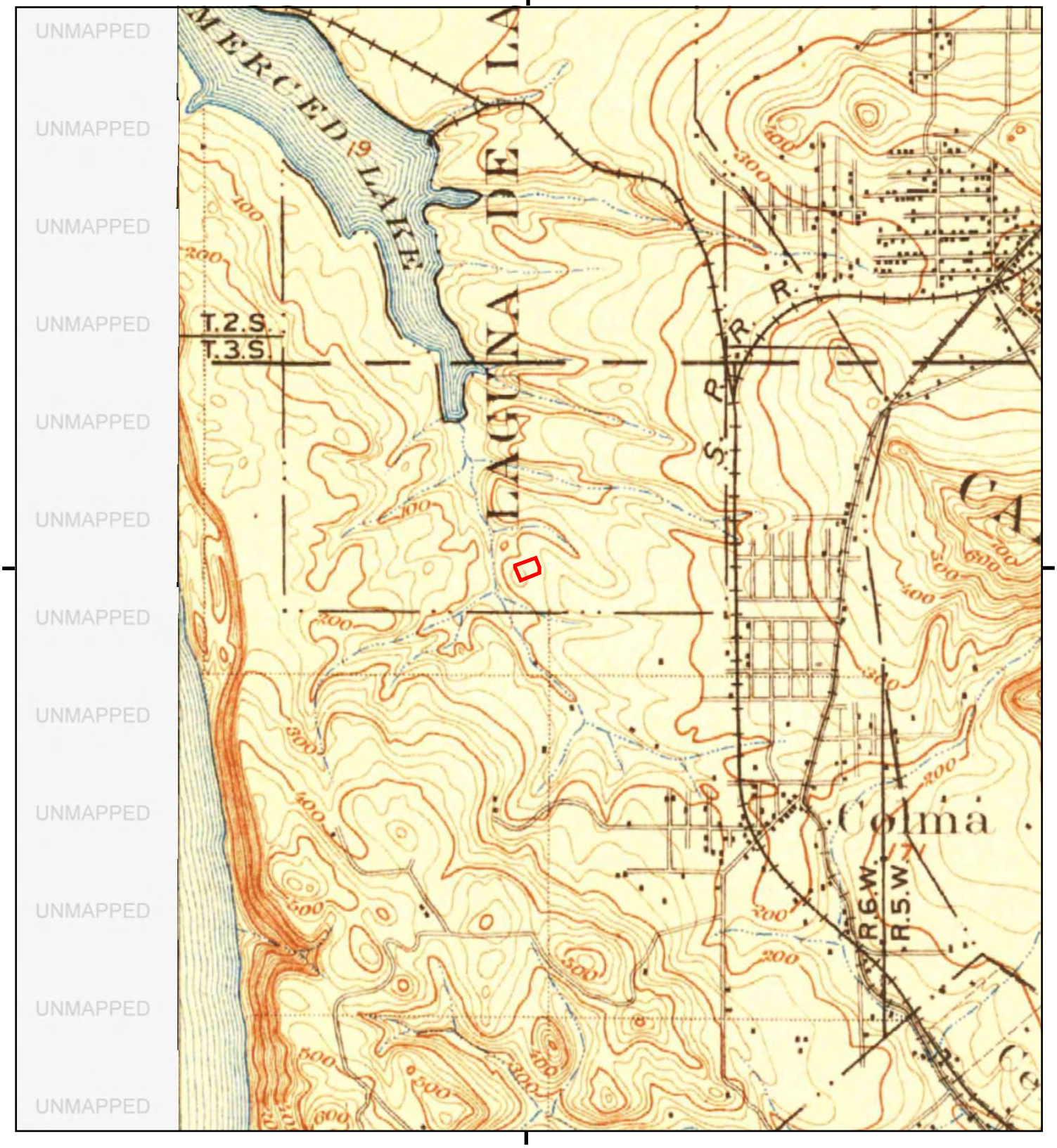
0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

TP, San Mateo, 1915, 15-minute

SITE NAME: 99 Southgate Avenue
ADDRESS: 99 Southgate Avenue
Daly City, CA 94015
CLIENT: Roux Associates Inc

N



This report includes information from the following map sheet(s).

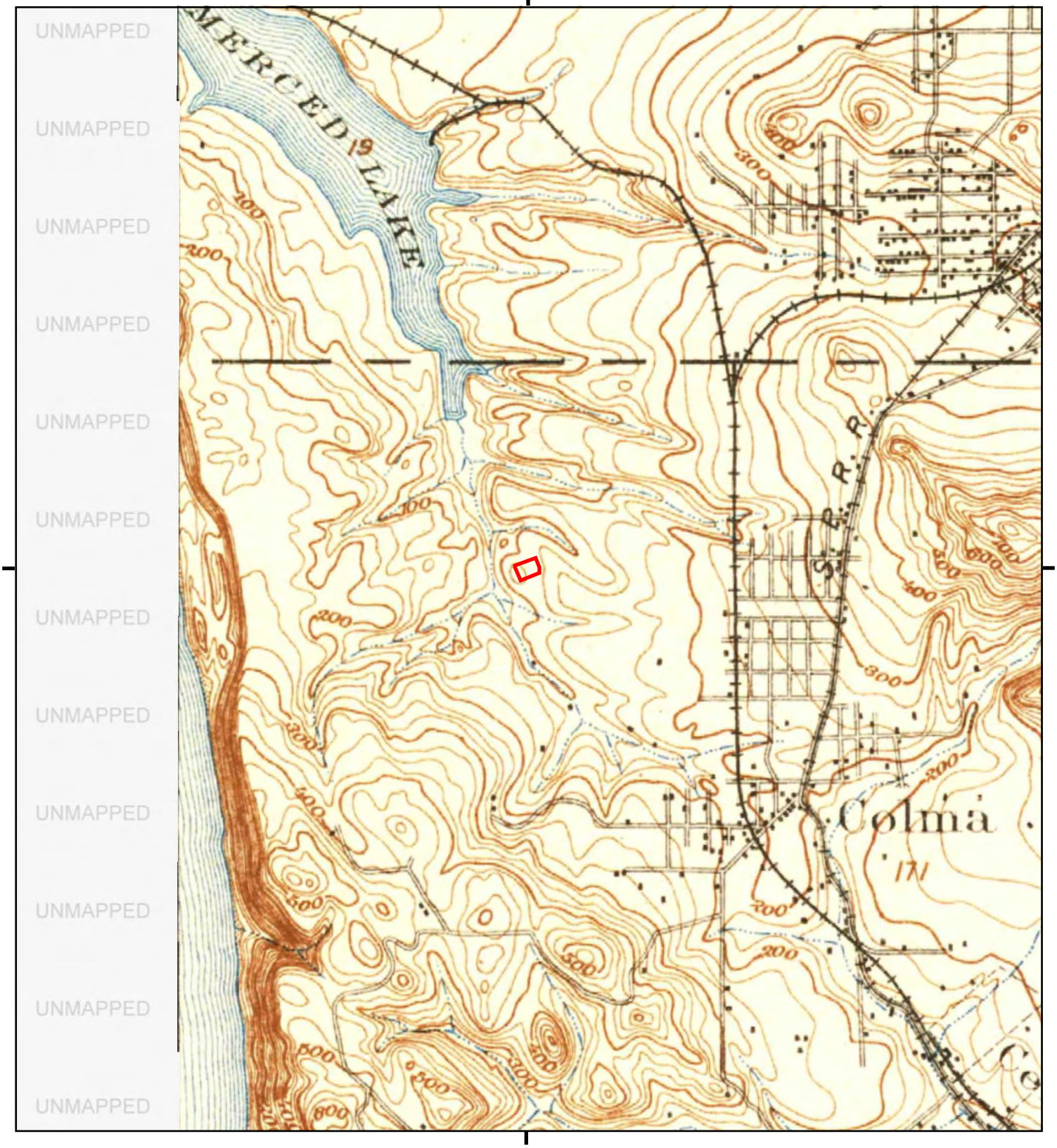
0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

TP, San Mateo, 1899, 15-minute

SITE NAME: 99 Southgate Avenue
ADDRESS: 99 Southgate Avenue
Daly City, CA 94015
CLIENT: Roux Associates Inc

N



This report includes information from the following map sheet(s).

0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

TP, San Mateo, 1896, 15-minute

SITE NAME: 99 Southgate Avenue
ADDRESS: 99 Southgate Avenue
Daly City, CA 94015
CLIENT: Roux Associates Inc

N

APPENDIX C

Historical Aerial Photographs

99 Southgate Avenue

99 Southgate Avenue

Daly City, CA 94015

Inquiry Number: 6333828.8

January 19, 2021

The EDR Aerial Photo Decade Package

6 Armstrong Road, 4th floor
Shelton, CT 06484
Toll Free: 800.352.0050
www.edrnet.com

EDR Aerial Photo Decade Package

01/19/21

Site Name:

99 Southgate Avenue
99 Southgate Avenue
Daly City, CA 94015
EDR Inquiry # 6333828.8

Client Name:

Roux Associates Inc
555 12th Street Suite 250
Oakland, CA 94607
Contact: Emma Totsubo

Environmental Data Resources, Inc. (EDR) Aerial Photo Decade Package is a screening tool designed to assist environmental professionals in evaluating potential liability on a target property resulting from past activities. EDR's professional researchers provide digitally reproduced historical aerial photographs, and when available, provide one photo per decade.

Search Results:

Year	Scale	Details	Source
2016	1"=500'	Flight Year: 2016	USDA/NAIP
2012	1"=500'	Flight Year: 2012	USDA/NAIP
2005	1"=500'	Flight Year: 2005	USDA/NAIP
1998	1"=500'	Flight Date: September 06, 1998	NAPP
1982	1"=500'	Flight Date: August 16, 1982	USDA
1974	1"=500'	Flight Date: June 26, 1974	USGS
1968	1"=500'	Flight Date: April 18, 1968	USGS
1963	1"=500'	Flight Date: July 09, 1963	EDR Proprietary Aerial Viewpoint
1956	1"=500'	Flight Date: September 08, 1956	USGS
1946	1"=500'	Flight Date: July 29, 1946	USGS
1943	1"=500'	Flight Date: October 11, 1943	USDA

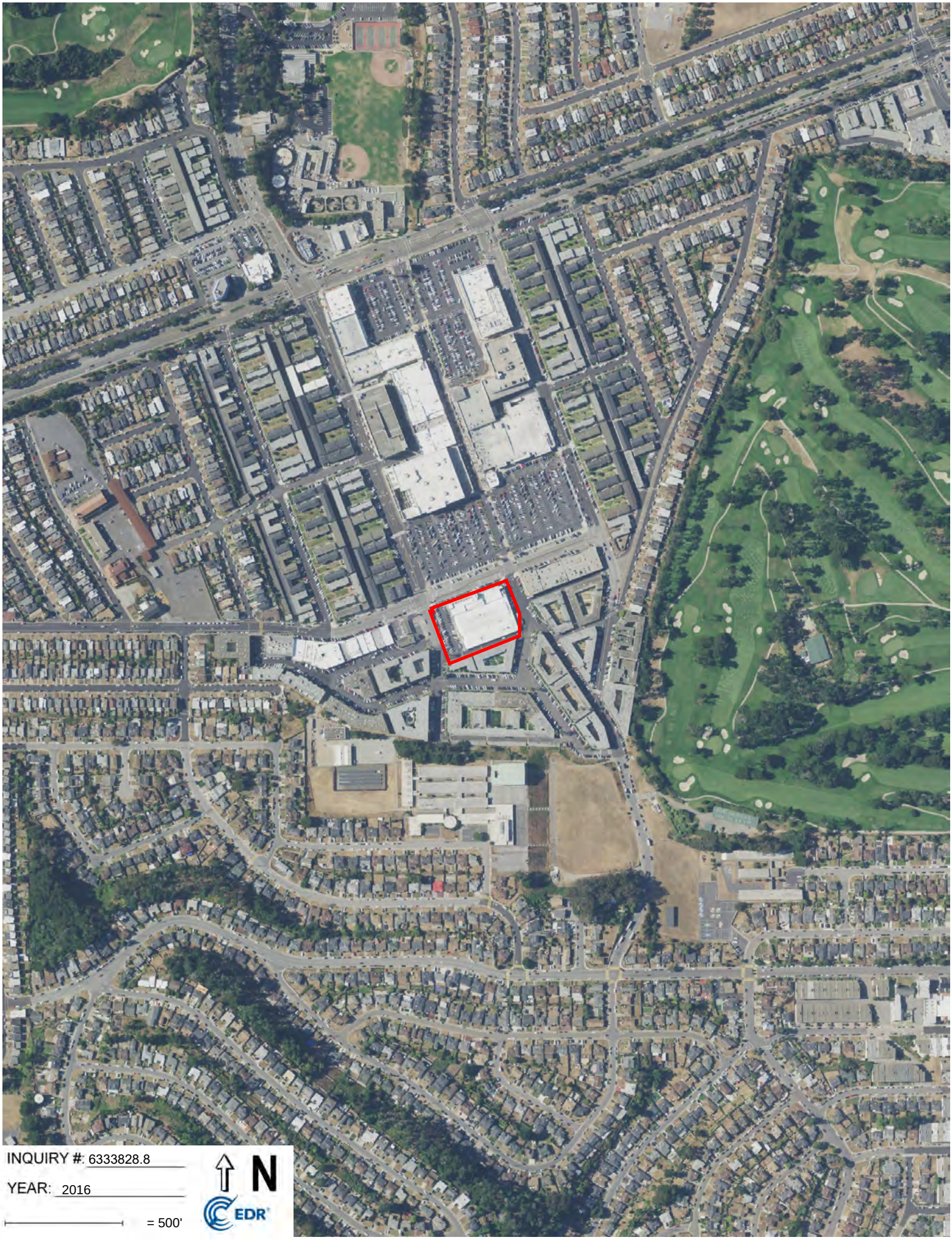
When delivered electronically by EDR, the aerial photo images included with this report are for ONE TIME USE ONLY. Further reproduction of these aerial photo images is prohibited without permission from EDR. For more information contact your EDR Account Executive.

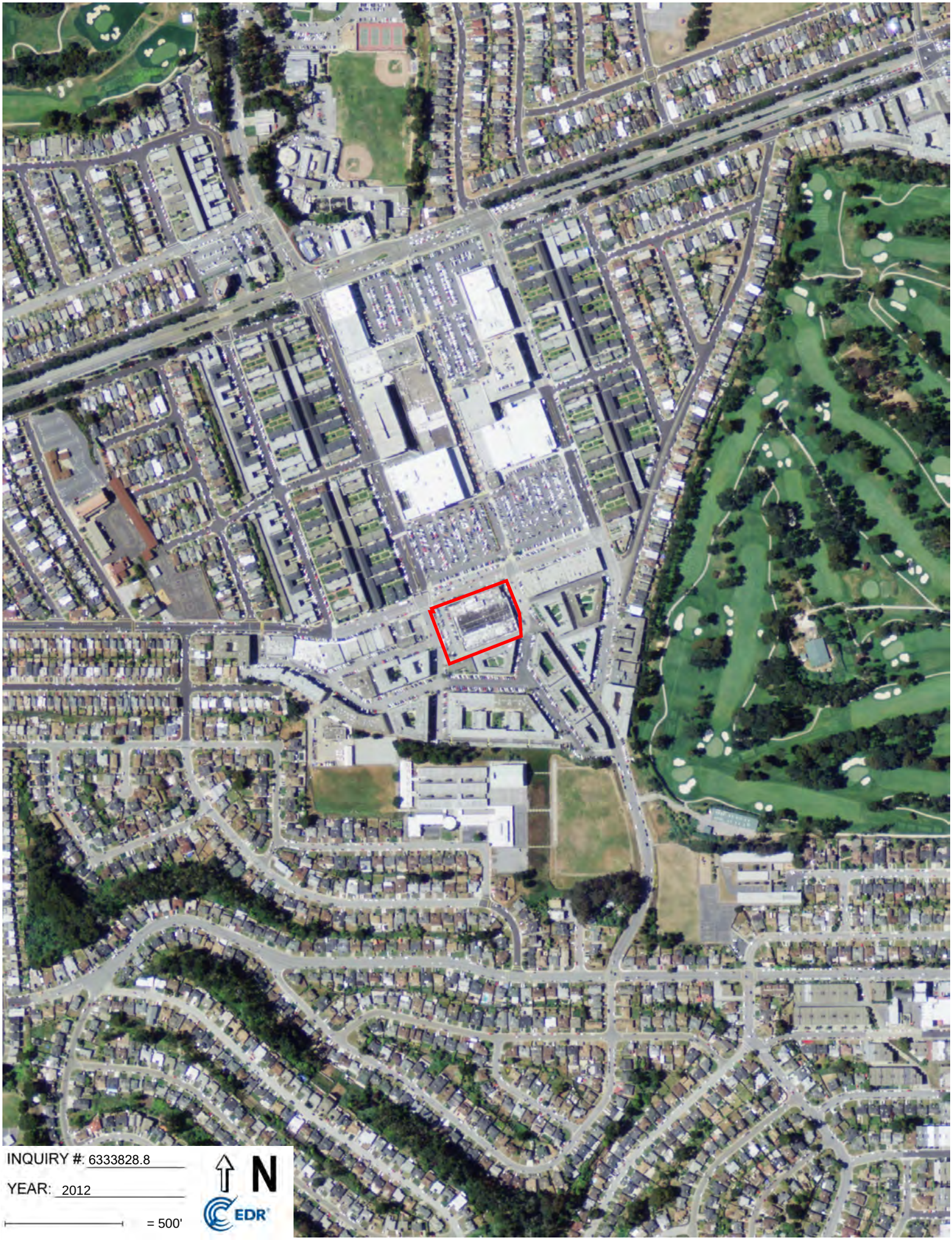
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INQUIRY #: 6333828.8
YEAR: 2016
= 500'
N
EDR


INQUIRY #: 6333828.8
YEAR: 2012
= 500'
N
EDR


INQUIRY #: 6333828.8
YEAR: 2005
= 500'
N
EDR


INQUIRY #: 6333828.8
YEAR: 1998
= 500'
N
EDR

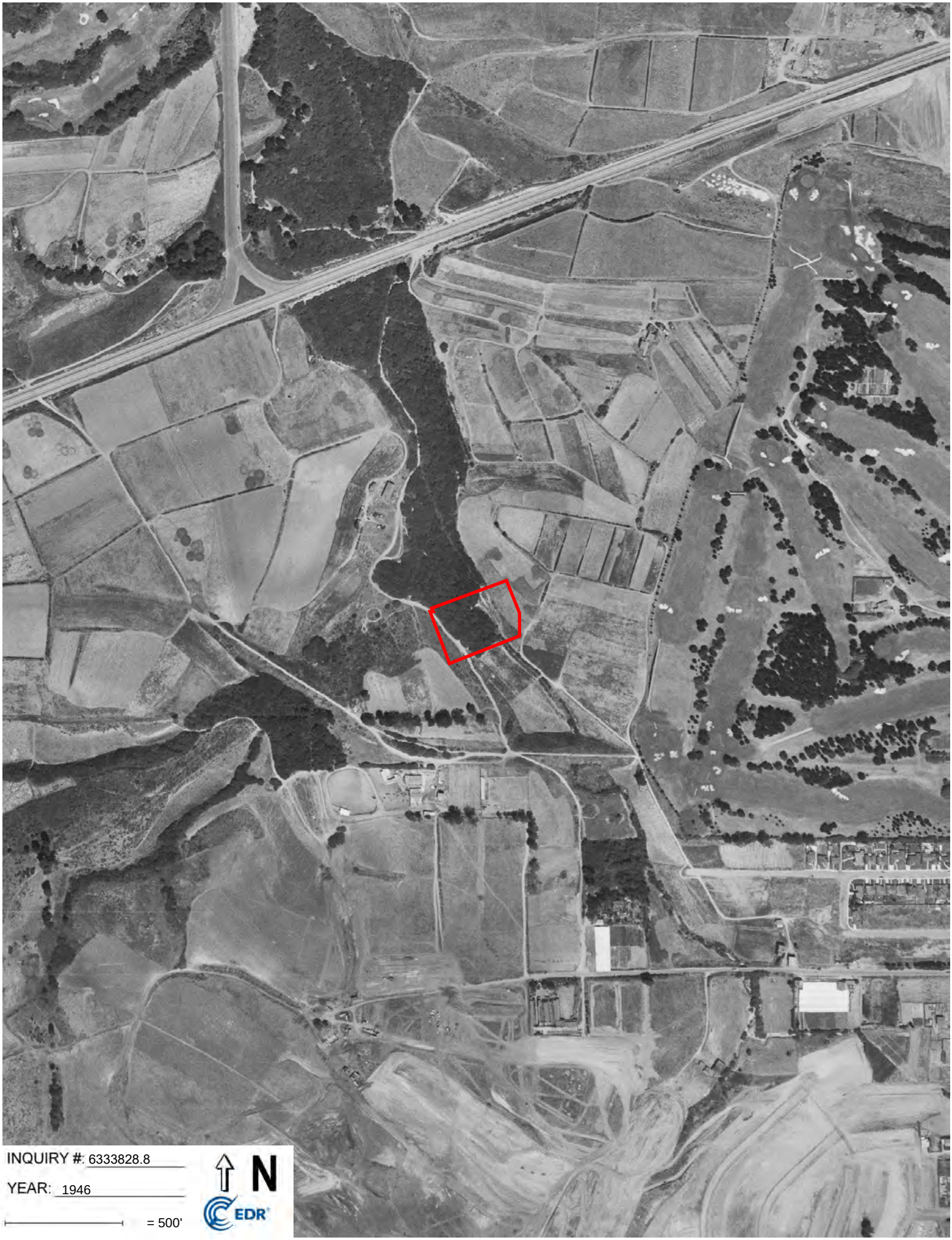

INQUIRY #: 6333828.8
YEAR: 1982
= 500'
N
EDR


INQUIRY #: 6333828.8
YEAR: 1974
= 500'
N
EDR


INQUIRY #: 6333828.8
YEAR: 1968
= 500'
N
EDR


INQUIRY #: 6333828.8
YEAR: 1963
= 500'
N
EDR


INQUIRY #: 6333828.8
YEAR: 1956
= 500'
N
EDR


INQUIRY #: 6333828.8
YEAR: 1946
= 500'
N
EDR


INQUIRY #: 6333828.8
YEAR: 1943
= 500'
N
EDR

APPENDIX D

City Directory Abstract

99 Southgate Avenue
99 Southgate Ave
Daly City, CA 94015

Inquiry Number: 6341107.1
January 27, 2021

The EDR-City Directory Image Report

Environmental Data Resources Inc
6 Armstrong Road
Shelton, CT 06484
800.352.0050
www.edrnet.com

TABLE OF CONTENTS

SECTION

Executive Summary

Findings

City Directory Images

Thank you for your business.
Please contact EDR at 1-800-352-0050
with any questions or comments.

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EXECUTIVE SUMMARY

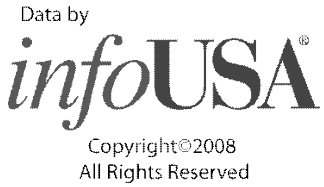
DESCRIPTION

Environmental Data Resources, Inc.'s (EDR) City Directory Report is a screening tool designed to assist environmental professionals in evaluating potential liability on a target property resulting from past activities. EDR's City Directory Report includes a search of available city directory data at 5 year intervals.

RECORD SOURCES

EDR's Digital Archive combines historical directory listings from sources such as Cole Information and Dun & Bradstreet. These standard sources of property information complement and enhance each other to provide a more comprehensive report.

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RESEARCH SUMMARY

The following research sources were consulted in the preparation of this report. A check mark indicates where information was identified in the source and provided in this report.

Year	Target Street	Cross Street	Source
2017	☑	☑	EDR Digital Archive
2014	☑	☑	EDR Digital Archive
2010	☑	☑	EDR Digital Archive
2005	☑	☑	EDR Digital Archive
2000	☑	☑	EDR Digital Archive
1995	☑	☑	EDR Digital Archive
1992	☑	☑	EDR Digital Archive
1986	☑	☐	HAINES AND COMPANY
1981	☑	☐	HAINES AND COMPANY
1976	☑	☐	HAINES AND COMPANY
1972	☑	☑	HAINES AND COMPANY

FINDINGS

TARGET PROPERTY STREET

99 Southgate Ave
Daly City, CA 94015

Year	*CD Image*	*Source*

SOOTHGATE AVE

2000	pg A24	EDR Digital Archive

SOUTHGATE AVE

2017	pg A5	EDR Digital Archive
2014	pg A9	EDR Digital Archive
2010	pg A13	EDR Digital Archive
2005	pg A19	EDR Digital Archive
2000	pg A25	EDR Digital Archive
1995	pg A29	EDR Digital Archive
1992	pg A32	EDR Digital Archive
1986	pg A36	HAINES AND COMPANY
1981	pg A39	HAINES AND COMPANY
1976	pg A42	HAINES AND COMPANY
1972	pg A45	HAINES AND COMPANY

FINDINGS

CROSS STREETS

Year	*CD Image*	*Source*
LAKE MERCED BLVD		
2017	pg. A2	EDR Digital Archive
2014	pg. A7	EDR Digital Archive
2010	pg. A11	EDR Digital Archive
2005	pg. A15	EDR Digital Archive
2000	pg. A21	EDR Digital Archive
1995	pg. A27	EDR Digital Archive
1992	pg. A31	EDR Digital Archive
1986	pg. A34	HAINES AND COMPANY
1986	pg. A35	HAINES AND COMPANY
1981	pg. A37	HAINES AND COMPANY
1981	pg. A38	HAINES AND COMPANY
1976	pg. A40	HAINES AND COMPANY
1976	pg. A41	HAINES AND COMPANY
1972	pg. A43	HAINES AND COMPANY
1972	pg. A44	HAINES AND COMPANY

City Directory Images

Target Street	Cross Street	Source
-	✓	EDR Digital Archive

LAKE MERCED BLVD 2017

260	ABREGO, DAVID J
	DOZIER, FRANCIS
	FELICIANO, JUNJUN J
	FIOLO, AKI
	GRAVADOR, FELI Y
	LI, JINRONG
	MARIANO, SHERYLL
	PASOLD, AGUIDAMERE
	REVELES, ANGELICA
	ROMERO, ZENAIDA
	SHERRILL, DARRYLE
	SHERRILL, DWAYNE
	XIE, CAROLYN
	YUSMAN, HENRY
263	FITNESS 19
280	CERVANIA, SAMUEL C
	DHAKAL, SUSANTA
	DIXON, HONOR B
	ESCAJADILLO, SANDRA
	GARCIA, ANABEL B
	ILAGAN, ELEONOR A
	JOHNSTON, HEATHER
	MCKENZIE, VICKI
	OCAMPO, ANALYN
	RODRIGUEZ, ARON
	RODRIGUEZ, LISA M
	SABLAD, BALDOMERO A
	SANTOS, SANDEE
	SON, HONG
	WINCHATZ, POLITA A
285	GNC
	KIMWEST 186 INC
295	HOLLYWOOD VIDEO
303	HOME SERVICES AT THE HOME DEPOT
	THE HOME DEPOT
311	BANANA ISLAND
320	APINANTHAWORN, TANAWUT
	BUZZEO, STEPHAN M
	CARELL, JOHN E
	ECHANE, ARNOLD G
	ELARDE, ALFREDO A
	HUGHEY, RUTHA L
	JUIM, MACALISENG
	LEE, ANLYNN
	MARTINEZ, MILAGROS R
	MEJIA, ANA
	RAMOS, ODILON
	VALLE, JESUS J
	VELASQUEZ, ALDRIN
340	ALFARO, MAURA

Target Street	Cross Street	Source
-	✓	EDR Digital Archive

LAKE MERCED BLVD 2017 (Cont'd)

340	APALATEVUI, RICHARD
	BOLANOS, JULIETA T
	DEDIOS, CHRISTIAN R
	ESPIA, SHERRY M
	FONTECHA, JAZMINE
	GUIROLA, LUIS E
	JIMENEZ, DOMINGO
	MORGAN, DEREK
	SAFANIEVA, TATINA
	SHOLIN, ANDREW
	TATINA, S
	TUMANG, AGRIPINO P
	VELARDE, ANDRES T
360	BLANCO, MCRIO E
	CABAUATAN, JEROME R
	CRUZ, RAMON M
	DEGUZMAN, JENNIFER F
	DORHAM, TIFFANY D
	ECHANE, ROLDAN
	LEE, WENDY
	MOKHAMMAD, PAKTIS
	NIEVA, RONNEL
	QUINTOS, SARAH
	SANTACRUZ, TANYA
	STYLIANAKI, ELENI
	TRINIDAD, MARIO S
	YABUT, MICHAEL M
380	BUGHAO, EDWIN V
	CALLADO, PHILIP
	COLOM, GEZINNEKE
	FLORES, BELARMINO T
	GOLONDRINA, BOBBY
	JACKSON, FLAVIAR
	LEUNG, SO
	LOPEZ, JESUS C
	REYES, ARMON
	SALINAS, NOEL W
	SAWYER, WILLIAM T
	SMITH, SHIRLEY
	STANTON, LAUREN J
655	ABURISH, MAYSA M
	ALVARADO, OREALIS M
	ANGELES, MARIA
	ARCENEAUX, STEVEN
	CABADA, RICARDO
	CARLOS, JUAN
	CHECHETA, ANDREW J
	COLE, CHERIE
	CUMMINS, BENJAMIN R
	GEE, KELANO

Target Street	Cross Street	Source
-	✓	EDR Digital Archive

LAKE MERCED BLVD 2017 (Cont'd)

655 HANSEN, BREANA
LATA, AARTI A
MADAYAG, MANUELA A
MARSHALL, MICHAE
MOSE, HENRY F
NEAL, MICHAEL
REYES, PATRICK
RUAN, STANLEY
ZHANG, YUN L

Target Street	Cross Street	Source
✓	-	EDR Digital Archive

SOUTHGATE AVE 2017

5	ALWAYS WITH YOU PEST CONTROL
15	KIMCO REALTY
19	HSBC
25	SHAKING CRAB
33	BANK OF AMERICA
	BANK OF AMERICA FINANCIAL CENTER
	FIRST CALL LOCKSMITH
65	PATELCO CREDIT UNION
75	CESARI WERNER & MORIARTY PROFESSIONA
85	PHO HYUNH HIEP RESTAURANT
95	UNION BANK
99	BURLINGTON COAT FACTORY
151	WESTLAKE SHOPPING CENTER
169	WESTLAKE LAUNDRY
175	QUICKLY
181	ELMS BEAUTY SALON
	TIME FOR NAILS
	TIMES SALON
187	DR YAMAT DDS
	DR YAMAT DENTAL
189	EXPRESSION HAIR DESIGN
198	BALL, RYAN S
	FELICIANO, MARITES
	FISHER, EMANUEL E
	GONZALEZ, MIGUEL
	GUARIN, MARY G
	HE, LIANXIN
	TOLENTINO, HYACINTH
	VELASCO, GASPAR
199	LIN, RON H
	LLOREN, ANDREW
	NGUYEN, KHA Q
201	BANGKOK GARDEN
	DALY CITY GENERAL LOCKSMITH
203	BIKRAM HOT YOGA DALY CITY
207	KUMON MATH & READING CENTERS
209	KING WAH RESTAURANT
	SAN FRANCISCO GARAGE DOORS REPAIR
220	ROBINSON, SHARMA T
230	MARIA, L
250	DSOUZA, VALENCIA
251	YONG IN MARTIAL ART
275	AZURITE LOCKSMITH
	CITY OF DALY CITY
298	VU, JOSEPHINE D
355	ALLABABIDI, SALAH A
	ARCAINA, EDWINA A
	BAIRD, SHAUN M
	BANGURA, MILLICENT
	BARCELON, JIKI

Target Street	Cross Street	Source
✓	-	EDR Digital Archive

SOUTHGATE AVE 2017 (Cont'd)

355	BOMANJEE, RUSI
	CHIN, ELBERT T
	CUSI, SIXTA R
	DAVIS, SUSAN
	HASWAR, SUMIT
	HOLLWAY, CHAD
	JACKSON, CHARMAINE J
	LONG, CHONG
	MANDLER, PETER C
	MILHOMEM, GOACI
	MIN, MA E
	PALACIO, MARISA T
	PEGUEROS, KENNETH F
	PEREZ, JORGE R
	QUITO, ADELINA
	RENDON, THEODORE
	RODRIGUEZ, CIRILO
	SABLAD, BERNARD
	SANCHEZ, RODRIGO
	SANDERS, D
	SANORJO, ALLEN
	SOLANO, FLOR D
	TSANG, MADELAINE
	VIRAY, AURELIA

Target Street	Cross Street	Source
-	✓	EDR Digital Archive

LAKE MERCED BLVD 2014

260	BRACY, THARION J
	CARBALLO, ROSA
	CATZIN, LUIS A
	DIAZ, CYNTHIA
	DOZIER, FRANCIS
	FONTELAR, CARLOS D
	JENKINS, BETH A
	LAKHA, MANWINDER
	OLIVA, CATZIN
	REDAJA, REYNALDO T
	THARP, COLLE C
	VELARDE, EVELYN S
	YANG, YAN
	YUSMAN, HENRY
263	FITNESS 19
280	CERVANIA, SAMUEL C
	CHUKWU, DENNIS
	DIXON, HONOR B
	GARCIA, ANABEL B
	KHARBUJA, RENU
	LAXAMANA, CARMEN T
	MAYAPIS, FLORDELIS L
	MUSNI, ANTHONY
	NGUYEN, DOS
	SABLAD, BENEDICT I
285	GNC
	KIMWEST 186 INC
287	BEVERLY FABRICS & CRAFTS
295	HOLLYWOOD VIDEO
303	THE HOME DEPOT
311	BANANA ISLAND
320	APINANTHAWORN, TANAWUT
	ECHANE, ARNOLD G
	EFIMOV, IGOR
	ELARDE, ALFREDO A
	HUGHEY, RUTHA L
	KIM, SOOJIN
	KIM, YOUNGKYO
	KLOULUBAK, RAYNE
	LEE, ANLYNN
	MEJIA, MAURICIO M
	OMURA, TAKESHI
	ROBERSON, ESSENCE
	SOLIS, AMELITO A
	VALLE, JESUS J
340	ALFARO, MAURA
	BOLANOS, JULIETA T
	DOMAOAN, SHEILA
	ELQOSSARI, RADWAN
	FLORES, ELLEN

Target Street	Cross Street	Source
-	✓	EDR Digital Archive

LAKE MERCED BLVD 2014 (Cont'd)

340	HORWITZ, MATTHEW
	JIMENEZ, DOMINGO
	OAKLEY, MELODY K
	OGANS, KEVIN
	ONGPIN, ROY J
	POWELL, LEON
	SAFANIEVA, TATINA
	SANTANA, RICARDO
	TUMANG, AGRIPINO P
	VELARDE, ANDRES
	VU, QUANG V
360	BATZ, SYLVIA V
	BLANCO, MCRIO E
	CARBOZA, RUDY L
	ECHANE, ROLDAN
	ESPARTERO, RAMON
	FASSBENDER, JOHANNA
	MADAYAG, MARGARITA C
	MARTINEZ, DINORA
	NIEVA, RONNEL
	QUINTOS, SARAH
	ROSA, VANESSA
	SANTACRUZ, TANYA
	SILVA, TANIA
	STYLIANAKI, ELENI
	TRINIDAD, MARIO A
368	VICENTE, JAIRO
380	CALLADO, PHILIP
	FLORES, PATRICIA
	FRUGOLI, L
	LEUNG, SO
	LOPEZ, JESUS C
	MONSADA, ALEX J
	PANGILINAN, JEFF
	SALINAS, NOEL W
	STANSBERRY, ROBERT
655	ABURISH, MAYSA M
	ARCENEAUX, STEVEN
	CARDANAS, ADRIANA
	CARLOS, JUAN
	CUMMINS, BENJAMIN R
	GALICHA, MARJORIE
	HENRIETTA, LEE
	KIM, SOOKY
	LAM, ANNA
	LOPEZ, ANTONIO
	NOCHEZ, LIDIA
	ORTIZ, OSCAR D
	REYES, PATRICK
	WALKER, PAUL

Target Street	Cross Street	Source
✓	-	EDR Digital Archive

SOUTHGATE AVE 2014

5	CHASE
	CHASE BANK
25	SHAKING CRAB
33	BANK OF AMERICA
75	CESARI WERNER & MORIARTY PROFESSIONA
	KIMCO REALTY
	SPRINT
	WESTLAKE SHOPPING CENTER
85	PHO HUYNH HIEP RESTAURANT
95	UNION BANK
99	BURLINGTON COAT FACTORY WAREHOUSE DE
115	DATU, MERCY
151	ARCO SERVICE
	WESTLAKE ARCO WESTLAKE ARCO SERVICE
	WESTLAKE SHOPPING CENTER
155	OCCUPANT UNKNOWN,
169	WESTLAKE LAUNDRY
175	QUICKLY
177	SUBWAY SANDWICHES
181	TIME FOR NAILS
	TIMES SALON
183	H&R BLOCK
187	YAMAT DR DDS
189	EXPRESSION HAIR DESIGN
198	ALI, ATIF
	DARDEN, ROBERT L
	DELROSARIO, EDNA
	GUARIN, LEONORA N
	TOLENTINO, HYACINTH
	VASQUEZ, ROLANDO
199	UNITED STATES GOVERNMENT
201	BANGKOK GARDEN
203	BIKRAM HOT YOGA DALY CITY
	FURNISHING DECOR
209	KING WAH RESTAURANT
220	MATEO, CRISPIN
230	THERESA, MARIA
235	DAE JANG KUM
250	DSOUZA, VALENCIA
251	YONG IN MARTIAL ART
275	CITY OF DALY CITY
298	VU, JOSEPHINE D
325	SHEIN, SPENCER H
355	ALLABABIDI, SALAH A
	AUNG, WIN
	BOMANJEE, RUSI
	BUNGAY, RACHELLE
	CHAN, POLLY
	CORPUZ, RANI A
	DAGAMA, ERIKA

Target Street	Cross Street	Source
✓	-	EDR Digital Archive

SOUTHGATE AVE 2014 (Cont'd)

355	DAVIS, SUSAN
	DEUDOR, CRISPIN T
	DIOGO, G C
	HULCE, MIKE
	JACKSON, CHARMAINE J
	JOHNSON, HARRIETTE S
	LARA, SONIA
	LEE, HYUNJU
	LONG, CHONG
	PEGUEROS, KENNETH F
	PEREZ, JORGE R
	PERRIGO, COREY
	RAVAL, AASHKA
	RENATO, M S
	RENDON, THEODORE A
	RIVERA, FARID
	RODRIGUEZ, MARIA
	SABLAD, BERNARD
	SCOTT, ROBERT E
	TOYORADA, RAYMOND P
	VIRAY, AURELIA
	WANG, SHEN

Target Street	Cross Street	Source
-	✓	EDR Digital Archive

LAKE MERCED BLVD 2010

260	BROWN, MICHAEL
	CASEY, THOMAS E
	DOLORES, NICANOR E
	GOZON, DARWIN L
	QUIAMBAO, MARIZA
	SABLAD, ANNE
	TARTT, JULIUS
	TERRY, MILO B
	THARP, COLLE C
	YUSMAN, WENDY
280	ALLAN, NADA
	BANEZ, NINA
	DAQUIOAG, MELISSA
	DELIMA, DEMARI
	DIXON, HONOR B
	FERNANDEZ, AMIRA O
	HAMPTON, VICTOR
	HATCH, MICHAEL
	HEINMILLER, ERIC
	NGUYEN, DOS
	SANCHEZ, MARIA
	SENGSON, ERIC N
	SUAREZ, JUAN
	ZAAROUR, J
283	PENINSULA UNION DENTAL CTR
311	BANANA ISLAND
320	CARELL, JOHN E
	EFIMOV, IGOR
	ELARDE, ALFREDO A
	GENOCHIO, ADELA
	HUGHEY, CHARLOTTE
	MACALISANG, JUDITH
	MARTIN, ELISE A
	OMURA, TAKESHI
	PEDAGAT, RUDY R
	ROSAS, CARMEN
	SAWYER, LEIKIM K
	SOLIS, MICHAEL D
	YCASIANO, JOANNE
340	ALFARO, MAURA
	CARRILLO, FABIOLA
	CRADDOCK, DAVID
	DUNN, DENNIS
	LAWRENCE, DAVID
	OAKLEY, MELODY K
	TUMANG, SYLVIA M
	VELARDE, GREG L
	VU, QUANG V
	WHEELER, BRAD
360	CARBOZA, RUDY L

Target Street	Cross Street	Source
-	✓	EDR Digital Archive

LAKE MERCED BLVD 2010 (Cont'd)

360	CARDOZA, JERRY L
	DEGUZMAN, ESTERLITA F
	DISPO, ELAINE J
	DORHAM, ROBERT C
	ECHANE, ROLDAN
	FAAPUAA, THERESA
	HODGE, BARRY W
	NAIR, BIMAL K
	NIEVA, RONNEL
	ORTIZ, TANYA A
	SANTOS, EDSON
	SILVA, TANIA
	YABUT, MANUEL M
368	VICENTE, JAIRO
380	BUGHAO, IRENEA I
	CALLADO, PHILIP
	CORDON, PEDRO A
	DONES, CAROL A
	DURHAM, AMBER J
	LOPEZ, JESUS C
	LUNA, ZENAIDA
	MAXIMO, CARLOS
	PANGAN, PATRICK M
	PHAN, CHERRY
	ROGERS, AUNDRAY T
	SALINAS, NOEL
	SANTIAGO, MARIA
	VARGAS, MANUEL
655	ABA, JANE R
	CAVALCAMTE, VIVIANE
	DIAS, WIRIS
	FREEMAN, JOSEPH W
	GALICHA, MARJORIE
	GARCIA, JOSE
	KAUR, MANPREET
	LAM, ANNA
	NEAL, MICHAEL
	PENN, JOHN E
	RICHARDSON, FERDINAND J
	ROSA, VANESSA
	RUIZ, JESSIE A
	SHEIKH, MOHAMMED I
	SILVA, VANDERLEIA
	VENEGAS, FRANCIA
	WARD, ELIZABETH A

Target Street	Cross Street	Source
✓	-	EDR Digital Archive

SOUTHGATE AVE 2010

5	CHASE
19	HSBC BANK
25	PLUMBING AARON
	TOKYO TERIYAKI RESTAURANT
45	SETON OUT PATIENT PHYSICAL T
51	CONSING, JOHNNY E
75	KIMCO REALTY CORP
	WESTLAKE SHOPPING CTR
85	PHO HOA HIEP
95	US BANK
99	BURLINGTON COAT FACTORY
100	LEDESMA, MYRNALOU J
151	WESTLAKE ARCO
158	PIEGA, INOCENCIA
169	WESTLAKE LAUNDRY
175	LAPU LAPU EXPRESS II UNITELLER
	QUICKLY
177	SUBWAY
181	TIMES SALON INC
183	H&R BLOCK
187	ACOSTA WINNISTHER DDS
	TUCKERYAMAT INC
198	FELICIANO, MARITES
	GONZALEZ, MIGUEL
	QUINTERO, ALDO
	SADHEZARI, NILI
199	US POST OFFICE
201	BANGKOK GARDEN THAI CUISINE
207	KUMON MATH & READING CTR
209	KING WAH RESTAURANT
218	247 LOCKSMITH DALY CITY
220	IBE, VICTORIO S
250	DSOUZA, V
251	YONG IN MARTIAL ART
275	WESTLAKE LIBRARY
298	VU, JOSEPHINE D
355	BECERRA, JULIO C
	BOMANJEE, RUSI
	CHEN, CHIAYIN
	GONONG, EMMANUEL P
	HOLLWAY, CHAD
	JERNIGAN, BRUCE E
	JIMA, SIMRET
	JOHNSON, HARRIETTE S
	KANU, TABEH
	KIM, C
	KUANG, SHIRUI
	LIUNARDI, SRI S
	LO, VANIA
	LONG, CHONG

Target Street	Cross Street	Source
✓	-	EDR Digital Archive

SOUTHGATE AVE 2010 (Cont'd)

355	MANDLER, PETER
	PEGUEROS, KENNETH F
	PEREZ, JORGE R
	RENDON, THEODORE A
	REYES, EDDERLIE D
	RODRIGUEZ, M
	SCOTT, CAROLYN
	SIDHARTA, IRWIN
	SIMRET, JIMA
	SMITH, ELEANOR F
	TAHMASSBI, MASOUD
	VIRAY, VELLE
	ZHAO, FU J

Target Street	Cross Street	Source
-	✓	EDR Digital Archive

LAKE MERCED BLVD 2005

260	CHONG, CHUNWING
	CHUNG, SANG M
	DAVID, VINCENTE
	DUDONIS, ALVIDAS
	ENGEL, SHARLEEN
	ERAZO, ANA D
	HAN, CHANG H
	KO, SUNG J
	LE, HA T
	LINDAHL, GAIL C
	MONTECILLO, VENTURA
	MORQUECHO, RUTH
	MUNOZ, MARIA
	PADILLA, JOSE L
	PONCE, H
	REGIS, RAMON
	SHOEIBY, MAHNAZ M
	SHRESTHA, SHITAL
	TAMAYO, ZALDY
	TARTT, JULIUS
	TERRY, MILO B
	TUMAMAK, CONNIE
	YAPA, MANUEL
	YUSMAN, WENDY
280	BAUTISTA, WILMINA
	BROWN, ROSS
	CARLETON, SANDRA
	COLON, ARACELI
	COLON, BIANCA B
	DELIMA, DEMARI
	DIXON, HONOR B
	FERNANDEZ, AMIRA O
	GOESNAR, INGRID J
	ILAGAN, ELEONOR A
	INFANTE, JORGE I
	JOHNSON, WILLIAM G
	KIM, AMBER
	KWEIK, NABILAH
	LEE, DONG
	MENDOZA, NUMENIA
	OSEGUEDA, MARNIE C
	POOL, GREG
	PROUD, ROBERT
	RYAN, CAREY G
	SALINAS, LOURDES B
	SUH, YEHWA
	SWANSON, BRIAN J
	TAO, S
	WINCHATZ, POLITA
	ZAAROUR, J

Target Street	Cross Street	Source
-	✓	EDR Digital Archive

LAKE MERCED BLVD 2005 (Cont'd)

295	HOLLYWOOD VIDEO
311	BANANA ISLAND
320	BLESOCH, PHILLOLLA
	CARELL, JOHN E
	EFIMOV, IGOR
	GANDINGCO, GAYLORD
	GUINTO, MARIEDTA
	HERNANDEZ, JOSE
	HUGHEY, RUTHA L
	INAGAKI, MIHOKO
	JAVIER, AUGUSTO S
	LANCIA, GEORGE
	LUNA, GLORIA
	MARTIN, ELISE
	OMURA, TAKESHI
	PATE, RAQUEL
	PEREZ, ROBERTO
	PUMACAYO, JAVIER
	SERRANO, ANTONIO
	SOLIS, IRENE D
	TAKENAKA, SHIGERU
	UGBAJA, NKEMDIRIM C
	ZIED, BHIRI
340	AMURAO, LEVI I
	BALZA, NORMAN
	BENAVIDES, GERMAN
	BRUNER, ALPHONSUS G
	CLARA, ELBA
	ELIZABETH YULO
	GONZALEZ, JUAN
	JOSE, SOLANO
	LAWRENCE, DAVID
	MCGOWAN, ROSE
	PARK, SUNG J
	QUARIO, JULITA C
	RUBIO, APOLINAR
	SABLAD, IMELDA I
	TUMANG, SYLVIA M
	VELARDE, GREG L
	VU, THU
	YAPO, MANUEL
	YULO, ELIZABETH P
	ZIN, THAN
360	ARAKELIAN, VALIA
	CARMONA, GILBERTO
	COHEN-SOLAL, M
	DONPIROM, ORASA
	ECHEANDIA, LUIS
	GONZALEZ, ROBERTO R
	HODGE, BARRY

Target Street	Cross Street	Source
-	✓	EDR Digital Archive

LAKE MERCED BLVD 2005 (Cont'd)

360 LATORRE, JOHN T
MAMON, FILMAN F
ORTIZ, TANYA A
SEGOVIA, MEYBOL C
SILVA, TANIA
TOLENTINO, ROGELIO C
VALLE, VICTOR
VICENTE, JAIRO
YAN, XIAO L

380 ABEO, EMMA
ALVAREZ, DANTE C
ARPILLEDA, JOANNE
AVEO, EMMA
BALBOA, DANILO
CALLADO, NICANOR
CARAM, LOURDES
CARDONA, DIANA
CASTRO, GUSTAVO
COLON, KATRINA M
CORDON, PEDRO A
DEGUZMAN, GEMMA C
GARCIA, VICKIE
GOLONDRINA, ROSALIE G
GOMEZ, MICHELLE
GUETTATFI, MOHAMED
JEREMIAS, JOAO B
LOPEZ, JESUS C
MANANSALA, RICHARD
MORAN, BEATRIZ
NUNES, MARIA
PANGAN, PATRICK M
RUIZ, JOSE
STEERS, JESS J
TSAO, VERA

393 GRANNY ENGS BAKERS

655 ALVAREZ, LILIAN
BAILEY, JAMESSE N
BORGES, ASTERIO
BYRNE, FLOR M
CAYABYAB, JAIME
CORREIA, ANTONIO M
COX, CAROLINE
DOS-SANTOS, LORIVAL
ERKOCAK, AHMET
FAN, WENZHENG
FREEMAN, JOSEPH
GARCIA, JOSE
IGNACIO, RUTH
JANUARIO, VALNIDES
KAUR, MANPREET

Target Street	Cross Street	Source
-	✓	EDR Digital Archive

LAKE MERCED BLVD 2005 (Cont'd)

655 LATANAFRANCIA, CAROLYN L
LIN, CHUNG J
MANUGUID, MAYALYN
MARQUEZ, OLIVIA
MAYORAL, HUMBERTO
MENDES, SELMA
MONROY, JULIA
MONTEIRO, ROBERSON
NEUFELD, ANN H
ORITIZ, DAVID
PENN, JOHN E
SAGONG, YONIOO
SILVA, DELVANE
VALENCIA, HERBERT
VAZ, ROBERTO C
VENEGAS, FRANCIA
VILLASENOR, MARK A

Target Street	Cross Street	Source
✓	-	EDR Digital Archive

SOUTHGATE AVE 2005

21	MARTIN CHIROPRACTIC CENTER
25	TOKYO TERIYAKI RESTAURANT
51	CONSING, JOHNNY E
75	PACIFIC CONCESSIONS INC
85	PHO HOA HIEP
99	BURLINGTON COAT FACTORY
	NSHANS TAILOR SHOP
100	LEDESMA, MYRNALOU J
151	WESTLAKE ARCO SERVICE
155	PAVIA, EMMANUEL
177	PARKS MARTIAL ARTS INSTITUTE
	PARKS TAE KWON DO
181	K Y NAILS
187	PAGLINAWAN AUGUSTO DDS
	TICKER ELEANOR DDS
	YAMAT C LIBRADA DENTAL OFFICE DDS
	YAMAT INC
	YAMAT LIBRADA DDS
189	MANNYS HAIRCUTTERS
198	CHAMORRO, GENE J
	CHUA, JEREMIAH
	DIMAS, FERNANDO
	KWON, YANG S
	LEMON, FRANK H
	MAGPANTAY, JERICO
	REYES, RONALD T
201	BANGKOK GARDEN THAI CUISINE
209	KING WAH RESTAURANT
220	JACINTO, GRACE
230	CHEN, JUSTIN
235	SOUTHGATE COFFEE SHOP
250	DSOUZA, V
251	CHINESE GOLDEN BOOK & GIFT SHOP
275	WESTLAKE PUBLIC BRANCH LIBRARY
298	NGUYN, ROSALINE L
355	AGUILAR, A
	BAILON, PAUL
	BARLEY, LEIGHTON
	BARTHOLOMEW, CHRISTOPHER
	BEKEL, WUBISHET
	BOMANJEE, RUSI
	BROWN, DANNY
	CHUNG, SANG M
	CIMPRA, DIOGO
	CRUZ, SAMUEL
	FUNG, LAWRENCE
	GASKINS, CARLA
	GODOY, MIRIO
	GONZALES, YENN
	GUM, LEON G

Target Street	Cross Street	Source
✓	-	EDR Digital Archive

SOUTHGATE AVE 2005 (Cont'd)

355	HODGKINSON, REBECCA J
	HOLLIS, PERRY R
	HOPKINS, VERONIKA Z
	INGVER, VILLU
	JORDAN, FUAMOLI S
	KESSLER, MIROSLAW M
	KIM, H S
	KING, MEGAN T
	LO, LIONARDI L
	LOSINTO, YOHANEF
	LU, ICHENG C
	MANDLER, PETER
	MANUEL, ERIC M
	MELO, HELENA
	MILHOMEM, GOACI
	MURPHY, RACQUEL M
	OCON, DEYANIRA L
	PEGUEROS, KENNETH
	QUARLES, GLEN
	REABUBIN, ENNA
	SANTOS, ROMES B
	SCARBOROUGH, CATHRYN A
	SHEPPARD, TOM L
	SIMMONS, PABLITO
	STUBBLEFIELD, BETTY
	TAHMASSBI, MASOUD
	WU, LIXING
	YOSHIDA, CHIKAHIRO

Target Street	Cross Street	Source
-	✓	EDR Digital Archive

LAKE MERCED BLVD 2000

260	CASTANEDA, CAROLYN
	CORTEGANA, FELIPE M
	DILORENZO, LISA
	DOCKALOVA, BARBARA
	FAGLIANO, SHEILA M
	FIFER, ALBERTA
	GALLEGOS, K
	LARSON, DAVID
	MONTECILLO, VENTURA
	REICHMUTH, DEBRA A
	SINGH, AMIT P
	TERRY, MILO B
	TOWEY, KELLEY A
280	CHALERMVONGSENE, MAY
	COOMANS, GARRY A
	DAMEWOOD, CHARLES L
	DUFFY, JAMES
	EASTER, R L
	FRANCO, FABIO
	GERALDI, DANIEL J
	JOHNSON, WILLIAM G
	JOJOLA, J
	RAGUSA, JEFFERY
	SHIH, YIN F
283	CONSUMER DENTAL OFFICE
	DAVIDOWITZ MORRIS DDS
	DENTISTRY FOR CHILDREN
	DUPREY LEO E DMD INCORPORATED
	PENINSULA UNION DENTAL CENTER
	WESTLAKE ORTHODONTIC PRACTICE
285	WESTLAKE SHOPPING CENTER ADMINISTRATION
287	BEVERLY FABRICS & CRAFTS
295	HOLLYWOOD VIDEO
320	BANDA, G D
	CARELL, JOHN E
	CHEN, CHING M
	DUQUETTE, JOHN
	KHAM, JIMMY C
	LABANCA, DONATO E
	LEVY, J
	MASUI, HISAKO
	PEDAGAT, RUDY R
	PEDERSON, TAMMY
	PEGADAT, MARIA L
	REAGAN, H
	SAPEZHMIKOVA, FAINA
	SWANSON, BRIAN J
	YUEH, CHEN C
340	BOLANOS, JULIETA T
	CLARA, RODOLFO C

Target Street	Cross Street	Source
-	✓	EDR Digital Archive

LAKE MERCED BLVD 2000 (Cont'd)

340	DELMUNDO, FE A
	DEQUITO, LIGSAY M
	ESTACIO, I M
	LONNIE, E M
	MUNDO, FE A
	QUARIO, JOSEPH L
	QUIJANO, S
360	CADENA, MICHAEL
	CORDRAY, L
	GARCIA, BRAULIO
	GRAYSON, C
	LUCAS, ELVINE
	QUIARRTE, DELIA A
	ROSS, MABEL B
	STROUD, STEVEN K
	WHITE, DJUAN M
380	ALFONSO, AMAYA R
	BILLO, DANIEL J
	CAMACHO, DEBRA L
	CHENG, JEN C
	CORDON, PEDRO A
	DEGUZMAN, GEMMA C
	DINISIO, MARK
	DUNN, BRIAN C
	ELCA, LUCITA N
	HERNANDEZ, HILDA
	HUI, JOYCE
	JAVIER, MANOLO S
	JO, MYUNG R
	JOSE, SANTOS D
	KRAMIAN, MARTIN
	LINDBERG, ALBERT
	MACAPAGAL, F L
	MATIAS, ZENAIDA L
	MCCUE, GEORGIA
	SANTOS, DIOGO
	SILONE, PAIVA
	STEERS, JESS
	VARAS, E C
	ZAPANTA, E
393	GRANNY ENGS BAKERS
655	BANENELLI, GILBERT B
	BHATNAGAR, PRAKHAR
	CARAZO, M
	CASTILLO, ROGER A
	CHISOM, ROBIN E
	COOPER, LORRI
	COX, C
	FAHAM, MALEK
	FARIAS, RENATO

LAKE MERCED BLVD 2000 (Cont'd)

655 GALVIN, JOSEPH R
LYM, JEE M
MCKNIGHT, GARY L
MILENEWICZ, JESSICA L
NEUFELD, A
NIEBAUER, JOEL C
PENN, JOHN E
PEREZ, ANGEL
SMITH, NATE
STRODE, JAMES C
VAZ, ROBERTO
YATCO, RENATO

Target Street	Cross Street	Source
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SOOTHGATE AVE 2000

75 LEVY ROBERT W CPA

Target Street	Cross Street	Source
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SOUTHGATE AVE 2000

5	WASHINGTON MUTUAL BANK BANK LOCATIONS
15	ARNOLDI INSURANCE BROKERS
	CITY & COUNTY AUTOMOBILE SALES & LEASING
	EMPIRE USA MORTGAGE COMPANY
	H C WELLS INSURANCE SERVICES
	STATEWIDE REALTY
	SURETY LIFE
	TV RADIO BROADCAST & APPLIANCE TECHNICIANS LOCAL 202 I B
19	BLOCK H & R
	BLOCK H & R LOCAL OFFICES
21	MARTIN CHIROPRACTIC CENTER
25	TOKYO TERIYAKI RESTAURANT
75	CAYABYAB RODGER & YOLANDA INS AGENCY
	CRUZ HENRY CAYABYAB RODGER & YOLANDA FARMERS INS
	KAY IAN T CPA
	MARQUEZ & EDROSOLAN
	PLEIADES INCORPORATED
	SANFILIPPO L TAX PREPRTN
85	PHO HOA HIEP
95	BAY VIEW FEDERAL BANK BRANCH OFFICES
99	BURLINGTON COAT FACTORY WAREHOUSE DEPARTMENT STORE
135	VELASCO, RALPH M
151	ARCO SERVICE
	WESTLAKE ARCO WESTLAKE ARCO SERVICE
169	WESTLAKE LAUNDRY
175	WESTLAKE FOODS
177	OCCUPANT UNKNOWN,
	PARKS TAE KWON DO
181	K Y NAILS
	OCCUPANT UNKNOWN,
183	SOUTHGATE THRIFTY CLEANERS
	WESTLAKE SHPG CENTER SOUTHGATE THRFTY CLEANERS
187	PAGLINAWAN AUGUSTO DDS
	TUCKER ELEANOR DDS
	YAMAT LIBRADA DDS
189	MANNYS HAIRCUTTERS
198	LI, SCOTT
	SLAUGHTER, GREGORY C
201	BANGKOK GARDEN THAI CUISINE
209	KING WAH RESTAURANT
219	BIRTH CONTROL SERVICES PLANNED PARENTHOOD ASSOCIATION OF
	PLANNED PARENTHOOD HEALTH CENTERS
220	HORTON, SEAN
230	ALSALAMIN, TALIB
235	SOUTHGATE COFFEE SHOP
250	GARCIA, ROGER
251	CHINESE GOLDEN BOOK & GIFT SHOP
275	DALY CITY CITY OF LIBRARIES (CONTD)
355	BALTAZAR, GUY
	BARLEY, SADIE

Target Street	Cross Street	Source
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SOUTHGATE AVE 2000 (Cont'd)

355	BESSHO, SEIJI
	FIGUEROA, HAMID
	FLORES, CARMEN M
	GORBOUNOV, C
	HEDAYAT, ANILA
	JOHNSON, IVAN
	JOHNSON, WILLIAM S
	LUKE, AUDREY
	MULLIN, DINA S
	MURPHY, RACQUEL
	NAEEM, M
	OVERHOLSER, PETER K
	QUARLES, GLEN
	SCOBIE, DANIEL J
	SIKAND, RAVI
	TAHMASSBI, MASOUD
	TERGAZARIAN, NATALIA
	ZARO, HUSNI

Target Street	Cross Street	Source
-	✓	EDR Digital Archive

LAKE MERCED BLVD 1995

260	ALINEA, L
	CASTILLO, A
	CHANG, K
	GOMEZ, GLADYS B
	LUBBE, JOSEPH R
	SUGUITAN, G
	TERRY, MIIO B JR
280	ALI, FEROZ
	CASTANEDA, C
	DECASTRO, ROBERT
	ESQUIERES, ROWENA
	JOHNSON, WILLIAM G
	OMER, W
283	CONSUMER DENTAL OFFICE
	PENINSULA UNION DENTAL CTR
	WESTLAKE ORTHODONTIC PRACTICE
285	WESTLAKE SHOPPING CTR
287	PHILAM VIDEO
295	GRANNY ENGS BAKERS
311	ONE DOLLAR & NINETY EIGHT CTR
320	CARELL, JOHN E
	FERRETI, G E
	GOODMAN, V
	GUIAO, D L
	LOPEZ, MIRIAM
	ORDONEZ, MARINA
	SARMIENTO, JAMES N
	SUN, JONG
	TURNER, R
	YOU, SHAO
340	BORJA, CARLOS
	CLARA, RODOLFO C
	FULLER, V
	SOUTO, F
360	BENAVIDES, MANUEL
	CADENA, MICHAEL
	GE, DAVID Y
	KIM, DONG H
	NIETA, MICHAEL
	TAN, LIANG
370	OCCUPANT UNKNOWNN
380	BALBOA, ROSALIN
	CHAMBERLIN, WILLIAM H
	CORDON, PEDRO A
	MALONSON, ANTHONY
	MORALES, JORGE A
	STEERS, JESS
655	AYERS, ABBY
	BANENELLI, GILBERT B
	BANIHANI, M

Target Street	Cross Street	Source
-	✓	EDR Digital Archive

LAKE MERCED BLVD 1995 (Cont'd)

655	FOLEY, AL
	GALVIN, JOSEPH R
	GEE, NANCY
	PENN, JOHN E
	RILEY, WILLIAM M
	SANTIAGO, LAURI
	SHIN, REXFORD
	STOCK, DIANA
	STRODE, JAMES C

Target Street	Cross Street	Source
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SOUTHGATE AVE 1995

5	AMERICAN SAVINGS BANK FA
15	C Y LIN TRADING CO
	CITY COUNTY AUTOMOBILE SALES
	FAST AUTOMATED SYSTEMS
	H C WELLS & CO
	IBEW LOCAL 202 TV RADIO
	MARIAN H CONSER
	MARIAN HOLLAND
	MATTHIESEN, HANS O
	PLASTERERS UNION #66
	ROB KIRBY
	SINSHEIMER & CO
	STATEWIDE REALTY
	SURETY LIFE INSURANCE CO
19	H & R BLOCK INC
21	MARTIN CHIROPRACTIC CTR
25	TOKYO TERIYAKI RESTAURANT
33	COMPUTER BUSINESS COLLEGE
45	OPERATION BUTT STOP
	SAN MATEO COUNTY MENTAL HEALTH
75	ACE REALTY
	CAYABYAB & CAYABYAB
	CAYABYAB, RODGER
	COMPUTER CONTINUUM
	FARMERS INSURANCE GROUP
	L SANFILIPPO
	MARQUEZ & EDROSOLAN
	ORT WOMENS AMERICAN
	ROBERT W LEVY
85	ITT FINANCIAL CORP
95	SOUTHERN CALIFORNIA S & L ASSN
151	WESTLAKE ARCO
169	WESTLAKE LAUNDRY
171	CASA DE LANZA BEAUTY SALON
175	WESTLAKE FOODS
181	H & R BLOCK INC
183	SOUTHGATE THRIFTY CLEANERS
187	AMERICAN GENERAL FINANCIAL CTR
	PAGLINAWAN, AUGUSTO
189	MANNYS HAIRCUTTERS
	YOU LOOK MARVELOUS
198	SLAUGHTER, GREGORY C
199	US POST OFFICE
201	BANGKOK GARDEN THAI CUISINE
203	WESTLAKE MORTGAGE
207	MENJIVAR, JUAN A
	VISION REALTY
209	KING WAH RESTAURANT
219	PLANNED PARENTHOOD
220	SIMI, LINDA K

Target Street	Cross Street	Source
✓	-	EDR Digital Archive

SOUTHGATE AVE 1995 (Cont'd)

235 SOUTHGATE COFFEE SHOP
250 GARCIA, ROGER
275 WESTLAKE LIBRARY
355 AMAYA, RAUL
AMAYER, RAUL
BARABE, DAVID
BEKEL, W
BOMANJEE, RUSI
COLOCHO, ROSARIO
DO, KYUNG H
FLACKS, R
JANIS, RICHARD
KLEE, JIM
LEBANTINO, RAQUEL
LYLE, LLOYD
QUARLES, GLEN JR
RAMDAS, RAMEYSH
TAHMASSBI, MASOUD

Target Street	Cross Street	Source
-	✓	EDR Digital Archive

LAKE MERCED BLVD 1992

260	DUMAS, RAY L
	HUSARY, NAHED
	KATAKIS, FOTIS
	MORALES, M F
280	TAYLOR, ALICIA B
	WU, MICHAEL
283	DENTISTRY FOR ADLTS
	DUPREY LEO E DMD
	PENINSULA UN DENTAL
285	WESTLAKE DEVLP CO
287	PHILAM VIDEO
295	GRANNY ENGS BAKERS
311	DOLLAR NINETY EIGHT
	ONE DOLLAR 98 CENTS
360	BALDWIN, DON
	KERN, WILLIAM
	LE, JIAN
655	MANUS, LEO
	MOORE, D
	PALAD, ADOR
	PINTO, SILVIO R
	SERRELS, L M

Target Street	Cross Street	Source
✓	-	EDR Digital Archive

SOUTHGATE AVE 1992

5	AMER SVNGS BK INFO
15	BAKER KATHRYN
	BAKER, ROBERT P
	C Y LIN TRADING CO
	FAST AUTOMATED SYST
	HECKSCHER KURT H
	HOLLAND MARIAN ATTY
	I B E W LOCAL 202
	PLASTERERS UNION 66
	R&K INS SERVS
	SCOUT FNCL PLNG
	SINSHEIMER&CO
	STATE FARM INS AGNT
	SURETY LIFE
	T V RDO BRDCST 202
19	MINUTEMAN PRESS
21	MARTIN CHIRO CNTR
	MARTIN, GENE
25	TOKYO TERIYAKI REST
45	NORTH CO MNTL HLTH
53	GREAT WSTRN BANK
65	EAGLE MARTIAL ARTS
	KOREAN MARTIAL ARTS
75	CAYABYAB RODGER
	COMPUTER CONTINUUM
	KAY, IAN T
	LEVY ROBT W CPA
	LEVY, ROBERT W
	MARQUEZ&EDROSOLAN
	O R T WOMENS AMER
	ROYAL PAC MRTG&RE
	SANFILIPPO L
	SANFILIPPO, L
	UNITD LAND MORTGAGE
	WOMENS AMER ORT
85	I T T AETNA FINANCE
95	SOUTHRN CA SVNGS
99	F&F BASEBALL CARDS
	SWANSONS WSTLK BOWL
	WEST LAKE PRO SHOP
151	MONTE FRANK
	WESTLAKE ARCO SERV
169	WESTLAKE LAUNDRY
171	CASA DE LANZA BTY
175	WESTLAKE FOODS
177	WESTLAKE PET SHOP
181	BLOCK H&R
183	SOUTHGATE CLEANERS
187	AMER GEN FNCL CTR
189	MANNYS HAIRCUTTERS

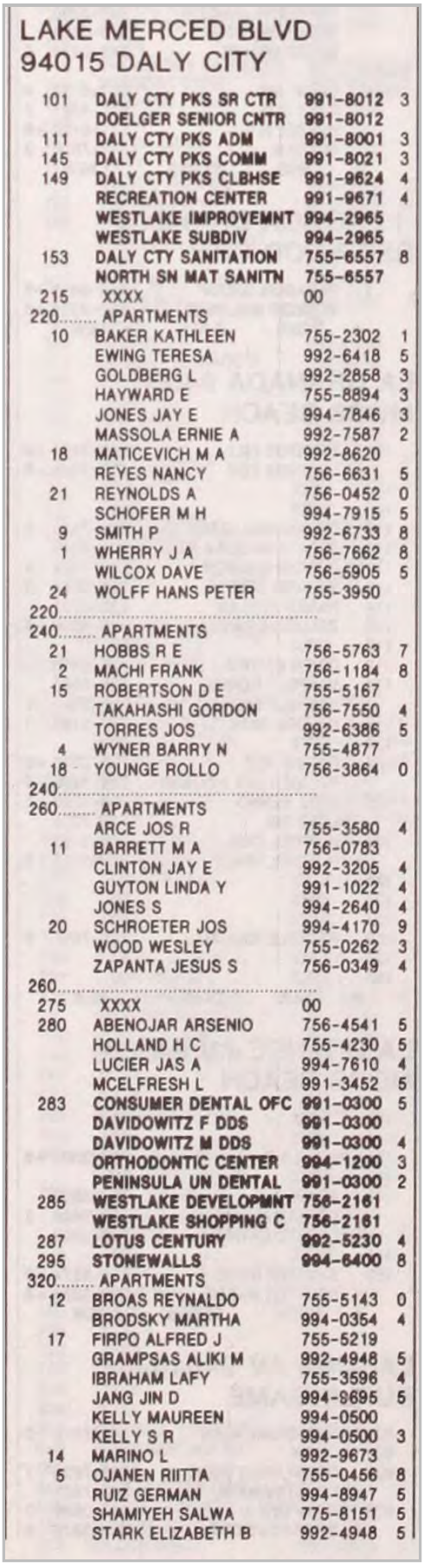
Target Street	Cross Street	Source
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SOUTHGATE AVE 1992 (Cont'd)

189 TRAPSI MANUEL MSS
TRAPSI, MANUEL
199 US PSTL SV STA
201 BANGKOK GRDN THAI
203 GOLDEN ST MUTL INS
207 CENTURY 21 VISION
209 KING WAH RESTAURANT
219 ABORTION SERVICES
BIRTH CONTROL SVC
220 SIMI, LINDA K
235 SOUTHGATE COFFEE SH
275 DALY CTY LBRY
355 FLACKS, ROSE
RIOS, S
SALUTREGUI, ANGEL
TAHMASBI, MASOUD

Target Street	Cross Street	Source
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LAKE MERCED BLVD 1986



LAKE MERCED BLVD
94015 DALY CITY

101	DALY CTY PKS SR CTR	991-8012	3
	DOELGER SENIOR CNTR	991-8012	
111	DALY CTY PKS ADM	991-8001	3
145	DALY CTY PKS COMM	991-8021	3
149	DALY CTY PKS CLBHSE	991-9624	4
	RECREATION CENTER	991-9671	4
	WESTLAKE IMPROVEMNT	994-2965	
	WESTLAKE SUBDIV	994-2965	
153	DALY CTY SANITATION	755-6557	8
	NORTH SN MAT SANITN	755-6557	
215	XXXX	00	
220	APARTMENTS		
10	BAKER KATHLEEN	755-2302	1
	EWING TERESA	992-6418	5
	GOLDBERG L	992-2858	3
	HAYWARD E	755-8894	3
	JONES JAY E	994-7846	3
	MASSOLA ERNIE A	992-7587	2
18	MATICEVICH M A	992-8620	
	REYES NANCY	756-6631	5
21	REYNOLDS A	756-0452	0
	SCHOFER M H	994-7915	5
9	SMITH P	992-6733	8
1	WHERRY J A	756-7662	8
	WILCOX DAVE	756-5905	5
24	WOLFF HANS PETER	755-3950	
220			
240	APARTMENTS		
21	HOBBS R E	756-5763	7
2	MACHI FRANK	756-1184	8
15	ROBERTSON D E	755-5167	
	TAKAHASHI GORDON	756-7550	4
	TORRES JOS	992-6386	5
4	WYNER BARRY N	755-4877	
18	YOUNGE ROLLO	756-3864	0
240			
260	APARTMENTS		
	ARCE JOS R	755-3580	4
11	BARRETT M A	756-0783	
	CLINTON JAY E	992-3205	4
	GUYTON LINDA Y	991-1022	4
	JONES S	994-2640	4
20	SCHROETER JOS	994-4170	9
	WOOD WESLEY	755-0262	3
	ZAPANTA JESUS S	756-0349	4
260			
275	XXXX	00	
280	ABENOJAR ARSENIO	756-4541	5
	HOLLAND H C	755-4230	5
	LUCIER JAS A	994-7610	4
	MCELFRESH L	991-3452	5
283	CONSUMER DENTAL OFC	991-0300	5
	DAVIDOWITZ F DDS	991-0300	
	DAVIDOWITZ M DDS	991-0300	4
	ORTHODONTIC CENTER	994-1200	3
	PENINSULA UN DENTAL	991-0300	2
285	WESTLAKE DEVELOPMNT	756-2161	
	WESTLAKE SHOPPING C	756-2161	
287	LOTUS CENTURY	992-5230	4
295	STONEWALLS	994-6400	8
320	APARTMENTS		
12	BROAS REYNALDO	755-5143	0
	BRODSKY MARTHA	994-0354	4
17	FIRPO ALFRED J	755-5219	
	GRAMPSAS ALIKI M	992-4948	5
	IBRAHAM LAFY	755-3596	4
	JANG JIN D	994-9695	5
	KELLY MAUREEN	994-0500	
	KELLY S R	994-0500	3
14	MARINO L	992-9673	
5	OJANEN RIITTA	755-0456	8
	RUIZ GERMAN	994-8947	5
	SHAMIYEH SALWA	775-8151	5
	STARK ELIZABETH B	992-4948	5

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LAKE MERCED BLVD 1986



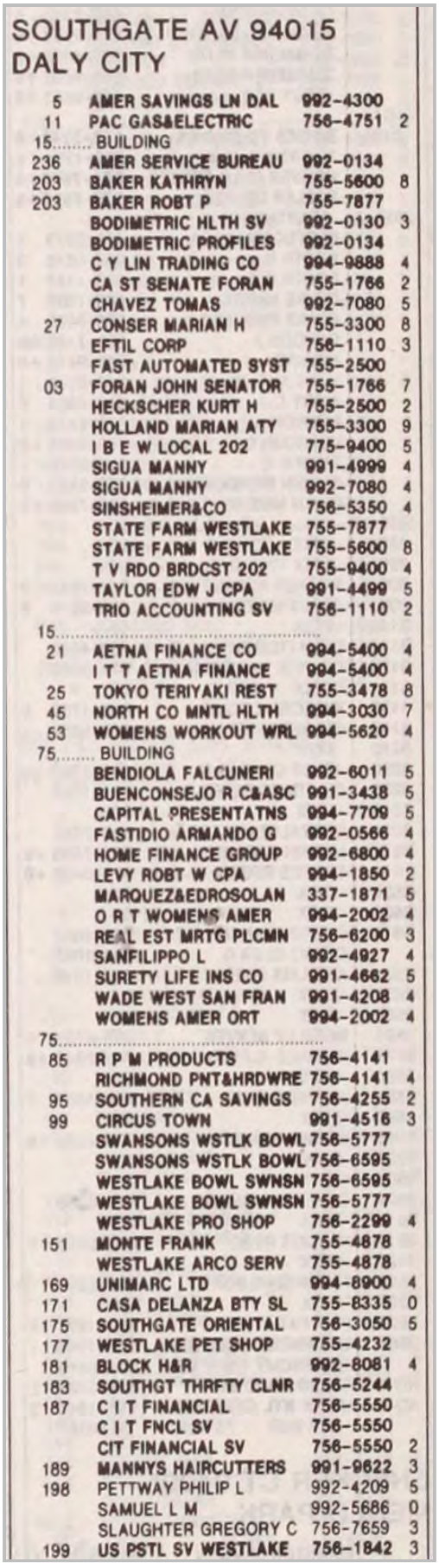
..LAKE MERCED BLVD 94015 CONT..

21	WONG PETER Y	994-2437	1
320.....			
340.....	APARTMENTS		
21	ADAMS ALBURNIA	755-9187	9
11	BATES G	756-4522	1
	CALIXTO ROBERTO	755-3208	5
	CLARA RODOLFO C	991-3181	4
	CORRALES J A	992-6806	5
10	DAVIS M F	992-1650	
	MCARDLE LEO P	992-5645	5
	PROANO MANUEL	992-7416	5
	ROBERTS C	991-3178	4
16	TSIAGAS CRISTOS	756-6871	7
340.....			
360.....	APARTMENTS		
	ALFARO MAX	994-7527	5
	FELIPE ELIZABETH F	992-2018	5
15	KERN WM	756-7460	
	LAXA ELEANOR	991-1085	5
	MILAN SILVIA L	755-8592	3
	WILLIAMS C R	994-1239	4
360.....			
380.....	APARTMENTS		
	CALLADO C	991-1859	4
5	CHAMBERLIN WM H MRS	756-0528	
	CHANCO	991-7153	5
7	CHISM BIRTHA	992-1095	8
	HARRIS FRANKLIN	756-4972	2
	HOHL JOHN	755-5045	
19	IWATA ISAO	756-7798	7
	ROBERTS W A	755-3561	4
18	RUSTIA FRANCISCO O	755-3773	8
	SILVER HENRI	994-2744	5
	WALSH GLORIA	994-3155	5
	WINEBERG JONATHAN	992-2037	5
380.....			
655.....	APARTMENTS		
	ALMASRI FAYYAD W	992-3369	5
25	BANENELLI GILBERT B	994-8957	9
	GALVIN JOS R	992-6226	
54	HO CHAS L	992-7876	
	HORTON MARIE	755-6508	3
	JACOBS ZAHWAH	994-2834	4
	LATHAM STELLA	992-5113	
	LATHAM THOYD O	992-5113	
04	MANUS LEO	992-4946	
	NANCE SUZANNE	756-6124	5
	NOWAK DANUTA	992-2937	5
62	PENN JOHN E	756-6622	
66	RILEY WM M	992-7331	8
07	SERRELS L M	992-3121	
	SIMPSON WALLACE	994-4167	2
55	SPATARO JOE	992-3681	1
53	STASSEN A S	755-1849	
	STEWART AGNES R	992-9162	
110	STRODE JAMES C	994-7794	9
	TRAN TU	994-6966	3
	VU HIEN CONG	994-8667	2
	WYRWICZ ZBIGNIEW	992-2937	5
	XIQUES ANGEL N	994-1281	3
655.....			
NO #	CA ST DIAGNOSTIC SC	469-6217	2
NO #	DIAGNOSTIC SCHOOL	469-6217	2

★ 22 BUS 99 RES 0 NEW

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SOUTHGATE AVE 1986

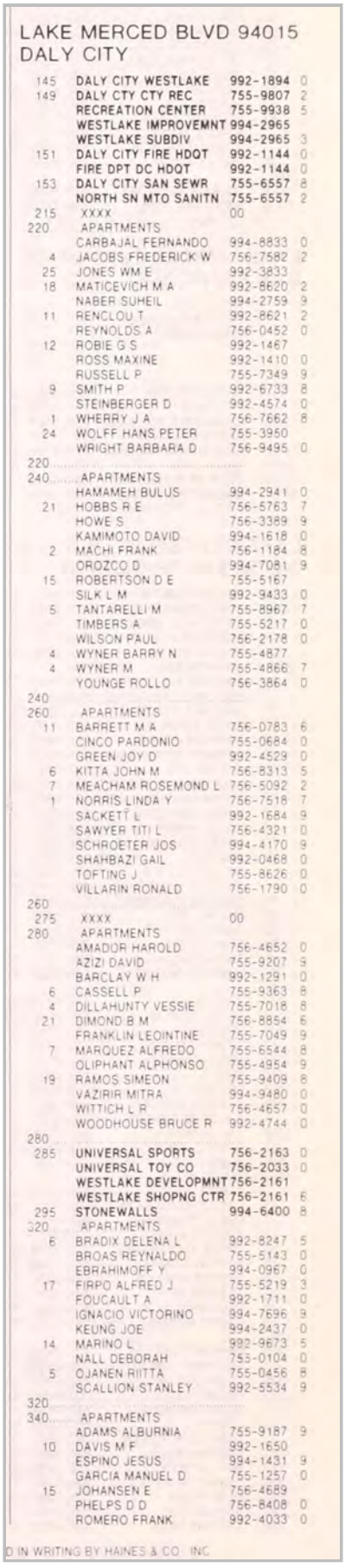


SOUTHGATE AV 94015
DALY CITY

5	AMER SAVINGS LN DAL	992-4300	
11	PAC GAS&ELECTRIC	756-4751	2
15	BUILDING		
236	AMER SERVICE BUREAU	992-0134	
203	BAKER KATHRYN	755-5600	8
203	BAKER ROBT P	755-7877	
	BODIMETRIC HLTH SV	992-0130	3
	BODIMETRIC PROFILES	992-0134	
	C Y LIN TRADING CO	994-9888	4
	CA ST SENATE FORAN	755-1766	2
	CHAVEZ TOMAS	992-7080	5
27	CONSER MARIAN H	755-3300	8
	EFTIL CORP	756-1110	3
	FAST AUTOMATED SYST	755-2500	
03	FORAN JOHN SENATOR	755-1766	7
	HECKSCHER KURT H	755-2500	2
	HOLLAND MARIAN ATY	755-3300	9
	I B E W LOCAL 202	775-9400	5
	SIGUA MANNY	991-4999	4
	SIGUA MANNY	992-7080	4
	SINSHEIMER&CO	756-5350	4
	STATE FARM WESTLAKE	755-7877	
	STATE FARM WESTLAKE	755-5600	8
	T V RDO BRDCST 202	755-9400	4
	TAYLOR EDW J CPA	991-4499	5
	TRIO ACCOUNTING SV	756-1110	2
15			
21	AETNA FINANCE CO	994-5400	4
	I T T AETNA FINANCE	994-5400	4
25	TOKYO TERIYAKI REST	755-3478	8
45	NORTH CO MNTL HLTH	994-3030	7
53	WOMENS WORKOUT WRL	994-5620	4
75	BUILDING		
	BENDIOLA FALCUNERI	992-6011	5
	BUENCONSEJO R C&ASC	991-3438	5
	CAPITAL PRESENTATNS	994-7709	5
	FASTIDIO ARMANDO G	992-0566	4
	HOME FINANCE GROUP	992-6800	4
	LEVY ROBT W CPA	994-1850	2
	MARQUEZ&EDROSOLAN	337-1871	5
	O R T WOMENS AMER	994-2002	4
	REAL EST MRTG PLCMN	756-6200	3
	SANFILIPPO L	992-4927	4
	SURETY LIFE INS CO	991-4662	5
	WADE WEST SAN FRAN	991-4208	4
	WOMENS AMER ORT	994-2002	4
75			
85	R P M PRODUCTS	756-4141	
	RICHMOND PNT&HRDWRE	756-4141	4
95	SOUTHERN CA SAVINGS	756-4255	2
99	CIRCUS TOWN	991-4516	3
	SWANSONS WSTLK BOWL	756-5777	
	SWANSONS WSTLK BOWL	756-6595	
	WESTLAKE BOWL SWNSN	756-6595	
	WESTLAKE BOWL SWNSN	756-5777	
	WESTLAKE PRO SHOP	756-2299	4
151	MONTE FRANK	755-4878	
	WESTLAKE ARCO SERV	755-4878	
169	UNIMARC LTD	994-8900	4
171	CASA DELANZA BTY SL	755-8335	0
175	SOUTHGATE ORIENTAL	756-3050	5
177	WESTLAKE PET SHOP	755-4232	
181	BLOCK H&R	992-8081	4
183	SOUTHGT THRFTY CLNR	756-5244	
187	C I T FINANCIAL	756-5550	
	C I T FNCL SV	756-5550	
	CIT FINANCIAL SV	756-5550	2
189	MANNYS HAIRCUTTERS	991-9622	3
198	PETTWAY PHILIP L	992-4209	5
	SAMUEL L M	992-5686	0
	SLAUGHTER GREGORY C	756-7659	3
199	US PSTL SV WESTLAKE	756-1842	3

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-	✓	HAINES AND COMPANY

LAKE MERCED BLVD 1981



LAKE MERCED BLVD 94015
DALY CITY

145	DALY CITY WESTLAKE	992-1894	0
149	DALY CTY CTY REC	755-9807	2
	RECREATION CENTER	755-9938	5
	WESTLAKE IMPROVEMNT	994-2965	
	WESTLAKE SUBDIV	994-2965	3
151	DALY CITY FIRE HDQT	992-1144	0
	FIRE DPT DC HDQT	992-1144	0
153	DALY CITY SAN SEWR	755-6557	8
	NORTH SN MTO SANITN	755-6557	2
215	XXXX	00	
220	APARTMENTS		
	CARBAJAL FERNANDO	994-8833	0
4	JACOBS FREDERICK W	756-7582	2
25	JONES WM E	992-3833	
18	MATICEVICH M A	992-8620	2
	NABER SUHEIL	994-2759	9
11	RENCLOU T	992-8621	2
	REYNOLDS A	756-0452	0
12	ROBIE G S	992-1467	
	ROSS MAXINE	992-1410	0
	RUSSELL P	755-7349	9
9	SMITH P	992-6733	8
	STEINBERGER D	992-4574	0
1	WHERRY J A	756-7662	8
24	WOLFF HANS PETER	755-3950	
	WRIGHT BARBARA D	756-9495	0
220			
240	APARTMENTS		
	HAMAMEH BULUS	994-2941	0
21	HOBBS R E	756-5763	7
	HOWE S	756-3389	9
	KAMIMOTO DAVID	994-1618	0
2	MACHI FRANK	756-1184	8
	OROZCO D	994-7081	9
15	ROBERTSON D E	755-5167	
	SILK L M	992-9433	0
5	TANTARELLI M	755-8967	7
	TIMBERS A	755-5217	0
	WILSON PAUL	756-2178	0
4	WYNER BARRY N	755-4877	
4	WYNER M	755-4866	7
	YOUNGE ROLLO	756-3864	0
240			
260	APARTMENTS		
11	BARRETT M A	756-0783	6
	CINCO PARDONIO	755-0684	0
	GREEN JOY D	992-4529	0
6	KITTA JOHN M	756-8313	5
7	MEACHAM ROSEMOND L	756-5092	2
1	NORRIS LINDA Y	756-7518	7
	SACKETT L	992-1684	9
	SAWYER TITI L	756-4321	0
	SCHROETER JOS	994-4170	9
	SHAHBAZI GAIL	992-0468	0
	TOFTING J	755-8626	0
	VILLARIN RONALD	756-1790	0
260			
275	XXXX	00	
280	APARTMENTS		
	AMADOR HAROLD	756-4652	0
	AZIZI DAVID	755-9207	9
	BARCLAY W H	992-1291	0
6	CASSELL P	755-9363	8
4	DILLAHUNTY VESSIE	755-7018	8
21	DIMOND B M	756-8854	6
	FRANKLIN LEOINTINE	755-7049	9
7	MARQUEZ ALFREDO	755-6544	8
	OLIPHANT ALPHONSO	755-4954	9
19	RAMOS SIMEON	755-9409	8
	VAZIRIR MITRA	994-9480	0
	WITTICH L R	756-4657	0
	WOODHOUSE BRUCE R	992-4744	0
280			
285	UNIVERSAL SPORTS	756-2163	0
	UNIVERSAL TOY CO	756-2033	0
	WESTLAKE DEVELOPMNT	756-2161	
	WESTLAKE SHOPNG CTR	756-2161	6
295	STONEWALLS	994-6400	8
320	APARTMENTS		
6	BRADIX DELENA L	992-8247	5
	BROAS REYNALDO	755-5143	0
	EBRAHIMOFF Y	994-0967	0
17	FIRPO ALFRED J	755-5219	3
	FOUCAULT A	992-1711	0
	IGNACIO VICTORINO	994-7696	9
	KEUNG JOE	994-2437	0
14	MARINO L	992-9673	5
	NALL DEBORAH	755-0104	0
5	OJANEN RIITTA	755-0456	8
	SCALLION STANLEY	992-5534	9
320			
340	APARTMENTS		
	ADAMS ALBURNIA	755-9187	9
10	DAVIS M F	992-1650	
	ESPINO JESUS	994-1431	9
	GARCIA MANUEL D	755-1257	0
15	JOHANSEN E	756-4689	
	PHELPS D D	756-8408	0
	ROMERO FRANK	992-4033	0

D IN WRITING BY HAINES & CO., INC.

Target Street	Cross Street	Source
-	✓	HAINES AND COMPANY

LAKE MERCED BLVD 1981

LAKE MERCED BLVD		94015 CONT.	
	STRIBLING ELLWYN	992-0387	0
16	TSIAGAS CRISTOS	756-6871	7
340			
360	APARTMENTS		
	ATKINS BEULAH	755-0359	0
16	BURKE VEDA K	992-5043	
	CONNOR L A	755-0245	9
	COSENTINO Z	994-4658	9
2	GLOVER LARRY	994-7551	6
15	KERN WM	756-7460	
16	LYONS C J	992-5043	
8	MALERSTEIN LEO	756-2710	5
	STALCUP MILAGROS	756-1837	0
	TAN SWEE S	755-2609	0
	ZERVOS SOTIRES	755-6770	9
360			
379	**FOTIQUE**	**755-3216**	8
380	APARTMENTS		
5	CHAMBERLIN WM H MRS	756-0528	
7	CHISM BIRTHA	992-1095	8
	HEIDELBERG DONNA	992-6592	0
	HILL KATHERINE J	756-8692	9
20	HOHL JOHN	755-5045	
19	IWATA ISAO	756-7798	7
16	MILLAR A H	992-2625	3
3	RENO MICHAEL	755-3049	6
18	RUSTIA FRANCISCO O	755-3773	8
	ZARCO LAURA	992-5714	9
380			
655	APARTMENTS		
	BANENELLI GILBERT	994-8957	9
	COYLE JOHN	994-4375	0
	DEROSANS P	756-4508	0
00	GALVIN JOS R	992-6226	
29	GRIFFIN L A	994-7141	8
54	HO CHAS L	992-7876	4
60	LATHAM STELLA	992-5113	
60	LATHAM THOYD O	992-5113	
04	MANUS LEO	992-4946	5
	MESSERKHANI Y	992-2416	0
62	PENN JOHN E	756-6622	
66	RILEY WM M	992-7331	8
02	ROBERTSON TOM	994-1642	7
	SALTZGAVER ROBT F	756-1933	0
07	SERRELS L M	992-3121	
55	SPENCER WYNER JR	992-6208	6
53	STASSEN A S	755-1849	6
61	STEWART AGNES R	992-9162	2
	STRODE JAMES C	994-7794	9
	STRONGE BRENDA	992-1458	0
26	UNISA ERLINDA	994-2564	7
655			
NO #	**JOES OF WESTLAKE**	**755-7400**	
NO #	**WESTLAKE JOES**	**755-7400**	
★	17 BUS 118 RES	0 NEW	

Target Street	Cross Street	Source
✓	-	HAINES AND COMPANY

SOUTHGATE AVE 1981

SOUTHGATE AV 94015
DALY CITY

5	AMER SAVINGS&LOAN	992-4300	
11	PACIFIC GS&ELC DALY	756-4751	9
15	BUILDING		
15	AMER SERVICE BUREAU	992-0134	6
18	ANTHONY SCHOOLS	756-8292	8
14	BAKER KATHRYN	755-5600	8
14	BAKER ROBT P	755-7877	
18	BODIMETRIC PROFILES	992-0134	3
52	BOERIO CHAS N	992-1450	3
	CALIF ST SENATE	755-1766	
27	CONSER MARIAN H	755-3300	8
36	ECONOMCS LAB INC	994-3131	4
	FARMERS INS DLY WLK	992-2481	0
01	FARMERS INS GROUP	755-1488	6
	FAST AUTOMATED SYST	755-2500	4
03	FORAN JOHN SENATOR	755-1766	7
	GURALNICK STEVEN	992-9200	7
10	HECKSCHER KURT H	755-2500	4
	HOLLAND MARIAN ATY	755-3300	9
	JOHN M M ACCOUNTNCY	992-0690	7
46	KYRIAKIS VICTOR G	992-9200	7
46	KYRIAKIS&GURALNICK	992-9200	7
25	LAKE MERCED INS AGC	992-1124	5
46	LOUKEDIS S J ATTY	756-1010	8
66	MABEL JOHN M	992-0690	5
01	REILLY WILLIAM	755-1488	6
	SANTAANA RAQUEL	992-2481	0
46	SHAFRAN L F	755-3311	8
	STATE FARM INS AGNT	755-5600	8
14	STATE FARM WESTLAKE	755-7877	
01	TOY LESTER	755-1488	6
	TV RADIO BROADCAST	755-9400	0
15			
21	BEHREND JEWELERS	992-6900	
	REAL ESTATE ASSIST	994-9650	0
	RED CARPET	994-9650	0
25	TOKYO TERIYAKI REST	755-3478	8
33	CROCKR NTL BK WSTLK	756-3800	4
45	CO SMTO HLTH&WELFRE	994-3030	0
	NORTH CNTY HLTH CT	994-3030	7
53	PAMS FIGURE PIQUE	994-5620	7
75	BUILDING		
	AMERICAN FED TCHRS	586-8468	9
	AMERICAN NTL VOLLYB	994-4848	0
	CABUAY EMMANUEL	994-4717	0
	DECA GROUP	994-3364	0
	INTERPROM INC	994-4690	9
	NAVARRO REALTY	994-0521	0
	NGUYEN TUAN GEN AGT	994-4717	0
	PACIFIC POTENTIALS	994-4690	0
	R P M INSURANCE	992-1580	0
	SCIENCE HUMAN VLU	994-6660	8
	SUPER REALTY	755-5960	0
	UNITD PROFSSR 1352	994-2909	9
	UNITED WST PAC INTL	994-1320	0
	WADE WEST SF	994-5566	0
75			
85	RADIO SHACK A TANDY	992-0874	3
95	CIVIC FDRL SVNGS&LN	756-4255	
99	SWANSONS WSTLK BOW	756-5777	
	SWANSONS WSTLK BOW	756-6595	
	WESTLAKE BOWL SWNS	756-6595	3
	WESTLAKE BOWL SWNS	756-5777	2
151	MONTE FRANK	755-4878	
	WESTLAKE ARCO SERV	755-4878	2
169	AVCO FINANCIAL SERV	756-2114	
171	CASA DELANZA BTY SL	755-8335	0
175	WESTLAKE PIZZA SHPP	756-0660	
177	WESTLAKE PET SHOP	755-4232	
183	SOUTHGT THRFTY CLNR	756-5244	
187	CIT FINANCIAL SV	756-5550	2
189	BARBERS WRKSP	756-9783	0
198	BOWMAN PATRICK	756-3339	0
	QUAID E M	992-3780	
	SAMUEL L M	992-5686	0
	SLAUGHTER GREGORY	992-3344	0
199	US POSTAL SERVICE	756-1842	

Target Street	Cross Street	Source
-	✓	HAINES AND COMPANY

LAKE MERCED BLVD 1976

LAKE MERCED BLVD 94015 DALY CITY

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101*ABRAHAM LINCOLN SCH992-1003 5
149*DALY CITY RECREATN 755-9807 2
   *RECREATION CENTER  755-9938 5
   *WESTLK IMPRVMNT ASN994-2965 3
   *WESTLK SUBDIV IMPRV994-2965 3
151  XXXX               00
153*DALY CITY SANITATN 755-6557
   *NORTH SN MTO SANITN755-6557 2
215  XXXX               00
220....APARTMENTS
 22  BARTOLOME TED      994-1078 4
 21  BROWN PATRICIA     756-1108
  2  CHRISTIAN L M      992-8870 3
 19  FRANKLIN ROBT F JR 756-8521 2
  9  GOLD S             992-7755 3
     HONGO KUNIHIRO     992-7096+6
 10  HOPKINS ELIZABETH  992-0261
     IDEHEN EMMANUEL    756-7240+6
  4  JACOBS FREDERICK W 756-7582 2
 25  JONES WM E         992-3833
 18  MATICEVICH M A     992-8620 2
 23  MCCOY S A          755-6085 4
 11  RENCLOU T          992-8621 2
 12  ROBIE G S          992-1467
 15  WAN STEVE C        994-2793 4
  1  WHERRY JOANA MRS   756-7662
 24  WOLFF HANS PETER   755-3950
     ZEBEL I            992-9472+6
220.....................
240....APARTMENTS
 24  CRANE ALBERT M     755-2675
 25  DIFLOE I H M       756-4834 2
 22  DOLINKA STEVEN D   994-1224
     GARRETT E          994-7749+6
     JERRO P            756-4632+6
     MATHENY KEN        992-5854+6
  9  MATSCHEK F W       756-3966
 15  ROBERTSON D E      755-5167
     STERLING E JEROME  756-6566+6
  4  WYNER BARRY N      755-4877
240.....................
260....APARTMENTS
     BARRETT M A        756-0783+6
 24  BROWN BARBARA      756-4276 3
  2  GAILEY DONALD      756-6339 4
     HAMOR EDW L        992-9725+6
  9  HIRSCHMILLER R W   755-9451 3
     HUYNH DUNG         992-0966+6
 22  JACOBS F G         755-0893
  6  KITTA JOHN M       756-8313 5
  7  MEACHAM ROSEMOND L 756-5092 2
     SALVADOR LUIS      992-0231+6
 16  SMITH M            992-7478
     TALANIA F          994-2719+6
     THOMPSON FRANCINE  755-4360+6
     VISINI Y T         755-7545+6
     WISE J             756-8128+6
260.....................
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Target Street	Cross Street	Source
-	✓	HAINES AND COMPANY

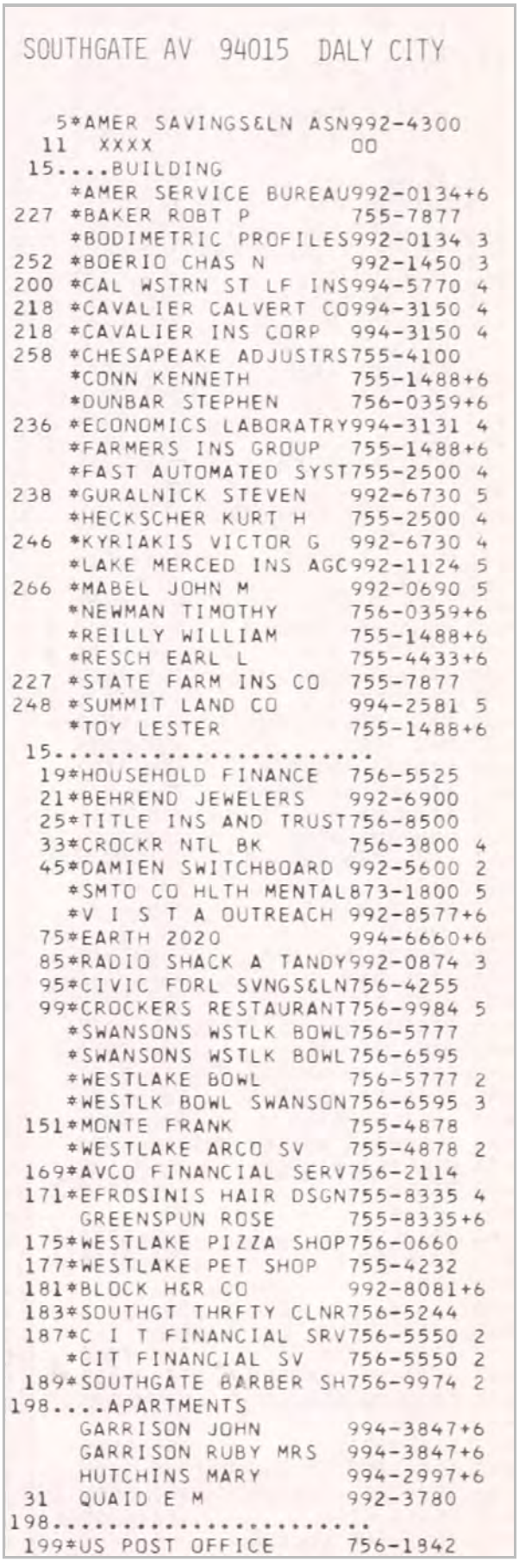
LAKE MERCED BLVD 1976



..LAKE MERCED BLVD 94015 CONT..
275 XXXX CO
280....APARTMENTS
BACON T 755-1867+6
BADGIS V 756-0958+6
DIMOND B M 756-8854+6
23 DITO THOS P 992-6944 5
1 GIOMI PAUL L 992-2928
HAWK HELEN Y 994-5698+6
MASON WM ANTHONY 756-7128+6
OLEGARIO FILEMON 756-9680+6
9 RENDON THEODORE 756-2051 5
4 SALONGA ROLANDO C 992-8694 5
VONESMARCH ROBT M 992-6680+6
24 YOSHINO SHUJI 755-8369 3
15 YUNGERT MARY MRS 992-9671 2
280.....
285*UNIVERSAL FURN CO 756-5010+6
*WESTLAKE DEVELOPMNT 756-2161+6
303*JUNIOR BOOT SHOP 992-1291
320....APARTMENTS
BALLEZA BENJAMIN B 756-1169+6
6 BRADIX DELENA L 992-8247 5
17 FIRPO ALFRED J 755-5219 3
GLADMAN KATHRYN 992-7607+6
22 GOLDSTEIN HARRY 994-0438 5
LAGMAN J V 756-5542+6
14 MARINO L 992-9673 5
7 MCNICHOL B J 992-1286
MOYNIHAN C 755-4486+6
5 OJANEN TIMO 992-6303 2
SAIDI NOAMAN 756-7819+6
SMITH BONITA 755-6048+6
12 ZAMAGNI J 755-0905 4
320.....
340....APARTMENTS
ADAMS ARNOLD 755-9187+6
11 CHRISTEN LOUISE 755-1835 3
4 COCHRAN PAUL MRS 756-2575
10 DAVIS M F 992-1650
DESAI BIPIN 756-4183+6
20 GHATTAS LOTFI 756-5983 4
18 HOUSTON L 992-5684 5
15 JOHANSEN E 756-4689
NEWTON DON 755-1634+6
340.....
360....APARTMENTS
16 BURKE VEDA K 992-5043
6 CALLAHAN EDW 756-3491 2
GLOVER LARRY 994-7551+6
7 HAGERUD JEAN 994-3940 5
JOWHARY A A 756-1582+6
15 KERN WM 756-7460
16 LYONS C J 992-5043
8 MALERSTEIN LEO 756-2710 5
21 PHIPPS EARL N 755-7245
WHEELER ANNE R 756-1248+6
14 WISE BETTY 992-5204
360.....
380....APARTMENTS
ARMSTRONG ED 994-6293+6
22 CALANDER JERRY 755-8402 3
5 CHAMBERLIN WM H MRS 756-0528
20 HOHL JOHN 755-5045
MCKENNA TERRY 992-4254+6
16 MILLAR A H 992-2625 3
NAKASHIMA STEVEN 755-9191+6
RENO MICHAEL 755-3049+6
15 SUTHERLAND DAVID 992-1150 5
1 VERBOONEN OLIVER 756-0614 5
VILLANEUVA I O 994-0996+6
21 WOLTER PAT C 756-2683 5
YEE J A 756-1569+6
380.....
655....APARTMENTS
ALDAPI JEANNETTE 756-2138+6
65 APPLEBAUM ROBT 994-1098 5
67 BRANDI RUTH F 755-7927
CHOY B 994-7185+6
100 GALVIN JOS R 992-6226
GOLDIE GEO 994-2780+6
54 HO CHAS L 992-7876 4
68 KRIZMAN LYNN L 992-8121
LANCASTER K 994-2864+6
60 LATHAM STELLA 992-5113
60 LATHAM THOYD O 992-5113
104 MANUS LEO 992-4946 5
25 MAST S M 992-7610 4
109 MCKEEVER P F 756-6643 5
59 MONDARES ROCKY 994-3988 5
OLIVA PEGGY 756-7913+6
62 PENN JOHN E 756-6622
107 SERRELS L M 992-3121
SPENCER WYNER JR 992-6208+6
SPUHLER DONALD 992-8312+6
STASSEN A S 755-1849+6
61 STEWART AGNES R 992-9162 2
WATSON JOHN 994-7581+6
655.....
NO #*BARTELS HAMBURGERS 994-1122 5
NO #*JOES OF WESTLAKE 755-7400
NO #*WESTLAKE JOES 755-7400
* 13 BUS 128 RES 51 NEW

Target Street	Cross Street	Source
✓	-	HAINES AND COMPANY

SOUTHGATE AVE 1976

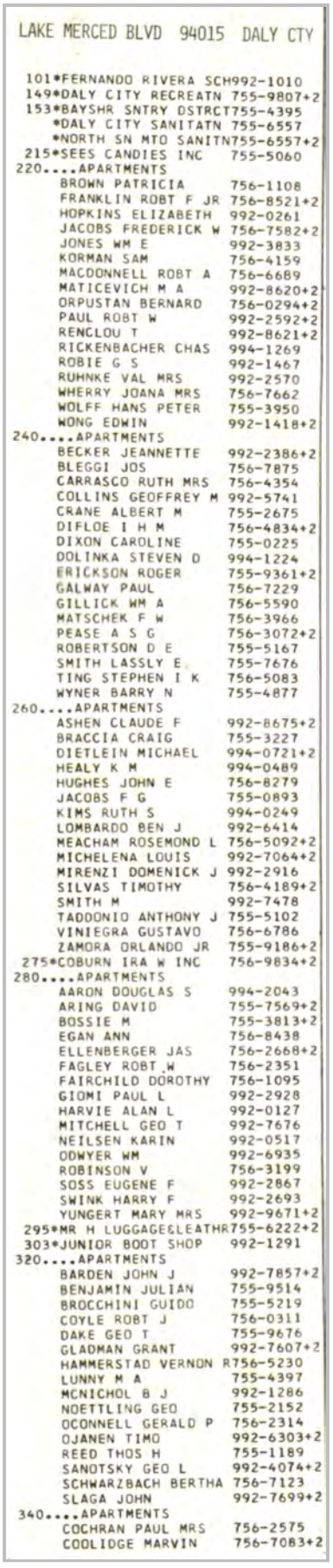


SOUTHGATE AV 94015 DALY CITY

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   5*AMER SAVINGS&LN ASN992-4300
  11  XXXX              OO
 15....BUILDING
    *AMER SERVICE BUREAU992-0134+6
227 *BAKER ROBT P       755-7877
    *BODIMETRIC PROFILES992-0134 3
252 *BOERIO CHAS N      992-1450 3
200 *CAL WSTRN ST LF INS994-5770 4
218 *CAVALIER CALVERT CO994-3150 4
218 *CAVALIER INS CORP  994-3150 4
258 *CHESAPEAKE ADJUSTRS755-4100
    *CONN KENNETH       755-1488+6
    *DUNBAR STEPHEN     756-0359+6
236 *ECONOMICS LABORATRY994-3131 4
    *FARMERS INS GROUP  755-1488+6
    *FAST AUTOMATED SYST755-2500 4
238 *GURALNICK STEVEN    992-6730 5
    *HECKSCHER KURT H   755-2500 4
246 *KYRIAKIS VICTOR G  992-6730 4
    *LAKE MERCED INS AGC992-1124 5
266 *MABEL JOHN M       992-0690 5
    *NEWMAN TIMOTHY     756-0359+6
    *REILLY WILLIAM     755-1488+6
    *RESCH EARL L       755-4433+6
227 *STATE FARM INS CO  755-7877
248 *SUMMIT LAND CO      994-2581 5
    *TOY LESTER         755-1488+6
 15.....................
  19*HOUSEHOLD FINANCE  756-5525
  21*BEHREND JEWELERS   992-6900
  25*TITLE INS AND TRUST756-8500
  33*CROCKR NTL BK      756-3800 4
  45*DAMIEN SWITCHBOARD 992-5600 2
    *SMTO CO HLTH MENTAL873-1800 5
    *V I S T A OUTREACH 992-8577+6
  75*EARTH 2020         994-6660+6
  85*RADIO SHACK A TANDY992-0874 3
  95*CIVIC FDRL SVNGS&LN756-4255
  99*CROCKERS RESTAURANT756-9984 5
    *SWANSONS WSTLK BOWL756-5777
    *SWANSONS WSTLK BOWL756-6595
    *WESTLAKE BOWL      756-5777 2
    *WESTLK BOWL SWANSON756-6595 3
 151*MONTE FRANK        755-4878
    *WESTLAKE ARCO SV   755-4878 2
 169*AVCO FINANCIAL SERV756-2114
 171*EFROSINIS HAIR DSGN755-8335 4
     GREENSPUN ROSE     755-8335+6
 175*WESTLAKE PIZZA SHOP756-0660
 177*WESTLAKE PET SHOP  755-4232
 181*BLOCK H&R CO       992-8081+6
 183*SOUTHGT THRFTY CLNR756-5244
 187*C I T FINANCIAL SRV756-5550 2
    *CIT FINANCIAL SV   756-5550 2
 189*SOUTHGATE BARBER SH756-9974 2
198....APARTMENTS
     GARRISON JOHN      994-3847+6
     GARRISON RUBY MRS  994-3847+6
     HUTCHINS MARY      994-2997+6
 31  QUAID E M          992-3780
198.....................
 199*US POST OFFICE     756-1942
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Target Street	Cross Street	Source
-	✓	HAINES AND COMPANY

LAKE MERCED BLVD 1972

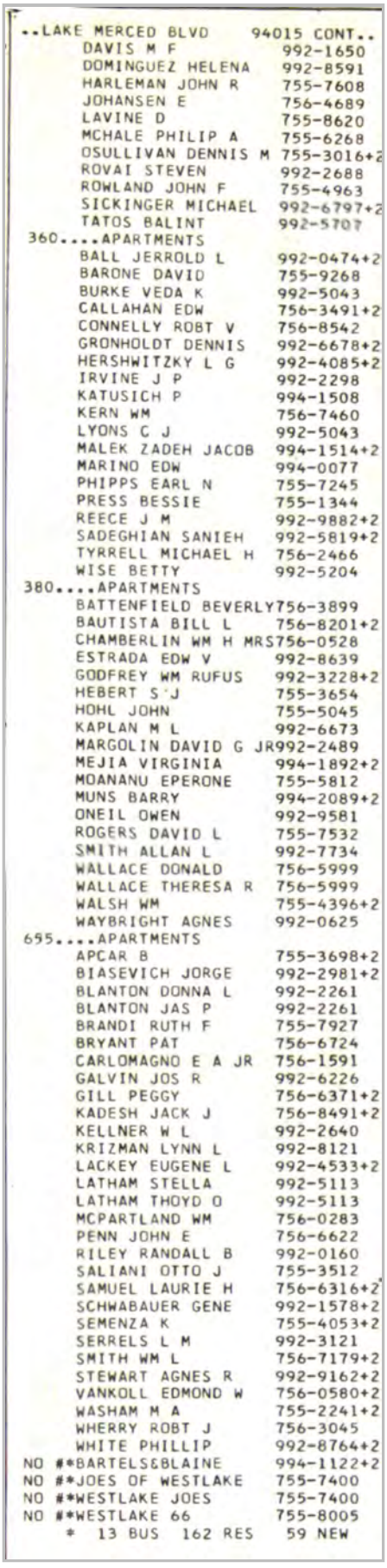


LAKE MERCED BLVD 94015 DALY CTY

101*FERNANDO RIVERA SCH992-1010
149*DALY CITY RECREATN 755-9807+2
153*BAYSHR SNTRY DSTRCT755-4395
*DALY CITY SANITATN 755-6557
*NORTH SN MTO SANITN755-6557+2
215*SEES CANDIES INC 755-5060
220....APARTMENTS
BROWN PATRICIA 756-1108
FRANKLIN ROBT F JR 756-8521+2
HOPKINS ELIZABETH 992-0261
JACOBS FREDERICK W 756-7582+2
JONES WM E 992-3833
KORMAN SAM 756-4159
MACDONNELL ROBT A 756-6689
MATICEVICH M A 992-8620+2
ORPUSTAN BERNARD 756-0294+2
PAUL ROBT W 992-2592+2
RENCLOU T 992-8621+2
RICKENBACHER CHAS 994-1269
ROBIE G S 992-1467
RUHNKE VAL MRS 992-2570
WHERRY JOANA MRS 756-7662
WOLFF HANS PETER 755-3950
WONG EDWIN 992-1418+2
240....APARTMENTS
BECKER JEANNETTE 992-2386+2
BLEGGI JOS 756-7875
CARRASCO RUTH MRS 756-4354
COLLINS GEOFFREY M 992-5741
CRANE ALBERT M 755-2675
DIFLOE I H M 756-4834+2
DIXON CAROLINE 755-0225
DOLINKA STEVEN D 994-1224
ERICKSON ROGER 755-9361+2
GALWAY PAUL 756-7229
GILLICK WM A 756-5590
MATSCHEK F W 756-3966
PEASE A S G 756-3072+2
ROBERTSON D E 755-5167
SMITH LASSLY E 755-7676
TING STEPHEN I K 756-5083
WYNER BARRY N 755-4877
260....APARTMENTS
ASHEN CLAUDE F 992-8675+2
BRACCIA CRAIG 755-3227
DIETLEIN MICHAEL 994-0721+2
HEALY K M 994-0489
HUGHES JOHN E 756-8279
JACOBS F G 755-0893
KIMS RUTH S 994-0249
LOMBARDO BEN J 992-6414
MEACHAM ROSEMOND L 756-5092+2
MICHELENA LOUIS 992-7064+2
MIRENZI DOMENICK J 992-2916
SILVAS TIMOTHY 756-4189+2
SMITH M 992-7478
TADDONIO ANTHONY J 755-5102
VINIEGRA GUSTAVO 756-6786
ZAMORA ORLANDO JR 755-9186+2
275*COBURN IRA W INC 756-9834+2
280....APARTMENTS
AARON DOUGLAS S 994-2043
ARING DAVID 755-7569+2
BOSSIE M 755-3813+2
EGAN ANN 756-8438
ELLENBERGER JAS 756-2668+2
FAGLEY ROBT W 756-2351
FAIRCHILD DOROTHY 756-1095
GIOMI PAUL L 992-2928
HARVIE ALAN L 992-0127
MITCHELL GEO T 992-7676
NEILSEN KARIN 992-0517
ODWYER WM 992-6935
ROBINSON V 756-3199
SOSS EUGENE F 992-2867
SWINK HARRY F 992-2693
YUNGERT MARY MRS 992-9671+2
295*MR H LUGGAGE&LEATHR755-6222+2
303*JUNIOR BOOT SHOP 992-1291
320....APARTMENTS
BARDEN JOHN J 992-7857+2
BENJAMIN JULIAN 755-9514
BROCCHINI GUIDO 755-5219
COYLE ROBT J 756-0311
DAKE GEO T 755-9676
GLADMAN GRANT 992-7607+2
HAMMERSTAD VERNON R756-5230
LUNNY M A 755-4397
MCNICHOL B J 992-1286
NOETTLING GEO 755-2152
OCONNELL GERALD P 756-2314
OJANEN TIMO 992-6303+2
REED THOS H 755-1189
SANOTSKY GEO L 992-4074+2
SCHWARZBACH BERTHA 756-7123
SLAGA JOHN 992-7699+2
340....APARTMENTS
COCHRAN PAUL MRS 756-2575
COOLIDGE MARVIN 756-7083+2

Target Street	Cross Street	Source
-	✓	HAINES AND COMPANY

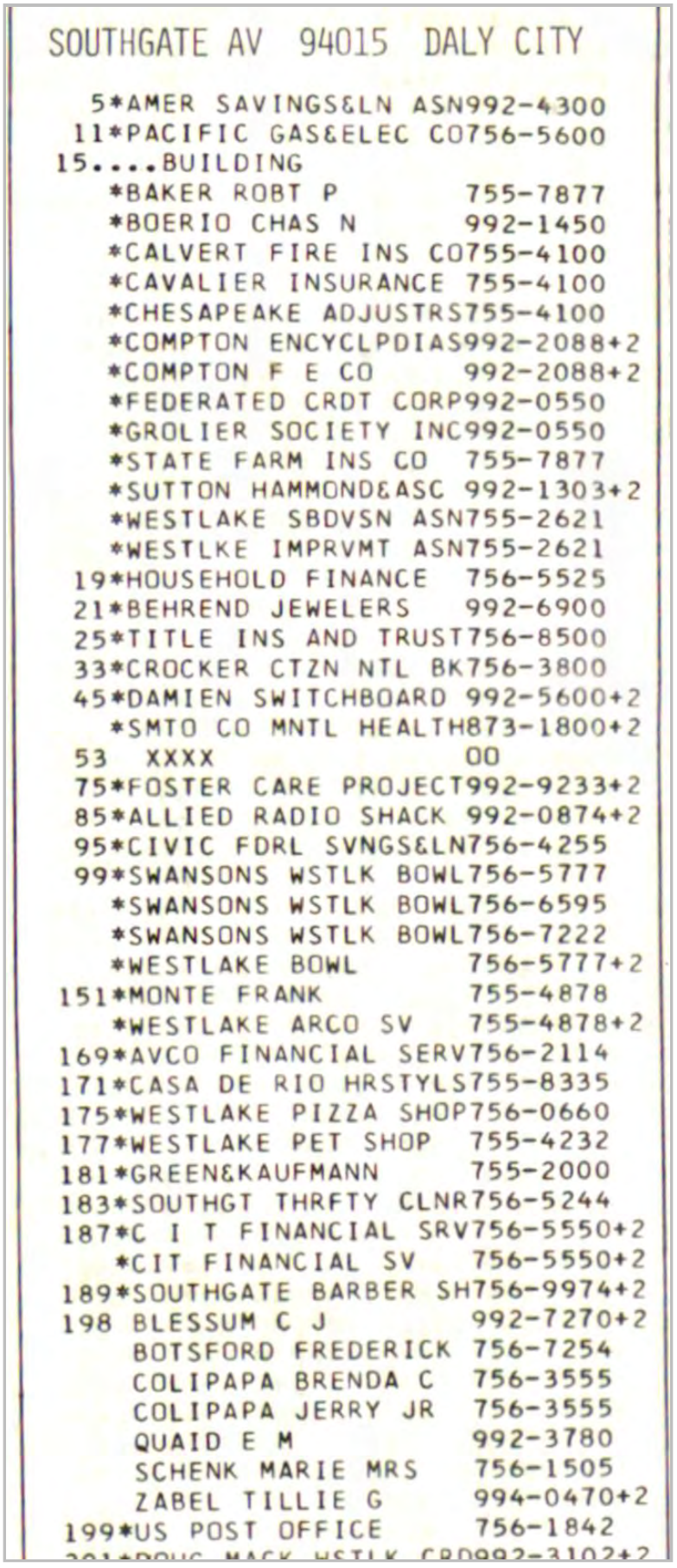
LAKE MERCED BLVD 1972



```
..LAKE MERCED BLVD     94015 CONT..
      DAVIS M F              992-1650
      DOMINGUEZ HELENA       992-8591
      HARLEMAN JOHN R        755-7608
      JOHANSEN E             756-4689
      LAVINE D               755-8620
      MCHALE PHILIP A        755-6268
      OSULLIVAN DENNIS M     755-3016+2
      ROVAI STEVEN           992-2688
      ROWLAND JOHN F         755-4963
      SICKINGER MICHAEL      992-6797+2
      TATOS BALINT           992-5707
360....APARTMENTS
      BALL JERROLD L         992-0474+2
      BARONE DAVID           755-9268
      BURKE VEDA K           992-5043
      CALLAHAN EDW           756-3491+2
      CONNELLY ROBT V        756-8542
      GRONHOLDT DENNIS       992-6678+2
      HERSHWITZKY L G        992-4085+2
      IRVINE J P             992-2298
      KATUSICH P             994-1508
      KERN WM                756-7460
      LYONS C J              992-5043
      MALEK ZADEH JACOB      994-1514+2
      MARINO EDW             994-0077
      PHIPPS EARL N          755-7245
      PRESS BESSIE           755-1344
      REECE J M              992-9882+2
      SADEGHIAN SANIEH       992-5819+2
      TYRRELL MICHAEL H      756-2466
      WISE BETTY             992-5204
380....APARTMENTS
      BATTENFIELD BEVERLY    756-3899
      BAUTISTA BILL L        756-8201+2
      CHAMBERLIN WM H MRS    756-0528
      ESTRADA EDW V          992-8639
      GODFREY WM RUFUS       992-3228+2
      HEBERT S J             755-3654
      HOHL JOHN              755-5045
      KAPLAN M L             992-6673
      MARGOLIN DAVID G JR    992-2489
      MEJIA VIRGINIA         994-1892+2
      MOANANU EPERONE        755-5812
      MUNS BARRY             994-2089+2
      ONEIL OWEN             992-9581
      ROGERS DAVID L         755-7532
      SMITH ALLAN L          992-7734
      WALLACE DONALD         756-5999
      WALLACE THERESA R      756-5999
      WALSH WM               755-4396+2
      WAYBRIGHT AGNES        992-0625
655....APARTMENTS
      APCAR B                755-3698+2
      BIASEVICH JORGE        992-2981+2
      BLANTON DONNA L        992-2261
      BLANTON JAS P          992-2261
      BRANDI RUTH F          755-7927
      BRYANT PAT             756-6724
      CARLOMAGNO E A JR      756-1591
      GALVIN JOS R           992-6226
      GILL PEGGY             756-6371+2
      KADESH JACK J          756-8491+2
      KELLNER W L            992-2640
      KRIZMAN LYNN L         992-8121
      LACKEY EUGENE L        992-4533+2
      LATHAM STELLA          992-5113
      LATHAM THOYD O         992-5113
      MCPARTLAND WM          756-0283
      PENN JOHN E            756-6622
      RILEY RANDALL B        992-0160
      SALIANI OTTO J         755-3512
      SAMUEL LAURIE H        756-6316+2
      SCHWABAUER GENE        992-1578+2
      SEMENZA K              755-4053+2
      SERRELS L M            992-3121
      SMITH WM L             756-7179+2
      STEWART AGNES R        992-9162+2
      VANKOLL EDMOND W       756-0580+2
      WASHAM M A             755-2241+2
      WHERRY ROBT J          756-3045
      WHITE PHILLIP          992-8764+2
NO  **BARTELS&BLAINE         994-1122+2
NO  **JOES OF WESTLAKE       755-7400
NO  **WESTLAKE JOES          755-7400
NO  **WESTLAKE 66            755-8005
    *  13 BUS  162 RES   59 NEW
```

Target Street	Cross Street	Source
✓	-	HAINES AND COMPANY

SOUTHGATE AVE 1972



SOUTHGATE AV 94015 DALY CITY

```
  5*AMER SAVINGS&LN ASN992-4300
 11*PACIFIC GAS&ELEC CO756-5600
15....BUILDING
   *BAKER ROBT P        755-7877
   *BOERIO CHAS N       992-1450
   *CALVERT FIRE INS CO755-4100
   *CAVALIER INSURANCE 755-4100
   *CHESAPEAKE ADJUSTRS755-4100
   *COMPTON ENCYCLPDIAS992-2088+2
   *COMPTON F E CO      992-2088+2
   *FEDERATED CRDT CORP992-0550
   *GROLIER SOCIETY INC992-0550
   *STATE FARM INS CO   755-7877
   *SUTTON HAMMOND&ASC 992-1303+2
   *WESTLAKE SBDVSN ASN755-2621
   *WESTLKE IMPRVMT ASN755-2621
 19*HOUSEHOLD FINANCE   756-5525
 21*BEHREND JEWELERS    992-6900
 25*TITLE INS AND TRUST756-8500
 33*CROCKER CTZN NTL BK756-3800
 45*DAMIEN SWITCHBOARD 992-5600+2
   *SMTO CO MNTL HEALTH873-1800+2
 53  XXXX                 OO
 75*FOSTER CARE PROJECT992-9233+2
 85*ALLIED RADIO SHACK 992-0874+2
 95*CIVIC FDRL SVNGS&LN756-4255
 99*SWANSONS WSTLK BOWL756-5777
   *SWANSONS WSTLK BOWL756-6595
   *SWANSONS WSTLK BOWL756-7222
   *WESTLAKE BOWL       756-5777+2
151*MONTE FRANK         755-4878
   *WESTLAKE ARCO SV    755-4878+2
169*AVCO FINANCIAL SERV756-2114
171*CASA DE RIO HRSTYLS755-8335
175*WESTLAKE PIZZA SHOP756-0660
177*WESTLAKE PET SHOP   755-4232
181*GREEN&KAUFMANN      755-2000
183*SOUTHGT THRFTY CLNR756-5244
187*C I T FINANCIAL SRV756-5550+2
   *CIT FINANCIAL SV    756-5550+2
189*SOUTHGATE BARBER SH756-9974+2
198 BLESSUM C J         992-7270+2
    BOTSFORD FREDERICK  756-7254
    COLIPAPA BRENDA C   756-3555
    COLIPAPA JERRY JR   756-3555
    QUAID E M           992-3780
    SCHENK MARIE MRS    756-1505
    ZABEL TILLIE G      994-0470+2
199*US POST OFFICE      756-1842
201*DOUG MACK HSTLK CRD992-3102+2
```

APPENDIX E

Sanborn Fire Insurance Maps

99 Southgate Avenue

99 Southgate Avenue

Daly City, CA 94015

Inquiry Number: 6333828.3

January 19, 2021

Certified Sanborn® Map Report

6 Armstrong Road, 4th floor
Shelton, CT 06484
Toll Free: 800.352.0050
www.edrnet.com

Certified Sanborn® Map Report

01/19/21

Site Name:

99 Southgate Avenue
99 Southgate Avenue
Daly City, CA 94015
EDR Inquiry # 6333828.3

Client Name:

Roux Associates Inc
555 12th Street Suite 250
Oakland, CA 94607
Contact: Emma Totsubo

The Sanborn Library has been searched by EDR and maps covering the target property location as provided by Roux Associates Inc were identified for the years listed below. The Sanborn Library is the largest, most complete collection of fire insurance maps. The collection includes maps from Sanborn, Bromley, Perris & Browne, Hopkins, Barlow, and others. Only Environmental Data Resources Inc. (EDR) is authorized to grant rights for commercial reproduction of maps by the Sanborn Library LLC, the copyright holder for the collection. Results can be authenticated by visiting www.edrnet.com/sanborn.

The Sanborn Library is continually enhanced with newly identified map archives. This report accesses all maps in the collection as of the day this report was generated.

Certified Sanborn Results:

Certification # 40DC-4925-BA22

PO # NA

Project NA

Maps Provided:

1969
1960

Sanborn® Library search results

Certification #: 40DC-4925-BA22

The Sanborn Library includes more than 1.2 million fire insurance maps from Sanborn, Bromley, Perris & Browne, Hopkins, Barlow and others which track historical property usage in approximately 12,000 American cities and towns. Collections searched:

- ☑ Library of Congress
- ☑ University Publications of America
- ☑ EDR Private Collection

The Sanborn Library LLC Since 1866™

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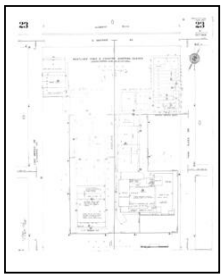
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Sanborn Sheet Key

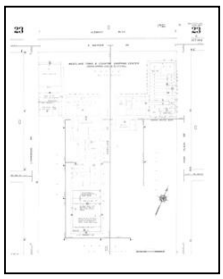
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1969 Source Sheets

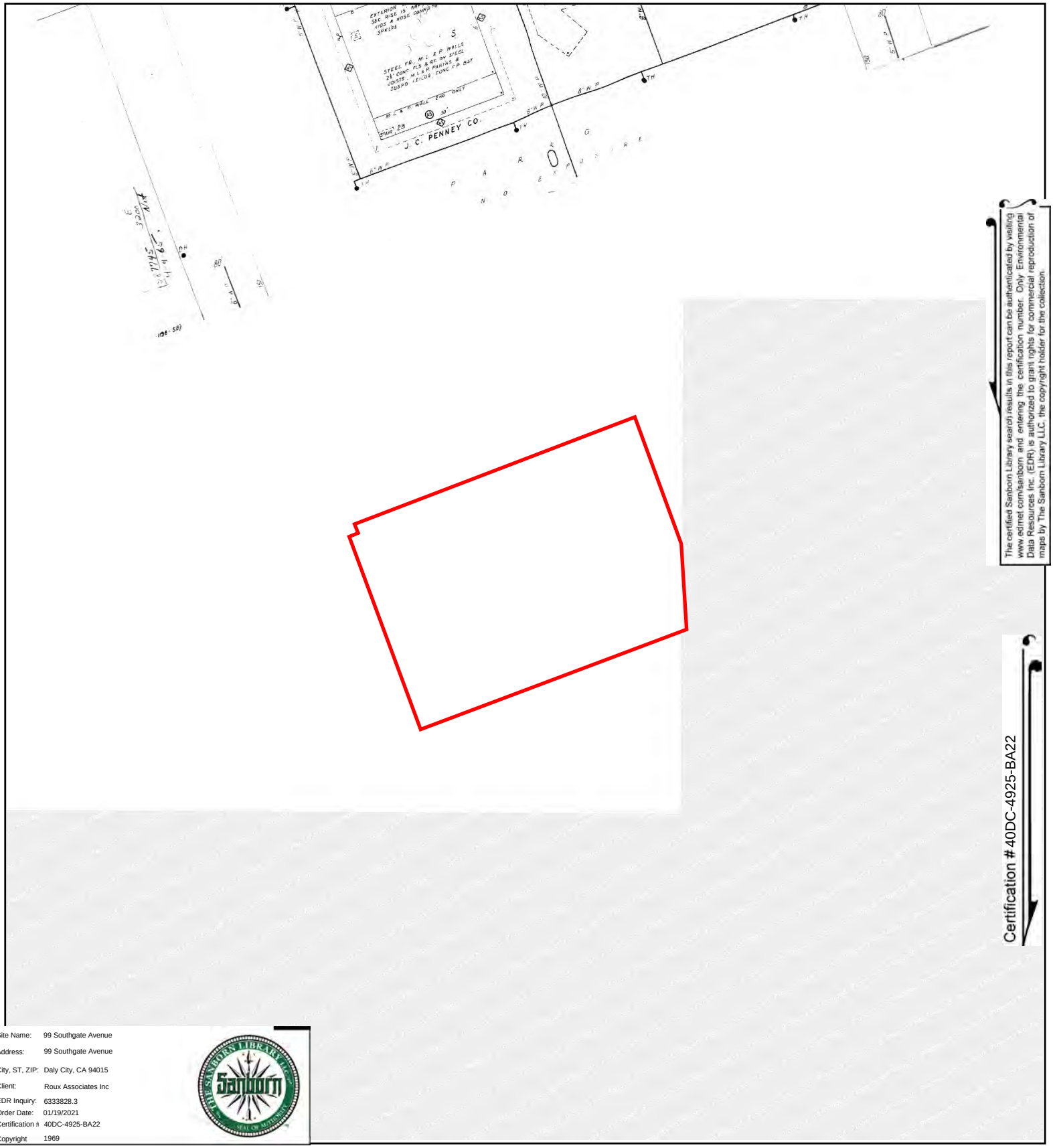


Volume 1, Sheet 23
1969

1960 Source Sheets



Volume 1, Sheet 23
1960

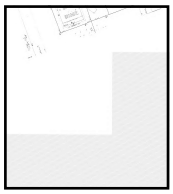


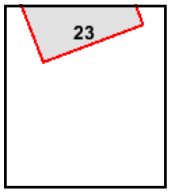
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Certification # 40DC-4925-BA22

Site Name: 99 Southgate Avenue
Address: 99 Southgate Avenue
City, ST, ZIP: Daly City, CA 94015
Client: Roux Associates Inc
EDR Inquiry: 6333828.3
Order Date: 01/19/2021
Certification #: 40DC-4925-BA22
Copyright: 1969

This Certified Sanborn Map combines the following sheets.
Outlined areas indicate map sheets within the collection.

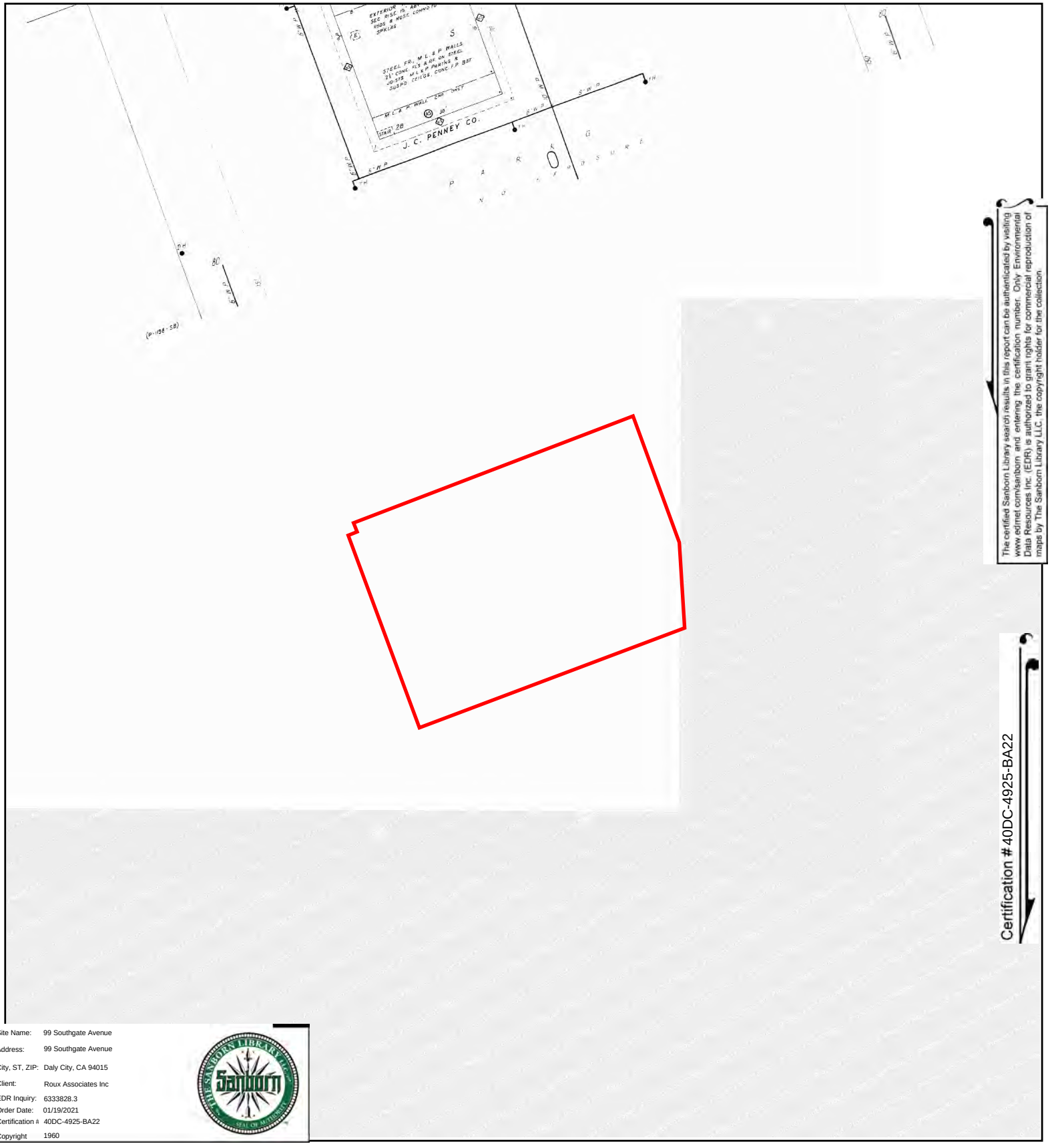




Volume 1, Sheet 23

0 Feet 150 300 600

N

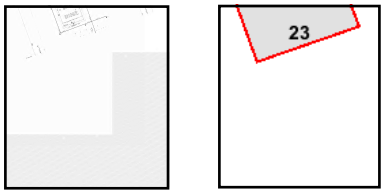


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Certification # 40DC-4925-BA22

Site Name: 99 Southgate Avenue
Address: 99 Southgate Avenue
City, ST, ZIP: Daly City, CA 94015
Client: Roux Associates Inc
EDR Inquiry: 6333828.3
Order Date: 01/19/2021
Certification #: 40DC-4925-BA22
Copyright: 1960

This Certified Sanborn Map combines the following sheets. Outlined areas indicate map sheets within the collection.



Volume 1, Sheet 23

0 Feet 150 300 600

N

APPENDIX F

Freedom of Information Act Document Requests and Responses

Emma Totsubo

From: Public Records <PublicRecords@baaqmd.gov>
Sent: Thursday, January 21, 2021 5:27 PM
To: Emma Totsubo
Subject: Public Records Request No. 2021-01-0174

This message originated outside your organization. Please use caution!

Dear Emma Totsubo,

Thank you for your request. We have searched our records and have no records that respond to your below request for:

99 Southgate Avenue
Daly City

If you have any questions or concerns, please call or e-mail me.

Sincerely,

Rochele Henderson
Public Records Section
BAAQMD
415-516-1916

Emma Totsubo

From: CALFIRE PRA Records Center <calfire@govqa.us>
Sent: Monday, February 1, 2021 9:46 AM
To: Emma Totsubo
Subject: [Records Center] Public Records Request :: R000290-012121

This message originated outside your organization. Please use caution!

--- Please respond above this line ---

RE: PUBLIC RECORDS REQUEST of January 21, 2021, Reference # R000290-012121

Dear Emma Totsubo,

The CAL FIRE received a public information request from you on January 21, 2021. Your request mentioned:

"Roux Associates will be conducting a Phase I ESA and would like to request public records for the following address:

99 Southgate Avenue
Daly City, CA 94015

We are interested in files available for the entire history of the address - particularly related to land use, hazardous waste, and environmental health (e.g. environmental site assessments, hazardous waste violations, documented releases, permits etc.).

Please reach out if you have any questions."

The CAL FIRE has reviewed its files and has determined there are no responsive documents to your request.

If you have any questions or wish to discuss this further, you may contact my office at (916) 584-6314.

Sincerely,
Mark Springer
PRA Attorney
Sacramento - HQ - Legal Office

To monitor the progress or update this request please log into the CALFIRE PRA Records Center

Public Information Request Form

City of Daly City

Submitted On:
January 21, 2021 12:59pm
America/New_York

Full Name	Emma Totsubo
Address Autocomplete	99 Southgate Avenue, Daly City, CA, USA
Phone Number	3104055368
Email	etotsubo@rouxinc.com
Information Requested (Please Be Specific)	Roux Associates will be conducting a Phase I ESA and would like to request public records for 99 Southgate Avenue, Daly City, CA 94015 We are interested in files available for the entire history of the address - particularly related to land use, hazardous waste, and environmental health (e.g. environmental site assessments, hazardous waste violations, documented releases, permits etc.). Please reach out if you have any questions.

Emma Totsubo

From: Rose, Carl@DTSC <Carl.Rose@dtsc.ca.gov>
Sent: Friday, January 29, 2021 4:36 PM
To: Emma Totsubo
Cc: BerkeleyFileRoom@DTSC
Subject: 2-012121-03 Daly City
Attachments: 2-012121-03 NRL.pdf

This message originated outside your organization. Please use caution!

Hello,

Please see the attachment for a response to your Public Records Act request. A hard copy will not follow but may be available upon request.

If you have any questions, please feel free to send an e-mail to Berkeleyfileroom@dtsc.ca.gov or call the DTSC Berkeley Office at (510)-540-3800. Please continue to use this Regional File Room e-mail box for future communication as it allows us to respond more efficiently to your requests. Have a nice day and be well.

Sincerest Regards,

Carl Rose
Regional Records Coordinator
DTSC Berkeley Regional Office
700 Heinz Avenue STE 200
Berkeley, CA 94710-2721
Phone: 510.540.3800
Fax: 510-540-3801
Berkeleyfileroom@dtsc.ca.gov

Jared Blumenfeld
Secretary for
Environmental Protection

Department of Toxic Substances Control

Meredith Williams, Ph.D., Director
700 Heinz Avenue
Berkeley, California 94710-2721

Gavin Newsom
Governor

January 29, 2021

Emma Totsubo
etotsubo@rouxinc.com
510-967-6000

Public Records Request Number: PR2-012121-03

Location(s): 99 Southgate Ave., Daly, City, CA 94015

Dear Ms. Totsubo:

On January 21st, 2021 the Department of Toxic Substances Control (DTSC) received your email of January 21st, 2021 requesting records under the Public Records Act. After a thorough review of our files, no site records were found pertaining to the sites/facilities referenced above.

Many of our records are available on EnviroStor, an online database that provides non-confidential, public access to DTSCs data management system. It tracks our cleanup, permitting, enforcement, and investigation efforts at hazardous waste facilities and sites with known or suspected contamination issues. EnviroStor is available 24/7, 365 days a year. The data reflects the latest updates as they are entered in the system. Access it from your computer or smartphone, the local library – anywhere Internet access is available. Just go to www.envirostor.dtsc.ca.gov. You'll find a step-by-step tour of EnviroStor under the "How to Use EnviroStor" menu on the website.

If you have any questions or would like further information regarding your request, please contact me at 510-540-3800 or via email at Berkeleyfileroom@dtsc.ca.gov.

Sincerely,

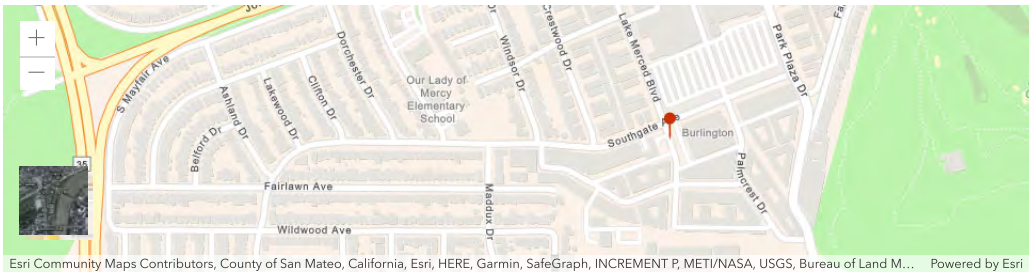
Carl Rose

Carl Rose
Regional Records Coordinator

Handler Profile

CAL000403215 - BURLINGTON STORE # 182

Status: ACTIVE



ID Number Profile

ID Number:	CAL000403215
Facility Name:	BURLINGTON STORE # 182
Status:	ACTIVE
ID Type:	PERMANENT
ID Category:	STATE
Entity Types:	GENERATOR
NAICS:	45211
Issued Date:	12/24/2014
Last Updated:	11/2/2020

Facility Address

99 SOUTHGATE AVE
DALY CITY, CA 94015
SAN MATEO County
(37.697409, -122.4829755)

Mailing Address

1830 ROUTE 130 N
BURLINGTON `, NJ 08016

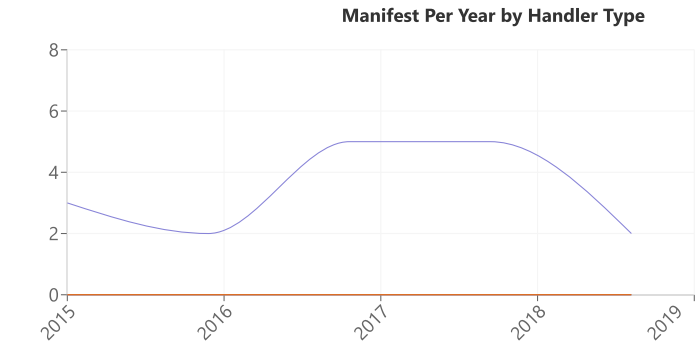
Owner

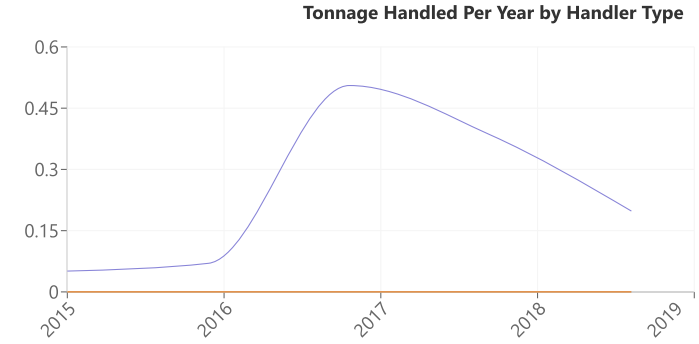
BURLINGTON COAT FACTORY
1830 ROUTE 130 N
BURLINGTON, NJ 08016
(609) 387-7800

Operator

NANCY DENNION
1830 ROUTE 130N
BURLINGTON, NJ 08016
(609) 387-7800

Manifests





Manifest Counts and Total Tonnage

Export CSV

Waste Code Matrix

Entity Type Generator

Waste Code Type Non-RCRA

Search Reset

Export CSV

Page Size: 10 1 to 2 of 2 Page 1 of 1

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Handler Profile

CAC000692032 - 1X WESTLAKE DEVELOPMENT COMPANY_INC

Status: INACTIVE



ID Number Profile

ID Number:	CAC000692032
Facility Name:	1X WESTLAKE DEVELOPMENT COMPANY_INC
Status:	INACTIVE (expired: 10/25/2000)
ID Type:	TEMPORARY
ID Category:	STATE
Entity Types:	GENERATOR
NAICS:	
Issued Date:	5/22/1992
Last Updated:	10/25/2000

Facility Address

99 SOUTHGATE AVENUE
DALY CITY, CA 94015
SAN MATEO County
(37.698066, -122.481771)

Mailing Address

520 EL CAMINO REAL
SAN MATEO, CA 94402

Owner

CORPORATION
--
--, 99 --
(000) 000-0000

Operator

FRANK OLDRICH/EXECUTIVE ASST
--
--, 99 --
(415) 579-1010

Manifests

No Manifest Data for this ID Number.

Waste Code Matrix

Entity Type Generator

Waste Code Type Non-RCRA

Search Reset

Export CSV

Page Size: 10 0 to 0 of 0 Page 0 of 0

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Emma Totsubo

From: Wong, Melinda@Waterboards <Melinda.Wong@waterboards.ca.gov>
Sent: Thursday, January 28, 2021 12:21 PM
To: Emma Totsubo
Subject: RE: PRA 20-0522 Records Request

This message originated outside your organization. Please use caution!

Hello Emma,

The San Francisco Bay Regional Water Board received your January 21, 2021 file review request, which seeks records related to the address you described below. Based on a thorough search, the San Francisco Bay Water Board does not possess any records responsive to your request.

I suggest please contact the local agency, San Mateo County Health Department for any further information they may have.

Thank you,

Melinda Wong
Management Services Division
San Francisco Bay Water Board
1515 Clay Street, Suite 1400
Oakland, CA 94612
Phone: (510) 622-2430
Fax: (510) 622-2095 direct line for Public Records Act request
Email: mwong@waterboards.ca.gov

From: Emma Totsubo <etotsubo@rouxinc.com>
Sent: Thursday, January 21, 2021 9:28 AM
To: Wong, Melinda@Waterboards <Melinda.Wong@waterboards.ca.gov>
Subject: Public Records Request

EXTERNAL:

Hello Melinda,

Roux Associates will be conducting a Phase I ESA and would like to request public records for the following address:

99 Southgate Avenue
Daly City, CA 94015

We are interested in files available for the entire history of the address - particularly related to land use, hazardous waste, and environmental health (e.g. environmental site assessments, hazardous waste violations, documented releases, permits etc.).

Please reach out if you have any questions.

Thank you,
Emma

Emma Totsubo, E.I.T. | Staff Assistant Engineer | Roux Associates, Inc.
555 12th Street, Suite 250, Oakland, California 94607
Main: 415.967.6000 | Direct: 415.967.6026 | Mobile: 310.405.5368
Email: etotsubo@rouxinc.com | Website: www.rouxinc.com



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COUNTY OF SAN MATEO
BOARD OF SUPERVISORS

Board of Supervisors
Dave Pine, 1st District
Carole Groom, 2nd District
Don Horsley, 3rd District
Warren Slocum, 4th District
David J. Canepa, 5th District

County Goverment Center
400 County Center, 1st Floor
Redwood City, CA 94063
650-363-4653 T

www.smcgov.org

NAME: Emma Totsubo DATE:* 1/21/2021

CONTACT PHONE NUMBER: (310) 405-5368

IS THIS REQUEST URGENT? ☐ YES ☒ NO DATE NEEDED: 1/31/2021

PLEASE CHECK ONE BOX BELOW:

☒ I WOULD LIKE THE PUBLIC RECORDS SENT TO ME AT THE FOLLOWING ADDRESS:

EMAIL ADDRESS: etotsubo@rouxinc.com

☐ I WILL PICK-UP THE PUBLIC RECORDS WHEN IT IS READY.

PUBLIC RECORDS NEEDED: *(PLEASE INCLUDE AS MUCH DETAIL AS POSSIBLE ABOUT THE PUBLIC RECORDS YOU ARE REQUESTING – IE DATES, SUBJECT MATTER, RESOLUTION AND/OR ORDINANCE NUMBER, ETC...)*

Roux Associates will be conducting a Phase I ESA and would like to request public records for the following address:

99 Southgate Avenue
Daly City, CA 94015

We are interested in files available for the entire history of the address - particularly related to land use, hazardous waste, and environmental health (e.g. environmental site assessments, hazardous waste violations, documented releases, permits etc.).

Please reach out if you have any questions.

DATE DELIVERED: CLERK'S SIGNATURE:

**PLEASE NOTE: We will need at least 10 days to fulfill your request as some public records may have to be researched and obtained from archives. Thank you.*

Emma Totsubo

From: Melissa Andrikopoulos <mandrikopoulos@smcgov.org>
Sent: Monday, January 25, 2021 1:04 PM
To: Emma Totsubo
Subject: PRA request

This message originated outside your organization. Please use caution!

Good afternoon, Ms. Totsubo,

I am in receipt of your request for public records related to 99 Southgate Avenue in Daly City, received on January 21, 2021. I am writing to confirm that because the subject location is within the incorporated limits of Daly City, the County does not possess any planning or building records related to land use. However, the County's Environmental Health Division will be reaching out to you directly to assist with your request related to hazardous waste and environmental health records. Feel free to contact me if you have any questions or concerns.

Thank you,

Melissa

_____

Melissa Duncan Andrikopoulos
Deputy County Counsel
San Mateo County Counsel's Office
400 County Center, Sixth Floor
Redwood City, California 94063
650.363.4753
mandrikopoulos@smcgov.org

Emma Totsubo

From: HS_EH_EnvHealth <EnvHealth@smcgov.org>
Sent: Thursday, January 28, 2021 12:31 PM
To: Emma Totsubo
Subject: County of San Mateo Environmental Health: Public Records Request
Attachments: 99 SOUTHGATE AVE.zip

This message originated outside your organization. Please use caution!

Emma Totsubo:

The inquiry for 99 Southgate Avenue, Daly City is complete and attached in PDF format.

If you have any questions regarding the files please contact Land Use inspector Ed Diaz at (650) 464-0613.

Environmental Health Services Division
San Mateo County Health
2000 Alameda de las Pulgas, Suite 100
San Mateo, CA 94403
(650) 372-6200 T
(650) 627-8244 F
EnvHealth@smcgov.org

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LEGEND

- GROUNDWATER MONITORING WELL (UNIT A)
- GROUNDWATER MONITORING WELL (UNIT B)
- ABANDONED/DESTROYED GROUNDWATER MONITORING WELL
- VAPOR EXTRACTION WELL (UNIT A)
- VAPOR EXTRACTION WELL (UNIT B)
- DESTROYED VAPOR EXTRACTION WELL
- CPT BORING
- SOIL BORING (SOUTHGATE CLEANERS)
- SOIL BORING (SHALLOW)
- SOIL BORING (MID)
- SOIL BORING (DEEP)
- SOIL VAPOR PROBE
- REMEDIATION TRENCH
- UNDERGROUND STORM DRAIN
- UNDERGROUND SANITARY SEWER
- UNDERGROUND GAS LINE
- UNDERGROUND ELECTRIC LINE
- UNDERGROUND STREET LIGHT LINE
- UNDERGROUND COMMUNICATIONS LINE
- UNDERGROUND WATER LINE
- UNDERGROUND UNKNOWN UTILITY
- EXCAVATION AREA (2000)
- EXCAVATION AREA (1999)
- EXCAVATION AREA (1997)
- LIGHT POLE
- STORM SEWER MANHOLE
- SANITARY SEWER MANHOLE
- ELECTRIC MANHOLE

NO. 99 SOUTHGATE AVENUE
1-STORY CONCRETE COMMERCIAL BUILDING
"BURLINGTON COAT FACTORY"

N

0 10 20 40 60 80 Feet

This figure is based on a survey by Stratus Environmental dated 10/7/08, a Utility Map by Stantec dated 6/14/08 and a Detailed Site Plan by Stantec dated 8/12/16.

FIGURE 2
SITE PLAN

ARCO SERVICE STATION NO. 0465
151 SOUTHGATE AVENUE
DALY CITY, CALIFORNIA

PROJECT NO.	PREPARED BY	REF SCALE
00465EA201	JH	1:480
DATE	REVIEWED BY	MAP SCALE
3/30/2020	PE	1 inch = 40 feet

antea group

\\gis-s3\GIS_Data\Sandbox\!Projects\A-E\BP_CA\465\00465EA171\Layout\0465-F2 SiteMap.mxd

Remediation Management Services Company

4 Centerpointe Drive, Suite 200
La Palma, CA 90623
Room LPR 4-222
Office: (360) 594-7978
Mobile: (360) 594-7978
Wade.Melton@bp.com

April 20, 2020

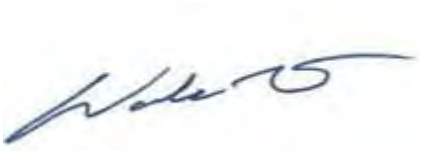
Mr. Deno Milano
San Mateo County Groundwater Protection Program
2000 Alameda de las Pulgas, Suite 100
San Mateo, California 94403

Subject: First Quarter 2020 Semi-Annual Groundwater Monitoring Report
ARCO Service Station No. 465
151 Southgate Avenue
Daly City, California
San Mateo County Groundwater Protection Program (GPP), Case No. 220033
Global ID T10608100027

Dear Mr. Milano,

Antea®Group is pleased to present this First Quarter 2020 Semi-Annual Groundwater Monitoring Report for ARCO #465 station located at 151 Southgate Avenue, Daly City, California (the Site). If you have any questions regarding this report or need any additional information about this Site, please contact Mr. Wade Melton at (360) 594-7978.

Sincerely yours,



Wade Melton
Operations Project Manager
Remediation Management Services Company
An affiliate of Atlantic Richfield Company



First Quarter 2020 Semi-Annual Groundwater Monitoring Report

ARCO Service Station No. 465
151 Southgate Avenue, Daly City, California

Antea®Group

Understanding today.
Improving tomorrow.

PREPARED FOR
Deno Milano
San Mateo County Groundwater Protection Program (GPP)
2000 Alameda de las Pulgas, Ste. 100
San Mateo, California 94403

PREPARED BY
Antea Group
11010 White Rock Road, Suite 140
Rancho Cordova, CA 95670
Project No. 00465EA191

California Global ID No. T0608100027
San Mateo County Case No. 220033

April 20, 2020

us.anteagroup.com

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1.0 Introduction

On behalf of BP Products North America, Inc. (BP), Antea®Group has completed this First Quarter 2020 Semi-Annual Groundwater Monitoring Report for ARCO Service Station No. 465 (the Site) at 151 Southgate Avenue in Daly City, California, to summarize the data from groundwater monitoring events that took place from November 4 to 6, 2019, and January 20 to 24, 2020. Please refer to **Figure 1** for a Site Location Map, **Figure 2** for the Site Plan, **Table 1** for Soil Boring and Monitoring Well Construction Details, and **Appendix A** for additional Site description and a history of environmental investigations and remedial activities conducted at the Site.

1.1 WORK PERFORMED IN THE FOURTH QUARTER 2019 AND FIRST QUARTER 2020

- Antea Group conducted Fourth Quarter 2019 gauging of Site wells and collected groundwater samples from MW-16D, MW-18D, MW-19D, and V-14 from November 4 to 6, 2019. Antea Group understands that the GPP cannot recommend the Fund reimburse BP for the Fourth Quarter 2019 gauging and sampling activities, as the work was not required by the GPP; however, Antea Group believes the data to be valuable for the evaluation of groundwater conditions in the deep zone.
- Antea Group conducted operation and maintenance (O&M) activities on the Soil Vapor Extraction (SVE) system until the system shutdown was approved by the GPP in a letter dated November 13, 2019.
- Antea Group conducted the first quarter 2020 site-wide gauging and sampling event from January 20 to 24, 2020
- Antea Group conducted a shallow subsurface soil investigation event on February 18, 2020. The results from the investigation will be submitted as a separate report.

1.2 WORK PROPOSED FOR THE SECOND AND THIRD QUARTER 2020

- Antea Group will perform quarterly gauging of Site wells in Second Quarter 2020.
- Antea Group will perform semi-annual groundwater sampling of wells MW-16D, MW-18D, MW-19D, and V-14 in Third Quarter 2020.

2.0 Current Project Status

Table A: Site Status Summary

Current phase of project:	Groundwater Monitoring and Sampling
Monitoring well gauging schedule:	Quarterly: MW-1R, MW-2, MW-4, through MW-10, MW-11R, MW-12 through MW-19, MW-3D through MW-7D, MW-9D, MW-16D, MW-18D, MW-19D, V-1 through V-14
Monitoring well sampling schedule:	Annual (1st quarter): MW-1R, MW-2, MW-4, through MW-10, MW-11R, MW-12 through MW-19, MW-3D through MW-7D, MW-9D, V-1 through V-13 Semi-Annual (1st and 3rd quarter): MW-16D, MW-18D, MW-19D, V-14
Local Receptors:	One public supply well is located within 1,000 feet of the Site - the well is approximately 500 feet southwest of the Site. See **Section 2.2.**
Current Remediation Technique:	Verification Monitoring as of 11/13/2019

2.1 REGULATORY CORRESPONDENCE

On November 13, 2019, the GPP provided comments on the *Second Quarter 2019 Quarterly Remediation Status Report* dated August 14, 2019, and the *V-14 Soil Vapor Extraction Pilot Test Report* dated September 10, 2019. In this letter, the GPP approved the request to shut down the SVE system.

On January 27, 2020, the GPP provided comments on the *Third Quarter 2019 Semi-Annual Groundwater Monitoring Report*, dated November 15, 2019, and requested a work plan for soil confirmation sampling.

On February 10, 2020, BP uploaded a response to the January 27 letter to GeoTracker.

All agency correspondence is included as **Appendix B**.

2.2 LOCAL MUNICIPAL SUPPLY WELL DISCUSSION

Antea Group has reviewed the GeoTracker Groundwater Ambient Monitoring and Assessment Program (GAMA) Database and spoken with representatives from GAMA, the San Francisco Public Utilities Commission (SFPUC), the San Mateo County Office of Sustainability and the City of Daly City Department of Water and Wastewater Resources to identify local receptors within 1,000 feet of the Site. At this time, it is believed that one municipal supply well, Westlake Well, is located approximately 500 feet southwest of the Site.

Below is a summary of the well screen intervals.

- **Public Supply Well – Westlake Well** (Constructed 1995)
  - Screen 1: 340 – 380 feet bgs
  - Screen 2: 440 – 480 feet bgs
  - Screen 3: 600 – 680 feet bgs

Two additional supply wells, one irrigation well, and one unknown well have previously been reported within 1,000 feet of the Site; however, none of the aforementioned agencies have record of these previously reported wells and it is currently believed that the Westlake Well is the only well within 1,000 feet of the Site.

2.3 GROUNDWATER MONITORING

Antea Group gauged and sampled the wells listed in **Table B** below during Fourth Quarter 2019 and First Quarter 2020 per their standard protocol (**Appendix C**). Well construction details are presented in **Table 1**. Copies of Antea Group's groundwater gauging and sampling field data sheets are presented as **Appendix D**. The table below summarizes the recent gauging, purging, and sampling events. Wells MW-14, V-1, V-2, and V-4 were dry during the Fourth Quarter 2019 gauging event, and wells MW-13, MW-14, V-1, and V-2 were dry during the First Quarter 2020 gauging event.

Depth to water in MW-19D during the January 2020 groundwater monitoring event was a minimum of 4.72 feet lower than historical measurements for the well. On March 10, 2020, Antea Group staff re-gauged the well to assess whether the January measurement might be erroneous. The March 2020 measurement was approximately 8.5 feet shallower than the January measurement, which is only 1.93 feet shallower than the November 2019 measurement and consistent with the rising water table in the area (**Table 2**). The average rise in water from November 2019 to January 2020 in B Zone wells except MW-3D is 2.09 feet.

Table B: Groundwater Monitoring and Sampling Summary

Well gauging and sampling dates:	November 4 to 6, 2019 January 20 to 24, 2020 March 10, 2020
Wells gauged:	November 4, 2019: MW-1R, MW-2, MW-3D, MW-4, MW-4D, MW-5, MW-5D, MW-6, MW-6D, MW-7, MW-7D, MW-8, MW-9, MW-9D, MW-10, MW-11R, MW-12, MW-13, MW-14, MW-15, MW-16, MW-16D, MW-17, MW-18, MW-18D, MW-19, MW-19D, V-1, V-2, V-4, V-5, V-6, V-7, V-8, V-9, V-10, V-11, V-12, V-13, V-14 January 20, 2020: MW-1R, MW-2, MW-3D, MW-4, MW-4D, MW-5, MW-5D, MW-6, MW-6D, MW-7, MW-7D, MW-8, MW-9, MW-9D, MW-10, MW-11R, MW-12, MW-13, MW-14, MW-15, MW-16, MW-16D, MW-17, MW-18, MW-18D, MW-19, MW-19D, V-1, V-2, V-4, V-5, V-6, V-7, V-8, V-9, V-10, V-11, V-12, V-13, V-14 March 10, 2020: MW-19D
Wells sampled[1]:	November 4 to 6, 2019: MW-16D, MW-18D, MW-19D, V-14 January 20 to 25, 2020: MW-1R, MW-2, MW-3D MW-4, MW-4D, MW-5D, MW-6, MW-6D, MW-7, MW-7D, MW-8, MW-9, MW-9D, MW-12, MW-16, MW-16D, MW-18, MW-18D, MW-19, MW-19D, V-8, V-14
Purge method[2]:	Low-flow via bladder pump and disposable bailers
Sample collection method:	Disposable bailers or dedicated tubing
Groundwater parameters measured (Appendix B):	Dissolved oxygen (DO), temperature, conductivity, pH, oxidation-reduction potential (ORP), and turbidity
Wells with measurable light non-aqueous phase liquids (LNAPL):	None

1) Well MW-17 was not sampled during the January 2020 event due to a piece of tubing stuck in the well, blocking access for the bladder pump to reach depth to water. Antea Group attempted to remove the tubing for approximately three hours but was unsuccessful.
2) Well V-14 was collected as a grab sample using a dedicated, disposable bailer during the November 2019 and January 2020 sampling events due to there being insufficient water to perform low-flow sampling. In the GPP letter dated January 27, 2020, the GPP stated "Please employ methods to remove groundwater within the blank portion of the well casing before commencing purging across the screened interval. GPP staff could support a traditional 3-well volume purge across the screened interval prior to sampling to reduce the potential of having to change-out the purging equipment after the water within the blank portion of the casing is removed." Antea Group responded to this letter on February 10, 2020 and stated that during the January 20-24, 2020 groundwater monitoring event, which occurred prior to receipt of the January 27, 2020 letter, an attempt was made to remove groundwater from the blank portion of the casing in wells where the screen was submerged (MW-4D, MW-5D, MW-6D, MW-7D, MW-9D, MW-16, and MW-18). Stagnant water was removed from the blank casing in several wells; however, high recharge rates in five locations (MW-4D, MW-5D, MW-6D, MW-16, and MW-18) prevented the removal of all groundwater from the blank portion of the casing via disposable bailer or bladder pump. After an attempt was made to remove the stagnant water from the blank casing, Antea Group staff purged the wells with a bladder pump and waited for parameters to stabilize before sampling. BP and Antea Group recognize that this cannot be considered true low-flow purging. The removal of 3-casing volumes equates to more than 70 gallons of water in some locations, and in the response letter dated February 10, 2020, Antea Group recommended using an electric submersible pump to remove 3-well volumes from the wells where the screens are submerged during future sampling events. After removal of 3-casing volumes, a dedicated bailer will be used to sample each well.

2.3.1 Groundwater Flow Gradient and Directional Trends

Groundwater monitoring wells at the Site are mainly set within two subsurface water bearing zones: Zone A, the perched groundwater zone, contains wells screened between approximately 30 and 70 feet bgs with a maximum screen length of 20 feet; and Zone B, the region's Shallow Aquifer[1], contains wells that are screened between approximately 125 and 165 feet bgs with a maximum screen length of 20 feet. Monitoring well MW-3D is screened deeper than the rest of the deep well network with a screen interval from 202 to 220 feet bgs and is not included in groundwater contouring. Similarly, wells V-1, V-2, V-4, V-5, V-7, and V-9 through V-14 were not included in contouring as they are vapor extraction wells that are purposefully screened above Zone A and Zone B. In addition, wells MW-13 and MW-14 were not included in contouring as the wells were dry during the First Quarter 2020 event. Based on the March 2020 measurement, Antea Group believes the depth to water measured in MW-19D during the January event is erroneous therefore, MW-19D has also been omitted from contouring. **Figures 3A** and **3B** present Zone A and Zone B groundwater elevation contours calculated from the First Quarter 2020 gauging data. Groundwater elevation data are tabulated in **Table 2** (current) and **Table 3** (historical). **Appendix E** presents a hydrograph with the static water levels of all monitoring wells during every gauging event in the Site's history. Historical groundwater gradients for both units are presented in **Table 4A** and **4B** and flow directions are shown on Rose diagrams included as **Appendix F.**

2.3.2 Groundwater Quality Data

Antea Group submitted the groundwater samples collected at the Site under chain-of-custody protocol to Eurofins Calscience Laboratories, Inc. (Calscience) located in Irvine, California; a California certified laboratory under the Environmental Laboratory Accreditation Program (Certification No. 2706). The groundwater laboratory analytical reports are included as **Appendix G**. The groundwater samples were analyzed for the following:

- Gasoline Range Organics (GRO) and Stoddard Solvents by United States Environmental Protection Agency (USEPA) Method 8015M;
- Benzene, toluene, ethylbenzene, and xylenes (BTEX), methyl tert-butyl ether (MTBE), ethyl tert-butyl ether (ETBE), di-isopropyl ether (DIPE), tertiary-amyl methyl ether (TAME), and tertiary butyl alcohol (TBA), ethanol, naphthalene, 1,2 dichloroethane (1,2-DCA), and 1,2-dibromoethane (EDB) by USEPA Method 8260B.

Current and Historical groundwater analytical results are tabulated in **Table 2** and **Table 3**, respectively.

2.3.3 Quality Assurance/Quality Control (QA/QC)

Antea Group's QA/QC procedures for the Fourth Quarter 2019 and First Quarter 2020 sampling events included collection of two field duplicates per sampling event (November 2019 and January 2020), and validation of the analytical data. Antea Group's data validation checklists are included with the TestAmerica laboratory reports presented as **Appendix G**.

Laboratory QA/QC Performed:	Yes (validated by Antea Group).
Laboratory Data Qualifiers as reported within the laboratory analytical reports:	440-254187-1: Method 8015B: Insufficient 8015-DRO sample was available to perform a MS/MSD associated with preparation batch 440-579542 and analytical batch 440-579986. The LCS was performed in duplicate to provide precision data for this batch: (LCS 440-579542/2A). Method 3510C: Insufficient sample volume was available to perform a MS/MSD associated with preparation batch 440-579542. Method 8015B.

[1] San Francisco Public Utilities Commission, 2018, *Annual Groundwater Monitoring Report Westside Basin, San Francisco and San Mateo Counties, California*, April.

Laboratory QA/QC Performed:	Yes (validated by Antea Group).
	440-253981-1 Method 3510C: Insufficient sample volume was available to perform a MS/MSD associated with preparation batch 440-578743. Method 3510C: Elevated reporting limits are provided for the following sample due to insufficient sample provided for preparation: DUP-465_20191105 (440-253981-3). 440-259635-1 Method 8015B: The matrix spike/matrix spike duplicate (MS/MSD) recoveries for preparation batch 440-592152 and analytical batch 440-592215 were outside control limits. Sample matrix interference is suspected. The associated laboratory control sample (LCS) recovery was within acceptance limits. Method 8015B: The matrix spike duplicate (MSD) recovery for preparation batch 440-592152 and analytical batch 440-592215 was outside control limits. Sample matrix interference is suspected. The associated laboratory control sample (LCS) recovery was within acceptable limits. 440-259702-1 Method 8015B: Insufficient 8015-DRO sample volume was available to perform a matrix spike/matrix spike duplicate (MS/MSD) associated with preparation batch 440-592379 and analytical batch 440-592483. The laboratory control sample (LCS) was performed in duplicate to provide precision data for this batch: (LCS 440-592379/2-A). Method 3510C: Insufficient sample volume was available to perform a matrix spike/matrix spike duplicate (MS/MSD) associated with preparation batch 440-592379. Method 8015B. 440-259756-1 Method 8015B: Insufficient 8015-DRO sample volume was available to perform a matrix spike/matrix spike duplicate (MS/MSD) associated with preparation batch 440-592379 and analytical batch 440-592483. The laboratory control sample (LCS) was performed in duplicate to provide precision data for this batch: (LCS 440-591379/2-A). Method 3510C: Insufficient sample volume was available to perform a matrix spike/matrix spike duplicate (MS/MSD) associated with preparation batch 440-592379 and 440-592379. Method 8015B.
Are the data valid for their intended purpose?	Yes, the data are valid.

Antea Group did not note discrepancies in their sampling procedures and no discrepancies were noted in the Calscience analytical procedures. The qualifiers summarized in the table above resulted in issues with the MS/MSD samples and do not invalidate the field parent samples or duplicates. The notes listed above that could affect the results of certain constituent concentrations in field parent samples or duplicates would bias the concentrations high, yet associated constituents were not detected. Antea Group concludes that the laboratory data obtained during the Fourth Quarter 2019 and First Quarter 2020 sampling events are valid.

2.3.4 Groundwater Analytical Results

The table below summarizes the constituents detected above the laboratory reporting limit, frequency of detection, and the range of concentrations detected in subsurface water samples collected during the Fourth Quarter 2019 sampling event.

Constituents	Frequency of Detections Above the Laboratory Reporting Limit	Minimum Detected Concentration, in µg/L (Well ID)	Maximum Detected Concentration, in µg/L (Well ID)
GRO	0 of 4	-	-
Benzene	0 of 4	-	-
Toluene	0 of 4	-	-
Ethylbenzene	0 of 4	-	-
Total Xylenes	0 of 4	-	-
MTBE	1 of 4	-	1.5 (V-14)
TBA	0 of 4	-	-

Explanations:
µg/L = Micrograms per liter

The table below summarizes the constituents detected above the laboratory reporting limit, frequency of detection, and the range of concentrations detected in subsurface water samples collected during the First Quarter 2020 sampling event.

Constituents	Frequency of Detections Above the Laboratory Reporting Limit	Minimum Detected Concentration, in µg/L (Well ID)	Maximum Detected Concentration, in µg/L (Well ID)
GRO	0 of 22	-	-
Benzene	0 of 22	-	-
Toluene	0 of 22	-	-
Ethylbenzene	0 of 22	-	-
Total Xylenes	0 of 22	-	-
MTBE	3 of 22	2.6 (MW-3D)	67 (MW-6)
TBA	2 of 22	56 (V-14)	240 (MW-6)

Explanations:
µg/L = Micrograms per liter

MTBE was not detected at concentrations above the San Francisco Bay Regional Water Quality Control Board (SFBRWQCB) Environmental Screening Level (ESL)[2] of 5.0 µg/L in the samples collected during the November 2019 sampling event; however, it was detected above the ESL in two wells (MW-6 and V-14) during the January 2020 sampling event (**Table 2**, **Figure 4A**, and **Figure 4B**). Benzene was not detected above laboratory reporting limits in either the Fourth Quarter 2019 or First Quarter 2020 sampling events. **Figure 4A** and **Figure 4B** show GRO, benzene, MTBE, and TBA concentrations in groundwater during Fourth Quarter 2019 and First Quarter 2020, respectively. As of the Second Quarter 2019, the MTBE plume extent in Zone B has been defined to the corresponding ESL by wells MW-5D, MW-6D, MW-18D, and MW-19D. MTBE concentrations in Zone A are below the corresponding ESL with the exception of MW-6 in the First Quarter 2020.

2.3.6 Waste Disposal Summary

Antea Group generated approximately 23 gallons (1 drum) and 73 gallons (2 drums) of wastewater from well purging/sampling and equipment decontamination activities during the November 2019 and January 2020

[2] San Francisco Bay Regional Water Quality Control Board, 2019. *Environmental Screening Levels Revision 2.*

sampling events, respectively. The wastewater was stored on-site in DOT approved 55-gallon drums. Antea Group coordinated removal and disposal by Belshire Environmental Services, Inc. (Belshire). Belshire removed the drum associated with the November 2019 sampling event and transported it to Demenno Kerdoon of Compton, California, for disposal on December 24, 2019. The drum associated with the January 2020 groundwater sampling event was picked up by Belshire on March 12, 2020 and transported to World Oil Recycling of Compton, California. A copy of the waste manifests is provided as **Appendix H**.

3.0 Recommendations and Conclusions

Antea Group performed the Fourth Quarter 2019 and First Quarter 2020 groundwater monitoring and sampling events in November 2019 and January 2020. Based on the groundwater sampling results, MTBE concentrations remain above the corresponding ESL at MW-6 in Zone A and at V-14 in Zone B. However, the MTBE concentration at MW-19D, which was above the ESL in the Second Quarter 2019, decreased to below the ESL in Third Quarter 2019, Fourth Quarter 2019 and First Quarter 2020, thus defining the dissolved MTBE plume boundary in Zone B to the corresponding ESL to the north of V-14. The MTBE concentration in V-14 remains two to three orders of magnitude lower than the concentration in February 2018. BP will continue to monitor the deep monitoring wells and V-14 for plume stability in the Third Quarter 2020.

4.0 Remarks

The recommendations contained in this report represent Antea USA, Inc.'s professional opinions based upon the currently available information and accepted professional standards. This report is based upon a specific scope of work requested by the client. The contract between Antea USA, Inc. and its client outlines the scope of work, and only those tasks specifically authorized by that contract or outlined in this report were performed. This report is intended only for the use of Antea USA, Inc.'s client and anyone else specifically identified in writing by Antea USA, Inc. as a user of this report. Antea USA, Inc. will not and cannot be liable for unauthorized reliance by any other third party. Other than as contained in this paragraph, Antea USA, Inc. makes no express or implied warranty as to the contents of this report.

Prepared by

Katelynn Smith

Katelynn Smith, G.I.T.
Staff Professional

Reviewed by:

Hannah Mishriki

Hannah Mishriki, PE
Project Manager

Licensed Approver:



Regina Bussard, P.G.
Project Manager
California Registered Professional Geologist No. 8288
Antea Group

cc: GeoTracker (upload)

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Table 1
Soil Boring and Well Construction Details
ARCO Service Station No. 465
151 Southgate Avenue
Daly City, CA

Well I.D.	Completion Date	Boring Depth (feet bgs)	Well Diameter (inches)	Screen		Screen Length (feet)	Comments
				Top (feet bgs)	Bottom (feet bgs)		
Soil Borings							
SB-1	11/29/01	57.0	--	--	--	--	SECOR boring
SB-1A	07/19/05	71.5	--	--	--	--	URS boring
SB-2	07/18/05	71.5	--	--	--	--	
SB-3	07/15/05	81.5	--	--	--	--	
SB-4	09/29/05	55.0	--	--	--	--	Drilled from 9/28/05 - 9/29/05
SB-5	09/29/05	50.0	--	--	--	--	Drilled from 9/28/05 - 9/29/05
SB-7	09/27/05	60.0	--	--	--	--	Drilled from 9/26/05 - 9/27/05
SB-8	09/27/05	75.0	--	--	--	--	Drilled from 9/26/05 - 9/27/05
SB-9	09/27/05	60.0	--	--	--	--	Drilled from 9/26/05 - 9/27/05
SB-10	09/28/05	50.0	--	--	--	--	
SB-11	03/21/13	120.0	--	--	--	--	Drilled from 3/18/13 - 3/21/13
SB-12	03/25/13	102.0	--	--	--	--	Drilled from 3/18/13 - 3/25/13
SB-13	03/27/13	102.0	--	--	--	--	Drilled from 3/18/13 - 3/27/13
SB-14	01/08/15	130.0	--	--	--	--	
SB-15	12/10/14	180.5	--	--	--	--	Drilled from 12/10/14 - 1/8/15
SB-16	01/13/15	130.0	--	--	--	--	Drilled from 1/8/15 - 1/13/15
SB-17	01/14/15	130.0	--	--	--	--	Drilled from 1/8/15 - 1/14/15
SB-18	10/22/15	130.0	--	--	--	--	Drlled from 10/21/15 - 10/22/15
SB-19	11/04/15	130.0	--	--	--	--	Drlled from 11/3/15 - 11/4/15
SB-20	10/27/15	23.5	--	--	--	--	Refusal at 23.5 ft
SB-20B	10/28/15	23.5	--	--	--	--	Refusal at 23.5 ft
SB-20C	02/23/16	20.0	--	--	--	--	Refusal at 20 ft
SB-20D	05/17/16	131.0	--	--	--	--	Drilled from 5/10/16 - 5/17/16
SB-21	10/29/15	40.0	--	--	--	--	Drilled from 10/8/15 - 10/29/15
SB-22	10/29/15	35.0	--	--	--	--	Drilled from 10/8/15 - 10/29/15
SB-23	03/28/18	16.0	--	--	--	--	
SB-24	03/28/18	16.0	--	--	--	--	
SB-25	03/28/18	16.0	--	--	--	--	
SB-26	03/28/18	16.0	--	--	--	--	
SB-27	03/28/18	16.0	--	--	--	--	
SB-28	03/28/18	16.0	--	--	--	--	
SB-29	03/28/18	16.0	--	--	--	--	
SB-30	05/09/18	110.0	--	--	--	--	
SB-31	11/02/18	40.0	--	--	--	--	
SB-32	11/02/18	40.0	--	--	--	--	
MW-5A	04/03/03	85.0	--	--	--	--	
CSB-1	01/20/98	30.5	--	--	--	--	
CSB-2	01/21/98	30.5	--	--	--	--	
CSB-3	01/20/98	31.5	--	--	--	--	
CSB-4	01/21/98	55.5	--	--	--	--	
CSB-5	01/20/98	30.5	--	--	--	--	
CSB-6	01/20/98	55.5	--	--	--	--	
CPT-1	02/19/13	31.7	--	--	--	--	Cone penetration test soil boring
CPT-1A	02/19/13	47.9	--	--	--	--	Cone penetration test soil boring
CPT-3	02/20/13	53.3	--	--	--	--	Cone penetration test soil boring
HA-1	12/10/14	5.0	--	--	--	--	
HA-2	12/10/14	5.0	--	--	--	--	
HA-3	12/09/14	5.0	--	--	--	--	
HA-4	02/18/20	10.5	--	--	--	--	
HA-5	02/18/20	10.0	--	--	--	--	

Table 1
Soil Boring and Well Construction Details
ARCO Service Station No. 465
151 Southgate Avenue
Daly City, CA

Well I.D.	Completion Date	Boring Depth (feet bgs)	Well Diameter (inches)	Screen		Screen Length (feet)	Comments
				Top (feet bgs)	Bottom (feet bgs)		
Monitoring Wells							
MW-1	03/16/92	70.5	4	50.0	70.5	20.5	Destroyed 10/30/15
MW-1R	12/22/14	61.5	4	40.0	60.0	20.0	Bentonite 60 to 61.5 ft bgs, drilled from 12/9/14 - 12/22/14
MW-2	03/20/92	66.5	4	51.0	61.5	10.5	Bentenoite 61.5 to 66 ft bgs
MW-3D	08/05/92	220.0	4	202.0	220.0	18.0	Deep Monitoring Well, drilled from 7/23/92 - 8/5/92
MW-4	05/20/93	68.0	4	31.5	61.5	30.0	Cemented 61.5 to 68 ft bgs
MW-4D	02/04/15	161.5	4	140.0	160.0	20.0	Deep Monitoring Well, drilled from 1/26/01 - 2/4/01
MW-5	11/30/01	60.0	4	40.0	60.0	20.0	Deep SVE well
MW-5D	01/23/15	165.0	4	144.0	164.0	20.0	Deep Monitoring Well, drilled from 12/8/14 - 1/23/15
MW-6	11/30/01	60.0	4	38.0	60.0	22.0	
MW-6D	02/03/15	167.5	4	146.0	166.0	20.0	Deep Monitoring Well, drilled from 12/10/14 - 2/3/15
MW-7	08/28/08	61.5	2	45.0	60.0	15.0	Drilled from 8/27/08 - 8/28/08
MW-7D	01/20/15	161.5	4	140.0	160.0	20.0	Deep Monitoring Well, drilled 12/9/15 - 1/20/15
MW-8	08/29/08	59.0	2	41.0	56.0	15.0	Bentonite 56 to 59 ft bgs
MW-9	08/28/08	56.5	2	39.0	49.0	10.0	Bentonite 50 to 56.5 ft bgs
MW-9D	07/19/17	162.0	2	135.0	155.0	20.0	Bentonite 128 to 132.5 ft bgs; native 160 to 162 ft bgs
MW-10	06/29/11	60.0	4	40.0	60.0	20.0	
MW-11	06/30/11	70.0	4	30.0	50.0	20.0	Bentonite 50 to 70 ft bgs, destroyed 11/05/15
MW-11R	11/05/15	70.0	2	50.0	65.0	15.0	Redrill deepening of MW-11; bentonite 65 to 70 ft bgs
MW-12	06/28/11	58.5	4	38.5	58.5	19.0	
MW-13	01/07/15	80.5	2	17.0	32.0	15.0	Bentonite 34 to 80 ft bgs, drilled from 12/10/14 - 12/18/14
MW-14	01/06/15	80.5	2	38.0	58.0	20.0	Bentonite 58 to 80.5 ft bgs, drilled 1/5/15 - 1/6/15
MW-15	12/18/14	90.0	4	39.0	59.0	20.0	Bentonite 59 to 90 ft bgs, drilled from 12/10/14 - 12/18/14
MW-16	01/28/15	62.5	2	52.5	62.5	10.0	Drilled from 1/26/15 - 1/28/15
MW-16D	03/13/19	149.0	2	129.0	149.0	20.0	Drilled from 3/7/19 - 3/13/19
MW-17	01/28/15	60.0	2	48.0	58.0	10.0	Bentonite 58 to 60 ft bgs, drilled from 1/26/15 - 1/28/15
MW-18	10/26/15	64.5	2	54.5	64.5	10.0	
MW-18D	03/06/19	155.0	2	134.0	154.0	20.0	Drilled from 2/28/19 - 3/6/19; native 154 to 155 ft bgs
MW-19	05/17/16	62.5	2	52.5	62.5	10.0	Drilled from 5/10/16 - 5/17/16
MW-19D	02/25/19	145.0	2	125.0	145.0	20.0	Drilled from 2/20/19 - 2/25/19

Table 1
Soil Boring and Well Construction Details
ARCO Service Station No. 465
151 Southgate Avenue
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Well I.D.	Completion Date	Boring Depth (feet bgs)	Well Diameter (inches)	Screen		Screen Length (feet)	Comments
				Top (feet bgs)	Bottom (feet bgs)		
Vapor Extraction Wells							
V-1	03/17/92	31.0	4	15.0	30.5	15.5	
V-2	03/19/92	30.5	4	15.0	30.5	15.5	
V-3	03/17/92	31.0	4	15.0	30.5	15.5	Destroyed 8/29/2000
V-4	03/26/92	65.0	4	15.0	35.5	20.5	Bentonite 38 to 65 ft bgs
V-5	03/18/92	90.0	4	15.0	35.5	20.5	Cement 38-90 ft bgs
V-6	03/31/92	80.5	4	37.0	57.5	20.5	Bentonite 58.5 to 80.5 ft bgs
V-7	07/22/92	85.0	4	20.0	40.0	20.0	Bentonite 45 to 85 ft bgs
V-8	05/19/93	85.0	4	31.5	60.5	29.0	Cement 60.5 to 85 ft bgs
V-9	06/27/11	40.0	4	20.0	40.0	20.0	
V-10	06/29/11	36.0	4	16.0	36.0	20.0	
V-11	12/16/14	121.0	4	70.0	100.0	20.0	Bentonite 90 to 121 ft bgs, drilled from 12/14/14 - 12/16/14
V-12	10/15/15	90.0	4	70.0	90.0	20.0	Drilled from 10/7/15 - 10/15/15
V-13	10/13/15	90.0	4	70.0	90.0	20.0	Drilled from 10/8/15 - 10/13/15
V-14	05/09/16	91.5	4	70.0	90.0	20.0	Drilled from 5/9/16 - 5/12/16, bentonite from 90 to 91.5 ft bgs
Soil Vapor Probe							
SV-1S	06/07/11	5.5	0.75	5.25	5.75	0.5	Nested Soil Vapor Probe
SV-1D	06/07/11	10.0	0.75	9.25	9.75	0.5	Nested Soil Vapor Probe

Explanation

Wells are of poly-vinyl-chloride (PVC) construction

ft bgs = Feet Below ground surface

-- = Denotes unknown data or not applicable

Proposed soil boring SB-6 was not advanced per the April 5, 2006 Additional Soil and Groundwater Investigation Interim Report.

TABLE 2
Current Gauging and Analytical Data
ARCO Service Station No. 465
151 Southgate Avenue
Daly City, CA

Well I.D.	Date	GROUNDWATER ELEVATION DATA						GROUNDWATER ANALYTICAL DATA															
		TOC Elevation (ft)	Water Level Depth (ft)	LNAPL Depth (ft)	LNAPL Thickness (ft)	Water Level Elevation* (ft)	Qualifiers	GRO (ug/L)	DRO (ug/L)	Benzene (ug/L)	Toluene (ug/L)	Ethylbenzene (ug/L)	Xylene (Total) (ug/L)	MTBE (ug/L)	Naphthalene (ug/L)	Ethanol (ug/L)	TBA (ug/L)	DIPE (ug/L)	ETBE (ug/L)	TAME (ug/L)	1,2-DCA (ug/L)	EDB (ug/L)	Stoddard Solvent (ug/L)
MW-1R	11/4/2019	98.90	53.90	NP	--	45.00	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-1R	1/20/2020	98.90	53.82	NP	--	45.08	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-1R	1/21/2020	98.90	--	--	--	--	NG	< 50	--	< 0.50	< 0.50	< 0.50	< 1.0	< 0.50	< 1.0	< 150	< 10	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 48
MW-2	11/4/2019	99.38	54.49	NP	--	44.89	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-2	1/20/2020	99.38	54.42	NP	--	44.96	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-2	1/23/2020	99.38	--	--	--	--	NG	< 50	--	< 0.50	< 0.50	< 0.50	< 1.0	< 0.50	< 1.0	< 150	< 10	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 48
MW-3D	11/4/2019	102.49	136.61	NP	--	-34.12	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-3D	1/20/2020	102.49	132.93	NP	--	-30.44	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-3D	1/24/2020	102.49	--	--	--	--	NG	< 50	--	< 0.50	< 0.50	< 0.50	< 1.0	**2.6**	< 1.0	< 150	< 10	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 48
MW-4	11/4/2019	100.87	55.99	NP	--	44.88	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-4	1/20/2020	100.87	55.90	NP	--	44.97	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-4	1/23/2020	100.87	--	--	--	--	NG	< 50	--	< 0.50	< 0.50	< 0.50	< 1.0	< 0.50	< 1.0	< 150	< 10	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 47
MW-4D	11/4/2019	100.61	129.19	NP	--	-28.58	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-4D	1/20/2020	100.61	127.80	NP	--	-27.19	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-4D	1/23/2020	100.61	--	--	--	--	NG	< 50	--	< 0.50	< 0.50	< 0.50	< 1.0	< 0.50	< 1.0	< 150	< 10	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 48
MW-5	11/4/2019	103.25 ^	58.85	NP	--	44.40	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-5	1/20/2020	103.25 ^	58.83	NP	--	44.42	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-5D	11/4/2019	104.20	132.57	NP	--	-28.37	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-5D	1/20/2020	104.20	131.19	NP	--	-26.99	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-5D	1/23/2020	104.20	--	--	--	--	NG	< 50	--	< 0.50	< 0.50	< 0.50	< 1.0	< 0.50	< 1.0	< 150	< 10	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 48
MW-6	11/4/2019	102.33	57.68	NP	--	44.65	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-6	1/20/2020	102.33	57.64	NP	--	44.69	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-6	1/24/2020	102.33	--	--	--	--	NG	< 50	--	< 0.50	< 0.50	< 0.50	< 1.0	**67**	< 1.0	< 150	**240**	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 48
MW-6D	11/4/2019	104.52	132.83	NP	--	-28.31	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-6D	1/20/2020	104.52	131.47	NP	--	-26.95	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-6D	1/21/2020	104.52	--	--	--	--	NG	< 50	--	< 0.50	< 0.50	< 0.50	< 1.0	< 0.50	< 1.0	< 150	< 10	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 48
MW-7	11/4/2019	98.15	53.10	NP	--	45.05	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-7	1/20/2020	98.15	53.05	NP	--	45.10	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-7	1/23/2020	98.15	--	--	--	--	NG	< 50	--	< 0.50	< 0.50	< 0.50	< 1.0	< 0.50	< 1.0	< 150	< 10	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 47
MW-7D	11/4/2019	99.29	128.11	NP	--	-28.82	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-7D	1/20/2020	99.29	126.73	NP	--	-27.44	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-7D	1/22/2020	99.29	--	--	--	--	NG	< 50	--	< 0.50	< 0.50	< 0.50	< 1.0	< 0.50	< 1.0	< 150	< 10	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 48
MW-8	11/4/2019	97.48	52.39	NP	--	45.09	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-8	1/20/2020	97.48	52.38	NP	--	45.10	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-8	1/24/2020	97.48	--	--	--	--	NG	< 50	--	< 0.50	< 0.50	< 0.50	< 1.0	< 0.50	< 1.0	< 150	< 10	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 48

TABLE 2
Current Gauging and Analytical Data
ARCO Service Station No. 465
151 Southgate Avenue
Daly City, CA

Well I.D.	Date	GROUNDWATER ELEVATION DATA						GROUNDWATER ANALYTICAL DATA															
		TOC Elevation (ft)	Water Level Depth (ft)	LNAPL Depth (ft)	LNAPL Thickness (ft)	Water Level Elevation* (ft)	Qualifiers	GRO (ug/L)	DRO (ug/L)	Benzene (ug/L)	Toluene (ug/L)	Ethylbenzene (ug/L)	Xylene (Total) (ug/L)	MTBE (ug/L)	Naphthalene (ug/L)	Ethanol (ug/L)	TBA (ug/L)	DIPE (ug/L)	ETBE (ug/L)	TAME (ug/L)	1,2-DCA (ug/L)	EDB (ug/L)	Stoddard Solvent (ug/L)
MW-9	11/4/2019	95.15	44.74	NP	--	50.41	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-9	1/20/2020	95.15	45.52	NP	--	49.63	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-9	1/22/2020	95.15	--	--	--	--	NG	< 50	--	< 0.50	< 0.50	< 0.50	< 1.0	< 0.50	< 1.0	< 150	< 10	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 48
MW-9D	11/4/2019	95.45	123.65	NP	--	-28.20	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-9D	1/20/2020	95.45	122.13	NP	--	-26.68	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-9D	1/22/2020	95.45	--	--	--	--	NG	< 50	--	< 0.50	< 0.50	< 0.50	< 1.0	< 0.50	< 1.0	< 150	< 10	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 48
MW-10	11/4/2019	103.29	58.85	NP	--	44.44	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-10	1/20/2020	103.29	58.84	NP	--	44.45	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-11R	11/4/2019	104.89	64.66	NP	--	40.23	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-11R	1/20/2020	104.89	64.44	NP	--	40.45	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-12	11/4/2019	100.15	56.30	NP	--	43.85	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-12	1/20/2020	100.15	56.08	NP	--	44.07	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-12	1/21/2020	100.15	--	--	--	--	NG	< 50	--	< 0.50	< 0.50	< 0.50	< 1.0	< 0.50	< 1.0	< 150	< 10	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 48
MW-13	11/4/2019	102.68	32.04	NP	--	70.64	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-13	1/20/2020	102.68	--	--	--	--	Dry	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-14	11/4/2019	102.99	--	--	--	--	Dry	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-14	1/20/2020	102.99	--	--	--	--	Dry	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
								--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-15	11/4/2019	105.23	58.58	NP	--	46.65	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-15	1/20/2020	105.23	58.66	NP	--	46.57	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
								--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-16	11/4/2019	106.79	49.07	NP	--	57.72	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-16	1/20/2020	106.79	49.00	NP	--	57.79	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-16	1/23/2020	106.79	--	--	--	--	NG	< 50	--	< 0.50	< 0.50	< 0.50	< 1.0	< 0.50	< 1.0	< 150	< 10	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 48
MW-16D	11/4/2019	108.16	135.96	NP	--	-27.80	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-16D	11/5/2019	108.16	--	--	--	--	NG	< 50	--	< 0.50	< 0.50	< 0.50	< 1.0	< 0.50	< 1.0	< 150	< 10	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 47
MW-16D	1/20/2020	108.16	134.61	NP	--	-26.45	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-16D	1/21/2020	108.16	--	--	--	--	NG	< 50LR	--	< 0.50	< 0.50	< 0.50	< 1.0	< 0.50	< 1.0	< 150	< 10	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 48
MW-17	11/4/2019	98.91	53.80	NP	--	45.11	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-17	1/20/2020	98.91	53.72	NP	--	45.19	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-18	11/4/2019	111.44	51.10	NP	--	60.34	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-18	1/20/2020	111.44	51.66	NP	--	59.78	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-18	1/22/2020	111.44	--	--	--	--	NG	< 50LR	--	< 0.50	< 0.50	< 0.50	< 1.0	< 0.50	< 1.0	< 150	< 10	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 48
MW-18D	11/4/2019	111.38	139.21	NP	--	-27.83	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-18D	11/5/2019	111.38	--	--	--	--	NG	< 50	--	< 0.50	< 0.50	< 0.50	< 1.0	< 0.50	< 1.0	< 150	< 10	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 48
MW-18D	1/20/2020	111.38	137.97	NP	--	-26.59	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-18D	1/22/2020	111.38	--	--	--	--	NG	< 50	--	< 0.50	< 0.50	< 0.50	< 1.0	< 0.50	< 1.0	< 150	< 10	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 48

TABLE 2
Current Gauging and Analytical Data
ARCO Service Station No. 465
151 Southgate Avenue
Daly City, CA

Well I.D.	Date	GROUNDWATER ELEVATION DATA						GROUNDWATER ANALYTICAL DATA															
		TOC Elevation (ft)	Water Level Depth (ft)	LNAPL Depth (ft)	LNAPL Thickness (ft)	Water Level Elevation* (ft)	Qualifiers	GRO (ug/L)	DRO (ug/L)	Benzene (ug/L)	Toluene (ug/L)	Ethylbenzene (ug/L)	Xylene (Total) (ug/L)	MTBE (ug/L)	Naphthalene (ug/L)	Ethanol (ug/L)	TBA (ug/L)	DIPE (ug/L)	ETBE (ug/L)	TAME (ug/L)	1,2-DCA (ug/L)	EDB (ug/L)	Stoddard Solvent (ug/L)
MW-19	11/4/2019	104.36	48.79	NP	--	55.57	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-19	1/20/2020	104.36	56.70	NP	--	47.66	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-19	1/24/2020	104.36	--	--	--	--	NG	< 50	--	< 0.50	< 0.50	< 0.50	< 1.0	< 0.50	< 1.0	< 150	< 10	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 47
MW-19D	11/4/2019	105.36	133.36	NP	--	-28.00	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-19D	11/6/2019	105.36	--	--	--	--	NG	< 50	--	< 0.50	< 0.50	< 0.50	< 1.0	< 0.50	< 1.0	< 150	< 10	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 48
MW-19D	1/20/2020	105.36	139.97	NP	--	-34.61	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-19D	1/24/2020	105.36	--	--	--	--	NG	< 50	--	< 0.50	< 0.50	< 0.50	< 1.0	< 0.50	< 1.0	< 150	< 10	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 47
MW-19D	3/10/2020	105.36	131.43	NP	--	-26.07	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
V-1	11/4/2019	101.61	--	--	--	--	Dry	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
V-1	1/20/2020	101.61	--	--	--	--	Dry	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
								--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
V-2	11/4/2019	99.22	--	--	--	--	Dry	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
V-2	1/20/2020	99.22	--	--	--	--	Dry	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
								--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
V-4	11/4/2019	102.84	--	--	--	--	Dry	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
V-4	1/20/2020	102.84	34.15	NP	--	68.69	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
V-5	11/4/2019	102.77	33.36	NP	--	69.41	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
V-5	1/20/2020	102.77	33.36	NP	--	69.41	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
V-6	11/4/2019	102.18	56.45	NP	--	45.73	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
V-6	1/20/2020	102.18	56.44	NP	--	45.74	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
V-7	11/4/2019	102.30	41.64	NP	--	60.66	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
V-7	1/20/2020	102.30	41.81	NP	--	60.49	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
								--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
V-8	11/4/2019	101.30	56.42	NP	--	44.88	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
V-8	1/20/2020	101.30	56.33	NP	--	44.97	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
V-8	1/22/2020	101.30	--	--	--	--	NG	< 50LR	--	< 0.50	< 0.50	< 0.50	< 1.0	< 0.50	< 1.0	< 150	< 10	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 47
V-9	11/4/2019	101.16	39.36	NP	--	61.80	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
V-9	1/20/2020	101.16	39.35	NP	--	61.81	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
V-10	11/4/2019	103.59	34.75	NP	--	68.84	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
V-10	1/20/2020	103.59	34.47	NP	--	69.12	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

TABLE 2
Current Gauging and Analytical Data
ARCO Service Station No. 465
151 Southgate Avenue
Daly City, CA

Well I.D.	Date	GROUNDWATER ELEVATION DATA						GROUNDWATER ANALYTICAL DATA															
		TOC Elevation (ft)	Water Level Depth (ft)	LNAPL Depth (ft)	LNAPL Thickness (ft)	Water Level Elevation* (ft)	Qualifiers	GRO (ug/L)	DRO (ug/L)	Benzene (ug/L)	Toluene (ug/L)	Ethylbenzene (ug/L)	Xylene (Total) (ug/L)	MTBE (ug/L)	Naphthalene (ug/L)	Ethanol (ug/L)	TBA (ug/L)	DIPE (ug/L)	ETBE (ug/L)	TAME (ug/L)	1,2-DCA (ug/L)	EDB (ug/L)	Stoddard Solvent (ug/L)
V-11	11/4/2019	104.04	99.24	NP	--	4.80	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
V-11	1/20/2020	104.04	99.26	NP	--	4.78	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
								--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
V-12	11/4/2019	105.33	89.11	NP	--	16.22	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
V-12	1/20/2020	105.33	89.73	NP	--	15.60	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
V-13	11/4/2019	102.90	89.23	NP	--	13.67	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
V-13	1/20/2020	102.90	89.20	NP	--	13.70	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
V-14	11/4/2019	107.81	89.85	NP	--	17.96	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
V-14	11/5/2019	107.81	--	--	--	--	NG	< 50	--	< 0.50	< 0.50	< 0.50	< 1.0	**1.5**	< 1.0	< 150	< 10	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 47
V-14	1/20/2020	107.81	88.67	NP	--	19.14	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
V-14	1/23/2020	107.81	--	--	--	--	NG	< 50	--	< 0.50	< 0.50	< 0.50	< 1.0	**31**	< 1.0	< 150	**56**	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 48

Notes:
TOC = Top of Casing
ft = feet
NP = No Product
LNAPL = Light Non=Aqueous Phase Liquid
* = Corrected for LNAPL if present (assumes LNAPL specific gravity = 0.75)
-- = No Information Available
Results in **bold** exceed the reporting detection limit
ug/L = micrograms per liter
< = Not detected at or above indicated laboratory reporting limit
^ = TOC elevation changed to match August 24, 2017 survey data

GRO = Gasoline Range Organics
DRO = Diesel Range Organics
MTBE = Methyl tertiary butly ether
TBA = tertiary-Butyl Alcohol
DIPE = Diisopropyl ether
ETBE = Ethyl-tert-butyl ether
TAME = tert-Amylmethyl ether
1,2-DCA = 1,2-Dichloroethane
EDB = 1,2-Dibromoethane
NG = Not Gauged
LR = LCS/LCSD recovery above method control limits

TABLE 3
Historical Gauging and Analytical Data
ARCO Service Station No. 465
151 Southgate Avenue
Daly City, CA

Well I.D.	Date	GROUNDWATER ELEVATION DATA						GROUNDWATER ANALYTICAL DATA															
		TOC Elevation (ft)	Water Level Depth (ft)	LNAPL Depth (ft)	LNAPL Thickness (ft)	Water Level Elevation* (ft)	Qualifiers	GRO (ug/L)	DRO (ug/L)	Benzene (ug/L)	Toluene (ug/L)	Ethylbenzene (ug/L)	Xylene (Total) (ug/L)	MTBE (ug/L)	Naphthalene (ug/L)	Ethanol (ug/L)	TBA (ug/L)	DIPE (ug/L)	ETBE (ug/L)	TAME (ug/L)	1,2-DCA (ug/L)	EDB (ug/L)	Stoddard Solvent (ug/L)
MW-1	4/1/1992	98.90	55.00	NP	--	43.90	--	**28000**	--	**5300**	**190**	**63**	**4800**	--	--	--	--	--	--	--	--	--	--
MW-1	12/1/1992	98.90	55.10	NP	--	43.80	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-1	12/9/1992	--	--	--	--	--	--	**2500**	--	**920**	< 0.5	< 0.5	**340**	--	--	--	--	--	--	--	--	--	--
MW-1	3/1/1993	98.90	55.36	NP	--	43.54	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-1	3/12/1993	--	--	--	--	--	--	**3200**	--	**820**	< 0.5	< 0.5	**320**	--	--	--	--	--	--	--	--	--	--
MW-1	6/1/1993	98.90	55.31	NP	--	43.59	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-1	6/6/1993	--	--	--	--	--	--	**8700**	--	**660**	< 0.5	< 0.5	**230**	--	--	--	--	--	--	--	--	--	--
MW-1	8/1/1993	98.90	55.36	NP	--	43.54	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-1	8/31/1993	--	--	--	--	--	--	**1500**	--	**450**	< 0.5	< 0.5	**120**	--	--	--	--	--	--	--	--	--	--
MW-1	11/1/1993	98.90	55.06	NP	--	43.84	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-1	11/10/1993	--	--	--	--	--	--	**640**	--	**270**	**2.8**	< 0.5	**69**	--	--	--	--	--	--	--	--	--	--
MW-1	3/1/1994	98.90	55.08	NP	--	43.82	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-1	3/4/1994	--	--	--	--	--	--	**340**	--	**84**	< 0.5	< 0.5	**8.5**	--	--	--	--	--	--	--	--	--	--
MW-1	4/1/1994	98.90	54.94	NP	--	43.96	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-1	4/19/1994	--	--	--	--	--	--	**520**	--	**130**	< 0.5	< 0.5	**12**	--	--	--	--	--	--	--	--	--	--
MW-1	8/1/1994	98.90	54.91	NP	--	43.99	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-1	8/6/1994	--	--	--	--	--	--	**170**	--	**47**	< 0.5	< 0.5	**3**	--	--	--	--	--	--	--	--	--	--
MW-1	12/1/1994	98.90	55.04	NP	--	43.86	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-1	12/11/1994	--	--	--	--	--	--	< 50	--	**7.7**	< 0.5	< 0.5	< 0.5	--	--	--	--	--	--	--	--	--	--
MW-1	3/1/1995	98.90	54.21	NP	--	44.69	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-1	3/20/1995	--	--	--	--	--	--	< 50	--	**4.9**	< 0.5	< 0.5	**0.7**	--	--	--	--	--	--	--	--	--	--
MW-1	5/1/1995	98.90	54.81	NP	--	44.09	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-1	5/24/1995	--	--	--	--	--	--	< 50	--	< 0.5	< 0.5	< 0.5	< 0.5	--	--	--	--	--	--	--	--	--	--
MW-1	8/1/1995	98.90	54.05	NP	--	44.85	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-1	8/18/1995	--	--	--	--	--	--	< 50	--	< 0.5	< 0.5	< 0.5	< 0.5	< 2.5	--	--	--	--	--	--	--	--	--
MW-1	11/1/1995	98.90	54.59	NP	--	44.31	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-1	11/14/1995	--	--	--	--	--	--	< 50	--	< 0.5	< 0.5	< 0.5	< 0.5	--	--	--	--	--	--	--	--	--	--
MW-1	3/30/1996	98.90	54.36	NP	--	44.54	--	< 50	--	< 0.50	< 0.50	< 0.50	< 0.50	< 2.5	--	--	--	--	--	--	--	--	--
MW-1	6/25/1996	98.90	54.59	NP	--	44.31	--	< 50	--	< 0.50	< 0.50	< 0.50	< 0.50	< 2.5	--	--	--	--	--	--	--	--	--
MW-1	9/27/1996	98.90	54.22	NP	--	44.68	--	< 50	--	**0.60**	< 0.50	< 0.50	< 0.50	< 2.5	--	--	--	--	--	--	--	--	--
MW-1	12/14/1996	98.90	54.18	NP	--	44.72	--	< 50	--	**0.66**	< 0.50	< 0.50	< 0.50	< 2.5	--	--	--	--	--	--	--	--	--
MW-1	5/5/1997	98.90	54.15	NP	--	44.75	DNP	< 50	--	< 0.50	< 0.50	< 0.50	< 0.50	< 2.5	--	--	--	--	--	--	--	--	--
MW-1	7/11/1997	98.90	54.07	NP	--	44.83	DNP	< 50	--	< 0.50	< 0.50	< 0.50	< 0.50	< 3.0	--	--	--	--	--	--	--	--	--
MW-1	9/18/1997	98.90	54.10	NP	--	44.80	DNP	< 50	--	< 0.50	< 0.50	< 0.50	< 0.50	< 3.0	--	--	--	--	--	--	--	--	--
MW-1	12/4/1997	98.90	54.05	NP	--	44.85	DNP	< 50	--	< 0.50	< 0.50	< 0.50	< 0.50	< 3.0	--	--	--	--	--	--	--	--	--
MW-1	3/11/1998	98.90	54.06	NP	--	44.84	DNP	< 50	--	< 0.50	< 0.50	< 0.50	**0.50**	< 3.0	--	--	--	--	--	--	--	--	--
MW-1	6/29/1998	98.90	54.01	NP	--	44.89	DNP	< 50	--	< 0.50	< 0.50	< 0.50	< 0.50	< 3.0	--	--	--	--	--	--	--	--	--
MW-1	9/15/1998	98.90	53.91	NP	--	44.99	DNP	< 50	--	**0.50**	**0.90**	< 0.50	**1.4**	< 3.0	--	--	--	--	--	--	--	--	--
MW-1	12/16/1998	98.90	53.86	NP	--	45.04	DNP	< 50	--	< 0.50	< 0.50	< 0.50	< 0.50	**3**	--	--	--	--	--	--	--	--	--
MW-1	2/15/1999	98.90	53.82	NP	--	45.08	DNP	< 50	--	< 0.50	< 0.50	< 0.50	< 0.50	< 3.0	--	--	--	--	--	--	--	--	--
MW-1	5/17/1999	98.90	53.91	NP	--	44.99	DNP	< 50	--	< 0.50	< 0.50	< 0.50	< 0.50	**990**	--	--	--	--	--	--	--	--	--
MW-1	8/9/1999	98.90	53.88	NP	--	45.02	DNP	< 50	--	< 0.50	**0.50**	< 0.50	< 0.50	< 3.0	--	--	--	--	--	--	--	--	--
MW-1	12/2/1999	98.90	54.05	NP	--	44.85	DNP	< 50	--	< 0.50	< 0.50	< 0.50	< 0.50	< 3.0	--	--	--	--	--	--	--	--	--
MW-1	3/22/2000	98.90	54.11	NP	--	44.79	DNP	< 50	--	< 0.50	**1.7**	< 0.50	**1.5**	< 3.0	--	--	--	--	--	--	--	--	--
MW-1	4/28/2000	98.90	54.16	NP	--	44.74	DNP	< 50	--	< 0.50	< 0.50	< 0.50	< 1.0	< 3.0	--	--	--	--	--	--	--	--	--
MW-1	9/21/2000	98.90	--	--	--	--	WI	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-1	11/2/2000	99.63	54.59	NP	--	45.04	DNP, j	< 50	--	< 0.50	**0.953**	< 0.50	< 0.50	< 5.0	--	--	--	--	--	--	--	--	--
MW-1	2/13/2001	99.63	54.51	NP	--	45.12	DNP	< 50	--	< 0.50	< 0.50	< 0.50	< 0.50	< 1.0	--	--	--	--	--	--	--	--	--
MW-1	6/21/2001	99.63	54.49	NP	--	45.14	DNP	< 50	--	< 0.50	< 0.50	< 0.50	< 0.50	**21**	--	--	--	--	--	--	--	--	--
MW-1	12/31/2001	99.63	54.70	NP	--	44.93	DNP	< 50	--	< 0.50	< 0.50	< 0.50	< 0.50	**4.8**	--	--	--	--	--	--	--	--	--
MW-1	3/18/2002	99.63	54.72	NP	--	44.91	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-1	6/27/2002	99.63	54.63	NP	--	45.00	DNP	< 50	--	< 0.50	< 0.50	< 0.50	< 0.50	**16**	--	--	--	--	--	--	--	--	--
MW-1	9/25/2002	99.63	54.60	NP	--	45.03	DNP, g	< 50	--	**0.65**	**3.1**	< 0.50	**1.2**	**37**	--	--	--	--	--	--	--	--	< 48

TABLE 3
Historical Gauging and Analytical Data
ARCO Service Station No. 465
151 Southgate Avenue
Daly City, CA

Well I.D.	Date	GROUNDWATER ELEVATION DATA						GROUNDWATER ANALYTICAL DATA															
		TOC Elevation (ft)	Water Level Depth (ft)	LNAPL Depth (ft)	LNAPL Thickness (ft)	Water Level Elevation* (ft)	Qualifiers	GRO (ug/L)	DRO (ug/L)	Benzene (ug/L)	Toluene (ug/L)	Ethylbenzene (ug/L)	Xylene (Total) (ug/L)	MTBE (ug/L)	Naphthalene (ug/L)	Ethanol (ug/L)	TBA (ug/L)	DIPE (ug/L)	ETBE (ug/L)	TAME (ug/L)	1,2-DCA (ug/L)	EDB (ug/L)	Stoddard Solvent (ug/L)
MW-1	12/13/2002	99.63	54.60	NP	--	45.03	DNP, g	< 50	--	< 0.50	< 0.50	< 0.50	< 0.50	**6.8**	--	--	--	--	--	--	--	--	< 47
MW-1	3/28/2003	99.63	54.62	NP	--	45.01	DNP	< 50	--	< 0.50	< 0.50	< 0.50	< 0.50	**7**	--	< 100	< 20	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	--
MW-1	3/31/2003	99.63	54.57	NP	--	45.06	g	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	< 49
MW-1	5/6/2003	99.63	54.51	NP	--	45.12	g	< 50	--	< 0.50	< 0.50	< 0.50	< 0.50	**6.5**	--	< 100	< 20	< 0.50	< 0.50	< 0.50	--	--	< 47
MW-1	7/22/2003	99.63	54.60	NP	--	45.03	g	< 50	--	< 0.50	< 0.50	< 0.50	< 0.50	**7.9**	--	< 100	< 20	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 51
MW-1	10/21/2003	99.63	54.68	NP	--	44.95	DNP	< 50	**150**	< 0.50	**3.4**	< 0.50	**2.6**	**22**	--	< 100	< 20	< 0.50	< 0.50	< 0.50	--	--	**62**
MW-1	2/3/2004	99.63	54.62	NP	--	45.01	DNP	< 50	--	< 0.50	< 0.50	< 0.50	< 0.50	**8.1**	--	< 100	< 20	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 49
MW-1	4/14/2004	99.63	54.64	NP	--	44.99	DNP, m	72 N	--	< 2.5	< 2.5	< 2.5	< 2.5	**96**	--	< 500	< 100	< 5.0	< 5.0	< 5.0	< 2.5	< 2.5	< 47
MW-1	7/20/2004	99.63	54.56	NP	--	45.07	DNP	**70**	--	< 0.50	< 0.50	< 0.50	< 0.50	**56**	--	**120**	< 20	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 50
MW-1	10/29/2004	99.63	54.39	NP	--	45.24	DNP	< 250	**56**	< 2.5	**16**	< 2.5	**13**	**200**	--	< 500	< 100	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5	< 50
MW-1	1/11/2005	99.63	54.36	NP	--	45.27	DNP	< 500	--	< 5.0	< 5.0	< 5.0	< 5.0	**130**	--	< 1000	< 200	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 49
MW-1	5/3/2005	99.63	54.40	NP	--	45.23	DNP	< 250	--	< 2.5	< 2.5	< 2.5	< 2.5	**200**	--	< 500	< 100	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5	< 50
MW-1	8/3/2005	99.63	54.14	NP	--	45.49	DNP	**1100**	--	**6.9**	**7.9**	**22**	**110**	**270**	--	< 1000	< 200	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 50
MW-1	10/28/2005	99.63	54.00	NP	--	45.63	DNP	< 500	--	< 5.0	**13**	< 5.0	**29**	**310**	--	< 1000	< 200	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 49
MW-1	1/11/2006	99.63	54.15	NP	--	45.48	DNP	< 250	--	< 2.5	< 2.5	< 2.5	< 2.5	**250**	--	< 1500	< 100	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5	< 48
MW-1	4/17/2006	99.63	54.11	NP	--	45.52	DNP	**360**	--	< 0.50	< 0.50	< 0.50	< 0.50	**700**	--	< 300	< 20	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 48
MW-1	7/18/2006	99.63	53.92	NP	--	45.71	DNP	**570**	--	< 10	< 10	< 10	< 10	**780**	--	< 6000	< 400	< 10	< 10	< 10	< 10	< 10	< 47
MW-1	11/13/2006	99.63	53.86	NP	--	45.77	--	**480**	--	< 5.0	< 5.0	< 5.0	< 5.0	**890**	--	< 3000	< 200	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 48
MW-1	1/12/2007	99.63	53.81	NP	--	45.82	DNP	**540**	--	< 5.0	< 5.0	< 5.0	< 5.0	**1000**	--	< 3000	< 200	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 48
MW-1	4/16/2007	99.63	53.84	NP	--	45.79	Past hold time (SS), DNP	570 N	--	< 5.0	< 5.0	< 5.0	< 5.0	**800**	--	< 3000	< 200	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 49
MW-1	7/6/2007	99.63	54.04	NP	--	45.59	DNP	380 N	--	< 2.5	< 2.5	< 2.5	< 2.5	**510**	--	< 1500	< 100	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5	< 47
MW-1	10/4/2007	99.63	54.21	NP	--	45.42	DNP	260 N	--	< 2.5	< 2.5	< 2.5	< 2.5	**450**	--	< 1500	< 100	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5	< 47
MW-1	1/21/2008	99.63	54.33	NP	--	45.30	DNP	< 500	--	< 5.0	< 5.0	< 5.0	< 5.0	**250**	--	< 3000	< 200	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 50
MW-1	4/17/2008	99.63	54.50	NP	--	45.13	DNP	< 50	--	< 0.50	< 0.50	< 0.50	< 0.50	**190**	--	< 300	**15**	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 50
MW-1	7/10/2008	99.63	54.45	NP	--	45.18	DNP	< 50	--	< 2.5	< 2.5	< 2.5	< 2.5	**95**	--	< 1500	< 50	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5	< 50
MW-1	10/16/2008	99.58	54.52	NP	--	45.06	DNP	< 50	--	< 2.0	< 2.0	< 2.0	< 2.0	**80**	--	< 1200	< 40	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	98 N
MW-1	1/22/2009	99.58	54.54	NP	--	45.04	DNP	< 50	--	< 2.0	< 2.0	< 2.0	**3.5**	**40**	--	< 1200	< 40	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 50
MW-1	4/22/2009	99.58	54.61	NP	--	44.97	DNP	< 50	--	< 0.50	< 0.50	< 0.50	< 0.50	**18**	--	< 300	< 10	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 50
MW-1	7/27/2009	99.58	54.75	NP	--	44.83	DNP	< 50	--	< 0.50	< 0.50	< 0.50	< 0.50	**15**	--	< 300	< 10	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 50
MW-1	10/30/2009	99.58	54.80	NP	--	44.78	DNP	< 50	--	< 0.50	< 0.50	< 0.50	< 0.50	**8.7**	--	< 300	< 10	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 50
MW-1	4/23/2010	99.58	54.89	NP	--	44.69	--	< 50	--	< 0.50	< 0.50	< 0.50	**0.92**	**5.4**	--	< 300	< 10	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	--
MW-1	10/28/2010	99.58	54.72	NP	--	44.86	Grab sample, DNP	< 50	--	< 0.50	< 0.50	< 0.50	< 0.50	**4.7**	--	< 300	< 10	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 50
MW-1	4/11/2011	99.58	54.87	NP	--	44.71	DNP	< 50	--	< 0.50	< 0.50	< 0.50	< 0.50	**2.1**	--	< 300	< 10	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 50
MW-1	10/24/2011	99.28	54.49	NP	--	44.79	--	< 50	--	< 0.50	< 0.50	< 0.50	< 0.50	**4.7**	--	< 300	< 10	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 50
MW-1	4/4/2012	99.28	54.45	NP	--	44.83	DNP	< 50	--	< 0.50	< 0.50	< 0.50	< 0.50	**0.93**	--	< 300	< 10	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 50
MW-1	7/25/2012	99.28	54.73	NP	--	44.55	SV, DNP, Grab sample	< 50	--	< 0.50	< 0.50	< 0.50	< 1.0	**1.2**	--	< 150	< 10	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 47
MW-1	10/3/2012	99.28	54.80	NP	--	44.48	SV, DNP	< 50	--	< 0.50	< 0.50	< 0.50	< 1.0	**4.8**	--	< 150	< 10	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 48
MW-1	1/14/2013	99.28	55.00	NP	--	44.28	SV, DNP	< 50	--	< 0.50	< 0.50	< 0.50	< 1.0	**3.3**	--	< 150	< 10	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 48
MW-1	4/1/2013	99.28	55.50	NP	--	43.78	SV, DNP	< 50	--	< 0.50	< 0.50	< 0.50	< 1.0	**3.5**	--	--	< 10	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 47
MW-1	7/25/2013	99.28	55.57	NP	--	43.71	MD	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-1	7/26/2013	99.28	--	--	--	--	SV, DNP, Grab sample	< 50	--	< 0.50	< 0.50	< 0.50	< 1.0	**0.88**	--	< 150	< 10	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 48
MW-1	10/29/2013	99.28	55.10	NP	--	44.18	SV	< 50	--	< 0.50	< 0.50	< 0.50	< 1.0	**1.8**	--	< 150	< 10	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 48
MW-1	1/21/2014	99.28	55.22	NP	--	44.06	MD	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-1	1/22/2014	99.28	--	--	--	--	SV	< 50	--	< 0.50	< 0.50	< 0.50	< 1.0	**5.0**	--	--	< 10	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 48
MW-1	2/9/2015	99.28	55.71	NP	--	43.57	MD	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

TABLE 3
Historical Gauging and Analytical Data
ARCO Service Station No. 465
151 Southgate Avenue
Daly City, CA

Well I.D.	Date	GROUNDWATER ELEVATION DATA						GROUNDWATER ANALYTICAL DATA															
		TOC Elevation (ft)	Water Level Depth (ft)	LNAPL Depth (ft)	LNAPL Thickness (ft)	Water Level Elevation* (ft)	Qualifiers	GRO (ug/L)	DRO (ug/L)	Benzene (ug/L)	Toluene (ug/L)	Ethylbenzene (ug/L)	Xylene (Total) (ug/L)	MTBE (ug/L)	Naphthalene (ug/L)	Ethanol (ug/L)	TBA (ug/L)	DIPE (ug/L)	ETBE (ug/L)	TAME (ug/L)	1,2-DCA (ug/L)	EDB (ug/L)	Stoddard Solvent (ug/L)
MW-1	2/12/2015	99.28	--	--	--	--	NG, Grab sample, DNP	< 50	--	< 0.50	< 0.50	< 0.50	< 1.0	**2.7**	--	--	< 10	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 51
MW-1	8/26/2019	99.28	58.83	NP	--	40.45	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-1R	2/9/2015	98.90	55.00	NP	--	43.90	MD	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-1R	2/13/2015	--	--	--	--	--	--	< 50	--	< 0.50	< 0.50	< 0.50	< 1.0	< 0.50	--	--	< 10	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 51
MW-1R	9/14/2015	98.90	55.10	NP	--	43.80	--	< 50	--	< 0.50	< 0.50	< 0.50	< 1.0	< 0.50	--	< 150	< 10	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 47
MW-1R	2/8/2016	98.90	54.50	NP	--	44.40	MD	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-1R	2/10/2016	--	--	--	--	--	--	< 50	--	< 0.50	< 0.50	< 0.50	< 1.0	< 0.50	--	--	< 10	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 47
MW-1R	7/25/2016	98.90	54.09	NP	--	44.81	MD	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-1R	7/26/2016	--	--	--	--	--	--	< 50	--	< 0.50	< 0.50	< 0.50	< 1.0	< 0.50	< 1.0	< 150	< 10	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 50
MW-1R	9/6/2017	98.90	53.58	NP	--	45.32	--	< 50	--	< 0.50	< 0.50	< 0.50	< 1.0	< 0.50	< 1.0	< 150	< 10	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 48
MW-1R	2/13/2018	98.90	53.30	NP	--	45.60	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-1R	2/15/2018	--	--	--	--	--	--	< 50	--	< 0.50	< 0.50	< 0.50	< 1.0	< 0.50	< 1.0	< 150	< 10	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 49
MW-1R	4/24/2018	98.90	53.27	NP	--	45.63	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-1R	9/28/2018	98.90	53.47	NP	--	45.43	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-1R	1/28/2019	98.90	53.64	NP	--	45.26	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-1R	1/29/2019	98.90	--	--	--	--	NG	< 50	--	< 0.50	< 0.50	< 0.50	< 1.0	< 0.50	< 1.0	< 150	< 10	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 48
MW-1R	5/16/2019	98.90	53.90	NP	--	45.00	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-1R	8/26/2019	98.90	53.87	NP	--	45.03	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-1R	11/4/2019	98.90	53.90	NP	--	45.00	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-1R	1/20/2020	98.90	53.82	NP	--	45.08	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-1R	1/21/2020	98.90	--	--	--	--	NG	< 50	--	< 0.50	< 0.50	< 0.50	< 1.0	< 0.50	< 1.0	< 150	< 10	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 48
MW-2	4/1/1992	99.10	55.08	NP	--	44.02	--	**5900**	--	**1400**	**100**	**77**	**700**	--	--	--	--	--	--	--	--	--	--
MW-2	12/1/1992	99.10	55.19	NP	--	43.91	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-2	12/9/1992	--	--	--	--	--	--	**2100**	--	**890**	< 0.5	< 0.5	**230**	--	--	--	--	--	--	--	--	--	--
MW-2	3/1/1993	99.10	55.11	NP	--	43.99	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-2	3/12/1993	--	--	--	--	--	--	**2300**	--	**970**	< 0.5	< 0.5	**270**	--	--	--	--	--	--	--	--	--	--
MW-2	6/1/1993	99.10	55.04	NP	--	44.06	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-2	6/6/1993	--	--	--	--	--	--	**1700**	--	**530**	< 0.5	< 0.5	**150**	--	--	--	--	--	--	--	--	--	--
MW-2	8/1/1993	99.10	55.11	NP	--	43.99	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-2	8/31/1993	--	--	--	--	--	--	**1300**	--	**430**	< 0.5	< 0.5	**110**	--	--	--	--	--	--	--	--	--	--
MW-2	11/1/1993	99.10	54.90	NP	--	44.20	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-2	11/10/1993	--	--	--	--	--	--	**740**	--	**270**	**2.6**	< 0.5	**83**	--	--	--	--	--	--	--	--	--	--
MW-2	3/1/1994	99.10	54.81	NP	--	44.29	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-2	3/4/1994	--	--	--	--	--	--	**580**	--	**98**	**1.2**	< 0.5	**36**	--	--	--	--	--	--	--	--	--	--
MW-2	4/1/1994	99.10	54.71	NP	--	44.39	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-2	4/19/1994	--	--	--	--	--	--	**420**	--	**42**	**0.74**	< 0.5	**24**	--	--	--	--	--	--	--	--	--	--
MW-2	8/1/1994	99.10	54.63	NP	--	44.47	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-2	8/6/1994	--	--	--	--	--	--	**120**	--	**5.4**	< 0.5	< 0.5	< 0.5	--	--	--	--	--	--	--	--	--	--
MW-2	12/1/1994	99.10	54.63	NP	--	44.47	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-2	12/11/1994	--	--	--	--	--	--	< 50	--	**3.2**	< 0.5	< 0.5	< 0.5	--	--	--	--	--	--	--	--	--	--
MW-2	3/1/1995	99.10	54.54	NP	--	44.56	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-2	3/20/1995	--	--	--	--	--	--	**110**	--	**4.1**	**0.96**	< 0.5	**5.6**	--	--	--	--	--	--	--	--	--	--
MW-2	5/1/1995	99.10	54.58	NP	--	44.52	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-2	5/24/1995	--	--	--	--	--	--	< 50	--	**2.5**	< 0.5	< 0.5	< 0.5	--	--	--	--	--	--	--	--	--	--
MW-2	8/1/1995	99.10	54.76	NP	--	44.34	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-2	8/18/1995	--	--	--	--	--	--	< 50	--	< 0.5	< 0.5	< 0.5	< 0.5	< 2.5	--	--	--	--	--	--	--	--	--
MW-2	11/1/1995	99.10	54.35	NP	--	44.75	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-2	11/14/1995	--	--	--	--	--	--	< 50	--	**1.1**	< 0.5	< 0.5	< 0.5	--	--	--	--	--	--	--	--	--	--
MW-2	3/30/1996	99.10	54.11	NP	--	44.99	--	< 50	--	**1.4**	< 0.50	< 0.50	< 0.50	< 2.5	--	--	--	--	--	--	--	--	--

TABLE 3
Historical Gauging and Analytical Data
ARCO Service Station No. 465
151 Southgate Avenue
Daly City, CA

Well I.D.	Date	GROUNDWATER ELEVATION DATA						GROUNDWATER ANALYTICAL DATA															
		TOC Elevation (ft)	Water Level Depth (ft)	LNAPL Depth (ft)	LNAPL Thickness (ft)	Water Level Elevation* (ft)	Qualifiers	GRO (ug/L)	DRO (ug/L)	Benzene (ug/L)	Toluene (ug/L)	Ethylbenzene (ug/L)	Xylene (Total) (ug/L)	MTBE (ug/L)	Naphthalene (ug/L)	Ethanol (ug/L)	TBA (ug/L)	DIPE (ug/L)	ETBE (ug/L)	TAME (ug/L)	1,2-DCA (ug/L)	EDB (ug/L)	Stoddard Solvent (ug/L)
MW-2	6/25/1996	99.10	54.28	NP	--	44.82	--	< 50	--	**3.1**	< 0.50	< 0.50	< 0.50	< 2.5	--	--	--	--	--	--	--	--	--
MW-2	9/27/1996	99.10	54.01	NP	--	45.09	--	< 50	--	**0.67**	< 0.50	< 0.50	< 0.50	< 2.5	--	--	--	--	--	--	--	--	--
MW-2	12/14/1996	99.10	53.96	NP	--	45.14	--	< 50	--	**0.61**	< 0.50	< 0.50	< 0.50	< 2.5	--	--	--	--	--	--	--	--	--
MW-2	5/5/1997	99.10	54.01	NP	--	45.09	DNP	< 50	--	**0.94**	< 0.50	< 0.50	< 0.50	< 2.5	--	--	--	--	--	--	--	--	--
MW-2	7/11/1997	99.10	53.87	NP	--	45.23	DNP	< 50	--	< 0.50	< 0.50	< 0.50	< 0.50	< 3.0	--	--	--	--	--	--	--	--	--
MW-2	9/18/1997	99.10	53.83	NP	--	45.27	DNP	< 50	--	< 0.50	< 0.50	< 0.50	< 0.50	< 3.0	--	--	--	--	--	--	--	--	--
MW-2	12/4/1997	99.10	53.82	NP	--	45.28	DNP	< 50	--	< 0.50	< 0.50	< 0.50	< 0.50	< 3.0	--	--	--	--	--	--	--	--	--
MW-2	3/11/1998	99.10	53.83	NP	--	45.27	DNP	< 50	--	< 0.50	< 0.50	< 0.50	< 0.50	< 3.0	--	--	--	--	--	--	--	--	--
MW-2	6/29/1998	99.10	53.81	NP	--	45.29	DNP	< 50	--	< 0.50	< 0.50	< 0.50	< 0.50	< 3.0	--	--	--	--	--	--	--	--	--
MW-2	9/15/1998	99.10	53.68	NP	--	45.42	DNP	< 50	--	< 0.50	< 0.50	< 0.50	< 0.50	< 3.0	--	--	--	--	--	--	--	--	--
MW-2	12/16/1998	99.10	53.61	NP	--	45.49	DNP	< 50	--	< 0.50	< 0.50	< 0.50	< 0.50	< 3.0	--	--	--	--	--	--	--	--	--
MW-2	2/15/1999	99.10	53.60	NP	--	45.50	DNP	< 50	--	< 0.50	< 0.50	< 0.50	< 0.50	< 3.0	--	--	--	--	--	--	--	--	--
MW-2	5/17/1999	99.10	53.38	NP	--	45.72	DNP	**25000**	--	**56**	**1400**	**230**	**4100**	**7500**	--	--	--	--	--	--	--	--	--
MW-2	8/9/1999	99.10	53.67	NP	--	45.43	DNP	**55**	--	< 0.50	**0.50**	**0.60**	**1.3**	**93**	--	--	--	--	--	--	--	--	--
MW-2	12/2/1999	99.10	53.79	NP	--	45.31	DNP, k	< 50	--	< 0.50	< 0.50	< 0.50	< 0.50	**73**	--	--	--	--	--	--	--	--	--
MW-2	3/22/2000	99.10	53.89	NP	--	45.21	DNP	< 50	--	< 0.50	**1.3**	< 0.50	**1.5**	< 3.0	--	--	--	--	--	--	--	--	--
MW-2	4/28/2000	99.10	53.93	NP	--	45.17	DNP, j	< 50	--	< 0.50	< 0.50	< 0.50	< 1.0	< 3.0	--	--	--	--	--	--	--	--	--
MW-2	9/21/2000	99.10	53.90	NP	--	45.20	DNP, j	< 50 N	--	< 0.50	**1.06**	< 0.50	**0.89**	**29.8**	--	--	--	--	--	--	--	--	--
MW-2	11/2/2000	99.62	54.56	NP	--	45.06	DNP	217 N	--	**1.84**	**15.9**	**1.46**	**12.7**	**286**	--	--	--	--	--	--	--	--	--
MW-2	2/13/2001	99.62	54.47	NP	--	45.15	DNP	< 50	--	< 0.50	< 0.50	< 0.50	< 0.50	**1.91**	--	--	--	--	--	--	--	--	--
MW-2	6/21/2001	99.62	54.56	NP	--	45.06	DNP	< 50	--	< 0.50	< 0.50	< 0.50	< 0.50	**4.8**	--	--	--	--	--	--	--	--	--
MW-2	12/31/2001	99.62	54.65	NP	--	44.97	DNP	< 50	--	< 0.50	**0.70**	< 0.50	**1.1**	**450**	--	--	--	--	--	--	--	--	--
MW-2	3/18/2002	99.62	54.68	NP	--	44.94	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-2	6/27/2002	99.62	54.60	NP	--	45.02	DNP	< 50	--	< 0.50	< 0.50	< 0.50	< 0.50	**1.7**	--	--	--	--	--	--	--	--	--
MW-2	9/25/2002	99.62	54.58	NP	--	45.04	DNP, g	< 50	--	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	--	--	--	--	--	--	--	--	< 48
MW-2	12/13/2002	99.62	54.55	NP	--	45.07	DNP, g	< 50	--	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	--	--	--	--	--	--	--	--	< 48
MW-2	3/28/2003	99.62	54.56	NP	--	45.06	DNP	**350**	--	**2.5**	**51**	**1.2**	**100**	**2.9**	--	< 100	< 20	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	--
MW-2	3/31/2003	99.62	54.54	NP	--	45.08	g	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	< 47
MW-2	5/6/2003	99.62	54.47	NP	--	45.15	g	< 50	--	< 0.50	**1.9**	< 0.50	**4**	**3.4**	--	< 100	< 20	< 0.50	< 0.50	< 0.50	--	--	< 47
MW-2	7/22/2003	99.62	54.54	NP	--	45.08	g	< 50	--	< 0.50	< 0.50	< 0.50	< 0.50	**2**	--	< 100	< 20	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 52
MW-2	10/21/2003	99.62	54.64	NP	--	44.98	DNP, g	< 50	< 50	< 0.50	< 0.50	< 0.50	< 0.50	**1.9**	--	< 100	< 20	< 0.50	< 0.50	< 0.50	--	--	< 50
MW-2	2/3/2004	99.62	54.56	NP	--	45.06	DNP, e	3500 N	--	**6.4**	**370**	**35**	**1100**	**200**	--	< 1000	< 200	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	**1000**
MW-2	4/14/2004	99.62	54.59	NP	--	45.03	DNP	**76**	--	< 0.50	**12**	**0.76**	**32**	**10**	--	< 100	< 20	< 1.0	< 1.0	< 1.0	< 0.50	< 0.50	< 47
MW-2	7/20/2004	99.62	54.50	NP	--	45.12	DNP	< 50	--	< 0.50	< 0.50	< 0.50	< 0.50	**5.4**	--	< 100	< 20	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 50
MW-2	10/29/2004	99.62	54.41	NP	--	45.21	DNP	< 50	< 50	< 0.50	< 0.50	< 0.50	< 0.50	**8.7**	--	< 100	< 20	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 50
MW-2	1/11/2005	99.62	54.40	NP	--	45.22	DNP	**1900**	--	< 5.0	**220**	**31**	**610**	**16**	--	< 1000	< 200	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	**410**
MW-2	5/3/2005	99.62	54.25	NP	--	45.37	DNP	250 N	--	< 0.50	**16**	**1.2**	**81**	**5.9**	--	< 100	< 20	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	**50**
MW-2	8/3/2005	99.62	54.12	NP	--	45.50	DNP	< 50	--	< 0.50	< 0.50	**0.76**	**3.7**	**17**	--	< 100	< 20	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 50
MW-2	10/28/2005	99.62	53.95	NP	--	45.67	DNP	< 50	--	< 0.50	< 0.50	< 0.50	< 0.50	**35**	--	< 100	< 20	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 47
MW-2	1/11/2006	99.62	54.00	NP	--	45.62	DNP	86 N	--	< 0.50	**0.79**	< 0.50	**17**	**29**	--	< 300	< 20	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	**84**
MW-2	4/17/2006	99.62	54.05	NP	--	45.57	DNP	**84**	--	< 0.50	**1.4**	< 0.50	**15**	**52**	--	< 300	< 20	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 47
MW-2	7/18/2006	99.62	53.88	NP	--	45.74	DNP	**73**	--	< 0.50	< 0.50	< 0.50	< 0.50	**77**	--	< 300	< 20	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 47
MW-2	11/13/2006	99.62	53.81	NP	--	45.81	--	**54**	--	< 0.50	< 0.50	< 0.50	< 0.50	**130**	--	< 300	< 20	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 50
MW-2	1/12/2007	99.62	53.80	NP	--	45.82	--	**79**	--	< 0.50	< 0.50	< 0.50	< 0.50	**150**	--	< 300	< 20	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 49
MW-2	4/16/2007	99.62	53.89	NP	--	45.73	Past hold time (SS), DNP	210 N	--	< 2.5	< 2.5	< 2.5	< 2.5	**260**	--	< 1500	< 100	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5	< 49
MW-2	7/6/2007	99.62	54.00	NP	--	45.62	DNP	290 N	--	< 1.0	< 1.0	< 1.0	< 1.0	**380**	--	< 600	< 40	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 47
MW-2	10/4/2007	99.62	54.16	NP	--	45.46	DNP	260 N	--	< 2.5	< 2.5	< 2.5	< 2.5	**470**	--	< 1500	< 100	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5	< 47
MW-2	1/21/2008	99.62	54.31	NP	--	45.31	DNP	< 250	--	< 2.5	< 2.5	< 2.5	< 2.5	**370**	--	< 1500	< 100	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5	< 47
MW-2	4/17/2008	99.62	54.42	NP	--	45.20	DNP	**68**	--	< 0.50	< 0.50	< 0.50	**27**	**480**	--	< 300	**44**	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	60 N
MW-2	7/10/2008	99.62	54.41	NP	--	45.21	DNP	< 50	--	< 10	< 10	< 10	< 10	**670**	--	< 6000	< 200	< 10	< 10	< 10	< 10	< 10	< 50
MW-2	10/16/2008	99.62	54.45	NP	--	45.17	DNP	< 50	--	< 10	< 10	< 10	< 10	**680**	--	< 6000	< 200	< 10	< 10	< 10	< 10	< 10	62 N

TABLE 3
Historical Gauging and Analytical Data
ARCO Service Station No. 465
151 Southgate Avenue
Daly City, CA

Well I.D.	Date	GROUNDWATER ELEVATION DATA						GROUNDWATER ANALYTICAL DATA														
		TOC Elevation (ft)	Water Level Depth (ft)	LNAPL Depth (ft)	LNAPL Thickness (ft)	Water Level Elevation* (ft)	Qualifiers	GRO (ug/L)	DRO (ug/L)	Benzene (ug/L)	Toluene (ug/L)	Ethylbenzene (ug/L)	Xylene (Total) (ug/L)	MTBE (ug/L)	Naphthalene (ug/L)	Ethanol (ug/L)	TBA (ug/L)	DIPE (ug/L)	ETBE (ug/L)	TAME (ug/L)	1,2-DCA (ug/L)	EDB (ug/L)	Stoddard Solvent (ug/L)
MW-2	1/22/2009	99.62	54.50	NP	--	45.12	DNP	< 50	--	< 10	< 10	< 10	< 10	**630**	--	< 6000	< 200	< 10	< 10	< 10	< 10	< 10	< 50
MW-2	4/22/2009	99.62	54.48	NP	--	45.14	DNP	**110**	--	< 10	< 10	< 10	< 10	**450**	--	< 6000	< 200	< 10	< 10	< 10	< 10	< 10	< 50
MW-2	7/27/2009	99.62	54.73	NP	--	44.89	DNP	270 N	--	< 10	< 10	< 10	< 10	**370**	--	< 6000	< 200	< 10	< 10	< 10	< 10	< 10	< 50
MW-2	10/30/2009	99.62	55.90	NP	--	43.72	DNP	73 N	--	< 10	< 10	< 10	< 10	**460**	--	< 6000	< 200	< 10	< 10	< 10	< 10	< 10	< 50
MW-2	4/23/2010	99.62	54.85	NP	--	44.77	--	< 50	--	< 10	< 10	< 10	< 10	**450**	--	< 6000	< 200	< 10	< 10	< 10	< 10	< 10	--
MW-2	10/28/2010	99.62	54.65	NP	--	44.97	Grab sample, DNP	< 50	--	< 10	< 10	< 10	< 10	**340**	--	< 6000	< 200	< 10	< 10	< 10	< 10	< 10	< 50
MW-2	4/11/2011	99.62	54.72	NP	--	44.90	DNP	< 50	--	< 4.0	< 4.0	< 4.0	< 4.0	**190**	--	< 2400	< 80	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 50
MW-2	10/24/2011	99.38	54.44	NP	--	44.94	MD	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-2	10/25/2011	99.38	--	--	--	--	NG, DNP	< 50	--	< 2.0	< 2.0	< 2.0	< 2.0	**100**	--	< 1200	< 40	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 50
MW-2	4/4/2012	99.38	54.39	NP	--	44.99	MD	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-2	4/5/2012	99.38	--	--	--	--	NG, DNP	< 50	--	< 0.50	< 0.50	< 0.50	< 0.50	**45**	--	< 300	< 10	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 50
MW-2	7/25/2012	99.38	54.64	NP	--	44.74	MD	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-2	7/26/2012	99.38	--	--	--	--	SV, DNP, Grab sample	< 50	--	< 0.50	< 0.50	< 0.50	< 1.0	**78**	--	< 150	< 10	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 47
MW-2	10/3/2012	99.38	54.71	NP	--	44.67	SV, DNP	< 50	--	< 0.50	< 0.50	< 0.50	< 1.0	**330**	--	< 150	**58**	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 48
MW-2	1/14/2013	99.38	54.80	NP	--	44.58	SV, DNP	< 50	--	< 0.50	< 0.50	< 0.50	< 1.0	**110**	--	< 150	< 10	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 48
MW-2	4/1/2013	99.38	55.20	NP	--	44.18	SV, DNP	< 50	--	< 0.50	< 0.50	< 0.50	< 1.0	**32**	--	--	< 10	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 47
MW-2	7/25/2013	99.38	55.38	NP	--	44.00	MD	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-2	7/26/2013	99.38	--	--	--	--	SV, DNP, Grab sample	< 50	--	< 0.50	< 0.50	< 0.50	< 1.0	**16**	--	< 150	< 10	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 47
MW-2	10/29/2013	99.38	54.92	NP	--	44.46	SV	< 50	--	< 0.50	< 0.50	< 0.50	< 1.0	**24**	--	< 150	< 10	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 48
MW-2	1/21/2014	99.38	55.13	NP	--	44.25	MD	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-2	1/22/2014	99.38	--	--	--	--	SV	< 50	--	< 0.50	< 0.50	< 0.50	< 1.0	**21**	--	--	< 10	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 47
MW-2	2/12/2015	99.38	55.54	NP	--	43.84	Grab sample, DNP	< 50	--	< 0.50	< 0.50	< 0.50	< 1.0	**3.8**	--	--	< 10	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 52
MW-2	2/8/2016	99.38	55.08	NP	--	44.30	MD	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-2	2/10/2016	--	--	--	--	--	--	< 50	--	< 0.50	< 0.50	< 0.50	< 1.0	< 0.50	--	--	< 10	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 48
MW-2	2/13/2018	99.38	53.91	NP	--	45.47	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-2	2/15/2018	--	--	--	--	--	--	< 50	--	< 0.50	< 0.50	< 0.50	< 1.0	< 0.50	< 1.0	< 150	< 10	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 48
MW-2	4/24/2018	99.38	53.80	NP	--	45.58	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-2	9/28/2018	99.38	54.07	NP	--	45.31	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-2	1/28/2019	99.38	54.25	NP	--	45.13	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-2	1/30/2019	99.38	--	--	--	--	NG	< 50	--	< 0.50	< 0.50	< 0.50	< 1.0	< 0.50	< 1.0	< 150	< 10	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 48
MW-2	5/16/2019	99.38	54.50	NP	--	44.88	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-2	8/26/2019	99.38	55.50	NP	--	43.88	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-2	11/4/2019	99.38	54.49	NP	--	44.89	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-2	1/20/2020	99.38	54.42	NP	--	44.96	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-2	1/23/2020	99.38	--	--	--	--	NG	< 50	--	< 0.50	< 0.50	< 0.50	< 1.0	< 0.50	< 1.0	< 150	< 10	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 48
MW-3D	4/1/1992	101.84	185.60	NP	--	-83.76	--	< 50	--	**0.51**	**0.65**	< 0.5	**0.56**	--	--	--	--	--	--	--	--	--	--
MW-3D	12/1/1992	101.84	182.60	NP	--	-80.76	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-3D	12/9/1992	--	--	--	--	--	--	**190**	--	**11**	**3**	< 0.5	**3.9**	--	--	--	--	--	--	--	--	--	--
MW-3D	1/1/1993	101.84	182.78	NP	--	-80.94	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-3D	1/29/1993	--	--	--	--	--	--	**110**	--	**5.5**	**5.8**	**0.65**	**4**	--	--	--	--	--	--	--	--	--	--
MW-3D	3/1/1993	101.84	182.23	NP	--	-80.39	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-3D	3/12/1993	--	--	--	--	--	--	**52**	--	**2.6**	**2.3**	< 0.5	**4.4**	--	--	--	--	--	--	--	--	--	--
MW-3D	6/1/1993	101.84	183.71	NP	--	-81.87	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-3D	6/6/1993	--	--	--	--	--	--	< 50	--	< 0.5	< 0.5	< 0.5	< 0.5	--	--	--	--	--	--	--	--	--	--
MW-3D	8/1/1993	101.84	184.09	NP	--	-82.25	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

TABLE 3
Historical Gauging and Analytical Data
ARCO Service Station No. 465
151 Southgate Avenue
Daly City, CA

Well I.D.	Date	GROUNDWATER ELEVATION DATA						GROUNDWATER ANALYTICAL DATA															
		TOC Elevation (ft)	Water Level Depth (ft)	LNAPL Depth (ft)	LNAPL Thickness (ft)	Water Level Elevation* (ft)	Qualifiers	GRO (ug/L)	DRO (ug/L)	Benzene (ug/L)	Toluene (ug/L)	Ethylbenzene (ug/L)	Xylene (Total) (ug/L)	MTBE (ug/L)	Naphthalene (ug/L)	Ethanol (ug/L)	TBA (ug/L)	DIPE (ug/L)	ETBE (ug/L)	TAME (ug/L)	1,2-DCA (ug/L)	EDB (ug/L)	Stoddard Solvent (ug/L)
MW-3D	8/31/1993	--	--	--	--	--	--	< 50	--	**1.8**	**1.4**	< 0.5	**3.1**	--	--	--	--	--	--	--	--	--	--
MW-3D	11/1/1993	101.84	184.32	NP	--	-82.48	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-3D	11/10/1993	--	--	--	--	--	--	< 50	--	< 0.3	< 0.3	< 0.5	< 0.3	--	--	--	--	--	--	--	--	--	--
MW-3D	3/1/1994	101.84	183.31	NP	--	-81.47	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-3D	3/4/1994	--	--	--	--	--	--	< 50	--	< 0.5	< 0.5	< 0.5	< 0.5	--	--	--	--	--	--	--	--	--	--
MW-3D	4/1/1994	101.84	183.70	NP	--	-81.86	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-3D	4/19/1994	--	--	--	--	--	--	< 50	--	< 0.5	< 0.5	< 0.5	< 0.5	--	--	--	--	--	--	--	--	--	--
MW-3D	8/1/1994	101.84	184.38	NP	--	-82.54	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-3D	8/6/1994	--	--	--	--	--	--	< 50	--	< 0.5	< 0.5	< 0.5	< 0.5	--	--	--	--	--	--	--	--	--	--
MW-3D	12/1/1994	101.84	183.83	NP	--	-81.99	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-3D	12/11/1994	--	--	--	--	--	--	< 50	--	< 0.5	< 0.5	< 0.5	< 0.5	--	--	--	--	--	--	--	--	--	--
MW-3D	3/1/1995	101.84	182.55	NP	--	-80.71	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-3D	3/20/1995	--	--	--	--	--	--	< 50	--	< 0.5	< 0.5	< 0.5	< 0.5	--	--	--	--	--	--	--	--	--	--
MW-3D	5/1/1995	101.84	182.41	NP	--	-80.57	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-3D	5/24/1995	--	--	--	--	--	--	< 50	--	< 0.5	< 0.5	< 0.5	< 0.5	--	--	--	--	--	--	--	--	--	--
MW-3D	8/1/1995	101.84	183.00	NP	--	-81.16	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-3D	8/18/1995	--	--	--	--	--	--	< 50	--	< 0.5	< 0.5	< 0.5	< 0.5	< 2.5	--	--	--	--	--	--	--	--	--
MW-3D	11/1/1995	101.84	182.46	NP	--	-80.62	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-3D	11/14/1995	--	--	--	--	--	--	< 50	--	< 0.5	< 0.5	< 0.5	< 0.5	--	--	--	--	--	--	--	--	--	--
MW-3D	3/30/1996	101.84	180.73	NP	--	-78.89	--	< 50	--	< 0.50	< 0.50	< 0.50	< 0.50	< 2.5	--	--	--	--	--	--	--	--	--
MW-3D	6/25/1996	101.84	180.38	NP	--	-78.54	--	< 50	--	< 0.50	< 0.50	< 0.50	< 0.50	< 2.5	--	--	--	--	--	--	--	--	--
MW-3D	9/27/1996	101.84	181.81	NP	--	-79.97	--	< 50	--	< 0.50	< 0.50	< 0.50	< 0.50	< 2.5	--	--	--	--	--	--	--	--	--
MW-3D	12/14/1996	101.84	181.48	NP	--	-79.64	--	< 50	--	< 0.50	< 0.50	< 0.50	< 0.50	< 2.5	--	--	--	--	--	--	--	--	--
MW-3D	5/5/1997	101.84	181.58	NP	--	-79.74	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-3D	7/11/1997	101.84	182.10	NP	--	-80.26	--	< 50	--	< 0.50	< 0.50	< 0.50	< 0.50	< 3.0	--	--	--	--	--	--	--	--	--
MW-3D	9/18/1997	101.84	182.48	NP	--	-80.64	--	< 50	--	< 0.50	< 0.50	< 0.50	< 0.50	< 3.0	--	--	--	--	--	--	--	--	--
MW-3D	12/4/1997	101.84	181.82	NP	--	-79.98	--	< 50	--	< 0.50	< 0.50	< 0.50	< 0.50	< 3.0	--	--	--	--	--	--	--	--	--
MW-3D	3/11/1998	101.84	181.14	NP	--	-79.30	--	< 50	--	< 0.50	< 0.50	< 0.50	< 0.50	< 3.0	--	--	--	--	--	--	--	--	--
MW-3D	6/29/1998	101.84	181.09	NP	--	-79.25	DNP	< 50	--	< 0.50	< 0.50	< 0.50	< 0.50	< 3.0	--	--	--	--	--	--	--	--	--
MW-3D	9/15/1998	101.84	181.38	NP	--	-79.54	DNP	< 50	--	< 0.50	< 0.50	< 0.50	< 0.50	< 3.0	--	--	--	--	--	--	--	--	--
MW-3D	12/16/1998	101.84	180.72	NP	--	-78.88	DNP	< 50	--	< 0.50	< 0.50	< 0.50	< 0.50	< 3.0	--	--	--	--	--	--	--	--	--
MW-3D	2/15/1999	101.84	--	--	--	--	WI	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-3D	5/17/1999	101.84	180.02	NP	--	-78.18	DNP	< 50	--	< 0.50	< 0.50	< 0.50	< 0.50	**5**	--	--	--	--	--	--	--	--	--
MW-3D	8/9/1999	101.84	180.75	NP	--	-78.91	DNP	< 50	--	< 0.50	< 0.50	< 0.50	< 0.50	< 3.0	--	--	--	--	--	--	--	--	--
MW-3D	12/2/1999	101.84	180.36	NP	--	-78.52	--	< 50	--	< 0.50	< 0.50	< 0.50	< 0.50	< 3.0	--	--	--	--	--	--	--	--	--
MW-3D	3/22/2000	101.84	--	--	--	--	WI	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-3D	4/28/2000	101.84	179.52	NP	--	-77.68	--	< 50	--	< 0.50	**0.70**	< 0.50	< 1.0	< 3.0	--	--	--	--	--	--	--	--	--
MW-3D	9/21/2000	101.84	179.98	NP	--	-78.14	j	< 50 N	--	< 0.50	< 0.50	< 0.50	< 0.50	< 5.0	--	--	--	--	--	--	--	--	--
MW-3D	11/2/2000	101.84	180.10	NP	--	-78.26	j	< 50 N	--	< 0.50	< 0.50	< 0.50	< 0.50	< 5.0	--	--	--	--	--	--	--	--	--
MW-3D	2/13/2001	101.84	178.35	NP	--	-76.51	--	< 50	--	< 0.50	< 0.50	< 0.50	< 0.50	< 1.0	--	--	--	--	--	--	--	--	--
MW-3D	6/21/2001	101.84	179.43	NP	--	-77.59	--	< 50	--	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0	--	--	--	--	--	--	--	--	--
MW-3D	12/31/2001	101.84	179.05	NP	--	-77.21	--	< 50	--	< 0.50	< 0.50	< 0.50	< 0.50	< 1.0	--	--	--	--	--	--	--	--	--
MW-3D	3/18/2002	101.84	--	--	--	--	WI	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-3D	6/27/2002	101.84	--	--	--	--	Dry	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-3D	9/25/2002	101.84	--	--	--	--	Dry	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-3D	12/13/2002	101.84	--	--	--	--	Dry	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-3D	3/28/2003	101.84	--	--	--	--	WI, o	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-3D	3/31/2003	101.84	--	--	--	--	WI, o	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-3D	5/6/2003	101.84	174.96	NP	--	-73.12	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-3D	5/23/2003	101.84	173.93	NP	--	-72.09	g	< 50	--	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	--	< 100	**20**	< 0.50	< 0.50	< 0.50	--	--	< 50
MW-3D	7/22/2003	101.84	174.00	NP	--	-72.16	g	< 50	--	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	--	< 100	< 20	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 52
MW-3D	10/21/2003	101.84	173.27	NP	--	-71.43	--	< 50	**120**	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	--	< 100	< 20	< 0.50	< 0.50	< 0.50	--	--	< 48
MW-3D	2/3/2004	101.84	--	--	--	--	WI	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

TABLE 3
Historical Gauging and Analytical Data
ARCO Service Station No. 465
151 Southgate Avenue
Daly City, CA

Well I.D.	Date	GROUNDWATER ELEVATION DATA						GROUNDWATER ANALYTICAL DATA															
		TOC Elevation (ft)	Water Level Depth (ft)	LNAPL Depth (ft)	LNAPL Thickness (ft)	Water Level Elevation* (ft)	Qualifiers	GRO (ug/L)	DRO (ug/L)	Benzene (ug/L)	Toluene (ug/L)	Ethylbenzene (ug/L)	Xylene (Total) (ug/L)	MTBE (ug/L)	Naphthalene (ug/L)	Ethanol (ug/L)	TBA (ug/L)	DIPE (ug/L)	ETBE (ug/L)	TAME (ug/L)	1,2-DCA (ug/L)	EDB (ug/L)	Stoddard Solvent (ug/L)
MW-3D	4/14/2004	101.84	170.90	NP	--	-69.06	--	< 50	--	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	--	< 100	< 20	< 1.0	< 1.0	< 1.0	< 0.50	< 0.50	< 47
MW-3D	7/20/2004	101.84	170.85	NP	--	-69.01	--	< 50	--	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	--	< 100	< 20	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 48
MW-3D	10/29/2004	101.84	168.51	NP	--	-66.67	--	< 50	< 50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	--	< 100	< 20	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 50
MW-3D	1/11/2005	101.84	166.20	NP	--	-64.36	--	< 50	--	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	--	< 100	< 20	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 48
MW-3D	5/3/2005	101.84	--	--	--	--	WI	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-3D	8/3/2005	101.84	161.90	NP	--	-60.06	WI	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-3D	10/28/2005	101.84	160.15	NP	--	-58.31	--	< 250	--	< 2.5	< 2.5	< 2.5	< 2.5	**220**	--	< 500	< 100	< 2.5	< 2.5	**4.6**	< 2.5	< 2.5	< 48
MW-3D	12/20/2005	101.84	159.28	NP	--	-57.44	--	< 50	--	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	--	< 100	< 20	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	--
MW-3D	1/11/2006	101.84	158.74	NP	--	-56.90	NSP	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-3D	4/17/2006	101.84	157.12	NP	--	-55.28	NSP	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-3D	7/18/2006	101.84	155.57	NP	--	-53.73	--	< 50	--	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	--	< 300	< 20	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 47
MW-3D	11/13/2006	101.84	154.44	NP	--	-52.60	NSP	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-3D	1/12/2007	101.84	153.06	NP	--	-51.22	NSP	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-3D	4/16/2007	101.84	151.73	NP	--	-49.89	NSP	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-3D	7/6/2007	101.84	154.08	NP	--	-52.24	--	< 50	--	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	--	< 300	< 20	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 47
MW-3D	10/4/2007	101.84	154.91	NP	--	-53.07	NSP	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-3D	1/21/2008	101.84	--	--	--	--	VO, Vehicle parked over, NSP	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-3D	4/17/2008	101.84	--	--	--	--	VO, Vehicle parked over, NSP	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-3D	7/10/2008	101.84	--	--	--	--	NG, Gauging overlooked, NSP	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-3D	10/16/2008	101.78	159.40	NP	--	-57.62	Anomalous data	< 50	--	< 0.50	**1.1**	< 0.50	< 0.50	< 0.50	--	< 300	< 10	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	60 N
MW-3D	11/3/2008	101.78	157.93	NP	--	-56.15	Resample	< 50	--	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	--	< 300	< 10	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 50
MW-3D	1/22/2009	101.78	159.43	NP	--	-57.65	NSP	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-3D	4/22/2009	101.78	--	--	--	--	NG, Well not gauged, NSP	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-3D	7/27/2009	101.78	155.97	NP	--	-54.19	NSP	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-3D	10/30/2009	101.78	154.15	NP	--	-52.37	--	< 50	--	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	--	< 300	< 10	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 50
MW-3D	4/23/2010	101.78	155.30	NP	--	-53.52	NSP	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-3D	10/28/2010	101.78	151.40	NP	--	-49.62	--	< 50	--	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	--	< 300	< 10	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 50
MW-3D	4/11/2011	101.78	149.67	NP	--	-47.89	NSP	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-3D	10/24/2011	102.49	153.46	NP	--	-50.97	MD	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-3D	10/25/2011	--	--	--	--	--	--	< 50	--	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	--	< 300	< 10	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 50
MW-3D	4/4/2012	102.49	154.17	NP	--	-51.68	NSP	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-3D	7/25/2012	102.49	155.48	NP	--	-52.99	NSP	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-3D	10/3/2012	102.49	155.80	NP	--	-53.31	MD	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-3D	10/4/2012	102.49	--	--	--	--	SV	< 50	--	< 0.50	< 0.50	< 0.50	< 1.0	< 0.50	--	< 150	< 10	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 48
MW-3D	1/14/2013	102.49	155.93	NP	--	-53.44	MD	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-3D	1/15/2013	102.49	--	--	--	--	SV	< 50	--	< 0.50	< 0.50	< 0.50	< 1.0	< 0.50	--	< 150	< 10	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 48
MW-3D	4/1/2013	102.49	155.10	NP	--	-52.61	SV	< 50	--	< 0.50	< 0.50	< 0.50	< 1.0	**3.7**	--	--	< 10	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	**76**
MW-3D	4/24/2013	102.49	157.86	NP	--	-55.37	SV	< 50	--	< 0.50	< 0.50	< 0.50	< 1.0	< 0.50	--	< 150	< 10	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 51
MW-3D	7/25/2013	102.49	156.67	NP	--	-54.18	MD	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

TABLE 3
Historical Gauging and Analytical Data
ARCO Service Station No. 465
151 Southgate Avenue
Daly City, CA

Well I.D.	Date	GROUNDWATER ELEVATION DATA						GROUNDWATER ANALYTICAL DATA														
		TOC Elevation (ft)	Water Level Depth (ft)	LNAPL Depth (ft)	LNAPL Thickness (ft)	Water Level Elevation* (ft)	Qualifiers	GRO (ug/L)	DRO (ug/L)	Benzene (ug/L)	Toluene (ug/L)	Ethylbenzene (ug/L)	Xylene (Total) (ug/L)	MTBE (ug/L)	Naphthalene (ug/L)	Ethanol (ug/L)	TBA (ug/L)	DIPE (ug/L)	ETBE (ug/L)	TAME (ug/L)	1,2-DCA (ug/L)	EDB (ug/L)	Stoddard Solvent (ug/L)
MW-3D	7/26/2013	102.49	--	--	--	--	SV	< 50	--	< 0.50	< 0.50	< 0.50	< 1.0	< 0.50	--	< 150	< 10	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 47
MW-3D	10/29/2013	102.49	157.38	NP	--	-54.89	MD	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-3D	10/30/2013	102.49	--	--	--	--	SV	< 50	--	< 0.50	< 0.50	**1.6**	< 1.0	< 0.50	--	< 150	< 10	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	**74**
MW-3D	12/4/2013	102.49	157.63	NP	--	-55.14	SV	< 50	--	< 0.50	< 0.50	< 0.50	< 1.0	< 0.50	--	--	< 10	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 51
MW-3D	1/21/2014	102.49	156.76	NP	--	-54.27	SV	< 50	--	< 0.50	< 0.50	< 0.50	< 1.0	**0.54**	--	--	**640**	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	**120**
MW-3D	2/4/2014	102.49	157.12	NP	--	-54.63	SV	< 50	--	< 0.50	< 0.50	< 0.50	< 1.0	< 0.50	--	--	**37**	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 47
MW-3D	2/9/2015	102.49	158.20	NP	--	-55.71	MD	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-3D	2/10/2015	--	--	--	--	--	--	< 50	--	< 0.50	< 0.50	< 0.50	< 1.0	< 0.50	--	--	**36**	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	**160**
MW-3D	6/16/2015	102.49	156.90	NP	--	-54.41	MD	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-3D	6/17/2015	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	< 51
MW-3D	6/18/2015	102.49	--	--	--	--	NG, DNP	< 50	--	< 0.50	< 0.50	< 0.50	< 1.0	< 0.50	--	< 150	< 10	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	--
MW-3D	9/14/2015	102.49	156.98	NP	--	-54.49	MD	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-3D	9/16/2015	--	--	--	--	--	--	< 50	--	< 0.50	< 0.50	< 0.50	< 1.0	< 0.50	--	< 150	< 10	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 48
MW-3D	12/2/2015	102.49	156.98	NP	--	-54.49	MD	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-3D	12/4/2015	--	--	--	--	--	--	< 50	--	< 0.50	< 0.50	< 0.50	< 1.0	< 0.50	--	< 150	< 10	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 47
MW-3D	2/8/2016	102.49	155.98	NP	--	-53.49	MD	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-3D	2/10/2016	--	--	--	--	--	--	< 50	--	< 0.50	< 0.50	< 0.50	< 1.0	< 0.50	--	--	**11**	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 47
MW-3D	2/13/2018	102.49	141.32	NP	--	-38.83	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-3D	2/14/2018	--	--	--	--	--	--	< 50	--	< 0.50	< 0.50	< 0.50	< 1.0	< 0.50	< 1.0	< 150	< 10	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 48
MW-3D	4/24/2018	102.49	140.60	NP	--	-38.11	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-3D	9/28/2018	102.49	138.79	NP	--	-36.30	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-3D	1/28/2019	102.49	136.17	NP	--	-33.68	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-3D	3/25/2019	102.49	135.30	NP	--	-32.81	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-3D	4/4/2019	102.49	134.94	NP	--	-32.45	--	< 50	--	< 0.50	< 0.50	< 0.50	< 1.0	**1.6**	< 1.0	< 150	< 10	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 48
MW-3D	5/16/2019	102.49	136.65	NP	--	-34.16	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-3D	6/3/2019	102.49	135.57	NP	--	-33.08	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-3D	6/4/2019	--	--	--	--	--	--	< 50	--	< 0.50	< 0.50	< 0.50	< 1.0	**1.1**	< 1.0	< 150LQ	< 10LQ	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 47
MW-3D	8/28/2019	102.49	136.09	NP	--	-33.60	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-3D	11/4/2019	102.49	136.61	NP	--	-34.12	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-3D	1/20/2020	102.49	132.93	NP	--	-30.44	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-3D	1/24/2020	102.49	--	--	--	--	NG	< 50	--	< 0.50	< 0.50	< 0.50	< 1.0	**2.6**	< 1.0	< 150	< 10	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 48
MW-4	6/1/1993	101.03	57.04	NP	--	43.99	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-4	6/6/1993	--	--	--	--	--	--	**1900**	--	**180**	**30**	< 0.5	**230**	--	--	--	--	--	--	--	--	--	--
MW-4	8/1/1993	101.03	57.01	NP	--	44.02	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-4	8/31/1993	--	--	--	--	--	--	**690**	--	**260**	< 0.5	< 0.5	**13**	--	--	--	--	--	--	--	--	--	--
MW-4	11/1/1993	101.03	56.91	NP	--	44.12	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-4	11/10/1993	--	--	--	--	--	--	< 50	--	< 0.5	< 0.5	< 0.5	< 0.5	--	--	--	--	--	--	--	--	--	--
MW-4	3/1/1994	101.03	56.80	NP	--	44.23	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-4	3/4/1994	--	--	--	--	--	--	< 50	--	**4.2**	< 0.5	< 0.5	< 0.5	--	--	--	--	--	--	--	--	--	--
MW-4	4/1/1994	101.03	56.73	NP	--	44.30	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-4	4/19/1994	--	--	--	--	--	--	< 50	--	< 0.5	< 0.5	< 0.5	< 0.5	--	--	--	--	--	--	--	--	--	--
MW-4	8/1/1994	101.03	56.67	NP	--	44.36	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-4	8/6/1994	--	--	--	--	--	--	< 50	--	< 0.5	< 0.5	< 0.5	< 0.5	--	--	--	--	--	--	--	--	--	--
MW-4	12/1/1994	101.03	57.95	NP	--	43.08	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-4	12/11/1994	--	--	--	--	--	--	< 50	--	< 0.5	< 0.5	< 0.5	< 0.5	--	--	--	--	--	--	--	--	--	--
MW-4	3/1/1995	101.03	56.59	NP	--	44.44	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-4	3/20/1995	--	--	--	--	--	--	< 50	--	< 0.5	< 0.5	< 0.5	< 0.5	--	--	--	--	--	--	--	--	--	--
MW-4	5/1/1995	101.03	56.58	NP	--	44.45	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-4	5/24/1995	--	--	--	--	--	--	< 50	--	< 0.5	< 0.5	< 0.5	< 0.5	--	--	--	--	--	--	--	--	--	--
MW-4	8/1/1995	101.03	56.79	NP	--	44.24	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-4	8/18/1995	--	--	--	--	--	--	< 50	--	< 0.5	< 0.5	< 0.5	< 0.5	< 2.5	--	--	--	--	--	--	--	--	--
MW-4	11/1/1995	101.03	56.36	NP	--	44.67	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

TABLE 3
Historical Gauging and Analytical Data
ARCO Service Station No. 465
151 Southgate Avenue
Daly City, CA

Well I.D.	Date	GROUNDWATER ELEVATION DATA						GROUNDWATER ANALYTICAL DATA															
		TOC Elevation (ft)	Water Level Depth (ft)	LNAPL Depth (ft)	LNAPL Thickness (ft)	Water Level Elevation* (ft)	Qualifiers	GRO (ug/L)	DRO (ug/L)	Benzene (ug/L)	Toluene (ug/L)	Ethylbenzene (ug/L)	Xylene (Total) (ug/L)	MTBE (ug/L)	Naphthalene (ug/L)	Ethanol (ug/L)	TBA (ug/L)	DIPE (ug/L)	ETBE (ug/L)	TAME (ug/L)	1,2-DCA (ug/L)	EDB (ug/L)	Stoddard Solvent (ug/L)
MW-4	11/14/1995	--	--	--	--	--	--	< 50	--	< 0.5	< 0.5	< 0.5	< 0.5	--	--	--	--	--	--	--	--	--	--
MW-4	3/30/1996	101.03	56.14	NP	--	44.89	--	< 50	--	< 0.50	< 0.50	< 0.50	< 0.50	< 2.5	--	--	--	--	--	--	--	--	--
MW-4	6/25/1996	101.03	56.09	NP	--	44.94	--	< 50	--	< 0.50	< 0.50	< 0.50	< 0.50	< 2.5	--	--	--	--	--	--	--	--	--
MW-4	9/27/1996	101.03	56.04	NP	--	44.99	--	< 50	--	< 0.50	< 0.50	< 0.50	< 0.50	< 2.5	--	--	--	--	--	--	--	--	--
MW-4	12/14/1996	101.03	56.01	NP	--	45.02	--	< 50	--	< 0.50	< 0.50	< 0.50	< 0.50	< 2.5	--	--	--	--	--	--	--	--	--
MW-4	5/5/1997	101.03	55.85	NP	--	45.18	DNP	< 50	--	< 0.50	< 0.50	< 0.50	< 0.50	< 2.5	--	--	--	--	--	--	--	--	--
MW-4	7/11/1997	101.03	55.86	NP	--	45.17	DNP	< 50	--	< 0.50	< 0.50	< 0.50	< 0.50	< 3.0	--	--	--	--	--	--	--	--	--
MW-4	9/18/1997	101.03	55.84	NP	--	45.19	DNP	< 50	--	< 0.50	< 0.50	< 0.50	< 0.50	< 3.0	--	--	--	--	--	--	--	--	--
MW-4	12/4/1997	101.03	55.86	NP	--	45.17	DNP	< 50	--	< 0.50	< 0.50	< 0.50	< 0.50	< 3.0	--	--	--	--	--	--	--	--	--
MW-4	3/11/1998	101.03	55.82	NP	--	45.21	DNP	< 50	--	< 0.50	< 0.50	< 0.50	< 0.50	< 3.0	--	--	--	--	--	--	--	--	--
MW-4	6/29/1998	101.03	55.78	NP	--	45.25	DNP	< 50	--	< 0.50	< 0.50	< 0.50	< 0.50	< 3.0	--	--	--	--	--	--	--	--	--
MW-4	9/15/1998	101.03	55.64	NP	--	45.39	DNP	< 50	--	< 0.50	< 0.50	< 0.50	< 0.50	< 3.0	--	--	--	--	--	--	--	--	--
MW-4	12/16/1998	101.03	55.64	NP	--	45.39	DNP	< 50	--	< 0.50	< 0.50	< 0.50	< 0.50	< 3.0	--	--	--	--	--	--	--	--	--
MW-4	2/15/1999	101.03	55.62	NP	--	45.41	DNP	< 50	--	< 0.50	< 0.50	< 0.50	< 0.50	< 3.0	--	--	--	--	--	--	--	--	--
MW-4	5/17/1999	101.03	55.69	NP	--	45.34	DNP	< 50	--	< 0.50	**0.8**	**0.60**	**4**	< 3.0	--	--	--	--	--	--	--	--	--
MW-4	8/9/1999	101.03	55.68	NP	--	45.35	DNP	< 50	--	**0.60**	< 0.50	< 0.50	< 0.50	< 3.0	--	--	--	--	--	--	--	--	--
MW-4	12/2/1999	101.03	55.79	NP	--	45.24	DNP	< 50	--	**5.7**	< 0.50	< 0.50	< 0.50	**3**	--	--	--	--	--	--	--	--	--
MW-4	3/22/2000	101.03	55.88	NP	--	45.15	DNP	**95**	--	**15**	**2.7**	**0.8**	**2.6**	**18**	--	--	--	--	--	--	--	--	--
MW-4	4/28/2000	101.03	55.91	NP	--	45.12	DNP	**110**	--	**32**	**0.8**	< 0.50	< 1.0	**30**	--	--	--	--	--	--	--	--	--
MW-4	9/21/2000	101.03	56.03	NP	--	45.00	DNP, j	195 N	--	**79.9**	**1.34**	< 1.00	**1.82**	**127**	--	--	--	--	--	--	--	--	--
MW-4	11/2/2000	101.03	56.07	NP	--	44.96	DNP, j	184 N	--	**83.2**	**1.31**	< 1.00	**1.6**	**115**	--	--	--	--	--	--	--	--	--
MW-4	2/13/2001	101.03	56.00	NP	--	45.03	DNP	**152**	--	**47.3**	< 0.50	< 0.50	**1.6**	**267**	--	--	--	--	--	--	--	--	--
MW-4	6/21/2001	101.03	55.95	NP	--	45.08	DNP	**130**	--	**33**	< 0.50	< 0.50	**0.66**	**540**	--	--	--	--	--	--	--	--	--
MW-4	12/31/2001	101.03	56.13	NP	--	44.90	DNP, a	**150**	--	**13**	< 0.50	< 0.50	**0.81**	**1600**	--	--	--	--	--	--	--	--	--
MW-4	3/18/2002	101.03	56.17	NP	--	44.86	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-4	6/27/2002	101.03	56.00	NP	--	45.03	DNP	**140**	--	**0.82**	**0.58**	< 0.50	< 0.50	**2200**	--	--	--	--	--	--	--	--	--
MW-4	9/25/2002	101.03	56.05	NP	--	44.98	DNP, e, g	2600 N	--	**20**	< 10	< 10	**19**	**4400**	--	--	--	--	--	--	--	--	< 48
MW-4	12/13/2002	101.03	56.05	NP	--	44.98	f, g, j	**670**	--	< 2.5	< 2.5	< 2.5	< 2.5	**7300**	--	--	--	--	--	--	--	--	< 50
MW-4	3/28/2003	101.03	55.95	NP	--	45.08	DNP	< 50000	--	< 500	< 500	< 500	< 500	**13000**	--	< 100000	< 20000	< 500	< 500	< 500	< 500	< 500	--
MW-4	3/31/2003	101.03	56.03	NP	--	45.00	g	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	< 50
MW-4	5/6/2003	101.03	56.10	NP	--	44.93	e, g	< 50000 N	--	< 500	< 500	< 500	< 500	**12000**	--	< 100000	< 20000	< 500	< 500	< 500	--	--	**49**
MW-4	7/22/2003	101.03	55.99	NP	--	45.04	g	**35000**	--	< 250	< 250	< 250	< 250	**20000**	--	< 50000	< 10000	< 250	< 250	< 250	< 250	< 250	**58**
MW-4	10/21/2003	101.03	56.12	NP	--	44.91	DNP	**32000**	**84**	< 250	< 250	< 250	**300**	**30000**	--	< 50000	< 10000	< 250	< 250	< 250	--	--	< 50
MW-4	2/3/2004	101.03	56.08	NP	--	44.95	DNP	**41000**	--	< 250	< 250	< 250	< 250	**23000**	--	< 50000	< 10000	< 250	< 250	< 250	< 250	< 250	< 49
MW-4	4/14/2004	101.03	56.04	NP	--	44.99	m	5800 N	--	< 1000	< 1000	< 1000	< 1000	**23000**	--	< 200000	< 40000	< 2000	< 2000	< 2000	< 1000	< 1000	< 47
MW-4	7/20/2004	101.03	56.00	NP	--	45.03	DNP	< 50000	--	< 500	< 500	< 500	< 500	**12000**	--	< 100000	**21000**	< 500	< 500	< 500	< 500	< 500	< 50
MW-4	10/29/2004	101.03	55.80	NP	--	45.23	DNP	< 10000	**330**	< 100	< 100	< 100	< 100	**11000**	--	< 20000	**19000**	< 100	< 100	< 100	< 100	< 100	< 50
MW-4	1/11/2005	101.03	55.85	NP	--	45.18	DNP	< 25000	--	< 250	< 250	< 250	< 250	**8100**	--	< 50000	**21000**	< 250	< 250	< 250	< 250	< 250	< 50
MW-4	5/3/2005	101.03	55.84	NP	--	45.19	DNP	11000 N	--	< 100	< 100	< 100	< 100	**11000**	--	< 20000	**28000**	< 100	< 100	< 100	< 100	< 100	**64**
MW-4	8/3/2005	101.03	55.58	NP	--	45.45	DNP	< 10000	--	< 100	< 100	< 100	**400**	**4900**	--	< 20000	**21000**	< 100	< 100	< 100	< 100	< 100	< 50
MW-4	10/28/2005	101.03	55.50	NP	--	45.53	DNP	< 5000	--	< 50	< 50	< 50	< 50	**950**	--	< 10000	**11000**	< 50	< 50	< 50	< 50	< 50	< 47
MW-4	1/11/2006	101.03	55.43	NP	--	45.60	DNP	< 1000	--	< 10	< 10	< 10	< 10	**740**	--	< 6000	**2700**	< 10	< 10	< 10	< 10	< 10	< 48
MW-4	4/17/2006	101.03	55.47	NP	--	45.56	DNP	**3900**	--	< 25	< 25	< 25	< 25	**4600**	--	< 15000	**5200**	< 25	< 25	< 25	< 25	< 25	< 49
MW-4	7/18/2006	101.03	55.38	NP	--	45.65	DNP	**9300**	--	< 100	< 100	< 100	< 100	**9300**	--	< 60000	**18000**	< 100	< 100	< 100	< 100	< 100	< 47
MW-4	11/13/2006	101.03	55.32	NP	--	45.71	--	**450**	--	< 10	< 10	< 10	< 10	**620**	--	< 6000	**2300**	< 10	< 10	< 10	< 10	< 10	< 49
MW-4	1/12/2007	101.03	55.23	NP	--	45.80	--	**1400**	--	< 10	< 10	< 10	< 10	**2500**	--	< 6000	**2900**	< 10	< 10	< 10	< 10	< 10	< 49
MW-4	4/16/2007	101.03	55.28	NP	--	45.75	Past hold time (SS), DNP	1900 N	--	< 10	< 10	< 10	< 10	**2600**	--	< 6000	**2700**	< 10	< 10	< 10	< 10	< 10	< 51
MW-4	7/6/2007	101.03	55.44	NP	--	45.59	DNP	6600 N	--	< 50	< 50	< 50	< 50	**9800**	--	< 30000	**8900**	< 50	< 50	< 50	< 50	< 50	< 47
MW-4	10/4/2007	101.03	55.66	NP	--	45.37	DNP	9800 N	--	< 50	< 50	< 50	< 50	**16000**	--	< 30000	**22000**	< 50	< 50	< 50	< 50	< 50	< 47
MW-4	1/21/2008	101.03	55.81	NP	--	45.22	DNP	< 2500	--	< 25	< 25	< 25	< 25	**1900**	--	< 15000	**14000**	< 25	< 25	< 25	< 25	< 25	< 48
MW-4	4/17/2008	101.03	55.89	NP	--	45.14	DNP	**66**	--	**3.7**	< 0.50	< 0.50	**0.63**	**3200**	--	< 300	**6300**	< 0.50	< 0.50	**1.8**	< 0.50	< 0.50	54 N

TABLE 3
Historical Gauging and Analytical Data
ARCO Service Station No. 465
151 Southgate Avenue
Daly City, CA

Well I.D.	Date	GROUNDWATER ELEVATION DATA						GROUNDWATER ANALYTICAL DATA														
		TOC Elevation (ft)	Water Level Depth (ft)	LNAPL Depth (ft)	LNAPL Thickness (ft)	Water Level Elevation* (ft)	Qualifiers	GRO (ug/L)	DRO (ug/L)	Benzene (ug/L)	Toluene (ug/L)	Ethylbenzene (ug/L)	Xylene (Total) (ug/L)	MTBE (ug/L)	Naphthalene (ug/L)	Ethanol (ug/L)	TBA (ug/L)	DIPE (ug/L)	ETBE (ug/L)	TAME (ug/L)	1,2-DCA (ug/L)	EDB (ug/L)	Stoddard Solvent (ug/L)
MW-4	7/10/2008	101.03	55.81	NP	--	45.22	DNP	< 50	--	< 10	< 10	< 10	< 10	**510**	--	< 6000	**1900**	< 10	< 10	< 10	< 10	< 10	**100**
MW-4	10/16/2008	101.09	55.96	NP	--	45.13	DNP	< 50	--	< 10	< 10	< 10	< 10	**390**	--	< 6000	< 200	< 10	< 10	< 10	< 10	< 10	< 50
MW-4	1/22/2009	101.09	55.98	NP	--	45.11	DNP	< 50	--	< 10	< 10	< 10	< 10	**470**	--	< 6000	< 200	< 10	< 10	< 10	< 10	< 10	< 50
MW-4	4/22/2009	101.09	56.10	NP	--	44.99	DNP	**220**	--	< 10	< 10	< 10	< 10	**1400**	--	< 6000	**600**	< 10	< 10	< 10	< 10	< 10	< 50
MW-4	7/27/2009	101.09	56.22	NP	--	44.87	DNP	630 N	--	< 25	< 25	< 25	< 25	**1000**	--	< 15000	< 500	< 25	< 25	< 25	< 25	< 25	< 50
MW-4	10/30/2009	101.09	56.30	NP	--	44.79	DNP	140 N	--	< 20	< 20	< 20	< 20	**1200**	--	< 12000	< 400	< 20	< 20	< 20	< 20	< 20	< 50
MW-4	4/23/2010	101.09	56.32	NP	--	44.77	--	< 50	--	< 20	< 20	< 20	< 20	**6700**	--	< 12000	**2900**	< 20	< 20	< 20	< 20	< 20	--
MW-4	10/28/2010	101.09	56.17	NP	--	44.92	Grab sample, DNP	**85**	--	< 100	< 100	< 100	< 100	**13000**	--	< 60000	**19000**	< 100	< 100	< 100	< 100	< 100	< 50
MW-4	4/11/2011	101.09	56.22	NP	--	44.87	DNP	140 N	--	< 200	< 200	< 200	< 200	**15000**	--	< 120000	**26000**	< 200	< 200	< 200	< 200	< 200	< 50
MW-4	10/24/2011	100.87	55.91	NP	--	44.96	MD	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-4	10/25/2011	100.87	--	--	--	--	NG, DNP	< 50	--	< 5.0	< 5.0	< 5.0	< 5.0	**430**	--	< 3000	< 100	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 50
MW-4	4/4/2012	100.87	55.89	NP	--	44.98	MD	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-4	4/5/2012	100.87	--	--	--	--	NG, DNP	< 50	--	< 5.0	< 5.0	< 5.0	< 5.0	**270**	--	< 3000	< 100	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 50
MW-4	7/25/2012	100.87	56.11	NP	--	44.76	SV, DNP, Grab sample	< 50	--	< 0.50	< 0.50	< 0.50	< 1.0	**200**	--	< 150	< 10	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 47
MW-4	10/3/2012	100.87	56.17	NP	--	44.70	SV, DNP	< 50	--	< 0.50	< 0.50	< 0.50	< 1.0	**170**	--	< 150	< 10	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 48
MW-4	1/14/2013	100.87	56.30	NP	--	44.57	MD	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-4	1/15/2013	100.87	--	--	--	--	SV, DNP	< 50	--	< 0.50	< 0.50	< 0.50	< 1.0	**67**	--	< 150	< 10	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 48
MW-4	4/1/2013	100.87	56.10	NP	--	44.77	SV, DNP	< 50	--	< 0.50	< 0.50	< 0.50	< 1.0	**28**	--	--	< 10	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 48
MW-4	7/25/2013	100.87	56.01	NP	--	44.86	MD	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-4	7/26/2013	100.87	--	--	--	--	SV	< 50	--	< 0.50	< 0.50	< 0.50	< 1.0	**40**	--	< 150	< 10	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 47
MW-4	10/29/2013	100.87	56.40	NP	--	44.47	MD	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-4	10/30/2013	100.87	--	--	--	--	SV	< 50	--	< 0.50	< 0.50	< 0.50	< 1.0	**81**	--	< 150	< 10	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 47
MW-4	1/21/2014	100.87	56.51	NP	--	44.36	MD	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-4	1/22/2014	100.87	--	--	--	--	SV	< 50	--	< 0.50	< 0.50	< 0.50	< 1.0	**45**	--	--	< 10	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 48
MW-4	2/12/2015	100.87	57.01	NP	--	43.86	Grab sample, DNP	< 50	--	< 0.50	< 0.50	< 0.50	< 1.0	**12**	--	--	**19**	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 52
MW-4	9/14/2015	100.87	57.15	NP	--	43.72	MD	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-4	9/17/2015	--	--	--	--	--	--	< 50	--	< 0.50	< 0.50	< 0.50	< 1.0	**230**	--	< 150	**11**	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 47
MW-4	2/8/2016	100.87	56.63	NP	--	44.24	MD	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-4	2/10/2016	--	--	--	--	--	--	< 50	--	< 0.50	< 0.50	< 0.50	< 1.0	**190**	--	--	< 10	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 49
MW-4	7/25/2016	100.87	56.22	NP	--	44.65	MD	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-4	7/26/2016	--	--	--	--	--	--	< 50	--	< 0.50	< 0.50	< 0.50	< 1.0	**230**	< 1.0	< 150	< 10	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 48
MW-4	9/6/2017	100.87	55.72	NP	--	45.15	--	< 50	--	< 0.50	< 0.50	< 0.50	< 1.0	**21**	< 1.0	< 150	< 10	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 48
MW-4	2/13/2018	100.87	55.42	NP	--	45.45	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-4	2/15/2018	--	--	--	--	--	--	< 50	--	< 0.50	< 0.50	< 0.50	< 1.0	**11**	< 1.0	< 150	< 10	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 48
MW-4	4/24/2018	100.87	55.39	NP	--	45.48	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-4	9/28/2018	100.87	55.57	NP	--	45.30	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-4	1/29/2019	100.87	55.71	NP	--	45.16	--	< 50	--	< 0.50	< 0.50	< 0.50	< 1.0	**1.0**	< 1.0	< 150	< 10	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 48
MW-4	5/16/2019	100.87	55.99	NP	--	44.88	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-4	8/26/2019	100.87	55.92	NP	--	44.95	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-4	11/4/2019	100.87	55.99	NP	--	44.88	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-4	1/20/2020	100.87	55.90	NP	--	44.97	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-4	1/23/2020	100.87	--	--	--	--	NG	< 50	--	< 0.50	< 0.50	< 0.50	< 1.0	< 0.50	< 1.0	< 150	< 10	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 47
MW-4D	2/12/2015	100.61	145.82	NP	--	-45.21	MD, SU	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-4D	2/13/2015	100.61	--	--	--	--	MD, SU	< 50	--	< 0.50	< 0.50	< 0.50	< 1.0	**1.9**	--	--	< 10	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 51
MW-4D	6/16/2015	100.61	145.79	NP	--	-45.18	MD	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-4D	6/18/2015	--	--	--	--	--	--	< 50	--	< 0.50	< 0.50	< 0.50	< 1.0	**1.2**	--	< 150	< 10	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 51
MW-4D	9/14/2015	100.61	145.57	NP	--	-44.96	MD	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

TABLE 3
Historical Gauging and Analytical Data
ARCO Service Station No. 465
151 Southgate Avenue
Daly City, CA

Well I.D.	Date	GROUNDWATER ELEVATION DATA						GROUNDWATER ANALYTICAL DATA														
		TOC Elevation (ft)	Water Level Depth (ft)	LNAPL Depth (ft)	LNAPL Thickness (ft)	Water Level Elevation* (ft)	Qualifiers	GRO (ug/L)	DRO (ug/L)	Benzene (ug/L)	Toluene (ug/L)	Ethylbenzene (ug/L)	Xylene (Total) (ug/L)	MTBE (ug/L)	Naphthalene (ug/L)	Ethanol (ug/L)	TBA (ug/L)	DIPE (ug/L)	ETBE (ug/L)	TAME (ug/L)	1,2-DCA (ug/L)	EDB (ug/L)	Stoddard Solvent (ug/L)
MW-4D	9/17/2015	--	--	--	--	--	--	< 50	--	< 0.50	< 0.50	< 0.50	< 1.0	< 0.50	--	< 150	< 10	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 47
MW-4D	12/2/2015	100.61	145.57	NP	--	-44.96	--	< 50	--	< 0.50	< 0.50	< 0.50	< 1.0	< 0.50	--	< 150	< 10	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 51
MW-4D	2/8/2016	100.61	145.38	NP	--	-44.77	MD	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-4D	2/10/2016	--	--	--	--	--	--	< 50	--	< 0.50	< 0.50	< 0.50	< 1.0	< 0.50	--	--	< 10	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 47
MW-4D	7/25/2016	100.61	144.81	NP	--	-44.20	MD	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-4D	7/26/2016	--	--	--	--	--	--	< 50	--	< 0.50	< 0.50	< 0.50	< 1.0	< 0.50	< 1.0	< 150	< 10	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 50
MW-4D	9/6/2017	100.61	139.58	NP	--	-38.97	--	< 50	--	< 0.50	< 0.50	< 0.50	< 1.0	< 0.50	< 1.0	< 150	< 10	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 47
MW-4D	2/13/2018	100.61	136.36	NP	--	-35.75	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-4D	2/15/2018	--	--	--	--	--	--	< 50	--	< 0.50	< 0.50	< 0.50	< 1.0	< 0.50	< 1.0	< 150	< 10	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 49
MW-4D	4/24/2018	100.61	135.22	NP	--	-34.61	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-4D	9/28/2018	100.61	132.84	NP	--	-32.23	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-4D	1/28/2019	100.61	130.93	NP	--	-30.32	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-4D	1/31/2019	100.61	--	--	--	--	NG	< 50	--	< 0.50	< 0.50	< 0.50	< 1.0	< 0.50	< 1.0	< 150	< 10	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 48
MW-4D	3/25/2019	100.61	130.76	NP	--	-30.15	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-4D	5/16/2019	100.61	130.35	NP	--	-29.74	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-4D	6/3/2019	100.61	129.61	NP	--	-28.99	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-4D	6/6/2019	--	--	--	--	--	--	< 50	--	< 0.50	< 0.50	< 0.50	< 1.0	< 0.50	< 1.0	< 150LQ	< 10LQ	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 48
MW-4D	8/26/2019	100.61	129.19	NP	--	-28.58	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-4D	11/4/2019	100.61	129.19	NP	--	-28.58	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-4D	1/20/2020	100.61	127.80	NP	--	-27.19	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-4D	1/23/2020	100.61	--	--	--	--	NG	< 50	--	< 0.50	< 0.50	< 0.50	< 1.0	< 0.50	< 1.0	< 150	< 10	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 48
MW-5	12/31/2001	104.37	--	--	--	--	Dry	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-5	3/18/2002	104.37	--	--	--	--	Dry	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-5	6/27/2002	104.37	59.62	NP	--	44.75	d	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-5	9/25/2002	104.37	--	--	--	--	Dry	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-5	12/13/2002	104.37	--	--	--	--	Dry	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-5	3/28/2003	104.37	59.63	NP	--	44.74	d	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-5	3/31/2003	104.37	--	--	--	--	Dry	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-5	5/6/2003	104.37	59.60	NP	--	44.77	d	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-5	7/22/2003	104.37	59.56	NP	--	44.81	d	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-5	10/21/2003	104.37	59.66	NP	--	44.71	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-5	2/3/2004	104.37	59.62	NP	--	44.75	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-5	4/14/2004	104.37	59.64	NP	--	44.73	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-5	7/20/2004	104.37	59.68	NP	--	44.69	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-5	10/29/2004	104.37	59.50	NP	--	44.87	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-5	1/11/2005	104.37	59.67	NP	--	44.70	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-5	5/3/2005	104.37	59.58	NP	--	44.79	Dry	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-5	8/3/2005	104.37	59.60	NP	--	44.77	Dry	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-5	10/28/2005	104.37	59.57	NP	--	44.80	Dry	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-5	1/11/2006	104.37	59.62	NP	--	44.75	Dry	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-5	4/17/2006	104.37	59.19	NP	--	45.18	Dry	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-5	7/18/2006	104.37	58.77	NP	--	45.60	Dry	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-5	11/13/2006	104.37	58.75	NP	--	45.62	Dry	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-5	1/12/2007	104.37	58.71	NP	--	45.66	Dry	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-5	4/16/2007	104.37	58.71	NP	--	45.66	--	370000 N	--	< 1000	**4600**	< 1000	**10000**	**510000**	--	< 600000	**45000**	< 1000	< 1000	< 1000	< 1000	< 1000	--
MW-5	7/6/2007	104.37	58.76	NP	--	45.61	--	**200000**	--	< 2500	< 2500	< 2500	**3200**	**270000**	--	< 1500000	< 100000	< 2500	< 2500	< 2500	< 2500	< 2500	3700 N
MW-5	10/4/2007	104.37	58.90	NP	--	45.47	IW, VOL	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-5	1/21/2008	104.37	59.02	NP	--	45.35	IW, VOL	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-5	4/17/2008	104.37	58.95	NP	--	45.42	IW, VOL	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-5	7/10/2008	104.37	59.00	NP	--	45.37	--	**35000**	--	< 1000	< 1000	< 1000	**14000**	**440000**	--	< 600000	**110000**	< 1000	< 1000	< 1000	< 1000	< 1000	--
MW-5	10/16/2008	103.59	59.40	NP	--	44.19	IW, VOL	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-5	1/22/2009	103.59	--	--	--	--	Dry	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

TABLE 3
Historical Gauging and Analytical Data
ARCO Service Station No. 465
151 Southgate Avenue
Daly City, CA

Well I.D.	Date	GROUNDWATER ELEVATION DATA						GROUNDWATER ANALYTICAL DATA															
		TOC Elevation (ft)	Water Level Depth (ft)	LNAPL Depth (ft)	LNAPL Thickness (ft)	Water Level Elevation* (ft)	Qualifiers	GRO (ug/L)	DRO (ug/L)	Benzene (ug/L)	Toluene (ug/L)	Ethylbenzene (ug/L)	Xylene (Total) (ug/L)	MTBE (ug/L)	Naphthalene (ug/L)	Ethanol (ug/L)	TBA (ug/L)	DIPE (ug/L)	ETBE (ug/L)	TAME (ug/L)	1,2-DCA (ug/L)	EDB (ug/L)	Stoddard Solvent (ug/L)
MW-5	4/22/2009	103.59	59.38	NP	--	44.21	Dry	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-5	7/27/2009	103.59	--	--	--	--	Dry	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-5	10/30/2009	103.59	59.40	NP	--	44.19	IW, VOL	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-5	4/23/2010	103.59	59.22	NP	--	44.37	--	**4300**	--	< 10	**35**	**16**	**350**	**55000**	--	< 6000	**89000**	< 10	< 10	**35**	< 10	< 10	--
MW-5	10/28/2010	103.59	59.42	NP	--	44.17	IW, VOL	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-5	4/11/2011	103.59	--	--	--	--	Dry	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-5	10/24/2011	102.81	58.96	NP	--	43.85	IW, VOL	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-5	4/4/2012	102.81	58.90	NP	--	43.91	IW, VOL	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-5	7/25/2012	102.81	58.98	NP	--	43.83	IW, VOL	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-5	10/3/2012	102.81	58.91	NP	--	43.90	IW, VOL	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-5	1/14/2013	102.81	58.80	NP	--	44.01	IW	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-5	4/1/2013	102.81	59.00	NP	--	43.81	IW, VOL	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-5	7/25/2013	102.81	58.77	NP	--	44.04	IW, Stagnant water	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-5	10/29/2013	102.81	58.57	NP	--	44.24	IW, Stagnant water	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-5	1/21/2014	102.81	58.48	NP	--	44.33	IW, VOL	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-5	7/1/2014	102.81	56.91	NP	--	45.90	MD	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-5	7/2/2014	102.81	--	--	--	--	SV	< 50	--	< 0.50	**0.75**	**0.55**	< 1.0	**38**	--	--	**360**	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 47
MW-5	2/9/2015	102.81	58.55	NP	--	44.26	Stagnant water	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-5	9/14/2015	102.81	58.47	NP	--	44.34	IW, Stagnant water	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-5	2/8/2016	102.81	58.48	NP	--	44.33	Grab sample, MD	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-5	2/10/2016	102.81	--	--	--	--	NG, DNP	< 50	--	< 0.50	< 0.50	< 0.50	< 1.0	**2.5**	--	--	< 10	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	--
MW-5	7/25/2016	102.81	58.70	NP	--	44.11	IW, VOL	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-5	9/6/2017	103.25 ^	58.55	NP	--	44.70	--	< 50	--	< 0.50	< 0.50	< 0.50	< 1.0	**1.4**	< 1.0	< 150	< 10	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	--
MW-5	2/13/2018	103.25 ^	58.91	NP	--	44.34	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-5	4/24/2018	103.25 ^	58.82	NP	--	44.43	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-5	9/28/2018	103.25 ^	58.83	NP	--	44.42	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-5	1/28/2019	103.25 ^	58.81	NP	--	44.44	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-5	5/16/2019	103.25 ^	58.85	NP	--	44.40	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-5	8/26/2019	103.25 ^	58.85	NP	--	44.40	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-5	11/4/2019	103.25 ^	58.85	NP	--	44.40	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-5	1/20/2020	103.25 ^	58.83	NP	--	44.42	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-5D	2/9/2015	104.20	149.13	NP	--	-44.93	MD	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-5D	2/13/2015	--	--	--	--	--	--	< 50	--	< 0.50	< 0.50	< 0.50	< 1.0	< 0.50	--	--	< 10	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 51
MW-5D	6/16/2015	104.20	149.02	NP	--	-44.82	MD	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-5D	6/18/2015	--	--	--	--	--	--	< 50	--	< 0.50	< 0.50	< 0.50	< 1.0	< 0.50	--	< 150	< 10	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 53
MW-5D	9/14/2015	104.20	148.80	NP	--	-44.60	MD	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-5D	9/17/2015	--	--	--	--	--	--	< 50	--	< 0.50	< 0.50	< 0.50	< 1.0	< 0.50	--	< 150	< 10	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 47
MW-5D	12/2/2015	104.20	148.97	NP	--	-44.77	--	< 50	--	< 0.50	< 0.50	< 0.50	< 1.0	< 0.50	--	< 150	< 10	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 50
MW-5D	2/8/2016	104.20	148.61	NP	--	-44.41	MD	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-5D	2/10/2016	--	--	--	--	--	--	< 50	--	< 0.50	< 0.50	< 0.50	< 1.0	< 0.50	--	--	< 10	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 47
MW-5D	7/25/2016	104.20	148.00	NP	--	-43.80	MD	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-5D	7/26/2016	--	--	--	--	--	--	< 50	--	< 0.50	< 0.50	< 0.50	< 1.0	< 0.50	< 1.0	< 150	< 10	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 48
MW-5D	9/6/2017	104.20	142.79	NP	--	-38.59	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-5D	9/7/2017	--	--	--	--	--	--	< 50	--	< 0.50	< 0.50	< 0.50	< 1.0	< 0.50	< 1.0	< 150	< 10	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 49
MW-5D	2/13/2018	104.20	139.60	NP	--	-35.40	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-5D	2/15/2018	--	--	--	--	--	--	< 50	--	< 0.50	< 0.50	< 0.50	< 1.0	**1.4**	< 1.0	< 150	< 10	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 50

TABLE 3
Historical Gauging and Analytical Data
ARCO Service Station No. 465
151 Southgate Avenue
Daly City, CA

Well I.D.	Date	GROUNDWATER ELEVATION DATA						GROUNDWATER ANALYTICAL DATA															
		TOC Elevation (ft)	Water Level Depth (ft)	LNAPL Depth (ft)	LNAPL Thickness (ft)	Water Level Elevation* (ft)	Qualifiers	GRO (ug/L)	DRO (ug/L)	Benzene (ug/L)	Toluene (ug/L)	Ethylbenzene (ug/L)	Xylene (Total) (ug/L)	MTBE (ug/L)	Naphthalene (ug/L)	Ethanol (ug/L)	TBA (ug/L)	DIPE (ug/L)	ETBE (ug/L)	TAME (ug/L)	1,2-DCA (ug/L)	EDB (ug/L)	Stoddard Solvent (ug/L)
MW-5D	4/24/2018	104.20	138.44	NP	--	-34.24	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-5D	9/28/2018	104.20	136.20	NP	--	-32.00	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-5D	1/28/2019	104.20	134.23	NP	--	-30.03	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-5D	1/31/2019	104.20	--	--	--	--	NG	< 50	--	< 0.50	< 0.50	< 0.50	< 1.0	< 0.50	< 1.0	< 150	< 10	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 48
MW-5D	3/25/2019	104.20	134.05	NP	--	-29.85	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-5D	5/16/2019	104.20	133.58	NP	--	-29.38	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-5D	6/3/2019	104.20	132.97	NP	--	-28.77	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-5D	6/5/2019	--	--	--	--	--	--	< 50	--	< 0.50	< 0.50	< 0.50	< 1.0	< 0.50	< 1.0	< 150LQ	< 10LQ	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 48
MW-5D	8/26/2019	104.20	132.57	NP	--	-28.37	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-5D	11/4/2019	104.20	132.57	NP	--	-28.37	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-5D	1/20/2020	104.20	131.19	NP	--	-26.99	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-5D	1/23/2020	104.20	--	--	--	--	NG	< 50	--	< 0.50	< 0.50	< 0.50	< 1.0	< 0.50	< 1.0	< 150	< 10	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 48
MW-6	12/31/2001	103.52	57.78	NP	--	45.74	b	**860**	--	**74**	**37**	**2.1**	**150**	**7200**	--	--	--	--	--	--	--	--	--
MW-6	3/18/2002	103.52	57.84	NP	--	45.68	c	< 500	--	< 5.0	< 5.0	< 5.0	< 5.0	**3900**	--	--	--	--	--	--	--	--	--
MW-6	6/27/2002	103.52	57.70	NP	--	45.82	--	**160**	--	**4.6**	**2.1**	**1.4**	**3.4**	**2700**	--	--	--	--	--	--	--	--	--
MW-6	9/25/2002	103.52	57.75	NP	--	45.77	e, f, g	620 N	--	< 5.0	< 5.0	< 5.0	< 5.0	**4000**	--	--	--	--	--	--	--	--	**95**
MW-6	12/13/2002	103.52	57.73	NP	--	45.79	e, g, h	5400 N	--	**1.6**	**1.6**	< 0.50	**2.0**	**3900**	--	--	--	--	--	--	--	--	**130**
MW-6	3/28/2003	103.52	57.75	NP	--	45.77	--	< 5000 N	--	< 500	< 500	< 500	< 500	**14000**	--	< 100000	< 20000	< 500	< 500	< 500	< 500	< 500	--
MW-6	3/31/2003	103.52	57.69	NP	--	45.83	e, g	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	**130**
MW-6	5/6/2003	103.52	57.72	NP	--	45.80	e, g	< 50 N	--	< 50	< 50	< 50	< 50	**3900**	--	< 10000	**2400**	< 500	< 500	< 500	--	--	**130**
MW-6	7/22/2003	103.52	57.65	NP	--	45.87	--	13000 N	--	< 50	< 50	< 50	< 50	**7800**	--	< 10000	< 2000	< 50	< 50	< 50	< 50	< 50	**230**
MW-6	10/21/2003	103.52	57.80	NP	--	45.72	--	**3900**	**850**	< 25	< 25	< 25	< 25	**4200**	--	< 5000	< 1000	< 25	< 25	< 25	--	--	**280**
MW-6	2/3/2004	103.52	57.74	NP	--	45.78	--	**11000**	--	< 50	< 50	< 50	< 50	**6800**	--	< 10000	< 2000	< 50	< 50	< 50	< 50	< 50	**300**
MW-6	4/14/2004	103.52	57.73	NP	--	45.79	--	**2700**	--	< 250	< 250	< 250	< 250	**9200**	--	< 50000	< 10000	< 500	< 500	< 500	< 250	< 250	**240**
MW-6	7/20/2004	103.52	57.60	NP	--	45.92	--	< 50000	--	< 500	< 500	< 500	< 500	**12000**	--	< 100000	< 20000	< 500	< 500	< 500	< 500	< 500	**340**
MW-6	10/29/2004	103.52	57.99	NP	--	45.53	--	< 25000	**1100**	< 250	< 250	< 250	< 250	**16000**	--	< 50000	< 10000	< 250	< 250	< 250	< 250	< 250	**740**
MW-6	1/11/2005	103.52	57.55	NP	--	45.97	--	< 25000	--	< 250	< 250	< 250	< 250	**13000**	--	< 50000	< 10000	< 250	< 250	< 250	< 250	< 250	**240**
MW-6	5/3/2005	103.52	57.45	NP	--	46.07	--	13000 N	--	< 100	< 100	< 100	< 100	**14000**	--	< 20000	**12000**	< 100	< 100	< 100	< 100	< 100	**830**
MW-6	8/3/2005	103.52	57.24	NP	--	46.28	--	< 10 N	--	**300**	< 100	**110**	**330**	**13000**	--	< 20000	**18000**	< 100	< 100	< 100	< 100	< 100	< 50
MW-6	10/28/2005	103.52	57.20	NP	--	46.32	--	< 10 N	--	< 100	< 100	< 100	< 100	**11000**	--	< 20000	**26000**	< 100	< 100	< 100	< 100	< 100	< 48
MW-6	1/11/2006	103.52	57.23	NP	--	46.29	--	< 10 N	--	< 100	< 100	< 100	< 100	**8300**	--	< 60000	**23000**	< 100	< 100	< 100	< 100	< 100	**210**
MW-6	4/17/2006	103.52	57.29	NP	--	46.23	--	< 10 N	--	< 100	< 100	< 100	< 100	**7500**	--	< 60000	**21000**	< 100	< 100	< 100	< 100	< 100	**410**
MW-6	7/18/2006	103.52	57.02	NP	--	46.50	--	**8700**	--	< 50	< 50	< 50	< 50	**9400**	--	< 30000	**19000**	< 50	< 50	< 50	< 50	< 50	**170**
MW-6	11/13/2006	103.52	57.00	NP	--	46.52	--	**3600**	--	< 100	< 100	< 100	< 100	**9300**	--	< 60000	**25000**	< 100	< 100	< 100	< 100	< 100	< 47
MW-6	1/12/2007	103.52	56.94	NP	--	46.58	--	**5200**	--	< 50	< 50	< 50	< 50	**9000**	--	< 30000	**30000**	< 50	< 50	< 50	< 50	< 50	**120**
MW-6	4/16/2007	103.52	57.05	NP	--	46.47	--	8900 N	--	< 50	< 50	< 50	< 50	**10000**	--	< 30000	**35000**	< 50	< 50	< 50	< 50	< 50	< 47
MW-6	7/6/2007	103.52	57.15	NP	--	46.37	--	3800 N	--	< 50	< 50	< 50	< 50	**5500**	--	< 30000	**32000**	< 50	< 50	< 50	< 50	< 50	250 N
MW-6	10/4/2007	103.52	57.35	NP	--	46.17	--	8100 N	--	< 50	< 50	< 50	< 50	**12000**	--	< 30000	**39000**	< 50	< 50	< 50	< 50	< 50	88 N
MW-6	1/21/2008	103.52	57.48	NP	--	46.04	--	6400 N	--	< 50	< 50	< 50	< 50	**11000**	--	< 30000	**38000**	< 50	< 50	< 50	< 50	< 50	570 N
MW-6	4/17/2008	103.52	57.60	NP	--	45.92	--	**99**	--	< 0.50	< 0.50	< 0.50	< 0.50	**12000**	--	< 300	**21000**	< 0.50	< 0.50	**6.7**	< 0.50	< 0.50	650 N
MW-6	7/10/2008	103.52	57.56	NP	--	45.96	--	**160**	--	< 200	< 200	< 200	< 200	**15000**	--	< 120000	**42000**	< 200	< 200	< 200	< 200	< 200	**680**
MW-6	10/16/2008	102.74	57.63	NP	--	45.11	--	**140**	--	< 200	< 200	< 200	< 200	**6900**	--	< 120000	**35000**	< 200	< 200	< 200	< 200	< 200	720 N
MW-6	1/22/2009	102.74	57.65	NP	--	45.09	--	**230**	--	< 200	< 200	< 200	< 200	**12000**	--	< 120000	**31000**	< 200	< 200	< 200	< 200	< 200	630 N
MW-6	4/22/2009	102.74	57.74	NP	--	45.00	--	**1200**	--	< 200	< 200	< 200	< 200	**14000**	--	< 120000	**55000**	< 200	< 200	< 200	< 200	< 200	590 N
MW-6	7/27/2009	102.74	--	--	--	--	NG, Not monitored	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-6	10/30/2009	102.74	57.60	NP	--	45.14	--	1100 N	--	< 200	< 200	< 200	< 200	**12000**	--	< 120000	**54000**	< 200	< 200	< 200	< 200	< 200	**170**
MW-6	5/27/2010	102.74	57.99	NP	--	44.75	--	210 N	--	< 200	< 200	< 200	< 200	**27000**	--	< 120000	**76000**	< 200	< 200	< 200	< 200	< 200	530 N
MW-6	10/28/2010	102.74	57.84	NP	--	44.90	--	**220**	--	< 200	< 200	< 200	< 200	**6300**	--	< 120000	**46000**	< 200	< 200	< 200	< 200	< 200	730 N
MW-6	4/11/2011	102.74	57.89	NP	--	44.85	--	200 N	--	< 200	< 200	< 200	< 200	**3900**	--	< 120000	**46000**	< 200	< 200	< 200	< 200	< 200	610 N
MW-6	10/24/2011	102.33	57.60	NP	--	44.73	MD	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-6	10/25/2011	--	--	--	--	--	--	320 N	--	< 200	< 200	< 200	< 200	**7100**	--	< 120000	**50000**	< 200	< 200	< 200	< 200	< 200	620 N

TABLE 3
Historical Gauging and Analytical Data
ARCO Service Station No. 465
151 Southgate Avenue
Daly City, CA

Well I.D.	Date	GROUNDWATER ELEVATION DATA						GROUNDWATER ANALYTICAL DATA														
		TOC Elevation (ft)	Water Level Depth (ft)	LNAPL Depth (ft)	LNAPL Thickness (ft)	Water Level Elevation* (ft)	Qualifiers	GRO (ug/L)	DRO (ug/L)	Benzene (ug/L)	Toluene (ug/L)	Ethylbenzene (ug/L)	Xylene (Total) (ug/L)	MTBE (ug/L)	Naphthalene (ug/L)	Ethanol (ug/L)	TBA (ug/L)	DIPE (ug/L)	ETBE (ug/L)	TAME (ug/L)	1,2-DCA (ug/L)	EDB (ug/L)	Stoddard Solvent (ug/L)
MW-6	4/4/2012	102.33	57.56	NP	--	44.77	MD	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-6	4/5/2012	--	--	--	--	--	--	93 N	--	< 200	< 200	< 200	< 200	**2600**	--	< 120000	**59000**	< 200	< 200	< 200	< 200	< 200	**610**
MW-6	7/25/2012	102.33	57.78	NP	--	44.55	MD	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-6	7/26/2012	102.33	--	--	--	--	SV	**120**	--	< 20	< 20	< 20	< 40	**6800**	--	< 6000	**67000**	< 20	< 20	< 20	< 20	< 20	**630**
MW-6	10/3/2012	102.33	57.77	NP	--	44.56	SV	< 5000	--	< 50	< 50	< 50	< 100	**28000**	--	< 15000	**130000**	< 50	< 50	< 50	< 50	< 50	**640**
MW-6	1/14/2013	102.33	58.00	NP	--	44.33	MD	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-6	1/15/2013	102.33	--	--	--	--	SV	< 250	--	< 10	< 10	< 10	< 20	**6400**	--	< 3000	**40000**	< 10	< 10	< 10	< 10	< 10	**870**
MW-6	4/1/2013	102.33	57.67	NP	--	44.66	MD	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-6	4/2/2013	102.33	--	--	--	--	SV	< 500	--	< 20	< 20	< 20	< 40	**8200**	--	--	**31000**	< 20	< 20	< 20	< 20	< 20	**480**
MW-6	7/25/2013	102.33	57.52	NP	--	44.81	MD	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-6	7/26/2013	102.33	--	--	--	--	SV	< 500	--	< 10	< 10	< 10	< 20	**2200**	--	< 3000	**23000**	< 10	< 10	< 10	< 10	< 10	**260**
MW-6	10/29/2013	102.33	58.00	NP	--	44.33	MD	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-6	10/30/2013	102.33	--	--	--	--	SV	< 500	--	< 5.0	< 5.0	< 5.0	< 10	**3000**	--	< 1500	**25000**	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	**360**
MW-6	1/21/2014	102.33	58.18	NP	--	44.15	MD	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-6	1/22/2014	102.33	--	--	--	--	SV	< 50	--	< 10	< 10	< 10	< 20	**4700**	--	--	**28000**	< 10	< 10	< 10	< 10	< 10	**53**
MW-6	7/1/2014	102.33	58.04	NP	--	44.29	MD	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-6	7/2/2014	102.33	--	--	--	--	SV	< 100	--	< 10	< 10	< 10	< 20	**1200**	--	--	**11000**	< 10	< 10	< 10	< 10	< 10	< 47
MW-6	2/9/2015	102.33	58.68	NP	--	43.65	MD	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-6	2/12/2015	102.33	--	--	--	--	NG, Grab sample, DNP	< 50	--	< 2.5	< 2.5	< 2.5	< 5.0	**270**	--	--	**8500**	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5	**62**
MW-6	9/14/2015	102.33	58.77	NP	--	43.56	Grab sample, DNP	< 50	--	< 0.50	< 0.50	< 0.50	< 1.0	**18**	--	< 150	**5500**	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 47
MW-6	2/8/2016	102.33	58.23	NP	--	44.10	Grab sample, MD	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-6	2/10/2016	102.33	--	--	--	--	NG, DNP	< 50	--	< 5.0	< 5.0	< 5.0	< 10	**820**	--	--	**4600**	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 51
MW-6	7/25/2016	102.33	57.87	NP	--	44.46	MD	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-6	7/26/2016	102.33	--	--	--	--	NG, DNP	< 50	--	< 10	< 10	< 10	< 20	**610**	< 20	< 3000	**5600**	< 10	< 10	< 10	< 10	< 10	< 47
MW-6	9/6/2017	102.33	57.39	NP	--	44.94	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-6	9/7/2017	--	--	--	--	--	--	< 50	--	< 2.5	< 2.5	< 2.5	< 5.0	**200**	< 5.0	< 750	**2800**	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5	< 48
MW-6	2/13/2018	102.33	57.11	NP	--	45.22	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-6	2/15/2018	--	--	--	--	--	--	< 50	--	< 0.50	< 0.50	< 0.50	< 1.0	**79**	< 1.0	< 150	**150**	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 48
MW-6	4/24/2018	102.33	57.08	NP	--	45.25	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-6	9/28/2018	102.33	57.27	NP	--	45.06	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-6	1/28/2019	102.33	57.41	NP	--	44.92	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-6	1/31/2019	102.33	--	--	--	--	NG	< 50	--	< 0.50	< 0.50	< 0.50	< 1.0	**89**	< 1.0	< 150	**81**	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 48
MW-6	5/16/2019	102.33	57.70	NP	--	44.63	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-6	8/26/2019	102.33	55.68	NP	--	46.65	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-6	11/4/2019	102.33	57.68	NP	--	44.65	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-6	1/20/2020	102.33	57.64	NP	--	44.69	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-6	1/24/2020	102.33	--	--	--	--	NG	< 50	--	< 0.50	< 0.50	< 0.50	< 1.0	**67**	< 1.0	< 150	**240**	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 48
MW-6D	2/9/2015	104.52	148.95	NP	--	-44.43	MD	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-6D	2/10/2015	--	--	--	--	--	--	< 50	--	< 0.50	< 0.50	< 0.50	< 1.0	< 0.50	--	--	< 10	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	**1100**
MW-6D	6/16/2015	104.52	148.82	NP	--	-44.30	MD	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-6D	6/17/2015	--	--	--	--	--	--	< 50	--	< 0.50	< 0.50	< 0.50	< 1.0	< 0.50	--	< 150	< 10	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 51
MW-6D	9/14/2015	104.52	148.66	NP	--	-44.14	MD	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-6D	9/17/2015	--	--	--	--	--	--	< 50	--	< 0.50	< 0.50	< 0.50	< 1.0	< 0.50	--	< 150	< 10	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 49
MW-6D	12/2/2015	104.52	148.78	NP	--	-44.26	MD	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-6D	12/3/2015	--	--	--	--	--	--	< 50	--	< 0.50	< 0.50	< 0.50	< 1.0	< 0.50	--	< 150	< 10	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 51
MW-6D	2/8/2016	104.52	148.51	NP	--	-43.99	MD	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-6D	2/10/2016	--	--	--	--	--	--	< 50	--	< 0.50	< 0.50	< 0.50	< 1.0	< 0.50	--	--	< 10	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 47
MW-6D	7/25/2016	104.52	147.87	NP	--	-43.35	--	< 50	--	< 0.50	< 0.50	< 0.50	< 1.0	< 0.50	< 1.0	< 150	< 10	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 57

TABLE 3
Historical Gauging and Analytical Data
ARCO Service Station No. 465
151 Southgate Avenue
Daly City, CA

Well I.D.	Date	GROUNDWATER ELEVATION DATA						GROUNDWATER ANALYTICAL DATA															
		TOC Elevation (ft)	Water Level Depth (ft)	LNAPL Depth (ft)	LNAPL Thickness (ft)	Water Level Elevation* (ft)	Qualifiers	GRO (ug/L)	DRO (ug/L)	Benzene (ug/L)	Toluene (ug/L)	Ethylbenzene (ug/L)	Xylene (Total) (ug/L)	MTBE (ug/L)	Naphthalene (ug/L)	Ethanol (ug/L)	TBA (ug/L)	DIPE (ug/L)	ETBE (ug/L)	TAME (ug/L)	1,2-DCA (ug/L)	EDB (ug/L)	Stoddard Solvent (ug/L)
MW-6D	5/16/2017	104.52	133.80	NP	--	-29.28	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-6D	9/6/2017	104.52	142.83	NP	--	-38.31	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-6D	9/7/2017	--	--	--	--	--	--	< 50	--	< 0.50	< 0.50	< 0.50	< 1.0	< 0.50	< 1.0	< 150	< 10	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 52
MW-6D	2/13/2018	104.52	139.75	NP	--	-35.23	--	< 50	--	< 0.50	< 0.50	< 0.50	< 1.0	< 0.50	< 1.0	< 150	< 10	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 50
MW-6D	4/24/2018	104.52	138.61	NP	--	-34.09	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-6D	9/28/2018	104.52	136.40	NP	--	-31.88	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-6D	1/28/2019	104.52	134.49	NP	--	-29.97	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-6D	1/29/2019	104.52	--	--	--	--	NG	< 50	--	< 0.50	< 0.50	< 0.50	< 1.0	< 0.50	< 1.0	< 150	< 10	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 49
MW-6D	3/25/2019	104.52	134.26	NP	--	-29.74	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-6D	6/3/2019	104.52	133.21	NP	--	-28.69	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-6D	6/5/2019	--	--	--	--	--	--	< 50	--	< 0.50	< 0.50	< 0.50	< 1.0	< 0.50	< 1.0	< 150LQ	< 10LQ	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 48
MW-6D	8/26/2019	104.52	132.76	NP	--	-28.24	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-6D	11/4/2019	104.52	132.83	NP	--	-28.31	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-6D	1/20/2020	104.52	131.47	NP	--	-26.95	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-6D	1/21/2020	104.52	--	--	--	--	NG	< 50	--	< 0.50	< 0.50	< 0.50	< 1.0	< 0.50	< 1.0	< 150	< 10	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 48
MW-7	10/16/2008	98.28	53.12	NP	--	45.16	--	< 50	--	< 0.50	< 0.50	< 0.50	< 0.50	**13**	--	< 300	< 10	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 50
MW-7	1/22/2009	98.28	53.30	NP	--	44.98	--	< 50	--	< 0.50	< 0.50	< 0.50	< 0.50	**9.4**	--	< 300	< 10	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 50
MW-7	4/22/2009	98.28	53.24	NP	--	45.04	--	< 50	--	< 0.50	< 0.50	< 0.50	< 0.50	**7.3**	--	< 300	< 10	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 50
MW-7	7/27/2009	98.28	54.00	NP	--	44.28	--	< 50	--	< 0.50	< 0.50	< 0.50	< 0.50	**10**	--	< 300	< 10	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 50
MW-7	10/30/2009	98.28	53.50	NP	--	44.78	--	< 50	--	< 0.50	< 0.50	< 0.50	< 0.50	**5.3**	--	< 300	< 10	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 50
MW-7	4/23/2010	98.28	53.55	NP	--	44.73	--	< 50	--	< 0.50	< 0.50	< 0.50	**0.64**	**3**	--	< 300	< 10	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	--
MW-7	10/28/2010	98.28	53.31	NP	--	44.97	--	< 50	--	< 0.50	< 0.50	< 0.50	< 0.50	**1.9**	--	< 300	< 10	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 50
MW-7	4/11/2011	98.28	53.39	NP	--	44.89	--	< 50	--	< 0.50	< 0.50	< 0.50	< 0.50	**0.60**	--	< 300	< 10	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 50
MW-7	10/24/2011	98.15	53.11	NP	--	45.04	MD	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-7	10/25/2011	--	--	--	--	--	--	< 50	--	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	--	< 300	< 10	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 50
MW-7	4/4/2012	98.15	53.07	NP	--	45.08	MD	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-7	4/5/2012	--	--	--	--	--	--	< 50	--	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	--	< 300	< 10	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 50
MW-7	7/25/2012	98.15	53.28	NP	--	44.87	MD	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-7	7/26/2012	98.15	--	--	--	--	SV	< 50	--	< 0.50	< 0.50	< 0.50	< 1.0	**0.90**	--	< 150	< 10	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 47
MW-7	10/3/2012	98.15	53.35	NP	--	44.80	SV	< 50	--	< 0.50	< 0.50	< 0.50	< 1.0	< 0.50	--	< 150	< 10	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 48
MW-7	1/14/2013	98.15	53.50	NP	--	44.65	MD	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-7	1/15/2013	98.15	--	--	--	--	SV	< 50	--	< 0.50	< 0.50	< 0.50	< 1.0	**0.62**	--	< 150	< 10	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 47
MW-7	4/1/2013	98.15	53.60	NP	--	44.55	MD	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-7	4/2/2013	98.15	--	--	--	--	SV	< 50	--	< 0.50	< 0.50	< 0.50	< 1.0	< 0.50	--	--	< 10	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 48
MW-7	7/25/2013	98.15	54.58	NP	--	43.57	MD	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-7	7/26/2013	98.15	--	--	--	--	SV	< 50	--	< 0.50	< 0.50	< 0.50	< 1.0	< 0.50	--	< 150	< 10	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 48
MW-7	10/29/2013	98.15	53.61	NP	--	44.54	SV	< 50	--	< 0.50	< 0.50	< 0.50	< 1.0	< 0.50	--	< 150	< 10	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 47
MW-7	1/21/2014	98.15	54.19	NP	--	43.96	Grab sample, MD	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-7	1/22/2014	98.15	--	--	--	--	SV, DNP	< 50	--	< 0.50	< 0.50	< 0.50	< 1.0	< 0.50	--	--	< 10	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 48
MW-7	2/9/2015	98.15	54.20	NP	--	43.95	MD	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-7	2/10/2015	--	--	--	--	--	--	< 50	--	< 0.50	< 0.50	< 0.50	< 1.0	< 0.50	--	--	< 10	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	**520**
MW-7	2/8/2016	98.15	53.76	NP	--	44.39	MD	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-7	2/10/2016	--	--	--	--	--	--	< 50	--	< 0.50	< 0.50	< 0.50	< 1.0	< 0.50	--	--	< 10	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	--
MW-7	2/13/2018	98.15	52.58	NP	--	45.57	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-7	2/14/2018	--	--	--	--	--	--	< 50	--	< 0.50	< 0.50	< 0.50	< 1.0	< 0.50	< 1.0	< 150	< 10	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 48
MW-7	4/24/2018	98.15	52.53	NP	--	45.62	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-7	9/28/2018	98.15	52.74	NP	--	45.41	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-7	1/28/2019	98.15	52.90	NP	--	45.25	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-7	1/30/2019	98.15	--	--	--	--	NG	< 50	--	< 0.50	< 0.50	< 0.50	< 1.0	< 0.50	< 1.0	< 150	< 10	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 48
MW-7	5/16/2019	98.15	53.14	NP	--	45.01	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-7	8/26/2019	98.15	53.10	NP	--	45.05	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

TABLE 3
Historical Gauging and Analytical Data
ARCO Service Station No. 465
151 Southgate Avenue
Daly City, CA

Well I.D.	Date	GROUNDWATER ELEVATION DATA						GROUNDWATER ANALYTICAL DATA														
		TOC Elevation (ft)	Water Level Depth (ft)	LNAPL Depth (ft)	LNAPL Thickness (ft)	Water Level Elevation* (ft)	Qualifiers	GRO (ug/L)	DRO (ug/L)	Benzene (ug/L)	Toluene (ug/L)	Ethylbenzene (ug/L)	Xylene (Total) (ug/L)	MTBE (ug/L)	Naphthalene (ug/L)	Ethanol (ug/L)	TBA (ug/L)	DIPE (ug/L)	ETBE (ug/L)	TAME (ug/L)	1,2-DCA (ug/L)	EDB (ug/L)	Stoddard Solvent (ug/L)
MW-7	11/4/2019	98.15	53.10	NP	--	45.05	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-7	1/20/2020	98.15	53.05	NP	--	45.10	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-7	1/23/2020	98.15	--	--	--	--	NG	< 50	--	< 0.50	< 0.50	< 0.50	< 1.0	< 0.50	< 1.0	< 150	< 10	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 47
MW-7D	2/9/2015	99.29	144.91	NP	--	-45.62	MD	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-7D	2/13/2015	--	--	--	--	--	--	< 50	--	< 0.50	< 0.50	< 0.50	< 1.0	< 0.50	--	--	< 10	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 51
MW-7D	6/16/2015	99.29	144.75	NP	--	-45.46	MD	< 50	--	< 0.50	< 0.50	< 0.50	< 1.0	< 0.50	--	< 150	< 10	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 51
MW-7D	9/14/2015	99.29	144.56	NP	--	-45.27	MD	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-7D	9/16/2015	--	--	--	--	--	--	< 50	--	< 0.50	< 0.50	< 0.50	< 1.0	< 0.50	--	< 150	< 10	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 47
MW-7D	12/2/2015	99.29	144.71	NP	--	-45.42	MD	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-7D	12/3/2015	--	--	--	--	--	--	< 50	--	< 0.50	< 0.50	< 0.50	< 1.0	< 0.50	--	< 150	< 10	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 51
MW-7D	2/8/2016	99.29	144.45	NP	--	-45.16	MD	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-7D	2/10/2016	--	--	--	--	--	--	< 50	--	< 0.50	< 0.50	< 0.50	< 1.0	< 0.50	--	--	< 10	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 49
MW-7D	7/25/2016	99.29	143.74	NP	--	-44.45	MD	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-7D	7/26/2016	--	--	--	--	--	--	< 50	--	< 0.50	< 0.50	< 0.50	< 1.0	< 0.50	< 1.0	< 150	< 10	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 50
MW-7D	9/6/2017	99.29	138.55	NP	--	-39.26	--	< 50	--	< 0.50	< 0.50	< 0.50	< 1.0	< 0.50	< 1.0	< 150	< 10	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 51
MW-7D	2/13/2018	99.29	135.31	NP	--	-36.02	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-7D	2/15/2018	--	--	--	--	--	--	< 50	--	< 0.50	< 0.50	< 0.50	< 1.0	< 0.50	< 1.0	< 150	< 10	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 49
MW-7D	4/24/2018	99.29	134.15	NP	--	-34.86	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-7D	9/28/2018	99.29	131.82	NP	--	-32.53	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-7D	1/28/2019	99.29	129.87	NP	--	-30.58	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-7D	1/30/2019	--	--	--	--	--	--	< 50	--	< 0.50	< 0.50	< 0.50	< 1.0	< 0.50	< 1.0	< 150	< 10	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 49
MW-7D	3/25/2019	99.29	129.61	NP	--	-30.32	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-7D	5/16/2019	99.29	149.10	NP	--	-49.81	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-7D	6/3/2019	99.29	128.51	NP	--	-29.21	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-7D	6/5/2019	--	--	--	--	--	--	< 50	--	< 0.50	< 0.50	< 0.50	< 1.0	< 0.50	< 1.0	< 150LQ	< 10LQ	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 47
MW-7D	8/26/2019	99.29	128.10	NP	--	-28.81	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-7D	11/4/2019	99.29	128.11	NP	--	-28.82	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-7D	1/20/2020	99.29	126.73	NP	--	-27.44	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-7D	1/22/2020	99.29	--	--	--	--	NG	< 50	--	< 0.50	< 0.50	< 0.50	< 1.0	< 0.50	< 1.0	< 150	< 10	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 48
MW-8	10/16/2008	97.64	52.45	NP	--	45.19	--	< 50	--	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	--	< 300	< 10	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 50
MW-8	1/22/2009	97.64	52.50	NP	--	45.14	--	< 50	--	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	--	< 300	< 10	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 50
MW-8	4/22/2009	97.64	52.53	NP	--	45.11	--	< 50	--	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	--	< 300	< 10	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 50
MW-8	7/27/2009	97.64	52.70	NP	--	44.94	--	< 50	--	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	--	< 300	< 10	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 50
MW-8	10/30/2009	97.64	52.73	NP	--	44.91	--	< 50	--	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	--	< 300	< 10	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 50
MW-8	4/23/2010	97.64	52.84	NP	--	44.80	--	< 50	--	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	--	< 300	< 10	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	--
MW-8	10/28/2010	97.64	52.62	NP	--	45.02	--	< 50	--	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	--	< 300	< 10	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 50
MW-8	4/11/2011	97.64	52.70	NP	--	44.94	--	69 N	--	< 0.50	< 0.50	< 0.50	< 0.50	**0.51**	--	< 300	< 10	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 50
MW-8	10/24/2011	97.48	52.40	NP	--	45.08	--	< 50	--	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	--	< 300	< 10	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 50
MW-8	4/4/2012	97.48	52.37	NP	--	45.11	--	< 50	--	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	--	< 300	< 10	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 50
MW-8	7/25/2012	97.48	52.61	NP	--	44.87	SV	< 50	--	< 0.50	< 0.50	< 0.50	< 1.0	< 0.50	--	< 150	< 10	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 47
MW-8	10/3/2012	97.48	52.63	NP	--	44.85	SV	< 50	--	< 0.50	< 0.50	< 0.50	< 1.0	< 0.50	--	< 150	< 10	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 48
MW-8	1/14/2013	97.48	52.80	NP	--	44.68	SV	< 50	--	< 0.50	< 0.50	< 0.50	< 1.0	< 0.50	--	< 150	< 10	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 48
MW-8	4/1/2013	97.48	53.50	NP	--	43.98	SV	< 50	--	< 0.50	< 0.50	< 0.50	< 1.0	< 0.50	--	--	< 10	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 48
MW-8	7/25/2013	97.48	53.24	NP	--	44.24	MD	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-8	7/26/2013	97.48	--	--	--	--	SV, DNP, Grab sample	< 50	--	< 0.50	< 0.50	< 0.50	< 1.0	< 0.50	--	< 150	< 10	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 48
MW-8	10/29/2013	97.48	52.95	NP	--	44.53	MD	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-8	10/30/2013	97.48	--	--	--	--	SV	< 50	--	< 0.50	< 0.50	< 0.50	< 1.0	< 0.50	--	< 150	< 10	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 47
MW-8	1/21/2014	97.48	53.18	NP	--	44.30	MD	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-8	1/22/2014	97.48	--	--	--	--	SV	< 50	--	< 0.50	< 0.50	< 0.50	< 1.0	< 0.50	--	--	< 10	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 47

TABLE 3
Historical Gauging and Analytical Data
ARCO Service Station No. 465
151 Southgate Avenue
Daly City, CA

Well I.D.	Date	GROUNDWATER ELEVATION DATA						GROUNDWATER ANALYTICAL DATA														
		TOC Elevation (ft)	Water Level Depth (ft)	LNAPL Depth (ft)	LNAPL Thickness (ft)	Water Level Elevation* (ft)	Qualifiers	GRO (ug/L)	DRO (ug/L)	Benzene (ug/L)	Toluene (ug/L)	Ethylbenzene (ug/L)	Xylene (Total) (ug/L)	MTBE (ug/L)	Naphthalene (ug/L)	Ethanol (ug/L)	TBA (ug/L)	DIPE (ug/L)	ETBE (ug/L)	TAME (ug/L)	1,2-DCA (ug/L)	EDB (ug/L)	Stoddard Solvent (ug/L)
MW-8	2/9/2015	97.48	53.46	NP	--	44.02	MD	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-8	2/12/2015	--	--	--	--	--	--	< 50	--	< 0.50	< 0.50	< 0.50	< 1.0	< 0.50	--	--	< 10	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 52
MW-8	2/8/2016	97.48	53.03	NP	--	44.45	MD	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-8	2/10/2016	--	--	--	--	--	--	< 50	--	< 0.50	< 0.50	< 0.50	< 1.0	< 0.50	--	--	< 10	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 47
MW-8	2/13/2018	97.48	51.76	NP	--	45.72	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-8	2/15/2018	--	--	--	--	--	--	< 50	--	< 0.50	< 0.50	< 0.50	< 1.0	< 0.50	< 1.0	< 150	< 10	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 47
MW-8	4/24/2018	97.48	51.75	NP	--	45.73	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-8	9/28/2018	97.48	52.01	NP	--	45.47	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-8	1/28/2019	97.48	52.16	NP	--	45.32	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-8	1/29/2019	97.48	--	--	--	--	NG	< 50	--	< 0.50	< 0.50	< 0.50	< 1.0	< 0.50	< 1.0	< 150	< 10	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 49
MW-8	5/16/2019	97.48	52.38	NP	--	45.10	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-8	8/26/2019	97.48	52.37	NP	--	45.11	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-8	11/4/2019	97.48	52.39	NP	--	45.09	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-8	1/20/2020	97.48	52.38	NP	--	45.10	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-8	1/24/2020	97.48	--	--	--	--	NG	< 50	--	< 0.50	< 0.50	< 0.50	< 1.0	< 0.50	< 1.0	< 150	< 10	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 48
MW-9	10/16/2008	95.42	55.63	NP	--	39.79	*** Invalid data see notes	< 50	--	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	--	< 300	< 10	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 50
MW-9	1/22/2009	95.42	45.83	NP	--	49.59	--	< 50	--	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	--	< 300	< 10	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	**56**
MW-9	4/22/2009	95.42	45.96	NP	--	49.46	--	< 50	--	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	--	< 300	< 10	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 50
MW-9	7/27/2009	95.42	46.20	NP	--	49.22	--	< 50	--	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	--	< 300	< 10	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 50
MW-9	10/30/2009	95.42	46.30	NP	--	49.12	--	< 50	--	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	--	< 300	< 10	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 50
MW-9	4/23/2010	95.42	46.48	NP	--	48.94	--	< 50	--	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	--	< 300	< 10	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	--
MW-9	10/28/2010	95.42	46.68	NP	--	48.74	--	< 50	--	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	--	< 300	< 10	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	61 N
MW-9	4/11/2011	95.42	46.90	NP	--	48.52	--	< 50	--	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	--	< 300	< 10	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 50
MW-9	10/24/2011	95.15	46.97	NP	--	48.18	--	< 50	--	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	--	< 300	< 10	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 50
MW-9	4/4/2012	95.15	46.96	NP	--	48.19	--	< 50	--	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	--	< 300	< 10	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 50
MW-9	7/25/2012	95.15	47.11	NP	--	48.04	SV	< 100	--	< 0.50	< 0.50	< 0.50	< 1.0	< 0.50	--	< 150	< 10	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 47
MW-9	10/3/2012	95.15	47.04	NP	--	48.11	SV	< 50	--	< 0.50	< 0.50	< 0.50	< 1.0	< 0.50	--	< 150	< 10	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 48
MW-9	1/14/2013	95.15	47.20	NP	--	47.95	SV	< 50	--	< 0.50	< 0.50	< 0.50	< 1.0	< 0.50	--	< 150	< 10	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 47
MW-9	4/1/2013	95.15	47.20	NP	--	47.95	SV	< 50	--	< 0.50	< 0.50	< 0.50	< 1.0	< 0.50	--	--	< 10	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 48
MW-9	7/25/2013	95.15	47.04	NP	--	48.11	VO, Car parked over well	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-9	10/29/2013	95.15	47.26	NP	--	47.89	SV	< 50	--	< 0.50	< 0.50	< 0.50	< 1.0	< 0.50	--	< 150	< 10	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 47
MW-9	1/21/2014	95.15	47.32	NP	--	47.83	SV	< 50	--	< 0.50	< 0.50	< 0.50	< 1.0	< 0.50	--	--	< 10	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 47
MW-9	2/9/2015	95.15	46.84	NP	--	48.31	MD	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-9	2/10/2015	--	--	--	--	--	--	< 50	--	< 0.50	**0.79**	< 0.50	**2.1**	< 0.50	--	--	< 10	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	**860**
MW-9	2/8/2016	95.15	46.17	NP	--	48.98	MD	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-9	2/10/2016	--	--	--	--	--	--	< 50	--	< 0.50	< 0.50	< 0.50	< 1.0	< 0.50	--	--	< 10	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 47
MW-9	2/13/2018	95.15	44.60	NP	--	50.55	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-9	2/14/2018	--	--	--	--	--	--	< 50	--	< 0.50	< 0.50	< 0.50	< 1.0	< 0.50	< 1.0	< 150	< 10	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 52
MW-9	4/24/2018	95.15	44.38	NP	--	50.77	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-9	9/28/2018	95.15	44.41	NP	--	50.74	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-9	1/28/2019	95.15	44.75	NP	--	50.40	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-9	1/29/2019	95.15	--	--	--	--	NG	< 50	--	< 0.50	< 0.50	< 0.50	< 1.0	< 0.50	< 1.0	< 150	< 10	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 48
MW-9	5/16/2019	95.15	45.13	NP	--	50.02	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-9	8/26/2019	95.15	45.17	NP	--	49.98	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-9	11/4/2019	95.15	44.74	NP	--	50.41	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-9	1/20/2020	95.15	45.52	NP	--	49.63	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-9	1/22/2020	95.15	--	--	--	--	NG	< 50	--	< 0.50	< 0.50	< 0.50	< 1.0	< 0.50	< 1.0	< 150	< 10	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 48
MW-9D	8/29/2017	95.45	134.16	NP	--	-38.71	Dry	< 50	--	< 0.50	< 0.50	< 0.50	< 1.0	< 0.50	< 1.0	--	< 10	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 53

TABLE 3
Historical Gauging and Analytical Data
ARCO Service Station No. 465
151 Southgate Avenue
Daly City, CA

Well I.D.	Date	GROUNDWATER ELEVATION DATA						GROUNDWATER ANALYTICAL DATA														
		TOC Elevation (ft)	Water Level Depth (ft)	LNAPL Depth (ft)	LNAPL Thickness (ft)	Water Level Elevation* (ft)	Qualifiers	GRO (ug/L)	DRO (ug/L)	Benzene (ug/L)	Toluene (ug/L)	Ethylbenzene (ug/L)	Xylene (Total) (ug/L)	MTBE (ug/L)	Naphthalene (ug/L)	Ethanol (ug/L)	TBA (ug/L)	DIPE (ug/L)	ETBE (ug/L)	TAME (ug/L)	1,2-DCA (ug/L)	EDB (ug/L)	Stoddard Solvent (ug/L)
MW-9D	9/6/2017	95.45	133.80	NP	--	-38.35	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-9D	9/7/2017	--	--	--	--	--	--	< 50	--	< 0.50	< 0.50	< 0.50	< 1.0	< 0.50	< 1.0	< 150	< 10	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 51
MW-9D	2/13/2018	95.45	136.20	NP	--	-40.75	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-9D	2/14/2018	--	--	--	--	--	--	< 50	--	< 0.50	< 0.50	< 0.50	< 1.0	< 0.50	< 1.0	< 150	< 10	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 48
MW-9D	4/24/2018	95.45	129.48	NP	--	-34.03	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-9D	9/28/2018	95.45	127.23	NP	--	-31.78	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-9D	1/28/2019	95.45	125.24	NP	--	-29.79	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-9D	1/29/2019	95.45	--	--	--	--	NG	< 50	--	< 0.50	< 0.50	< 0.50	< 1.0	< 0.50	< 1.0	< 150	< 10	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 48
MW-9D	3/25/2019	95.45	125.01	NP	--	-29.56	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-9D	5/16/2019	95.45	124.50	NP	--	-29.05	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-9D	6/3/2019	95.45	124.00	NP	--	-28.55	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-9D	6/5/2019	--	--	--	--	--	--	< 50	--	< 0.50	< 0.50	< 0.50	< 1.0	< 0.50	< 1.0	< 150LQ	< 10LQ	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 48
MW-9D	8/26/2019	95.45	123.66	NP	--	-28.21	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-9D	11/4/2019	95.45	123.65	NP	--	-28.20	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-9D	1/20/2020	95.45	122.13	NP	--	-26.68	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-9D	1/22/2020	95.45	--	--	--	--	NG	< 50	--	< 0.50	< 0.50	< 0.50	< 1.0	< 0.50	< 1.0	< 150	< 10	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 48
MW-10	10/24/2011	103.29	59.00	NP	--	44.29	IW, VOL	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-10	3/23/2012	103.29	--	--	--	--	Dry	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-10	4/4/2012	103.29	--	--	--	--	Dry	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-10	7/25/2012	103.29	--	--	--	--	Dry	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-10	10/3/2012	103.29	--	--	--	--	Dry	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-10	1/14/2013	103.29	--	--	--	--	Dry	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-10	4/1/2013	103.29	--	--	--	--	Dry	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-10	7/25/2013	103.29	58.31	NP	--	44.98	IW, Stagnant water	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-10	10/29/2013	103.29	58.66	NP	--	44.63	IW, Stagnant water	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-10	1/21/2014	103.29	58.60	NP	--	44.69	IW, VOL	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-10	7/1/2014	103.29	57.68	NP	--	45.61	MD	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-10	7/2/2014	103.29	--	--	--	--	SV	< 1000	--	< 10	< 10	< 10	< 20	**11000**	--	--	**13000**	< 10	< 10	< 10	< 10	< 10	**1100**
MW-10	2/13/2015	103.29	58.61	NP	--	44.68	Stagnant water	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-10	9/14/2015	103.29	58.58	NP	--	44.71	IW, Stagnant water	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-10	2/8/2016	103.29	58.60	NP	--	44.69	Grab sample, MD	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-10	2/10/2016	103.29	--	--	--	--	NG, DNP	< 50	--	< 0.50	< 0.50	< 0.50	< 1.0	**3.1**	--	--	< 10	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	--
MW-10	7/25/2016	103.29	--	--	--	--	Dry	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-10	9/6/2017	103.29	--	--	--	--	Dry	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-10	2/13/2018	103.29	58.80	NP	--	44.49	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-10	4/24/2018	103.29	58.79	NP	--	44.50	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-10	9/28/2018	103.29	58.82	NP	--	44.47	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-10	1/28/2019	103.29	58.82	NP	--	44.47	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-10	5/16/2019	103.29	58.85	NP	--	44.44	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-10	11/4/2019	103.29	58.85	NP	--	44.44	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-10	1/20/2020	103.29	58.84	NP	--	44.45	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-11	10/24/2011	104.50	51.40	NP	--	53.10	IW, VOL	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-11	3/23/2012	104.50	--	--	--	--	Dry	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-11	4/4/2012	104.50	--	--	--	--	Dry	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-11	7/25/2012	104.50	--	--	--	--	Dry	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

TABLE 3
Historical Gauging and Analytical Data
ARCO Service Station No. 465
151 Southgate Avenue
Daly City, CA

Well I.D.	Date	GROUNDWATER ELEVATION DATA						GROUNDWATER ANALYTICAL DATA															
		TOC Elevation (ft)	Water Level Depth (ft)	LNAPL Depth (ft)	LNAPL Thickness (ft)	Water Level Elevation* (ft)	Qualifiers	GRO (ug/L)	DRO (ug/L)	Benzene (ug/L)	Toluene (ug/L)	Ethylbenzene (ug/L)	Xylene (Total) (ug/L)	MTBE (ug/L)	Naphthalene (ug/L)	Ethanol (ug/L)	TBA (ug/L)	DIPE (ug/L)	ETBE (ug/L)	TAME (ug/L)	1,2-DCA (ug/L)	EDB (ug/L)	Stoddard Solvent (ug/L)
MW-11	10/3/2012	104.50	--	--	--	--	Dry	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-11	1/14/2013	104.50	--	--	--	--	Dry	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-11	4/1/2013	104.50	50.40	NP	--	54.10	IW	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-11	7/25/2013	104.50	--	--	--	--	Dry	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-11	10/29/2013	104.50	--	--	--	--	Dry	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-11	1/21/2014	104.50	--	--	--	--	Dry	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-11	7/1/2014	104.50	--	--	--	--	Dry	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-11	2/9/2015	104.50	--	--	--	--	Dry	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-11	9/14/2015	104.50	--	--	--	--	Dry	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
								--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-11R	2/8/2016	104.89	64.65	NP	--	40.24	IW, VOL	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-11R	7/25/2016	104.89	64.55	NP	--	40.34	IW, VOL	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-11R	9/6/2017	104.89	64.67	NP	--	40.22	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-11R	2/13/2018	104.89	64.60	NP	--	40.29	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-11R	4/24/2018	104.89	64.60	NP	--	40.29	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-11R	9/28/2018	104.89	64.62	NP	--	40.27	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-11R	1/28/2019	104.89	64.61	NP	--	40.28	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-11R	5/16/2019	104.89	64.65	NP	--	40.24	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-11R	8/26/2019	104.89	64.69	NP	--	40.20	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-11R	11/4/2019	104.89	64.66	NP	--	40.23	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-11R	1/20/2020	104.89	64.44	NP	--	40.45	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
								--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-12	10/24/2011	100.15	56.31	NP	--	43.84	MD	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-12	10/25/2011	100.15	--	--	--	--	NG, DNP	< 50	--	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	--	< 300	< 10	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 50
MW-12	3/23/2012	100.15	56.00	NP	--	44.15	--	< 50	--	< 0.50	< 0.50	< 0.50	< 0.50	**0.96**	--	< 300	< 10	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 50
MW-12	4/4/2012	100.15	56.00	NP	--	44.15	--	< 50	--	< 0.50	< 0.50	< 0.50	< 0.50	**0.67**	--	< 300	< 10	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 50
MW-12	7/25/2012	100.15	56.23	NP	--	43.92	SV	< 50	--	< 0.50	< 0.50	< 0.50	< 1.0	< 0.50	--	< 150	< 10	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 47
MW-12	10/3/2012	100.15	--	--	--	--	Dry	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-12	1/14/2013	100.15	56.40	NP	--	43.75	SV	< 50	--	< 0.50	< 0.50	< 0.50	< 1.0	< 0.50	--	< 150	< 10	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 47
MW-12	4/1/2013	100.15	57.00	NP	--	43.15	IW	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-12	7/25/2013	100.15	56.47	NP	--	43.68	MD	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-12	7/26/2013	100.15	--	--	--	--	SV, DNP, Grab sample	< 50	--	< 0.50	< 0.50	< 0.50	< 1.0	< 0.50	--	< 150	< 10	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 47
MW-12	10/29/2013	100.15	56.63	NP	--	43.52	MD	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-12	10/30/2013	100.15	--	--	--	--	SV	< 50	--	< 0.50	< 0.50	< 0.50	< 1.0	< 0.50	--	< 150	< 10	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 47
MW-12	1/21/2014	100.15	56.69	NP	--	43.46	Grab sample, MD	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-12	1/22/2014	100.15	--	--	--	--	SV, DNP	< 50	--	< 0.50	< 0.50	< 0.50	< 1.0	< 0.50	--	--	< 10	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 47
MW-12	7/1/2014	100.15	57.33	NP	--	42.82	IW, Stagnant water	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-12	2/9/2015	100.15	57.42	NP	--	42.73	Stagnant water	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-12	9/14/2015	100.15	57.40	NP	--	42.75	IW, Stagnant water	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-12	2/8/2016	100.15	57.21	NP	--	42.94	IW, VOL	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-12	7/25/2016	100.15	56.34	NP	--	43.81	Grab sample, DNP	< 50	--	< 0.50	< 0.50	< 0.50	< 1.0	< 0.50	< 1.0	< 150	< 10	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 54
MW-12	9/6/2017	100.15	55.92	NP	--	44.23	--	< 50	--	< 0.50	< 0.50	< 0.50	< 1.0	< 0.50	< 1.0	< 150	< 10	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 95
MW-12	2/13/2018	100.15	55.60	NP	--	44.55	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-12	2/14/2018	--	--	--	--	--	--	< 50	--	< 0.50	< 0.50	< 0.50	< 1.0	< 0.50	< 1.0	< 150	< 10	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 49
MW-12	4/24/2018	100.15	55.56	NP	--	44.59	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

TABLE 3
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ARCO Service Station No. 465
151 Southgate Avenue
Daly City, CA

Well I.D.	Date	GROUNDWATER ELEVATION DATA						GROUNDWATER ANALYTICAL DATA														
		TOC Elevation (ft)	Water Level Depth (ft)	LNAPL Depth (ft)	LNAPL Thickness (ft)	Water Level Elevation* (ft)	Qualifiers	GRO (ug/L)	DRO (ug/L)	Benzene (ug/L)	Toluene (ug/L)	Ethylbenzene (ug/L)	Xylene (Total) (ug/L)	MTBE (ug/L)	Naphthalene (ug/L)	Ethanol (ug/L)	TBA (ug/L)	DIPE (ug/L)	ETBE (ug/L)	TAME (ug/L)	1,2-DCA (ug/L)	EDB (ug/L)	Stoddard Solvent (ug/L)
MW-12	9/28/2018	100.15	55.74	NP	--	44.41	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-12	1/28/2019	100.15	55.89	NP	--	44.26	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-12	1/30/2019	100.15	--	--	--	--	NG	< 50	--	< 0.50	< 0.50	< 0.50	< 1.0	< 0.50	< 1.0	< 150	< 10	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 48
MW-12	5/16/2019	100.15	55.55	NP	--	44.60	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-12	8/26/2019	100.15	56.19	NP	--	43.96	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-12	11/4/2019	100.15	56.30	NP	--	43.85	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-12	1/20/2020	100.15	56.08	NP	--	44.07	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-12	1/21/2020	100.15	--	--	--	--	NG	< 50	--	< 0.50	< 0.50	< 0.50	< 1.0	< 0.50	< 1.0	< 150	< 10	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 48
MW-13	2/9/2015	102.67	31.62	NP	--	71.05	Stagnant water	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-13	9/14/2015	102.68	30.60	NP	--	72.08	NSP	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-13	2/8/2016	102.68	--	--	--	--	Dry	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-13	7/25/2016	102.68	--	--	--	--	Dry	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-13	9/6/2017	102.68	--	--	--	--	Dry	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-13	2/13/2018	102.68	--	--	--	--	Dry	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-13	4/24/2018	102.68	32.02	NP	--	70.66	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-13	9/28/2018	102.68	32.02	NP	--	70.66	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-13	1/28/2019	102.68	--	--	--	--	Dry	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-13	5/16/2019	102.68	32.05	NP	--	70.63	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-13	8/26/2019	102.68	--	--	--	--	Dry	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-13	11/4/2019	102.68	32.04	NP	--	70.64	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-13	1/20/2020	102.68	--	--	--	--	Dry	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-14	2/9/2015	102.99	--	--	--	--	Dry	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-14	9/14/2015	102.99	57.75	NP	--	45.24	IW, Stagnant water	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-14	2/8/2016	102.99	--	--	--	--	Dry	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-14	7/25/2016	102.99	57.66	NP	--	45.33	IW, VOL	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-14	9/6/2017	102.99	--	--	--	--	Dry	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-14	2/13/2018	102.99	57.55	NP	--	45.44	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-14	4/24/2018	102.99	--	--	--	--	Dry	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-14	9/28/2018	102.99	57.63	NP	--	45.36	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-14	1/28/2019	102.99	57.66	NP	--	45.33	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-14	5/16/2019	102.99	57.80	NP	--	45.19	Dry	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-14	8/26/2019	102.99	--	--	--	--	Dry	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-14	11/4/2019	102.99	--	--	--	--	Dry	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-14	1/20/2020	102.99	--	--	--	--	Dry	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
								--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-15	2/9/2015	105.23	--	--	--	--	Dry	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-15	9/14/2015	105.23	--	--	--	--	Dry	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-15	2/8/2016	105.23	--	--	--	--	Dry	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-15	7/25/2016	105.23	--	--	--	--	Dry	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-15	9/28/2018	105.23	58.53	NP	--	46.70	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-15	8/28/2019	105.23	58.55	NP	--	46.68	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-15	11/4/2019	105.23	58.58	NP	--	46.65	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-15	1/20/2020	105.23	58.66	NP	--	46.57	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
								--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-16	2/9/2015	106.79	59.43	NP	--	47.36	MD	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-16	2/12/2015	106.79	59.15	NP	--	47.64	MD, SU	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-16	2/13/2015	106.79	--	--	--	--	MD, SU	< 50	--	< 0.50	< 0.50	< 0.50	< 1.0	< 0.50	--	--	**11**	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	--

TABLE 3
Historical Gauging and Analytical Data
ARCO Service Station No. 465
151 Southgate Avenue
Daly City, CA

Well I.D.	Date	GROUNDWATER ELEVATION DATA						GROUNDWATER ANALYTICAL DATA														
		TOC Elevation (ft)	Water Level Depth (ft)	LNAPL Depth (ft)	LNAPL Thickness (ft)	Water Level Elevation* (ft)	Qualifiers	GRO (ug/L)	DRO (ug/L)	Benzene (ug/L)	Toluene (ug/L)	Ethylbenzene (ug/L)	Xylene (Total) (ug/L)	MTBE (ug/L)	Naphthalene (ug/L)	Ethanol (ug/L)	TBA (ug/L)	DIPE (ug/L)	ETBE (ug/L)	TAME (ug/L)	1,2-DCA (ug/L)	EDB (ug/L)	Stoddard Solvent (ug/L)
MW-16	9/14/2015	106.79	61.00	NP	--	45.79	Grab sample, DNP	< 50	--	< 0.50	< 0.50	< 0.50	< 1.0	**2.8**	--	< 150	< 10	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 47
MW-16	2/8/2016	106.79	61.67	NP	--	45.12	IW, VOL	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-16	7/25/2016	106.79	61.60	NP	--	45.19	IW, VOL	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-16	9/6/2017	106.79	49.52	NP	--	57.27	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-16	9/7/2017	--	--	--	--	--	--	< 50	--	< 0.50	< 0.50	< 0.50	< 1.0	**8.5**	< 1.0	< 150	< 10	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 50
MW-16	2/13/2018	106.79	48.60	NP	--	58.19	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-16	2/14/2018	--	--	--	--	--	--	< 50	--	< 0.50	< 0.50	< 0.50	< 1.0	< 0.50	< 1.0	< 150	< 10	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 47
MW-16	4/24/2018	106.79	48.94	NP	--	57.85	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-16	9/28/2018	106.79	49.30	NP	--	57.49	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-16	1/28/2019	106.79	49.53	NP	--	57.26	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-16	1/30/2019	106.79	--	--	--	--	NG	< 50	--	< 0.50	< 0.50	< 0.50	< 1.0	< 0.50	< 1.0	< 150	< 10	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 48
MW-16	8/28/2019	106.79	49.04	NP	--	57.75	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-16	11/4/2019	106.79	49.07	NP	--	57.72	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-16	1/20/2020	106.79	49.00	NP	--	57.79	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-16	1/23/2020	106.79	--	--	--	--	NG	< 50	--	< 0.50	< 0.50	< 0.50	< 1.0	< 0.50	< 1.0	< 150	< 10	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 48
MW-16D	7/10/2010	--	136.25	NP	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-16D	8/26/2018	--	135.52	NP	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-16D	3/15/2019	--	137.29	NP	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-16D	3/25/2019	108.16	137.43	NP	--	-29.27	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-16D	4/4/2019	108.16	136.68	NP	--	-28.52	--	< 50	--	< 0.50	< 0.50	< 0.50	< 1.0	< 0.50	< 1.0	< 150	< 10	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 48
MW-16D	5/16/2019	108.16	137.02	NP	--	-28.86	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-16D	5/31/2019	108.16	136.70	NP	--	-28.54	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-16D	6/3/2019	108.16	136.39	NP	--	-28.23	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-16D	6/18/2019	108.16	--	--	--	--	NG	< 50	--	< 0.50	< 0.50	< 0.50	< 1.0	< 0.50	< 1.0	< 150LQ	< 10	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 48
MW-16D	7/9/2019	108.16	136.18	NP	--	-28.02	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-16D	7/11/2019	108.16	136.24	NP	--	-28.08	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-16D	8/6/2019	108.16	135.98	NP	--	-27.82	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-16D	8/7/2019	108.16	135.99	NP	--	-27.83	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-16D	8/8/2019	108.16	136.00	NP	--	-27.84	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-16D	8/26/2019	108.16	135.52	NP	--	-27.36	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-16D	8/27/2019	108.16	--	--	--	--	NG	< 50	--	< 0.50	< 0.50	< 0.50	< 1.0	< 0.50	< 1.0	< 150	< 10	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 48
MW-16D	11/4/2019	108.16	135.96	NP	--	-27.80	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-16D	11/5/2019	108.16	--	--	--	--	NG	< 50	--	< 0.50	< 0.50	< 0.50	< 1.0	< 0.50	< 1.0	< 150	< 10	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 47
MW-16D	1/20/2020	108.16	134.61	NP	--	-26.45	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-16D	1/21/2020	108.16	--	--	--	--	NG	< 50LR	--	< 0.50	< 0.50	< 0.50	< 1.0	< 0.50	< 1.0	< 150	< 10	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 48
MW-17	2/9/2015	98.91	54.82	NP	--	44.09	MD	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-17	2/12/2015	--	--	--	--	--	--	< 50	--	< 0.50	< 0.50	< 0.50	< 1.0	< 0.50	--	--	< 10	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 51
MW-17	9/14/2015	98.91	54.92	NP	--	43.99	MD	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-17	9/16/2015	--	--	--	--	--	--	< 50	--	< 0.50	< 0.50	< 0.50	< 1.0	< 0.50	--	< 150	< 10	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 47
MW-17	2/8/2016	98.91	54.36	NP	--	44.55	IW, VOL	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-17	7/25/2016	98.91	53.96	NP	--	44.95	MD	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-17	7/26/2016	--	--	--	--	--	--	< 50	--	< 0.50	< 0.50	< 0.50	< 1.0	< 0.50	< 1.0	< 150	< 10	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 49
MW-17	9/6/2017	98.91	53.47	NP	--	45.44	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-17	9/7/2017	--	--	--	--	--	--	< 50	--	< 0.50	< 0.50	< 0.50	< 1.0	< 0.50	< 1.0	< 150	< 10	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 49
MW-17	2/13/2018	98.91	53.10	NP	--	45.81	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-17	2/14/2018	--	--	--	--	--	--	< 50	--	< 0.50	< 0.50	< 0.50	< 1.0	< 0.50	< 1.0	< 150	< 10	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 48
MW-17	4/24/2018	98.91	53.11	NP	--	45.80	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-17	9/28/2018	98.91	53.34	NP	--	45.57	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-17	1/28/2019	98.91	53.51	NP	--	45.40	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

TABLE 3
Historical Gauging and Analytical Data
ARCO Service Station No. 465
151 Southgate Avenue
Daly City, CA

Well I.D.	Date	GROUNDWATER ELEVATION DATA						GROUNDWATER ANALYTICAL DATA														
		TOC Elevation (ft)	Water Level Depth (ft)	LNAPL Depth (ft)	LNAPL Thickness (ft)	Water Level Elevation* (ft)	Qualifiers	GRO (ug/L)	DRO (ug/L)	Benzene (ug/L)	Toluene (ug/L)	Ethylbenzene (ug/L)	Xylene (Total) (ug/L)	MTBE (ug/L)	Naphthalene (ug/L)	Ethanol (ug/L)	TBA (ug/L)	DIPE (ug/L)	ETBE (ug/L)	TAME (ug/L)	1,2-DCA (ug/L)	EDB (ug/L)	Stoddard Solvent (ug/L)
MW-17	1/30/2019	98.91	--	--	--	--	NG	< 50	--	< 0.50	< 0.50	< 0.50	< 1.0	< 0.50	< 1.0	< 150	< 10	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 48
MW-17	5/16/2019	98.91	53.80	NP	--	45.11	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-17	8/26/2019	98.91	53.79	NP	--	45.12	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-17	11/4/2019	98.91	53.80	NP	--	45.11	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-17	1/20/2020	98.91	53.72	NP	--	45.19	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-18	12/2/2015	111.44	61.85	NP	--	49.59	Grab sample, MD	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-18	12/3/2015	--	--	--	--	--	--	< 50	--	< 0.50	< 0.50	< 0.50	< 1.0	< 0.50	--	< 150	< 10	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	**120**
MW-18	2/8/2016	111.44	62.15	NP	--	49.29	Grab sample, MD	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-18	2/11/2016	111.44	--	--	--	--	NG, DNP	< 50	--	< 0.50	< 0.50	< 0.50	< 1.0	< 0.50	--	--	< 10	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 50
MW-18	7/25/2016	111.44	62.43	NP	--	49.01	DNP	< 50	--	< 0.50	< 0.50	< 0.50	< 1.0	< 0.50	< 1.0	< 150	< 10	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 47
MW-18	9/6/2017	111.44	51.96	NP	--	59.48	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-18	9/7/2017	--	--	--	--	--	--	< 50	--	< 0.50	< 0.50	< 0.50	< 1.0	< 0.50	< 1.0	< 150	< 10	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 52
MW-18	2/13/2018	111.44	53.10	NP	--	58.34	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-18	2/15/2018	--	--	--	--	--	--	< 50	--	< 0.50	< 0.50	< 0.50	< 1.0	< 0.50	< 1.0	< 150	< 10	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 48
MW-18	4/24/2018	111.44	51.67	NP	--	59.77	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-18	9/28/2018	111.44	52.02	NP	--	59.42	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-18	1/28/2019	111.44	52.19	NP	--	59.25	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-18	1/31/2019	111.44	--	--	--	--	NG	< 50	--	< 0.50	< 0.50	< 0.50	< 1.0	< 0.50	< 1.0	< 150	< 10	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 48
MW-18	5/16/2019	111.44	52.31	NP	--	59.13	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-18	8/26/2019	111.44	51.61	NP	--	59.83	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-18	11/4/2019	111.44	51.10	NP	--	60.34	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-18	1/20/2020	111.44	51.66	NP	--	59.78	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-18	1/22/2020	111.44	--	--	--	--	NG	< 50LR	--	< 0.50	< 0.50	< 0.50	< 1.0	< 0.50	< 1.0	< 150	< 10	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 48
MW-18D	3/14/2019	--	140.55	NP	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-18D	3/25/2019	111.38	140.58	NP	--	-29.20	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-18D	4/4/2019	111.38	139.80	NP	--	-28.42	--	< 50	--	< 0.50	< 0.50	< 0.50	< 1.0	< 0.50	< 1.0	< 150	< 10	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 48
MW-18D	5/16/2019	111.38	140.13	NP	--	-28.75	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-18D	5/31/2019	111.38	139.86	NP	--	-28.48	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-18D	6/3/2019	111.38	139.57	NP	--	-28.19	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-18D	6/6/2019	111.38	--	--	--	--	NG	< 50	--	< 0.50	< 0.50	< 0.50	< 1.0	< 0.50	< 1.0	< 150LQ	< 10LQ	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 47
MW-18D	7/9/2019	111.38	139.42	NP	--	-28.04	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-18D	7/10/2019	111.38	139.47	NP	--	-28.09	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-18D	7/11/2019	111.38	139.48	NP	--	-28.10	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-18D	8/6/2019	111.38	139.22	NP	--	-27.84	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-18D	8/7/2019	111.38	139.21	NP	--	-27.83	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-18D	8/8/2019	111.38	139.24	NP	--	-27.86	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-18D	8/26/2019	111.38	139.15	NP	--	-27.77	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-18D	8/28/2019	111.38	--	--	--	--	NG	< 50	--	< 0.50	< 0.50	< 0.50	< 1.0	< 0.50	**1.2**	< 150	< 10	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 48
MW-18D	11/4/2019	111.38	139.21	NP	--	-27.83	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-18D	11/5/2019	111.38	--	--	--	--	NG	< 50	--	< 0.50	< 0.50	< 0.50	< 1.0	< 0.50	< 1.0	< 150	< 10	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 48
MW-18D	1/20/2020	111.38	137.97	NP	--	-26.59	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-18D	1/22/2020	111.38	--	--	--	--	NG	< 50	--	< 0.50	< 0.50	< 0.50	< 1.0	< 0.50	< 1.0	< 150	< 10	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 48
MW-19	5/20/2016	104.36	52.29	NP	--	52.07	Well development	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-19	7/25/2016	104.36	54.44	NP	--	49.92	--	< 50	--	< 0.50	< 0.50	< 0.50	< 1.0	**0.51**	< 1.0	< 150	< 10	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 47
MW-19	9/6/2017	104.36	50.21	NP	--	54.15	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-19	9/7/2017	--	--	--	--	--	--	< 50	--	< 0.50	< 0.50	< 0.50	< 1.0	< 0.50	< 1.0	< 150	< 10	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 48
MW-19	2/13/2018	104.36	48.64	NP	--	55.72	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

TABLE 3
Historical Gauging and Analytical Data
ARCO Service Station No. 465
151 Southgate Avenue
Daly City, CA

Well I.D.	Date	GROUNDWATER ELEVATION DATA						GROUNDWATER ANALYTICAL DATA														
		TOC Elevation (ft)	Water Level Depth (ft)	LNAPL Depth (ft)	LNAPL Thickness (ft)	Water Level Elevation* (ft)	Qualifiers	GRO (ug/L)	DRO (ug/L)	Benzene (ug/L)	Toluene (ug/L)	Ethylbenzene (ug/L)	Xylene (Total) (ug/L)	MTBE (ug/L)	Naphthalene (ug/L)	Ethanol (ug/L)	TBA (ug/L)	DIPE (ug/L)	ETBE (ug/L)	TAME (ug/L)	1,2-DCA (ug/L)	EDB (ug/L)	Stoddard Solvent (ug/L)
MW-19	2/15/2018	--	--	--	--	--	--	< 50	--	< 0.50	< 0.50	< 0.50	< 1.0	< 0.50	< 1.0	< 150	< 10	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 52
MW-19	4/24/2018	104.36	48.67	NP	--	55.69	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-19	9/28/2018	104.36	48.80	NP	--	55.56	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-19	1/28/2019	104.36	49.08	NP	--	55.28	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-19	1/30/2019	104.36	--	--	--	--	NG	< 50	--	< 0.50	< 0.50	< 0.50	< 1.0	< 0.50	< 1.0	< 150	< 10	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 48
MW-19	5/16/2019	104.36	49.43	NP	--	54.93	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-19	8/26/2019	104.36	48.76	NP	--	55.60	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-19	11/4/2019	104.36	48.79	NP	--	55.57	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-19	1/20/2020	104.36	56.70	NP	--	47.66	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-19	1/24/2020	104.36	--	--	--	--	NG	< 50	--	< 0.50	< 0.50	< 0.50	< 1.0	< 0.50	< 1.0	< 150	< 10	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 47
MW-19D	3/14/2019	--	135.25	NP	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-19D	3/25/2019	105.36	--	--	--	--	NG	< 50	--	< 0.50	< 0.50	< 0.50	< 1.0	**24**	< 1.0	< 150	< 10	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 48
MW-19D	3/25/2019	105.36	134.82	NP	--	-29.46	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-19D	4/4/2019	105.36	--	--	--	--	NG	< 50	--	< 0.50	< 0.50	< 0.50	< 1.0	**57**	< 1.0	< 150	< 10	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 48
MW-19D	4/4/2019	105.36	134.04	NP	--	-28.68	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-19D	5/16/2019	105.36	134.40	NP	--	-29.04	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-19D	5/30/2019	105.36	134.18	NP	--	-28.82	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-19D	6/3/2019	105.36	133.75	NP	--	-28.39	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-19D	6/7/2019	105.36	--	--	--	--	NG	< 50	--	< 0.50	< 0.50	< 0.50	< 1.0	**4.1**	< 1.0	< 150LQ	< 10LQ	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 48
MW-19D	7/9/2019	105.36	133.52	NP	--	-28.16	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-19D	7/10/2019	105.36	133.63	NP	--	-28.27	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-19D	7/11/2019	105.36	133.30	NP	--	-27.94	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-19D	8/6/2019	105.36	133.34	NP	--	-27.98	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-19D	8/7/2019	105.36	133.37	NP	--	-28.01	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-19D	8/8/2019	105.36	133.40	NP	--	-28.04	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-19D	8/26/2019	105.36	133.30	NP	--	-27.94	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-19D	8/28/2019	105.36	--	--	--	--	NG	< 50	--	< 0.50	< 0.50	< 0.50	< 1.0	< 0.50	< 1.0	< 150	< 10	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 47
MW-19D	11/4/2019	105.36	133.36	NP	--	-28.00	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-19D	11/6/2019	105.36	--	--	--	--	NG	< 50	--	< 0.50	< 0.50	< 0.50	< 1.0	< 0.50	< 1.0	< 150	< 10	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 48
MW-19D	1/20/2020	105.36	139.97	NP	--	-34.61	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-19D	1/24/2020	105.36	--	--	--	--	NG	< 50	--	< 0.50	< 0.50	< 0.50	< 1.0	< 0.50	< 1.0	< 150	< 10	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 47
MW-19D	3/10/2020	105.36	131.43	NP	--	-26.07	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
V-1	7/1/2014	101.61	28.75	NP	--	72.86	IW, Stagnant water	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
V-1	2/9/2015	101.61	--	--	--	--	Dry	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
V-1	2/8/2016	101.61	--	--	--	--	Dry	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
V-1	2/13/2018	101.61	29.05	NP	--	72.56	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
V-1	4/24/2018	101.61	--	--	--	--	Dry	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
V-1	9/28/2018	101.61	29.12	NP	--	72.49	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
V-1	1/28/2019	101.61	--	--	--	--	Dry	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
V-1	5/16/2019	101.61	--	--	--	--	Dry	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
V-1	8/26/2019	101.61	--	--	--	--	Dry	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
V-1	11/4/2019	101.61	--	--	--	--	Dry	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
V-1	1/20/2020	101.61	--	--	--	--	Dry	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
								--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
V-2	7/1/2014	99.22	--	--	--	--	Dry	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
V-2	2/9/2015	99.22	--	--	--	--	Dry	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
V-2	2/8/2016	99.22	--	--	--	--	Dry	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
V-2	2/13/2018	99.22	29.02	NP	--	70.20	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
V-2	4/24/2018	99.22	--	--	--	--	Dry	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

TABLE 3
Historical Gauging and Analytical Data
ARCO Service Station No. 465
151 Southgate Avenue
Daly City, CA

Well I.D.	Date	GROUNDWATER ELEVATION DATA						GROUNDWATER ANALYTICAL DATA															
		TOC Elevation (ft)	Water Level Depth (ft)	LNAPL Depth (ft)	LNAPL Thickness (ft)	Water Level Elevation* (ft)	Qualifiers	GRO (ug/L)	DRO (ug/L)	Benzene (ug/L)	Toluene (ug/L)	Ethylbenzene (ug/L)	Xylene (Total) (ug/L)	MTBE (ug/L)	Naphthalene (ug/L)	Ethanol (ug/L)	TBA (ug/L)	DIPE (ug/L)	ETBE (ug/L)	TAME (ug/L)	1,2-DCA (ug/L)	EDB (ug/L)	Stoddard Solvent (ug/L)
V-2	9/28/2018	99.22	--	--	--	--	Dry	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
V-2	1/28/2019	99.22	--	--	--	--	Dry	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
V-2	5/16/2019	99.22	--	--	--	--	Dry	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
V-2	8/26/2019	99.22	--	--	--	--	Dry	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
V-2	11/4/2019	99.22	--	--	--	--	Dry	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
V-2	1/20/2020	99.22	--	--	--	--	Dry	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
								--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
V-3	8/29/2000	--	--	--	--	--	WD, Destroyed 8/29/00	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
								--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
V-4	11/13/2006	--	33.40	NP	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
V-4	4/23/2010	103.16	33.92	NP	--	69.24	--	**34000**	--	**1900**	**1600**	**320**	**7100**	**360000**	--	< 120000	**550000**	< 200	< 200	**390**	< 200	< 200	--
V-4	1/14/2013	102.84	--	--	--	--	WI, Obstruction @ 34 ft	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
V-4	4/1/2013	102.84	26.70	NP	--	76.14	MD	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
V-4	4/2/2013	102.84	--	--	--	--	SV	**31000**	--	< 50	**52**	< 50	**5900**	**14000**	--	--	**19000**	< 50	< 50	< 50	< 50	< 50	**12000**
V-4	7/25/2013	102.84	31.36	NP	--	71.48	MD	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
V-4	7/26/2013	102.84	--	--	--	--	SV	**4400**	--	< 5.0	**17**	**7.2**	**430**	**400**	--	< 1500	**38000**	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	**8000**
V-4	10/29/2013	102.84	37.07	NP	--	65.77	IW, Stagnant water	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
V-4	1/21/2014	102.84	33.90	NP	--	68.94	IW, VOL	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
V-4	7/1/2014	102.84	31.05	NP	--	71.79	MD	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
V-4	7/2/2014	102.84	--	--	--	--	SV	**400**	--	< 5.0	< 5.0	< 5.0	< 10	< 5.0	--	--	**7900**	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	**2700**
V-4	2/9/2015	102.84	34.00	NP	--	68.84	Stagnant water	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
V-4	9/14/2015	102.84	--	--	--	--	Dry	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
V-4	7/25/2016	102.84	35.15	NP	--	67.69	IW, VOL	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
V-4	9/6/2017	102.84	--	--	--	--	Dry	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
V-4	2/13/2018	102.84	34.15	NP	--	68.69	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
V-4	4/24/2018	102.84	34.07	NP	--	68.77	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
V-4	9/28/2018	102.84	34.11	NP	--	68.73	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
V-4	1/28/2019	102.84	34.02	NP	--	68.82	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
V-4	5/16/2019	102.84	34.15	NP	--	68.69	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
V-4	8/26/2019	102.84	--	--	--	--	Dry	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
V-4	11/4/2019	102.84	--	--	--	--	Dry	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
V-4	1/20/2020	102.84	34.15	NP	--	68.69	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
V-5	7/1/2014	102.77	33.75	NP	--	69.02	IW, Stagnant water	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
V-5	2/9/2015	102.77	33.48	NP	--	69.29	Stagnant water	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
V-5	2/8/2016	102.77	33.31	NP	--	69.46	Grab sample, MD	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
V-5	2/11/2016	102.77	--	--	--	--	NG, DNP	**82000**	--	< 20	**41**	**49**	**2100**	< 20	--	--	< 400	< 20	< 20	< 20	< 20	< 20	--
V-5	4/24/2018	102.77	33.31	NP	--	69.46	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
V-5	9/28/2018	102.77	33.35	NP	--	69.42	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
V-5	1/28/2019	102.77	33.27	NP	--	69.50	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
V-5	5/16/2019	102.77	33.30	NP	--	69.47	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
V-5	8/26/2019	102.77	33.31	NP	--	69.46	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
V-5	11/4/2019	102.77	33.36	NP	--	69.41	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

TABLE 3
Historical Gauging and Analytical Data
ARCO Service Station No. 465
151 Southgate Avenue
Daly City, CA

Well I.D.	Date	GROUNDWATER ELEVATION DATA						GROUNDWATER ANALYTICAL DATA															
		TOC Elevation (ft)	Water Level Depth (ft)	LNAPL Depth (ft)	LNAPL Thickness (ft)	Water Level Elevation* (ft)	Qualifiers	GRO (ug/L)	DRO (ug/L)	Benzene (ug/L)	Toluene (ug/L)	Ethylbenzene (ug/L)	Xylene (Total) (ug/L)	MTBE (ug/L)	Naphthalene (ug/L)	Ethanol (ug/L)	TBA (ug/L)	DIPE (ug/L)	ETBE (ug/L)	TAME (ug/L)	1,2-DCA (ug/L)	EDB (ug/L)	Stoddard Solvent (ug/L)
V-5	1/20/2020	102.77	33.36	NP	--	69.41	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
V-6	7/1/2014	102.18	56.58	NP	--	45.60	NG, Unable to get water out of well	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
V-6	2/12/2015	102.18	56.52	NP	--	45.66	IW, Insufficient volume	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
V-6	2/8/2016	102.18	56.40	NP	--	45.78	Grab sample, MD	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
V-6	2/11/2016	102.18	--	--	--	--	NG, DNP	< 50	--	< 0.50	< 0.50	< 0.50	< 1.0	**0.56**	--	--	< 10	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	--
V-6	2/13/2018	102.18	56.40	NP	--	45.78	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
V-6	4/24/2018	102.18	56.38	NP	--	45.80	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
V-6	9/28/2018	102.18	56.46	NP	--	45.72	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
V-6	1/28/2019	102.18	56.38	NP	--	45.80	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
V-6	5/16/2019	102.18	56.40	NP	--	45.78	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
V-6	8/26/2019	102.18	56.48	NP	--	45.70	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
V-6	11/4/2019	102.18	56.45	NP	--	45.73	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
V-6	1/20/2020	102.18	56.44	NP	--	45.74	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
V-7	7/1/2014	102.30	41.60	NP	--	60.70	IW, Stagnant water	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
V-7	2/9/2015	102.30	41.70	NP	--	60.60	Stagnant water	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
V-7	2/8/2016	102.30	41.63	NP	--	60.67	IW, VOL	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
V-7	2/13/2018	102.30	41.58	NP	--	60.72	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
V-7	4/24/2018	102.30	41.60	NP	--	60.70	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
V-7	9/28/2018	102.30	41.60	NP	--	60.70	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
V-7	1/28/2019	102.30	41.57	NP	--	60.73	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
V-7	8/28/2019	102.30	41.60	NP	--	60.70	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
V-7	11/4/2019	102.30	41.64	NP	--	60.66	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
V-7	1/20/2020	102.30	41.81	NP	--	60.49	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
								--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
V-8	9/21/2000	--	56.00	NP	--	--	DNP, j, p	77 N	--	**0.616**	**0.93**	< 0.50	**9.69**	**56.1**	--	--	--	--	--	--	--	--	--
V-8	3/18/2002	--	56.66	NP	--	--	DNP	< 50	--	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	--	--	--	--	--	--	--	--	--
V-8	5/6/2003	--	56.42	NP	--	--	g	< 50	--	< 0.50	< 0.50	< 0.50	< 0.50	**1.1**	--	< 100	< 20	< 0.50	< 0.50	< 0.50	--	--	< 48
V-8	7/22/2003	--	56.41	NP	--	--	g	< 50	--	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	--	< 100	< 20	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 52
V-8	10/21/2003	--	56.47	NP	--	--	--	< 50	**110**	< 0.50	< 0.50	< 0.50	< 0.50	**0.50**	--	< 100	< 20	< 0.50	< 0.50	< 0.50	--	--	< 50
V-8	2/3/2004	--	56.40	NP	--	--	--	< 50	--	< 0.50	< 0.50	< 0.50	< 0.50	**0.70**	--	< 100	< 20	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 49
V-8	4/14/2004	--	56.44	NP	--	--	--	< 50	--	< 0.50	< 0.50	< 0.50	< 0.50	**1.3**	--	< 100	< 20	< 1.0	< 1.0	< 1.0	< 0.50	< 0.50	< 47
V-8	7/20/2004	--	56.30	NP	--	--	--	< 50	--	< 0.50	< 0.50	< 0.50	< 0.50	**3.4**	--	< 100	< 20	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 50
V-8	10/29/2004	--	56.27	NP	--	--	--	< 50	**100**	< 0.50	< 0.50	< 0.50	< 0.50	**24**	--	< 100	< 20	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 48
V-8	1/11/2005	--	56.25	NP	--	--	--	< 250	--	< 2.5	< 2.5	< 2.5	< 2.5	**51**	--	< 500	< 100	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5	< 50
V-8	5/3/2005	--	56.15	NP	--	--	--	**62**	--	< 0.50	< 0.50	< 0.50	< 0.50	**67**	--	< 100	< 20	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 50
V-8	8/3/2005	--	56.02	NP	--	--	--	< 2500	--	< 25	< 25	< 25	< 25	**90**	--	< 5000	< 1000	< 25	< 25	< 25	< 25	< 25	< 50
V-8	10/28/2005	--	55.85	NP	--	--	--	< 100	--	< 1.0	< 1.0	< 1.0	< 1.0	**110**	--	< 200	< 40	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 47
V-8	1/11/2006	--	55.85	NP	--	--	--	< 250	--	< 2.5	< 2.5	< 2.5	< 2.5	**230**	--	< 1500	< 100	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5	< 48
V-8	4/17/2006	--	54.83	NP	--	--	--	< 500	--	< 5.0	< 5.0	< 5.0	< 5.0	**340**	--	< 3000	< 200	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 48
V-8	7/18/2006	--	55.74	NP	--	--	--	**930**	--	< 10	< 10	< 10	< 10	**1000**	--	< 6000	< 400	< 10	< 10	< 10	< 10	< 10	< 47
V-8	11/13/2006	--	55.70	NP	--	--	--	**350**	--	< 5.0	< 5.0	< 5.0	< 5.0	**1100**	--	< 3000	< 200	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 47
V-8	1/12/2007	--	55.71	NP	--	--	--	**640**	--	< 5.0	< 5.0	< 5.0	< 5.0	**1000**	--	< 3000	< 200	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 47
V-8	4/16/2007	--	55.69	NP	--	--	Past hold time (SS)	440 N	--	< 5.0	< 5.0	< 5.0	< 5.0	**730**	--	< 3000	< 200	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 47
V-8	7/6/2007	--	55.85	NP	--	--	--	690 N	--	< 2.5	< 2.5	< 2.5	< 2.5	**930**	--	< 1500	< 100	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5	< 47

TABLE 3
Historical Gauging and Analytical Data
ARCO Service Station No. 465
151 Southgate Avenue
Daly City, CA

Well I.D.	Date	GROUNDWATER ELEVATION DATA						GROUNDWATER ANALYTICAL DATA															
		TOC Elevation (ft)	Water Level Depth (ft)	LNAPL Depth (ft)	LNAPL Thickness (ft)	Water Level Elevation* (ft)	Qualifiers	GRO (ug/L)	DRO (ug/L)	Benzene (ug/L)	Toluene (ug/L)	Ethylbenzene (ug/L)	Xylene (Total) (ug/L)	MTBE (ug/L)	Naphthalene (ug/L)	Ethanol (ug/L)	TBA (ug/L)	DIPE (ug/L)	ETBE (ug/L)	TAME (ug/L)	1,2-DCA (ug/L)	EDB (ug/L)	Stoddard Solvent (ug/L)
V-8	10/4/2007	--	56.03	NP	--	--	--	350 N	--	< 2.5	< 2.5	< 2.5	< 2.5	**610**	--	< 1500	< 100	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5	< 47
V-8	1/21/2008	--	56.16	NP	--	--	--	< 500	--	< 5.0	< 5.0	< 5.0	< 5.0	**240**	--	< 3000	< 200	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 49
V-8	4/17/2008	--	56.28	NP	--	--	--	< 50	--	< 0.50	< 0.50	< 0.50	**0.55**	**160**	--	< 300	**11**	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 50
V-8	7/10/2008	--	56.28	NP	--	--	--	< 50	--	< 2.5	< 2.5	< 2.5	< 2.5	**190**	--	< 1500	< 50	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5	**63**
V-8	10/16/2008	101.34	56.30	NP	--	45.04	--	< 50	--	< 5.0	< 5.0	< 5.0	< 5.0	**210**	--	< 3000	< 100	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 50
V-8	1/22/2009	101.34	56.37	NP	--	44.97	--	< 50	--	< 5.0	< 5.0	< 5.0	< 5.0	**120**	--	< 3000	< 100	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 50
V-8	4/22/2009	101.34	56.44	NP	--	44.90	--	< 50	--	< 1.0	< 1.0	< 1.0	< 1.0	**57**	--	< 600	< 20	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 50
V-8	7/27/2009	101.34	56.59	NP	--	44.75	--	84 N	--	< 1.0	< 1.0	< 1.0	< 1.0	**79**	--	< 600	< 20	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 50
V-8	10/30/2009	101.34	57.61	NP	--	43.73	--	< 50	--	< 1.0	< 1.0	< 1.0	< 1.0	**48**	--	< 600	< 20	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 50
V-8	4/23/2010	101.34	56.68	NP	--	44.66	--	< 50	--	< 0.50	< 0.50	< 0.50	< 0.50	**9.9**	--	< 300	< 10	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	--
V-8	10/28/2010	101.34	56.52	NP	--	44.82	--	< 50	--	< 0.50	< 0.50	< 0.50	< 0.50	**16**	--	< 300	< 10	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 50
V-8	4/11/2011	101.34	56.57	NP	--	44.77	--	< 50	--	< 1.0	< 1.0	< 1.0	< 1.0	**6.4**	--	< 600	< 20	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 50
V-8	10/24/2011	101.30	56.30	NP	--	45.00	--	< 50	--	< 1.0	< 1.0	< 1.0	< 1.0	**5.6**	--	< 600	< 20	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 50
V-8	4/4/2012	101.30	56.25	NP	--	45.05	--	< 50	--	< 0.50	< 0.50	< 0.50	< 0.50	**2.0**	--	< 300	< 10	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 50
V-8	7/25/2012	101.30	56.50	NP	--	44.80	SV	< 50	--	< 0.50	< 0.50	< 0.50	< 1.0	**3.8**	--	< 150	< 10	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 47
V-8	10/3/2012	101.30	56.59	NP	--	44.71	MD	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
V-8	10/4/2012	101.30	--	--	--	--	SV	< 50	--	< 0.50	< 0.50	< 0.50	< 1.0	**24**	--	< 150	< 10	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 48
V-8	1/14/2013	101.30	56.70	NP	--	44.60	SV	< 50	--	< 0.50	< 0.50	< 0.50	< 1.0	**21**	--	< 150	< 10	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 48
V-8	4/1/2013	101.30	56.70	NP	--	44.60	MD	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
V-8	4/2/2013	101.30	--	--	--	--	SV	< 50	--	< 0.50	< 0.50	< 0.50	< 1.0	**11**	--	--	< 10	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 56
V-8	7/25/2013	101.30	56.79	NP	--	44.51	MD	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
V-8	7/26/2013	101.30	--	--	--	--	SV	< 50	--	< 0.50	< 0.50	< 0.50	< 1.0	**15**	--	< 150	< 10	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 47
V-8	10/29/2013	101.30	56.83	NP	--	44.47	SV	< 50	--	< 0.50	< 0.50	< 0.50	< 1.0	**40**	--	< 150	< 10	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 47
V-8	1/21/2014	101.30	56.73	NP	--	44.57	MD	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
V-8	1/22/2014	101.30	--	--	--	--	SV	< 50	--	< 0.50	< 0.50	< 0.50	< 1.0	**20**	--	--	< 10	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 48
V-8	7/1/2014	101.30	56.13	NP	--	45.17	MD	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
V-8	7/2/2014	101.30	--	--	--	--	SV	< 50	--	< 0.50	< 0.50	< 0.50	< 1.0	< 0.50	--	--	< 10	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 47
V-8	2/9/2015	101.30	57.42	NP	--	43.88	MD	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
V-8	2/12/2015	--	--	--	--	--	--	< 50	--	< 0.50	< 0.50	< 0.50	< 1.0	**5.5**	--	--	< 10	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 51
V-8	2/8/2016	101.30	56.92	NP	--	44.38	IW, VOL	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
V-8	4/24/2018	101.30	55.77	NP	--	45.53	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
V-8	5/16/2018	101.30	56.44	NP	--	44.86	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
V-8	9/28/2018	101.30	55.95	NP	--	45.35	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
V-8	1/28/2019	101.30	56.16	NP	--	45.14	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
V-8	1/30/2019	101.30	--	--	--	--	NG	< 50	--	< 0.50	< 0.50	< 0.50	< 1.0	< 0.50	< 1.0	< 150	< 10	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 48
V-8	8/26/2019	101.30	56.35	NP	--	44.95	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
V-8	11/4/2019	101.30	56.42	NP	--	44.88	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
V-8	1/20/2020	101.30	56.33	NP	--	44.97	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
V-8	1/22/2020	101.30	--	--	--	--	NG	< 50LR	--	< 0.50	< 0.50	< 0.50	< 1.0	< 0.50	< 1.0	< 150	< 10	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 47
V-9	7/1/2014	101.16	39.30	NP	--	61.86	IW, Stagnant water	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
V-9	2/8/2016	101.16	39.35	NP	--	61.81	Grab sample, MD	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
V-9	2/11/2016	101.16	--	--	--	--	NG, DNP	< 50	--	**0.50**	< 0.50	< 0.50	< 1.0	**6.7**	--	--	< 10	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	--
V-9	2/13/2018	101.16	39.28	NP	--	61.88	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
V-9	4/24/2018	101.16	39.25	NP	--	61.91	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
V-9	9/28/2018	101.16	39.29	NP	--	61.87	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
V-9	1/28/2019	101.16	39.28	NP	--	61.88	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
V-9	5/16/2019	101.16	39.33	NP	--	61.83	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
V-9	8/26/2019	101.16	39.35	NP	--	61.81	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
V-9	11/4/2019	101.16	39.36	NP	--	61.80	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
V-9	1/20/2020	101.16	39.35	NP	--	61.81	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

TABLE 3
Historical Gauging and Analytical Data
ARCO Service Station No. 465
151 Southgate Avenue
Daly City, CA

Well I.D.	Date	GROUNDWATER ELEVATION DATA						GROUNDWATER ANALYTICAL DATA															
		TOC Elevation (ft)	Water Level Depth (ft)	LNAPL Depth (ft)	LNAPL Thickness (ft)	Water Level Elevation* (ft)	Qualifiers	GRO (ug/L)	DRO (ug/L)	Benzene (ug/L)	Toluene (ug/L)	Ethylbenzene (ug/L)	Xylene (Total) (ug/L)	MTBE (ug/L)	Naphthalene (ug/L)	Ethanol (ug/L)	TBA (ug/L)	DIPE (ug/L)	ETBE (ug/L)	TAME (ug/L)	1,2-DCA (ug/L)	EDB (ug/L)	Stoddard Solvent (ug/L)
V-10	7/1/2014	103.59	34.71	NP	--	68.88	IW, Stagnant water	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
V-10	2/8/2016	103.59	34.70	NP	--	68.89	Grab sample, MD	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
V-10	2/11/2016	103.59	--	--	--	--	NG, DNP	**520**	--	**1.6**	< 0.50	**2.5**	**14**	**12**	--	--	< 10	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	--
V-10	2/13/2018	103.59	39.68	NP	--	63.91	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
V-10	4/24/2018	103.59	34.70	NP	--	68.89	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
V-10	9/28/2018	103.59	34.75	NP	--	68.84	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
V-10	1/28/2019	103.59	34.71	NP	--	68.88	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
V-10	5/16/2019	103.59	34.75	NP	--	68.84	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
V-10	8/26/2019	103.59	--	--	--	--	Dry	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
V-10	11/4/2019	103.59	34.75	NP	--	68.84	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
V-10	1/20/2020	103.59	34.47	NP	--	69.12	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
V-11	7/25/2016	104.04	99.12	NP	--	4.92	NSP	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
V-11	4/24/2018	104.04	99.23	NP	--	4.81	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
V-11	9/28/2018	104.04	99.25	NP	--	4.79	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
V-11	1/28/2019	104.04	99.18	NP	--	4.86	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
V-11	5/16/2019	104.04	99.23	NP	--	4.81	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
V-11	8/26/2019	104.04	99.21	NP	--	4.83	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
V-11	11/4/2019	104.04	99.24	NP	--	4.80	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
V-11	1/20/2020	104.04	99.26	NP	--	4.78	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
								--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
V-12	2/8/2016	105.33	89.13	NP	--	16.20	VOL	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
V-12	7/15/2016	105.33	89.00	NP	--	16.33	Pilot test, NSP	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
V-12	7/25/2016	105.33	88.98	NP	--	16.35	NSP	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
V-12	8/23/2016	105.33	89.00	NP	--	16.33	NSP	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
V-12	4/24/2018	105.33	89.03	NP	--	16.30	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
V-12	9/29/2018	105.33	89.04	NP	--	16.29	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
V-12	1/28/2019	105.33	89.04	NP	--	16.29	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
V-12	7/9/2019	105.33	89.11	NP	--	16.22	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
V-12	7/10/2019	105.33	89.06	NP	--	16.27	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
V-12	7/11/2019	105.33	89.08	NP	--	16.25	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
V-12	8/6/2019	105.33	89.10	NP	--	16.23	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
V-12	8/7/2019	105.33	89.07	NP	--	16.26	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
V-12	8/8/2019	105.33	89.08	NP	--	16.25	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
V-12	8/26/2019	105.33	89.15	NP	--	16.18	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
V-12	11/4/2019	105.33	89.11	NP	--	16.22	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
V-12	1/20/2020	105.33	89.73	NP	--	15.60	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
V-13	2/8/2016	102.90	89.07	NP	--	13.83	VOL	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
V-13	7/15/2016	102.90	89.11	NP	--	13.79	Pilot test, NSP	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
V-13	7/25/2016	102.90	89.10	NP	--	13.80	NSP	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
V-13	4/24/2018	102.90	89.08	NP	--	13.82	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
V-13	9/28/2018	102.90	89.15	NP	--	13.75	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
V-13	1/28/2019	102.90	89.10	NP	--	13.80	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
V-13	5/16/2019	102.90	89.15	NP	--	13.75	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
V-13	8/26/2019	102.90	--	--	--	--	Dry	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
V-13	11/4/2019	102.90	89.23	NP	--	13.67	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
V-13	1/20/2020	102.90	89.20	NP	--	13.70	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

TABLE 3

Historical Gauging and Analytical Data

ARCO Service Station No. 465

151 Southgate Avenue

Daly City, CA

Well I.D.	Date	GROUNDWATER ELEVATION DATA						GROUNDWATER ANALYTICAL DATA															
		TOC Elevation (ft)	Water Level Depth (ft)	LNAPL Depth (ft)	LNAPL Thickness (ft)	Water Level Elevation* (ft)	Qualifiers	GRO (ug/L)	DRO (ug/L)	Benzene (ug/L)	Toluene (ug/L)	Ethylbenzene (ug/L)	Xylene (Total) (ug/L)	MTBE (ug/L)	Naphthalene (ug/L)	Ethanol (ug/L)	TBA (ug/L)	DIPE (ug/L)	ETBE (ug/L)	TAME (ug/L)	1,2-DCA (ug/L)	EDB (ug/L)	Stoddard Solvent (ug/L)
V-14	5/20/2016	107.81	88.68	NP	--	19.13	Well development, NSP	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
V-14	7/15/2016	107.81	89.35	NP	--	18.46	Pilot test, NSP	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
V-14	7/25/2016	107.81	89.28	NP	--	18.53	NSP	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
V-14	8/23/2016	107.81	--	--	--	--	Dry	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
V-14	9/6/2017	107.81	89.66	NP	--	18.15	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
V-14	2/13/2018	107.81	88.90	NP	--	18.91	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
V-14	2/14/2018	107.81	--	--	--	--	NG	< 1000	--	< 100	< 100	< 100	< 200	**11000**	< 200	< 30000	**7000**	< 100	< 100	< 100	< 100	< 100	< 48
V-14	4/24/2018	107.81	88.78	NP	--	19.03	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
V-14	9/28/2018	107.81	88.63	NP	--	19.18	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
V-14	1/28/2019	107.81	88.54	NP	--	19.27	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
V-14	1/29/2019	107.81	--	--	--	--	NG	< 50	--	< 5.0	< 5.0	< 5.0	< 10	**510**	< 10	< 1500	**110**	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 48
V-14	5/16/2019	107.81	89.84	NP	--	17.97	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
V-14	6/3/2019	107.81	88.53	NP	--	19.28	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
V-14	6/18/2019	107.81	--	--	--	--	NG	< 50	--	< 0.50	< 0.50	< 0.50	< 1.0	**8.8**	< 1.0	< 150LQ	< 10	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 47
V-14	7/9/2019	107.81	88.46	NP	--	19.35	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
V-14	7/10/2019	107.81	88.43	NP	--	19.38	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
V-14	7/11/2019	107.81	88.93	NP	--	18.88	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
V-14	8/6/2019	107.81	87.58	NP	--	20.23	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
V-14	8/7/2019	107.81	87.90	NP	--	19.91	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
V-14	8/8/2019	107.81	87.99	NP	--	19.82	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
V-14	8/26/2019	107.81	88.88	NP	--	18.93	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
V-14	8/27/2019	107.81	--	--	--	--	NG	< 50	--	< 0.50	< 0.50	< 0.50	< 1.0	**55**	**1.4**	< 150	**85**	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 47
V-14	11/4/2019	107.81	89.85	NP	--	17.96	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
V-14	11/5/2019	107.81	--	--	--	--	NG	< 50	--	< 0.50	< 0.50	< 0.50	< 1.0	**1.5**	< 1.0	< 150	< 10	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 47
V-14	1/20/2020	107.81	88.67	NP	--	19.14	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
V-14	1/23/2020	107.81	--	--	--	--	NG	< 50	--	< 0.50	< 0.50	< 0.50	< 1.0	**31**	< 1.0	< 150	**56**	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 48

TABLE 3
Historical Gauging and Analytical Data
ARCO Service Station No. 465
151 Southgate Avenue
Daly City, CA

Well I.D.	Date	GROUNDWATER ELEVATION DATA						GROUNDWATER ANALYTICAL DATA																
		TOC Elevation (ft)	Water Level Depth (ft)	LNAPL Depth (ft)	LNAPL Thickness (ft)	Water Level Elevation* (ft)	Qualifiers	GRO (ug/L)	DRO (ug/L)	Benzene (ug/L)	Toluene (ug/L)	Ethylbenzene (ug/L)	Xylene (Total) (ug/L)	MTBE (ug/L)	Naphthalene (ug/L)	Ethanol (ug/L)	TBA (ug/L)	DIPE (ug/L)	ETBE (ug/L)	TAME (ug/L)	1,2-DCA (ug/L)	EDB (ug/L)	Stoddard Solvent (ug/L)

Notes:
TOC = Top of Casing
ft = feet
NP = No Product
LNAPL = Light Non=Aqueous Phase Liquid
* = Corrected for LNAPL if present (assumes LNAPL specific gravity = 0.75)
-- = No Information Available
Results in **bold** exceed the reporting detection limit
< = Not detected at or above indicated laboratory reporting limit
ug/L = micrograms per liter
GRO = Gasoline Range Organics
DRO = Diesel Range Organics
MTBE = Methyl tertiary butly ether
^ = TOC elevation changed to match August 24, 2017 survey data
a= Chomatogram Pattern: Weathered Gasoline C6-C12
b= Chromatogram Pattern: Gasolone C6-C12
c= The sample was diluted due to thie prescence of high levels of non-target analytes resulting in elevated reporting limits
d= Insufficient water in well to collect a sample
e= Hydrocarbon pattern is present in requested fuel quantitation range but does not resemble the pattern of the requested fuel for the Stoddard solvent
f= Discrete peak @ C6-C7 for GRO/TPH-g
g= This result was derived from a single point calibration with no MDL study for the Stoddard solvent
h= This sample was analyzed beyond the EPA recommended holding time. The results may still be useful for their intended purpose.
i= initial analysis indicated 10,000 ug/L, an estimated value above the calibration range of the instrument
j= Results for MTBE confirmed by EPA Methods 8260
k= Results of EPA Method 8240 METBE confirmation
l= Discrete peak at C5-C6
m= Hydrocarbon pattern is present in the requested fuel quantitation range byt does not resemble the pattern of the requested fuel
n= well is dry
o= well inaccessible
p= V-8 was sampled on Semptember 9,2000 because MW-1 was damaged
TBA = tertiary-Butyl Alcohol
DIPE = Diisopropyl ether
ETBE = Ethyl-tert-butyl ether
TAME = tert-Amylmethyl ether
1,2-DCA = 1,2-Dichloroethane
EDB = 1,2-Dibromoethane
IW = Inaccessible well
NG = Not Gauged
DNP = Did not purge prior to sampling
SV= Sample collected during SVE System Operation
VO = Vehicle obstruction
WD = Well Destroyed
WI = Well Inaccessible
NSP = Well not sampled this event, in accordance with groundwater sampling schedule
MD = Sampling & gauging performed over multiple days during this event
SU = Sample may be not be representative as they were collected within 48 hours of well development
VOL = Well not sampled due to insufficient volume of water in well
LQ = LCS/LCSD recovery above method control limits
N = Identity of contaminant uncertain (hydrocarbon pattern atypical of indicated analyte); see lab report

Beginning with the first quarter 2003 sampling event (3/26/03), TPH-g, BTEX and MTBE analyzed using EPA Method 8260B.

Beginning in the fourth quarter 2003, the laboratory modified the reported analyte list. Total petroleum hydrocarbons as gasoline (TPHg) has been changed resulting data may be impacted by the potential non-TPHg analytes within the requeted fuel range resulting in a higher concentation being reported

Beginning in the second quarater 2004, the carbon range fro GRO was changed from C6-C10 to C4-C12
Values for dissolved oxygen (DO) and pH were obstained through field measurements
Source: the data within this table collected prior to August 2002 was provided by URS by RM and their previous consultants. URS has not verified the accuracy of this information

Table 4A

Historical Zone A Groundwater Flow Direction and Gradient Data

ARCO Service Station No. 465

151 Southgate Avenue, Daly City, California

Well No.	Monitoring Date	DTW (ft bgs)	SPH Thickness (feet)	Groundwater Gradient (feet per foot)	Groundwater Flow Direction														
					N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW
MW-1	03/18/02	54.72	0.00	0.003											**1**					
	06/27/02	54.63	0.00	0.023	**1**															
	09/25/02	54.60	0.00	0.013			**1**													
	12/13/02	54.60	0.00	0.012			**1**													
	03/28/03	54.62	0.00	0.019			**1**													
	05/06/03	54.51	0.00	0.019		**1**														
	07/22/03	54.60	0.00	0.015		**1**														
	10/21/03	54.68	0.00	0.011		**1**														
	02/03/04	54.62	0.00	0.017		**1**														
	04/14/04	54.64	0.00	0.013			**1**													
	07/20/04	54.56	0.00	0.018			**1**													
	10/29/04	54.39	0.00	0.006		**1**														
	01/11/05	54.36	0.00	0.020		**1**														
	05/03/05	54.40	0.00	0.020		**1**														
	08/03/05	54.14	0.00	0.010			**1**													
	10/28/05	54.00	0.00	0.006					**1**											
	01/11/06	54.15	0.00	0.009			**1**													
	04/17/06	54.11	0.00	0.009					**1**											
	07/18/06	53.92	0.00	0.009				**1**												
	11/13/06	53.86	0.00	0.009				**1**												
	01/12/07	53.81	0.00	0.009				**1**												
	04/16/07	53.84	0.00	0.008				**1**												
	07/06/07	54.04	0.00	0.009				**1**												
	10/04/07	54.21	0.00	0.009					**1**											
	01/21/08	54.33	0.00	0.009					**1**											
	04/17/08	54.50	0.00	0.010				**1**												
	07/10/08	54.45	0.00	0.009				**1**												
	10/16/08	54.52	0.00	0.013 to 0.036	**1**															
	01/22/09	54.54	0.00	0.018								**1**								
	04/22/09	54.61	0.00	0.002								**1**								
	07/27/09	54.75	0.00	0.012																**1**
	10/30/09	54.80	0.00	0.033 to 0.038			**0.5**					**0.5**								
	04/23/10	54.89	0.00	0.002										**1**						
	10/28/10	54.72	0.00	0.012										**1**						
	04/11/11	54.87	0.00	0.002 to 0.007						**0.5**				**0.5**						
	10/24/11	54.49	0.00	0.011										**1**						
	04/04/12	54.45	0.00	0.008										**1**						

Table 4A

Historical Zone A Groundwater Flow Direction and Gradient Data

ARCO Service Station No. 465

151 Southgate Avenue, Daly City, California

Well No.	Monitoring Date	DTW (ft bgs)	SPH Thickness (feet)	Groundwater Gradient (feet per foot)	Groundwater Flow Direction															
					N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW
MW-1	10/03/12	54.80	0.00	0.006									**1**							
	01/14/13	55.00	0.00	0.007									**1**							
	04/01/13	55.50	0.00	0.012								**1**								
	07/25/13	55.57	0.00	0.006 to 0.020						**0.5**						**1**				
	10/29/13	55.10	0.00	0.017									**1**							
	01/21/14	55.22	0.00	0.007								**1**								
MW-1R	07/01/14	--	--	0.029	**1**															
	02/09/15	55.00	0.00	0.025						**1.0**										
	09/14/15	55.10	0.00	0.008 to 0.026				**1**												
	02/08/16	54.50	0.00	0.005 to 0.006				**0.5**											**0.5**	
	07/25/16	54.09	0.00	0.050								**1**								
	02/21/17	54.03	0.00	0.070								**1**								
	02/13/18	53.30	0.00	0.057						**1**										
	01/28/19	53.64	0.00	0.014						**0.5**				**0.5**						
	08/26/19	58.83	0.00	0.112						**1.0**										
	01/20/20	53.82	0.00	0.121							**0.5**			**0.5**						
Average Values		**54.57**	**0.00**	**0.019**	**3.0**	**7.0**	**7.5**	**8.5**	**4.0**	**4.5**	**0.5**	**6.5**	**3.0**	**5.5**	**1.0**	**0.5**	**0.0**	**0.0**	**0.5**	**1.0**
Minumum Values		**53.30**	**0.00**	**0.002**																
Maximum Values		**58.83**	**0.00**	**0.070**																

Explanation

TOC = Top of Casing (elevation in feet above mean sea level)

DTW = Depth to water below grade surface as measured from TOC

SPH = Separate-phase hydrocarbons

Number of Events **53 Events**

Source: Historical Groundwater Gradient Maps (Pre 2006) from URS.

Table 4B

Historical Zone B Groundwater Flow Direction and Gradient Data

ARCO Service Station No. 465

151 Southgate Avenue, Daly City, California

Well No.	Monitoring Date	DTW (ft bgs)	SPH Thickness (feet)	Groundwater Gradient (feet per foot)	Groundwater Flow Direction															
					N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW
MW-4D	02/12/15	145.82	0.00	0.008			**1**													
	06/16/15	145.79	0.00	--			--													
	09/14/15	145.57	0.00	0.026				**1**												
	12/02/15	145.57	0.00	--				--												
	02/08/16	145.38	0.00	0.007			**1**													
	07/25/16	144.81	0.00	0.007			**1**													
	02/21/17	142.81	0.00	0.005			**1**													
	09/06/17	139.58	0.00	--			--													
	02/15/18	136.36	0.00	--			--													
	03/25/19	130.93	0.00	0.005						**1**										
	08/26/19	129.19	0.00	0.004						**1**										
	01/20/20	122.80	0.00	0.103						**1**										
Average Values		**139.55**	**0.00**	**0.021**	**0.0**	**0.0**	**4.0**	**1.0**	**0.0**	**3.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**
Minumum Values		**122.80**	**0.00**	**0.004**																
Maximum Values		**145.82**	**0.00**	**0.103**																

Explanation

TOC = Top of Casing (elevation in feet above mean sea level)

DTW = Depth to water below grade surface as measured from TOC

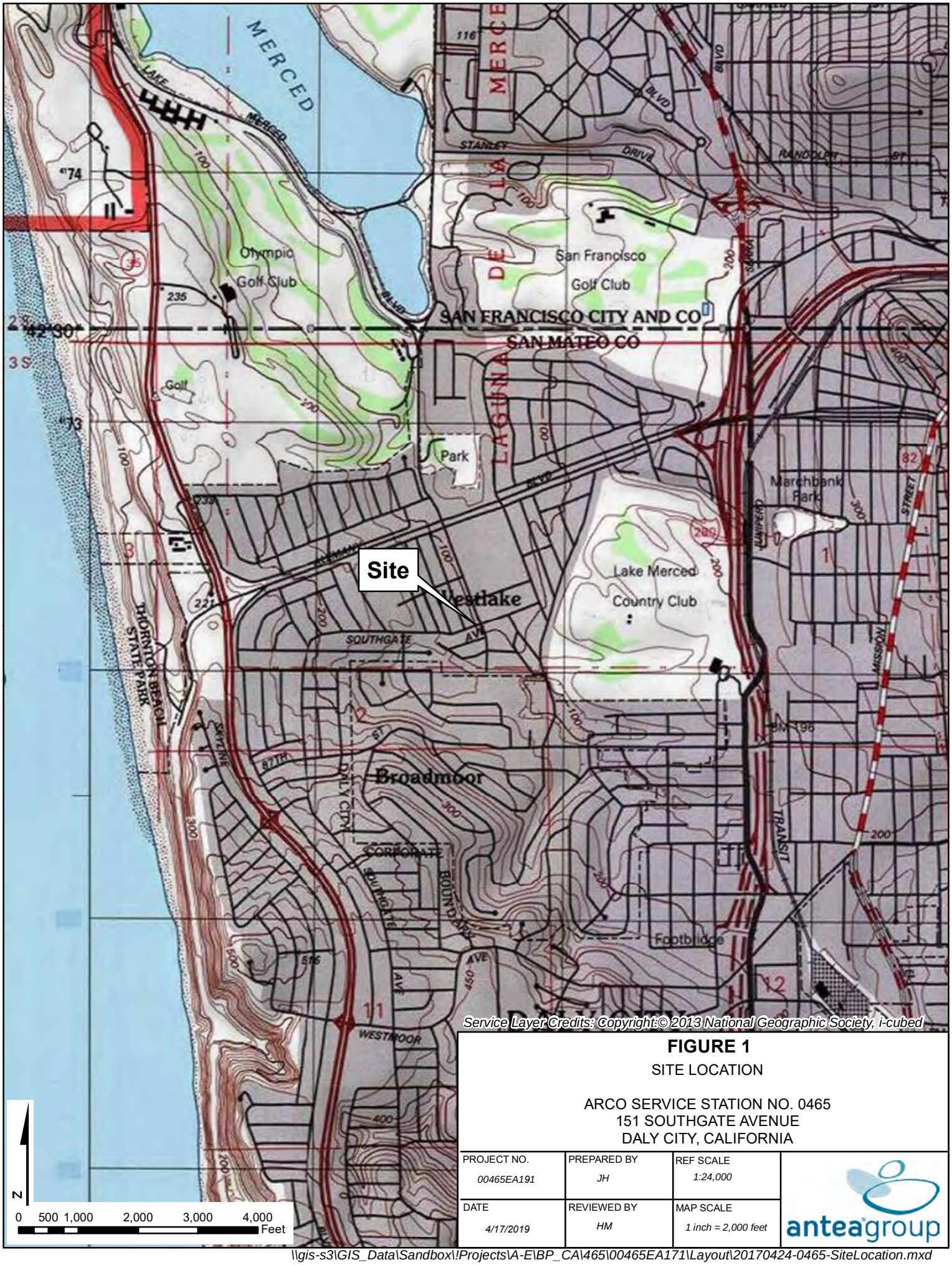
SPH = Separate-phase hydrocarbons

Number of Events **12** **Monitorng Events**

8 **Contour Maps**

Figures

Figure 1	Site Location Map
Figure 2	Site Plan
Figure 3A	Groundwater Elevation Map (Zone A) – January 20, 2020
Figure 3B	Groundwater Elevation Map (Zone B) – January 20, 2020
Figure 4A	Groundwater Concentration Map – November 5-6, 2019
Figure 4B	Groundwater Concentration Map – January 21-24, 2020



Service Layer Credits: Copyright © 2013 National Geographic Society, i-cubed

FIGURE 1

SITE LOCATION

ARCO SERVICE STATION NO. 0465
151 SOUTHGATE AVENUE
DALY CITY, CALIFORNIA

PROJECT NO.	PREPARED BY	REF SCALE	
00465EA191	JH	1:24,000	
DATE	REVIEWED BY	MAP SCALE	
4/17/2019	HM	1 inch = 2,000 feet	

antea group

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LEGEND

- GROUNDWATER MONITORING WELL (UNIT A)
- GROUNDWATER MONITORING WELL (UNIT B)
- ABANDONED/DESTROYED GROUNDWATER MONITORING WELL
- VAPOR EXTRACTION WELL (UNIT A)
- VAPOR EXTRACTION WELL (UNIT B)
- DESTROYED VAPOR EXTRACTION WELL
- CPT BORING
- SOIL BORING (SOUTHGATE CLEANERS)
- SOIL BORING (SHALLOW)
- SOIL BORING (MID)
- SOIL BORING (DEEP)
- SOIL VAPOR PROBE
- REMEDIATION TRENCH
- UNDERGROUND STORM DRAIN
- UNDERGROUND SANITARY SEWER
- UNDERGROUND GAS LINE
- UNDERGROUND ELECTRIC LINE
- UNDERGROUND STREET LIGHT LINE
- UNDERGROUND COMMUNICATIONS LINE
- UNDERGROUND WATER LINE
- UNDERGROUND UNKNOWN UTILITY
- EXCAVATION AREA (2000)
- EXCAVATION AREA (1999)
- EXCAVATION AREA (1997)
- LIGHT POLE
- STORM SEWER MANHOLE
- SANITARY SEWER MANHOLE
- ELECTRIC MANHOLE

NO. 99 SOUTHGATE AVENUE
1-STORY CONCRETE COMMERCIAL BUILDING
"BURLINGTON COAT FACTORY"

N

0 10 20 40 60 80 Feet

This figure is based on a survey by Stratus Environmental dated 10/7/08, a Utility Map by Stantec dated 6/14/08 and a Detailed Site Plan by Stantec dated 8/12/16.

FIGURE 2
SITE PLAN

ARCO SERVICE STATION NO. 0465
151 SOUTHGATE AVENUE
DALY CITY, CALIFORNIA

PROJECT NO.	PREPARED BY	REF SCALE
00465EA201	JH	1:480
DATE	REVIEWED BY	MAP SCALE
3/30/2020	PE	1 inch = 40 feet

antea group

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LEGEND

- GROUNDWATER MONITORING WELL (ZONE A)
- GROUNDWATER MONITORING WELL (ZONE B)
- ABANDONED/DESTROYED GROUNDWATER MONITORING WELL
- VAPOR EXTRACTION WELL (ZONE A)
- VAPOR EXTRACTION WELL (ZONE B)
- DESTROYED VAPOR EXTRACTION WELL
- SOIL VAPOR PROBE
- REMEDIATION TRENCH
- UNDERGROUND STORM DRAIN
- UNDERGROUND SANITARY SEWER
- UNDERGROUND GAS LINE
- UNDERGROUND ELECTRIC LINE
- UNDERGROUND STREET LIGHT LINE
- UNDERGROUND COMMUNICATIONS LINE
- UNDERGROUND WATER LINE
- UNDERGROUND UNKNOWN UTILITY
- LIGHT POLE
- STORM SEWER MANHOLE
- SANITARY SEWER MANHOLE
- ELECTRIC MANHOLE
- (49.98) GROUNDWATER ELEVATION (FEET)
- * NOT INCLUDED IN CONTOUR INTERPRETATION
- GROUNDWATER ELEVATION CONTOUR (FEET) CONTOUR INTEVAL = 2 FT.
- APPROXIMATE GROUNDWATER FLOW DIRECTION

N

0 10 20 40 60 80 Feet

This figure is based on a survey by Stratus Environmental dated 10/7/08, a Utility Map by Stantec dated 6/14/08 and a Detailed Site Plan by Stantec dated 8/12/16.

FIGURE 3A

GROUNDWATER ELEVATION MAP
(ZONE A) - JANUARY 20, 2020
ARCO SERVICE STATION NO. 0465
151 SOUTHGATE AVENUE
DALY CITY, CALIFORNIA

PROJECT NO.	PREPARED BY	REF SCALE
00465EA201	JH	1:480
DATE	REVIEWED BY	MAP SCALE
3/31/2020	PE/RB	1 inch = 40 feet

antea group

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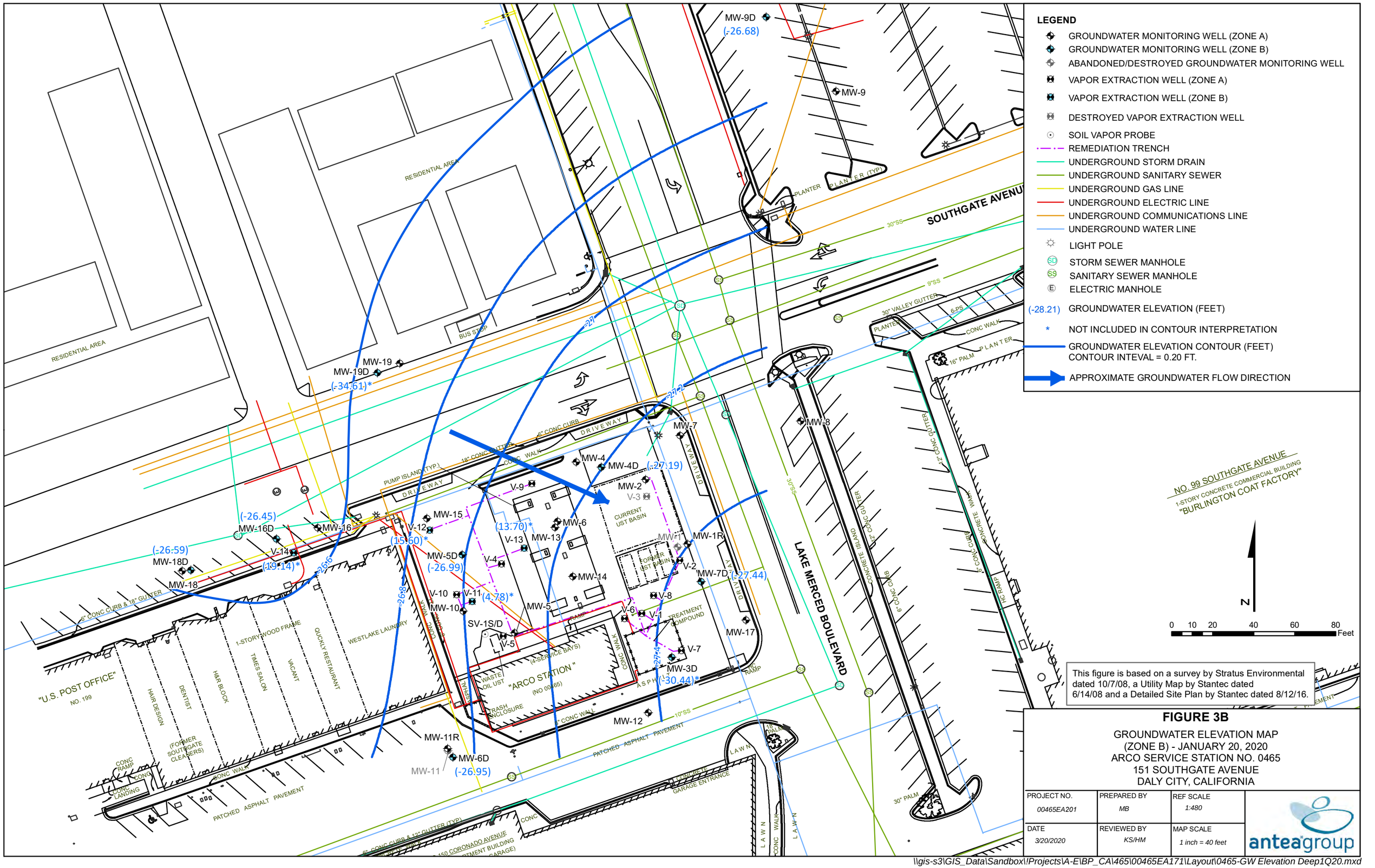


FIGURE 3B

GROUNDWATER ELEVATION MAP
(ZONE B) - JANUARY 20, 2020
ARCO SERVICE STATION NO. 0465
151 SOUTHGATE AVENUE
DALY CITY, CALIFORNIA

PROJECT NO.	PREPARED BY	REF SCALE
00465EA201	MB	1:480
DATE	REVIEWED BY	MAP SCALE
3/20/2020	KS/HM	1 inch = 40 feet

antea group

\\gis-s3\GIS_Data\Sandbox\!Projects\A-E\BP_CA\465\00465EA171\Layout\0465-GW Elevation Deep1Q20.mxd

MW-18D	
Chemical	Result (ug/L)
B	< 0.50
GRO	< 50
MTBE	< 0.50
TBA	< 10

MW-19D	
Chemical	Result (ug/L)
B	< 0.50
GRO	< 50
MTBE	< 0.50
TBA	< 10

MW-16D	
Chemical	Result (ug/L)
B	< 0.50
GRO	< 50
MTBE	< 0.50
TBA	< 10

V-14	
Chemical	Result (ug/L)
B	< 0.50
GRO	< 50
MTBE	1.5
TBA	< 10

LEGEND

- GROUNDWATER MONITORING WELL (ZONE A)
- GROUNDWATER MONITORING WELL (ZONE B)
- ABANDONED/DESTROYED GROUNDWATER MONITORING WELL
- VAPOR EXTRACTION WELL (ZONE A)
- VAPOR EXTRACTION WELL (ZONE B)
- DESTROYED VAPOR EXTRACTION WELL
- SOIL VAPOR PROBE
- REMEDIATION TRENCH
- UNDERGROUND STORM DRAIN
- UNDERGROUND SANITARY SEWER
- UNDERGROUND GAS LINE
- UNDERGROUND ELECTRIC LINE
- UNDERGROUND COMMUNICATIONS LINE
- UNDERGROUND WATER LINE
- LIGHT POLE
- STORM SEWER MANHOLE
- SANITARY SEWER MANHOLE
- ELECTRIC MANHOLE

B	BENZENE
GRO	GASOLINE RANGE ORGANICS
MTBE	METHYL TERTIARY BUTYL ETHER
TBA	TERTIARY BUTYL ALCOHOL
<	LESS THAN LABORATORY INDICATED REPORTING LIMITS

NO. 99 SOUTHGATE AVENUE
1-STORY CONCRETE COMMERCIAL BUILDING
"BURLINGTON COAT FACTORY"

N

0 10 20 40 60 80 Feet

This figure is based on a survey by Stratus Environmental dated 10/7/08, a Utility Map by Stantec dated 6/14/08 and a Detailed Site Plan by Stantec dated 8/12/16.

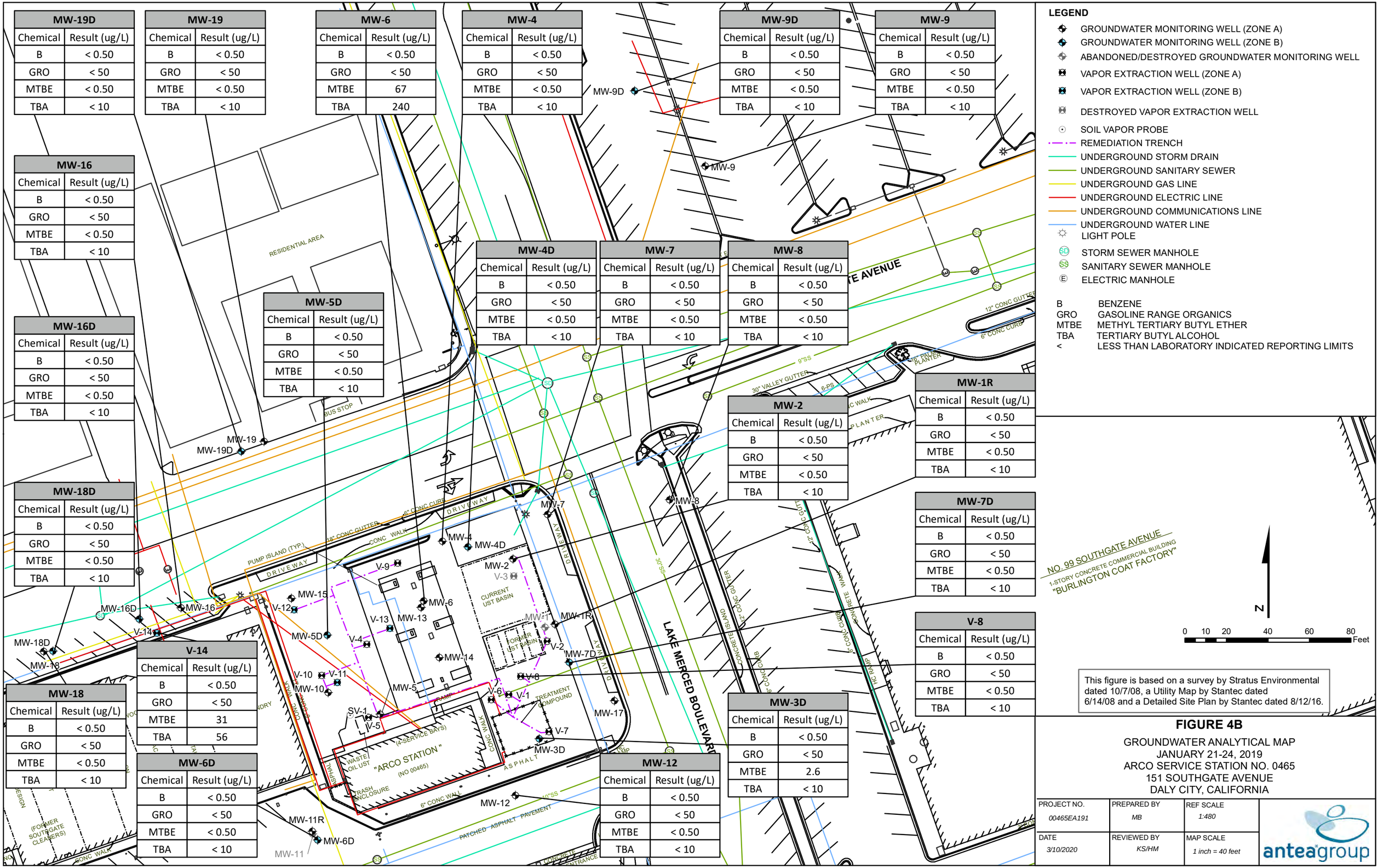
FIGURE 4A

GROUNDWATER ANALYTICAL MAP
NOVEMBER 5-6, 2019
ARCO SERVICE STATION NO. 0465
151 SOUTHGATE AVENUE
DALY CITY, CALIFORNIA

PROJECT NO.	PREPARED BY	REF SCALE
00465EA191	MB	1:480
DATE	REVIEWED BY	MAP SCALE
3/10/2020	KS/HM	1 inch = 40 feet

antea group

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MW-19D	
Chemical	Result (ug/L)
B	< 0.50
GRO	< 50
MTBE	< 0.50
TBA	< 10

MW-19	
Chemical	Result (ug/L)
B	< 0.50
GRO	< 50
MTBE	< 0.50
TBA	< 10

MW-6	
Chemical	Result (ug/L)
B	< 0.50
GRO	< 50
MTBE	67
TBA	240

MW-4	
Chemical	Result (ug/L)
B	< 0.50
GRO	< 50
MTBE	< 0.50
TBA	< 10

MW-9D	
Chemical	Result (ug/L)
B	< 0.50
GRO	< 50
MTBE	< 0.50
TBA	< 10

MW-9	
Chemical	Result (ug/L)
B	< 0.50
GRO	< 50
MTBE	< 0.50
TBA	< 10

MW-16	
Chemical	Result (ug/L)
B	< 0.50
GRO	< 50
MTBE	< 0.50
TBA	< 10

MW-4D	
Chemical	Result (ug/L)
B	< 0.50
GRO	< 50
MTBE	< 0.50
TBA	< 10

MW-7	
Chemical	Result (ug/L)
B	< 0.50
GRO	< 50
MTBE	< 0.50
TBA	< 10

MW-8	
Chemical	Result (ug/L)
B	< 0.50
GRO	< 50
MTBE	< 0.50
TBA	< 10

MW-5D	
Chemical	Result (ug/L)
B	< 0.50
GRO	< 50
MTBE	< 0.50
TBA	< 10

MW-16D	
Chemical	Result (ug/L)
B	< 0.50
GRO	< 50
MTBE	< 0.50
TBA	< 10

MW-2	
Chemical	Result (ug/L)
B	< 0.50
GRO	< 50
MTBE	< 0.50
TBA	< 10

MW-1R	
Chemical	Result (ug/L)
B	< 0.50
GRO	< 50
MTBE	< 0.50
TBA	< 10

MW-18D	
Chemical	Result (ug/L)
B	< 0.50
GRO	< 50
MTBE	< 0.50
TBA	< 10

V-14	
Chemical	Result (ug/L)
B	< 0.50
GRO	< 50
MTBE	31
TBA	56

MW-7D	
Chemical	Result (ug/L)
B	< 0.50
GRO	< 50
MTBE	< 0.50
TBA	< 10

V-8	
Chemical	Result (ug/L)
B	< 0.50
GRO	< 50
MTBE	< 0.50
TBA	< 10

MW-18	
Chemical	Result (ug/L)
B	< 0.50
GRO	< 50
MTBE	< 0.50
TBA	< 10

MW-6D	
Chemical	Result (ug/L)
B	< 0.50
GRO	< 50
MTBE	< 0.50
TBA	< 10

MW-12	
Chemical	Result (ug/L)
B	< 0.50
GRO	< 50
MTBE	< 0.50
TBA	< 10

MW-3D	
Chemical	Result (ug/L)
B	< 0.50
GRO	< 50
MTBE	2.6
TBA	< 10

LEGEND

- GROUNDWATER MONITORING WELL (ZONE A)
- GROUNDWATER MONITORING WELL (ZONE B)
- ABANDONED/DESTROYED GROUNDWATER MONITORING WELL
- VAPOR EXTRACTION WELL (ZONE A)
- VAPOR EXTRACTION WELL (ZONE B)
- DESTROYED VAPOR EXTRACTION WELL
- SOIL VAPOR PROBE
- REMEDIATION TRENCH
- UNDERGROUND STORM DRAIN
- UNDERGROUND SANITARY SEWER
- UNDERGROUND GAS LINE
- UNDERGROUND ELECTRIC LINE
- UNDERGROUND COMMUNICATIONS LINE
- UNDERGROUND WATER LINE
- LIGHT POLE
- STORM SEWER MANHOLE
- SANITARY SEWER MANHOLE
- ELECTRIC MANHOLE

B	BENZENE
GRO	GASOLINE RANGE ORGANICS
MTBE	METHYL TERTIARY BUTYL ETHER
TBA	TERTIARY BUTYL ALCOHOL
<	LESS THAN LABORATORY INDICATED REPORTING LIMITS

This figure is based on a survey by Stratus Environmental dated 10/7/08, a Utility Map by Stantec dated 6/14/08 and a Detailed Site Plan by Stantec dated 8/12/16.

FIGURE 4B

GROUNDWATER ANALYTICAL MAP
JANUARY 21-24, 2019
ARCO SERVICE STATION NO. 0465
151 SOUTHGATE AVENUE
DALY CITY, CALIFORNIA

PROJECT NO.	PREPARED BY	REF SCALE
00465EA191	MB	1:480
DATE	REVIEWED BY	MAP SCALE
3/10/2020	KS/HM	1 inch = 40 feet

antea group

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Appendix A

Site Details and Summary of Previous Environmental Investigations

ARCO FACILITY NO. 465 - 151 SOUTHGATE AVENUE, DALY CITY, CALIFORNIA

SITE ASSESSMENT AND REMEDIATION SUMMARY

1992 Initial Subsurface Investigation. An initial subsurface investigation was performed at the Site in March 1992. Six SVE wells (V-1 through V-6) were installed around the former UST basin and near the former waste oil UST. Groundwater monitoring wells MW-1 and MW-2 were installed at depths of approximately 70.5 feet and 61.5 feet bgs, respectively, to intercept a perched groundwater horizon[1]. Results of this investigation indicated that soil and groundwater near the gasoline and waste oil USTs had been impacted by petroleum hydrocarbons, including low boiling point hydrocarbons quantified as total petroleum hydrocarbons (TPH) as gasoline (TPHg; or gasoline range organics [GRO]), higher boiling point hydrocarbons quantified as TPH as diesel (TPHd; or diesel range organics [DRO]) and total recoverable petroleum hydrocarbons (TRPH). Low concentrations of semi-volatile organic compounds (SVOCs) and polychlorinated biphenyls (PCBs) were also reported in soil samples collected during the assessment.

In July 1992, SVE well V-7 was installed to a depth of 40 feet bgs, and an SVE pilot test was performed at the Site. In August 1992, deep groundwater monitoring well MW-3D was installed to a depth of approximately 220 feet bgs to intercept the upper portion of the regional groundwater aquifer[2]. The GPP noted in a letter dated July 5, 2001, that "MW-3D is screened from 202 bgs to 220 feet bgs (below an approximate 10-foot-thick clayey silt to silty clay zone) and may represent the deeper drinking water aquifer."

1993 Groundwater Sampling and Temporary SVE System Install. In January 1993, quarterly groundwater monitoring activities were initiated at the Site. Installation of vapor extraction and conveyance pipelines and construction of a vapor extraction and treatment system in the southwest corner of the Site were completed on March 30, 1993. On May 19, 1993, SVE well V-8 was installed to a depth of approximately 60.5 feet bgs. On May 20, 1993, groundwater monitoring well MW-4 was installed to a depth of approximately 61.5 feet bgs to further assess groundwater quality in the perched groundwater horizon. A temporary SVE system with an internal combustion engine began operation on July 13, 1993[3].

1994 – 1997 SVE System Operation and Shutdown. The SVE system was shut down due to noise issues on April 21, 1994. The internal combustion engine was removed from the Site on April 26, 1994. An Airex KATOX 100C55 catalytic oxidizer was installed at the Site in May 1995. The SVE system operated full time from June 13, 1995 to October 10, 1995. The operation schedule of the SVE system was then modified to two months of operation followed by two months of non-operation. Operation of the SVE system continued with a two-month operation and two-month non-operation schedule until February 10, 1997. The SVE system was restarted on September 22, 1997 to perform a four-week system evaluation. On October 15, 1997, the SVE system was shut down with approval from the GPP.

1997 Waste Oil UST Removal. On October 21, 1997, Gettler-Ryan removed a 520-gallon capacity waste oil UST and excavated the UST cavity to approximately 9 feet bgs. A soil sample (WO-1-8) collected at 8 feet bgs (2 feet below the bottom of the tank) had reported concentrations of 2,700 milligrams per kilogram

[1] SEACOR, 1992, *Technical Report, Phase 1 Site Investigation*. July 31.
[2] SEACOR, 1992, *Technical Report, Phase II Site Investigation.* December 9.
[3] SEACOR, 1993, *Project Status Report – Investigation and Remediation.* July 29.

(mg/kg) GRO and 2,700 mg/kg DRO. On October 30, 1997, Gettler-Ryan over-excavated the former waste oil UST pit to a depth of approximately 15 feet bgs. Stained soil was observed on the eastern wall of the pit approximately 4 feet bgs during over-excavation. With approval from the GPP, the over-excavation was extended in an easterly direction approximately 3 feet from the edge of the original excavation to a depth of 7 feet bgs. Three soil samples (WO-2-15, WO-3-7, and WO-4-4) were collected from the over-excavation areas and the results indicate mass was left in the subsurface. DRO concentrations ranged from 330 mg/kg to 4,000 mg/kg with the sample collected at 15 feet bgs reporting 3,100 mg/kg DRO, 2,900 mg/kg GRO, 16 mg/kg total xylenes, and 0.69 mg/kg MTBE. Approximately 60 cubic yards (yd^3) of soil excavated from the tank cavity was transported for offsite disposal by Dillard Trucking. A new waste oil UST and associated piping and vents were installed in the same tank cavity, the over-excavation was backfilled, and the surface asphalted on October 31, 1997[4].

1998 Soil Investigation. In January 1998, six confirmation soil borings (CSB-1 through CSB-6) were advanced to determine if operation of the temporary SVE system had reduced the hydrocarbon concentration in soil to levels acceptable for regulatory case closure**.** The borings were advanced using hollow stem augers to depths ranging from 30.5 feet to 55.5 feet bgs. Soil samples were analyzed for GRO, benzene, toluene, ethylbenzene, xylenes (BTEX), and MTBE. Soil samples collected from CSB-6, located near the former waste oil UST, were also analyzed for DRO, TRPH, volatile organic compounds (VOCs), halogenated VOCs, PCBs, and total metals. Concentrations of GRO, DRO, and TRPH were present in soil samples collected from CSB-5 and CSB-6. Soil samples collected from CSB-6 were also reported to contain concentrations of heavy oil. Benzene was not detected in any of the soil samples collected. MTBE was reported in soil samples collected from boring CSB-3 at depths of 15 feet bgs and 21 feet bgs with concentrations of 0.66 mg/kg and 0.15 mg/kg, respectively. Concentrations of ethylbenzene, total xylenes, 2-methylnaphthalene, PCB Aroclor 1248, and total metals were detected in soil samples collected from CSB-6 at depths of 5 and 15 feet bgs. On July 6, 1998, the SVE unit was removed from the Site[5].

1999 Product Line Removal. On March 5, 1999, Gettler-Ryan removed the product lines between the USTs and three fuel dispenser islands at the Site. The underlying soil in the trench between the central and northern two dispenser islands had gray staining and emitted a gasoline odor. Six trench floor soil samples (T-1 through T-6) and eight soil samples from beneath the dispensers (D-1 through D-8) were collected at 3 feet bgs and analyzed for GRO, BTEX, MTBE, and lead[6].

Due to concentrations of gasoline constituents in soil samples T-2, T-4, T-6, D-5, and D-8, soil was excavated to approximately 8 to 10 feet bgs and confirmation samples (T-2A, T-4A, T-6A, D-5A, and D-8A) were collected from the bottom of the over-excavated trenches on March 10, 1999. One of the five over excavation samples, T-2A located between the northern and middle dispenser island at 10 feet bgs contained 9,700 mg/kg GRO and 82 mg/kg benzene. Approximately 127 tons of soil were removed from the Site after the excavation and transported by Dillard Trucking to a Browning Ferris Industries offsite disposal facility[5].

2000 UST Removal Action. SVE well V-3 was abandoned on August 29, 2000 in preparation for UST replacement activities. Between August 28, 2000 and September 6, 2000, two 10,000-gallon capacity unleaded gasoline USTs, one 8,000-gallon capacity unleaded gasoline UST, and associated product lines

[4] SECOR, 1997, *Waste Oil Tank Removal.* October 24.
[5] SECOR, 1999, *Soil Sampling during Fuel Line Removal and Replacement.* June 25.
[6] SECOR, 1999, *Soil Sampling during Fuel Line Removal and Replacement.* June 25.

and dispensers were removed from the Site. Over-excavation of the UST area was confined to the expansion area intended for the new USTs[7].

During UST replacement activities performed in August and September 2000, Henderson Construction Company, the ARCO subcontractor performing the replacement, reported an unauthorized release of approximately 500 gallons of a gasoline and rinsate water mixture from one of the gasoline USTs. The spill occurred during the attempted removal of a UST with the rinsate water still inside. A portable dual-phase extraction (DPE) system was mobilized to the Site shortly thereafter and operated for a 10-day period to mitigate the effects of the reported release[8].

2001 Installation of MW-5 and MW-6 Monitoring Wells. In November 2001, SECOR International, Inc. (SECOR) installed two groundwater monitoring wells (MW-5 and MW-6) and advanced one soil boring (SB-1). Maximum concentrations of 21,000 mg/kg GRO and 470 mg/kg MTBE were reported in a sample collected from MW-6 at a depth of 15.5 feet bgs. The maximum benzene concentration (6.9 mg/kg) was reported in a sample collected from MW-5 at a depth of 20.5 feet bgs. Wells MW-5 and MW-6 were completed at a depth of 60 feet bgs. Groundwater samples have been obtained consistently from MW-6, but MW-5 has only had water seven times since it was installed[9].

2003 Additional Characterization near MW-5. In April 2003, URS Corporation (URS) performed additional characterization in the vicinity of MW-5 to determine whether shallow groundwater was present at a depth greater than the 60-foot completion depth of MW-5, and to characterize the vertical extent of petroleum hydrocarbons and fuel oxygenates near the waste oil UST. Boring MW-5A was drilled adjacent to MW-5 and soil was sampled to a depth of 85 feet. After drilling through soil identified as sandy clayey silt and clayey silty sand from approximately 60 to 64 feet bgs, the augers were left open for observation at a depth of 66 feet bgs in moist silty sand for over one hour. No water accumulated in the borehole, so an additional well was not installed at this location. No GRO or benzene concentrations greater than the laboratory reporting limits (LRLs) were detected in soil samples collected from 60.5 to 85 feet bgs in the boring. However, MTBE was detected in soil samples collected from 60.5 to 85 feet bgs at concentrations ranging from 0.12 mg/kg to 1.0 mg/kg[10].

2005 Additional Soil Characterization. In September 2005, URS advanced nine soil borings (SB-1 renamed SB-1A, SB-2 through SB 5, and SB-7 through SB-10) to depths ranging from 50 to 81 feet bgs in order to further assess the vertical and lateral extent of petroleum hydrocarbons in the subsurface. This work was summarized in URS' *Additional Soil and Groundwater Investigation Interim Report*, dated April 5, 2006.

Soil boring SB-6 was not advanced because no odor or photoionization detector (PID) readings were observed in boring SB-7. Benzene was not detected in onsite borings SB-1A, SB-2, and SB-3, while GRO, toluene, ethylbenzene, xylenes, and MTBE were detected. Soil samples collected from borings SB-2 and SB-3 were analyzed for the presence of additional VOCs. SB-3 had reported concentrations of 1,2,4-trimethylbenzene, 1,3,5-trimethylbenzene, n-butylbenzene, and n-propylbenzene above the LRL. Soil samples collected from boring SB-1A, advanced in the vicinity of the waste oil UST, were analyzed for the presence of DRO and Stoddard Solvent; these analytes were detected in the majority of samples collected

[7] SECOR, 2001, *Report of Environmental Activities Associated with Underground Storage Tank, Product Line, and Dispenser Replacement.* January 12.
[8] SECOR, 2000, *Report of Interim Remedial Action*, November 21.
[9] SECOR, 2002, *Additional Site Assessment*, May 23.
[10] URS, 2003, *Soil and Water Investigation Report*, June 3.

to a depth of approximately 51.5 feet bgs. GRO, BTEX, and fuel oxygenates were not detected in the soil samples collected from offsite borings SB-4, SB-5, and SB-7 through SB-10 at concentrations above the LRLs.

Grab groundwater samples were collected from onsite boring SB-3, and offsite borings SB-4, SB-5, and SB-7 through SB-10. The grab groundwater sample collected from onsite boring SB-3 at approximately 60.5 feet bgs, contained concentrations of GRO, BTEX, MTBE, 1,2-4 trimethylbenzene, and 1,3,5 trimethylbenzene. The grab groundwater samples collected from the offsite soil borings did not contain GRO, BTEX, and oxygenates at concentrations greater than the LRLs. Based upon the results of this investigation, URS recommended the installation of three additional offsite groundwater monitoring wells (MW-7 through MW-9) to further delineate the lateral extent of dissolved petroleum hydrocarbons offsite[11].

2008 Installation of MW-7, MW-8, and MW-9. On August 28 and 29, 2008, wells MW-7 through MW-9 were installed. Results of the investigation and an updated CSM were presented in the Stantec *Additional Site Assessment Report and SCM* dated June 14, 2010[12].

2010 -2011 Additional Assessment and Remediation Feasibility Test. In a letter dated July 6, 2010, the GPP requested a workplan for remediation feasibility testing. The proposed feasibility testing scope of work was presented in Stantec's *Additional Assessment and Remediation Feasibility Test Workplan* (Workplan) dated October 29, 2010. The GPP issued a letter dated January 13, 2011, stating the information provided in the Workplan serves as a Remedial Action Plan (RAP), and thus required BP to forego SVE feasibility testing and move directly to active SVE remediation[13]. The GPP letter also directed submittal of an addendum to the Workplan. BP provided the revised assessment and remediation workplan to the GPP via email on March 1, 2011.

In June and July 2011, Stantec completed additional assessment and bench-scale feasibility testing. The work involved the installation of three additional onsite (MW-10) and off-site (MW-11 and MW-12) groundwater monitoring wells to further characterize petroleum hydrocarbons in soil and groundwater, the installation of two additional SVE wells (V-9 and V-10) for expansion of the existing offline SVE system, and the installation of one dual-nested soil vapor probe (SV-1S/SV-1D) near the western property line to evaluate vapor phase petroleum hydrocarbon intrusion risk toward nearby potential receptors west of the site from the former waste oil and gasoline UST source areas. On December 21, 2011, Stantec collected soil vapor samples from vapor probes SV-1S and SV-1D. The tetrachloroethylene (PCE) concentrations reported in the vapor samples collected from SV-1S and SV-1D are likely derived from operations at the former Southgate Cleaners located west of the Site. Details of the completed assessment and In-Situ Chemical Oxidation (ISCO) feasibility testing utilizing hydrogen peroxide (H2O2), and an updated CSM were presented in the Stantec's report dated February 14, 2012[14].

2011-2012 SVE System Installation. Phase 1 of the SVE system installation began in August 2011 and included connection of the new SVE wells V-9 and V-10 and connection of existing well V-4 to an expanded remediation system compound through lateral conveyance piping placed underground. While reviewing

[11] URS, 2006, *Additional Soil and Groundwater Interim Report,* April 5.
[12] Stantec, 2010, *Additional Site Assessment Report and Site Conceptual Model*, June 14.
[13] Stantec, 2010, *Additional Assessment and Remediation Feasibility Test Workplan*, October 29.
[14]Stantec, 2012, *Additional Assessment Report of Findings, Bench Scale Feasibility Test Report, and Site Conceptual Model*, February 14.

historical soil analytical data, it was noted that 1,200 mg/kg GRO was present in a soil sample collected at 46 feet bgs in soil boring SB-1A, located between MW-5 and newly installed well MW-10. Since the shallow SVE wells are screened from 15 to 35.5 feet bgs, Stantec connected groundwater monitoring wells MW-5 and MW-10 (screened from 40 to 60 feet bgs) to the SVE system to insure recovery of hydrocarbon mass present in soil at 46 feet bgs. The extraction piping was installed from V-5 to MW-5 and from V-10 to MW-10 and controlled with a ball valve. The ball valve allows extraction from V-5 or MW-5 and V-10 or MW-10.

Phase 2 of the SVE system installation was completed in February 2012 with installation of a thermal oxidizer. System startup and source testing was conducted in July 2012 upon completion of Pacific Gas & Electric (PG&E) utility connection and Bay Area Air Quality Management District (BAAQMD) air permitting[15]. Stantec's *Soil Vapor Extraction System Source Test Report* was submitted to the GPP on October 19, 2012, in accordance with their directive. The SVE system startup was completed on October 22, 2012[16].

2012 SVE Source Test. In a letter dated June 19, 2012, GPP issued a notice of violation (NOV) for the failure to begin operation of the SVE system. Although significant progress had been made, additional tasks that required completion before the new SVE system could be started included connection of power and natural gas services from PG&E and issuance of an Authority to Construct (ATC) permit from the BAAQMD. As communicated to the GPP in electronic correspondence dated June 12, 2012, the BAAQMD delayed issuance of the ATC permit due to concern about chlorinated solvents present in soil vapor beneath the Site and the potential for dioxin formation when operating the thermal oxidizer to treat chlorinated solvents present in the extracted soil vapor. In order to maintain compliance with ATC permit conditions, Stantec performed an SVE source test on July 2 and 3, 2012 using Granular Activated Carbon (GAC) vessels arranged in series. Following installation of the GAC vessels, Stantec worked with the SVE equipment manufacturer to modify the SVE system controls, bypass the thermal oxidizer, and re-route the extracted soil vapor through the GAC vessels for treatment[16]. As part of the source test, individual extraction well vapor samples were analyzed for contaminant concentrations. Stantec evaluated influent vapor analytical data to determine the total chlorinated atom mass and determine whether the dioxin health risk trigger level would be exceeded. The calculated dioxin trigger level was not exceeded, and the thermal oxidizer was placed back online[17].

2013 Additional Soil and Groundwater Assessment. Between March 18 and 27, 2013, Stantec supervised National Exploration, Wells, and Pumps (NEWP) during advancement of three soil borings (SB-11 through SB-13). Soil and groundwater samples were submitted to JAG Consulting Group for bench scale testing and analysis. The results, including an updated CSM, are summarized in Stantec's *Additional Assessment Report, Bench Scale Feasibility Test Report, and Site Conceptual Model* dated June 13, 2013. The GPP reviewed the report and responded in a letter dated March 18, 2014. The GPP requested a workplan for additional assessment and well replacement. Stantec submitted the requested workplan on June 19, 2014[18]. The workplan was conditionally approved by GPP in a letter dated August 18, 2014.

2014-2015 Additional Soil and Groundwater Assessment. Between December 2014 and February 2015, Stantec completed additional assessment that included the following scope of work:

[15]Stantec, 2013, *Remediation System Installation Report*, April 12, 2013.
[16] Stantec, 2012, *Soil Vapor Extraction System Source Test Report*, October 19.
[17]USEPA, 2004, How to Evaluate Alternative Cleanup Technologies for Underground Storage Tank Sites, May 2004
[18] Stantec, 2014, *Workplan for Additional Assessment*, June 19.

- Advanced four soil borings (SB-14 through SB-17) to depths ranging from 130 to 180.5 feet bgs.
- Installed six groundwater monitoring wells (MW-1R, MW-13 through MW-17) to depths ranging from 32 to 62.5 feet bgs. The data was used to further assess the lateral and vertical extent of MTBE in soil and the lateral extent of MTBE present in the shallow perched groundwater zone underlying the site at approximately 44 feet bgs.
- Installed four groundwater monitoring wells (MW-4D through MW-7D) to depths ranging from 160 to 166 feet bgs to assess the shallow regional groundwater underlying the Site at approximately 150 feet bgs.
- Advanced three hand augers borings (HA-1 through HA-3) adjacent to the dispenser islands to further assess the extent of MTBE in soil at 5 feet bgs.

Based on the assessment results, the vertical extent of MTBE in soil was defined to a maximum depth of 110 feet bgs and the lateral extent was defined south and east of the Site. MTBE in perched groundwater was also defined to the south and east of the Site. MTBE was only reported in a deep, water sample collected from MW-4D at a concentration of 1.9 micrograms per liter (µg/L), so it seems the bulk of the MTBE mass present in the source areas at the Site had not reached the shallow regional aquifer. Operation of the SVE system also appears to have removed the bulk of the MTBE mass present in soil above the perched water zone[19].

October – November 2015 Additional Assessment – During October and November 2015, Stantec completed the following activities at the Site:

- To assess the lateral extent of MTBE in soil between the perched groundwater zone extending to approximately 55 to 64 feet bgs and the shallow regional groundwater zone extending to approximately 145 to 150 feet bgs, and to assess the lateral extent of hydrocarbons in the perched zone and shallow regional groundwater zone, soil borings were advanced to the west (SB-18) and west-northwest (SB-19) of the Site. Analytical results indicate that MTBE is present in soil at concentrations ranging from 0.006 to 0.11 mg/kg at depths between 100 and 120 feet bgs in SB-18. A sample collected at 130 feet bgs defines the vertical extent of MTBE in this area. Non-detect results from samples collected from SB-19 define the lateral extent of impacts to the west-northwest of the Site.
- Groundwater monitoring well MW-18 was installed to a total depth of 64.5 feet bgs to assess the perched groundwater zone west of the Site.
- Due to a potentially unsuitable screen interval, the GPP approved the destruction groundwater monitoring well MW-1 by over-drilling. The screen interval of MW-1 was only 4 to 5 feet above the depth to groundwater and screened 10 feet deeper than surrounding wells in the perched groundwater zone, potentially providing groundwater samples that were not representative of the top of the perched groundwater zone. Replacement well MW-1R was installed approximately 7 feet east of the MW-1 location at a total depth of 60 feet bgs in December 2014.
- To better assess groundwater conditions in the perched zone southwest of the Site, Stantec oversaw the installation of groundwater monitoring well MW-11R. Well MW-11 was over-drilled and deepened to 65 feet bgs for the installation of MW-11R. The original depth of MW-11 was 50 feet bgs.

[19] Stantec, 2015, *Additional Assessment Report and Site Conceptual Model*, February 25.

- Vapor extraction wells V-12 and V-13 were installed to total depths of 90 feet bgs and screened from 70 feet bgs to 90 feet bgs to facilitate the remediation of deep MTBE concentrations in the northwest quadrant of the Site.
- To assess the extent of waste oil impacts to soil near the existing waste oil UST in the southwest corner of the Site, soil borings SB-21 and SB-22 were advanced to 40 and 35 feet bgs, respectively. Significant reductions in GRO, oil range organics (ORO), BTEX and MTBE concentrations were reported in samples collected from borings SB-21 and SB-22 when compared to historical data from borings CSB-6, MW-5A and well V-5[20].

May 2016 – Additional Assessment and Vapor Extraction Pilot Test – In order to assess the lateral extent of MTBE in soil between perched and regional groundwater, and to assess the lateral extent of hydrocarbons in soil in the perched groundwater zone to the north and northwest of the Site, Stantec oversaw the completion of the following work between May 9 and 20, 2016:

- Advanced soil boring SB-20D to the northwest of the Site. Soil boring SB-20D was advanced after refusal was encountered in attempted borings SB-20, SB-20B, and SB-20C in the Daly City Right-of-Way at approximately 23 feet bgs. Borings SB-20 and SB-20B were attempted in October 2015, and boring SB-20C was attempted in February 2016. Only MTBE concentrations were detected in soil samples collected from SB-20D at depths between 69.5 and 131 feet bgs. No other analytes were detected above the LRLs in soil samples collected from SB-20D.
- Installed monitoring well MW-19 northwest of the Site to assess the perched groundwater zone. MW-19 was installed to a total depth of 62.5 feet bgs with 10 feet of screen from 52.5 to 62.5 feet bgs. Soil analytical results from MW-19 did not have reported detections above the LRLs for any analyte.
- Advanced and installed offsite well V-14 to facilitate soil vapor extraction feasibility testing in the SVE wells screened from 70 to 90 feet bgs onsite. V-14 was installed to a total depth of 90 feet bgs with 20 feet of screen from 70 to 90 feet bgs. MTBE was detected in soil at concentrations ranging from 0.21 to 2.7 mg/kg at depths between 76 and 86 feet bgs. Tert-butyl alcohol (TBA) was present at a concentration of 1.2 mg/kg in the soil sample from 86 feet bgs. No other analytes were detected above the LRLs in soil samples collected from V-14.

Stantec performed pilot testing activities in the vicinity of V-14 on July 14 and 15, 2016. Pilot testing consisted of a step test, radius of influence (ROI) test, and sample collection to estimate potential MTBE mass removal rates. Step testing was performed by applying a vacuum of approximately 2, 4, 6, and 8 inches of mercury (inHg), measured at the system to extraction well V-11. A relatively linear relationship developed between the applied vacuum and the extracted flow rate, indicating that the system could operate at up to 8 inHg vacuum and not experience significant reduction in flow due to constriction of the well screen from lithology. ROI testing consisted of applying a vacuum between 8 and 9 inHg at the system, which resulted in 40 to 60 inches of water (inH_2O) at the wellhead. Vacuum influence measurements collected at V-12 and V-13, located 41 and 37 feet from the test well, respectively, were measured to be approximately 50% of the applied vacuum. The observed vacuum at V-14, located 89 feet from the extraction well, was measured to be approximately 25% of the applied vacuum. Based on these results, an estimated maximum deep well radius of effective air exchange of 96 feet was produced. To determine the concentration of MTBE in extracted soil vapor and allow for the estimation of MTBE mass

[20] Stantec, 2015, *Additional Assessment Report*, November 16.

removal rates during continuous operation, influent and effluent vapor samples were collected approximately halfway through the ROI test and submitted for laboratory analysis. Based on vapor concentrations obtained through laboratory analysis, the estimated MTBE mass removal rate from V-11 through the duration of the pilot test study was 1.69 pounds per day (lbs/day)[21].

July 2017 – Subsurface Investigation. To better delineate down gradient impacts located within the shallow regional groundwater zone at approximately 145 to 150 feet bgs., Antea Group oversaw Cascade Drilling, Inc. (Cascade) advance one soil boring to 162 feet bgs in a parking lot at the northeast corner of Southgate Avenue and Lake Merced Blvd between July 17 and 19, 2017. The boring was completed as deep monitoring well MW-9D, built at a total depth of 155 feet with 20 feet of screen from 135 to 155 feet bgs. A total of five soil samples were collected during this investigation and submitted for laboratory analysis. None of the five samples submitted had concentrations of petroleum hydrocarbon constituents that exceeded the LRLs[22].

August 2017 – Radius of Influence Vacuum Test. On June 16, 2017, GPP staff directed BP to connect V-14 to the SVE system based on a belief that the need for dilution air to operate the SVE system was not effectively removing MTBE from the soil near V-14. On August 25, 2017 Antea Group conducted another test on deep zone wells V-11, V-12, V-13 and V-14 to determine the ROI of the SVE system while operating with dilution air. Well V-12 was isolated for the ROI test due to its proximity to well V-14 using the existing SVE system operated with dilution air. An applied vacuum of 78 inH_2O was maintained at well V-12 for one hour. Wells V-11, V-13 and V-14 located approximately 41, 47 and 67.5 feet from V-12, were observed to have induced vacuums of 44, 46 and 31 inH_2O, respectively. The Environmental Protection Agency (EPA) has determined a minimum vacuum of 0.1 inH_2O is required to adequately influence volatilization and extraction of vapors[23]. Based on the ROI test results, Antea Group conservatively estimated an ROI greater than 1.0 inH_2O at approximately 330 feet, sufficient to remediate MTBE impacts near V-14[24].

March 2018 – Waste Oil Investigation. Antea Group advanced seven soil borings around the waste oil tank (SB-23 through SB-29) in response to a GPP directive from January 26, 2018. Concentrations of benzene, ethylbenzene, naphthalene, and poly-aromatic hydrocarbons (PAHs) from this investigation are below the LTCP residential thresholds. Additionally, shallow soil sample results for GRO, DRO, and ORO did not exceed the 2019, Revision 2 Tier 1 San Francisco Bay Regional Water Quality Control Board Environmental Screening Levels (ESLs) of 100 mg/kg, 260 mg/kg, and 1,600 mg/kg, respectively. Additionally, benzene, ethylbenzene, and naphthalene levels in soil collected during the 2015 waste oil investigation (SB-21 and SB-22) meet the residential soil criteria for direct contact and outdoor air exposure in the LTCP[25].

May 2018 – Deep Soil Investigation. Antea Group advanced soil boring SB-30, near V-14 to 110 feet bgs to determine if deeper soil is being remediated near V-14. The investigation detected a maximum of 0.45 mg/kg TBA and 1.2 mg/kg of MTBE in soil between 81 and 91 feet bgs; however, MTBE and TBA in soil above and below those depths were non-detect. Unlike nearby well V-14, no concentrations were detected in the sample collected at 66 feet bgs in SB-30, which may indicate soil is being remediated in this area due to the high radius of influence from onsite wells. To further support this conclusion, soil

[21] Stantec, 2016, *Additional Assessment and Vapor Extraction Pilot Test Report*, August 29.
[22] Antea Group, 2017, *Subsurface Investigation Report*, November 30.
[23] USEPA, 2004, How to Evaluate Alternative Cleanup Technologies for Underground Storage Tank Sites, May 2004.
[24] Antea Group, 2018, *Radius of Influence Vacuum Test Report*, March 1.
[25] Antea Group, 2018, *Waste Oil Area Investigation Report*, July 10.

collected at 86 feet bgs from SB-30 had a lower concentration of MTBE (0.45 mg/kg) than that previously recorded in V-14 (2.4 mg/kg); although, the result for the SB-30 sample is an estimated value[26].

October 2018 – Additional Waste Oil Investigation. Antea Group advanced two soil borings, SB-31 and SB-32, in the area of the former and current waste oil tank in response to a GPP directive issued September 20, 2018. Analytical results for soil collected during investigations in March and November 2018 in the waste oil tank area (SB-23 through SB-29, SB-31, and SB-32) meet the LTCP media-specific criteria for residential direct contact and outdoor air exposure. Analytical results for samples from SB-31 and SB-32 show decreasing Stoddard Solvent concentrations when compared to previously collected soil samples from MW-5. Soil samples from MW-5 at depths from 15.5-30.5 feet bgs had Stoddard Solvent detections ranging from 6,300 mg/kg to 47,000 mg/kg. Soil samples collected from SB-31 and SB-32 at depths from 15 to 35 feet bgs had a maximum Stoddard Solvent concentration of 1,500 mg/kg. Based on soil analytical data, Antea Group proposed that the implementation of a remedial action plan, as discussed in the November 2017 work plan, was unnecessary as the shallow soil near the waste oil tank meets the LTCP direct contact criteria for residential areas. The previously implemented shallow soil vapor extraction and removal of surface material during the soil vapor system installation and expansion appeared to have been effective in remediating the shallow soil near the waste oil tank[27].

March 2019 – Deep Soil and Groundwater Investigation
From February 19 through March 14, 2019 Antea Group oversaw the installation of monitoring wells MW-16D, MW-18D, and MW-19D by Cascade. The December 2018 GPP letter stated that the vertical extent of MTBE in the vicinity of V-14 may not have been properly assessed during the advancement of SB-30, based on the termination depth of 110 feet bgs. Antea Group believes this has been accomplished with the advancement of MW-16D. Antea Group collected four soil samples between 120 feet bgs and the point of termination at 135 feet bgs. The samples did not have reported MTBE concentrations above the LRLs, which varied between 0.0035 mg/kg and 0.0041 mg/kg, or the ESL of 0.028 mg/kg.

Soil collected from MW-16D at 81 feet, 86 feet, and 91 feet bgs had MTBE concentrations of 0.97 mg/kg, 0.71 mg/kg, and 2.7 mg/kg, respectively; however, MTBE in groundwater was not detected above the LRL in that location, suggesting adsorbed impacts are not affecting the shallow regional aquifer. MTBE concentrations in the samples from both 81 feet bgs and 86 feet bgs were similar to those found in SB-30 at the same depths, and less than the concentrations in the soil samples collected from V-14 at the same depths. The MTBE concentration detected in soil from MW-16D at 91 feet bgs was higher than that detected in the sample collected from SB-30 at the same depth. This concentration is also higher than that collected from SB-16 at the same depth in 2016; however, of the five samples with MTBE detections above the ESL in SB-16, four confirmation samples from corresponding depths in MW-16D had lower MTBE concentrations. These analytical results, along with previously obtained ROI data, further support the conclusion that the soil in this area could be influenced by the onsite vapor extraction wells, which was initially presented in the *Deep Soil Investigation Report*, dated September 21, 2018[28]

June -August 2019 Pilot Testing. On July 10, 2019, BP connected V-14 to the SVE system with above ground piping to determine if extraction from V-14 would increase recovery of the residual MTBE mass in the area of MW-16D (SB-16, SB-30 and V-14). The SVE system and vapor extraction well V-12 were

[26] Antea Group, 2018, *Deep Soil Investigation Report*, September 21.
[27] Antea Group, 2018, *Additional Waste Oil Area Investigation Report*, December 12.
[28] Antea Group, 2019, *Deep Soil and Groundwater Investigation Report*, April 30.

modified to enable isolation of and extraction from V-14. The subsequent testing on V-14 resulted in a maximum MTBE mass removal rate of 0.002 lbs/day. Additionally, the rapid depletion and slow recharge of oxygen in the deep zone demonstrated that the deep extraction wells are isolated from the perched zone and air being extracted via the SVE system is from the deep zone only and no short circuiting is occurring.

To confirm the results of the initial testing, BP again connected V-14 to the SVE system on August 6, 7 and 8, 2019, resulting in a maximum MTBE mass removal rate of 0.010 lbs/day. The results of the six days of pilot testing that occurred between July and August 2019 show that connecting V-14 to the existing SVE system will not add a notable increase in MTBE mass removal to what is currently being extracted and appears to even dilute the MTBE concentrations in the soil vapor being extracted from well V-12. Furthermore, optimizing the system to extract from only V-12, the configuration that resulted in the highest mass removal of the four configurations tested, would only remove 0.63 lbs/day of MTBE from the subsurface. Based on the results of the pilot testing, BP does not believe that SVE in any configuration would be effective in further remediating the MTBE present in the vicinity of V-14 and recommended ceasing operation of the SVE system[29]. The GPP concurred with the recommendation to shut down the SVE system in a letter dated November 13, 2019.

[29] Antea Group, 2019, *V-14 Soil Vapor Extraction Pilot Test Report*, September 10.

Appendix B

Agency Correspondence

COUNTY OF SAN MATEO

Heather Forshey, MS, REHS
Director

Environmental Health Services
San Mateo County Health
2000 Alameda de las Pulgas
Suite 100
San Mateo, CA 94403
smchealth.org

November 13, 2019

SMCo Site #220033 / RO23
APN: 002-201-550

Wade Melton
ARCO/BP Remediation Mgmt. Services Company
Operations Project Manager
4 Centerpointe Drive, Ste. 200, LPR 4-222
La Palma, CA 90623
(via wade.melton@bp.com)

SUBJECT: FORMER ARCO SERVICE STATION #465 AT 151 SOUTHGATE AVENUE, DALY CITY, CALIFORNIA

Dear Mr. Melton:

Antea Group uploaded to the State GeoTracker database (GeoTracker) a soil vapor extraction (SVE) system operations and maintenance (O&M) report dated August 14, 2019, and an unsolicited SVE pilot testing report dated September 10, 2019. The following comments are based on San Mateo County Groundwater Protection Program (GPP) staff review of these reports and the project file.

SVE System O&M Report

GPP staff denied electronic data file (EDF) #8554101049 because it listed incorrect field point names (FPNs). Please **immediately** correct this file to complete the associated task.

The report did not discuss how the O&M data demonstrates the system is optimized for site conditions and satisfying the remedial objective(s) as required on page 3 of our June 2019 letter. However, GPP staff will defer this requirement until the Third Quarter SVE system O&M report given SVE pilot testing was performed in July and August 2019.

SVE Pilot Testing Report

GPP staff denied the EDFs for the July and August 2019 pilot testing events because they listed incorrect FPNs. Please **immediately** correct these files to complete the associated task.

It appears the two vacuum columns in Table 2 represent wellhead vacuum when extracting from a single well and system vacuum when simultaneously extracting from multiple wells. If this is correct, then the inches-Hg column does not list the correct values. In addition, some of the field sheets in Appendix C list incorrect measurement units. Please ensure this is corrected or explained if these tables and field notes will be used in future documents.

Section 1.0 of the report states the additional SVE testing was proposed in the Second Quarter 2019 SVE system O&M report. This is incorrect. This testing was performed before the Second Quarter 2019 O&M report was issued.

Section 3.3 attributes the lower flow and higher vacuum response in V-14 to finer-grained soils near V-14. Comparison of the boring logs for V-11 through V-14 does not support this conclusion. Nevertheless, the pilot testing results and those from operation of the SVE system over the past year indicate recovery of MTBE mass from SVE is negligible. Therefore, GPP staff approve the recommendation to shut-down the SVE system. Please note, however, if the registered professional cannot demonstrate the MTBE in deep soils will not impact regional groundwater and nearby well receptors, then the responsible party will need to implement an alternative form of remediation or mitigate the impact if remediation is not possible (perhaps focused SVE on V-12 if that would provide sufficient mitigation).

Please contact me at 650-372-6292 (direct), 650-372-6200 (main), or at dmilano@smcgov.org on Monday through Thursday (excluding holidays) if you have any questions.

Sincerely,



Deno G. Milano, PG
Hazardous Materials Specialist
Groundwater Protection Program

cc: State GeoTracker database
Tom Piccolotti, City Dept. of Water Resources (via tpiccolotti@dalycity.org)
Kelley Capone, SFPUC (via kcapone@sfwater.org)
Ranfie Ancelovici, KIMCO Realty Corporation, 15 Southgate Av., Suite 201, Daly City, CA 94015
Hannah Mishriki, Antea Group (via hannah.mishriki@anteagroup.us)

COUNTY OF SAN MATEO

Heather Forshey, MS, REHS
Director

Environmental Health Services
San Mateo County Health
2000 Alameda de las Pulgas
Suite 100
San Mateo, CA 94403
smchealth.org

January 27, 2020

SMCo Site #220033 / RO23
APN: 002-201-550

Wade Melton
ARCO/BP Remediation Mgmt. Services Company
Operations Project Manager
4 Centerpointe Drive, Ste. 200, LPR 4-222
La Palma, CA 90623
(via wade.melton@bp.com)

SUBJECT: ARCO STATION #465 AT 151 SOUTHGATE AVENUE, DALY CITY, CALIFORNIA

Dear Mr. Melton:

Antea Group uploaded to the State GeoTracker database (GeoTracker) a groundwater monitoring and soil vapor extraction (SVE) system operations and maintenance (O&M) report dated November 15, 2019, that additionally proposed the drilling of two hand auger borings (unsolicited work). The following comments are based on San Mateo County Groundwater Protection Program (GPP) staff review of the report and the project file.

Tables 2 and 3 are difficult to read and Table 3 will not be legible when printed out on 8.5- x 11-inch paper for eventual case closure documentation. Please consider using a larger font on your report tables such as Table 1 in the report dated May 12, 2017, and Table 3 in the report dated May 14, 2019. Please also ensure future versions of Table 3 transfer the August 2019 gauging data from MW-1 to MW-10 (MW-1 was destroyed in 2015).

The electronic data file for the SVE influent/effluent vapor sample collected on August 18, 2019, has not been uploaded to GeoTracker. Please **immediately** upload this file to complete the associated monitoring task (the November 15, 2019, completion deadline remains in-effect).

Low-flow purging is not removing groundwater from the blank portion of the well casing in wells where the depth to groundwater is less than the depth to the top of the screened interval. Therefore, the groundwater samples from these wells may not be representative of formation groundwater opposite the screened interval. Please employ methods to remove groundwater within the blank portion of the well casing before commencing purging across the screened interval. GPP staff could support a traditional 3-well volume purge across the screened interval prior to sampling to reduce the potential of having to change-out the purging equipment after the water within the blank portion of the casing is removed. The registered professional may subsequently request GPP staff to approve a return to low-flow purging and sampling methods if warranted by an evaluation of the sampling results.

The depth to groundwater and water column height listed in Appendix D on the August 2019 groundwater sampling form for MW-19D is problematic. The depth to water reading listed does not match any reading listed on the gauging table; however, it approximates the depth to water reported in MW-19 which suggests MW-19 may have been sampled. However, the pump intake depth suggests MW-19D may have been sampled. Please investigate this anomaly and **immediately** email us your findings.

GPP staff do not object to the drilling of proposed hand auger Borings HA-4 and HA-5 to the proposed depth of 10 feet below grade (fbg). However, it appears additional borings and soil sampling to greater depths than 10 fbg may be necessary near Sample D-2, T-2A, and TP1M, Borings SB-1A, SB-3, and SB-11, and south of V-13 to evaluate the degree that SVE reduced the benzene and MTBE concentration in soil. Therefore, it appears the proposed drilling of HA-4 and HA-5 should be postponed. It also appears HA-5 may be more useful northwest of T-2/T-2A based on the location and soil sampling results from Boring HA-2. Therefore, please upload to GeoTracker by **April 21, 2020**, a work plan detailing a scope of work to accomplish these assessment objectives.

Closing Comments

The elevation datum reference errors in denied GeoZ files #3218069911 and #8774405360 have not been resolved. GPP staff denied GeoZ file #3218069911 as requested in the January 25, 2019, ARCO/BP email so the elevation datum could be corrected from NAVD-1988 to NGVD-1929. However, the file uploaded to correct the issue (GeoZ # 8774405360) modified the elevation values to values that appear to reference the NAVD-1988 datum. Elevations should be referenced to the NGVD-1929 datum because that datum was used for the previous surveys. Please **immediately** upload a correct GeoZ file referenced to the NGVD-1929 datum.

The most recent table of historical sampling results (Table 3 in the December 2018 report) has a series of entries labeled MW-4/V-9 but site figures indicate MW-4 and V-9 are distinct field points approximately 25 feet apart and the table also lists soil sampling results for V-9. In addition, the table appears to repeat the soil sampling results from Boring CSB-6 in the where the results from V-5 are listed. Please **immediately** upload to GeoTracker a correct version of this table unless the registered professional can justify the apparent discrepancy. Please also ensure this table includes the results from MW-16D, MW-18D, and MW-19D and any other recent borings.

The monitoring report proposed additional assessment but was not coded in GeoTracker as a work plan. Please ensure future documents proposing additional assessment are coded as work plans so GPP staff can track and respond to them within 60 days of upload to GeoTracker.

Please contact me at 650-372-6292 (direct), 650-372-6200 (main), or at dmilano@smcgov.org on Monday through Thursday (excluding holidays) if you have any questions.

Sincerely,



Deno G. Milano, PG
Hazardous Materials Specialist
Groundwater Protection Program

cc: State GeoTracker database
Tom Piccolotti, City Dept. of Water Resources (via tpiccolotti@dalycity.org)
Kelley Capone, SFPUC (via kcapone@sfwater.org)
Ranfie Ancelovici, KIMCO Realty Corporation, 15 Southgate Av., Suite 201, Daly City, CA 94015
Hannah Mishriki, Antea Group (via hannah.mishriki@anteagroup.us)

Remediation Management Services Company

4 Centerpointe Drive, Suite 200
La Palma, CA 90623
Room LPR 4-222
Office: (360) 594-7978
Mobile: (360) 594-7978
Wade.Melton@bp.com

February 10, 2020

Mr. Deno Milano
San Mateo County Groundwater Protection Program
2000 Alameda de las Pulgas, Suite 100
San Mateo, California 94403

Subject: ARCO Service Station #465 at 151 Southgate Avenue, Daly City, California

Dear Mr. Milano,

BP Products North America, Inc. (BP) and Antea®Group have reviewed the San Mateo County Groundwater Protection Program (GPP) letter dated January 27, 2020, and have the following comments:

Tables 2 and 3 are difficult to read and Table 3 will not be legible when printed out on 8.5- x 11-inch paper for eventual case closure documentation. Please consider using a larger font on your report tables such as Table 1 in the report dated May 12, 2017, and Table 3 in the report dated May 14, 2019. Please also ensure future versions of Table 3 transfer the August 2019 gauging data from MW-1 to MW-10 (MW-1 was destroyed in 2015).

Response:
In previous correspondence, the GPP has commented on the length of data tables when formatted to be legible when printed on 8.5- x 11-inch paper. BP and Antea Group have been working on modifying the tables so that they are both legible on 8.5- x 11-inch paper while remaining an acceptable length. Future tables will be formatted in a similar manner as Table 1 in the report dated May 12, 2017, and Table 3 in the report dated May 14, 2019. The August 2019 gauging data for MW-10 has been corrected in Table 3 for use in future reports.

The electronic data file for the SVE influent/effluent vapor sample collected on August 18, 2019 has not been uploaded to GeoTracker. Please immediately upload this file to complete the associated monitoring task (the November 15, 2019, completion deadline remains in-effect).

Response:
After performing SVE pilot testing on V-14 from July 9 through 11, 2019, and August 6 through 8, 2019, the SVE system was temporarily shut down to allow for further testing, if necessary. Normal system operation resumed on September 10, 2019, as stated in Section 3.1.2 of the *Third Quarter 2019 Semi-Annual Groundwater Monitoring Report*. No compliance samples were collected in August as the system was off and O&M was not performed.

Low-flow purging is not removing groundwater from the blank portion of the well casing in wells where the depth to groundwater is less than the depth to the top of the screened interval. Therefore, the groundwater samples from these wells may not be representative of formation groundwater opposite the screened interval. Please employ methods to remove groundwater within the blank portion of the well casing before commencing purging across the screened interval. GPP staff could support a traditional 3-well volume purge across the screened interval prior to sampling to reduce the potential of having to change-out the purging

equipment after the water within the blank portion of the casing is removed. The registered professional may subsequently request GPP staff to approve a return to low-flow purging and sampling methods if warranted by an evaluation of the sampling results.

Response:
Antea Group performed the First Quarter 2020 groundwater monitoring event from January 20 through 24. An attempt was made to remove groundwater from the blank portion of the casing in wells where the screen was submerged, as directed in the GPP letter dated June 5, 2019, by using a dedicated bailer. The stagnant water was successfully removed from the blank casing in several wells; however, high recharge rates in two locations prevented the removal of all groundwater from the blank portion of the casing in several other wells. After an attempt was made to remove the water above the screen, staff purged the wells with a bladder pump and waited for parameters to stabilize prior to sampling. BP and Antea Group recognize that this cannot be considered true low-flow purging and will note this in the *First Quarter 2020 Semi-Annual Groundwater Monitoring Report*. The removal of 3-well volumes of groundwater for some wells with submerged screens may not be practical using a dedicated bailer as 3-well volumes equates to more than 70 gallons of water in some locations. BP and Antea Group recommend using an electric submersible pump to remove 3-well volumes from the two wells where staff were unable to draw the water table down to below the top of the well screen during the January groundwater monitoring event. After removal of 3-well volumes, a dedicated bailer will be used to sample each well. If the GPP deems it necessary to resample these wells in First Quarter 2020, Antea Group will do so. If not, we will utilize this approach during the next scheduled monitoring event.

The depth to groundwater and water column height listed in Appendix D on the August 2019 groundwater sampling form for MW-19D is problematic. The depth to water reading listed does not match any reading listed on the gauging table; however, it approximates the depth to water reported in MW-19 which suggests MW-19 may have been sampled. However, the pump intake depth suggests MW-19D may have been sampled. Please investigate this anomaly and immediately email us your findings.

Response:
A discussion with the field staff who sampled "MW-19D" in August 2019 has confirmed that MW-19 was mistakenly sampled instead. The data in the table from this event will be moved from MW-19D to MW-19 to reflect this. Each well has dedicated tubing that remains in the well for multiple sampling events. The necessary tubing length is determined the first time a well is sampled and cut appropriately. In the future, field staff will be required to remove the dedicated tubing from the well and measure the length, prior to sampling, in order to confirm the information is correct.

GPP staff do not object to the drilling of proposed hand auger Borings HA-4 and HA-5 to the proposed depth of 10 feet below grade (fbg). However, it appears additional borings and soil sampling to greater depths than 10 fbg may be necessary near Sample D-2, T-2A, and TP1M, Borings SB-1A, SB-3, and SB-11, and south of V-13 to evaluate the degree that SVE reduced the benzene and MTBE concentration in soil. Therefore, it appears the proposed drilling of HA-4 and HA-5 should be postponed. It also appears HA-5 may be more useful northwest of T-2/T-2A based on the location and soil sample results from Boring HA-2. Therefore, please upload to GeoTracker by April 21, 2020, a work plan detailing a scope of work to accomplish these assessment objectives.

Response:
Per an email from the GPP dated January 30, 2020, Antea Group will move forward with advancing proposed hand auger borings HA-4 and HA-5 to a depth of 10 fbg; however, the proposed location of HA-4 has been relocated to the northwest of T-2/T-2A, rather than relocating HA-5. A site walk and private utility locate has indicated that the initially proposed location of HA-4 is inaccessible as the tanks extend farther west than originally anticipated. BP and Antea Group will evaluate next steps upon receiving the analytical data from the shallow hand auger assessment.

The elevation datum reference errors in denied GeoZ files #3218069911 and #8774405360 have not been resolved. GPP staff denied GeoZ file #3218069911 as requested in the January 25, 2019, ARCO/BP email so the elevation datum could be corrected from NAVD-1988 to NGVD-1929. However, the file uploaded to correct the issues (GeoZ #8774405360) modified the elevation values to values that appear to reference the

NAVD-1988 datum. Elevations should be referenced to the NGVD-1929 datum because the datum was used for the previous surveys. Please immediately upload a correct GeoZ file referenced to the NGVD-1929 datum.

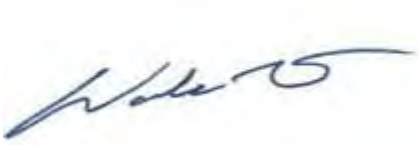
Response:
The elevations submitted for GeoZ file #8774405360 are correct for the NGVD-1929 datum; however, the survey company updated the elevations in the file and did not update the reference in the table, despite the correct reference being used. This has been corrected and a GeoZ file has been uploaded to GeoTracker.

The most recent table of historical sampling results (Table 3 in the December 2018 report) has a series of entries labeled MW-4/V-9 but site figures indicate MW-4 and V-9 are distinct field points approximately 25 feet apart and the table also lists soil sampling results for V-9. In addition, the table appears to repeat the soil sampling results from Boring CSB-6 in the where the results from V-5 are listed. Please immediately upload to GeoTracker a correct version of this table unless the registered professional can justify the apparent discrepancy. Please also ensure this table includes the results from MW-16D, MW-18D, and MW-19D and any other recent borings.

The historical sampling results for MW-4 have been corrected and a corrected version of the table has been uploaded to GeoTracker. In addition, Table 3A submitted with the *Deep Soil and Groundwater Investigation Report* dated April 30, 2019, corrected the data for V-5 and noted that the samples taken at CSB-6 from January 1998 were duplicated as results from V-5 in previous versions of the table, as this was previously mentioned in the GPP letter dated December 18, 2018.

If you have any questions regarding this report or need any additional information about this Site, please contact Mr. Wade Melton at (360) 594-7978.

Sincerely yours,



Wade Melton
Operations Project Manager
Remediation Management Services Company
An affiliate of Atlantic Richfield Company

Appendix C

Antea Group Groundwater Sampling Standard Operating Procedures

Groundwater Sampling Using Low-Flow Techniques SOP

1.0 Scope/Applicability:

This standard operating procedure (SOP) provides guidance for sampling groundwater using low-flow techniques. Low-flow methods are typically used in conjunction with micropurging (see **Micro Purging a Monitoring Well SOP**).

Most contaminated site investigations utilize some form of a groundwater sampling or monitoring program to fully characterize the nature and extent of groundwater contamination. In order to obtain a representative groundwater sample for chemical analysis, it is important to first remove stagnant water in the well before collecting a sample. This may be achieved using a variety of instruments including pumps and bailers. Once purging is completed and the correct laboratory-cleaned sample containers have been prepared, sampling may proceed. Sampling may be conducted with a variety of devices and need not be the same as the device used for purging. During sampling, a field data sheet shall be completed, a Chain-of-Custody form prepared, and all pertinent data recorded in the site logbook.

This procedure is applicable to monitoring wells which are scheduled for sampling at sites where regulatory and/or client requirements call for sampling groundwater from wells with low-flow techniques.

2.0 Summary:

This procedure entails collecting a groundwater sample from a well using a low-flow (e.g., peristaltic) pump. The sampling equipment must be thoroughly decontaminated prior to sampling in order to prevent cross-contamination of wells. The number and types of sample containers to be filled is based upon the types of analyses to be performed on the sample. For certain types of analyses, samples may need to be filtered in the field prior to being transferred into sample containers. Sample containers are labeled, stored, packaged, and shipped according to pre-defined protocols that are intended to preserve sample integrity from the time the sample is collected until it is received by the analytical laboratory.

3.0 Definitions:

A list of definitions is provided in Attachment 1 (SOP Definitions).

4.0 Health and Safety:

The Health and Safety considerations for conducting this procedure are described in the following documents:

- Site Health and Safety Plan – H&S Plan Templates (https://anteaintra.anteausainc.com/h&s/plans.htm)

- Job Safety Analysis – Well Development and Groundwater Sampling (https://anteaintra.anteausainc.com/h&s/files/jsa/Well_development-GW_sampling_JSA.doc)

Specific health and safety considerations for this procedure include:

- Health and safety considerations associated with this procedure are addressed during the Job Safety Analysis.

5.0 Cautions and Interferences:

Cautions associated with conducting this procedure include:

- Before sampling, monitoring wells shall be allowed to stabilize for a minimum period of 24 hours after development.
- Analysis can be compromised by field personnel in two primary ways: 1) taking an unrepresentative sample, or 2) by incorrect handling of the sample.
- There are numerous ways of introducing foreign contaminants into a sample, and these must be avoided by following strict sampling procedures and utilizing trained field personnel.
- As a general rule, all monitoring wells should be pumped (preferred) or bailed prior to sampling.
- Ideally, sampling equipment should be completely inert, economical to manufacture, easily cleaned, sterilized, reusable, and able to operate at remote sites in the absence of power sources.
- Materials of construction for samplers and evacuation equipment (bladders, pump, bailers, tubing, etc.) should be limited to stainless steel, Teflon, and glass in areas where concentrations are expected to be at or near the detection limit. The tendency of organics to leach into and out of many materials make the selection of materials critical for trace analyses. The use of plastics, such as PVC or polyethylene, should be avoided when analyzing for organics. However, PVC may be used for evacuation equipment as it will not come in contact with the sample, and in highly contaminated wells, disposable equipment (i.e., polypropylene bailers) may be appropriate to avoid cross-contamination.
- Wells should be sampled as soon as possible after purging (certainly no more than 24 hours) and should be sampled in order from least contaminated to most contaminated or from upgradient to downgradient if chemistry is unknown.
- Water levels shall be allowed to recover to 90% of the static water level before sampling.
- All non-dedicated equipment shall be decontaminated in accordance with **Decontamination SOP** prior to use or upon completion of the sampling activities.

Interferences having the potential to impact the quality of the final product include:

- Stagnant water (e.g., the well water above the screened section in confined wells or unconfined wells with submerged screens) may contain foreign material inadvertently or deliberately introduced from the surface resulting in an unrepresentative sample.
- A non-representative sample can also result from excessive pre-pumping of the monitoring well. Stratification of the leachate concentration in the groundwater formation may occur, or heavier-than-water compounds may sink to the lower portions of the

aquifer. Excessive pumping can dilute or increase the contaminant concentrations from what is representative of the sampling point of interest.

6.0 Personnel Qualifications/Responsibilities:

Personnel performing this procedure are required to have the following qualifications:

- HSSE Training in accordance with Health, Safety, Security, and Environment Practice (https://anteaintra.anteausainc.com/h&s/practices/hsse/HSSE_Practice_Training.pdf).
- Health and Safety training in accordance with Client Required Training (if applicable) (https://anteaintra.anteausainc.com/h&s/training_client_req.htm).
- All field team members engaged in this procedure must have on file a completed Demonstration of Capability for this SOP.

The minimum roles involved and their responsibilities in this procedure include:

- **Project Manager** – Responsible for determining, communicating, and upholding the regulatory, client, and other requirements associated with performing this procedure as part of a project-specific scope of work.
- **Project Professional** – Responsible for creating project-specific scopes of work requiring this procedure in accordance with the identified requirements of this procedure.
- **Staff Professional** – Responsible for implementing project-specific scopes of work requiring this procedure in accordance with this procedure.

7.0 Equipment/Supplies:

The following is the typical list of equipment required for completing this procedure:

- Field Safety Equipment Bag - https://anteaintra.anteausainc.com/h&s/faq_field_bag.htm
- Traffic control devices, as defined in Site Control and Work Zones training - https://anteagroup.adobeconnect.com/sitecontrolworkzones/
- Field logbook and appropriate field form(s)
- Waterproof permanent pens and markers
- Mobile phone - with clock and camera feature
- Spare locks - for buildings, compounds, and well covers (if appropriate)
- Keys - to access existing on-site locks (if appropriate)
- Decontamination supplies/equipment (if appropriate)

Procedure-specific equipment/supplies include:

- Sample containers and labels
- Chain-of-Custody forms/Custody seals
- Knife or scissors
- 5-gallon buckets
- Plastic sheeting
- Shipping containers
- Packing materials
- Ziploc-type plastic bags
- Field parameter instruments (multiparameter, turbidimeter, DO meter)
- Calibration standards

- Generator, if using pump
- Gasoline for generator/air compressor
- Air compressor for bladder pumps
- Pump (peristaltic or bladder)
- Control box
- Discharge tubing for pump
- Appropriate pump fittings (e.g., hose clamps, barbed fittings, etc.)

8.0 Procedure:

1. Prepare for sampling using: **Fieldwork Documentation SOP**, **VOC Sample Collection SOP**, **Sample Packaging and Shipping SOP**, and **QA/QC Sample Collection SOP**, and Groundwater Sampling Form – Low Flow (Attachment 2).
2. Water level and liquid levels measurement shall be taken in accordance with **Water and Liquid Level Measurement SOP**.
3. Measurement of field parameters shall be done in accordance with **Measurement of Monitoring Well Field Parameters SOP**.
4. Purge the well in accordance with **Micro Purging a Monitoring Well SOP**.
5. Allow well to recharge after purging to 90% of the static water level. Variances from this requirement (e.g., for wells in low water yielding deposits) shall be approved by the Project Manager prior to implementation.
6. Disconnect flow-through cells.
7. Assemble and label appropriate sample containers.
8. Set the pump height so that the intake is near the center of the screened interval.
9. Adjust the flow rate of the pump to minimize aeration and bubble formation. A flow rate of <0.5 L/min is typically appropriate. The pump discharge should produce a thin, continuous stream of water when filling the sample container.
10. Remove the cap from the sample container and place it on the plastic sheet or in a location where it won't become contaminated or disturbed.
11. Begin using the pump to fill the appropriate container. Samples shall be collected in the following order:
    - Volatile organic compounds (VOCs)
    - Semi-volatile organic compounds (SVOCs) and polyaromatic hydrocarbons (PAHs)
    - Inorganic constituents (metals)
    - Mercury
    - Cyanide
    - Total organic carbon (TOC)
    - Total organic halogen (TOX)
    - Samples requiring field filtration
    - Samples for field parameter measurement
    - Samples for nutrient anion determinations
12. Filter and preserve samples as required by the sampling plan.
13. Tightly cap the pre-labeled sample container and place it in a pre-chilled cooler.
14. Replace the well cap.

15. Label all samples and log all samples on the Groundwater Sampling Form – Low Flow (Attachment 2) in accordance with **Fieldwork Documentation SOP**. Complete a Chain-of-Custody record in accordance with **Completing Chain of Custody SOP**.
16. Package samples and complete necessary paperwork in accordance with **Sample Packaging and Shipping SOP**.
17. Transport samples to decontamination zone in preparation for transport to analytical laboratory or to express shipping location.

8.1 Site-Specific Deviations

- Upon the event of a submerged screen interval, attempts should be made to:
  - Remove groundwater within the blank portion of the well prior to purging in the screened interval; or
  - Remove three casing volumes prior to sampling.
- Stagnant water should be removed in the blank casing.
  - However, high recharge rates may prevent the removal of all groundwater from the blank portion of the casing. If this occurs, sampling will occur within the screened interval after parameters have stabilized.

9.0 Data and Records Management:

Before finalizing fieldwork documentation:

- Recheck all data inputs to prevent errors.
- If data were generated from multiple/different sample locations (borings, wells, etc.) at the same site, use appropriate file naming conventions to distinguish one file from another.
- Ensure that any repair work needed, issues to be resolved, and/or any uncompleted fieldwork are noted in the fieldwork documentation.

Upon completion of fieldwork, field personnel shall file fieldwork documentation, any electronic field files, the Site Health and Safety Plan, and any associated health and safety forms to the correct project folder, in accordance with **Control of Records SOP**.

10.0 Quality Control:

- All data, observations, calculations must be documented in the field logbook, field forms, and/or any electronic data recording devices (field computers, digital cameras, etc.).
- Adequate traceability must be ensured between any field notes and complementary field forms.
- Any electronic data recording devices must be operated in accordance with manufacturer's operating instructions, unless documented otherwise.
- Monitoring and Measuring Equipment must be calibrated prior to the event and calibration results documented in accordance with **Equipment Calibration and Maintenance SOP**.

11.0 References:

- Superfund Program Standard Operating Procedures

- Micro Purging a Monitoring Well SOP
- SOP Definitions (Attachment 1)
- Decontamination SOP
- Fieldwork Documentation SOP
- VOC Sample Collection SOP
- Sample Packaging and Shipping SOP
- QA/QC Sample Collection SOP
- Groundwater Sampling Form – Low Flow (Attachment 2)
- Water and Liquid Level Measurement SOP
- Measurement of Monitoring Well Field Parameters SOP

Micro Purging a Monitoring Well SOP

1.0 Scope/Applicability:

This standard operating procedure (SOP) provides guidance for micro purging monitoring wells. Micro purging is an approach to purging based on the observation that groundwater flows through the well screen in most formations with sufficient velocity to maintain an exchange with formation water surrounding the well screen. By placing a pump within the screen interval and pumping at a low-flow rate which does not induce significant drawdown of the water column, a representative sample of formation groundwater can be collected with minimal withdrawal of stagnant water. Ideally micro purging should be conducted in wells in which dedicated pumps have been installed. It is possible to use non-dedicated pumps if a sufficient amount of time is allowed for the water level to equilibrate following insertion of the pump.

This procedure is applicable to monitoring wells which are scheduled for sampling and where regulatory and/or client requirements require micro purging of wells prior to sampling.

2.0 Summary:

This procedure entails removing a pre-determined volume of water from a well using a pump (submersible, pneumatic, peristaltic, or bladder) at low-flow rates so that drawdown of the water column is not induced. During micro purging, field parameters may be measured as an indicator of formation water having entered the well. The well is considered adequately purged for sampling when the purge volume has been achieved and the well parameters have stabilized.

3.0 Definitions:

A list of definitions is provided in Attachment 1 (SOP Definitions).

4.0 Health and Safety:

The Health and Safety considerations for conducting this procedure are described in the following documents:

- Site Health and Safety Plan – H&S Plan Templates (https://anteaintra.anteausainc.com/h&s/plans.htm)
- Job Safety Analysis – Well Development and Groundwater Sampling (https://anteaintra.anteausainc.com/h&s/files/jsa/Well_development-GW_sampling_JSA.doc)

Specific health and safety considerations for this procedure include:

- Health and safety considerations associated with this procedure are addressed during the Job Safety Analysis.

5.0 Cautions and Interferences:

Cautions associated with conducting this procedure include:

- Analysis can be compromised by field personnel in two primary ways: (1) taking an unrepresentative sample, or (2) by incorrect handling of the sample.
- There are numerous ways of introducing foreign contaminants into a sample, and these must be avoided by following strict sampling procedures and utilizing trained field personnel.
- Stagnant water (e.g., the well water above the screened section in confined wells or unconfined wells with submerged screens) may contain foreign material inadvertently or deliberately introduced from the surface resulting in an unrepresentative sample.
- A non-representative sample can also result from excessive pre-pumping of the monitoring well. Stratification of the leachate concentration in the groundwater formation may occur, or heavier-than-water compounds may sink to the lower portions of the aquifer. Excessive pumping can dilute or increase the contaminant concentrations from what is representative of the sampling point of interest.
- Water level measurements should be taken prior to beginning the purging activities.
- As a general rule, all monitoring wells should be purged using a pump prior to sampling. Purging should continue until selected field parameters have stabilized, as evidenced by field probe readings.
- Regardless of the brand of field probe used, all meters should be properly maintained, calibrated, and operated in accordance with the manufacturer's instructions and with the **Equipment Calibration and Maintenance SOP**.
- pH calibration standards include acidic and basic liquids and therefore should be handled with care.
- Purge water should be containerized on site or handled as specified in the site-specific Work Plan.
- Materials of construction for samplers and evacuation equipment (bladders, pump, bailers, tubing, etc.) should be limited to stainless steel, Teflon, and glass in areas where concentrations are expected to be at or near the detection limit. The tendency of organics to leach into and out of many materials make the selection of materials critical for trace analyses. The use of plastics, such as PVC or polyethylene, should be avoided when analyzing for organics. However, PVC may be used for evacuation equipment as it will not come in contact with the sample, and in highly contaminated wells, disposable equipment (i.e., polypropylene bailers) may be appropriate to avoid cross-contamination.

Interferences having the potential to impact the quality of the final product include:

- Samples are intended to be representative of aquifer formation water, which is not in direct contact with the atmosphere. The potential for atmospheric exposure of the sample during collection should therefore be minimized, as exposure to aerobic conditions can have a significant effect on dissolved oxygen, ORP, and other aquifer parameters being measured. Use of a flow-through cell equipped with inlet, outlet, and probe insertion ports is essential to monitor aquifer parameters prior to sample collection.
- Water sample turbidity or chemical composition may impact the ability to measure certain field parameters.

6.0 Personnel Qualifications/Responsibilities:

Personnel performing this procedure are required to have the following qualifications:

- HSSE Training in accordance with Health, Safety, Security, and Environment Practice (https://anteaintra.anteausainc.com/h&s/practices/hsse/HSSE_Practice_Training.pdf).
- Health and Safety training in accordance with Client Required Training (if applicable) (https://anteaintra.anteausainc.com/h&s/training_client_req.htm).
- All field team members engaged in this procedure must have on file a completed Demonstration of Capability for this SOP.

The minimum roles involved and their responsibilities in this procedure include:

- **Project Manager** – Responsible for determining, communicating, and upholding the regulatory, client, and other requirements associated with performing this procedure as part of a project-specific scope of work.
- **Project Professional** – Responsible for creating project-specific scopes of work requiring this procedure in accordance with the identified requirements of this procedure.
- **Staff Professional** – Responsible for implementing project-specific scopes of work requiring this procedure in accordance with this procedure.

7.0 Equipment/Supplies:

The following is the typical list of equipment required for completing this procedure:

- Field Safety Equipment Bag - https://anteaintra.anteausainc.com/h&s/faq_field_bag.htm
- Traffic control devices, as defined in Site Control and Work Zones training - https://anteagroup.adobeconnect.com/sitecontrolworkzones/
- Field logbook and appropriate field form(s)
- Waterproof permanent pens and markers
- Mobile phone - with clock and camera feature
- Spare locks - for buildings, compounds, and well covers (if appropriate)
- Keys - to access existing on-site locks (if appropriate)
- Decontamination supplies/equipment (if appropriate)

Procedure-specific equipment/supplies include:

- As-built diagram(s) of monitoring well(s)
- Calculator
- 5-gallon buckets
- Plastic sheeting
- Generator, if using pump
- Gasoline for generator/air compressor
- Air compressor for bladder pumps
- Pump
- Control box
- Discharge tubing for pump
- Appropriate pump fittings (e.g., hose clamps, barbed fittings, etc.)
- Drums
- Marking pen for labeling drums
- Wrench for opening/sealing drums
- Probe for collecting aquifer field measurements

- Flow-through cell with inlet/outlet hose fittings and probe insertion inlet
- Sample collection bottles
- Cooler(s) packed with ice
- Product-water interface probe

8.0 Procedure:

The procedure for purging a well with a pump is as follows:

1. Collect water level measurements as described in **Water and Liquid Level Measurement SOP**.
2. All non-dedicated equipment shall be decontaminated in accordance with **Decontamination SOP** prior to sampling activities.
3. Assemble pump, hoses and safety cable, and, if using a non-dedicated pump, lower the pump into the well. The pump should be set at the midpoint of the screened interval if the aquifer is under confined conditions (depth to water is above the screen), and below the air/water interface if the aquifer is under unconfined conditions (water table straddles screen).
4. If using a non-dedicated pump, allow sufficient time for the water level to equilibrate to obtain a representative sample.
5. Make connections between the pump and control box if using an air-lift or bladder pump.
6. Use a ground fault interrupter (GFCI) or ground the generator to avoid possible electric shock.
7. Attach pump effluent line to inlet port of flow-through cell. Attach additional tubing between cell outlet port and discharge bucket.
8. Calibrate probe and insert probe into flow-through cell inlet.
9. Attach power supply and begin micro purging the well. A well should be purged at or below its recovery rate, ideally less than 0.2 to 0.3 L/min. Never purge at rates exceeding 0.5 L/min.
10. Monitor the drawdown in the well. If the drawdown exceeds 0.3 ft, then reduce the pumping rate to ensure that drawdown does not exceed 0.3 ft.
11. Purge water should be pumped into a container and disposed of as specified in the site-specific Work Plan and **Waste Management SOP**. Variances to this purge water management procedure (e.g., purge water disposal on ground surface, or treatment in mobile on-site treatment system) shall be approved by the Project Manager prior to implementation.
12. Measure field parameters, including dissolved oxygen (DO), ORP, pH, temperature, and conductivity.
13. Repeat the measurements at a regular interval (i.e., every minute). Record the values in the field logbook in accordance with **Fieldwork Documentation SOP**. Continue purging for pH, conductivity and DO until the measured parameters stabilize for three (3) successive readings. Stabilization is defined as ±0.1 pH units, ±3% of previous reading for conductivity, and ±10% of previous reading for DO.
14. If field parameters have not stabilized after 3 successive readings, continue taking measurements at 5 minute intervals up to a maximum of 5 successive readings. If, after 5 successive readings, the parameters have not stabilized, an entry shall be made in the field logbook indicating that sampling will be conducted without stabilized parameters.

9.0 Data and Records Management:

Before finalizing fieldwork documentation:

- Recheck all data inputs to prevent errors.
- If data were generated from multiple/different sample locations (borings, wells, etc.) at the same site, use appropriate file naming conventions to distinguish one file from another.
- Ensure that any repair work needed, issues to be resolved, and/or any uncompleted fieldwork are noted in the fieldwork documentation.

Upon completion of fieldwork, field personnel shall file fieldwork documentation, any electronic field files, the Site Health and Safety Plan, and any associated health and safety forms to the correct project folder, in accordance with **Control of Records SOP**.

10.0 Quality Control:

- All data, observations, calculations must be documented in the field logbook, field forms, and/or any electronic data recording devices (field computers, digital cameras, etc.).
- Adequate traceability must be ensured between any field notes and complementary field forms.
- Any electronic data recording devices must be operated in accordance with manufacturer's operating instructions, unless documented otherwise.
- Monitoring and Measuring Equipment must be calibrated prior to the event and calibration results documented in accordance with **Equipment Calibration and Maintenance SOP**.

11.0 References:

- Superfund Program Standard Operating Procedures
- SOP Definitions (Attachment 1)
- Water and Liquid Level Measurement SOP
- Decontamination SOP
- Waste Management SOP
- Fieldwork Documentation SOP
- Control of Records SOP
- Equipment Calibration and Maintenance SOP
- Barcelona & Puls, *Low Flow Ground Water Sampling Proceedures*, 1996 (EPA/540/S-95/504)

Water and Liquid Level Measurement SOP

1.0 Scope/Applicability:

This standard operating procedure (SOP) provides guidance for measuring water and non-aqueous phase liquid (NAPL) levels in a well. An accurate water level measurement is necessary for calculating purge volumes for sampling and for creating water level surface contour maps. Non-aqueous phase liquid level measurements are required for planning, designing, conducting, and monitoring interim and final corrective action measures.

This procedure is applicable to wells that contain water and/or non-aqueous phase liquids.

2.0 Summary:

This procedure entails opening designated wells and gauging the depth to product and depth to water in the well with electronic meters.

3.0 Definitions:

A list of definitions is provided in Attachment 1 (SOP Definitions).

4.0 Health and Safety:

The Health and Safety considerations for conducting this procedure are described in the following documents:

- Site Health and Safety Plan – H&S Plan Templates (https://anteaintra.anteausainc.com/h&s/plans.htm)
- Job Safety Analysis – Well Development and Groundwater Sampling (https://anteaintra.anteausainc.com/h&s/files/jsa/Well_development-GW_sampling_JSA.doc)

Specific health and safety considerations for this procedure include:

- Health and safety considerations associated with this procedure are addressed during the Job Safety Analysis.

5.0 Cautions and Interferences:

Cautions associated with conducting this procedure include:

- Water levels in wells should be measured from the least contaminated to the most contaminated well, or from the most hydraulically upgradient to the most hydraulically downgradient well if site groundwater chemistry is unknown.

Interferences having the potential to impact the quality of the final product include:

- Viscous, weathered non-aqueous phase liquid can adhere to (cloud) the sensor on the product-water interface probe and make it difficult to verify depth to NAPL by alternate raising and lowering of the probe across the depth at which the tone sounds.
- Tightly capped wells in which surrounding formation water level is above the top of well screen may experience a water level rise following removal of the well cap, due to subsequent pressure equilibration inside the well. In this case, adequate time should be allowed before making the final water level measurement.

6.0 Personnel Qualifications/Responsibilities:

Personnel performing this procedure are required to have the following qualifications:

- HSSE Training in accordance with Health, Safety, Security, and Environment Practice (https://anteaintra.anteausainc.com/h&s/practices/hsse/HSSE_Practice_Training.pdf).
- Health and Safety training in accordance with Client Required Training (if applicable) (https://anteaintra.anteausainc.com/h&s/training_client_req.htm).
- All field team members engaged in this procedure must have on file a completed Demonstration of Capability for this SOP.

The minimum roles involved and their responsibilities in this procedure include:

- **Project Manager** – Responsible for determining, communicating, and upholding the regulatory, client, and other requirements associated with performing this procedure as part of a project-specific scope of work.
- **Project Professional** – Responsible for creating project-specific scopes of work requiring this procedure in accordance with the identified requirements of this procedure.
- **Staff Professional** – Responsible for implementing project-specific scopes of work requiring this procedure in accordance with this procedure.

7.0 Equipment/Supplies:

The following is the typical list of equipment required for completing this procedure:

- Field Safety Equipment Bag - https://anteaintra.anteausainc.com/h&s/faq_field_bag.htm
- Traffic control devices, as defined in Site Control and Work Zones training - https://anteagroup.adobeconnect.com/sitecontrolworkzones/
- Field logbook and appropriate field form(s)
- Waterproof permanent pens and markers
- Mobile phone - with clock and camera feature
- Spare locks - for buildings, compounds, and well covers (if appropriate)
- Keys - to access existing on-site locks (if appropriate)
- Decontamination supplies/equipment (if appropriate)

Procedure-specific equipment/supplies include:

- Water level indicator
- Product-water interface probe
- Gasoline and water marking paste
- Metal tape measure
- Photo or Flame Ionization Detector

- Calculator
- Plastic sheeting
- Bolt cutters
- Cotton string
- Clear bailers
- Nylon rope
- Weights

8.0 Procedure:

Water Level Measurement

1. Start at the least contaminated well, if known, or if unknown, at the most hydraulically upgradient well.
2. Inspect the well for signs of tampering or other damage. If tampering is suspected or damage observed (i.e., casing is damaged, lock or cap is missing), then this shall be recorded in the field logbook and on the Water and Liquid Level Measurement Form (Attachment 2), and reported to the Project Manager. Wells that are suspected to have been tampered with shall not be sampled until further guidance from the Project Manager.
3. Lay plastic sheeting around the well to minimize the likelihood of contamination of equipment from soil adjacent to the well.
4. Remove the locking well cap, note location, time of day, and date in field notebook or appropriate log form.
5. Remove the well casing cap.
6. For confined aquifers, wait for water level to equilibrate before measuring water level.
7. Turn on the water level meter.
8. Press the battery check button (if so equipped). A solid tone will be heard if the battery is good.
9. Lower water the level measuring device or equivalent (i.e., permanently installed transducers or airline) into the well, slowly unreeling the measuring tape from the spool of the meter.
10. Continue lowering the probe until a continuous tone is heard. This tone indicates that the probe has come in contact with water.
11. Holding the measuring tape near the measuring reference point, alternately raise and lower the probe across the depth at which the tone sounds. This will ensure that you have an accurate measurement of the depth to water. Record the distance from water surface to the referenced measuring point on well casing in site logbook. Alternatively, if there is no reference point, note that water level measurement is from top of steel casing, top of PVC riser pipe, from ground surface, or some other position on the wellhead, typically on the north edge. Water level measurement shall be recorded to the nearest 0.01 foot.
12. Measure total depth of well (at least twice to confirm measurement) and record on the Water and Liquid Level Measurement Form (Attachment 2). Total depth measurements shall be recorded to the nearest 0.01 foot.
13. If excessive sediment buildup is suspected at the bottom of the well, the measured total depth should be compared with the total depth at the time of drilling (from the boring log). If the sediment thickness exceeds one foot, or is excessively impeding the flow of

groundwater through the well screen, the well shall be redeveloped in accordance with **Monitoring Well Development SOP**.

14. Decontaminate water level probe in accordance with **Decontamination SOP**.

Non-Aqueous Phase Liquid (LNAPL or DNAPL) Level Measurement

Organic liquids may occur in the subsurface of sites as light non-aqueous phase liquids (LNAPL) or dense non-aqueous phase liquids (DNAPL). Where possible, non-aqueous phase liquid levels in wells should be measured using a product-water interface probe. If wells are known or suspected to contain non-aqueous phase liquids, they should be measured last relative to all wells at a site in order to minimize the likelihood of cross contamination of wells by the interface probe. Non-aqueous phase liquid presence and level shall be measured using the following procedure:

1. Start at the least contaminated well or well with smallest non-aqueous phase liquid thickness, if known, or if unknown, at the most hydraulically upgradient well.
2. Inspect the well for signs of tampering or other damage. If tampering is suspected or damage observed (i.e., casing is damaged, lock or cap is missing), then this shall be recorded in the field logbook and on the Water and Liquid Level Measurement Form (Attachment 2), and reported to the Project Manager. Wells that are suspected to have been tampered with shall not be sampled until further guidance from the Project Manager.
3. Lay plastic sheeting around the well to minimize the likelihood of contamination of equipment from soil adjacent to the well.
4. Remove the locking well cap, note location, time of day, and date in field notebook or appropriate log form.
5. Remove the well casing cap.
6. For confined aquifers, wait for water level to equilibrate before measuring water level.
7. Turn on the product-water interface probe.
8. Press the battery check button (if so equipped). A solid tone will be heard if the battery is good.
9. Lower product-water interface probe into well, slowly unreeling the measuring tape from the spool of the meter.
10. Continue lowering the probe until a discontinuous (beeping) tone is heard. This tone indicates that the probe has come in contact with LNAPL. If LNAPL is not present, a solid tone will be heard.
11. Holding the measuring tape near the measuring reference point, alternately raise and lower the probe across the depth at which the tone sounds. This will ensure that you have an accurate measurement of the depth to liquid. Record the distance from liquid surface to the referenced measuring point on well casing on the Water and Liquid Level Measurement Form (Attachment 2). Alternatively, if there is no reference point, note that liquid level measurement is from top of steel casing, top of PVC riser pipe, from ground surface, or some other position on the wellhead, typically on the north edge. Liquid level measurement shall be recorded to the nearest 0.01 foot.
12. Continue lowering the probe until a solid tone is heard. This tone indicates that the probe has come in contact with water.
13. Holding the measuring tape near the measuring reference point, alternately raise and lower the probe across the depth at which the tone sounds. This will ensure that you have

an accurate measurement of the depth to water. Record the distance from water surface to the referenced measuring point on the Water and Liquid Level Measurement Form (Attachment 2). Alternatively, if there is no reference point, note that water level measurement is from top of steel casing, top of PVC riser pipe, from ground surface, or some other position on the wellhead, typically on the north edge. Water level measurement shall be recorded to the nearest 0.01 foot.

14. For sites with DNAPL, steps 12 and 13 will precede steps 10 and 11. Once step 11 has been completed, continue lowering the probe until the bottom of the well is encountered. Measure total depth of well (at least twice to confirm measurement) and record in the site logbook or Water and Liquid Level Measurement Form (Attachment 2). Total depth measurements shall be recorded to the nearest 0.01 foot.
15. Note: For sites with LNAPL, the product-water interface probe should not be used to measure total well depth so as to minimize the likelihood of contaminating additional lengths of the measuring tape.
16. Decontaminate product-water interface probe in accordance with **Decontamination SOP**.

The presence of LNAPL can be confirmed by one of two additional ways:

1. Lowering a clear bailer to just below the top of the groundwater surface, removing the bailer, and observing the contents. The volume of LNAPL recovered can be enhanced through the use of a product cup.
2. For sites where gasoline may have been released to the subsurface, gasoline and water marking paste can be applied to a metal tape measure and the tape measure inserted into the well to just below the top of the groundwater surface. The use of both types of paste will show the interval over which LNAPL is present in the well.

The presence of DNAPL can be confirmed by one of two additional ways:

1. Lowering a weighted bailer to the bottom of the well, removing the bailer and observing the contents for any free product.
2. Lowering a length of weighted cotton string to the bottom of the well, removing the string and observing the string for the DNAPL staining.

The thickness of any non-aqueous phase liquids shall be measured and recorded to the nearest 0.01 ft.

9.0 Data and Records Management:

Before finalizing fieldwork documentation:

- Recheck all data inputs to prevent errors.
- If data were generated from multiple/different sample locations (borings, wells, etc.) at the same site, use appropriate file naming conventions to distinguish one file from another.
- Ensure that any repair work needed, issues to be resolved, and/or any uncompleted fieldwork are noted in the fieldwork documentation.

Upon completion of fieldwork, field personnel shall file fieldwork documentation, any electronic field files, the Site Health and Safety Plan, and any associated health and safety forms to the correct project folder, in accordance with **Control of Records SOP**.

10.0 Quality Control:

- All data, observations, calculations must be documented in the field logbook, field forms, and/or any electronic data recording devices (field computers, digital cameras, etc.).
- Adequate traceability must be ensured between any field notes and complementary field forms.
- Any electronic data recording devices must be operated in accordance with manufacturer's operating instructions, unless documented otherwise.
- Monitoring and Measuring Equipment must be calibrated prior to the event and calibration results documented in accordance with **Equipment Calibration and Maintenance SOP**.

11.0 References:

- Superfund Program Standard Operating Procedures
- SOP Definitions (Attachment 1)
- Water and Liquid Level Measurement Form (Attachment 2)
- Monitoring Well Development SOP
- Decontamination SOP
- Control of Records SOP
- Equipment Calibration and Maintenance SOP

Appendix D

Groundwater Sampling Field Data Sheets

Well-Head Inspection & Well Gauging Form

Antea Group Project No: 00465EA191 **Site Address:** ARCO #465- 151 Southgate Ave

Field Technician: Paul Edwards / Leo Kurcz Antea Group *(Print Full Name & Company*)* **Date:** 04 November 2019 (and 06 November 2019) **Weather:** Foggy 60's

Well Condition

Sample Order	Field Point	Bolts	Seal	Lid Secure	Lock	Expanding Cap	Water in Well Box	Well Casing Dia.	Date Gauged	Time Gauged	Depth to Water (Feet)	Depth to Bottom (Feet)	Depth to LNAPL (Feet)	LNAPL Thickness (Feet)	Comments
1	MW-1R	2/2	N	Y	N	Y	N	4"	11/4/19	10:39	53.90	60.07	—	—	Silty
2	MW-2	2/3	N	Y	Y	Y	N	4"	11/4/19	12:25	54.49	60.48	—	—	
3	MW-3D	2/2	N	Y	N	Y	Y	4"	11/4/19	15:17	136.61	226.50	—	—	
4	MW-4	0/2	Y	Y	Y	Y	N	4"	11/4/2019	11:46	55.99	60.74	—	—	Silty
5	MW-4D	2/2	N	Y	N	Y	N	4"	11/6/19	10:12	129.19	160.08	—	—	Tubing in well obstructed gauging 11/4/2019 Removed tubing 06 Nov 2019 + gauged
6	MW-5	4/4	N	N	N	Y	Y	4"	11/4/19	13:40	58.85	59.49	—	—	
7	MW-5D	2/2	N	Y	N	Y	N	4"	11/4/19	15:56	132.57	164.05	—	—	
8	MW-6	0/4	N	Y	N	Y	N	4"	11/4/19	12:52	57.68	60.26	—	—	Lid has no handle
9	MW-6D	2/2	N	Y	N	Y	N	4"	11/4/19	14:50	132.83	167	—	—	
10	MW-7	2/2	N	Y	Y	Y	N	2"	11/4/19	12:28	53.10	58.63	—	—	
11	MW-7D	2/2	N	Y	N	Y	N	4"	11/4/19	10:44	128.11	159.95	—	—	
12	MW-8	0/2	Y	Y	Y	Y	Y	2"	11/4/19	12:37	52.39	56.13	—	—	
13	MW-9	0/2	Y	Y	N	Y	N	2"	11/4/19	10:29	44.74	49.73	—	—	
14	MW-9D	1/2	Y	Y	N	Y	N	2"	11/4/19	10:18	123.65	155.10	—	—	
15	MW-10	4/4	Y	N	N	Y	N	4"	11/4/19	13:07	58.85	59.46	—	—	

Notes:

* Burried up tubing stuck out of reach on MW-4D, unable to remove on 11/4/19, unable to pass Interface probe past tubing

Tubing removed from well 11/6/2019, gauged.

** All well caps opened at least 15 minutes or longer before gauging wells: **CIRCLE ONE:** (YES) or NO**

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*Form provided by Antea Group

Note: Use G=good and P=poor for well condition

Well-Head Inspection & Well Gauging Form

Antea Group Project No: 00465EA191 **Site Address:** ARCO #465- 151 Southgate Ave

Field Technician: Paul Edwards + Leo Karcz / Antea Group *(Print Full Name & Company*)* **Date:** 04 November 2019 **Weather:** foggy 60s

Sample Order	Field Point	Well Condition: Bolts	Seal	Lid Secure	Lock	Expanding Cap	Water in Well Box	Well Casing Dia.	Date Gauged	Time Gauged	Depth to Water (Feet)	Depth to Bottom (Feet)	Depth to LNAPL (Feet)	LNAPL Thickness (Feet)	Comments
1	MW-11R	2/2	Y	Y	Y	Y	N	2"	11/4/19	1500	64.66	64.97	—	—	
2	MW-12	2/2	N	Y	Y**	Y	N	4"	11/4/19	14:39	56.30	58.28	—	—	
3	MW-13	2/2	Y	Y	N	Y	N	2"	11/4/19	12:46	32.04	32.07	—	—	silty, replacing well cap
4	MW-14	2/2	Y	Y	N	Y	N	2"	11/4/19	11:28	—	58.05	—	—	very silty
5	MW-15	1/2	Y	Y	N	Y	N	4"	11/4/19	16:08	58.58	59.22	—	—	
6	MW-16	2/2	N	Y	N	Y	N	2"	11/4/19	16:42	49.07	62.09	—	—	
7	MW-17	2/2	N	Y	N	Y	N	2"	11/4/19	15:10	53.80	58.11	—	—	
8	MW-18	2/2	N	Y	Y**	Y	Y	2"	11/4/19	16:30	51.10	64.23	—	—	
9	MW-19	2/2	Y	Y	N	Y**	N	2"	11/4/19	16:48	48.79	62.26	—	—	
10	V-1	0/2	N	Y	N	Y	Y	4"	11/4/19	11:17	—	29.13	—	—	Sheen on water in well vault
11	V-2	0/3	N	Y	N	Y	N	4"	11/4/19	11:05	—	29.16	—	—	Sandy ↓ silt/sand
12	V-3														Destroyed 8/29/2000
13	V-4	4/4	Y	Y	N	Y	Y	4"	11/4/19	15:48	—	34.69	—	—	Dry
14	V-5	4/4	Y	Y	N	Y	Y	4"	11/4/19	13:35	33.36	34.48	—	—	silty
15	V-6	0/2	N	Y	N	Y	Y	4"	11/4/19	11:20	56.45	57.71	—	—	

Notes:

** All well caps opened at least 15 minutes or longer before gauging wells: **CIRCLE ONE**: (YES) or NO**

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*Form provided by Antea Group

Note: Use G=good and P=poor for well condition

Well-Head Inspection & Well Gauging Form

Antea Group Project No: 00465EA191 **Site Address:** ARCO #465- 151 Southgate Ave

Field Technician: Paul Edwards + Leo Karcz / Antea Group *(Print Full Name & Company*)* **Date:** 04 November 2019 **Weather:** Foggy 60's

Sample Order	Field Point	Well Condition: Bolts	Seal	Lid Secure	Lock	Expanding Cap	Water in Well Box	Well Casing Dia.	Date Gauged	Time Gauged	Depth to Water (Feet)	Depth to Bottom (Feet)	Depth to LNAPL (Feet)	LNAPL Thickness (Feet)	Comments
1	V-7	2/2	N	Y	N	Y	N	4"	11/4/19	15:33	41.64	42.39	—	—	
2	V-8	0/3	N	Y	Y	Y	N	4"	11/4/19	11:10	56.42	59.44	—	—	2 bolts in vault without bolthead
3	V-9	4/4	Y	Y	N	Y	Y	4"	11/4/19	11:37	39.36	40.18	—	—	
4	V-10	4/4	Y	Y	N	Y	Y	4"	11/4/19	13:25	34.75	35.17	—	—	Silty
5	V-11	3/3	N	Y	N	N	N	4"	11/4/19	13:17	99.24	100.09	—	—	
6	V-12	3/3	N	Y	N	N	N	4"	11/4/19	16:12	89.11	89.85	—	—	
7	V-13	3/3	Y	Y	N	N	N	4"	11/4/19	15:43	89.23	90.11	—	—	
8	V-14	2/2	Y	Y	N	Y	N	4"	11/4/19	16:17	89.85	90.68	—	—	
9	MW-16D	2/2	Y	Y	N	Y	Y	2"	11/4/19	16:22	135.96	~~150.40~~ @ 148.55	—	—	
10	MW-18D	2/2	Y	Y	N	Y	Y	2"	11/4/19	16:33	139.21	~~155.0~~ @ 153.58	—	—	
11	MW-19D	2/2	Y	Y	N	Y	N	2"	11/4/19	16:52	133.36	145.61	—	—	
12															
13															
14															
15															

Notes:

** All well caps opened at least 15 minutes or longer before gauging wells: **CIRCLE ONE:** YES or NO**

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*Form provided by Antea Group

Note: Use G=good and P=poor for well condition

Groundwater Sampling Form

Site Address:	ARCO Station #465, 151 Southgate Ave, Daly City, CA		
Project No:	00465EA191	Field Technician:	Paul Edwards
Field Point:	MW-16D	Date:	05 November 2019
Screened Interval (ft):	129.0 - 149.0	Well Diameter (in):	(2) 4 6 8 ___
Depth to Water (DTW) (ft BTOC):	136.06	Depth to LNAPL (ft BTOC): Thickness of LNAPL (ft):	—
Total Depth of Well (ft BTOC):	148.53	Water Column Height (ft):	12.47

Purging Info and Calculations:

Purge Method: (Low-Flow) 3 casing volumes; Other:_____; Anticipated Purge Intake Depth:

Purge Equipment: Disposable Bailer; Electric Submersible; Peristaltic Pump; (Bladder Pump); Other:_____

Sample Collection Method: Disposable Bailer; Extraction Port; (Dedicated Tubing); Disposable Tubing; Other:_____

Water Column Height (ft):_____ X Conversion Factor (gal/ft):_____ = Casing Volume (gal):_____

Casing Volume (gal):_____ X Specified Volumes:_____ = Calculated Purge (gal):_____

Conversion Factors (gal/ft): 2" = 0.17 4" = 0.66 6" = 1.5 8" = 2.6 Other = radius^2 * 0.163

Purge: **Start Time:** 0904 **Stop Time:** 1132

Time	Temp (°C)	pH	Conductivity (µS/cm)	ORP (mV)	Turbidity (NTU)	D.O. (mg/L)	Volume Purged (mL)	Water Level (for Low-Flow only)
Pre-Purge								136.06
1102	14.93	5.86	1.30	182	262	1.65	0	136.07
1105	14.97	5.85	1.31	181	273	2.07	140 mL	136.07
1108	15.03	5.84	1.32	181	246	0.89	240 mL	136.07
1111	15.07	5.85	1.32	181	236	0.0	340	136.07
1114	15.03	5.86	1.32	180	195	0.0	370	136.08
1117	14.97	5.85	1.32	181	168	0.0	490	136.08
1120	14.92	5.83	1.32	181	141	0.0	570	136.08
1123	14.92	5.83	1.32	182	121	0.79	700	136.06
Post-Purge								✓

Did Well dewater? Yes (No) Total Purge volume (mL): 1000

Intake Depth During Purge: 146.53 Intake Depth After Purge: 146.53 Sample Intake Depth: 146.53

Other Comments: flow through cell disconnected prior to taking sample ✓ PP

Flow Rate: 35 mL/min

Sample Info: MW-16D-20191105

Sample ID: MW-16D-20191105-MS; MW-16D-20191105-MSD Sample Date and Time: 05 November 2019 1140

Selected Analysis: See COC

This form was provided by Antea Group and completed by: (Print Full Name) Paul Edwards

Signature: _____ Date: 05 Nov 2019

antea group

Antea™ Group, 1-800-477-7411

LNAPL= light non-aqueous phase liquids
bgs = below ground surface
ORP = Oxidation-Reduction Potential
D.O.= dissolved oxygen

mL= milliliters
temp = temperature
NTU = Nephelometric Turbidity Units
mV = millivolts

Groundwater Sampling Form

Site Address:	ARCO Station #465, 151 Southgate Ave, Daly City, CA		
Project No:	00465EA191	Field Technician:	Paul Edwards
Field Point:	MW-16D	Date:	05 November 2019
Screened Interval (ft):	129.0 - 149.0	Well Diameter (in):	(2) 4 6 8 ___
Depth to Water (DTW) (ft BTOC):	136.06	Depth to LNAPL (ft BTOC): Thickness of LNAPL (ft):	—
Total Depth of Well (ft BTOC):	148.53	Water Column Height (ft):	12.47

Purging Info and Calculations:

Purge Method:

(Low-Flow)
3 casing volumes
Other:_____

Anticipated Purge Intake Depth:

Purge Equipment:

Disposable Bailer
Electric Submersible
Peristaltic Pump
(Bladder Pump)
Other:_____

Sample Collection Method:

Disposable Bailer
Extraction Port
(Dedicated Tubing)
Disposable Tubing
Other:_____

Water Column Height (ft):_____ X Conversion Factor (gal/ft):_____ = Casing Volume (gal):_____

Casing Volume (gal):_____ X Specified Volumes:_____ = Calculated Purge (gal): _____

Conversion Factors (gal/ft): 2" = 0.17 4" = 0.66 6" = 1.5 8" = 2.6 Other = radius^2 * 0.163

Purge: **Start Time:** 0904 **Stop Time:** 1132

Time	Temp (°C)	pH	Conductivity (µS/cm)	ORP (mV)	Turbidity (NTU)	D.O. (mg/L)	Volume Purged (mL)	Water Level (for Low-Flow only)
Pre-Purge								
1126	14.91	5.85	1.32	180	111 (PE)	0.00	775	136.06
1129	14.94	5.81	1.32	182	117	0.0	900	136.07
1132	14.90	5.79	1.32	183	116	0.0	1000	136.07
								(PE)
Post-Purge								136.07

Did Well dewater? Yes (No) Total Purge volume (mL): 1000

Intake Depth During Purge: 146.53 Intake Depth After Purge: 146.53 Sample Intake Depth: 146.53

Other Comments: flow through cell disconnected prior to taking sample (PE)

Flow Rate: 35mL/Min

Sample Info: MW-16D-20191105

Sample ID: MW-16D-20191105_MS, MW-16D-20191105_MSD

Sample Date and Time: 05 November 2019 1140

Selected Analysis: See COC

This form was provided by Antea Group and completed by: (Print Full Name) Paul Edwards

Signature: _____ Date: 05 Nov 2019

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LNAPL= light non-aqueous phase liquids
bgs = below ground surface
ORP = Oxidation-Reduction Potential
D.O.= dissolved oxygen

mL= milliliters
temp = temperature
NTU = Nephelometric Turbidity Units
mV = millivolts

Groundwater Sampling Form

Site Address:	ARCO Station #465, 151 Southgate Ave, Daly City, CA		
Project No:	00465EA191	Field Technician:	Leo Karoz
Field Point:	MW-18D	Date:	11/5/19
Screened Interval (ft):	134-154	Well Diameter (in):	(2) 4 6 8 ___
Depth to Water (DTW) (ft BTOC):	139.30	Depth to LNAPL (ft BTOC): Thickness of LNAPL (ft):	—
Total Depth of Well (ft BTOC):	153.58	Water Column Height (ft):	14.28

Purging Info and Calculations:

Purge Method:

(Low-Flow)
3 casing volumes
Other:_____

Anticipated Purge Intake Depth:

Purge Equipment:

Disposable Bailer
Electric Submersible
Peristaltic Pump
(Bladder Pump)
Other:_____

Sample Collection Method:

Disposable Bailer
Extraction Port
(Dedicated Tubing)
Disposable Tubing
Other:_____

Water Column Height (ft):_____ X Conversion Factor (gal/ft):_____ = Casing Volume (gal):_____

Casing Volume (gal):_____ X Specified Volumes:_____ = Calculated Purge (gal): _____

Conversion Factors (gal/ft): 2" = 0.17 4" = 0.66 6" = 1.5 8" = 2.6 Other = radius^2 * 0.163

Purge: **Start Time:** 1010 **Stop Time:**_____

Time	Temp (°C)	pH	Conductivity (µS/cm)	ORP (mV)	Turbidity (NTU)	D.O. (mg/L)	Volume Purged (mL)	Water Level (for Low-Flow only)
Pre-Purge								139.30
11:47	13.17	5.60	1.16	166	650	1634	15	139.29
11:50	15.20	5.61	1.16	173	65.3	6.31	150	139.28
11:53	15.30	5.64	1.16	178	63.4	5.35	350	139.27
11:56	15.41	5.67	1.15	180	42.3	4.86	480	139.26
11:59	15.48	5.65	1.15	182	43.8	7.08	600	139.27
12:02	15.46	5.66	1.15	183	40.3	7.21	690	139.27
Post-Purge								139.31

Did Well dewater? Yes (No) Total Purge volume (mL): 690

Intake Depth During Purge: 151.58 Intake Depth After Purge: 151.58 Sample Intake Depth: 151.58

Other Comments: flow through cell disconnected prior to taking sample

Flow Rate: 690 mL / 15 min = 46 mL/min

Sample Info:

Sample ID:	MW-18D_20191105	Sample Date and Time:	11/5/19 12:20
Selected Analysis:	See COC		

This form was provided by Antea Group and completed by: (Print Full Name) Leo Karoz

Signature: Leo Karoz Date: 11-5-19

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LNAPL= light non-aqueous phase liquids
bgs = below ground surface
ORP = Oxidation-Reduction Potential
D.O.= dissolved oxygen

mL= milliliters
temp = temperature
NTU = Nephelometric Turbidity Units
mV = millivolts

Groundwater Sampling Form

Site Address:	ARCO Station #465, 151 Southgate Ave, Daly City, CA		
Project No:	00465EA191	Field Technician:	Leo Karcz
Field Point:	MW-19D	Date:	11/6/19
Screened Interval (ft):	125-145	Well Diameter (in):	(2) 4 6 8 ___
Depth to Water (DTW) (ft BTOC):	133.36	Depth to LNAPL (ft BTOC): Thickness of LNAPL (ft):	—
Total Depth of Well (ft BTOC):	145.61	Water Column Height (ft):	12.25

Purging Info and Calculations:

Purge Method: (Low-Flow) 3 casing volumes; Other:_____; Anticipated Purge Intake Depth:

Purge Equipment: Disposable Bailer; Electric Submersible; ~~Peristaltic Pump~~; (Bladder Pump); Other:_____

Sample Collection Method: Disposable Bailer; ~~Extraction Port~~; (Dedicated Tubing); Disposable Tubing; Other:_____

Water Column Height (ft):— X Conversion Factor (gal/ft):— = Casing Volume (gal):—

Casing Volume (gal):— X Specified Volumes:— = Calculated Purge (gal):—

Conversion Factors (gal/ft): 2" = 0.17 4" = 0.66 6" = 1.5 8" = 2.6 Other = radius^2 * 0.163

Purge: **Start Time:** 0940 **Stop Time:**

Time	Temp (°C)	pH	Conductivity (µS/cm)	ORP (mV)	Turbidity (NTU)	D.O. (mg/L)	Volume Purged (mL)	Water Level (for Low-Flow only)
Pre-Purge								133.40
1045	15.15	6.03	~~1.48~~ 1.79	148	365	1.02	100	133.41
1048	15.07	5.95	1.79	150	371	1.13	275	133.42
1051	15.24	5.93	1.78	148	377	0.00	425	133.41
1054	15.25	5.98	1.79	143	322	0.00	510	133.42
1057	15.21	5.98	1.79	143	326	0.00	515	133.40
1100	15.21	5.97	1.79	144	300	0.00	530	133.39
1103	15.20	5.98	1.79	144	297	0.00	560	133.43
1106	15.28	5.98	1.79	142	294	0.00	725	133.41
Post-Purge								—

Did Well dewater? Yes (No) Total Purge volume (mL): —

Intake Depth During Purge: 142.61 Intake Depth After Purge: 142.61 Sample Intake Depth: 142.61

Other Comments: flow through cell disconnected prior to taking sample

Flow Rate: 43.94 mL/min

Sample Info:

Sample ID:	MW-19D_20191106	Sample Date and Time:	11/6/19 11:45
Selected Analysis:	See COC	↳ DUP-465-20191106	

This form was provided by Antea Group and completed by: (Print Full Name) Leo Karcz

Signature: _____ Date: 11/6/19

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LNAPL= light non-aqueous phase liquids
bgs = below ground surface
ORP = Oxidation-Reduction Potential
D.O.= dissolved oxygen
mL= milliliters
temp = temperature
NTU = Nephelometric Turbidity Units
mV = millivolts

Groundwater Sampling Form

Site Address:	ARCO Station #465, 151 Southgate Ave, Daly City, CA		
Project No:	00465EA191	Field Technician:	Leo Karcz
Field Point:	MW-19D	Date:	11/6/19
Screened Interval (ft):	125-145	Well Diameter (in):	(2) 4 6 8 ___
Depth to Water (DTW) (ft BTOC):	133.36	Depth to LNAPL (ft BTOC): Thickness of LNAPL (ft):	—
Total Depth of Well (ft BTOC):	145.61	Water Column Height (ft):	12.25

Purging Info and Calculations:

Purge Method: (Low-Flow) / 3 casing volumes / Other:_____ / Anticipated Purge Intake Depth:

Purge Equipment: Disposable Bailer / Electric Submersible / Peristaltic Pump / (Bladder Pump) / Other:_____

Sample Collection Method: Disposable Bailer / Extraction Port / (Dedicated Tubing) / Disposable Tubing / Other:_____

Water Column Height (ft):_____ X Conversion Factor (gal/ft):_____ = Casing Volume (gal):_____

Casing Volume (gal):_____ X Specified Volumes:_____ = Calculated Purge (gal): _____

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Conversion Factors (gal/ft): 2" = 0.17 4" = 0.66 6" = 1.5 8" = 2.6 Other = radius^2 * 0.163

Purge: **Start Time:**_____ **Stop Time:**_____

Time	Temp (°C)	pH	Conductivity (µS/cm)	ORP (mV)	Turbidity (NTU)	D.O. (mg/L)	Volume Purged (mL)	Water Level (for Low-Flow only)
Pre-Purge								—
1109	16.65	5.98	1.79	138	241	0.00	825	133.41
~~1112~~ 1112 (B)	16.12	5.99	1.79	135	159	0.00	1,135	133.41
1115	16.25	5.99	1.79	134	122	0.00	1,350	133.42
1118	16.30	6.00	1.80	133	127	0.00	1,450	133.40
Post-Purge								1334

Did Well dewater? Yes (No) Total Purge volume (mL): 1450

Intake Depth During Purge: 142.61 Intake Depth After Purge: 142.61 Sample Intake Depth: 142.61

Other Comments: flow through cell disconnected prior to taking sample

Flow Rate: 1450 mL / 33 min = 43.94 mL/min

Sample Info:

Sample ID:	MW-19D_20191106	Sample Date and Time:	11/6/19 11:45
Selected Analysis:	See COC	→ DUP-465_20191106	

This form was provided by Antea Group and completed by: (Print Full Name) Leo Karcz

Signature: Leo Date: 11/6/19

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LNAPL= light non-aqueous phase liquids
bgs = below ground surface
ORP = Oxidation-Reduction Potential
D.O.= dissolved oxygen

mL= milliliters
temp = temperature
NTU = Nephelometric Turbidity Units
mV = millivolts

Groundwater Sampling Form

Site Address:	ARCO Station #465, 151 Southgate Ave, Daly City, CA		
Project No:	00465EA191	Field Technician:	Leo Karcz
Field Point:	V-14	Date:	11/5/19
Screened Interval (ft):	70-90	Well Diameter (in):	2 (4) 6 8
Depth to Water (DTW) (ft BTOC):	89.85	Depth to LNAPL (ft BTOC): Thickness of LNAPL (ft):	—
Total Depth of Well (ft BTOC):	90.68	Water Column Height (ft):	0.83

Purging Info and Calculations:

Purge Method:

Low-Flow
3 casing volumes
Other: Grab Sample

Anticipated Purge Intake Depth:

Purge Equipment:

(Disposable Bailer)
Electric Submersible
Peristaltic Pump
Bladder Pump
Other:

Sample Collection Method:

(Disposable Bailer)
Extraction Port
Dedicated Tubing
Disposable Tubing
Other:

Water Column Height (ft): — X Conversion Factor (gal/ft): — = Casing Volume (gal): —

Casing Volume (gal): — X Specified Volumes: — = Calculated Purge (gal): —

Conversion Factors (gal/ft): 2" = 0.17 4" = 0.66 6" = 1.5 8" = 2.6 Other = radius^2 * 0.163

Purge: **Start Time:** 1350 **Stop Time:** 1420

Time	Temp (°C)	pH	Conductivity (µS/cm)	ORP (mV)	Turbidity (NTU)	D.O. (mg/L)	Volume Purged (mL)	Water Level (for Low-Flow only)
Pre-Purge								
		8.70						
Post-Purge								

Did Well dewater? Yes (No) Total Purge volume (mL): —

Intake Depth During Purge: — Intake Depth After Purge: — Sample Intake Depth: —

Other Comments: flow through cell disconnected prior to taking sample

Flow Rate: Grab sample, no flow

Sample Info:

Sample ID:	V-14_20191105	Sample Date and Time:	11/5/19 1420
Selected Analysis:	See COC	DUP-465_20191105	

This form was provided by Antea Group and completed by: (Print Full Name) Leo Karcz

Signature: Leo Karcz Date: 11/5/19

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LNAPL= light non-aqueous phase liquids
bgs = below ground surface
ORP = Oxidation-Reduction Potential
D.O.= dissolved oxygen

mL= milliliters
temp = temperature
NTU = Nephelometric Turbidity Units
mV = millivolts

Well-Head Inspection & Well Gauging Form

Antea Group Project No: 00465EA191 **Site Address:** ARCO #465- 151 Southgate Ave

Field Technician: Elizabeth Diaz / Leo Kavet (Print Full Name & Company*) **Date:** 20 Jan 2020 **Weather:** Cloudy, 50's

Sample Order	Field Point	Well Condition: Bolts	Seal	Lid Secure	Lock	Expanding Cap	Water In Well Box	Well Casing Dia.	Date Gauged	Time Gauged	Depth to Water (Feet)	Depth to Bottom (Feet)	Depth to LNAPL (Feet)	LNAPL Thickness (Feet)	Comments
1	MW-1R	2/2	N	Y	N	Y	N	4"	1/20/20	1537	53.82	60.37	—	—	
2	MW-2	2/2	N	Y	Y	Y	N	4"	1/20/20	1517	54.42	60.25	—	—	
3	MW-3D	2/2	N	Y	N	Y	Y	4"	1/20/20	1622	~~60.91~~	~~220.70~~ 220.70	—	—	DTW: 132.93
4	MW-4 Δ	0/2	N	Y	Y	Y	N	4"	1/20/20	1458	55.90	60.74	—	—	
5	MW-4D	2/2	N	Y	N	Y	N	4"	1/20/20	1505	122.80	~~163.00~~	—	—	
6	MW-5 *	4/4	Y	Y	N	Y	Y	4"	1/20/20	1412	58.83	59.22	—	—	No tubing, vault full of water
7	MW-5D	2/2	N	Y	N	Y	N	4"	1/20/20	1454	131.19	168.07	—	—	
8	MW-6 Δ	0/4	N	Y	N	Y	N	4"	1/20/20	1440	57.64	60.02	—	—	
9	MW-6D	2/2	Y	Y	N	Y	N	4"	1/20/20	1438	131.47	165.8	—	—	
10	MW-7 Δ	2/2	N	Y	Y	Y	N	2"	1/20/20	1525	53.05	58.57	—	—	
11	MW-7D	2/2	N	Y	N	Y	Y	4"	1/20/20	1554	120.73	163.49	—	—	Vault full of water
12	MW-8 Δ	0/2	N	Y	Y	Y	Y	2"	1/20/20	~~1551~~	~~52.350~~	54.11	—	—	time: 1550
13	MW-9 Δ	1/2	Y	Y	N	Y	Y	2"	1/20/20	1558	45.52	50.45	—	—	
14	MW-9D	0/2	Y	Y	N	Y	Y	2"	1/20/20	1759	122.13	156.66			
15	MW-10 *	4/4	Y	Y	N	Y	Y	4"	1/20/20	1345	58.84	59.51	—	—	

Notes: * less than 2 feet of water
Δ between 2-5 feet Deep of water

** All well caps opened at least 15 minutes or longer before gauging wells: **CIRCLE ONE:** (YES) or NO**

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*Form provided by Antea Group

Note: Use G=good and P=poor for well condition

Well-Head Inspection & Well Gauging Form

Antea Group Project No: 00465EA191 Site Address: ARCO #465- 151 Southgate Ave

Field Technician: Elizabeth Diaz / Leo Kaver (Print Full Name & Company*) Date: 1/20/20 Weather: Cloudy, 70s

Sample Order	Field Point	Well Condition: Bolts	Seal	Lid Secure	Lock	Expanding Cap	Water in Well Box	Well Casing Dia.	Date Gauged	Time Gauged	Depth to Water (Feet)	Depth to Bottom (Feet)	Depth to LNAPL (Feet)	LNAPL Thickness (Feet)	Comments
1	MW-11R *	2/2	Y	Y	Y	Y	N	2"	1/20/20	1745	64.44	64.96	—	—	No tubing
2	MW-12 Δ	2/2	N	Y	Y	Y	Y	4"	1/20/20	1730	54.08	58.36	—	—	
3	MW-13 *	2/2	Y	Y	N	Y	N	2"	1/20/20	1446	—	32.00	—	—	DRY
4	MW-14 *	2/2	Y	Y	N	Y	N	2"	1/20/20	1355	—	57.85	—	—	No tubing; Silty; DRY
5	MW-15 *	2/2	Y	Y	N	Y	N	4"	1/20/20	1700	58.44	59.00	—	—	
6	MW-16	2/2	N	Y	N	Y	N	2"	1/20/20	1805	49.00	61.97	—	—	Vault full of water
7	MW-16D	2/2	N	Y	N	Y	Y	2"	1/20/20	1719	134.61	149.53	—	—	
8	MW-17	2/2	N	Y	N	Y	N	2"	1/20/20	1805	53.72	57.92	—	—	Tubing stuck in well
9	MW-18	2/2	Y	Y	Y	Y	Y	2"	1/20/20	1807	51.64	63.91	—	—	slight sheen in water in well box
10	MW-18D	2/2	Y	Y	N	Y	Y	2"	1/20/20	~~1809~~ 1812	137.97	152.71	—	—	Vault full of water
11	MW-19	2/2	Y	Y	N	Y	Y	2"	1/20/20	~~1815~~ 1821	56.70	63.40	—	—	
12	MW-19D	2/2	Y	Y	N	Y	N	2"	1/20/20	~~1815~~ 1825	139.97	147.55	—	—	
13	V-1 *	0/2	N	Y	N	Y	Y	4"	1/20/20	1609	—	28.95	—	—	Vault full of water; No tubing; DRY
14	V-2 *	0/2	N	Y	N	Y	N	4"	1/20/20	1547	—	29.17	—	—	DRY; sandy
15	~~V-3~~														Destroyed in 2000

Notes: *less than 2 feet of water

** All well caps opened at least 15 minutes or longer before gauging wells: **CIRCLE ONE**: (YES) or NO**

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Note: Use G=good and P=poor for well condition

Well-Head Inspection & Well Gauging Form

Antea Group Project No: 00465EA191 **Site Address:** ARCO #465- 151 Southgate Ave

Field Technician: Elizabeth Diaz/Leo Ibarra **Date:** 1/20/20 **Weather:** Cloudy, 50s

(Print Full Name & Company*)

Sample Order	Field Point	Well Condition: Bolts	Seal	Lid Secure	Lock	Expanding Cap	Water in Well Box	Well Casing Dia.	Date Gauged	Time Gauged	Depth to Water (Feet)	Depth to Bottom (Feet)	Depth to LNAPL (Feet)	LNAPL Thickness (Feet)	Comments
1	V-4 *	4/4	Y	Y	N	Y	Y	4"	1/20/20	1428	34.15	34.68	—	—	Vault full of water; silty
2	V-5 *	4/4	Y	Y	N	Y	Y	4"	1/20/20	1419	33.30	33.50	—	—	Vault full of water; odor
3	V-6 *	0/2	N	Y	N	Y	Y	4"	1/20/20	1613	56.44	57.48	—	—	No tubing
4	V-7 *	2/2	N	Y	N	Y	N	4"	1/20/20	1419	41.81	42.21	—	—	
5	V-8 Δ	0/3	N	Y	Y	Y	N	4"	1/20/20	1603	56.33	58.78	—	—	
6	V-9 *	4/4	Y	Y	N	Y	Y	4"	1/20/20	1450	39.35	39.78	—	—	Vault full of water
7	V-10 *	4/4	N	Y	N	Y	Y	4"	1328	1/20/20	34.47	35.06	—	—	Vault full of water
8	V-11 *	3/3	N	Y	N	N	N	4"	1/20/20	1334	99.20	100.10	—	—	
9	V-12 *	3/3	N	Y	N	N	N	4"	1/20/20	1704	89.13	90.01	—	—	
10	V-13 *	3/3	N	Y	N	N	N	4"	1/20/20	1438	89.20	~~98.70~~	—	—	98.19 DTB
11	V-14 *	2/2	Y	Y	N	X	N	4"	1/20/20	1712	88.67	90.93	—	—	
12															
13															
14															
15															

Notes: * less than 2 feet of water

** All well caps opened at least 15 minutes or longer before gauging wells: **CIRCLE ONE**: YES or NO**

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*Form provided by Antea Group

Note: Use G=good and P=poor for well condition

Groundwater Sampling Form

Site Address:	BP 4465; 157 Southgate Ave, Daly City		
Project No:	465	Field Technician:	ED
Field Point:	MW-1R	Date:	1/21/20
Screened Interval (ft):	40-40	Well Diameter (in):	2 (4) 6 8
Depth to Water (DTW) (ft bgs):	53.82	Depth to LNAPL (ft BTOC) Thickness of LNAPL (ft):	—
Total Depth of Well (ft BTOC):	60.37	Water Column Height (ft):	— 4.55

Purging Info and Calculations:

Purge Method:
(Low-Flow)
3 casing volumes
Other:_____

Purge Equipment:
Disposable Bailer
Electric Submersible
Peristaltic Pump
(Bladder Pump)
Other:_____

Sample Collection Method:
Disposable Bailer
Extraction Port
(Dedicated Tubing)
Disposable Tubing
Other:_____

Water Column Height (ft):— X Conversion Factor (gal/ft):— = Casing Volume (gal):—

Casing Volume (gal):— X Specified Volumes:— = Calculated Purge (gal):—

Conversion Factors (gal/ft): 2" = 0.17 4" = 0.66 6" = 1.5 8" = 2.6 Other = radius^2 * 0.163

Purge: **Start Time:** 1625 **Stop Time:** 1647

Time	Temp (°C)	pH	Conductivity (µS/cm)	ORP (mV)	Turbidity (NTU)	D.O. (mg/L)	Volume Purged (mL)	Water Level (for Low-Flow only)
Pre-Purge								53.86
1635	14.79	5.78	~~1358~~ 135	138	258	11.85	80	53.86
1638	14.77	5.93	~~0.155~~ 0.155	138	114	11.23	140	53.88
1642	14.99	5.99	~~0.147~~ 0.147	149	81	5.94	290	53.89
1645	15.02	6.31	154	140	75.6	5.01	465	53.91
Post-Purge								53.91

Did Well dewater? Yes (No) Total Purge volume (mL): 465 Depth: 57.00 ft for all

Other Comments: disconnected flow-through cell prior to sampling: 58.3 mL/min

Sample Info:

Sample ID:	MW-1R_20200121	Sample Date and Time:	1/21/20 1647
Selected Analysis:	see COC		

This form was provided by Antea Group and completed by: (Print Full Name) Elizabeth Diaz

Signature: _____ Date: 1/21/20

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LNAPL= light non-aqueous phase liquids
bgs = below ground surface
ORP = Oxidation-Reduction Potential
D.O.= dissolved oxygen

gal = gallon/s
temp = temperature
NTU = Nephelometric Turbidity Units
mV = millivolts

Groundwater Sampling Form

Site Address:	ARCO Station #465, 151 Southgate Ave, Daly City, CA		
Project No:	00465EA191	Field Technician:	ED
Field Point:	MW-2	Date:	1/23/20
Screened Interval (ft):	51-61.5	Well Diameter (in):	2 (4) 6 8 ___
Depth to Water (DTW) (ft BTOC):	54.40	Depth to LNAPL (ft BTOC): Thickness of LNAPL (ft):	—
Total Depth of Well (ft BTOC):	60.25	Water Column Height (ft):	5.85

Purging Info and Calculations:

Purge Method:
(Low-Flow)
3 casing volumes
Other:_____
Anticipated Purge Intake Depth:

Purge Equipment:
Disposable Bailer
Electric Submersible
Peristaltic Pump
(Bladder Pump)
Other:_____

Sample Collection Method:
Disposable Bailer
Extraction Port
(Dedicated Tubing)
Disposable Tubing
Other:_____

Water Column Height (ft):_____ X Conversion Factor (gal/ft):_____ = Casing Volume (gal):_____

Casing Volume (gal):_____ X Specified Volumes:_____ = Calculated Purge (gal): _____

Conversion Factors (gal/ft): 2" = 0.17 4" = 0.66 6" = 1.5 8" = 2.6 Other = radius^2 * 0.163

Purge: **Start Time:** 1320 **Stop Time:** 1348

Time	Temp (°C)	pH	Conductivity (µS/cm)	ORP (mV)	Turbidity (NTU)	D.O. (mg/L)	Volume Purged (mL)	Water Level (for Low-Flow only)
Pre-Purge								54.40
1328	18.70	6.31	0.730	197	474	7.27	20	54.46
1331	18.70	6.31	0.744	199	297	7.24	140	54.42
1334	18.74	6.32	0.791	194	264	7.21	270	54.43
1337	18.67	6.34	0.784	196	239	7.20	410	54.46
1340	18.59	6.31	0.786	197	220	7.18	605	54.46
1343	18.54	6.31	0.766	201	190	7.09	830	54.47
1346	18.51	6.32	0.767	203	169	7.04	1,045	54.49
Post-Purge								54.49

Did Well dewater? Yes No Total Purge volume (mL):

Intake Depth During Purge: 56.5 ft Intake Depth After Purge: 56.5 ft Sample Intake Depth: 56.5 ft

Other Comments: flow through cell disconnected prior to taking sample

Flow Rate: 71.6 mL/min

Sample Info:

Sample ID:	MW-2-20200123	Sample Date and Time:	1/23/20 1349
Selected Analysis:	See COC		

This form was provided by Antea Group and completed by: (Print Full Name) Elizabeth Diaz

Signature: _____ Date: 1/23/20

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LNAPL= light non-aqueous phase liquids
bgs = below ground surface
ORP = Oxidation-Reduction Potential
D.O.= dissolved oxygen

mL= milliliters
temp = temperature
NTU = Nephelometric Turbidity Units
mV = millivolts

Groundwater Sampling Form

Site Address:	ARCO Station #465, 151 Southgate Ave, Daly City, CA		
Project No:	00465EA191	Field Technician:	Leo Karcz
Field Point:	MW-3D	Date:	1/24/20
Screened Interval (ft):	205-220	Well Diameter (in):	2 (4) 6 8 ___
Depth to Water (DTW) (ft BTOC):	132.93	Depth to LNAPL (ft BTOC): / Thickness of LNAPL (ft):	—
Total Depth of Well (ft BTOC):	220.70	Water Column Height (ft):	87.77

Purging Info and Calculations:

Purge Method: (Low-Flow) 3 casing volumes Other:___ Anticipated Purge Intake Depth:

Purge Equipment: Disposable Bailer, Electric Submersible, Peristaltic Pump, (Bladder Pump) Other:___

Sample Collection Method: Disposable Bailer, Extraction Port, (Dedicated Tubing), Disposable Tubing Other:___

Water Column Height (ft):___ X Conversion Factor (gal/ft):___ = Casing Volume (gal):___

Casing Volume (gal):___ X Specified Volumes:___ = Calculated Purge (gal): ___

Conversion Factors (gal/ft): 2" = 0.17 4" = 0.66 6" = 1.5 8" = 2.6 Other = radius^2 * 0.163

Purge: **Start Time:** 0825 **Stop Time:** 0952

Time	Temp (°C)	pH	Conductivity (µS/cm)	ORP (mV)	Turbidity (NTU)	D.O. (mg/L)	Volume Purged (mL)	Water Level (for Low-Flow only)
Pre-Purge								132.94
0901	16.75	3.79	0.890	362	0.0	3.59	90	133.11
0904	16.72	3.75	0.899	365	0.0	2.31	200	133.11
0907	16.82	3.74	0.905	366	0.0	2.06	325	133.09
0910	16.82	3.71	0.910	367	0.0	1.80	450	133.08
0913	16.93	3.70	0.913	368	0.0	1.85	670	133.09
Post-Purge								133.04

Did Well dewater? Yes (No) Total Purge volume (mL): 670

Intake Depth During Purge: 206.16 Intake Depth After Purge: 206.16 Sample Intake Depth: 206.16

Other Comments: flow through cell disconnected prior to taking sample

Flow Rate: 670 mL / 12 min = 55.83 mL/min

Sample Info:

Sample ID:	MW-3D_20200124	Sample Date and Time:	1/24/20 0930
Selected Analysis:	see COC		

This form was provided by Antea Group and completed by: (Print Full Name) Leo Karcz

Signature: ___ Date: 1/24/20

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LNAPL= light non-aqueous phase liquids
bgs = below ground surface
ORP = Oxidation-Reduction Potential
D.O.= dissolved oxygen

mL= milliliters
temp = temperature
NTU = Nephelometric Turbidity Units
mV = millivolts

Groundwater Sampling Form

Site Address:	ARCO Station #465, 151 Southgate Ave, Daly City, CA		
Project No:	00465EA191	Field Technician:	ED
Field Point:	MW-4	Date:	1/23/20
Screened Interval (ft):	31.5-61.5	Well Diameter (in):	2 (4) 6 8
Depth to Water (DTW) (ft BTOC):	55.90	Depth to LNAPL (ft BTOC): Thickness of LNAPL (ft):	—
Total Depth of Well (ft BTOC):	60.74	Water Column Height (ft):	4.84

Purging Info and Calculations:

Purge Method:
~~Low-Flow~~
3 casing volumes
Other:

Anticipated Purge Intake Depth:

Purge Equipment:
Disposable Bailer
Electric Submersible
Peristaltic Pump
Bladder Pump
Other:

Sample Collection Method:
Disposable Bailer
Extraction Port
Dedicated Tubing
~~Disposable Tubing~~
Other:

Water Column Height (ft): — X Conversion Factor (gal/ft): — = Casing Volume (gal): —

Casing Volume (gal): — X Specified Volumes: — = Calculated Purge (gal): —

Conversion Factors (gal/ft): 2" = 0.17 4" = 0.66 6" = 1.5 8" = 2.6 Other = radius^2 * 0.163

Purge: **Start Time:** ~~1000~~ 1045 **Stop Time:** 1120

Time	Temp (°C)	pH	Conductivity (µS/cm)	ORP (mV)	Turbidity (NTU)	D.O. (mg/L)	Volume Purged (mL)	Water Level (for Low-Flow only)
Pre-Purge								~~55.96~~ 55.96
1110	16.99	6.51	0.204	169	176	6.92	100	55.96
1113	17.32	6.48	0.204	170	157	6.64	250	55.97
1116	17.02	6.48	0.202	~~169~~ 170	144	6.50	370	55.97
1119	17.06	6.47	0.201	171	141	6.47	580	55.97
Post-Purge								55.97

Did Well dewater? Yes (No) Total Purge volume (mL): 580

Intake Depth During Purge: 58 ft Intake Depth After Purge: 58 ft Sample Intake Depth: 58 ft

Other Comments: flow through cell disconnected prior to taking sample

Flow Rate: 70 mL/min

Sample Info:

Sample ID: MW-4-20200123 Sample Date and Time: 1/23/20 1123

Selected Analysis: see COC

This form was provided by Antea Group and completed by: (Print Full Name) Elizabeth Diaz

Signature: Date: 1/23/20

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LNAPL= light non-aqueous phase liquids
bgs = below ground surface
ORP = Oxidation-Reduction Potential
D.O.= dissolved oxygen

mL= milliliters
temp = temperature
NTU = Nephelometric Turbidity Units
mV = millivolts

Groundwater Sampling Form

Site Address:	ARCO Station #465, 151 Southgate Ave, Daly City, CA		
Project No:	00465EA191	Field Technician:	ED
Field Point:	MW-4D	Date:	1/23/20
Screened Interval (ft):	140-160	Well Diameter (in):	2 (4) 6 8 ___
Depth to Water (DTW) (ft BTOC):	127.80	Depth to LNAPL (ft BTOC): Thickness of LNAPL (ft):	—
Total Depth of Well (ft BTOC):	163.60	Water Column Height (ft):	35.80

Purging Info and Calculations:

Purge Method:
~~Low-Flow~~
3 casing volumes
Other:_____

Anticipated Purge Intake Depth:

Purge Equipment:
Disposable Bailer
Electric Submersible
Peristaltic Pump
Bladder Pump
Other:_____

Sample Collection Method:
Disposable Bailer
Extraction Port
Dedicated Tubing
Disposable Tubing
Other:_____

Water Column Height (ft): ~~35.8~~ 13.3 X Conversion Factor (gal/ft): ~~0.155~~ 0.66 = Casing Volume (gal): ~~5.54~~ 8.7

Casing Volume (gal): 8.7 X Specified Volumes: 1 = Calculated Purge (gal): 8.7

Conversion Factors (gal/ft): 2" = 0.17 4" = 0.66 6" = 1.5 8" = 2.6 Other = radius² * 0.163

Purge: **Start Time:** ~~0905~~ ~~0919~~ 0910 **Stop Time:** 0930

Time	Temp (°C)	pH	Conductivity (µS/cm)	ORP (mV)	Turbidity (NTU)	D.O. (mg/L)	Volume Purged (mL)	Water Level (for Low-Flow only)
Pre-Purge								137.60
~~0917~~	~~11.79~~	~~6.84~~	~~1.33~~	~~158~~	~~116~~	~~8.72~~	~~20~~	
~~0919~~	12.98	6.70	1.29	168	200	3.75	20	~~137.60~~
0922	12.94	6.74	1.31	159	200	3.81	250	137.60
0925	12.90	6.71	1.33	162	189	3.84	540	137.70
0928	12.91	6.69	1.29	164	184	3.86	800	137.72
Post-Purge								137.72

Did Well dewater? Yes (No) Total Purge volume (mL): 800

Intake Depth During Purge: 145 Intake Depth After Purge: 145 Sample Intake Depth: 145

Other Comments: flow through cell disconnected prior to taking sample

Flow Rate: 84.6 mL/min

Sample Info:

Sample ID:	MW-4D-20200123	Sample Date and Time:	1/23/20 0937
Selected Analysis:	VOCs		

This form was provided by Antea Group and completed by: (Print Full Name) Elizabeth Dinn

Signature: _____ Date: 1/23/20

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LNAPL= light non-aqueous phase liquids
bgs = below ground surface
ORP = Oxidation-Reduction Potential
D.O.= dissolved oxygen

mL= milliliters
temp = temperature
NTU = Nephelometric Turbidity Units
mV = millivolts

Groundwater Sampling Form

Site Address:	ARCO Station #465, 151 Southgate Ave, Daly City, CA		
Project No:	00465EA191	Field Technician:	Leo Karz
Field Point:	MW-5D	Date:	1/23/20
Screened Interval (ft):	144-164	Well Diameter (in):	2 (4) 6 8 ___
Depth to Water (DTW) (ft BTOC):	131.47	Depth to LNAPL (ft BTOC): Thickness of LNAPL (ft):	—
Total Depth of Well (ft BTOC):	168.67	Water Column Height (ft):	37.20

Purging Info and Calculations:

Purge Method: (Low-Flow) / 3 casing volumes / Other:___ / Anticipated Purge Intake Depth:

Purge Equipment: Disposable Bailer / Electric Submersible / Peristaltic Pump / (Bladder Pump) / Other:___

Sample Collection Method: Disposable Bailer / Extraction Port / (Dedicated Tubing) / ~~Disposable Tubing~~ / Other:___

Water Column Height (ft): 12.53 (4") X Conversion Factor (gal/ft): 0.66 = Casing Volume (gal): 8.27

Casing Volume (gal):___ X Specified Volumes:___ = Calculated Purge (gal):___

Conversion Factors (gal/ft): 2" = 0.17 4" = 0.66 6" = 1.5 8" = 2.6 Other = radius^2 * 0.163

Purge: **Start Time:** 1330 **Stop Time:** 1700

Time	Temp (°C)	pH	Conductivity (µS/cm)	ORP (mV)	Turbidity (NTU)	D.O. (mg/L)	Volume Purged (mL)	Water Level (for Low-Flow only)
Pre-Purge								131.31
1608	17.95	5.25	0.979	232	0.0	2.22	50	131.28
1611	17.79	5.25	0.980	234	0.0	2.38	150	131.27
1614	17.79	5.25	0.977	233	0.0	2.26	250	131.26
(12) HOT								
Post-Purge								131.24

Did Well dewater? Yes (No) Total Purge volume (mL): 250

Intake Depth During Purge: 160.01 Intake Depth After Purge: 160.01 Sample Intake Depth: 160.01

Other Comments: flow through cell disconnected prior to taking sample

Flow Rate: $\frac{250\ mL}{6\ min} = 41.67\ \frac{mL}{min}$

*Note: Bailed for two hours & could not overcome recharge rate

Sample Info:

Sample ID:	MW-5D-20200123	Sample Date and Time:	1/23/20 1630
Selected Analysis:	See COC		

This form was provided by Antea Group and completed by: (Print Full Name) Leo Karz

Signature: ___ Date: 1/23/20

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LNAPL= light non-aqueous phase liquids
bgs = below ground surface
ORP = Oxidation-Reduction Potential
D.O.= dissolved oxygen

mL= milliliters
temp = temperature
NTU = Nephelometric Turbidity Units
mV = millivolts

Groundwater Sampling Form

Site Address:	ARCO Station #465, 151 Southgate Ave, Daly City, CA		
Project No:	00465EA191	Field Technician:	ED
Field Point:	MW-4	Date:	1/24/20
Screened Interval (ft):	38-60	Well Diameter (in):	2 (4) 6 8
Depth to Water (DTW) (ft BTOC):	57.62	Depth to LNAPL (ft BTOC): Thickness of LNAPL (ft):	—
Total Depth of Well (ft BTOC):	60.02	Water Column Height (ft):	2.38

Purging Info and Calculations:

Purge Method:
(Low-Flow)
3 casing volumes
Other:_____
Anticipated Purge Intake Depth:

Purge Equipment:
Disposable Bailer
Electric Submersible
Peristaltic Pump
(Bladder Pump)
Other:_____

Sample Collection Method:
Disposable Bailer
Extraction Port
(Dedicated Tubing)
Disposable Tubing
Other:_____

Water Column Height (ft):_____ X Conversion Factor (gal/ft):_____ = Casing Volume (gal):_____

Casing Volume (gal):_____ X Specified Volumes:_____ = Calculated Purge (gal):_____

Conversion Factors (gal/ft): 2" = 0.17 4" = 0.66 6" = 1.5 8" = 2.6 Other = radius^2 * 0.163

Purge: **Start Time:** 1546 **Stop Time:** 1600

Time	Temp (°C)	pH	Conductivity (µS/cm)	ORP (mV)	Turbidity (NTU)	D.O. (mg/L)	Volume Purged (mL)	Water Level (for Low-Flow only)
Pre-Purge								57.60
1550	18.35	7.04	0.681	78	32.3	1.88	50	57.60
1553	17.76	6.54	0.630	69	29.4	1.44	305	57.60
1556	17.74	6.61	0.630	63	29.3	1.60	560	57.61
1559	17.83	6.63	0.629	61	31.2	1.52	815	57.61
Post-Purge								57.61

Did Well dewater? Yes (No) Total Purge volume (mL): 815

Intake Depth During Purge: 58 ft Intake Depth After Purge: 58 ft Sample Intake Depth: 58 ft

Other Comments: flow through cell disconnected prior to taking sample

Flow Rate: 85 mL/min

Sample Info:

Sample ID: MW-4-20200124 Sample Date and Time: 1/24/20 ~~1601~~ 1601

Selected Analysis: see coc

This form was provided by Antea Group and completed by: (Print Full Name) Elizabeth Diaz

Signature: _____ Date: 1/24/20

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LNAPL= light non-aqueous phase liquids
bgs = below ground surface
ORP = Oxidation-Reduction Potential
D.O.= dissolved oxygen

mL= milliliters
temp = temperature
NTU = Nephelometric Turbidity Units
mV = millivolts

Groundwater Sampling Form

Site Address:	HRC station 465, 157 Southgate Ave, Daly City		
Project No:	MW-6D	Field Technician:	ED
Field Point:	MW-6D	Date:	1/21/20
Screened Interval (ft):	149 - 169	Well Diameter (in):	2 (4) 6 8 ___
Depth to Water (DTW) (ft bgs):	131.47	Depth to LNAPL (ft BTOC) Thickness of LNAPL (ft):	—
Total Depth of Well (ft BTOC):	165.8	Water Column Height (ft):	— 34.33

Purging Info and Calculations:

Purge Method:
(Low-Flow) 3 casing volumes
Other:_____

Purge Equipment:
Disposable Bailer
Electric Submersible
Peristaltic Pump
(Bladder Pump)
Other:_____

Sample Collection Method:
Disposable Bailer
Extraction Port
(Dedicated Tubing)
Disposable Tubing
Other:_____

Water Column Height (ft): 14.53 X Conversion Factor (gal/ft): 0.64 = Casing Volume (gal): 9.5 gal

Casing Volume (gal): 9.5 X Specified Volumes: 1 = Calculated Purge (gal): 9.5

Conversion Factors (gal/ft): 2" = 0.17 4" = 0.66 6" = 1.5 8" = 2.6 Other = radius^2 * 0.163

Purge: **Start Time:** ~~1250~~ 1345 **Stop Time:** 1400

Time	Temp (°C)	pH	Conductivity (µS/cm)	ORP (mV)	Turbidity (NTU)	D.O. (mg/L)	Volume Purged (mL)	Water Level (for Low-Flow only)
Pre-Purge								134.06
~~1320~~ 1348	17.32	6.01	~~145~~ 0.000	198	214	9.30	80	134.06
~~1323~~ 1351	17.36	6.02	0.001	192	223	9.28	215	134.09
1354	17.31	6.04	0.001	194	217	9.27	360	134.14
1357	17.24	6.09	0.001	197	214	9.24	505	134.54
			ED					
Post-Purge								134.54

Did Well dewater? Yes (No) Total Purge volume (mL): 505 Depth: 155.50ft for all

Other Comments: disconnected flow-through cell prior to sampling: 48.3 mL/min | purged 9 gallons — stagnat water above screen!

Sample Info:

Sample ID:	MW-6D_20200121	Sample Date and Time:	1/21/20 1407
Selected Analysis:	See COC		

This form was provided by Antea Group and completed by: (Print Full Name) Elizabeth Dion

Signature: _____ Date: 1/21/20

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LNAPL= light non-aqueous phase liquids
bgs = below ground surface
ORP = Oxidation-Reduction Potential
D.O.= dissolved oxygen

gal = gallon/s
temp = temperature
NTU = Nephelometric Turbidity Units
mV = millivolts

Groundwater Sampling Form

Site Address:	ARCO Station #465, 151 Southgate Ave, Daly City, CA		
Project No:	00465EA191	Field Technician:	ED
Field Point:	MW-7	Date:	1/23/20
Screened Interval (ft):	45-60	Well Diameter (in):	(2) 4 6 8
Depth to Water (DTW) (ft BTOC):	53.01	Depth to LNAPL (ft BTOC): Thickness of LNAPL (ft):	—
Total Depth of Well (ft BTOC):	58.57	Water Column Height (ft):	5.52

Purging Info and Calculations:

Purge Method:
(Low-Flow)
3 casing volumes
Other:

Anticipated Purge Intake Depth:

Purge Equipment:
Disposable Bailer
Electric Submersible
Peristaltic Pump
(Bladder Pump)
Other:

Sample Collection Method:
Disposable Bailer
Extraction Port
(Dedicated Tubing)
Disposable Tubing
Other:

Water Column Height (ft): — X Conversion Factor (gal/ft): — = Casing Volume (gal): —

Casing Volume (gal): — X Specified Volumes: — = Calculated Purge (gal): —

Conversion Factors (gal/ft): 2" = 0.17 4" = 0.66 6" = 1.5 8" = 2.6 Other = radius^2 * 0.163

Purge: **Start Time:** 1540 **Stop Time:** 1609

Time	Temp (°C)	pH	Conductivity (µS/cm)	ORP (mV)	Turbidity (NTU)	D.O. (mg/L)	Volume Purged (mL)	Water Level (for Low-Flow only)
Pre-Purge								52.97
1554	18.54	6.99	0.000	172	220	8.93	50	52.98
1558	18.53	7.12	0.548	172	181	6.44	170	52.98
1601	18.52	7.06	0.44	168	180	6.15	220	52.99
1604	18.18	7.01	0.52	174	190	6.30	395	52.99
1607	18.20	7.02	0.54	186	184	5.98	575	53.03
Post-Purge								53.03

Did Well dewater? Yes (No) Total Purge volume (mL): 575

Intake Depth During Purge: 56.0 Intake Depth After Purge: 56.0 Sample Intake Depth: 56.0

Other Comments: flow through cell disconnected prior to taking sample

Flow Rate: ~~~ 40 mL/min

Sample Info:

Sample ID: MW-7_20200123 Sample Date and Time: 1/23/20 1610

Selected Analysis: See COC

This form was provided by Antea Group and completed by: (Print Full Name) Elizabeth Dias

Signature: Date: 1/23/20

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LNAPL= light non-aqueous phase liquids
bgs = below ground surface
ORP = Oxidation-Reduction Potential
D.O.= dissolved oxygen

mL= milliliters
temp = temperature
NTU = Nephelometric Turbidity Units
mV = millivolts

Groundwater Sampling Form

Site Address:	ARCO Station #465, 151 Southgate Ave, Daly City, CA		
Project No:	00465EA191	Field Technician:	ED
Field Point:	MW-7D	Date:	1/22/20
Screened Interval (ft):	140-160	Well Diameter (in):	~~2~~ ~~3~~ (4) 6 8 ___
Depth to Water (DTW) (ft BTOC):	~~124.73~~ 142.67	Depth to LNAPL (ft BTOC): Thickness of LNAPL (ft):	—
Total Depth of Well (ft BTOC):	~~160~~ 163.49	Water Column Height (ft):	20.82

Purging Info and Calculations:

Purge Method:

(Low-Flow)
3 casing volumes
Other:_____

Anticipated Purge Intake Depth:

Purge Equipment:

Disposable Bailer
Electric Submersible
Peristaltic Pump
(Bladder Pump)
Other:_____

Sample Collection Method:

Disposable Bailer
Extraction Port
(Dedicated Tubing)
~~Disposable Tubing~~
Other:_____

(ED) 9.24 gal purged!

Water Column Height (ft): ~~23.44~~ 14 X Conversion Factor (gal/ft): ~~0.66~~ 0.66 = Casing Volume (gal): ~~15.5034~~

Casing Volume (gal): 9.24 X Specified Volumes: 1 = Calculated Purge (gal): 9.24

Conversion Factors (gal/ft): 2" = 0.17 4" = 0.66 6" = 1.5 8" = 2.6 Other = radius^2 * 0.163

Purge: **Start Time:** 1430 **Stop Time:** 1455

Time	Temp (°C)	pH	Conductivity (µS/cm)	ORP (mV)	Turbidity (NTU)	D.O. (mg/L)	Volume Purged (mL)	Water Level (for Low-Flow only)
Pre-Purge								142.67
1442	20.93	6.79	0.378	93	8.2	6.48	70	142.67
1445	20.50	6.74	0.379	98	7.2	6.84	160	142.67
1448	20.41	6.72	0.262	95	4.1	6.51	390	144.61
1451	20.37	6.70	0.265	94	4.7	6.04	540	144.72
1454	20.50	6.73	0.259	93	4.9	5.74	730	144.75
Post-~~Purge~~								144.75

Did Well dewater? Yes (No) Total Purge volume (mL): 730 + 9.24 gallons

Intake Depth During Purge: 150ft Intake Depth After Purge: 150ft Sample Intake Depth: 150 ft

Other Comments: flow through cell disconnected prior to taking sample

Flow Rate: 63.3 mL/min / purged 15 gallons due ~~to~~ b.c 28.49 feet of water above screen— stagnat water!

Sample Info:

Sample ID:	MW-7D-20200122	Sample Date and Time:	1/22/20 1457
Selected Analysis:	See COC		

This form was provided by Antea Group and completed by: (Print Full Name) Elizabeth Dion

Signature: _____ Date: 1/22/20

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LNAPL= light non-aqueous phase liquids
bgs = below ground surface
ORP = Oxidation-Reduction Potential
D.O.= dissolved oxygen

mL= milliliters
temp = temperature
NTU = Nephelometric Turbidity Units
mV = millivolts

Groundwater Sampling Form

Site Address:	ARCO Station #465, 151 Southgate Ave, Daly City, CA		
Project No:	00465EA191	Field Technician:	~~EP~~
Field Point:	MW-8	Date:	1/24/20
Screened Interval (ft):	41.0 - 56.0	Well Diameter (in):	(2) 4 6 8 ___
Depth to Water (DTW) (ft BTOC):	52.38	Depth to LNAPL (ft BTOC): Thickness of LNAPL (ft):	—
Total Depth of Well (ft BTOC):	54.11	Water Column Height (ft):	3.73

Purging Info and Calculations:

Purge Method:
(Low-Flow)
~~3 casing volumes~~
Other:_____
Anticipated Purge Intake Depth:

Purge Equipment:
Disposable Bailer
Electric Submersible
~~Peristaltic Pump~~
(Bladder Pump)
Other:_____

Sample Collection Method:
Disposable Bailer
Extraction Port
(Dedicated Tubing)
~~Disposable Tubing~~
Other:_____

Water Column Height (ft):_____ X Conversion Factor (gal/ft):_____ = Casing Volume (gal):_____

Casing Volume (gal):_____ X Specified Volumes:_____ = Calculated Purge (gal):_____

Conversion Factors (gal/ft): 2" = 0.17 4" = 0.66 6" = 1.5 8" = 2.6 Other = radius^2 * 0.163

Purge: **Start Time:** ~~1345~~ 1337 **Stop Time:** 1400

Time	Temp (°C)	pH	Conductivity (µS/cm)	ORP (mV)	Turbidity (NTU)	D.O. (mg/L)	Volume Purged (mL)	Water Level (for Low-Flow only)
Pre-Purge								52.41
1345	20.02	6.74	1.13	105	24.6	5.73	100	52.41
1348	20.19	6.73	1.12	107	27.9	5.84	320	52.40
1351	~~19~~.91	6.77	1.13	104	28.0	5.87	~~5~~565	52.41
1354	20.07	6.77	1.13	104	27.8	5.83	810	52.42
Post-Purge								52.42

Did ~~Well~~ dewater? Yes (No) Total Purge volume (mL): 810

Intake Depth During Purge: 54 ft Intake Depth After Purge: 54 ft Sample Intake Depth: 54 ft

Other Comments: flow through cell disconnected prior to taking sample

Flow Rate: 81.4 mL/min

Sample Info:

Sample ID:	MW-8_20200124	Sample Date and Time:	1/24/20 1404
Selected Analysis:	See COC		

This form was provided by Antea Group and completed by: (Print Full Name) Elizabeth Diaz

Signature: _____ Date: 1/24/20

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LNAPL= light non-aqueous phase liquids
bgs = below ground surface
ORP = Oxidation-Reduction Potential
D.O.= dissolved oxygen

mL= milliliters
temp = temperature
NTU = Nephelometric Turbidity Units
mV = millivolts

Groundwater Sampling Form

Site Address:	ARCO Station #465, 151 Southgate Ave, Daly City, CA		
Project No:	00465EA191	Field Technician:	ED
Field Point:	MW-9	Date:	1/22/20
Screened Interval (ft):	39-49	Well Diameter (in):	2 4 6 8 ___
Depth to Water (DTW) (ft BTOC):	45.52	Depth to LNAPL (ft BTOC): Thickness of LNAPL (ft):	—
Total Depth of Well (ft BTOC):	50.45	Water Column Height (ft):	4.93

Purging Info and Calculations:

Purge Method:
Low-Flow
3 casing volumes
Other:_____
Anticipated Purge Intake Depth:

Purge Equipment:
Disposable Bailer
Electric Submersible
Peristaltic Pump
Bladder Pump
Other:_____

Sample Collection Method:
Disposable Bailer
Extraction Port
Dedicated Tubing
Disposable Tubing
Other:_____

Water Column Height (ft):_____ X Conversion Factor (gal/ft):_____ = Casing Volume (gal):_____

Casing Volume (gal):_____ X Specified Volumes:_____ = Calculated Purge (gal):_____

Conversion Factors (gal/ft): 2" = 0.17 4" = 0.66 6" = 1.5 8" = 2.6 Other = radius^2 * 0.163

Purge: **Start Time:** 1247 **Stop Time:** 1310

Time	Temp (°C)	pH	Conductivity (µS/cm)	ORP (mV)	Turbidity (NTU)	D.O. (mg/L)	Volume Purged (mL)	Water Level (for Low-Flow only)
Pre-Purge								50.49
1251	20.96	6.63	1.31	-73	112	4.25	50	50.49
1254	20.93	6.46	1.29	-67	77	2.49	170	50.49
1258	20.97	6.43	1.21	-64	60	1.76	290	50.49
1301	20.99	6.66	1.29	-60	61	2.44	370	50.51
1304	20.87	6.65	1.29	-59	54	2.40	420	50.52
1307	20.42	6.69	1.31	-62	59	2.47	560	50.52
Post-Purge								50.52

Did Well dewater? Yes (No) Total Purge volume (mL): 560

Intake Depth During Purge: 48.00ft Intake Depth After Purge: 48.00ft Sample Intake Depth: 48.00ft

Other Comments: flow through cell disconnected prior to taking sample

Flow Rate: 46.6 mL/min

Sample Info:

Sample ID:	MW-9_20200122	Sample Date and Time:	1/22/20 1320
Selected Analysis:	See COC		

This form was provided by Antea Group and completed by: (Print Full Name) Elizabeth Dion

Signature: _____ Date: 1/22/20

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LNAPL= light non-aqueous phase liquids
bgs = below ground surface
ORP = Oxidation-Reduction Potential
D.O.= dissolved oxygen

mL= milliliters
temp = temperature
NTU = Nephelometric Turbidity Units
mV = millivolts

Groundwater Sampling Form

Site Address:	BP 465 ; 151 Westlake Ave, Daly City		
Project No:	465	Field Technician:	ED
Field Point:	MW-9D	Date:	1/22/20
Screened Interval (ft):	135-155	Well Diameter (in):	(2) 4 6 8 ___
Depth to Water (DTW) (ft bgs):	122.13	Depth to LNAPL (ft BTOC) / Thickness of LNAPL (ft):	—
Total Depth of Well (ft BTOC):	156.46	Water Column Height (ft):	34.43

Purging Info and Calculations:

Purge Method: (Low-Flow) / ~~3 casing volumes~~ Other:_____

Purge Equipment: Disposable Bailer / Electric Submersible / Peristaltic Pump / (Bladder Pump) Other:_____

Sample Collection Method: Disposable Bailer / Extraction Port / (Dedicated Tubing) / ~~Disposable Tubing~~ Other:_____

Water Column Height (ft): 12.88 X Conversion Factor (gal/ft): 0.17 = Casing Volume (gal): 2.18

Casing Volume (gal): 2.18 X Specified Volumes: 1 = Calculated Purge (gal): 2.18

Conversion Factors (gal/ft): 2" = 0.17 4" = 0.66 6" = 1.5 8" = 2.6 Other = radius^2 * 0.163

Purge: **Start Time:** 0836 **Stop Time:** 0914

Time	Temp (°C)	pH	Conductivity (µS/cm)	ORP (mV)	Turbidity (NTU)	D.O. (mg/L)	Volume Purged (mL)	Water Level (for Low-Flow only)
Pre-Purge								136.15
0819	13.66	6.78	0.666	55	90.1	7.29	25	136.15
0822	13.70	6.64	0.967	40	443	7.39	50	136.16
0825	13.71	6.64	1.00	49	444	5.81	125	136.17
0828	13.83	6.67	1.01	53	700	5.41	140	136.17
0831	13.97	6.67	1.03	58	643	5.08	170	136.17
0834	13.99	6.84	1.04	54	529	4.30	250	136.19
0837	14.18	6.82	1.07	54	470	3.1	350	136.18
0840	14.18	6.81	1.07	61	443	2.9	450	136.18
Post-Purge								136.21

Did Well dewater? Yes (No) Total Purge volume (mL): 840

Other Comments: disconnected flow-through cell prior to sampling

33 mL/min

Initial depth: 135 ft
Sample depth: 145 ft

Sample Info:

Sample ID:	MW-9D 20200122	Sample Date and Time:	1/22/20 0915
Selected Analysis:	See COC		

This form was provided by Antea Group and completed by: (Print Full Name) Elizabeth Diaz

Signature: _____ Date: 1/22/20

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LNAPL= light non-aqueous phase liquids
bgs = below ground surface
ORP = Oxidation-Reduction Potential
D.O.= dissolved oxygen

gal = gallon/s
temp = temperature
NTU = Nephelometric Turbidity Units
mV = millivolts

Groundwater Sampling Form

Site Address:	BP 465; 157 Southgate Ave		
Project No:	465	Field Technician:	ED
Field Point:	MW-9D	Date:	1/22/20
Screened Interval (ft):	135 - 155	Well Diameter (in):	(2) 4 6 8 ___
Depth to Water (DTW) (ft bgs):	122.13	Depth to LNAPL (ft BTOC) Thickness of LNAPL (ft):	—
Total Depth of Well (ft BTOC):	152.66	Water Column Height (ft):	34.43

Purging Info and Calculations:

Purge Method:
(Low-Flow)
3 casing volumes
Other:_____

Purge Equipment:
Disposable Bailer
Electric Submersible
Peristaltic Pump
(Bladder Pump)
Other:_____

Sample Collection Method:
Disposable Bailer
Extraction Port
(Dedicated Tubing)
Disposable Tubing
Other:_____

Water Column Height (ft): 12.88 X Conversion Factor (gal/ft): 0.17 = Casing Volume (gal): 2.19

Casing Volume (gal): 2.18 X Specified Volumes: 1 = Calculated Purge (gal): 2.18

Conversion Factors (gal/ft): 2" = 0.17 4" = 0.66 6" = 1.5 8" = 2.6 Other = radius^2 * 0.163

Purge: **Start Time:** 0835 **Stop Time:** 0914

Time	Temp (°C)	pH	Conductivity (µS/cm)	ORP (mV)	Turbidity (NTU)	D.O. (mg/L)	Volume Purged (mL)	Water Level (for Low-Flow only)
Pre-Purge								136.18
0844	14.17	6.82	1.07	62	394	2.80	558	136.18
—	STOP PURGE — lower down to 145 feet —							
0905	14.04	6.80	1.09	71	257	1.90	590	136.19
0908	14.05	6.83	1.09	71	236	1.79	670	136.20
0911	14.07	6.82	1.09	72	224	1.65	740	136.20
0914	14.12	6.82	1.09	72	187	1.65	840	136.21
Post-Purge								136.21

Did Well dewater? Yes (No) Total Purge volume (mL): 840

Other Comments: disconnected flow-through cell prior to sampling

33.3 mL/min

Initial depth: 135.00 ft
Sample depth: 145 ft

Sample Info:

Sample ID:	MW9D_20200122	Sample Date and Time:	1/22/20 0915
Selected Analysis:	See COC		

This form was provided by Antea Group and completed by: (Print Full Name) Elizabeth Diaz

Signature: _____ Date: 1/22/20

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LNAPL= light non-aqueous phase liquids
bgs = below ground surface
ORP = Oxidation-Reduction Potential
D.O.= dissolved oxygen

gal = gallon/s
temp = temperature
NTU = Nephelometric Turbidity Units
mV = millivolts

Groundwater Sampling Form

Site Address:	ARCO Station #465, 151 Southgate Ave, Daly City, CA		
Project No:	00465EA191	Field Technician:	EP
Field Point:	MW-12	Date:	~~12/6/20~~ 1/4/2020 (A)
Screened Interval (ft):	39-58	Well Diameter (in):	2 (4) 6 8
Depth to Water (DTW) (ft BTOC):	56.07	Depth to LNAPL (ft BTOC): Thickness of LNAPL (ft):	—
Total Depth of Well (ft BTOC):	58.36	Water Column Height (ft):	2.29

Purging Info and Calculations:

Purge Method: (Low-Flow) 3 casing volumes; Other:_____; Anticipated Purge Intake Depth:

Purge Equipment: Disposable Bailer; Electric Submersible; Peristaltic Pump; (Bladder Pump); Other:_____

Sample Collection Method: Disposable Bailer; Extraction Port; (Dedicated Tubing); Disposable Tubing; Other:_____

Water Column Height (ft):_____ X Conversion Factor (gal/ft):_____ = Casing Volume (gal):_____

Casing Volume (gal):_____ X Specified Volumes:_____ = Calculated Purge (gal):_____

Conversion Factors (gal/ft): 2" = 0.17 4" = 0.66 6" = 1.5 8" = 2.6 Other = radius² * 0.163

Purge: Start Time: 0900 Stop Time: 0948

Time	Temp (°C)	pH	Conductivity (µS/cm)	ORP (mV)	Turbidity (NTU)	D.O. (mg/L)	Volume Purged (mL)	Water Level (for Low-Flow only)
Pre-Purge								56.10
0935	14.28	5.12	0.001	248	242	9.90	50	56.10
0938	14.30	5.13	0.001	249	248	9.88	270	56.13
0941	14.36	5.17	0.016	180	84	8.03	490	456.13
0943	14.68	5.80	0.106	184	81.3	8.12	570	56.14
0946	14.69	5.59	0.141	191	86.8	7.95	735	56.17
					(ED)			
Post-Purge								56.17

Did Well dewater? Yes (No) Total Purge volume (mL): 735

Intake Depth During Purge: 57.50ft Intake Depth After Purge: 57.50ft Sample Intake Depth: 57.50ft

Other Comments: flow through cell disconnected prior to taking sample

Flow Rate: 55 mL/min

Sample Info:

Sample ID: MW-12-20200121 Sample Date and Time: 1/21/20 0952

Selected Analysis: SEE COC

This form was provided by Antea Group and completed by: (Print Full Name) Elizabeth Diaz

Signature: _____ Date: 1/21/20

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LNAPL= light non-aqueous phase liquids
bgs = below ground surface
ORP = Oxidation-Reduction Potential
D.O.= dissolved oxygen

mL= milliliters
temp = temperature
NTU = Nephelometric Turbidity Units
mV = millivolts

Groundwater Sampling Form

Site Address:	ARCO Station #465, 151 Southgate Ave, Daly City, CA		
Project No:	00465EA191	Field Technician:	Leo Karcz
Field Point:	MW-16	Date:	1/23/20
Screened Interval (ft):	52.5-62.5	Well Diameter (in):	(2) 4 6 8 ___
Depth to Water (DTW) (ft BTOC):	49.00	Depth to LNAPL (ft BTOC): Thickness of LNAPL (ft):	—
Total Depth of Well (ft BTOC):	61.97	Water Column Height (ft):	12.97

Purging Info and Calculations:

Purge Method: (Low-Flow) ~~3 casing volumes~~ (1.2L/m) Other:

Purge Equipment: Disposable Bailer, Electric Submersible, Peristaltic Pump, (Bladder Pump) Other:

Sample Collection Method: Disposable Bailer, Extraction Port, (Dedicated Tubing), ~~Disposable Tubing~~ Other:

Anticipated Purge Intake Depth:

Water Column Height (ft): 3.5 X Conversion Factor (gal/ft): 0.17 = Casing Volume (gal): 0.595

Casing Volume (gal): 0.595 X Specified Volumes: 3 = Calculated Purge (gal): 1.785

Conversion Factors (gal/ft): 2" = 0.17 4" = 0.66 6" = 1.5 8" = 2.6 Other = radius^2 * 0.163

Purge: **Start Time:** 0812 **Stop Time:** 1033

Time	Temp (°C)	pH	Conductivity (µS/cm)	ORP (mV)	Turbidity (NTU)	D.O. (mg/L)	Volume Purged (mL)	Water Level (for Low-Flow only)
Pre-Purge								51.49
1010	17.33	9.22	1.72	-127	32.0	1.51	80	50.94
1013	17.95	9.12	1.71	-133	29.0	1.06	350	50.79
1016	17.72	9.18	1.71	-137	27.6	0.90	600	50.66
1019	17.60	9.17	1.71	-139	22.5	0.86	710	50.56
1022	17.71	9.14	1.71	-140	20.9	0.69	900	50.58
1025	17.78	9.09	1.71	-140	20.1	0.61	1375	50.68
1028	17.99	9.06	1.72	-140	16.7	0.55	1550	50.68
1031	17.85	9.04	1.71	-140	15.3	0.60	1700	50.57
Post-Purge								50.63

Did Well dewater? Yes (No) Total Purge volume (mL): 1700

Intake Depth During Purge: 55.10 Intake Depth After Purge: 55.10 Sample Intake Depth: 55.10

Other Comments: flow through cell disconnected prior to taking sample

Flow Rate: 1700mL / 21 min = 80.95 mL/min

*Note: 2 hours of bailing & still water above the screen

Sample Info:

Sample ID:	MW-16-20200123	Sample Date and Time:	1/23/20 1635
Selected Analysis:	See COC		

This form was provided by Antea Group and completed by: (Print Full Name) Leo Karcz

Signature: Leo Karcz Date: 1/23/20

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LNAPL= light non-aqueous phase liquids
bgs = below ground surface
ORP = Oxidation-Reduction Potential
D.O.= dissolved oxygen

mL= milliliters
temp = temperature
NTU = Nephelometric Turbidity Units
mV = millivolts

Groundwater Sampling Form

Site Address:	ARCO Station #465, 151 Southgate Ave, Daly City, CA		
Project No:	00465EA191	Field Technician:	Leo Karcz
Field Point:	MW-16D	Date:	1/21/20
Screened Interval (ft):	129-149	Well Diameter (in):	(2) 4 6 8 ___
Depth to Water (DTW) (ft BTOC):	134.61	Depth to LNAPL (ft BTOC): Thickness of LNAPL (ft):	—
Total Depth of Well (ft BTOC):	149.51	Water Column Height (ft):	14.9

Purging Info and Calculations:

Purge Method: (Low-Flow) 3 casing volumes; Other:_____; Anticipated Purge Intake Depth:

Purge Equipment: Disposable Bailer; Electric Submersible; Peristaltic Pump; (Bladder Pump); Other:_____

Sample Collection Method: Disposable Bailer; Extraction Port; (Dedicated Tubing); Disposable Tubing; Other:_____

Water Column Height (ft):— X Conversion Factor (gal/ft):— = Casing Volume (gal):—

Casing Volume (gal):— X Specified Volumes:— = Calculated Purge (gal):—

Conversion Factors (gal/ft): 2" = 0.17 4" = 0.66 6" = 1.5 8" = 2.6 Other = radius^2 * 0.163

Purge: **Start Time:** 1029 **Stop Time:** 1640

Time	Temp (°C)	pH	Conductivity (µS/cm)	ORP (mV)	Turbidity (NTU)	D.O. (mg/L)	Volume Purged (mL)	Water Level (for Low-Flow only)
Pre-Purge								134.78
1547	14.84	6.94	1.26	239	270	5.44	10	134.70
1550	14.78	6.81	1.25	244	248	5.33	30	134.72
1553	14.70	6.69	1.25	249	265	5.55	50	134.71
1556	14.46	6.59	1.25	251	253	7.35	100	134.71
1559	14.60	6.53	1.25	252	230	6.64	125	134.71
1602	14.44	6.46	1.26	255	227	6.84	150	134.71
1605	14.41	6.43	1.26	256	225	~~7.06~~ 6.94	155	134.71
1608	14.36	6.42	1.26	242	211	7.06	175	134.74
Post-Purge								—

Did Well dewater? Yes (No) Total Purge volume (mL): 260

Intake Depth During Purge: 140.06 Intake Depth After Purge: 140.06 Sample Intake Depth: 140.06

Other Comments: flow through cell disconnected prior to taking sample

Flow Rate: $\frac{260\ mL}{35\ min} = 7.43\ \frac{mL}{min}$

Sample Info:

Sample ID:	MW-16D_20200121	Sample Date and Time:	1/21/20 1630
Selected Analysis:	See COC		

This form was provided by Antea Group and completed by: (Print Full Name) Leo Karcz

Signature: _____ Date: 1/21/20

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LNAPL= light non-aqueous phase liquids
bgs = below ground surface
ORP = Oxidation-Reduction Potential
D.O.= dissolved oxygen
mL= milliliters
temp = temperature
NTU = Nephelometric Turbidity Units
mV = millivolts

Groundwater Sampling Form

Site Address:	ARCO Station #465, 151 Southgate Ave, Daly City, CA		
Project No:	00465EA191	Field Technician:	Leo Karcz
Field Point:	~~LGD~~ MW-16D	Date:	1/21/20
Screened Interval (ft):	129-149	Well Diameter (in):	(2) 4 6 8 ___
Depth to Water (DTW) (ft BTOC):	134.61	Depth to LNAPL (ft BTOC): Thickness of LNAPL (ft):	—
Total Depth of Well (ft BTOC):	149.51	Water Column Height (ft):	14.9

Purging Info and Calculations:

Purge Method:

(Low-Flow)
3 casing volumes
Other:_____

Anticipated Purge Intake Depth:

Purge Equipment:

Disposable Bailer
Electric Submersible
Peristaltic Pump
(Bladder Pump)
Other:_____

Sample Collection Method:

Disposable Bailer
Extraction Port
(Dedicated Tubing)
Disposable Tubing
Other:_____

Water Column Height (ft):— X Conversion Factor (gal/ft):— = Casing Volume (gal):—

Casing Volume (gal):— X Specified Volumes:— = Calculated Purge (gal):—

Conversion Factors (gal/ft): 2" = 0.17 4" = 0.66 6" = 1.5 8" = 2.6 Other = radius^2 * 0.163

Purge: **Start Time:** 1029 **Stop Time:** 1640 1490

Time	Temp (°C)	pH	Conductivity (µS/cm)	ORP (mV)	Turbidity (NTU)	D.O. (mg/L)	Volume Purged (mL)	Water Level (for Low-Flow only)
Pre-Purge								—
1611	14.22	6.34	1.26	253	1.98	5.51	190	134.72
1614	14.19	6.29	1.26	255	200	5.48	215	134.72
1617	14.14	6.25	1.26	257	197	5.45	240	134.72
1620	14.09	6.23	1.26	257	186	5.46	266	134.70
Post-Purge								134.74

Did Well dewater? Yes (No) Total Purge volume (mL): 260

Intake Depth During Purge: 146.06 Intake Depth After Purge: 140.06 Sample Intake Depth: 140.06

Other Comments: flow through cell disconnected prior to taking sample

Flow Rate: 7.43 mL/min

Sample Info:

Sample ID:	MW-16D-20200121	Sample Date and Time:	1/21/20 1630
Selected Analysis:	See COC		

This form was provided by Antea Group and completed by: (Print Full Name) Leo Karcz

Signature: [signature] Date: 1/21/20

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LNAPL= light non-aqueous phase liquids
bgs = below ground surface
ORP = Oxidation-Reduction Potential
D.O.= dissolved oxygen
mL= milliliters
temp = temperature
NTU = Nephelometric Turbidity Units
mV = millivolts

Groundwater Sampling Form

Site Address:	ARCO Station #465, 151 Southgate Ave, Daly City, CA		
Project No:	00465EA191	Field Technician:	Leo Karcz
Field Point:	MW-17	Date:	1/24/20
Screened Interval (ft):	48-58	Well Diameter (in):	(2) 4 6 8 ___
Depth to Water (DTW) (ft BTOC):	53.72	Depth to LNAPL (ft BTOC): Thickness of LNAPL (ft):	—
Total Depth of Well (ft BTOC):	57.92	Water Column Height (ft):	4.2

Purging Info and Calculations:

Purge Method:

Low-Flow
3 casing volumes
Other:_____

Anticipated Purge Intake Depth:

Purge Equipment:

Disposable Bailer
Electric Submersible
Peristaltic Pump
Bladder Pump
Other:_____

LC

Sample Collection Method:

Disposable Bailer
Extraction Port
Dedicated Tubing
Disposable Tubing
Other:_____

Water Column Height (ft):_____ X Conversion Factor (gal/ft):_____ = Casing Volume (gal):_____

Casing Volume (gal):_____ X Specified Volumes:_____ = Calculated Purge (gal): _____

Conversion Factors (gal/ft): 2" = 0.17 4" = 0.66 6" = 1.5 8" = 2.6 Other = radius^2 * 0.163

Purge: **Start Time:**_____ **Stop Time:**_____

Time	Temp (°C)	pH	Conductivity (µS/cm)	ORP (mV)	Turbidity (NTU)	D.O. (mg/L)	Volume Purged (mL)	Water Level (for Low-Flow only)
Pre-Purge								
			LC					
Post-Purge								

Did Well dewater? Yes No Total Purge volume (mL):

Intake Depth During Purge:_____ Intake Depth After Purge:_____ Sample Intake Depth:_____

Other Comments: flow through cell disconnected prior to taking sample

Flow Rate:

Spent 3 hours trying to remove tubing with no luck. Unable to sample

Sample Info:

Sample ID:	—	Sample Date and Time:	—
Selected Analysis:	—		

This form was provided by Antea Group and completed by: (Print Full Name) Leo Karcz

Signature: Leo Karcz Date: 1/24/20

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LNAPL= light non-aqueous phase liquids
bgs = below ground surface
ORP = Oxidation-Reduction Potential
D.O.= dissolved oxygen

mL= milliliters
temp = temperature
NTU = Nephelometric Turbidity Units
mV = millivolts

Groundwater Sampling Form

Site Address:	ARCO Station #465, 151 Southgate Ave, Daly City, CA		
Project No:	00465EA191	Field Technician:	Leo Karcz
Field Point:	MW-18	Date:	1/22/20
Screened Interval (ft):	54.5-64.5	Well Diameter (in):	(2) 4 6 8 ___
Depth to Water (DTW) (ft BTOC):	51.66	Depth to LNAPL (ft BTOC): Thickness of LNAPL (ft):	—
Total Depth of Well (ft BTOC):	63.91	Water Column Height (ft):	12.25

Purging Info and Calculations:

Purge Method: (Low-Flow) (12) ~~3 casing volumes~~ Other:_____

Purge Equipment: Disposable Bailer, Electric Submersible, Peristaltic Pump, (Bladder Pump) Other:_____

Sample Collection Method: Disposable Bailer, Extraction Port, (Dedicated Tubing) ~~Disposable Tubing~~ Other:_____

Anticipated Purge Intake Depth: (12) 2.84 Water Column Height (ft): 2.84 X Conversion Factor (gal/ft): 0.17 = Casing Volume (gal): 0.48

Casing Volume (gal): 0.48 X Specified Volumes: 3 = Calculated Purge (gal): 1.45

Conversion Factors (gal/ft): 2" = 0.17 4" = 0.66 6" = 1.5 8" = 2.6 Other = radius^2 * 0.163

Purge: **Start Time:** 1140 **Stop Time:** 1300

Time	Temp (°C)	pH	Conductivity (µS/cm)	ORP (mV)	Turbidity (NTU)	D.O. (mg/L)	Volume Purged (mL)	Water Level (for Low-Flow only)
Pre-Purge								52.20
1209	18.04	3.03	1.44	145	131	11.28	200	52.16
1212	18.17	2.93	1.58	147	132	3.72	220	52.14
1215	18.42	2.99	1.61	148	113	1.66	650	52.16
1218	18.43	6.53	1.63	-44	85.4	1.50	780	52.30
1221	18.73	6.52	1.61	-49	72.7	1.11	1000	52.28
1224	18.84	6.52	1.61	-55	59.4	0.75	1170	52.09
1227	18.82	6.62	1.61	-63	56.9	0.84	1250	52.03
1230	18.75	6.63	1.61	-64	55.7	0.82	1325	52.02
Post-Purge								51.92

Did Well dewater? Yes (No) Total Purge volume (mL):

Intake Depth During Purge: 57.4 Intake Depth After Purge: 57.4 Sample Intake Depth: 57.4

Other Comments: flow through cell disconnected prior to taking sample

Flow Rate: 1325 mL / 21 min = 63.09 mL/min

★ Pulled for 2 hours - could not get water (12) ~~screen~~ below screen

Sample Info:

Sample ID:	MW-18_20200122	Sample Date and Time:	1/22/20 1240
Selected Analysis:	See COC		

This form was provided by Antea Group and completed by: (Print Full Name) Leo Karcz

Signature: _____ Date: 1/22/20

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Antea™ Group, 1-800-477-7411

LNAPL= light non-aqueous phase liquids
bgs = below ground surface
ORP = Oxidation-Reduction Potential
D.O.= dissolved oxygen

mL= milliliters
temp = temperature
NTU = Nephelometric Turbidity Units
mV = millivolts

Groundwater Sampling Form

Site Address:	ARCO Station #465, 151 Southgate Ave, Daly City, CA		
Project No:	00465EA191	Field Technician:	Leo Karcz
Field Point:	MW-18D	Date:	1/22/20
Screened Interval (ft):	134 - 154	Well Diameter (in):	(2) 4 6 8 ___
Depth to Water (DTW) (ft BTOC):	137.97	Depth to LNAPL (ft BTOC): / Thickness of LNAPL (ft):	—
Total Depth of Well (ft BTOC):	147.55	Water Column Height (ft):	9.58

Purging Info and Calculations:

Purge Method:

Low-Flow
3 casing volumes
Other:_____

Anticipated Purge Intake Depth:

Purge Equipment:

Disposable Bailer
Electric Submersible
Peristaltic Pump
Bladder Pump
Other:_____

Sample Collection Method:

Disposable Bailer
Extraction Port
Dedicated Tubing
Disposable Tubing
Other:_____

Water Column Height (ft):— X Conversion Factor (gal/ft):— = Casing Volume (gal):—

Casing Volume (gal):— X Specified Volumes:— = Calculated Purge (gal):—

Conversion Factors (gal/ft): 2" = 0.17 4" = 0.66 6" = 1.5 8" = 2.6 Other = radius^2 * 0.163

Purge: **Start Time:** 1400 **Stop Time:** 1700

Time	Temp (°C)	pH	Conductivity (µS/cm)	ORP (mV)	Turbidity (NTU)	D.O. (mg/L)	Volume Purged (mL)	Water Level (for Low-Flow only)
(1400) **Pre-Purge**								138.05 (1700) 138.02
~~1235~~ 1521	16.08	5.45	1.14	186	11.1	4.37	10	~~138.04~~
1524	15.97	5.48	1.13	183	10.1	4.29	50	138.02
1527	15.71	5.51	1.13	180	10.1	4.67	70	138.05
Post-Purge								138.85

Did Well dewater? Yes (No) Total Purge volume (mL): 70

Intake Depth During Purge: 151.61 Intake Depth After Purge: 151.61 Sample Intake Depth: 151.61

Other Comments: flow through cell disconnected prior to taking sample

Flow Rate: $\frac{70\ mL}{6\ min} = 11.67\ \frac{mL}{min}$

Sample Info:

Sample ID:	MW-18D_20200122	Sample Date and Time:	1540, 1610, 1640
Selected Analysis:	↳ MW-18D_20200122_MS, MW-18D_20200122_MSD		

This form was provided by Antea Group and completed by: (Print Full Name) Leo Karcz

Signature: Leo Karcz Date: 1/22/20

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LNAPL= light non-aqueous phase liquids
bgs = below ground surface
ORP = Oxidation-Reduction Potential
D.O.= dissolved oxygen

mL= milliliters
temp = temperature
NTU = Nephelometric Turbidity Units
mV = millivolts

Groundwater Sampling Form

Site Address:	ARCO Station #465, 151 Southgate Ave, Daly City, CA		
Project No:	00465EA191	Field Technician:	ED
Field Point:	MW-9	Date:	1/24/20
Screened Interval (ft):	39-49	Well Diameter (in):	(2) 4 6 8 ___
Depth to Water (DTW) (ft BTOC):	45.52	Depth to LNAPL (ft BTOC): Thickness of LNAPL (ft):	—
Total Depth of Well (ft BTOC):	50.41	Water Column Height (ft):	4.93

Purging Info and Calculations:

Purge Method: (Low-Flow) 3 casing volumes; Other:_____; Anticipated Purge Intake Depth:

Purge Equipment: Disposable Bailer; Electric Submersible; Peristaltic Pump; **Bladder Pump**; Other:_____

Sample Collection Method: Disposable Bailer; Extraction Port; (Dedicated Tubing); Disposable Tubing; Other:_____

Water Column Height (ft):— X Conversion Factor (gal/ft):— = Casing Volume (gal):—

Casing Volume (gal):— X Specified Volumes:— = Calculated Purge (gal):—

Conversion Factors (gal/ft): 2" = 0.17 4" = 0.66 6" = 1.5 8" = 2.6 Other = radius^2 * 0.163

Purge: **Start Time:** 1101 **Stop Time:** 1130

Time	Temp (°C)	pH	Conductivity (µS/cm)	ORP (mV)	Turbidity (NTU)	D.O. (mg/L)	Volume Purged (mL)	Water Level (for Low-Flow only)
Pre-Purge								45.52
1109	16.84	7.29	0.003	-87	314	10.75	50	45.52
~~1112~~ 1112	16.81	7.37	0.004	-67	300	10.71	295	45.60
~~1115~~ 1115	16.73	7.34	0.003	-84	345	10.70	540	45.59
~~1118~~ 1118	16.73	7.35	0.003	-86	220	9.88	785	45.59
~~1121~~ 1121	16.74	7.36	0.003	-88	181	9.75	1035	45.58
1124	16.75	7.35	0.003	-86	185	9.71	1275	45.58
Post-Purge								45.58

Did Well dewater? Yes (No) Total Purge volume (mL): 1,275

Intake Depth During Purge: 47.0 ft Intake Depth After Purge: 47.0 ft Sample Intake Depth: 47.0 ft

Other Comments: flow through cell disconnected prior to taking sample

Flow Rate: 81.66 mL/min

~~1132~~ (ED)

Sample Info:

Sample ID: MW-9_20200124 Sample Date and Time: 1/24/20 1132

Selected Analysis: See COC

This form was provided by Antea Group and completed by: (Print Full Name) Elizabeth Diaz

Signature: _____ Date: 1/24/20

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Antea™ Group, 1-800-477-7411

LNAPL= light non-aqueous phase liquids
bgs = below ground surface
ORP = Oxidation-Reduction Potential
D.O.= dissolved oxygen

mL= milliliters
temp = temperature
NTU = Nephelometric Turbidity Units
mV = millivolts

Groundwater Sampling Form

Site Address:	ARCO Station #465, 151 Southgate Ave, Daly City, CA		
Project No:	00465EA191	Field Technician:	ED
Field Point:	MW-9D	Date:	1/24/20
Screened Interval (ft):	125-145	Well Diameter (in):	(2) 4 6 8 ___
Depth to Water (DTW) (ft BTOC):	139.97	Depth to LNAPL (ft BTOC): Thickness of LNAPL (ft):	—
Total Depth of Well (ft BTOC):	147.55	Water Column Height (ft):	7.58

Purging Info and Calculations:

Purge Method:
~~Low-Flow~~
3 casing volumes
Other:_____
Anticipated Purge Intake Depth:

Purge Equipment:
Disposable Bailer
Electric Submersible
Peristaltic Pump
Bladder Pump
Other:_____

Sample Collection Method:
Disposable Bailer
~~Extraction Port~~
Dedicated Tubing
Disposable Tubing
Other:_____

Water Column Height (ft):_____ X Conversion Factor (gal/ft):_____ = Casing Volume (gal):_____

Casing Volume (gal):_____ X Specified Volumes:_____ = Calculated Purge (gal): _____

Conversion Factors (gal/ft): 2" = 0.17 4" = 0.66 6" = 1.5 8" = 2.6 Other = radius^2 * 0.163

Purge: **Start Time:** 0800 **Stop Time:** 0927

Time	Temp (°C)	pH	Conductivity (µS/cm)	ORP (mV)	Turbidity (NTU)	D.O. (mg/L)	Volume Purged (mL)	Water Level (for Low-Flow only)
Pre-Purge								140.01
~~12:15~~ 0830	12.28	6.73	0.001	228	408	14.29	50	140.01
0833	12.57	7.18	0.001	~~375~~ 295	377	10.80	120	140.01
0836	16.55	6.56	1.77	148	607	8.31	290	140.02
— LOWERED				— STARTED AGAIN				
0850	15.83	7.43	0.003	111	230	9.47	50	140.06
0853	15.79	7.46	0.003	116	615	9.10	315	140.07
0856	15.45	7.14	1.81	133	594	2.64	575	140.07
0859	15.45	6.64	1.79	110	329	2.03	835	140.07
Post-Purge								140.12

Did Well dewater? Yes No Total Purge volume (mL):

Intake Depth During Purge: 140 ~~135~~ ft Intake Depth After Purge: 145 ft Sample Intake Depth: 145 ft

Other Comments: flow through cell disconnected prior to taking sample

Flow Rate: 88 mL/min

Sample Info:

Sample ID: MW-9D_20200124 Sample Date and Time: 1/23/20 0927

Selected Analysis: SLL COC

This form was provided by Antea Group and completed by: (Print Full Name) Elizabeth Diaz

Signature: _____ Date: 1/23/20

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LNAPL= light non-aqueous phase liquids
bgs = below ground surface
ORP = Oxidation-Reduction Potential
D.O.= dissolved oxygen

mL= milliliters
temp = temperature
NTU = Nephelometric Turbidity Units
mV = millivolts

DUP-2_465_20200124 DUPLICATE

Groundwater Sampling Form

Site Address:	ARCO Station #465, 151 Southgate Ave, Daly City, CA		
Project No:	00465EA191	Field Technician:	ED
Field Point:	MW-9D	Date:	1/24/20
Screened Interval (ft):	125-145	Well Diameter (in):	(2) 4 6 8 ___
Depth to Water (DTW) (ft BTOC):	139.97	Depth to LNAPL (ft BTOC): Thickness of LNAPL (ft):	—
Total Depth of Well (ft BTOC):	147.55	Water Column Height (ft):	7.58

Purging Info and Calculations:

Purge Method: (Low-Flow) 3 casing volumes; Other:_____; Anticipated Purge Intake Depth:

Purge Equipment: Disposable Bailer; Electric Submersible; Peristaltic Pump; (Bladder Pump); Other:_____

Sample Collection Method: Disposable Bailer; Extraction Port; (Dedicated Tubing); ~~Disposable Tubing~~; Other:_____

Water Column Height (ft):_____ X Conversion Factor (gal/ft):_____ = Casing Volume (gal):_____

Casing Volume (gal):_____ X Specified Volumes:_____ = Calculated Purge (gal):_____

Conversion Factors (gal/ft): 2" = 0.17 4" = 0.66 6" = 1.5 8" = 2.6 Other = radius^2 * 0.163

Purge: **Start Time:** 0820 **Stop Time:** 0927

Time	Temp (°C)	pH	Conductivity (µS/cm)	ORP (mV)	Turbidity (NTU)	D.O. (mg/L)	Volume Purged (mL)	Water Level (for Low-Flow only)
Pre-Purge								—
0902	16.90	6.64	1.79	109	349	2.23	1,095	140.07
0905	17.01	6.64	1.78	108	306	1.87	1,355	140.09
0908	17.03	6.641	1.79	109	300	1.88	1,615	140.08
0911	17.04	6.66	1.78	107	294	1.89	1875	140.09
0914	17.03	6.65	1.77	108	245	1.88	2315	140.09
0917	17.03	6.66	1.78	106	205	1.79	2,575	140.11
0920	17.03	6.64	1.79	110	199	1.92	2,835	140.12
0923	17.04	6.65	1.80	108	197	1.84	3,095	140.12
Post-Purge								140.12

Did Well dewater? Yes (No) Total Purge volume (mL): 3,095

Intake Depth During Purge: 140 ft Intake Depth After Purge: 145 ft Sample Intake Depth: 145 ft

Other Comments: flow through cell disconnected prior to taking sample

Flow Rate: 85 mL / min

Sample Info:

Sample ID: MW-9D-20200123 Sample Date and Time: ~~1/25~~ 1/24/20 (ED) 0927

Selected Analysis: See COC

This form was provided by Antea Group and completed by: (Print Full Name) Elizabeth Diaz

Signature: _____ Date: ~~1/25/20~~ 1/24/20 (ED)

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LNAPL= light non-aqueous phase liquids
bgs = below ground surface
ORP = Oxidation-Reduction Potential
D.O.= dissolved oxygen

mL= milliliters
temp = temperature
NTU = Nephelometric Turbidity Units
mV = millivolts

DUP-2-465_20200124

DUPLICATE

Groundwater Sampling Form

Site Address:	ARCO Station #465, 151 Southgate Ave, Daly City, CA		
Project No:	00465EA191	Field Technician:	EJ
Field Point:	V-8	Date:	1/22/20
Screened Interval (ft):	31.5 - 61.5	Well Diameter (in):	2 (4) 6 8 ___
Depth to Water (DTW) (ft BTOC):	56.33	Depth to LNAPL (ft BTOC): Thickness of LNAPL (ft):	—
Total Depth of Well (ft BTOC):	58.78	Water Column Height (ft):	2.45

Purging Info and Calculations:

Purge Method:
Low-Flow
3 casing volumes
Other:_____

Anticipated Purge Intake Depth:

Purge Equipment:
Disposable Bailer
Electric Submersible
Peristaltic Pump
Bladder Pump
Other:_____

Sample Collection Method:
Disposable Bailer
Extraction Port
Dedicated Tubing
~~Disposable Tubing~~
Other:_____

Water Column Height (ft):_____ X Conversion Factor (gal/ft):_____ = Casing Volume (gal):_____

Casing Volume (gal):_____ X Specified Volumes:_____ = Calculated Purge (gal): _____

Conversion Factors (gal/ft): 2" = 0.17 4" = 0.66 6" = 1.5 8" = 2.6 Other = radius^2 * 0.163

Purge: **Start Time:** ~~1005~~ 1625 **Stop Time:** 1650

Time	Temp (°C)	pH	Conductivity (µS/cm)	ORP (mV)	Turbidity (NTU)	D.O. (mg/L)	Volume Purged (mL)	Water Level (for Low-Flow only)
Pre-Purge								56.31
1632	17.63	6.74	0.911	200	10	9.14	0	56.31
1635	17.67	7.43	0.941	197	12	9.10	240	56.32
1638	16.81	7.86	0.964	186	18	8.65	470	56.33
1641	16.85	7.87	0.988	100	17	8.61	650	56.33
1644	16.84	7.89	0.981	98	16	8.54	835	56.34
1647	16.88	7.90	0.984	99	17	8.50	1020	56.34
Post-Purge								56.34

Did Well dewater? Yes (No) Total Purge volume (mL):

Intake Depth During Purge: 57.5 Intake Depth After Purge: 57.5 Sample Intake Depth: 57.5

Other Comments: flow through cell disconnected prior to taking sample

Flow Rate: 41.6 mL/min

Sample Info:

Sample ID: ~~MW-~~ V-8-20200122 Sample Date and Time: 1/22/20 1652

Selected Analysis: See COC

This form was provided by Antea Group and completed by: (Print Full Name) Elizabeth Diaz

Signature: _____ Date: 1/22/20

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LNAPL= light non-aqueous phase liquids
bgs = below ground surface
ORP = Oxidation-Reduction Potential
D.O.= dissolved oxygen

mL= milliliters
temp = temperature
NTU = Nephelometric Turbidity Units
mV = millivolts

Groundwater Sampling Form

Site Address:	ARCO Station #465, 151 Southgate Ave, Daly City, CA		
Project No:	00465EA191	Field Technician:	ED
Field Point:	V-14	Date:	1/23/20
Screened Interval (ft):	70-90	Well Diameter (in):	2 (4) 6 8 ___
Depth to Water (DTW) (ft BTOC):	88.67	Depth to LNAPL (ft BTOC): Thickness of LNAPL (ft):	—
Total Depth of Well (ft BTOC):	90.93	Water Column Height (ft):	2.26

Purging Info and Calculations:

Purge Method:

~~Low-Flow~~
3 casing volumes
Other: ~~Bailer~~ 1-Casing Volume
Anticipated Purge Intake Depth:

Purge Equipment:

(Disposable Bailer)
Electric Submersible
Peristaltic Pump
~~Bladder Pump~~
Other:

Sample Collection Method:

(Disposable Bailer)
Extraction Port
Dedicated Tubing
Disposable Tubing
Other:

Water Column Height (ft): — X Conversion Factor (gal/ft): — = Casing Volume (gal): —

Casing Volume (gal): — X Specified Volumes: — = Calculated Purge (gal): —

Conversion Factors (gal/ft): 2" = 0.17 4" = 0.66 6" = 1.5 8" = 2.6 Other = radius^2 * 0.163

Purge: **Start Time:** **Stop Time:**

Time	Temp (°C)	pH	Conductivity (µS/cm)	ORP (mV)	Turbidity (NTU)	D.O. (mg/L)	Volume Purged (mL)	Water Level (for Low-Flow only)
Pre-Purge								88.67
1714	14.58	7.11	~~57~~ 0.001	151	215	10.50	—	—
Post-Purge								88.67

Did Well dewater? Yes No Total Purge volume (mL):

Intake Depth During Purge: — ~~Intake Depth After Purge:~~ — Sample Intake Depth: —

Other Comments: flow through cell disconnected prior to taking sample

Flow Rate: —

Sample Info:

Sample ID:	~~DUP-1~~ V-14-20200123	Sample Date and Time:	1/23/20 1715
Selected Analysis:	See COC		

This form was provided by Antea Group and completed by: (Print Full Name) Elizabeth Diaz

Signature: Date: 1/23/20

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LNAPL= light non-aqueous phase liquids
bgs = below ground surface
ORP = Oxidation-Reduction Potential
D.O.= dissolved oxygen

mL= milliliters
temp = temperature
NTU = Nephelometric Turbidity Units
mV = millivolts

~~DUP-2~~
DUP-1_465-20200123

DUPLICATE

Well-Head Inspection & Well Gauging Form

Antea Group Project No: 00465EA191 **Site Address:** ARCO #465- 151 Southgate Ave

Field Technician: Pavi Edwards, Stephen Harrington / Antea *(Print Full Name & Company*)* **Date:** 10 Mar 2020 **Weather:** cloudy, 50's

Well Condition

Sample Order	Field Point	Bolts	Seal	Lid Secure	Lock	Expanding Cap	Water in Well Box	Well Casing Dia.	Date Gauged	Time Gauged	Depth to Water (Feet)	Depth to Bottom (Feet)	Depth to LNAPL (Feet)	LNAPL Thickness (Feet)	Comments
1	V-7														
2	V-8														
3	V-9														
4	V-10														
5	V-11														
6	V-12														
7	V-13														
8	V-14														
9	MW-19D	3/2	Y	Y	N	Y	N	2	10 Mar 20	0755	131.43	145.54	—	—	
10															
11															
12															
13															
14															
15															

Notes: _____

** All well caps opened at least 15 minutes or longer before gauging wells: **CIRCLE ONE:** YES or NO**

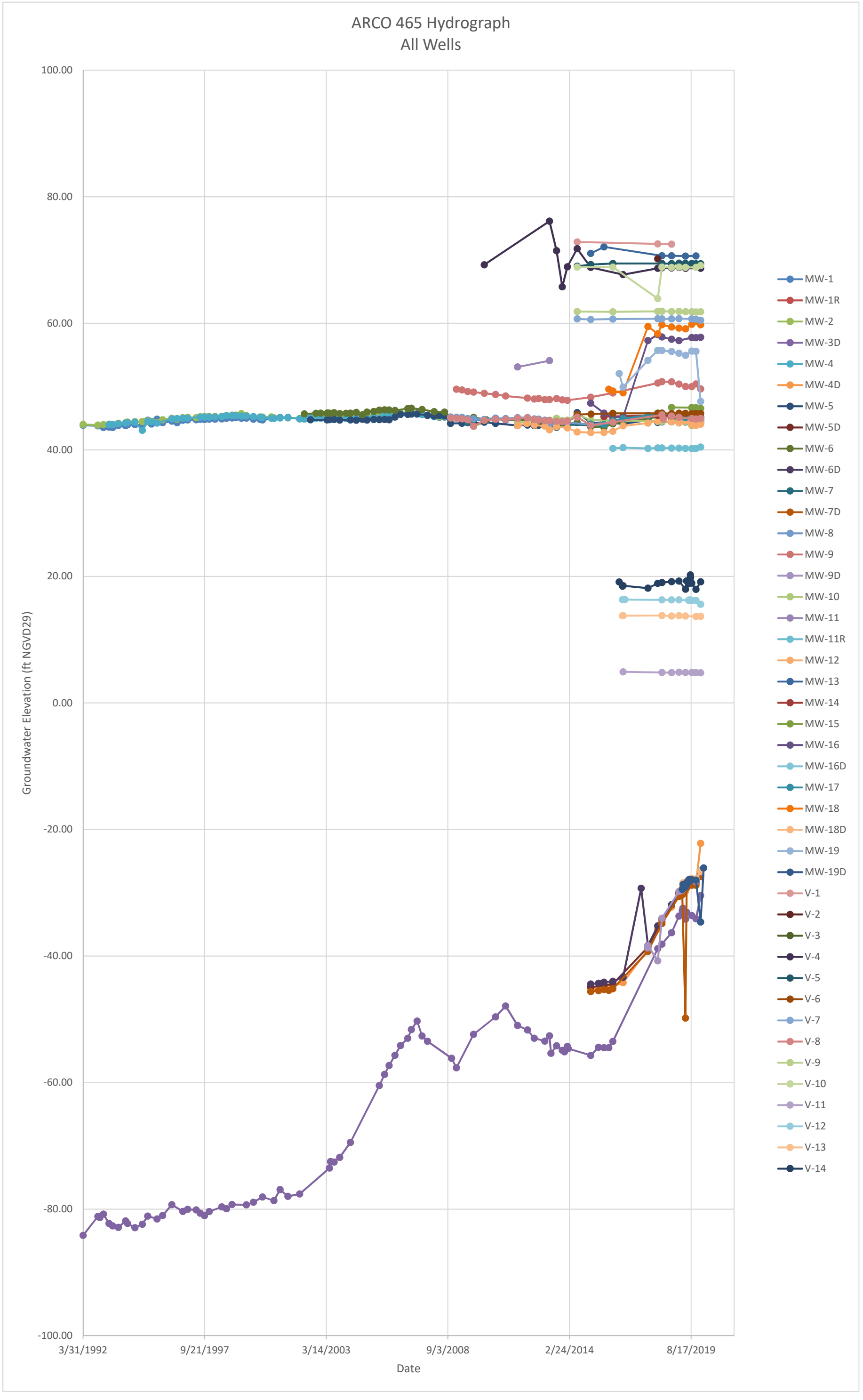
anteagroup

*Form provided by Antea Group

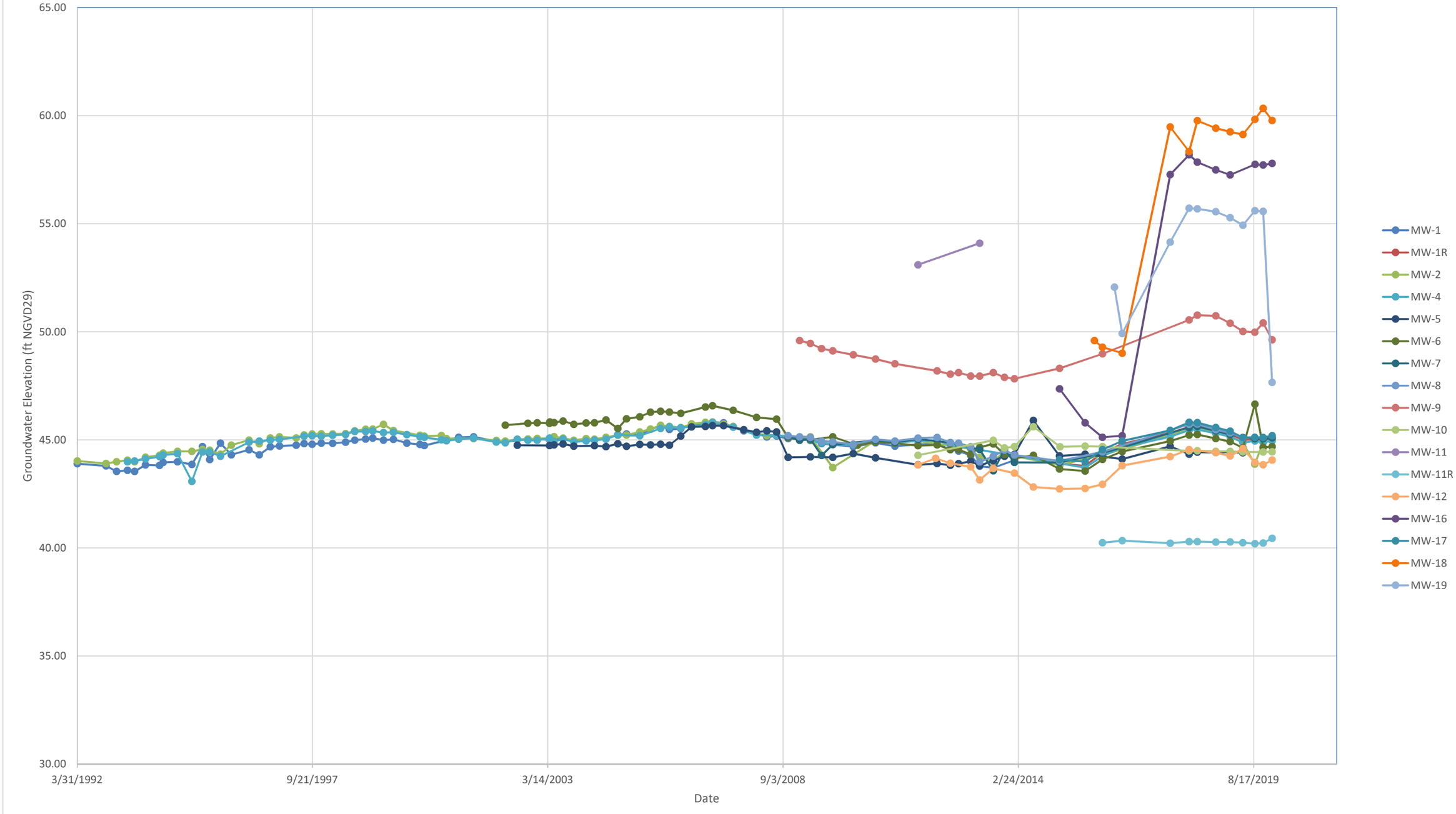
Note: Use G=good and P=poor for well condition

Appendix E

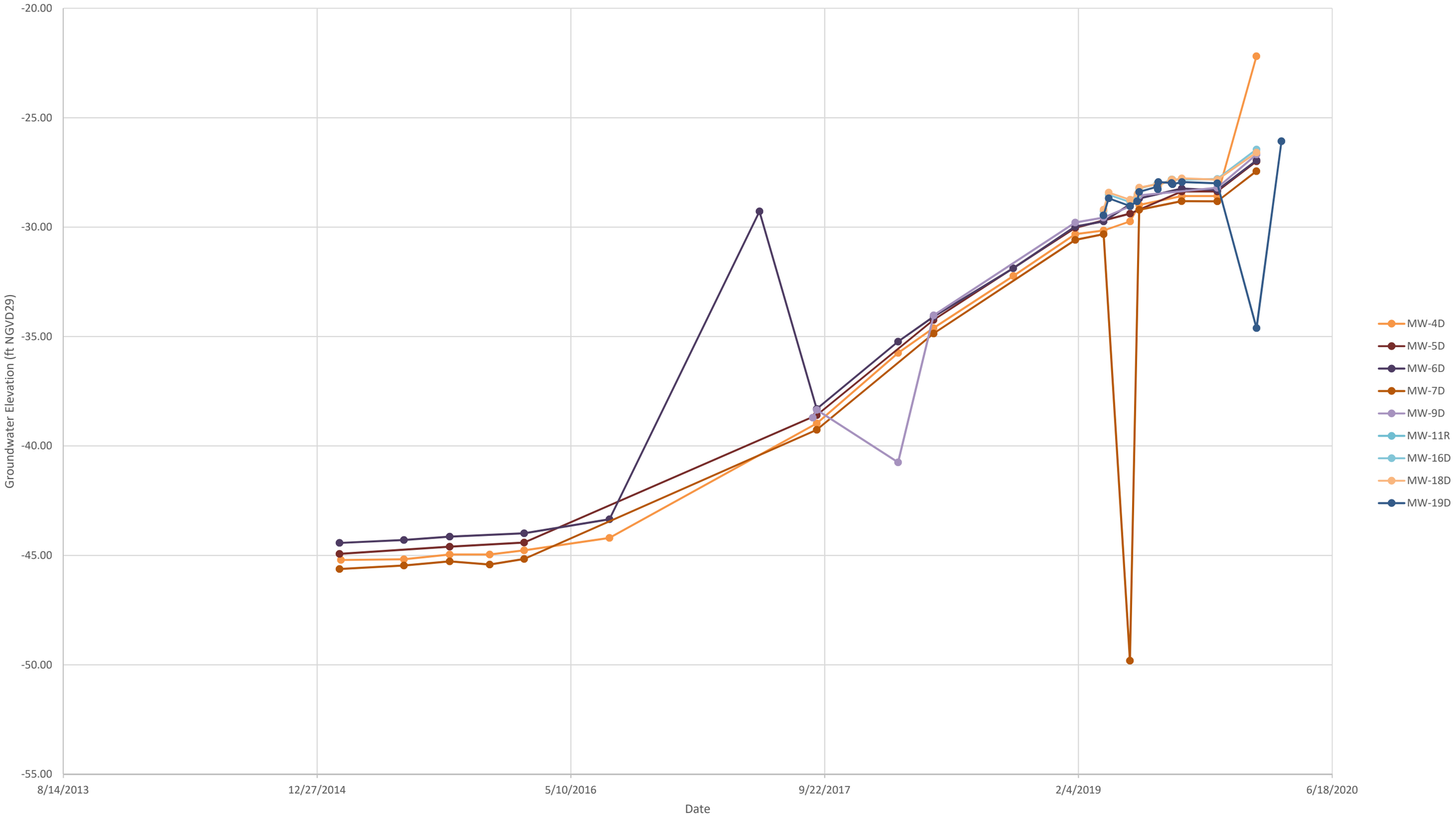
Hydrographs


ARCO 465 Hydrograph
All Wells
100.00
80.00
60.00
40.00
20.00
0.00
-20.00
-40.00
-60.00
-80.00
-100.00
Groundwater Elevation (ft NGVD29)
3/31/1992
9/21/1997
3/14/2003
9/3/2008
2/24/2014
8/17/2019
Date
MW-1
MW-1R
MW-2
MW-3D
MW-4
MW-4D
MW-5
MW-5D
MW-6
MW-6D
MW-7
MW-7D
MW-8
MW-9
MW-9D
MW-10
MW-11
MW-11R
MW-12
MW-13
MW-14
MW-15
MW-16
MW-16D
MW-17
MW-18
MW-18D
MW-19
MW-19D
V-1
V-2
V-3
V-4
V-5
V-6
V-7
V-8
V-9
V-10
V-11
V-12
V-13
V-14

ARCO 465 Hydrograph
Zone A Groundwater Monitoring Wells



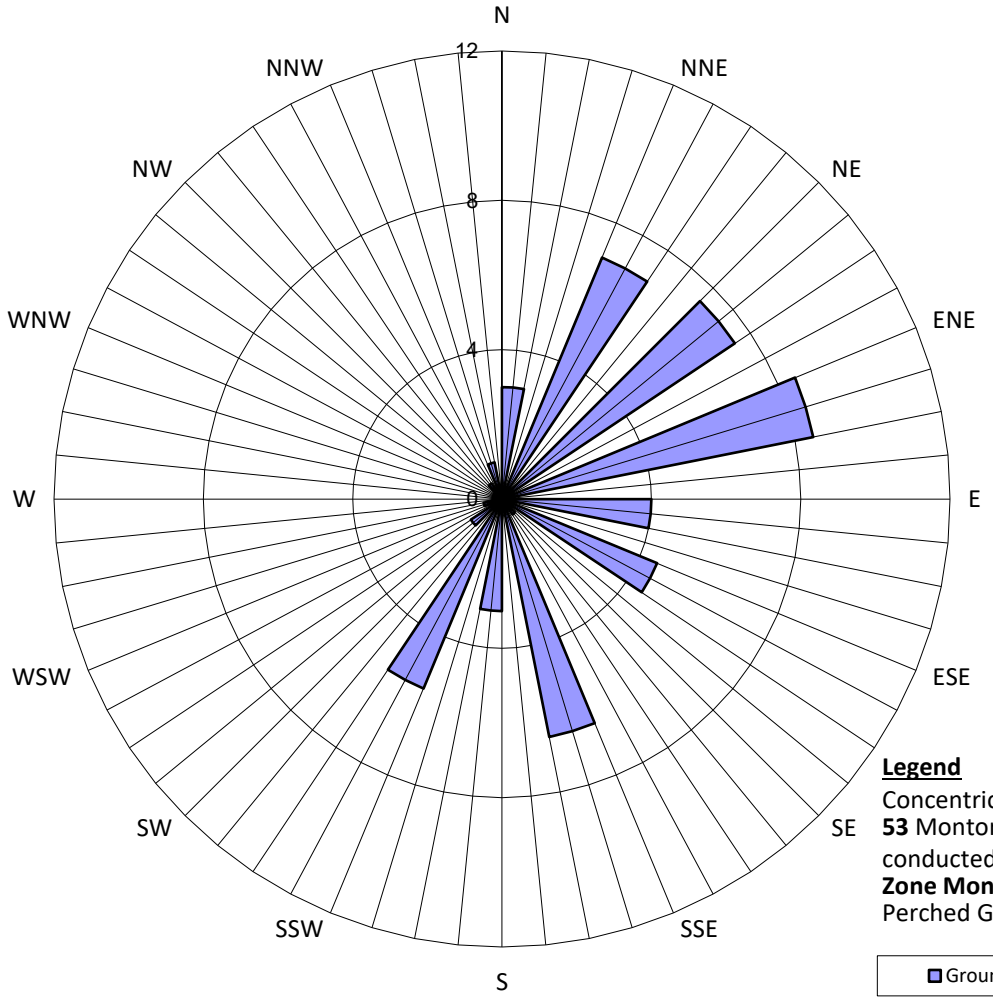
ARCO 465 Hydrograph
Zone B Groundwater Monitoring Wells



Appendix F

Rose Diagrams

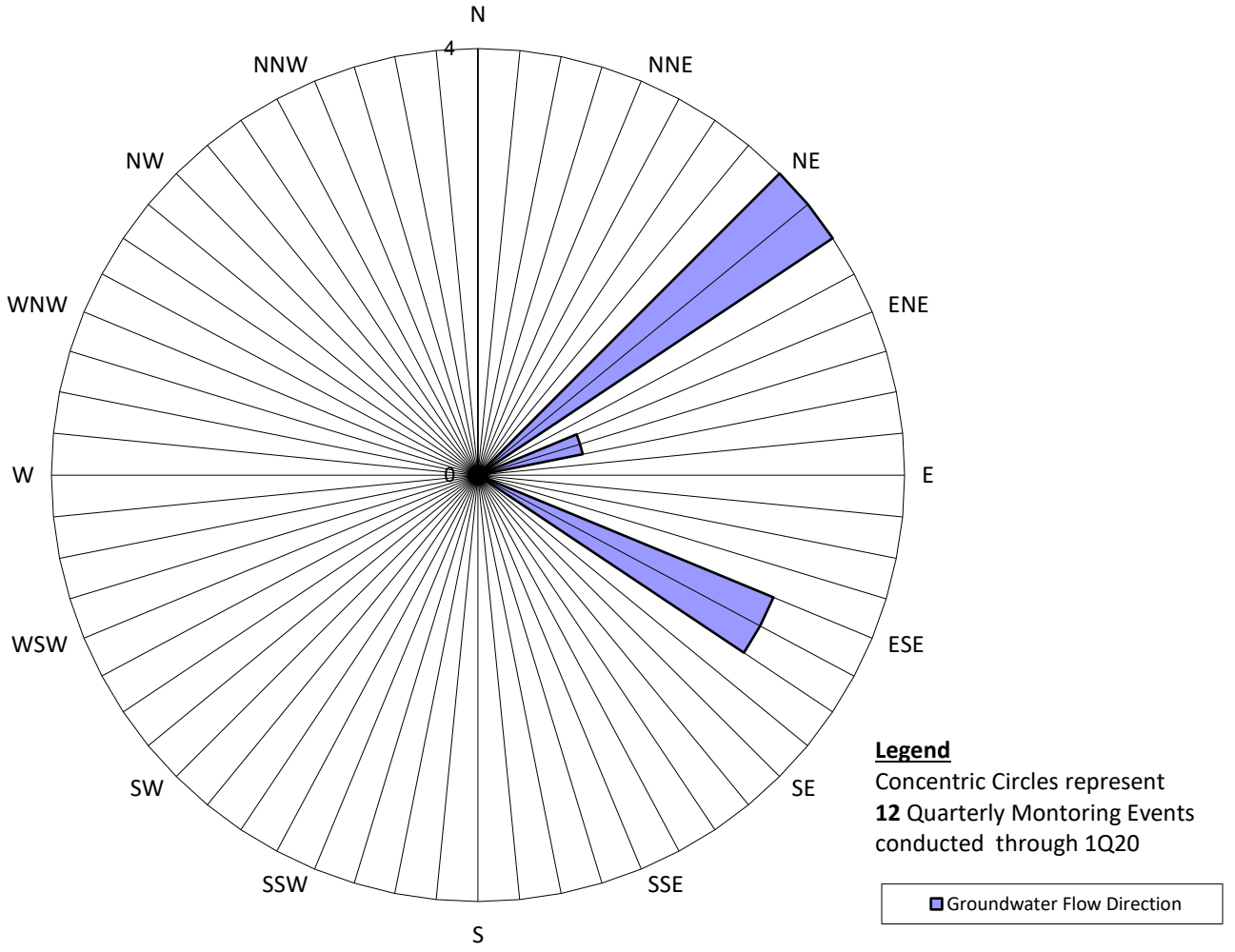
Appendix F
Groundwater Flow Direction Rose Diagram - Zone A
ARCO Service Station No. 465
151 Southgate Avenue, Daly City, California



Legend
Concentric Circles represent
53 Montoring Events
conducted through 1Q20
Zone Monitored:
Perched Ground Water Zone ~60 fbg

Groundwater Flow Direction

Appendix F
Groundwater Flow Direction Rose Diagram - Zone B
ARCO Service Station No. 465
151 Southgate Avenue, Daly City, California



Appendix G

Groundwater Laboratory Analytical Reports and Data Validation Forms

eurofins | Environment Testing TestAmerica



ANALYTICAL REPORT

Eurofins TestAmerica, Irvine
17461 Derian Ave
Suite 100
Irvine, CA 92614-5817
Tel: (949)261-1022

Laboratory Job ID: 440-254187-1
Client Project/Site: ARCO 0465, Daly City

For:
Antea Group
11010 White Rock Road
Suite 140
Rancho Cordova, California 95670

Attn: Hannah Mishriki

Authorized for release by:
11/18/2019 12:49:03 PM

Christian Bondoc, Project Manager I
(949)260-3218
christian.bondoc@testamericainc.com

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Results relate only to the items tested and the sample(s) as received by the laboratory.

The results listed within this Laboratory Report pertain only to the samples tested in the laboratory. The analyses contained in this report were performed in accordance with the BPLAMP Technical Specifications, applicable federal, state, local regulations and certification requirements as well as the methodologies as described in laboratory SOPs reviewed by the BPLAMP. This Laboratory Report is confidential and is intended for the sole use of Eurofins TestAmerica and its client. This report shall not be reproduced, except in full, without written permission from TestAmerica. The signature on the cover page extends to the case narrative and all the data and forms in the package. The Chain of Custody is included and is an integral part of this report.



Christian Bondoc
Project Manager I
11/18/2019 12:49:03 PM

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Definitions/Glossary

Client: Antea Group
Project/Site: ARCO 0465, Daly City

Job ID: 440-254187-1

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
LM	MS and/or MSD above acceptance limits. See Blank Spike (LCS)

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
¤	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
PQL	Practical Quantitation Limit
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)

Job ID: 440-254187-1

Laboratory: Eurofins TestAmerica, Irvine

Narrative

Job Narrative
440-254187-1

Comments
No additional comments.

Receipt
The samples were received on 11/7/2019 10:00 AM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperature of the cooler at receipt was 2.4º C.

GC/MS VOA
No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

GC VOA
No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

GC Semi VOA
Method 8015B: Insufficient 8015-DRO sample volume was available to perform a matrix spike/matrix spike duplicate (MS/MSD) associated with preparation batch 440-579542 and analytical batch 440-579986. The laboratory control sample (LCS) was performed in duplicate to provide precision data for this batch: (LCS 440-579542/2-A)

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

Organic Prep
Method 3510C: Insufficient sample volume was available to perform a matrix spike/matrix spike duplicate (MS/MSD) associated with preparation batch 440-579542. Method 8015B

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

VOA Prep
No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

Detection Summary

Client: Antea Group
Project/Site: ARCO 0465, Daly City

Job ID: 440-254187-1

Client Sample ID: MW-19D_20191106 — Lab Sample ID: 440-254187-1

No Detections.

Client Sample ID: DUP-465_20191106 — Lab Sample ID: 440-254187-2

No Detections.

Client Sample ID: TB-465_20191106 — Lab Sample ID: 440-254187-3

No Detections.

This Detection Summary does not include radiochemical test results.

Client Sample ID: MW-19D_20191106

Lab Sample ID: 440-254187-1

Date Collected: 11/06/19 11:45
Matrix: Water
Date Received: 11/08/19 14:20

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromoethane (EDB)	ND		0.50		ug/L			11/12/19 09:43	1
1,2-Dichloroethane	ND		0.50		ug/L			11/12/19 09:43	1
Benzene	ND		0.50		ug/L			11/12/19 09:43	1
Ethanol	ND		150		ug/L			11/12/19 09:43	1
Ethylbenzene	ND		0.50		ug/L			11/12/19 09:43	1
Ethyl-t-butyl ether (ETBE)	ND		0.50		ug/L			11/12/19 09:43	1
Isopropyl Ether (DIPE)	ND		0.50		ug/L			11/12/19 09:43	1
m,p-Xylene	ND		1.0		ug/L			11/12/19 09:43	1
Methyl-t-Butyl Ether (MTBE)	ND		0.50		ug/L			11/12/19 09:43	1
Naphthalene	ND		1.0		ug/L			11/12/19 09:43	1
o-Xylene	ND		0.50		ug/L			11/12/19 09:43	1
Tert-amyl-methyl ether (TAME)	ND		0.50		ug/L			11/12/19 09:43	1
tert-Butyl alcohol (TBA)	ND		10		ug/L			11/12/19 09:43	1
Toluene	ND		0.50		ug/L			11/12/19 09:43	1
Xylenes, Total	ND		1.0		ug/L			11/12/19 09:43	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*107*		*80 - 120*		*11/12/19 09:43*	*1*
Dibromofluoromethane (Surr)	*95*		*76 - 132*		*11/12/19 09:43*	*1*
Toluene-d8 (Surr)	*107*		*80 - 128*		*11/12/19 09:43*	*1*

Method: 8015B - Gasoline Range Organics - (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
GRO (C6-C12)	ND		50		ug/L			11/09/19 01:33	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*100*		*65 - 140*		*11/09/19 01:33*	*1*

Method: 8015B - Stoddard Solvent

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Stod.Sol. RO [C9-C13]	ND		0.048		mg/L		11/12/19 06:10	11/14/19 03:49	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
n-Octacosane	*78*		*45 - 120*	*11/12/19 06:10*	*11/14/19 03:49*	*1*

Client Sample ID: DUP-465_20191106

Lab Sample ID: 440-254187-2

Date Collected: 11/06/19 00:01
Matrix: Water
Date Received: 11/08/19 14:20

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromoethane (EDB)	ND		0.50		ug/L			11/12/19 14:44	1
1,2-Dichloroethane	ND		0.50		ug/L			11/12/19 14:44	1
Benzene	ND		0.50		ug/L			11/12/19 14:44	1
Ethanol	ND		150		ug/L			11/12/19 14:44	1
Ethylbenzene	ND		0.50		ug/L			11/12/19 14:44	1
Ethyl-t-butyl ether (ETBE)	ND		0.50		ug/L			11/12/19 14:44	1
Isopropyl Ether (DIPE)	ND		0.50		ug/L			11/12/19 14:44	1
m,p-Xylene	ND		1.0		ug/L			11/12/19 14:44	1
Methyl-t-Butyl Ether (MTBE)	ND		0.50		ug/L			11/12/19 14:44	1
Naphthalene	ND		1.0		ug/L			11/12/19 14:44	1

Client Sample ID: DUP-465_20191106

Lab Sample ID: 440-254187-2

Date Collected: 11/06/19 00:01
Matrix: Water
Date Received: 11/08/19 14:20

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
o-Xylene	ND		0.50		ug/L			11/12/19 14:44	1
Tert-amyl-methyl ether (TAME)	ND		0.50		ug/L			11/12/19 14:44	1
tert-Butyl alcohol (TBA)	ND		10		ug/L			11/12/19 14:44	1
Toluene	ND		0.50		ug/L			11/12/19 14:44	1
Xylenes, Total	ND		1.0		ug/L			11/12/19 14:44	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*101*		*80 - 120*		*11/12/19 14:44*	*1*
Dibromofluoromethane (Surr)	*93*		*76 - 132*		*11/12/19 14:44*	*1*
Toluene-d8 (Surr)	*103*		*80 - 128*		*11/12/19 14:44*	*1*

Method: 8015B - Gasoline Range Organics - (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
GRO (C6-C12)	ND		50		ug/L			11/09/19 02:00	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*98*		*65 - 140*		*11/09/19 02:00*	*1*

Method: 8015B - Stoddard Solvent

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Stod.Sol. RO [C9-C13]	ND		0.047		mg/L		11/12/19 06:10	11/14/19 04:12	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
n-Octacosane	*80*		*45 - 120*	*11/12/19 06:10*	*11/14/19 04:12*	*1*

Client Sample ID: TB-465_20191106

Lab Sample ID: 440-254187-3

Date Collected: 11/06/19 00:01
Matrix: Water
Date Received: 11/08/19 14:20

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.50		ug/L			11/12/19 15:12	1
Ethanol	ND		150		ug/L			11/12/19 15:12	1
Ethylbenzene	ND		0.50		ug/L			11/12/19 15:12	1
Ethyl-t-butyl ether (ETBE)	ND		0.50		ug/L			11/12/19 15:12	1
Isopropyl Ether (DIPE)	ND		0.50		ug/L			11/12/19 15:12	1
m,p-Xylene	ND		1.0		ug/L			11/12/19 15:12	1
Methyl-t-Butyl Ether (MTBE)	ND		0.50		ug/L			11/12/19 15:12	1
Naphthalene	ND		1.0		ug/L			11/12/19 15:12	1
o-Xylene	ND		0.50		ug/L			11/12/19 15:12	1
Tert-amyl-methyl ether (TAME)	ND		0.50		ug/L			11/12/19 15:12	1
tert-Butyl alcohol (TBA)	ND		10		ug/L			11/12/19 15:12	1
Toluene	ND		0.50		ug/L			11/12/19 15:12	1
Xylenes, Total	ND		1.0		ug/L			11/12/19 15:12	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*104*		*80 - 120*		*11/12/19 15:12*	*1*
Dibromofluoromethane (Surr)	*97*		*76 - 132*		*11/12/19 15:12*	*1*
Toluene-d8 (Surr)	*102*		*80 - 128*		*11/12/19 15:12*	*1*

Client: Antea Group
Project/Site: ARCO 0465, Daly City

Job ID: 440-254187-1

Client Sample ID: TB-465_20191106
Date Collected: 11/06/19 00:01
Date Received: 11/08/19 14:20

Lab Sample ID: 440-254187-3
Matrix: Water

Method: 8015B - Gasoline Range Organics - (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
GRO (C6-C12)	ND		50		ug/L			11/09/19 02:26	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*98*		*65 - 140*		*11/09/19 02:26*	*1*

Surrogate Summary

Client: Antea Group
Project/Site: ARCO 0465, Daly City

Job ID: 440-254187-1

Method: 8260B - Volatile Organic Compounds (GC/MS)

Matrix: Water — **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)		
Lab Sample ID	Client Sample ID	BFB (80-120)	DBFM (76-132)	TOL (80-128)
440-254187-1	MW-19D_20191106	107	95	107
440-254187-1 MS	MW-19D_20191106	106	95	105
440-254187-1 MSD	MW-19D_20191106	106	98	100
440-254187-2	DUP-465_20191106	101	93	103
440-254187-3	TB-465_20191106	104	97	102
LCS 440-579543/1002	Lab Control Sample	112	92	102
MB 440-579543/6	Method Blank	102	96	106

Surrogate Legend

BFB = 4-Bromofluorobenzene (Surr)
DBFM = Dibromofluoromethane (Surr)
TOL = Toluene-d8 (Surr)

Method: 8015B - Gasoline Range Organics - (GC)

Matrix: Water — **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)
Lab Sample ID	Client Sample ID	BFB1 (65-140)
440-253982-A-1 MS	Matrix Spike	103
440-253982-A-1 MSD	Matrix Spike Duplicate	100
440-254187-1	MW-19D_20191106	100
440-254187-2	DUP-465_20191106	98
440-254187-3	TB-465_20191106	98
LCS 440-579134/27	Lab Control Sample	94
MB 440-579134/28	Method Blank	100

Surrogate Legend

BFB = 4-Bromofluorobenzene (Surr)

Method: 8015B - Stoddard Solvent

Matrix: Water — **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)
Lab Sample ID	Client Sample ID	OTCN1 (45-120)
440-254187-1	MW-19D_20191106	78
440-254187-2	DUP-465_20191106	80
LCS 440-579542/2-A	Lab Control Sample	76
LCSD 440-579542/3-A	Lab Control Sample Dup	77
MB 440-579542/1-A	Method Blank	70

Surrogate Legend

OTCN = n-Octacosane

Method: 8260B - Volatile Organic Compounds (GC/MS)

Lab Sample ID: MB 440-579543/6
Matrix: Water
Analysis Batch: 579543

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromoethane (EDB)	ND		0.50		ug/L			11/12/19 09:13	1
1,2-Dichloroethane	ND		0.50		ug/L			11/12/19 09:13	1
Benzene	ND		0.50		ug/L			11/12/19 09:13	1
Ethanol	ND		150		ug/L			11/12/19 09:13	1
Ethylbenzene	ND		0.50		ug/L			11/12/19 09:13	1
Ethyl-t-butyl ether (ETBE)	ND		0.50		ug/L			11/12/19 09:13	1
Isopropyl Ether (DIPE)	ND		0.50		ug/L			11/12/19 09:13	1
m,p-Xylene	ND		1.0		ug/L			11/12/19 09:13	1
Methyl-t-Butyl Ether (MTBE)	ND		0.50		ug/L			11/12/19 09:13	1
Naphthalene	ND		1.0		ug/L			11/12/19 09:13	1
o-Xylene	ND		0.50		ug/L			11/12/19 09:13	1
Tert-amyl-methyl ether (TAME)	ND		0.50		ug/L			11/12/19 09:13	1
tert-Butyl alcohol (TBA)	ND		10		ug/L			11/12/19 09:13	1
Toluene	ND		0.50		ug/L			11/12/19 09:13	1
Xylenes, Total	ND		1.0		ug/L			11/12/19 09:13	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*102*		*80 - 120*		*11/12/19 09:13*	*1*
Dibromofluoromethane (Surr)	*96*		*76 - 132*		*11/12/19 09:13*	*1*
Toluene-d8 (Surr)	*106*		*80 - 128*		*11/12/19 09:13*	*1*

Lab Sample ID: LCS 440-579543/1002
Matrix: Water
Analysis Batch: 579543

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
1,2-Dibromoethane (EDB)			25.0	21.3		ug/L		85	70 - 130		
1,2-Dichloroethane			25.0	23.1		ug/L		93	57 - 138		
Benzene			25.0	22.9		ug/L		92	68 - 130		
Ethanol			1250	1030		ug/L		83	50 - 149		
Ethylbenzene			25.0	24.0		ug/L		96	70 - 130		
Ethyl-t-butyl ether (ETBE)			25.0	20.8		ug/L		83	60 - 136		
Isopropyl Ether (DIPE)			25.0	25.3		ug/L		101	58 - 139		
m,p-Xylene			25.0	22.2		ug/L		89	70 - 130		
Methyl-t-Butyl Ether (MTBE)			25.0	24.5		ug/L		98	63 - 131		
Naphthalene			25.0	23.2		ug/L		93	60 - 140		
o-Xylene			25.0	23.1		ug/L		93	70 - 130		
Tert-amyl-methyl ether (TAME)			25.0	21.4		ug/L		86	57 - 139		
tert-Butyl alcohol (TBA)			250	320		ug/L		128	70 - 130		
Toluene			25.0	23.2		ug/L		93	70 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*112*		*80 - 120*
Dibromofluoromethane (Surr)	*92*		*76 - 132*
Toluene-d8 (Surr)	*102*		*80 - 128*

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 440-254187-1 MS
Matrix: Water
Analysis Batch: 579543

Client Sample ID: MW-19D_20191106
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
1,2-Dibromoethane (EDB)	ND		10.0	9.55		ug/L		96	70 - 131
1,2-Dichloroethane	ND		10.0	9.90		ug/L		99	56 - 146
Benzene	ND		10.0	9.28		ug/L		93	66 - 130
Ethanol	ND		500	467		ug/L		93	54 - 150
Ethylbenzene	ND		10.0	10.1		ug/L		101	70 - 130
Ethyl-t-butyl ether (ETBE)	ND		10.0	9.25		ug/L		93	70 - 130
Isopropyl Ether (DIPE)	ND		10.0	10.5		ug/L		105	64 - 138
m,p-Xylene	ND		10.0	9.44		ug/L		94	70 - 133
Methyl-t-Butyl Ether (MTBE)	ND		10.0	10.4		ug/L		104	70 - 130
Naphthalene	ND		10.0	9.32		ug/L		93	60 - 140
o-Xylene	ND		10.0	9.70		ug/L		97	70 - 133
Tert-amyl-methyl ether (TAME)	ND		10.0	8.78		ug/L		88	68 - 133
tert-Butyl alcohol (TBA)	ND		100	134	LM	ug/L		134	70 - 130
Toluene	ND		10.0	9.87		ug/L		99	70 - 130

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*106*		*80 - 120*
Dibromofluoromethane (Surr)	*95*		*76 - 132*
Toluene-d8 (Surr)	*105*		*80 - 128*

Lab Sample ID: 440-254187-1 MSD
Matrix: Water
Analysis Batch: 579543

Client Sample ID: MW-19D_20191106
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,2-Dibromoethane (EDB)	ND		10.0	9.39		ug/L		94	70 - 131	2	25
1,2-Dichloroethane	ND		10.0	9.82		ug/L		98	56 - 146	1	20
Benzene	ND		10.0	9.31		ug/L		93	66 - 130	0	20
Ethanol	ND		500	429		ug/L		86	54 - 150	8	30
Ethylbenzene	ND		10.0	9.80		ug/L		98	70 - 130	3	20
Ethyl-t-butyl ether (ETBE)	ND		10.0	8.92		ug/L		89	70 - 130	4	25
Isopropyl Ether (DIPE)	ND		10.0	10.5		ug/L		105	64 - 138	0	25
m,p-Xylene	ND		10.0	9.23		ug/L		92	70 - 133	2	25
Methyl-t-Butyl Ether (MTBE)	ND		10.0	10.4		ug/L		104	70 - 130	0	25
Naphthalene	ND		10.0	10.3		ug/L		103	60 - 140	10	30
o-Xylene	ND		10.0	9.43		ug/L		94	70 - 133	3	20
Tert-amyl-methyl ether (TAME)	ND		10.0	8.73		ug/L		87	68 - 133	0	30
tert-Butyl alcohol (TBA)	ND		100	127		ug/L		127	70 - 130	6	25
Toluene	ND		10.0	9.69		ug/L		97	70 - 130	2	20

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*106*		*80 - 120*
Dibromofluoromethane (Surr)	*98*		*76 - 132*
Toluene-d8 (Surr)	*100*		*80 - 128*

Method: 8015B - Gasoline Range Organics - (GC)

Lab Sample ID: MB 440-579134/28
Matrix: Water
Analysis Batch: 579134

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
GRO (C6-C12)	ND		50		ug/L			11/08/19 20:14	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*100*		*65 - 140*		*11/08/19 20:14*	*1*

Lab Sample ID: LCS 440-579134/27
Matrix: Water
Analysis Batch: 579134

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
GRO (C4-C12)			800	779		ug/L		97	80 - 120		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*94*		*65 - 140*

Lab Sample ID: 440-253982-A-1 MS
Matrix: Water
Analysis Batch: 579134

Client Sample ID: Matrix Spike
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits		
GRO (C4-C12)	ND		800	773		ug/L		97	65 - 140		

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*103*		*65 - 140*

Lab Sample ID: 440-253982-A-1 MSD
Matrix: Water
Analysis Batch: 579134

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
GRO (C4-C12)	ND		800	762		ug/L		95	65 - 140	1	20

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*100*		*65 - 140*

Method: 8015B - Stoddard Solvent

Lab Sample ID: MB 440-579542/1-A
Matrix: Water
Analysis Batch: 579986

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 579542

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Stod.Sol. RO [C9-C13]	ND		0.050		mg/L		11/12/19 06:10	11/14/19 03:26	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
n-Octacosane	*70*		*45 - 120*	*11/12/19 06:10*	*11/14/19 03:26*	*1*

Method: 8015B - Stoddard Solvent (Continued)

Lab Sample ID: LCS 440-579542/2-A
Matrix: Water
Analysis Batch: 579986

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 579542

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
C10-C28			1000	708		ug/L		71	40 - 115		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
n-Octacosane	*76*		*45 - 120*

Lab Sample ID: LCSD 440-579542/3-A
Matrix: Water
Analysis Batch: 579986

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 579542

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
C10-C28			1000	742		ug/L		74	40 - 115	5	25

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
n-Octacosane	*77*		*45 - 120*

QC Association Summary

Client: Antea Group
Project/Site: ARCO 0465, Daly City

Job ID: 440-254187-1

GC/MS VOA

Analysis Batch: 579543

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
440-254187-1	MW-19D_20191106	Total/NA	Water	8260B	
440-254187-2	DUP-465_20191106	Total/NA	Water	8260B	
440-254187-3	TB-465_20191106	Total/NA	Water	8260B	
MB 440-579543/6	Method Blank	Total/NA	Water	8260B	
LCS 440-579543/1002	Lab Control Sample	Total/NA	Water	8260B	
440-254187-1 MS	MW-19D_20191106	Total/NA	Water	8260B	
440-254187-1 MSD	MW-19D_20191106	Total/NA	Water	8260B	

GC VOA

Analysis Batch: 579134

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
440-254187-1	MW-19D_20191106	Total/NA	Water	8015B	
440-254187-2	DUP-465_20191106	Total/NA	Water	8015B	
440-254187-3	TB-465_20191106	Total/NA	Water	8015B	
MB 440-579134/28	Method Blank	Total/NA	Water	8015B	
LCS 440-579134/27	Lab Control Sample	Total/NA	Water	8015B	
440-253982-A-1 MS	Matrix Spike	Total/NA	Water	8015B	
440-253982-A-1 MSD	Matrix Spike Duplicate	Total/NA	Water	8015B	

GC Semi VOA

Prep Batch: 579542

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
440-254187-1	MW-19D_20191106	Total/NA	Water	3510C	
440-254187-2	DUP-465_20191106	Total/NA	Water	3510C	
MB 440-579542/1-A	Method Blank	Total/NA	Water	3510C	
LCS 440-579542/2-A	Lab Control Sample	Total/NA	Water	3510C	
LCSD 440-579542/3-A	Lab Control Sample Dup	Total/NA	Water	3510C	

Analysis Batch: 579986

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
440-254187-1	MW-19D_20191106	Total/NA	Water	8015B	579542
440-254187-2	DUP-465_20191106	Total/NA	Water	8015B	579542
MB 440-579542/1-A	Method Blank	Total/NA	Water	8015B	579542
LCS 440-579542/2-A	Lab Control Sample	Total/NA	Water	8015B	579542
LCSD 440-579542/3-A	Lab Control Sample Dup	Total/NA	Water	8015B	579542

Lab Chronicle

Client: Antea Group
Project/Site: ARCO 0465, Daly City

Job ID: 440-254187-1

Client Sample ID: MW-19D_20191106

Lab Sample ID: 440-254187-1

Date Collected: 11/06/19 11:45

Matrix: Water

Date Received: 11/08/19 14:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	579543	11/12/19 09:43	TCN	TAL IRV
Total/NA	Analysis	8015B		1	579134	11/09/19 01:33	HKC	TAL IRV
Total/NA	Prep	3510C			579542	11/12/19 06:10	L1H	TAL IRV
Total/NA	Analysis	8015B		1	579986	11/14/19 03:49	RMP	TAL IRV

Client Sample ID: DUP-465_20191106

Lab Sample ID: 440-254187-2

Date Collected: 11/06/19 00:01

Matrix: Water

Date Received: 11/08/19 14:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	579543	11/12/19 14:44	TCN	TAL IRV
Total/NA	Analysis	8015B		1	579134	11/09/19 02:00	HKC	TAL IRV
Total/NA	Prep	3510C			579542	11/12/19 06:10	L1H	TAL IRV
Total/NA	Analysis	8015B		1	579986	11/14/19 04:12	RMP	TAL IRV

Client Sample ID: TB-465_20191106

Lab Sample ID: 440-254187-3

Date Collected: 11/06/19 00:01

Matrix: Water

Date Received: 11/08/19 14:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	579543	11/12/19 15:12	TCN	TAL IRV
Total/NA	Analysis	8015B		1	579134	11/09/19 02:26	HKC	TAL IRV

Laboratory References:

TAL IRV = Eurofins TestAmerica, Irvine, 17461 Derian Ave, Suite 100, Irvine, CA 92614-5817, TEL (949)261-1022

Accreditation/Certification Summary

Client: Antea Group
Job ID: 440-254187-1
Project/Site: ARCO 0465, Daly City

Laboratory: Eurofins TestAmerica, Irvine

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Program	Identification Number	Expiration Date
California	State Program	CA ELAP 2706	06-30-20

The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.

Analysis Method	Prep Method	Matrix	Analyte
8015B		Water	GRO (C6-C12)
8015B	3510C	Water	Stod.Sol. RO [C9-C13]
8260B		Water	Ethanol

Method Summary

Client: Antea Group
Project/Site: ARCO 0465, Daly City

Job ID: 440-254187-1

Method	Method Description	Protocol	Laboratory
8260B	Volatile Organic Compounds (GC/MS)	SW846	TAL IRV
8015B	Gasoline Range Organics - (GC)	SW846	TAL IRV
8015B	Stoddard Solvent	SW846	TAL IRV
3510C	Liquid-Liquid Extraction (Separatory Funnel)	SW846	TAL IRV
5030B	Purge and Trap	SW846	TAL IRV

Protocol References:

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

TAL IRV = Eurofins TestAmerica, Irvine, 17461 Derian Ave, Suite 100, Irvine, CA 92614-5817, TEL (949)261-1022

Sample Summary

Client: Antea Group
Project/Site: ARCO 0465, Daly City

Job ID: 440-254187-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Asset ID
440-254187-1	MW-19D_20191106	Water	11/06/19 11:45	11/08/19 14:20	
440-254187-2	DUP-465_20191106	Water	11/06/19 00:01	11/08/19 14:20	
440-254187-3	TB-465_20191106	Water	11/06/19 00:01	11/08/19 14:20	

Laboratory Management Program (LaMP) Chain of Custody Record
Soil, Sediment and Groundwater Samples

Page 1 of 1

BP Site Node Path: BP > USA > CA > SAN MATEO > 465 > PMPv4 > 1995 Release
Req Due Date (mm/dd/yy):
Rush TAT Yes ____ No X
BP/RM Facility No: ARCO No. 00465
Lab Work Order Number:

Lab Name:	TestAmerica	BP/ARC Facility Address:	151 Southgate Ave	Consultant/Contractor:	Antea Group
Lab Address:	17461 Derian Ave., Ste. 100, Irvine, CA 92614	City, State, ZIP Code:	Daly City, CA, 94015	Consultant/Contractor Project No:	00465EA191
Lab PM:	Christian Bondoc	Lead Regulatory Agency:	San Mateo County GPP	Address:	11010 White Rock Road, Suite 140, Rancho Cordova, CA 95670
Lab Phone:	949-261-1022	California Global ID No.:	T0608100027	Consultant/Contractor PM:	Hannah Mishriki
Lab Shipping Accnt:	FedEx # 1103-6633-7	Enfos Proposal No:	009SB-0007/WR329286	Phone: 610-390-7059	Email: hannah.mishriki@anteagroup.com
Lab Bottle Order No:		Accounting Mode:	Provision __X__ OOC-BU ____ OOC-RM ____	Send/Submit EDD to:	See Special Instructions
Other Info:		Stage: 40	Activity: 123	Invoice To:	BP-RM ___X___ BP-Other _____

BP/RM PM:	Wade Melton
PM Phone:	360-594-7978
PM Email:	wade.melton@bp.com

Report Type & QC Level
Limited (Standard) Package X
Limited Plus Package ____
Full Package ____

Lab No.	Unique Sample ID, must follow format of SAMPLENAMEYYYYMMDD Examples: MW01_20190101; BH01_3-5_20190101	Time	Depth Unit	Grab (G) or Composite (C)	Total Number of Containers	Matrix	GRO (C6-C12) by 8015B	Ethanol/BTEX/5 Oxys/Napth by EPA 8260	EDB & 1,2-DCA by 8260	Stoddard Solvents by 8015B	Comments
	Filtered (Y/N)						N	N	N	N	
	Preservation						N	N	N	N	
	~~MW-16D_201911~~					GW	x	x	x	x	MS/MSD
	~~MW-16D_201911~~					GW	x	x	x	x	
	MW-19D_20191106	1145	-	-	7	GW	x	x	x	x	
	~~Y-14_201911~~					GW	x	x	x	x	
	DUP-465_20191106	—	-	-	7	GW	x	x	x	x	
	TB-465_20191106	—	-	-	6	W	x	x			

Sampler's Name:	Leo Karcz	**Relinquished By / Affiliation**	**Date**	**Time**	**Accepted By / Affiliation**	**Date**	**Time**
Sampler's Company:	Antea Group	Leo Karcz / Antea Group	11/6/19	15:88	Paul Edwards / Antea	06 NOV 2019	15:29
Ship Method:	FEDEX Ship Date:	Paul Edwards / Antea	06 NOV 19	16:20	Olga Oinelas	11/7/19	1000
Shipment Tracking No:	1119 9740 7172						

Special Instructions: 5 Oxygenates to include: TAME / TBA / DIPE / ETBE / MTBE. Send EDD/EDF to AGDataView.US@anteagroup.com, sandy.hayes@anteagroup.com, bryan.taylor@anteagroup.com, hannah.mishriki@anteagroup.com, ian.treat@anteagroup.com, jo.black@anteagroup.com, and lab.enfosdoc@bp.com.

THIS LINE - LAB USE ONLY: Custody Seals In Place: Yes / No | Temp Blank: Yes / No | Cooler Temp on Receipt: 2.7/2.6 F/C | Trip Blank: Yes / No | MS/MSD Sample Submitted: Yes / No

IR-13

BP LaMP Soil/H2O COC March 2019

Proprietary and Confidential
Property of BP and its Affiliates

TH: 1119 9740 7172

445-25487 Chain of Custody

Login Sample Receipt Checklist

Client: Antea Group

Job Number: 440-254187-1

Login Number: 254187
List Number: 1
Creator: Skinner, Alma D

List Source: Eurofins TestAmerica, Irvine

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	True	
The cooler's custody seal, if present, is intact.	N/A	Not present
Sample custody seals, if present, are intact.	N/A	Not Present
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

Rivera, Tiffany

From: Rivera, Tiffany
Sent: Monday, November 11, 2019 9:10 AM
To: AGDataView.us Antea Group; Bryan Taylor; Hannah Mishriki; Ian Treat; Jo Black; Katelynn Smith; Sandy Hayes; Stephen Harrington
Subject: Eurofins TestAmerica sample confirmation files from 440-254187-1 ARCO 0465, Daly City
Attachments: SampleLoginAck_440-254187-1 [Std_Tal_Login_Ack].pdf; SmpLoginAckLimits_440-254187-1 [Std_Tal_Login_Limits].pdf; COC 440-254187.pdf

Hello,

Attached please find the sample confirmation files for job 440-254187-1; ARCO 0465, Daly City

Please feel free to contact me or your PM Christian Bondoc if you have any questions.

Thank you.

Tiffany 1 Rivera
Project Manager Assistant

Eurofins TestAmerica, Irvine

E-mail: tiffany.rivera@testamericainc.com
www.eurofinsus.com | www.testamericainc.com

Reference: [440-564330]
Attachments: 3

Please let us know if we met your expectations by rating the service you received from Eurofins TestAmerica on this project by visiting our website at: Project Feedback

GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins TestAmerica, Irvine Job No.: 440-254187-1

SDG No.:

Batch Number: 579543 Batch Start Date: 11/12/19 06:52 Batch Analyst: Nguyen, Tammy C

Batch Method: 8260B Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	Initial pH	VMW8260T1CCV1 00127	VMWNU8260ISS 00192	VMWTier2CCV2 00230
MB 440-579543/6		8260B		10 mL	10 mL			5 uL	
440-254187-B-1	MW-19D_20191106	8260B	T	10 mL	10 mL	7 SU		5 uL	
440-254187-B-1 MS	MW-19D_20191106	8260B	T	10 mL	10 mL	7 SU	2 uL	5 uL	5 uL
440-254187-B-1 MSD	MW-19D_20191106	8260B	T	10 mL	10 mL	7 SU	2 uL	5 uL	5 uL
440-254187-B-2	DUP-465_20191106	8260B	T	10 mL	10 mL	7 SU		5 uL	
440-254187-B-3	TB-465_20191106	8260B	T	10 mL	10 mL	7 SU		5 uL	
LCS 440-579543/1002		8260B		10 mL	10 mL		5 uL	5 uL	

Batch Notes	
pH Indicator ID	220416A
Pipette/Syringe/Dispenser ID	OH44AN, VOA-04
Vial Lot Number	0217701E

Basis	Basis Description
T	Total/NA

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GASOLINE RANGE ORGANICS BATCH WORKSHEET

Lab Name: Eurofins TestAmerica, Irvine Job No.: 440-254187-1

SDG No.:

Batch Number: 579134 Batch Start Date: 11/08/19 08:05 Batch Analyst: Coleman, Hailley K

Batch Method: 8015B Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	Initial pH	VG-LCSTPH1000 00460	VG-SURR100PPM 00191	
440-254187-A-1	MW-19D_20191106	8015B	T	10 mL	10 mL	7 SU		5 uL	
440-254187-A-2	DUP-465_20191106	8015B	T	10 mL	10 mL	7 SU		5 uL	
440-254187-A-3	TB-465_20191106	8015B	T	10 mL	10 mL	7 SU		5 uL	
LCS 440-579134/27		8015B		10 mL	10 mL	n/a SU	8 uL	5 uL	
MB 440-579134/28		8015B		10 mL	10 mL	n/a SU		5 uL	
440-253982-C-1	MW-16D_20191105	8015B	T	10 mL	10 mL	7 SU		5 uL	
440-253982-A-1 MS	MW-16D_20191105	8015B	T	10 mL	10 mL	7 SU	8 uL	5 uL	
440-253982-A-1 MSD	MW-16D_20191105	8015B	T	10 mL	10 mL	7 SU	8 uL	5 uL	

Batch Notes	
pH Indicator ID	HC991818/220416A
Pipette/Syringe/Dispenser ID	OH44AN/VOA-03/02-681-412
Vial Lot Number	0217701E

Basis	Basis Description
T	Total/NA

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

DIESEL RANGE ORGANICS BATCH WORKSHEET

Lab Name: Eurofins TestAmerica, Irvine Job No.: 440-254187-1

SDG No.:

Batch Number: 579542 Batch Start Date: 11/12/19 06:10 Batch Analyst: Herrera, Lizette 1

Batch Method: 3510C Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Basis	GrossWeight	TareWeight	InitialAmount	FinalAmount	ReceivedpH	gc8015dslLCSA 00118
MB 440-579542/1		3510C, 8015B				1000 mL	1 mL	6 SU	
LCS 440-579542/2		3510C, 8015B				1000 mL	1 mL	6 SU	1 mL
LCSD 440-579542/3		3510C, 8015B				1000 mL	1 mL	6 SU	1 mL
440-254187-G-1	MW-19D_20191106	3510C, 8015B	T	1560 g	0510 g	1050 mL	1 mL	6 SU	
440-254187-G-2	DUP-465_20191106	3510C, 8015B	T	1565 g	0505 g	1060 mL	1 mL	6 SU	

Lab Sample ID	Client Sample ID	Method Chain	Basis	gc8015dslSURR 00098	AnalysisComment				
MB 440-579542/1		3510C, 8015B		0.2 mL					
LCS 440-579542/2		3510C, 8015B		0.2 mL					
LCSD 440-579542/3		3510C, 8015B		0.2 mL					
440-254187-G-1	MW-19D_20191106	3510C, 8015B	T	0.2 mL	Cloudy				
440-254187-G-2	DUP-465_20191106	3510C, 8015B	T	0.2 mL	Cloudy				

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

DIESEL RANGE ORGANICS BATCH WORKSHEET

Lab Name: Eurofins TestAmerica, Irvine Job No.: 440-254187-1

SDG No.:

Batch Number: 579542 Batch Start Date: 11/12/19 06:10 Batch Analyst: Herrera, Lizette 1

Batch Method: 3510C Batch End Date:

Batch Notes	
Acid used for Clean Up ID	Sulfuric Acid 5814036
Balance ID	68
Batch Comment	3510C 8015B
Analyst ID - Concentration	LH LA
Concentration 1 Corrected Temperature	35 Degrees C
Equipment ID - Concentration 1	TV 12, 13 02
Analyst ID - Extraction	LH LA
Filter ID	FT-3-102-150
Method/Fraction	3510C 8015B SURR ID 5736803 SPIKE ID 57955879
Na2SO4 ID	5839902
pH Indicator ID	HC989495
Pipette/Syringe/Dispenser ID	9"Disposable / 040319500A 1203181000A
Prep Solvent ID	DCM 5925361
Prep Solvent Volume Used	180 mL
Analyst ID - Spike Analyst	LA
Sufficient Volume for Batch QC	Yes
Concentration 1 Uncorrected Temperature	35 Degrees C
Vial Lot Number	Thermo Scientific 18343248
Reagent Water ID	Nano pure water

Basis	Basis Description
T	Total/NA

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

Is the Data Valid? (circle) Yes / No	Preservation Temperature (if Known): 2.4 ºC

Antea Group Lab Validation Sheet

Project/Client: BP 465
Project #: 00465EA191
Date of Validation: 11/18/2019
Completed By: Jo Black **Signature:** Jo Black
Analytical Lab Used and Report # (if any): Eurofins TestAmerica 440-254187-1

	Circle or Highlight Yes/No below
1. Was the analysis the one requested?	Yes / No
2. Do the sample number(s) on the chain-of-custody (COC) match the one(s) that appear on the laboratory data sheet?	Yes / No
3. Were samples prepared (extracted, filtered, etc.) within EPA holding times?	Yes / No
4. Once prepared/extracted, were the samples analyzed within the EPA holding times?	Yes / No
5. Were Laboratory blanks performed, if so, were they below non-detect?	Yes / No
6. Are the units correct? (i.e., soil samples in mg/kg or ug/g, water samples mg/L, ug/L, and air samples in volume mg/m^3,etc.)	Yes / No
7. Were appropriate Matrix Spike (MS) and Matrix Spike Duplicate (MSD) samples included in the laboratory batch sample?	Yes / No
8. In lieu of MS/ MSD, were surrogate spike (SS) or surrogate spike duplicate (SSD) samples included in the laboratory batch samples?	Yes / No
9. Were MS/ MSD (or SS/SSD) within the acceptable range of % recovery (i.e., approx 80-120% depending on analyte)?	Yes / No
10. Were MS/MSD (or SS/SSD) values used to calculate Relative Percent Difference (RPD)?	Yes / No
11. Were Relative Percent Difference values within the acceptable range (i.e. ± 25%)?	Yes / No

If any answer is no, explain why and what corrective action was taken:

Method 8015B: Insufficient 8015-DRO sample was available to perform a MS/MSD associated with preparation batch 440-579542 and analytical batch 440-579986. The LCS was performed in duplicate to provide precision data for this batch: (LCS 440-579542/2-A)
Method 3510C: Insufficient sample volume was available to perform a MS/MSD associated with preparation batch 440-579542. Method 8015B.

eurofins | Environment Testing TestAmerica



ANALYTICAL REPORT

Eurofins TestAmerica, Irvine
17461 Derian Ave
Suite 100
Irvine, CA 92614-5817
Tel: (949)261-1022

Laboratory Job ID: 440-253981-1
Client Project/Site: ARCO 0465, Daly City

For:
Antea Group
11010 White Rock Road
Suite 140
Rancho Cordova, California 95670

Attn: Hannah Mishriki

Authorized for release by:
11/11/2019 1:34:08 PM

Christian Bondoc, Project Manager I
(949)260-3218
christian.bondoc@testamericainc.com

LINKS
Review your project results through TotalAccess
Have a Question? Ask The Expert
Visit us at: www.testamericainc.com

This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Results relate only to the items tested and the sample(s) as received by the laboratory.

The results listed within this Laboratory Report pertain only to the samples tested in the laboratory. The analyses contained in this report were performed in accordance with the BPLAMP Technical Specifications, applicable federal, state, local regulations and certification requirements as well as the methodologies as described in laboratory SOPs reviewed by the BPLAMP. This Laboratory Report is confidential and is intended for the sole use of Eurofins TestAmerica and its client. This report shall not be reproduced, except in full, without written permission from TestAmerica. The signature on the cover page extends to the case narrative and all the data and forms in the package. The Chain of Custody is included and is an integral part of this report.



Christian Bondoc
Project Manager I
11/11/2019 1:34:08 PM

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Definitions/Glossary

Client: Antea Group
Job ID: 440-253981-1
Project/Site: ARCO 0465, Daly City

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
¤	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
PQL	Practical Quantitation Limit
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)

Job ID: 440-253981-1

Laboratory: Eurofins TestAmerica, Irvine

Narrative

Job Narrative
440-253981-1

Comments
No additional comments.

Receipt
The samples were received on 11/6/2019 10:30 AM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperature of the cooler at receipt was 4.3º C.

Receipt Exceptions
One or more containers for the following sample was received broken or leaking: DUP-465_20191105 (440-253981-3). One vial was received broken for this sample.

GC/MS VOA
No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

GC VOA
No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

GC Semi VOA
No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

Organic Prep
Method 3510C: Insufficient sample volume was available to perform a matrix spike/matrix spike duplicate (MS/MSD) associated with preparation batch 440-578743.

Method 3510C: Elevated reporting limits are provided for the following sample due to insufficient sample provided for preparation: DUP-465_20191105 (440-253981-3).

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

VOA Prep
No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

Detection Summary

Client: Antea Group
Project/Site: ARCO 0465, Daly City

Job ID: 440-253981-1

Client Sample ID: MW-18D_20191105 — Lab Sample ID: 440-253981-1

No Detections.

Client Sample ID: V-14_20191105 — Lab Sample ID: 440-253981-2

Analyte	Result	Qualifier	RL		Unit	Dil Fac	D	Method	Prep Type
Methyl-t-Butyl Ether (MTBE)	1.5		0.50		ug/L	1		8260B	Total/NA

Client Sample ID: DUP-465_20191105 — Lab Sample ID: 440-253981-3

Analyte	Result	Qualifier	RL		Unit	Dil Fac	D	Method	Prep Type
Methyl-t-Butyl Ether (MTBE)	1.3		0.50		ug/L	1		8260B	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: MW-18D_20191105

Lab Sample ID: 440-253981-1

Date Collected: 11/05/19 12:20
Matrix: Water
Date Received: 11/06/19 10:30

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromoethane (EDB)	ND		0.50		ug/L			11/08/19 10:54	1
1,2-Dichloroethane	ND		0.50		ug/L			11/08/19 10:54	1
Benzene	ND		0.50		ug/L			11/08/19 10:54	1
Ethanol	ND		150		ug/L			11/08/19 10:54	1
Ethylbenzene	ND		0.50		ug/L			11/08/19 10:54	1
Ethyl-t-butyl ether (ETBE)	ND		0.50		ug/L			11/08/19 10:54	1
Isopropyl Ether (DIPE)	ND		0.50		ug/L			11/08/19 10:54	1
m,p-Xylene	ND		1.0		ug/L			11/08/19 10:54	1
Methyl-t-Butyl Ether (MTBE)	ND		0.50		ug/L			11/08/19 10:54	1
Naphthalene	ND		1.0		ug/L			11/08/19 10:54	1
o-Xylene	ND		0.50		ug/L			11/08/19 10:54	1
Tert-amyl-methyl ether (TAME)	ND		0.50		ug/L			11/08/19 10:54	1
tert-Butyl alcohol (TBA)	ND		10		ug/L			11/08/19 10:54	1
Toluene	ND		0.50		ug/L			11/08/19 10:54	1
Xylenes, Total	ND		1.0		ug/L			11/08/19 10:54	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*107*		*80 - 120*		*11/08/19 10:54*	*1*
Dibromofluoromethane (Surr)	*97*		*76 - 132*		*11/08/19 10:54*	*1*
Toluene-d8 (Surr)	*104*		*80 - 128*		*11/08/19 10:54*	*1*

Method: 8015B - Gasoline Range Organics - (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
GRO (C6-C12)	ND		50		ug/L			11/08/19 22:27	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*97*		*65 - 140*		*11/08/19 22:27*	*1*

Method: 8015B - Stoddard Solvent

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Stod.Sol. RO [C9-C13]	ND		0.048		mg/L		11/07/19 06:18	11/07/19 21:05	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
n-Octacosane	*78*		*45 - 120*	*11/07/19 06:18*	*11/07/19 21:05*	*1*

Client Sample ID: V-14_20191105

Lab Sample ID: 440-253981-2

Date Collected: 11/05/19 14:20
Matrix: Water
Date Received: 11/06/19 10:30

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromoethane (EDB)	ND		0.50		ug/L			11/08/19 11:22	1
1,2-Dichloroethane	ND		0.50		ug/L			11/08/19 11:22	1
Benzene	ND		0.50		ug/L			11/08/19 11:22	1
Ethanol	ND		150		ug/L			11/08/19 11:22	1
Ethylbenzene	ND		0.50		ug/L			11/08/19 11:22	1
Ethyl-t-butyl ether (ETBE)	ND		0.50		ug/L			11/08/19 11:22	1
Isopropyl Ether (DIPE)	ND		0.50		ug/L			11/08/19 11:22	1
m,p-Xylene	ND		1.0		ug/L			11/08/19 11:22	1
Methyl-t-Butyl Ether (MTBE)	**1.5**		0.50		ug/L			11/08/19 11:22	1
Naphthalene	ND		1.0		ug/L			11/08/19 11:22	1

Client Sample ID: V-14_20191105

Lab Sample ID: 440-253981-2

Date Collected: 11/05/19 14:20
Matrix: Water
Date Received: 11/06/19 10:30

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
o-Xylene	ND		0.50		ug/L			11/08/19 11:22	1
Tert-amyl-methyl ether (TAME)	ND		0.50		ug/L			11/08/19 11:22	1
tert-Butyl alcohol (TBA)	ND		10		ug/L			11/08/19 11:22	1
Toluene	ND		0.50		ug/L			11/08/19 11:22	1
Xylenes, Total	ND		1.0		ug/L			11/08/19 11:22	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*106*		*80 - 120*		*11/08/19 11:22*	*1*
Dibromofluoromethane (Surr)	*100*		*76 - 132*		*11/08/19 11:22*	*1*
Toluene-d8 (Surr)	*101*		*80 - 128*		*11/08/19 11:22*	*1*

Method: 8015B - Gasoline Range Organics - (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
GRO (C6-C12)	ND		50		ug/L			11/08/19 22:54	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*98*		*65 - 140*		*11/08/19 22:54*	*1*

Method: 8015B - Stoddard Solvent

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Stod.Sol. RO [C9-C13]	ND		0.047		mg/L		11/07/19 06:18	11/07/19 21:25	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
n-Octacosane	*79*		*45 - 120*	*11/07/19 06:18*	*11/07/19 21:25*	*1*

Client Sample ID: DUP-465_20191105

Lab Sample ID: 440-253981-3

Date Collected: 11/05/19 00:01
Matrix: Water
Date Received: 11/06/19 10:30

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromoethane (EDB)	ND		0.50		ug/L			11/08/19 11:49	1
1,2-Dichloroethane	ND		0.50		ug/L			11/08/19 11:49	1
Benzene	ND		0.50		ug/L			11/08/19 11:49	1
Ethanol	ND		150		ug/L			11/08/19 11:49	1
Ethylbenzene	ND		0.50		ug/L			11/08/19 11:49	1
Ethyl-t-butyl ether (ETBE)	ND		0.50		ug/L			11/08/19 11:49	1
Isopropyl Ether (DIPE)	ND		0.50		ug/L			11/08/19 11:49	1
m,p-Xylene	ND		1.0		ug/L			11/08/19 11:49	1
Methyl-t-Butyl Ether (MTBE)	**1.3**		0.50		ug/L			11/08/19 11:49	1
Naphthalene	ND		1.0		ug/L			11/08/19 11:49	1
o-Xylene	ND		0.50		ug/L			11/08/19 11:49	1
Tert-amyl-methyl ether (TAME)	ND		0.50		ug/L			11/08/19 11:49	1
tert-Butyl alcohol (TBA)	ND		10		ug/L			11/08/19 11:49	1
Toluene	ND		0.50		ug/L			11/08/19 11:49	1
Xylenes, Total	ND		1.0		ug/L			11/08/19 11:49	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*106*		*80 - 120*		*11/08/19 11:49*	*1*
Dibromofluoromethane (Surr)	*101*		*76 - 132*		*11/08/19 11:49*	*1*
Toluene-d8 (Surr)	*106*		*80 - 128*		*11/08/19 11:49*	*1*

Client: Antea Group
Project/Site: ARCO 0465, Daly City

Job ID: 440-253981-1

Client Sample ID: DUP-465_20191105

Lab Sample ID: 440-253981-3

Date Collected: 11/05/19 00:01

Matrix: Water

Date Received: 11/06/19 10:30

Method: 8015B - Gasoline Range Organics - (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
GRO (C6-C12)	ND		50		ug/L			11/08/19 23:20	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*98*		*65 - 140*		*11/08/19 23:20*	*1*

Method: 8015B - Stoddard Solvent

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Stod.Sol. RO [C9-C13]	ND		0.076		mg/L		11/07/19 06:18	11/07/19 21:46	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
n-Octacosane	*70*		*45 - 120*	*11/07/19 06:18*	*11/07/19 21:46*	*1*

Surrogate Summary

Client: Antea Group
Project/Site: ARCO 0465, Daly City

Job ID: 440-253981-1

Method: 8260B - Volatile Organic Compounds (GC/MS)

Matrix: Water — **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)		
Lab Sample ID	Client Sample ID	BFB (80-120)	DBFM (76-132)	TOL (80-128)
440-253981-1	MW-18D_20191105	107	97	104
440-253981-2	V-14_20191105	106	100	101
440-253981-3	DUP-465_20191105	106	101	106
440-253982-A-1 MS	Matrix Spike	104	99	101
440-253982-A-1 MSD	Matrix Spike Duplicate	105	100	103
LCS 440-578980/1002	Lab Control Sample	104	101	102
MB 440-578980/5	Method Blank	109	95	104

Surrogate Legend

BFB = 4-Bromofluorobenzene (Surr)
DBFM = Dibromofluoromethane (Surr)
TOL = Toluene-d8 (Surr)

Method: 8015B - Gasoline Range Organics - (GC)

Matrix: Water — **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)
Lab Sample ID	Client Sample ID	BFB1 (65-140)
440-253981-1	MW-18D_20191105	97
440-253981-2	V-14_20191105	98
440-253981-3	DUP-465_20191105	98
440-253982-A-1 MS	Matrix Spike	103
440-253982-A-1 MSD	Matrix Spike Duplicate	100
LCS 440-579134/27	Lab Control Sample	94
MB 440-579134/28	Method Blank	100

Surrogate Legend

BFB = 4-Bromofluorobenzene (Surr)

Method: 8015B - Stoddard Solvent

Matrix: Water — **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)
Lab Sample ID	Client Sample ID	OTCN1 (45-120)
440-253981-1	MW-18D_20191105	78
440-253981-2	V-14_20191105	79
440-253981-3	DUP-465_20191105	70
LCS 440-578743/2-A	Lab Control Sample	75
LCSD 440-578743/3-A	Lab Control Sample Dup	71
MB 440-578743/1-A	Method Blank	76

Surrogate Legend

OTCN = n-Octacosane

Method: 8260B - Volatile Organic Compounds (GC/MS)

Lab Sample ID: MB 440-578980/5
Matrix: Water
Analysis Batch: 578980

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromoethane (EDB)	ND		0.50		ug/L			11/08/19 08:37	1
1,2-Dichloroethane	ND		0.50		ug/L			11/08/19 08:37	1
Benzene	ND		0.50		ug/L			11/08/19 08:37	1
Ethanol	ND		150		ug/L			11/08/19 08:37	1
Ethylbenzene	ND		0.50		ug/L			11/08/19 08:37	1
Ethyl-t-butyl ether (ETBE)	ND		0.50		ug/L			11/08/19 08:37	1
Isopropyl Ether (DIPE)	ND		0.50		ug/L			11/08/19 08:37	1
m,p-Xylene	ND		1.0		ug/L			11/08/19 08:37	1
Methyl-t-Butyl Ether (MTBE)	ND		0.50		ug/L			11/08/19 08:37	1
Naphthalene	ND		1.0		ug/L			11/08/19 08:37	1
o-Xylene	ND		0.50		ug/L			11/08/19 08:37	1
Tert-amyl-methyl ether (TAME)	ND		0.50		ug/L			11/08/19 08:37	1
tert-Butyl alcohol (TBA)	ND		10		ug/L			11/08/19 08:37	1
Toluene	ND		0.50		ug/L			11/08/19 08:37	1
Xylenes, Total	ND		1.0		ug/L			11/08/19 08:37	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*109*		*80 - 120*		*11/08/19 08:37*	*1*
Dibromofluoromethane (Surr)	*95*		*76 - 132*		*11/08/19 08:37*	*1*
Toluene-d8 (Surr)	*104*		*80 - 128*		*11/08/19 08:37*	*1*

Lab Sample ID: LCS 440-578980/1002
Matrix: Water
Analysis Batch: 578980

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
1,2-Dibromoethane (EDB)			25.0	27.8		ug/L		111	70 - 130		
1,2-Dichloroethane			25.0	27.0		ug/L		108	57 - 138		
Benzene			25.0	25.4		ug/L		102	68 - 130		
Ethanol			1250	987		ug/L		79	50 - 149		
Ethylbenzene			25.0	25.5		ug/L		102	70 - 130		
Ethyl-t-butyl ether (ETBE)			25.0	24.7		ug/L		99	60 - 136		
Isopropyl Ether (DIPE)			25.0	25.4		ug/L		102	58 - 139		
m,p-Xylene			25.0	25.4		ug/L		102	70 - 130		
Methyl-t-Butyl Ether (MTBE)			25.0	25.8		ug/L		103	63 - 131		
Naphthalene			25.0	25.7		ug/L		103	60 - 140		
o-Xylene			25.0	24.4		ug/L		98	70 - 130		
Tert-amyl-methyl ether (TAME)			25.0	24.3		ug/L		97	57 - 139		
tert-Butyl alcohol (TBA)			250	220		ug/L		88	70 - 130		
Toluene			25.0	24.9		ug/L		100	70 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*104*		*80 - 120*
Dibromofluoromethane (Surr)	*101*		*76 - 132*
Toluene-d8 (Surr)	*102*		*80 - 128*

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 440-253982-A-1 MS
Matrix: Water
Analysis Batch: 578980

Client Sample ID: Matrix Spike
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
1,2-Dibromoethane (EDB)	ND		10.0	10.5		ug/L		105	70 - 131
1,2-Dichloroethane	ND		10.0	9.96		ug/L		100	56 - 146
Benzene	ND		10.0	10.2		ug/L		102	66 - 130
Ethanol	ND		500	349		ug/L		70	54 - 150
Ethylbenzene	ND		10.0	9.81		ug/L		98	70 - 130
Ethyl-t-butyl ether (ETBE)	ND		10.0	9.53		ug/L		95	70 - 130
Isopropyl Ether (DIPE)	ND		10.0	9.95		ug/L		100	64 - 138
m,p-Xylene	ND		10.0	9.28		ug/L		93	70 - 133
Methyl-t-Butyl Ether (MTBE)	ND		10.0	10.4		ug/L		104	70 - 130
Naphthalene	ND		10.0	10.1		ug/L		101	60 - 140
o-Xylene	ND		10.0	9.31		ug/L		93	70 - 133
Tert-amyl-methyl ether (TAME)	ND		10.0	9.82		ug/L		98	68 - 133
tert-Butyl alcohol (TBA)	ND		100	103		ug/L		103	70 - 130
Toluene	ND		10.0	9.89		ug/L		99	70 - 130

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*104*		*80 - 120*
Dibromofluoromethane (Surr)	*99*		*76 - 132*
Toluene-d8 (Surr)	*101*		*80 - 128*

Lab Sample ID: 440-253982-A-1 MSD
Matrix: Water
Analysis Batch: 578980

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,2-Dibromoethane (EDB)	ND		10.0	10.5		ug/L		105	70 - 131	0	25
1,2-Dichloroethane	ND		10.0	10.3		ug/L		103	56 - 146	3	20
Benzene	ND		10.0	9.97		ug/L		100	66 - 130	2	20
Ethanol	ND		500	388		ug/L		78	54 - 150	11	30
Ethylbenzene	ND		10.0	9.78		ug/L		98	70 - 130	0	20
Ethyl-t-butyl ether (ETBE)	ND		10.0	9.48		ug/L		95	70 - 130	1	25
Isopropyl Ether (DIPE)	ND		10.0	9.99		ug/L		100	64 - 138	0	25
m,p-Xylene	ND		10.0	9.50		ug/L		95	70 - 133	2	25
Methyl-t-Butyl Ether (MTBE)	ND		10.0	9.74		ug/L		97	70 - 130	7	25
Naphthalene	ND		10.0	10.1		ug/L		101	60 - 140	0	30
o-Xylene	ND		10.0	9.32		ug/L		93	70 - 133	0	20
Tert-amyl-methyl ether (TAME)	ND		10.0	9.57		ug/L		96	68 - 133	3	30
tert-Butyl alcohol (TBA)	ND		100	104		ug/L		104	70 - 130	1	25
Toluene	ND		10.0	10.0		ug/L		100	70 - 130	1	20

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*105*		*80 - 120*
Dibromofluoromethane (Surr)	*100*		*76 - 132*
Toluene-d8 (Surr)	*103*		*80 - 128*

Method: 8015B - Gasoline Range Organics - (GC)

Lab Sample ID: MB 440-579134/28
Matrix: Water
Analysis Batch: 579134

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
GRO (C6-C12)	ND		50		ug/L			11/08/19 20:14	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*100*		*65 - 140*		*11/08/19 20:14*	*1*

Lab Sample ID: LCS 440-579134/27
Matrix: Water
Analysis Batch: 579134

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
GRO (C4-C12)			800	779		ug/L		97	80 - 120		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*94*		*65 - 140*

Lab Sample ID: 440-253982-A-1 MS
Matrix: Water
Analysis Batch: 579134

Client Sample ID: Matrix Spike
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits		
GRO (C4-C12)	ND		800	773		ug/L		97	65 - 140		

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*103*		*65 - 140*

Lab Sample ID: 440-253982-A-1 MSD
Matrix: Water
Analysis Batch: 579134

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
GRO (C4-C12)	ND		800	762		ug/L		95	65 - 140	1	20

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*100*		*65 - 140*

Method: 8015B - Stoddard Solvent

Lab Sample ID: MB 440-578743/1-A
Matrix: Water
Analysis Batch: 578865

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 578743

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Stod.Sol. RO [C9-C13]	ND		0.050		mg/L		11/07/19 06:18	11/07/19 20:44	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
n-Octacosane	*76*		*45 - 120*	*11/07/19 06:18*	*11/07/19 20:44*	*1*

Method: 8015B - Stoddard Solvent (Continued)

Lab Sample ID: LCS 440-578743/2-A
Matrix: Water
Analysis Batch: 578865

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 578743

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
C10-C28			1000	742		ug/L		74	40 - 115		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
n-Octacosane	*75*		*45 - 120*

Lab Sample ID: LCSD 440-578743/3-A
Matrix: Water
Analysis Batch: 578865

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 578743

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
C10-C28			1000	702		ug/L		70	40 - 115	6	25

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
n-Octacosane	*71*		*45 - 120*

QC Association Summary

Client: Antea Group
Project/Site: ARCO 0465, Daly City

Job ID: 440-253981-1

GC/MS VOA

Analysis Batch: 578980

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
440-253981-1	MW-18D_20191105	Total/NA	Water	8260B	
440-253981-2	V-14_20191105	Total/NA	Water	8260B	
440-253981-3	DUP-465_20191105	Total/NA	Water	8260B	
MB 440-578980/5	Method Blank	Total/NA	Water	8260B	
LCS 440-578980/1002	Lab Control Sample	Total/NA	Water	8260B	
440-253982-A-1 MS	Matrix Spike	Total/NA	Water	8260B	
440-253982-A-1 MSD	Matrix Spike Duplicate	Total/NA	Water	8260B	

GC VOA

Analysis Batch: 579134

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
440-253981-1	MW-18D_20191105	Total/NA	Water	8015B	
440-253981-2	V-14_20191105	Total/NA	Water	8015B	
440-253981-3	DUP-465_20191105	Total/NA	Water	8015B	
MB 440-579134/28	Method Blank	Total/NA	Water	8015B	
LCS 440-579134/27	Lab Control Sample	Total/NA	Water	8015B	
440-253982-A-1 MS	Matrix Spike	Total/NA	Water	8015B	
440-253982-A-1 MSD	Matrix Spike Duplicate	Total/NA	Water	8015B	

GC Semi VOA

Prep Batch: 578743

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
440-253981-1	MW-18D_20191105	Total/NA	Water	3510C	
440-253981-2	V-14_20191105	Total/NA	Water	3510C	
440-253981-3	DUP-465_20191105	Total/NA	Water	3510C	
MB 440-578743/1-A	Method Blank	Total/NA	Water	3510C	
LCS 440-578743/2-A	Lab Control Sample	Total/NA	Water	3510C	
LCSD 440-578743/3-A	Lab Control Sample Dup	Total/NA	Water	3510C	

Analysis Batch: 578865

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
440-253981-1	MW-18D_20191105	Total/NA	Water	8015B	578743
440-253981-2	V-14_20191105	Total/NA	Water	8015B	578743
440-253981-3	DUP-465_20191105	Total/NA	Water	8015B	578743
MB 440-578743/1-A	Method Blank	Total/NA	Water	8015B	578743
LCS 440-578743/2-A	Lab Control Sample	Total/NA	Water	8015B	578743
LCSD 440-578743/3-A	Lab Control Sample Dup	Total/NA	Water	8015B	578743

Lab Chronicle

Client: Antea Group
Project/Site: ARCO 0465, Daly City

Job ID: 440-253981-1

Client Sample ID: MW-18D_20191105

Lab Sample ID: 440-253981-1

Date Collected: 11/05/19 12:20

Matrix: Water

Date Received: 11/06/19 10:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	578980	11/08/19 10:54	GMA	TAL IRV
Total/NA	Analysis	8015B		1	579134	11/08/19 22:27	HKC	TAL IRV
Total/NA	Prep	3510C			578743	11/07/19 06:18	L1H	TAL IRV
Total/NA	Analysis	8015B		1	578865	11/07/19 21:05	D1D	TAL IRV

Client Sample ID: V-14_20191105

Lab Sample ID: 440-253981-2

Date Collected: 11/05/19 14:20

Matrix: Water

Date Received: 11/06/19 10:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	578980	11/08/19 11:22	GMA	TAL IRV
Total/NA	Analysis	8015B		1	579134	11/08/19 22:54	HKC	TAL IRV
Total/NA	Prep	3510C			578743	11/07/19 06:18	L1H	TAL IRV
Total/NA	Analysis	8015B		1	578865	11/07/19 21:25	D1D	TAL IRV

Client Sample ID: DUP-465_20191105

Lab Sample ID: 440-253981-3

Date Collected: 11/05/19 00:01

Matrix: Water

Date Received: 11/06/19 10:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	578980	11/08/19 11:49	GMA	TAL IRV
Total/NA	Analysis	8015B		1	579134	11/08/19 23:20	HKC	TAL IRV
Total/NA	Prep	3510C			578743	11/07/19 06:18	L1H	TAL IRV
Total/NA	Analysis	8015B		1	578865	11/07/19 21:46	D1D	TAL IRV

Laboratory References:

TAL IRV = Eurofins TestAmerica, Irvine, 17461 Derian Ave, Suite 100, Irvine, CA 92614-5817, TEL (949)261-1022

Accreditation/Certification Summary

Client: Antea Group
Job ID: 440-253981-1
Project/Site: ARCO 0465, Daly City

Laboratory: Eurofins TestAmerica, Irvine

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Program	Identification Number	Expiration Date
California	State Program	CA ELAP 2706	06-30-20

The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.

Analysis Method	Prep Method	Matrix	Analyte
8015B		Water	GRO (C6-C12)
8015B	3510C	Water	Stod.Sol. RO [C9-C13]
8260B		Water	Ethanol

Method Summary

Client: Antea Group
Project/Site: ARCO 0465, Daly City

Job ID: 440-253981-1

Method	Method Description	Protocol	Laboratory
8260B	Volatile Organic Compounds (GC/MS)	SW846	TAL IRV
8015B	Gasoline Range Organics - (GC)	SW846	TAL IRV
8015B	Stoddard Solvent	SW846	TAL IRV
3510C	Liquid-Liquid Extraction (Separatory Funnel)	SW846	TAL IRV
5030B	Purge and Trap	SW846	TAL IRV

Protocol References:

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

TAL IRV = Eurofins TestAmerica, Irvine, 17461 Derian Ave, Suite 100, Irvine, CA 92614-5817, TEL (949)261-1022

Sample Summary

Client: Antea Group
Project/Site: ARCO 0465, Daly City

Job ID: 440-253981-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Asset ID
440-253981-1	MW-18D_20191105	Water	11/05/19 12:20	11/06/19 10:30	
440-253981-2	V-14_20191105	Water	11/05/19 14:20	11/06/19 10:30	
440-253981-3	DUP-465_20191105	Water	11/05/19 00:01	11/06/19 10:30	

Laboratory Management Program (LaMP) Chain of Custody Record
Soil, Sediment and Groundwater Samples

BP Site Node Peth: BP > USA > CA > SAN MATEO > 465 > PMPv4 > 1995 Release
Req Due Date (mm/dd/yy):
Rush TAT Yes ____ No X
BP/RM Facility No: ARCO No. 00465
Lab Work Order Number:

Lab Name	TestAmerica	BP/ARC Facility Address	151 Southgate Ave	Consultant/Contractor	Antea Group
Lab Address	17461 Derian Ave , Ste 100, Irvine, CA 92614	City, State, ZIP Code	Daly City, CA, 94015	Consultant/Contractor Project No	00465EA191
Lab PM	Christian Bondoc	Lead Regulatory Agency	San Mateo County GPP	Address	11010 White Rock Road, Suite 140, Rancho Cordova, CA 95670
Lab Phone	949-261-1022	California Global ID No	T0608100027	Consultant/Contractor PM	Hannah Mishriki
Lab Shipping Acct	FedEx # 1103-6633-7	Enfos Proposal No	003SB-0007/WR329286	Phone 610-390-7059	Email hannah.mishriki@anteagroup.com
Lab Bottle Order No		Accounting Mode Provision	__X__ OOC-BU ____ OOC-RM ____	Send/Submit EDD to	See Special Instructions
Other Info		Stage 40	Activity 123	Invoice To	BP-RM ___X___ BP-Other ____

BP/RM PM	Wade Melton
PM Phone	360-594-7978
PM Email	wade.melton@bp.com

Lab No.	Unique Sample ID, must follow format of SAMPLENAMEYYYYMMDD Examples: MW01_20190101; BH01_3-5_20190101	Time	Depth Unit	Grab (G) or Composite (C)	Total Number of Containers	Matrix	GRO (C6-C12) by 8015B	Ethanol/BTEX/5 Oxys/Naph by EPA 8260	EDB & 1,2-DCA by 8260	Stoddard Solvents by 8015B	Comments
	Requested Analyses: Filtered (Y/N)						N	N	N	N	Report Type & QC Level: Limited (Standard) Package ____
	Requested Analyses: Preservation						N	N	N	N	Limited Plus Package ____
											Full Package ____
	MW-16D_201911					GW	x	x	x	x	MS/MSD
	MW-18D_20191105	1220	-	G	7	GW	x	x	x	x	
	MW-19D_201911					GW	x	x	x	x	
	V-14_20191105	1420	-	G	7	GW	x	x	x	x	
	DUP-465_20191105	—	-	-	7	GW	x	x	x	x	
	TB-465_201911					W	x	x			

440-253981 Chain of Custody

11/6/19

Sampler's Name	Leo Karcz	Relinquished By / Affiliation	Date	Time	Accepted By / Affiliation	Date	Time
Sampler's Company	Antea Group	Leo Karcz / Antea Group	11/5	1715		11/6/19	1030
Ship Method	FedEx Overnight Ship Date						
Shipment Tracking No	1119 ~~9940~~ 8749 7194						

Special Instructions: 5 Oxygenates to include TAME / TBA / DIPE / ETBE / MTBE Send EDD/EDF to AGDataView US@anteagroup.com, sandy.hayes@anteagroup.com, bryan.taylor@anteagroup.com, hannah.mishriki@anteagroup.com, ian.treat@anteagroup.com, jo.black@anteagroup.com, and lab.enfosdoc@bp.com

THIS LINE - LAB USE ONLY Custody Seals In Place Yes / No | Temp Blank Yes / No | Cooler Temp on Receipt 4.6 °F/C | Trip Blank Yes / No | MS/MSD Sample Submitted Yes / No

4.3 IA-B3

BP LaMP Soil/H2O COC March 2019

Proprietary and Confidential
Property of BP and its Affiliates

Login Sample Receipt Checklist

Client: Antea Group

Job Number: 440-253981-1

Login Number: 253981
List Number: 1
Creator: Dolidze, Lado

List Source: Eurofins TestAmerica, Irvine

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	True	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	N/A	Not Present
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	False	Containers recd broken. Sufficient sample in remaining containers for analysis.
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

Rivera, Tiffany

From: Rivera, Tiffany
Sent: Friday, November 08, 2019 9:06 AM
To: AGDataView.us Antea Group; Bryan Taylor; Hannah Mishriki; Ian Treat; Jo Black; Katelynn Smith; Sandy Hayes; Stephen Harrington
Subject: Eurofins TestAmerica sample confirmation files from 440-253981-1 ARCO 0465, Daly City
Attachments: COC 440-253981 (201911071156).pdf; SmpLoginAckLimits_440-253981-1 [Std_Tal_Login_Limits].pdf; SampleLoginAck_440-253981-1 [Std_Tal_Login_Ack].pdf

Hello,

Attached please find the sample confirmation files for job 440-253981-1; ARCO 0465, Daly City

One of the vials for DUP-465_20191105 was received broken. It was removed from the log in.

Please feel free to contact me or your PM Christian Bondoc if you have any questions.

Thank you.

Tiffany 1 Rivera
Project Manager Assistant

Eurofins TestAmerica, Irvine

E-mail: tiffany.rivera@testamericainc.com
www.eurofinsus.com | www.testamericainc.com

Reference: [440-564025]
Attachments: 3

Please let us know if we met your expectations by rating the service you received from Eurofins TestAmerica on this project by visiting our website at: Project Feedback

GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins TestAmerica, Irvine Job No.: 440-253981-1

SDG No.:

Batch Number: 578980 Batch Start Date: 11/08/19 06:43 Batch Analyst: Alcasid, Gelico M

Batch Method: 8260B Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	Initial pH	VMW8260T1CCV1 00126	VMWNU8260IS5X 00035	
MB 440-578980/5		8260B		10 mL	10 mL			1 uL	
440-253982-A-1	MW-16D_20191105	8260B	T	10 mL	10 mL	7 SU		1 uL	
440-253982-A-1 MS	MW-16D_20191105	8260B	T	10 mL	10 mL	7 SU	2 uL	1 uL	
440-253982-A-1 MSD	MW-16D_20191105	8260B	T	10 mL	10 mL	7 SU	2 uL	1 uL	
440-253981-A-1	MW-18D_20191105	8260B	T	10 mL	10 mL	6 SU		1 uL	
440-253981-A-2	V-14_20191105	8260B	T	10 mL	10 mL	6 SU		1 uL	
440-253981-A-3	DUP-465_20191105	8260B	T	10 mL	10 mL	6 SU		1 uL	
LCS 440-578980/1002		8260B		10 mL	10 mL		5 uL	1 uL	

Batch Notes	
pH Indicator ID	220416A
Pipette/Syringe/Dispenser ID	OH44AN / Voa - 02
Vial Lot Number	0103701E

Basis	Basis Description
T	Total/NA

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GASOLINE RANGE ORGANICS BATCH WORKSHEET

Lab Name: Eurofins TestAmerica, Irvine Job No.: 440-253981-1

SDG No.:

Batch Number: 579134 Batch Start Date: 11/08/19 08:05 Batch Analyst: Coleman, Hailley K

Batch Method: 8015B Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	Initial pH	VG-LCSTPH1000 00460	VG-SURR100PPM 00191	
LCS 440-579134/27		8015B		10 mL	10 mL	n/a SU	8 uL	5 uL	
MB 440-579134/28		8015B		10 mL	10 mL	n/a SU		5 uL	
440-253982-C-1	MW-16D_20191105	8015B	T	10 mL	10 mL	7 SU		5 uL	
440-253982-A-1 MS	MW-16D_20191105	8015B	T	10 mL	10 mL	7 SU	8 uL	5 uL	
440-253982-A-1 MSD	MW-16D_20191105	8015B	T	10 mL	10 mL	7 SU	8 uL	5 uL	
440-253981-C-1	MW-18D_20191105	8015B	T	10 mL	10 mL	7 SU		5 uL	
440-253981-C-2	V-14_20191105	8015B	T	10 mL	10 mL	7 SU		5 uL	
440-253981-C-3	DUP-465_20191105	8015B	T	10 mL	10 mL	7 SU		5 uL	

Batch Notes	
pH Indicator ID	HC991818/220416A
Pipette/Syringe/Dispenser ID	OH44AN/VOA-03/02-681-412
Vial Lot Number	0217701E

Basis	Basis Description
T	Total/NA

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

DIESEL RANGE ORGANICS BATCH WORKSHEET

Lab Name: Eurofins TestAmerica, Irvine Job No.: 440-253981-1

SDG No.:

Batch Number: 578743 Batch Start Date: 11/07/19 06:18 Batch Analyst: Herrera, Lizette 1

Batch Method: 3510C Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Basis	GrossWeight	TareWeight	InitialAmount	FinalAmount	ReceivedpH	gc8015dslLCSA 00118
MB 440-578743/1		3510C, 8015B				1000 mL	1 mL	6 SU	
LCS 440-578743/2		3510C, 8015B				1000 mL	1 mL	6 SU	1 mL
LCSD 440-578743/3		3510C, 8015B				1000 mL	1 mL	6 SU	1 mL
440-253981-G-1	MW-18D_20191105	3510C, 8015B	T	1555 g	505 g	1050 mL	1 mL	6 SU	
440-253981-G-2	V-14_20191105	3510C, 8015B	T	1565 g	0505 g	1060 mL	1 mL	6 SU	
440-253981-G-3	DUP-465_20191105	3510C, 8015B	T	1165 g	0505 g	660 mL	1 mL	6 SU	

Lab Sample ID	Client Sample ID	Method Chain	Basis	gc8015dslSURR 00098	AnalysisComment				
MB 440-578743/1		3510C, 8015B		0.2 mL					
LCS 440-578743/2		3510C, 8015B		0.2 mL					
LCSD 440-578743/3		3510C, 8015B		0.2 mL					
440-253981-G-1	MW-18D_20191105	3510C, 8015B	T	0.2 mL	Cloudy				
440-253981-G-2	V-14_20191105	3510C, 8015B	T	0.2 mL	Cloudy				
440-253981-G-3	DUP-465_20191105	3510C, 8015B	T	0.2 mL	Cloudy				

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

DIESEL RANGE ORGANICS BATCH WORKSHEET

Lab Name: Eurofins TestAmerica, Irvine Job No.: 440-253981-1

SDG No.:

Batch Number: 578743 Batch Start Date: 11/07/19 06:18 Batch Analyst: Herrera, Lizette 1

Batch Method: 3510C Batch End Date:

Batch Notes	
Balance ID	68
Batch Comment	3510C 8015B
Analyst ID - Concentration	LH LA
Concentration 1 Corrected Temperature	35 Degrees C
Equipment ID - Concentration 1	TV 12, 13 02
Analyst ID - Extraction	LH LA
Filter ID	FT-3-102-150
Method/Fraction	3510C 8015B SURR ID 5736803 SPIKE ID 57955879
Na2SO4 ID	5839902
pH Indicator ID	HC989495
Pipette/Syringe/Dispenser ID	9"Disposable / 040319500A 1203181000A
Prep Solvent ID	DCM 5907849
Prep Solvent Volume Used	180 mL
Analyst ID - Spike Analyst	LA
Sufficient Volume for Batch QC	Yes
Concentration 1 Uncorrected Temperature	35 Degrees C
Vial Lot Number	Thermo Scientific 18343248
Reagent Water ID	Nano pure water

Basis	Basis Description
T	Total/NA

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

Is the Data Valid? (circle) Yes / No	Preservation Temperature (if Known): 4.3 ºC

Antea®Group Lab Validation Sheet

Project/Client: BP 465
Project #: 00465EA191
Date of Validation: 11/12/19
Completed By: Leo Karcz **Signature:** Leo Karcz
Analytical Lab Used and Report # (if any): 440-253981-1

	Circle or Highlight Yes/No below
1. Was the analysis the one requested?	Yes / No
2. Do the sample number(s) on the chain-of-custody (COC) match the one(s) that appear on the laboratory data sheet?	Yes / No
3. Were samples prepared (extracted, filtered, etc.) within EPA holding times?	Yes / No
4. Once prepared/extracted, were the samples analyzed within the EPA holding times?	Yes / No
5. Were Laboratory blanks performed, if so, were they below non-detect?	Yes / No
6. Are the units correct? (i.e., soil samples in mg/kg or ug/g, water samples mg/L, ug/L, and air samples in volume mg/m^3,etc.)	Yes / No
7. Were appropriate Matrix Spike (MS) and Matrix Spike Duplicate (MSD) samples included in the laboratory batch sample?	Yes / No
8. In lieu of MS/ MSD, were surrogate spike (SS) or surrogate spike duplicate (SSD) samples included in the laboratory batch samples?	Yes / No
9. Were MS/ MSD (or SS/SSD) within the acceptable range of % recovery (i.e., approx 80-120% depending on analyte)?	Yes / No
10. Were MS/MSD (or SS/SSD) values used to calculate Relative Percent Difference (RPD)?	Yes / No
11. Were Relative Percent Difference values within the acceptable range (i.e. ± 25%)?	Yes / No

If any answer is no, explain why and what corrective action was taken:

The laboratory noted the following qualifier(s) in the lab report:

eurofins | Environment Testing TestAmerica



ANALYTICAL REPORT

Eurofins TestAmerica, Irvine
17461 Derian Ave
Suite 100
Irvine, CA 92614-5817
Tel: (949)261-1022

Laboratory Job ID: 440-253982-1
Client Project/Site: ARCO 0465, Daly City

For:
Antea Group
11010 White Rock Road
Suite 140
Rancho Cordova, California 95670

Attn: Hannah Mishriki

Authorized for release by:
11/18/2019 12:33:46 PM

Christian Bondoc, Project Manager I
(949)260-3218
christian.bondoc@testamericainc.com

LINKS

Review your project results through TotalAccess

Have a Question? Ask The Expert

Visit us at: www.testamericainc.com

This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Results relate only to the items tested and the sample(s) as received by the laboratory.

The results listed within this Laboratory Report pertain only to the samples tested in the laboratory. The analyses contained in this report were performed in accordance with the BPLAMP Technical Specifications, applicable federal, state, local regulations and certification requirements as well as the methodologies as described in laboratory SOPs reviewed by the BPLAMP. This Laboratory Report is confidential and is intended for the sole use of Eurofins TestAmerica and its client. This report shall not be reproduced, except in full, without written permission from TestAmerica. The signature on the cover page extends to the case narrative and all the data and forms in the package. The Chain of Custody is included and is an integral part of this report.



Christian Bondoc
Project Manager I
11/18/2019 12:33:46 PM

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Definitions/Glossary

Client: Antea Group
Project/Site: ARCO 0465, Daly City

Job ID: 440-253982-1

Qualifiers

GC Semi VOA

Qualifier	Qualifier Description
LG	LG=Surrogate recovery below the acceptance limits

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
¤	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
PQL	Practical Quantitation Limit
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)

Job ID: 440-253982-1

Laboratory: Eurofins TestAmerica, Irvine

Narrative

Job Narrative
440-253982-1

Comments
No additional comments.

Receipt
The samples were received on 11/6/2019 10:30 AM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperature of the cooler at receipt was 4.8º C.

GC/MS VOA
No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

GC VOA
No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

GC Semi VOA
No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

Organic Prep
No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

VOA Prep
No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

Detection Summary

Client: Antea Group
Project/Site: ARCO 0465, Daly City

Job ID: 440-253982-1

Client Sample ID: MW-16D_20191105 — Lab Sample ID: 440-253982-1

No Detections.

Client Sample ID: TB-465_20191105 — Lab Sample ID: 440-253982-2

No Detections.

This Detection Summary does not include radiochemical test results.

Client Sample ID: MW-16D_20191105

Lab Sample ID: 440-253982-1

Date Collected: 11/05/19 11:40
Matrix: Water
Date Received: 11/06/19 10:30

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromoethane (EDB)	ND		0.50		ug/L			11/08/19 09:05	1
1,2-Dichloroethane	ND		0.50		ug/L			11/08/19 09:05	1
Benzene	ND		0.50		ug/L			11/08/19 09:05	1
Ethanol	ND		150		ug/L			11/08/19 09:05	1
Ethylbenzene	ND		0.50		ug/L			11/08/19 09:05	1
Ethyl-t-butyl ether (ETBE)	ND		0.50		ug/L			11/08/19 09:05	1
Isopropyl Ether (DIPE)	ND		0.50		ug/L			11/08/19 09:05	1
m,p-Xylene	ND		1.0		ug/L			11/08/19 09:05	1
Methyl-t-Butyl Ether (MTBE)	ND		0.50		ug/L			11/08/19 09:05	1
Naphthalene	ND		1.0		ug/L			11/08/19 09:05	1
o-Xylene	ND		0.50		ug/L			11/08/19 09:05	1
Tert-amyl-methyl ether (TAME)	ND		0.50		ug/L			11/08/19 09:05	1
tert-Butyl alcohol (TBA)	ND		10		ug/L			11/08/19 09:05	1
Toluene	ND		0.50		ug/L			11/08/19 09:05	1
Xylenes, Total	ND		1.0		ug/L			11/08/19 09:05	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*102*		*80 - 120*		*11/08/19 09:05*	*1*
Dibromofluoromethane (Surr)	*97*		*76 - 132*		*11/08/19 09:05*	*1*
Toluene-d8 (Surr)	*106*		*80 - 128*		*11/08/19 09:05*	*1*

Method: 8015B - Gasoline Range Organics - (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
GRO (C6-C12)	ND		50		ug/L			11/08/19 20:41	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*99*		*65 - 140*		*11/08/19 20:41*	*1*

Method: 8015B - Stoddard Solvent

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Stod.Sol. RO [C9-C13]	ND		0.047		mg/L		11/07/19 06:03	11/08/19 19:47	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
n-Octacosane	*76*		*45 - 120*	*11/07/19 06:03*	*11/08/19 19:47*	*1*

Client Sample ID: TB-465_20191105

Lab Sample ID: 440-253982-2

Date Collected: 11/05/19 00:01
Matrix: Water
Date Received: 11/06/19 10:30

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.50		ug/L			11/08/19 10:27	1
Ethanol	ND		150		ug/L			11/08/19 10:27	1
Ethylbenzene	ND		0.50		ug/L			11/08/19 10:27	1
Ethyl-t-butyl ether (ETBE)	ND		0.50		ug/L			11/08/19 10:27	1
Isopropyl Ether (DIPE)	ND		0.50		ug/L			11/08/19 10:27	1
m,p-Xylene	ND		1.0		ug/L			11/08/19 10:27	1
Methyl-t-Butyl Ether (MTBE)	ND		0.50		ug/L			11/08/19 10:27	1
Naphthalene	ND		1.0		ug/L			11/08/19 10:27	1
o-Xylene	ND		0.50		ug/L			11/08/19 10:27	1
Tert-amyl-methyl ether (TAME)	ND		0.50		ug/L			11/08/19 10:27	1

Client: Antea Group
Project/Site: ARCO 0465, Daly City

Job ID: 440-253982-1

Client Sample ID: TB-465_20191105
Date Collected: 11/05/19 00:01
Date Received: 11/06/19 10:30

Lab Sample ID: 440-253982-2
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
tert-Butyl alcohol (TBA)	ND		10		ug/L			11/08/19 10:27	1
Toluene	ND		0.50		ug/L			11/08/19 10:27	1
Xylenes, Total	ND		1.0		ug/L			11/08/19 10:27	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*102*		*80 - 120*		*11/08/19 10:27*	*1*
Dibromofluoromethane (Surr)	*101*		*76 - 132*		*11/08/19 10:27*	*1*
Toluene-d8 (Surr)	*106*		*80 - 128*		*11/08/19 10:27*	*1*

Method: 8015B - Gasoline Range Organics - (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
GRO (C6-C12)	ND		50		ug/L			11/08/19 22:00	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*97*		*65 - 140*		*11/08/19 22:00*	*1*

Surrogate Summary

Client: Antea Group
Project/Site: ARCO 0465, Daly City

Job ID: 440-253982-1

Method: 8260B - Volatile Organic Compounds (GC/MS)

Matrix: Water — **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)		
Lab Sample ID	Client Sample ID	BFB (80-120)	DBFM (76-132)	TOL (80-128)
440-253982-1	MW-16D_20191105	102	97	106
440-253982-1 MS	MW-16D_20191105	104	99	101
440-253982-1 MSD	MW-16D_20191105	105	100	103
440-253982-2	TB-465_20191105	102	101	106
LCS 440-578980/1002	Lab Control Sample	104	101	102
MB 440-578980/5	Method Blank	109	95	104

Surrogate Legend

BFB = 4-Bromofluorobenzene (Surr)
DBFM = Dibromofluoromethane (Surr)
TOL = Toluene-d8 (Surr)

Method: 8015B - Gasoline Range Organics - (GC)

Matrix: Water — **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)
Lab Sample ID	Client Sample ID	BFB1 (65-140)
440-253982-1	MW-16D_20191105	99
440-253982-1 MS	MW-16D_20191105	103
440-253982-1 MSD	MW-16D_20191105	100
440-253982-2	TB-465_20191105	97
LCS 440-579134/27	Lab Control Sample	94
MB 440-579134/28	Method Blank	100

Surrogate Legend

BFB = 4-Bromofluorobenzene (Surr)

Method: 8015B - Stoddard Solvent

Matrix: Water — **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)
Lab Sample ID	Client Sample ID	OTCN1 (45-120)
440-253982-1	MW-16D_20191105	76
440-253982-1 MS	MW-16D_20191105	40 LG
440-253982-1 MSD	MW-16D_20191105	71
LCS 440-578735/2-A	Lab Control Sample	80
MB 440-578735/1-A	Method Blank	94

Surrogate Legend

OTCN = n-Octacosane

Method: 8260B - Volatile Organic Compounds (GC/MS)

Lab Sample ID: MB 440-578980/5
Matrix: Water
Analysis Batch: 578980

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromoethane (EDB)	ND		0.50		ug/L			11/08/19 08:37	1
1,2-Dichloroethane	ND		0.50		ug/L			11/08/19 08:37	1
Benzene	ND		0.50		ug/L			11/08/19 08:37	1
Ethanol	ND		150		ug/L			11/08/19 08:37	1
Ethylbenzene	ND		0.50		ug/L			11/08/19 08:37	1
Ethyl-t-butyl ether (ETBE)	ND		0.50		ug/L			11/08/19 08:37	1
Isopropyl Ether (DIPE)	ND		0.50		ug/L			11/08/19 08:37	1
m,p-Xylene	ND		1.0		ug/L			11/08/19 08:37	1
Methyl-t-Butyl Ether (MTBE)	ND		0.50		ug/L			11/08/19 08:37	1
Naphthalene	ND		1.0		ug/L			11/08/19 08:37	1
o-Xylene	ND		0.50		ug/L			11/08/19 08:37	1
Tert-amyl-methyl ether (TAME)	ND		0.50		ug/L			11/08/19 08:37	1
tert-Butyl alcohol (TBA)	ND		10		ug/L			11/08/19 08:37	1
Toluene	ND		0.50		ug/L			11/08/19 08:37	1
Xylenes, Total	ND		1.0		ug/L			11/08/19 08:37	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*109*		*80 - 120*		*11/08/19 08:37*	*1*
Dibromofluoromethane (Surr)	*95*		*76 - 132*		*11/08/19 08:37*	*1*
Toluene-d8 (Surr)	*104*		*80 - 128*		*11/08/19 08:37*	*1*

Lab Sample ID: LCS 440-578980/1002
Matrix: Water
Analysis Batch: 578980

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
1,2-Dibromoethane (EDB)			25.0	27.8		ug/L		111	70 - 130		
1,2-Dichloroethane			25.0	27.0		ug/L		108	57 - 138		
Benzene			25.0	25.4		ug/L		102	68 - 130		
Ethanol			1250	987		ug/L		79	50 - 149		
Ethylbenzene			25.0	25.5		ug/L		102	70 - 130		
Ethyl-t-butyl ether (ETBE)			25.0	24.7		ug/L		99	60 - 136		
Isopropyl Ether (DIPE)			25.0	25.4		ug/L		102	58 - 139		
m,p-Xylene			25.0	25.4		ug/L		102	70 - 130		
Methyl-t-Butyl Ether (MTBE)			25.0	25.8		ug/L		103	63 - 131		
Naphthalene			25.0	25.7		ug/L		103	60 - 140		
o-Xylene			25.0	24.4		ug/L		98	70 - 130		
Tert-amyl-methyl ether (TAME)			25.0	24.3		ug/L		97	57 - 139		
tert-Butyl alcohol (TBA)			250	220		ug/L		88	70 - 130		
Toluene			25.0	24.9		ug/L		100	70 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*104*		*80 - 120*
Dibromofluoromethane (Surr)	*101*		*76 - 132*
Toluene-d8 (Surr)	*102*		*80 - 128*

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 440-253982-1 MS
Matrix: Water
Analysis Batch: 578980

Client Sample ID: MW-16D_20191105
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
1,2-Dibromoethane (EDB)	ND		10.0	10.5		ug/L		105	70 - 131
1,2-Dichloroethane	ND		10.0	9.96		ug/L		100	56 - 146
Benzene	ND		10.0	10.2		ug/L		102	66 - 130
Ethanol	ND		500	349		ug/L		70	54 - 150
Ethylbenzene	ND		10.0	9.81		ug/L		98	70 - 130
Ethyl-t-butyl ether (ETBE)	ND		10.0	9.53		ug/L		95	70 - 130
Isopropyl Ether (DIPE)	ND		10.0	9.95		ug/L		100	64 - 138
m,p-Xylene	ND		10.0	9.28		ug/L		93	70 - 133
Methyl-t-Butyl Ether (MTBE)	ND		10.0	10.4		ug/L		104	70 - 130
Naphthalene	ND		10.0	10.1		ug/L		101	60 - 140
o-Xylene	ND		10.0	9.31		ug/L		93	70 - 133
Tert-amyl-methyl ether (TAME)	ND		10.0	9.82		ug/L		98	68 - 133
tert-Butyl alcohol (TBA)	ND		100	103		ug/L		103	70 - 130
Toluene	ND		10.0	9.89		ug/L		99	70 - 130

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*104*		*80 - 120*
Dibromofluoromethane (Surr)	*99*		*76 - 132*
Toluene-d8 (Surr)	*101*		*80 - 128*

Lab Sample ID: 440-253982-1 MSD
Matrix: Water
Analysis Batch: 578980

Client Sample ID: MW-16D_20191105
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,2-Dibromoethane (EDB)	ND		10.0	10.5		ug/L		105	70 - 131	0	25
1,2-Dichloroethane	ND		10.0	10.3		ug/L		103	56 - 146	3	20
Benzene	ND		10.0	9.97		ug/L		100	66 - 130	2	20
Ethanol	ND		500	388		ug/L		78	54 - 150	11	30
Ethylbenzene	ND		10.0	9.78		ug/L		98	70 - 130	0	20
Ethyl-t-butyl ether (ETBE)	ND		10.0	9.48		ug/L		95	70 - 130	1	25
Isopropyl Ether (DIPE)	ND		10.0	9.99		ug/L		100	64 - 138	0	25
m,p-Xylene	ND		10.0	9.50		ug/L		95	70 - 133	2	25
Methyl-t-Butyl Ether (MTBE)	ND		10.0	9.74		ug/L		97	70 - 130	7	25
Naphthalene	ND		10.0	10.1		ug/L		101	60 - 140	0	30
o-Xylene	ND		10.0	9.32		ug/L		93	70 - 133	0	20
Tert-amyl-methyl ether (TAME)	ND		10.0	9.57		ug/L		96	68 - 133	3	30
tert-Butyl alcohol (TBA)	ND		100	104		ug/L		104	70 - 130	1	25
Toluene	ND		10.0	10.0		ug/L		100	70 - 130	1	20

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*105*		*80 - 120*
Dibromofluoromethane (Surr)	*100*		*76 - 132*
Toluene-d8 (Surr)	*103*		*80 - 128*

Method: 8015B - Gasoline Range Organics - (GC)

Lab Sample ID: MB 440-579134/28
Matrix: Water
Analysis Batch: 579134

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
GRO (C6-C12)	ND		50		ug/L			11/08/19 20:14	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*100*		*65 - 140*		*11/08/19 20:14*	*1*

Lab Sample ID: LCS 440-579134/27
Matrix: Water
Analysis Batch: 579134

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
GRO (C4-C12)			800	779		ug/L		97	80 - 120		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*94*		*65 - 140*

Lab Sample ID: 440-253982-1 MS
Matrix: Water
Analysis Batch: 579134

Client Sample ID: MW-16D_20191105
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits		
GRO (C4-C12)	ND		800	773		ug/L		97	65 - 140		

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*103*		*65 - 140*

Lab Sample ID: 440-253982-1 MSD
Matrix: Water
Analysis Batch: 579134

Client Sample ID: MW-16D_20191105
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
GRO (C4-C12)	ND		800	762		ug/L		95	65 - 140	1	20

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*100*		*65 - 140*

Method: 8015B - Stoddard Solvent

Lab Sample ID: MB 440-578735/1-A
Matrix: Water
Analysis Batch: 579014

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 578735

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Stod.Sol. RO [C9-C13]	ND		0.050		mg/L		11/07/19 06:03	11/08/19 18:46	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
n-Octacosane	*94*		*45 - 120*	*11/07/19 06:03*	*11/08/19 18:46*	*1*

Method: 8015B - Stoddard Solvent (Continued)

Lab Sample ID: LCS 440-578735/2-A
Matrix: Water
Analysis Batch: 579014

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 578735

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
C10-C28			1000	774		ug/L		77	40 - 115		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
n-Octacosane	*80*		*45 - 120*

Lab Sample ID: 440-253982-1 MS
Matrix: Water
Analysis Batch: 579014

Client Sample ID: MW-16D_20191105
Prep Type: Total/NA
Prep Batch: 578735

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits		
C10-C28	130		957	795		ug/L		69	40 - 120		

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
n-Octacosane	*40*	*LG*	*45 - 120*

Lab Sample ID: 440-253982-1 MSD
Matrix: Water
Analysis Batch: 579014

Client Sample ID: MW-16D_20191105
Prep Type: Total/NA
Prep Batch: 578735

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
C10-C28	130		957	759		ug/L		65	40 - 120	5	30

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
n-Octacosane	*71*		*45 - 120*

QC Association Summary

Client: Antea Group
Project/Site: ARCO 0465, Daly City

Job ID: 440-253982-1

GC/MS VOA

Analysis Batch: 578980

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
440-253982-1	MW-16D_20191105	Total/NA	Water	8260B	
440-253982-2	TB-465_20191105	Total/NA	Water	8260B	
MB 440-578980/5	Method Blank	Total/NA	Water	8260B	
LCS 440-578980/1002	Lab Control Sample	Total/NA	Water	8260B	
440-253982-1 MS	MW-16D_20191105	Total/NA	Water	8260B	
440-253982-1 MSD	MW-16D_20191105	Total/NA	Water	8260B	

GC VOA

Analysis Batch: 579134

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
440-253982-1	MW-16D_20191105	Total/NA	Water	8015B	
440-253982-2	TB-465_20191105	Total/NA	Water	8015B	
MB 440-579134/28	Method Blank	Total/NA	Water	8015B	
LCS 440-579134/27	Lab Control Sample	Total/NA	Water	8015B	
440-253982-1 MS	MW-16D_20191105	Total/NA	Water	8015B	
440-253982-1 MSD	MW-16D_20191105	Total/NA	Water	8015B	

GC Semi VOA

Prep Batch: 578735

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
440-253982-1	MW-16D_20191105	Total/NA	Water	3510C	
MB 440-578735/1-A	Method Blank	Total/NA	Water	3510C	
LCS 440-578735/2-A	Lab Control Sample	Total/NA	Water	3510C	
440-253982-1 MS	MW-16D_20191105	Total/NA	Water	3510C	
440-253982-1 MSD	MW-16D_20191105	Total/NA	Water	3510C	

Analysis Batch: 579014

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
440-253982-1	MW-16D_20191105	Total/NA	Water	8015B	578735
MB 440-578735/1-A	Method Blank	Total/NA	Water	8015B	578735
LCS 440-578735/2-A	Lab Control Sample	Total/NA	Water	8015B	578735
440-253982-1 MS	MW-16D_20191105	Total/NA	Water	8015B	578735
440-253982-1 MSD	MW-16D_20191105	Total/NA	Water	8015B	578735

Lab Chronicle

Client: Antea Group
Project/Site: ARCO 0465, Daly City

Job ID: 440-253982-1

Client Sample ID: MW-16D_20191105

Lab Sample ID: 440-253982-1

Date Collected: 11/05/19 11:40

Matrix: Water

Date Received: 11/06/19 10:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	578980	11/08/19 09:05	GMA	TAL IRV
Total/NA	Analysis	8015B		1	579134	11/08/19 20:41	HKC	TAL IRV
Total/NA	Prep	3510C			578735	11/07/19 06:03	L1H	TAL IRV
Total/NA	Analysis	8015B		1	579014	11/08/19 19:47	D1D	TAL IRV

Client Sample ID: TB-465_20191105

Lab Sample ID: 440-253982-2

Date Collected: 11/05/19 00:01

Matrix: Water

Date Received: 11/06/19 10:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	578980	11/08/19 10:27	GMA	TAL IRV
Total/NA	Analysis	8015B		1	579134	11/08/19 22:00	HKC	TAL IRV

Laboratory References:

TAL IRV = Eurofins TestAmerica, Irvine, 17461 Derian Ave, Suite 100, Irvine, CA 92614-5817, TEL (949)261-1022

Accreditation/Certification Summary

Client: Antea Group
Job ID: 440-253982-1
Project/Site: ARCO 0465, Daly City

Laboratory: Eurofins TestAmerica, Irvine

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Program	Identification Number	Expiration Date
California	State Program	CA ELAP 2706	06-30-20

The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.

Analysis Method	Prep Method	Matrix	Analyte
8015B		Water	GRO (C6-C12)
8015B	3510C	Water	Stod.Sol. RO [C9-C13]
8260B		Water	Ethanol

Method Summary

Client: Antea Group
Project/Site: ARCO 0465, Daly City

Job ID: 440-253982-1

Method	Method Description	Protocol	Laboratory
8260B	Volatile Organic Compounds (GC/MS)	SW846	TAL IRV
8015B	Gasoline Range Organics - (GC)	SW846	TAL IRV
8015B	Stoddard Solvent	SW846	TAL IRV
3510C	Liquid-Liquid Extraction (Separatory Funnel)	SW846	TAL IRV
5030B	Purge and Trap	SW846	TAL IRV

Protocol References:

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

TAL IRV = Eurofins TestAmerica, Irvine, 17461 Derian Ave, Suite 100, Irvine, CA 92614-5817, TEL (949)261-1022

Sample Summary

Client: Antea Group
Project/Site: ARCO 0465, Daly City

Job ID: 440-253982-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Asset ID
440-253982-1	MW-16D_20191105	Water	11/05/19 11:40	11/06/19 10:30	
440-253982-2	TB-465_20191105	Water	11/05/19 00:01	11/06/19 10:30	

Laboratory Management Program (LaMP) Chain of Custody Record

Soil, Sediment and Groundwater Samples

BP Site Node Path: BP > USA > CA > SAN MATEO > 465 > PMPv4 > 1995 Release | **Req Due Date (mm/dd/yy):** | Rush TAT Yes ____ No X

BP/RM Facility No: ARCO No. 00465 | **Lab Work Order Number:**

Lab Name	TestAmerica	BP/ARC Facility Address	151 Southgate Ave	Consultant/Contractor	Antea Group
Lab Address	17461 Derian Ave , Ste 100, Irvine, CA 92614	City, State, ZIP Code	Daly City, CA, 94015	Consultant/Contractor Project No	00465EA191
Lab PM	Christian Bondoc	Lead Regulatory Agency	San Mateo County GPP	Address	11010 White Rock Road, Suite 140, Rancho Cordova, CA 95670
Lab Phone	949-261-1022	California Global ID No	T0608100027	Consultant/Contractor PM	Hannah Mishriki
Lab Shipping Accnt	FedEx # 1103-6633-7	Enfos Proposal No	009SB-0007/WR329286	Phone 610-390-7059	Email: hannah.mishriki@anteagroup.com
Lab Bottle Order No		Accounting Mode Provision __X__	OOC-BU ____ OOC-RM ____	Send/Submit EDD to	See Special Instructions
Other Info		Stage 40	Activity 123	Invoice To	BP-RM ___X___ BP-Other ____

BP/RM PM	Wade Melton	Requested Analyses	Report Type & QC Level
PM Phone	360-594-7878	Filtered (Y/N)	Limited (Standard) Package X
PM Email	wade.melton@bp.com	Preservation	Limited Plus Package ____
			Full Package ____

Lab No.	Unique Sample ID, must follow format of SAMPLENAMEYYYYMMDD Examples: MW01_20190101; BH01_3-5_20190101	Time	Depth Unit	Grab (G) or Composite (C)	Total Number of Containers	Matrix	GRO (C6-C12) by 8015B	Ethanol/BTEX/5 Oxys/Naphth by EPA 8260	EDB & 1,2-DCA by 8260	Stoddard Solvents by 8015B	Comments
	MW-16D_20191105	1140	—	G	21	GW	X	X	X	X	MS/MSD
	MW-18D_201911					GW	X	X	X	X	
	MW-19D_201911					GW	X	X	X	X	
	V-14_201911					GW	X	X	X	X	
	DUP-465_201911					GW	X	X	X	X	
	TB-465_201911	—	—	—	6	W	X	X			

440-253982 Chain of Custody

11/6/19 LD

Sampler's Name	Paul Edwards	Relinquished By / Affiliation	Date	Time	Accepted By / Affiliation	Date	Time
Sampler's Company	Antea Group	Paul Edwards / [signature] / Antea Group	05 NOV 2019	1500	Leo Karcz / Antea	11/5	15:32
Ship Method	FedEx overnight Ship Date:	Leo Karcz / [signature] / Antea Group	11/5	1715	[signature]	11/6/19	1039
Shipment Tracking No	1119 9740 7183						

Special Instructions: 5 Oxygenates to include: TAME / TBA / DIPE / ETBE / MTBE Send EDD/EDF to AGDataView US@anteagroup.com, sandy.hayes@anteagroup.com, bryan.taylor@anteagroup.com, hannah.mishriki@anteagroup.com, ian.treat@anteagroup.com, jo.black@anteagroup.com, and lab enfosdoc@bp.com

THIS LINE - LAB USE ONLY Custody Seals In Place (Yes) / No | Temp Blank (Yes) / No | Cooler Temp on Receipt 4.4 °F/C | Trip Blank (Yes) / No | MS/MSD Sample Submitted (Yes) / No

4.8°C IR-94

BP LaMP Soil/H2O COC March 2019

Proprietary and Confidential
Property of BP and its Affiliates

Login Sample Receipt Checklist

Client: Antea Group

Job Number: 440-253982-1

Login Number: 253982
List Number: 1
Creator: Dolidze, Lado

List Source: Eurofins TestAmerica, Irvine

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	True	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	N/A	Not Present
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

Rivera, Tiffany

From: Rivera, Tiffany
Sent: Friday, November 08, 2019 8:31 AM
To: AGDataView.us Antea Group; Bryan Taylor; Hannah Mishriki; Ian Treat; Jo Black; Katelynn Smith; Sandy Hayes; Stephen Harrington
Subject: Eurofins TestAmerica sample confirmation files from 440-253982-1 ARCO 0465, Daly City
Attachments: SmpLoginAckLimits_440-253982-1 [Std_Tal_Login_Limits].pdf; COC 440-253982 (201911071156).pdf; SampleLoginAck_440-253982-1 [Std_Tal_Login_Ack].pdf

Hello,

Attached please find the sample confirmation files for job 440-253982-1; ARCO 0465, Daly City

Please feel free to contact me or your PM Christian Bondoc if you have any questions.

Thank you.

Tiffany 1 Rivera
Project Manager Assistant

Eurofins TestAmerica, Irvine

E-mail: tiffany.rivera@testamericainc.com
www.eurofinsus.com | www.testamericainc.com

Reference: [440-563998]
Attachments: 3

Please let us know if we met your expectations by rating the service you received from Eurofins TestAmerica on this project by visiting our website at: Project Feedback

GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins TestAmerica, Irvine Job No.: 440-253982-1

SDG No.:

Batch Number: 578980 Batch Start Date: 11/08/19 06:43 Batch Analyst: Alcasid, Gelico M

Batch Method: 8260B Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	Initial pH	VMW8260T1CCV1 00126	VMWNU8260IS5X 00035	
MB 440-578980/5		8260B		10 mL	10 mL			1 uL	
440-253982-A-1	MW-16D_20191105	8260B	T	10 mL	10 mL	7 SU		1 uL	
440-253982-A-1 MS	MW-16D_20191105	8260B	T	10 mL	10 mL	7 SU	2 uL	1 uL	
440-253982-A-1 MSD	MW-16D_20191105	8260B	T	10 mL	10 mL	7 SU	2 uL	1 uL	
440-253982-A-2	TB-465_201911	8260B	T	10 mL	10 mL	5 SU		1 uL	
LCS 440-578980/1002		8260B		10 mL	10 mL		5 uL	1 uL	

Batch Notes	
pH Indicator ID	220416A
Pipette/Syringe/Dispenser ID	OH44AN / Voa - 02
Vial Lot Number	0103701E

Basis	Basis Description
T	Total/NA

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GASOLINE RANGE ORGANICS BATCH WORKSHEET

Lab Name: Eurofins TestAmerica, Irvine Job No.: 440-253982-1

SDG No.:

Batch Number: 579134 Batch Start Date: 11/08/19 08:05 Batch Analyst: Coleman, Hailley K

Batch Method: 8015B Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	Initial pH	VG-LCSTPH1000 00460	VG-SURR100PPM 00191	
LCS 440-579134/27		8015B		10 mL	10 mL	n/a SU	8 uL	5 uL	
MB 440-579134/28		8015B		10 mL	10 mL	n/a SU		5 uL	
440-253982-C-1	MW-16D_20191105	8015B	T	10 mL	10 mL	7 SU		5 uL	
440-253982-A-1 MS	MW-16D_20191105	8015B	T	10 mL	10 mL	7 SU	8 uL	5 uL	
440-253982-A-1 MSD	MW-16D_20191105	8015B	T	10 mL	10 mL	7 SU	8 uL	5 uL	
440-253982-B-2	TB-465_201911	8015B	T	10 mL	10 mL	7 SU		5 uL	

Batch Notes	
pH Indicator ID	HC991818/220416A
Pipette/Syringe/Dispenser ID	OH44AN/VOA-03/02-681-412
Vial Lot Number	0217701E

Basis	Basis Description
T	Total/NA

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

DIESEL RANGE ORGANICS BATCH WORKSHEET

Lab Name: Eurofins TestAmerica, Irvine Job No.: 440-253982-1

SDG No.:

Batch Number: 578735 Batch Start Date: 11/07/19 06:03 Batch Analyst: Herrera, Lizette 1

Batch Method: 3510C Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Basis	GrossWeight	TareWeight	InitialAmount	FinalAmount	ReceivedpH	gc8015dslLCSA 00118
MB 440-578735/1		3510C, 8015B				1000 mL	1 mL	6 SU	
LCS 440-578735/2		3510C, 8015B				1000 mL	1 mL	6 SU	1 mL
440-253982-G-1 MS	MW-16D_20191105	3510C, 8015B	T	1550 g	0505 g	1045 mL	1 mL	6 SU	1 mL
440-253982-G-1 MSD	MW-16D_20191105	3510C, 8015B	T	1550 g	0505 g	1045 mL	1 mL	6 SU	1 mL
440-253982-G-1	MW-16D_20191105	3510C, 8015B	T	1560 g	0505 g	1055 mL	1 mL	6 SU	

Lab Sample ID	Client Sample ID	Method Chain	Basis	gc8015dslSURR 00098	AnalysisComment				
MB 440-578735/1		3510C, 8015B		0.2 mL					
LCS 440-578735/2		3510C, 8015B		0.2 mL					
440-253982-G-1 MS	MW-16D_20191105	3510C, 8015B	T	0.2 mL	MS CAP LEAK LIGHT YELLOW				
440-253982-G-1 MSD	MW-16D_20191105	3510C, 8015B	T	0.2 mL	MSD LIGHT YELLOW				
440-253982-G-1	MW-16D_20191105	3510C, 8015B	T	0.2 mL	LIGHT YELLOW				

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

DIESEL RANGE ORGANICS BATCH WORKSHEET

Lab Name: Eurofins TestAmerica, Irvine Job No.: 440-253982-1

SDG No.:

Batch Number: 578735 Batch Start Date: 11/07/19 06:03 Batch Analyst: Herrera, Lizette 1

Batch Method: 3510C Batch End Date:

Batch Notes	
Balance ID	68
Batch Comment	3510C 8015B
Analyst ID - Concentration	LH LA
Concentration 1 Corrected Temperature	35 Degrees C
Equipment ID - Concentration 1	TV 12, 13 02
Analyst ID - Extraction	LH LA
Filter ID	FT-3-102-150
Method/Fraction	3510C 8015B SURR ID 5736803 SPIKE ID 57955879
Na2SO4 ID	5839902
pH Indicator ID	HC989495
Pipette/Syringe/Dispenser ID	9"Disposable / 040319500A 1203181000A
Prep Solvent ID	DCM 5907849
Prep Solvent Volume Used	180 mL
Analyst ID - Spike Analyst	LA LH
Sufficient Volume for Batch QC	Yes
Concentration 1 Uncorrected Temperature	35 Degrees C
Vial Lot Number	Thermo Scientific 18343248
Reagent Water ID	Nano pure water

Basis	Basis Description
T	Total/NA

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

Is the Data Valid? (circle) Yes / No	Preservation Temperature (if Known): 4.8 ºC

Antea Group Lab Validation Sheet

Project/Client: BP 465
Project #: 00465EA191
Date of Validation: 11/18/2019
Completed By: Jo Black **Signature:** Jo Black
Analytical Lab Used and Report # (if any): Eurofins TestAmerica 440-253982-1

	Circle or Highlight Yes/No below
1. Was the analysis the one requested?	Yes / No
2. Do the sample number(s) on the chain-of-custody (COC) match the one(s) that appear on the laboratory data sheet?	Yes / No
3. Were samples prepared (extracted, filtered, etc.) within EPA holding times?	Yes / No
4. Once prepared/extracted, were the samples analyzed within the EPA holding times?	Yes / No
5. Were Laboratory blanks performed, if so, were they below non-detect?	Yes / No
6. Are the units correct? (i.e., soil samples in mg/kg or ug/g, water samples mg/L, ug/L, and air samples in volume mg/m^3,etc.)	Yes / No
7. Were appropriate Matrix Spike (MS) and Matrix Spike Duplicate (MSD) samples included in the laboratory batch sample?	Yes / No
8. In lieu of MS/ MSD, were surrogate spike (SS) or surrogate spike duplicate (SSD) samples included in the laboratory batch samples?	Yes / No
9. Were MS/ MSD (or SS/SSD) within the acceptable range of % recovery (i.e., approx 80-120% depending on analyte)?	Yes / No
10. Were MS/MSD (or SS/SSD) values used to calculate Relative Percent Difference (RPD)?	Yes / No
11. Were Relative Percent Difference values within the acceptable range (i.e. ± 25%)?	Yes / No

If any answer is no, explain why and what corrective action was taken:

ANALYTICAL REPORT

Eurofins Calscience Irvine
17461 Derian Ave
Suite 100
Irvine, CA 92614-5817
Tel: (949)261-1022

Laboratory Job ID: 440-259571-1
Client Project/Site: ARCO 0465, Daly City

For:
Antea Group
11010 White Rock Road
Suite 140
Rancho Cordova, California 95670

Attn: Hannah Mishriki



Authorized for release by:
1/28/2020 11:18:10 AM

Christian Bondoc, Project Manager I
(949)260-3218
christian.bondoc@testamericainc.com

This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Results relate only to the items tested and the sample(s) as received by the laboratory.

The results listed within this Laboratory Report pertain only to the samples tested in the laboratory. The analyses contained in this report were performed in accordance with the BPLAMP Technical Specifications, applicable federal, state, local regulations and certification requirements as well as the methodologies as described in laboratory SOPs reviewed by the BPLAMP. This Laboratory Report is confidential and is intended for the sole use of Eurofins TestAmerica and its client. This report shall not be reproduced, except in full, without written permission from TestAmerica. The signature on the cover page extends to the case narrative and all the data and forms in the package. The Chain of Custody is included and is an integral part of this report.



Christian Bondoc
Project Manager I
1/28/2020 11:18:10 AM

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Definitions/Glossary

Client: Antea Group
Project/Site: ARCO 0465, Daly City

Job ID: 440-259571-1

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
¤	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
PQL	Practical Quantitation Limit
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)

Case Narrative

Client: Antea Group
Project/Site: ARCO 0465, Daly City

Job ID: 440-259571-1

Job ID: 440-259571-1

Laboratory: Eurofins Calscience Irvine

Narrative

Job Narrative
440-259571-1

Comments
No additional comments.

Receipt
The samples were received on 1/22/2020 10:00 AM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperature of the cooler at receipt was 5.6º C.

GC/MS VOA
No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

GC VOA
No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

GC Semi VOA
No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

Organic Prep
No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

VOA Prep
No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

Detection Summary

Client: Antea Group
Project/Site: ARCO 0465, Daly City

Job ID: 440-259571-1

Client Sample ID: MW-1R_20200121 — Lab Sample ID: 440-259571-1

No Detections.

Client Sample ID: MW-12_20200121 — Lab Sample ID: 440-259571-2

No Detections.

Client Sample ID: MW-6D_20200121 — Lab Sample ID: 440-259571-3

No Detections.

Client Sample ID: TB-465_20200121 — Lab Sample ID: 440-259571-4

No Detections.

This Detection Summary does not include radiochemical test results.

Client Sample ID: MW-1R_20200121

Lab Sample ID: 440-259571-1

Date Collected: 01/21/20 16:47
Matrix: Water
Date Received: 01/22/20 10:00

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromoethane (EDB)	ND		0.50		ug/L			01/23/20 11:21	1
1,2-Dichloroethane	ND		0.50		ug/L			01/23/20 11:21	1
Benzene	ND		0.50		ug/L			01/23/20 11:21	1
Ethanol	ND		150		ug/L			01/23/20 11:21	1
Ethylbenzene	ND		0.50		ug/L			01/23/20 11:21	1
Ethyl-t-butyl ether (ETBE)	ND		0.50		ug/L			01/23/20 11:21	1
Isopropyl Ether (DIPE)	ND		0.50		ug/L			01/23/20 11:21	1
m,p-Xylene	ND		1.0		ug/L			01/23/20 11:21	1
Methyl-t-Butyl Ether (MTBE)	ND		0.50		ug/L			01/23/20 11:21	1
Naphthalene	ND		1.0		ug/L			01/23/20 11:21	1
o-Xylene	ND		0.50		ug/L			01/23/20 11:21	1
Tert-amyl-methyl ether (TAME)	ND		0.50		ug/L			01/23/20 11:21	1
tert-Butyl alcohol (TBA)	ND		10		ug/L			01/23/20 11:21	1
Toluene	ND		0.50		ug/L			01/23/20 11:21	1
Xylenes, Total	ND		1.0		ug/L			01/23/20 11:21	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*89*		*80 - 120*		*01/23/20 11:21*	*1*
Dibromofluoromethane (Surr)	*105*		*76 - 132*		*01/23/20 11:21*	*1*
Toluene-d8 (Surr)	*99*		*80 - 128*		*01/23/20 11:21*	*1*

Method: 8015B - Gasoline Range Organics - (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
GRO (C6-C12)	ND		50		ug/L			01/27/20 11:54	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*96*		*65 - 140*		*01/27/20 11:54*	*1*

Method: 8015B - Stoddard Solvent

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Stod.Sol. RO [C9-C13]	ND		0.048		mg/L		01/23/20 05:58	01/23/20 15:15	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
n-Octacosane	*75*		*45 - 120*	*01/23/20 05:58*	*01/23/20 15:15*	*1*

Client Sample ID: MW-12_20200121

Lab Sample ID: 440-259571-2

Date Collected: 01/21/20 09:50
Matrix: Water
Date Received: 01/22/20 10:00

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromoethane (EDB)	ND		0.50		ug/L			01/23/20 11:49	1
1,2-Dichloroethane	ND		0.50		ug/L			01/23/20 11:49	1
Benzene	ND		0.50		ug/L			01/23/20 11:49	1
Ethanol	ND		150		ug/L			01/23/20 11:49	1
Ethylbenzene	ND		0.50		ug/L			01/23/20 11:49	1
Ethyl-t-butyl ether (ETBE)	ND		0.50		ug/L			01/23/20 11:49	1
Isopropyl Ether (DIPE)	ND		0.50		ug/L			01/23/20 11:49	1
m,p-Xylene	ND		1.0		ug/L			01/23/20 11:49	1
Methyl-t-Butyl Ether (MTBE)	ND		0.50		ug/L			01/23/20 11:49	1
Naphthalene	ND		1.0		ug/L			01/23/20 11:49	1

Client Sample ID: MW-12_20200121

Lab Sample ID: 440-259571-2

Date Collected: 01/21/20 09:50

Matrix: Water

Date Received: 01/22/20 10:00

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
o-Xylene	ND		0.50		ug/L			01/23/20 11:49	1
Tert-amyl-methyl ether (TAME)	ND		0.50		ug/L			01/23/20 11:49	1
tert-Butyl alcohol (TBA)	ND		10		ug/L			01/23/20 11:49	1
Toluene	ND		0.50		ug/L			01/23/20 11:49	1
Xylenes, Total	ND		1.0		ug/L			01/23/20 11:49	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*88*		*80 - 120*		*01/23/20 11:49*	*1*
Dibromofluoromethane (Surr)	*105*		*76 - 132*		*01/23/20 11:49*	*1*
Toluene-d8 (Surr)	*100*		*80 - 128*		*01/23/20 11:49*	*1*

Method: 8015B - Gasoline Range Organics - (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
GRO (C6-C12)	ND		50		ug/L			01/27/20 12:24	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*93*		*65 - 140*		*01/27/20 12:24*	*1*

Method: 8015B - Stoddard Solvent

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Stod.Sol. RO [C9-C13]	ND		0.048		mg/L		01/23/20 05:58	01/23/20 16:26	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
n-Octacosane	*69*		*45 - 120*	*01/23/20 05:58*	*01/23/20 16:26*	*1*

Client Sample ID: MW-6D_20200121

Lab Sample ID: 440-259571-3

Date Collected: 01/21/20 14:07

Matrix: Water

Date Received: 01/22/20 10:00

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromoethane (EDB)	ND		0.50		ug/L			01/23/20 12:18	1
1,2-Dichloroethane	ND		0.50		ug/L			01/23/20 12:18	1
Benzene	ND		0.50		ug/L			01/23/20 12:18	1
Ethanol	ND		150		ug/L			01/23/20 12:18	1
Ethylbenzene	ND		0.50		ug/L			01/23/20 12:18	1
Ethyl-t-butyl ether (ETBE)	ND		0.50		ug/L			01/23/20 12:18	1
Isopropyl Ether (DIPE)	ND		0.50		ug/L			01/23/20 12:18	1
m,p-Xylene	ND		1.0		ug/L			01/23/20 12:18	1
Methyl-t-Butyl Ether (MTBE)	ND		0.50		ug/L			01/23/20 12:18	1
Naphthalene	ND		1.0		ug/L			01/23/20 12:18	1
o-Xylene	ND		0.50		ug/L			01/23/20 12:18	1
Tert-amyl-methyl ether (TAME)	ND		0.50		ug/L			01/23/20 12:18	1
tert-Butyl alcohol (TBA)	ND		10		ug/L			01/23/20 12:18	1
Toluene	ND		0.50		ug/L			01/23/20 12:18	1
Xylenes, Total	ND		1.0		ug/L			01/23/20 12:18	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*88*		*80 - 120*		*01/23/20 12:18*	*1*
Dibromofluoromethane (Surr)	*104*		*76 - 132*		*01/23/20 12:18*	*1*
Toluene-d8 (Surr)	*99*		*80 - 128*		*01/23/20 12:18*	*1*

Client Sample ID: MW-6D_20200121

Lab Sample ID: 440-259571-3

Date Collected: 01/21/20 14:07
Matrix: Water
Date Received: 01/22/20 10:00

Method: 8015B - Gasoline Range Organics - (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
GRO (C6-C12)	ND		50		ug/L			01/27/20 12:53	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*95*		*65 - 140*		*01/27/20 12:53*	*1*

Method: 8015B - Stoddard Solvent

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Stod.Sol. RO [C9-C13]	ND		0.048		mg/L		01/23/20 05:58	01/23/20 17:12	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
n-Octacosane	*70*		*45 - 120*	*01/23/20 05:58*	*01/23/20 17:12*	*1*

Client Sample ID: TB-465_20200121

Lab Sample ID: 440-259571-4

Date Collected: 01/21/20 00:01
Matrix: Water
Date Received: 01/22/20 10:00

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromoethane (EDB)	ND		0.50		ug/L			01/23/20 12:45	1
1,2-Dichloroethane	ND		0.50		ug/L			01/23/20 12:45	1
Benzene	ND		0.50		ug/L			01/23/20 12:45	1
Ethanol	ND		150		ug/L			01/23/20 12:45	1
Ethylbenzene	ND		0.50		ug/L			01/23/20 12:45	1
Ethyl-t-butyl ether (ETBE)	ND		0.50		ug/L			01/23/20 12:45	1
Isopropyl Ether (DIPE)	ND		0.50		ug/L			01/23/20 12:45	1
m,p-Xylene	ND		1.0		ug/L			01/23/20 12:45	1
Methyl-t-Butyl Ether (MTBE)	ND		0.50		ug/L			01/23/20 12:45	1
Naphthalene	ND		1.0		ug/L			01/23/20 12:45	1
o-Xylene	ND		0.50		ug/L			01/23/20 12:45	1
Tert-amyl-methyl ether (TAME)	ND		0.50		ug/L			01/23/20 12:45	1
tert-Butyl alcohol (TBA)	ND		10		ug/L			01/23/20 12:45	1
Toluene	ND		0.50		ug/L			01/23/20 12:45	1
Xylenes, Total	ND		1.0		ug/L			01/23/20 12:45	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*88*		*80 - 120*		*01/23/20 12:45*	*1*
Dibromofluoromethane (Surr)	*104*		*76 - 132*		*01/23/20 12:45*	*1*
Toluene-d8 (Surr)	*98*		*80 - 128*		*01/23/20 12:45*	*1*

Method: 8015B - Gasoline Range Organics - (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
GRO (C6-C12)	ND		50		ug/L			01/27/20 13:23	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*94*		*65 - 140*		*01/27/20 13:23*	*1*

Surrogate Summary

Client: Antea Group
Project/Site: ARCO 0465, Daly City

Job ID: 440-259571-1

Method: 8260B - Volatile Organic Compounds (GC/MS)

Matrix: Water

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)		
Lab Sample ID	Client Sample ID	BFB (80-120)	DBFM (76-132)	TOL (80-128)
440-259571-1	MW-1R_20200121	89	105	99
440-259571-2	MW-12_20200121	88	105	100
440-259571-3	MW-6D_20200121	88	104	99
440-259571-4	TB-465_20200121	88	104	98
440-259581-E-3 MS	Matrix Spike	87	103	98
440-259581-F-3 MSD	Matrix Spike Duplicate	89	102	96
LCS 440-591944/1002	Lab Control Sample	88	100	95
MB 440-591944/4	Method Blank	88	104	99

Surrogate Legend

BFB = 4-Bromofluorobenzene (Surr)
DBFM = Dibromofluoromethane (Surr)
TOL = Toluene-d8 (Surr)

Method: 8015B - Gasoline Range Organics - (GC)

Matrix: Water

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)
Lab Sample ID	Client Sample ID	BFB1 (65-140)
440-259358-D-2 MS	Matrix Spike	105
440-259358-D-2 MSD	Matrix Spike Duplicate	109
440-259571-1	MW-1R_20200121	96
440-259571-2	MW-12_20200121	93
440-259571-3	MW-6D_20200121	95
440-259571-4	TB-465_20200121	94
LCS 440-592412/5	Lab Control Sample	109
MB 440-592412/6	Method Blank	97

Surrogate Legend

BFB = 4-Bromofluorobenzene (Surr)

Method: 8015B - Stoddard Solvent

Matrix: Water

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)
Lab Sample ID	Client Sample ID	OTCN1 (45-120)
440-259552-G-2-A MSD	Matrix Spike Duplicate	63
440-259552-H-2-A MS	Matrix Spike	71
440-259571-1	MW-1R_20200121	75
440-259571-2	MW-12_20200121	69
440-259571-3	MW-6D_20200121	70
LCS 440-591943/2-A	Lab Control Sample	74
MB 440-591943/1-A	Method Blank	74

Surrogate Legend

OTCN = n-Octacosane

Client: Antea Group
Project/Site: ARCO 0465, Daly City

Job ID: 440-259571-1

Method: 8260B - Volatile Organic Compounds (GC/MS)

Lab Sample ID: MB 440-591944/4
Matrix: Water
Analysis Batch: 591944

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromoethane (EDB)	ND		0.50		ug/L			01/23/20 08:01	1
1,2-Dichloroethane	ND		0.50		ug/L			01/23/20 08:01	1
Benzene	ND		0.50		ug/L			01/23/20 08:01	1
Ethanol	ND		150		ug/L			01/23/20 08:01	1
Ethylbenzene	ND		0.50		ug/L			01/23/20 08:01	1
Ethyl-t-butyl ether (ETBE)	ND		0.50		ug/L			01/23/20 08:01	1
Isopropyl Ether (DIPE)	ND		0.50		ug/L			01/23/20 08:01	1
m,p-Xylene	ND		1.0		ug/L			01/23/20 08:01	1
Methyl-t-Butyl Ether (MTBE)	ND		0.50		ug/L			01/23/20 08:01	1
Naphthalene	ND		1.0		ug/L			01/23/20 08:01	1
o-Xylene	ND		0.50		ug/L			01/23/20 08:01	1
Tert-amyl-methyl ether (TAME)	ND		0.50		ug/L			01/23/20 08:01	1
tert-Butyl alcohol (TBA)	ND		10		ug/L			01/23/20 08:01	1
Toluene	ND		0.50		ug/L			01/23/20 08:01	1
Xylenes, Total	ND		1.0		ug/L			01/23/20 08:01	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*88*		*80 - 120*		*01/23/20 08:01*	*1*
Dibromofluoromethane (Surr)	*104*		*76 - 132*		*01/23/20 08:01*	*1*
Toluene-d8 (Surr)	*99*		*80 - 128*		*01/23/20 08:01*	*1*

Lab Sample ID: LCS 440-591944/1002
Matrix: Water
Analysis Batch: 591944

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
1,2-Dibromoethane (EDB)			25.0	26.0		ug/L		104	70 - 130		
1,2-Dichloroethane			25.0	21.1		ug/L		84	57 - 138		
Benzene			25.0	22.2		ug/L		89	68 - 130		
Ethanol			1250	1170		ug/L		93	50 - 149		
Ethylbenzene			25.0	24.3		ug/L		97	70 - 130		
Ethyl-t-butyl ether (ETBE)			25.0	20.7		ug/L		83	60 - 136		
Isopropyl Ether (DIPE)			25.0	18.4		ug/L		73	58 - 139		
m,p-Xylene			25.0	26.0		ug/L		104	70 - 130		
Methyl-t-Butyl Ether (MTBE)			25.0	22.7		ug/L		91	63 - 131		
Naphthalene			25.0	28.4		ug/L		114	60 - 140		
o-Xylene			25.0	25.3		ug/L		101	70 - 130		
Tert-amyl-methyl ether (TAME)			25.0	22.2		ug/L		89	57 - 139		
tert-Butyl alcohol (TBA)			250	295		ug/L		118	70 - 130		
Toluene			25.0	22.9		ug/L		92	70 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*88*		*80 - 120*
Dibromofluoromethane (Surr)	*100*		*76 - 132*
Toluene-d8 (Surr)	*95*		*80 - 128*

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 440-259581-E-3 MS
Matrix: Water
Analysis Batch: 591944

Client Sample ID: Matrix Spike
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
1,2-Dibromoethane (EDB)	ND		10.0	10.4		ug/L		104	70 - 131
1,2-Dichloroethane	ND		10.0	8.35		ug/L		83	56 - 146
Benzene	ND		10.0	9.15		ug/L		92	66 - 130
Ethanol	ND		500	330		ug/L		66	54 - 150
Ethylbenzene	ND		10.0	10.2		ug/L		102	70 - 130
Ethyl-t-butyl ether (ETBE)	ND		10.0	7.98		ug/L		80	70 - 130
Isopropyl Ether (DIPE)	ND		10.0	7.02		ug/L		70	64 - 138
m,p-Xylene	ND		10.0	11.8		ug/L		108	70 - 133
Methyl-t-Butyl Ether (MTBE)	ND		10.0	9.09		ug/L		88	70 - 130
Naphthalene	ND		10.0	11.1		ug/L		105	60 - 140
o-Xylene	0.61		10.0	11.3		ug/L		107	70 - 133
Tert-amyl-methyl ether (TAME)	ND		10.0	8.83		ug/L		88	68 - 133
tert-Butyl alcohol (TBA)	ND		100	113		ug/L		113	70 - 130
Toluene	ND		10.0	10.1		ug/L		101	70 - 130

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*87*		*80 - 120*
Dibromofluoromethane (Surr)	*103*		*76 - 132*
Toluene-d8 (Surr)	*98*		*80 - 128*

Lab Sample ID: 440-259581-F-3 MSD
Matrix: Water
Analysis Batch: 591944

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,2-Dibromoethane (EDB)	ND		10.0	10.1		ug/L		101	70 - 131	3	25
1,2-Dichloroethane	ND		10.0	8.46		ug/L		85	56 - 146	1	20
Benzene	ND		10.0	9.03		ug/L		90	66 - 130	1	20
Ethanol	ND		500	312		ug/L		62	54 - 150	6	30
Ethylbenzene	ND		10.0	10.3		ug/L		103	70 - 130	1	20
Ethyl-t-butyl ether (ETBE)	ND		10.0	8.15		ug/L		82	70 - 130	2	25
Isopropyl Ether (DIPE)	ND		10.0	7.17		ug/L		72	64 - 138	2	25
m,p-Xylene	ND		10.0	11.7		ug/L		108	70 - 133	1	25
Methyl-t-Butyl Ether (MTBE)	ND		10.0	9.13		ug/L		89	70 - 130	0	25
Naphthalene	ND		10.0	11.9		ug/L		113	60 - 140	7	30
o-Xylene	0.61		10.0	11.3		ug/L		107	70 - 133	0	20
Tert-amyl-methyl ether (TAME)	ND		10.0	9.01		ug/L		90	68 - 133	2	30
tert-Butyl alcohol (TBA)	ND		100	106		ug/L		106	70 - 130	6	25
Toluene	ND		10.0	9.99		ug/L		100	70 - 130	1	20

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*89*		*80 - 120*
Dibromofluoromethane (Surr)	*102*		*76 - 132*
Toluene-d8 (Surr)	*96*		*80 - 128*

Method: 8015B - Gasoline Range Organics - (GC)

Lab Sample ID: MB 440-592412/6
Matrix: Water
Analysis Batch: 592412

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
GRO (C6-C12)	ND		50		ug/L			01/27/20 11:24	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*97*		*65 - 140*		*01/27/20 11:24*	*1*

Lab Sample ID: LCS 440-592412/5
Matrix: Water
Analysis Batch: 592412

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
GRO (C4-C12)			800	822		ug/L		103	80 - 120		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*109*		*65 - 140*

Lab Sample ID: 440-259358-D-2 MS
Matrix: Water
Analysis Batch: 592412

Client Sample ID: Matrix Spike
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits		
GRO (C4-C12)	ND		800	820		ug/L		103	65 - 140		

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*105*		*65 - 140*

Lab Sample ID: 440-259358-D-2 MSD
Matrix: Water
Analysis Batch: 592412

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
GRO (C4-C12)	ND		800	827		ug/L		103	65 - 140	1	20

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*109*		*65 - 140*

Method: 8015B - Stoddard Solvent

Lab Sample ID: MB 440-591943/1-A
Matrix: Water
Analysis Batch: 592005

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 591943

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Stod.Sol. RO [C9-C13]	ND		0.050		mg/L		01/23/20 05:58	01/23/20 11:44	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
n-Octacosane	*74*		*45 - 120*	*01/23/20 05:58*	*01/23/20 11:44*	*1*

Method: 8015B - Stoddard Solvent (Continued)

Lab Sample ID: LCS 440-591943/2-A
Matrix: Water
Analysis Batch: 592005

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 591943

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
C10-C28			1000	772		ug/L		77	40 - 115		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
n-Octacosane	*74*		*45 - 120*

Lab Sample ID: 440-259552-G-2-A MSD
Matrix: Water
Analysis Batch: 592005

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 591943

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
C10-C28	64		957	709		ug/L		67	40 - 120	15	30

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
n-Octacosane	*63*		*45 - 120*

Lab Sample ID: 440-259552-H-2-A MS
Matrix: Water
Analysis Batch: 592005

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 591943

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits		
C10-C28	64		966	824		ug/L		79	40 - 120		

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
n-Octacosane	*71*		*45 - 120*

QC Association Summary

Client: Antea Group
Project/Site: ARCO 0465, Daly City

Job ID: 440-259571-1

GC/MS VOA

Analysis Batch: 591944

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
440-259571-1	MW-1R_20200121	Total/NA	Water	8260B	
440-259571-2	MW-12_20200121	Total/NA	Water	8260B	
440-259571-3	MW-6D_20200121	Total/NA	Water	8260B	
440-259571-4	TB-465_20200121	Total/NA	Water	8260B	
MB 440-591944/4	Method Blank	Total/NA	Water	8260B	
LCS 440-591944/1002	Lab Control Sample	Total/NA	Water	8260B	
440-259581-E-3 MS	Matrix Spike	Total/NA	Water	8260B	
440-259581-F-3 MSD	Matrix Spike Duplicate	Total/NA	Water	8260B	

GC VOA

Analysis Batch: 592412

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
440-259571-1	MW-1R_20200121	Total/NA	Water	8015B	
440-259571-2	MW-12_20200121	Total/NA	Water	8015B	
440-259571-3	MW-6D_20200121	Total/NA	Water	8015B	
440-259571-4	TB-465_20200121	Total/NA	Water	8015B	
MB 440-592412/6	Method Blank	Total/NA	Water	8015B	
LCS 440-592412/5	Lab Control Sample	Total/NA	Water	8015B	
440-259358-D-2 MS	Matrix Spike	Total/NA	Water	8015B	
440-259358-D-2 MSD	Matrix Spike Duplicate	Total/NA	Water	8015B	

GC Semi VOA

Prep Batch: 591943

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
440-259571-1	MW-1R_20200121	Total/NA	Water	3510C	
440-259571-2	MW-12_20200121	Total/NA	Water	3510C	
440-259571-3	MW-6D_20200121	Total/NA	Water	3510C	
MB 440-591943/1-A	Method Blank	Total/NA	Water	3510C	
LCS 440-591943/2-A	Lab Control Sample	Total/NA	Water	3510C	
440-259552-G-2-A MSD	Matrix Spike Duplicate	Total/NA	Water	3510C	
440-259552-H-2-A MS	Matrix Spike	Total/NA	Water	3510C	

Analysis Batch: 592005

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
440-259571-1	MW-1R_20200121	Total/NA	Water	8015B	591943
440-259571-2	MW-12_20200121	Total/NA	Water	8015B	591943
440-259571-3	MW-6D_20200121	Total/NA	Water	8015B	591943
MB 440-591943/1-A	Method Blank	Total/NA	Water	8015B	591943
LCS 440-591943/2-A	Lab Control Sample	Total/NA	Water	8015B	591943
440-259552-G-2-A MSD	Matrix Spike Duplicate	Total/NA	Water	8015B	591943
440-259552-H-2-A MS	Matrix Spike	Total/NA	Water	8015B	591943

Lab Chronicle

Client: Antea Group
Project/Site: ARCO 0465, Daly City

Job ID: 440-259571-1

Client Sample ID: MW-1R_20200121
Lab Sample ID: 440-259571-1
Date Collected: 01/21/20 16:47
Matrix: Water
Date Received: 01/22/20 10:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	591944	01/23/20 11:21	AYL	TAL IRV
Total/NA	Analysis	8015B		1	592412	01/27/20 11:54	HKC	TAL IRV
Total/NA	Prep	3510C			591943	01/23/20 05:58	L1A	TAL IRV
Total/NA	Analysis	8015B		1	592005	01/23/20 15:15	RMP	TAL IRV

Client Sample ID: MW-12_20200121
Lab Sample ID: 440-259571-2
Date Collected: 01/21/20 09:50
Matrix: Water
Date Received: 01/22/20 10:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	591944	01/23/20 11:49	AYL	TAL IRV
Total/NA	Analysis	8015B		1	592412	01/27/20 12:24	HKC	TAL IRV
Total/NA	Prep	3510C			591943	01/23/20 05:58	L1A	TAL IRV
Total/NA	Analysis	8015B		1	592005	01/23/20 16:26	RMP	TAL IRV

Client Sample ID: MW-6D_20200121
Lab Sample ID: 440-259571-3
Date Collected: 01/21/20 14:07
Matrix: Water
Date Received: 01/22/20 10:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	591944	01/23/20 12:18	AYL	TAL IRV
Total/NA	Analysis	8015B		1	592412	01/27/20 12:53	HKC	TAL IRV
Total/NA	Prep	3510C			591943	01/23/20 05:58	L1A	TAL IRV
Total/NA	Analysis	8015B		1	592005	01/23/20 17:12	RMP	TAL IRV

Client Sample ID: TB-465_20200121
Lab Sample ID: 440-259571-4
Date Collected: 01/21/20 00:01
Matrix: Water
Date Received: 01/22/20 10:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	591944	01/23/20 12:45	AYL	TAL IRV
Total/NA	Analysis	8015B		1	592412	01/27/20 13:23	HKC	TAL IRV

Laboratory References:
TAL IRV = Eurofins Calscience Irvine, 17461 Derian Ave, Suite 100, Irvine, CA 92614-5817, TEL (949)261-1022

Accreditation/Certification Summary

Client: Antea Group
Job ID: 440-259571-1
Project/Site: ARCO 0465, Daly City

Laboratory: Eurofins Calscience Irvine

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Program	Identification Number	Expiration Date
California	State	2706	06-30-20

The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.

Analysis Method	Prep Method	Matrix	Analyte
8015B		Water	GRO (C6-C12)
8015B	3510C	Water	n-Octacosane
8015B	3510C	Water	Stod.Sol. RO [C9-C13]
8260B		Water	1,2-Dibromoethane (EDB)
8260B		Water	1,2-Dichloroethane
8260B		Water	Benzene
8260B		Water	Ethanol
8260B		Water	Ethylbenzene
8260B		Water	Ethyl-t-butyl ether (ETBE)
8260B		Water	Isopropyl Ether (DIPE)
8260B		Water	m,p-Xylene
8260B		Water	Methyl-t-Butyl Ether (MTBE)
8260B		Water	Naphthalene
8260B		Water	o-Xylene
8260B		Water	Tert-amyl-methyl ether (TAME)
8260B		Water	tert-Butyl alcohol (TBA)
8260B		Water	Toluene
8260B		Water	Xylenes, Total

Method Summary

Client: Antea Group
Project/Site: ARCO 0465, Daly City

Job ID: 440-259571-1

Method	Method Description	Protocol	Laboratory
8260B	Volatile Organic Compounds (GC/MS)	SW846	TAL IRV
8015B	Gasoline Range Organics - (GC)	SW846	TAL IRV
8015B	Stoddard Solvent	SW846	TAL IRV
3510C	Liquid-Liquid Extraction (Separatory Funnel)	SW846	TAL IRV
5030B	Purge and Trap	SW846	TAL IRV

Protocol References:

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

TAL IRV = Eurofins Calscience Irvine, 17461 Derian Ave, Suite 100, Irvine, CA 92614-5817, TEL (949)261-1022

Sample Summary

Client: Antea Group
Project/Site: ARCO 0465, Daly City

Job ID: 440-259571-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Asset ID
440-259571-1	MW-1R_20200121	Water	01/21/20 16:47	01/22/20 10:00	
440-259571-2	MW-12_20200121	Water	01/21/20 09:50	01/22/20 10:00	
440-259571-3	MW-6D_20200121	Water	01/21/20 14:07	01/22/20 10:00	
440-259571-4	TB-465_20200121	Water	01/21/20 00:01	01/22/20 10:00	

Laboratory Management Program (LaMP) Chain of Custody Record
Soil, Sediment and Groundwater Samples

Page 1 of 5

BP Site Node Path: BP > USA > CA > SAN MATEO > 465 > PMPv4 > 1995 Release
Req Due Date (mm/dd/yy):
Rush TAT Yes ____ No X
BP/RM Facility No: ARCO No. 00465
Lab Work Order Number:

Lab Name:	TestAmerica	BP/ARC Facility Address:	151 Southgate Ave	Consultant/Contractor:	Antea Group
Lab Address:	17461 Derian Ave., Ste. 100, Irvine, CA 92614	City, State, ZIP Code:	Daly City, CA, 94015	Consultant/Contractor Project No:	00465EA191
Lab PM:	Christian Bondoc	Lead Regulatory Agency:	San Mateo County GPP	Address:	11010 White Rock Road, Suite 140, Rancho Cordova, CA 95670
Lab Phone:	949-261-1022	California Global ID No.:	T0608100027	Consultant/Contractor PM:	Hannah Mishriki
Lab Shipping Accnt:	FedEx # 1103-6633-7	Enfos Proposal No:	009SB-0007/WR329286	Phone: 610-390-7059	Email: hannah.mishriki@anteagroup.com
Lab Bottle Order No:		Accounting Mode: Provision __X__ OOC-BU ____ OOC-RM ____		Send/Submit EDD to:	See Special Instructions
Other Info:		Stage: 40	Activity: 123	Invoice To:	BP-RM __X__ BP-Other ____

BP/RM PM:	Wade Melton
PM Phone:	360-594-7978
PM Email:	wade.melton@bp.com

Requested Analyses

Lab No.	Unique Sample ID, must follow format of SAMPLENAMEYYYYMMDD Examples: MW01_20190101; BH01_3-5_20190101	Time	Depth Unit	Grab (G) or Composite (C)	Total Number of Containers	Matrix	GRO (C6-C12) by 8015B	Ethanol/BTEX/5 Oxys/Napth by EPA 8260	EDB & 1,2-DCA by 8260	Stoddard Solvents by 8015B							Comments
	Filtered (Y/N)						N	N	N	N							
	Preservation						N	N	N	N							
	MW-1R_20200121	1147	FT	G	7	GW	X	X	X	X							
	MW-2_2020					GW	X	X	X	X							
	MW-4_2020					GW	X	X	X	X							
	MW-5_2020					GW	X	X	X	X							
	MW-6_2020					GW	X	X	X	X							
	MW-7_2020					GW	X	X	X	X							
	MW-8_2020					GW	X	X	X	X							
	MW-9_2020					GW	X	X	X	X							
	MW-10_2020					GW	X	X	X	X							
	MW-11R_2020					GW	X	X	X	X							

Report Type & QC Level
Limited (Standard) Package ____
Limited Plus Package ____
Full Package ____

Sampler's Name:	Elizabeth Diaz	Relinquished By / Affiliation	Date	Time	Accepted By / Affiliation	Date	Time
Sampler's Company:	Antea Group				EC-IRV	1/22/20	1000
Ship Method:	FedEX 1/21/20 Ship Date:	Elizabeth Diaz/Antea Group	1/21/20	1500			
Shipment Tracking No:	111997428950						

Special Instructions: 5 Oxygenates to include: TAME / TBA / DIPE / ETBE / MTBE. Send EDD/EDF to AGDataView.US@anteagroup.com, sandy.hayes@anteagroup.com, bryan.taylor@anteagroup.com, hannah.mishriki@anteagroup.com, ian.treat@anteagroup.com, jo.black@anteagroup.com, and lab.enfosdoc@bp.com.

THIS LINE - LAB USE ONLY: Custody Seals In Place: (Yes) / No | Temp Blank: Yes / No | Cooler Temp on Receipt: 5.3/5.6 °F/C IR-94 | Trip Blank: Yes / No | MS/MSD Sample Submitted: Yes / (No)

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440-259571 Chain of Custody

Laboratory Management Program (LaMP) Chain of Custody Record
Soil, Sediment and Groundwater Samples

BP Site Node Path: BP > USA > CA > SAN MATEO > 465 > PMPv4 > 1995 Release
Req Due Date (mm/dd/yy):
Rush TAT Yes ____ No X
BP/RM Facility No: ARCO No. 00465
Lab Work Order Number:

Lab Name:	TestAmerica	BP/ARC Facility Address:	151 Southgate Ave	Consultant/Contractor:	Antea Group
Lab Address:	17461 Derian Ave., Ste. 100, Irvine, CA 92614	City, State, ZIP Code:	Daly City, CA, 94015	Consultant/Contractor Project No:	00465EA191
Lab PM:	Christian Bondoc	Lead Regulatory Agency:	San Mateo County GPP	Address:	11010 White Rock Road, Suite 140, Rancho Cordova, CA 95670
Lab Phone:	949-261-1022	California Global ID No.:	T0608100027	Consultant/Contractor PM:	Hannah Mishriki
Lab Shipping Acct:	FedEx # 1103-6633-7	Enfos Proposal No:	009SB-0007/WR329286	Phone: 610-390-7059	Email: hannah.mishriki@anteagroup.com
Lab Bottle Order No:		Accounting Mode:	Provision __X__ OOC-BU ____ OOC-RM ____	Send/Submit EDD to:	See Special Instructions
Other Info:		Stage: 40	Activity: 123	Invoice To:	BP-RM ___X___ BP-Other ____

BP/RM PM:	Wade Melton
PM Phone:	360-594-7978
PM Email:	wade.melton@bp.com

Report Type & QC Level
Limited (Standard) Package ____
Limited Plus Package ____
Full Package ——

Lab No.	Unique Sample ID, must follow format of SAMPLENAMEYYYYMMDD Examples: MW01_20190101; BH01_3-5_20190101	Time	Depth Unit	Grab (G) or Composite (C)	Total Number of Containers	Matrix	GRO (C6-C12) by 8015B	Ethanol/BTEX/5 Oxys/Napth by EPA 8260	EDB & 1,2-DCA by 8260	Stoddard Solvents by 8015B	Comments
	Filtered (Y/N)						N	N	N	N	
	Preservation						N	N	N	N	
	MW-12_2020	0950	ft	G	7	GW	x	x	x	x	
	MW-13_2020					GW	x	x	x	x	
	MW-14_2020					GW	x	x	x	x	
	MW-15_2020					GW	x	x	x	x	
	MW-16_2020					GW	x	x	x	x	
	MW-17_2020					GW	x	x	x	x	
	MW-18_2020					GW	x	x	x	x	
	MW-19_2020					GW	x	x	x	x	
	MW-3D_2020					GW	x	x	x	x	
	MW-4D_2020					GW	x	x	x	x	

		Relinquished By / Affiliation	Date	Time	Accepted By / Affiliation	Date	Time
Sampler's Name:	Elizabeth Diaz	Elizabeth Diaz/AG	1/21/20	1800	EC-IRL	1/22/20	1000
Sampler's Company:	Antea Group						
Ship Method:	FedEx 1/21/20 Ship Date:						
Shipment Tracking No:							

Special Instructions: 5 Oxygenates to include: TAME / TBA / DIPE / ETBE / MTBE. Send EDD/EDF to AGDataView.US@anteagroup.com, sandy.hayes@anteagroup.com, bryan.taylor@anteagroup.com, hannah.mishriki@anteagroup.com, ian.treat@anteagroup.com, jo.black@anteagroup.com, and lab.enfosdoc@bp.com.

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IR-94

BP LaMP Soil/H2O COC March 2019

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Laboratory Management Program (LaMP) Chain of Custody Record
Soil, Sediment and Groundwater Samples

BP Site Node Path: BP > USA > CA > SAN MATEO > 465 > PMPv4 > 1995 Release
Req Due Date (mm/dd/yy):
Rush TAT Yes ____ No X
BP/RM Facility No: ARCO No. 00465
Lab Work Order Number:

Lab Name:	TestAmerica	BP/ARC Facility Address:	151 Southgate Ave	Consultant/Contractor:	Antea Group
Lab Address:	17461 Derian Ave., Ste. 100, Irvine, CA 92614	City, State, ZIP Code:	Daly City, CA, 94015	Consultant/Contractor Project No:	00465EA191
Lab PM:	Christian Bondoc	Lead Regulatory Agency:	San Mateo County GPP	Address:	11010 White Rock Road, Suite 140, Rancho Cordova, CA 95670
Lab Phone:	949-261-1022	California Global ID No.:	T0608100027	Consultant/Contractor PM:	Hannah Mishriki
Lab Shipping Accnt:	FedEx # 1103-6633-7	Enfos Proposal No:	009SB-0007/WR329286	Phone: 510-390-7059	Email: hannah.mishriki@anteagroup.com
Lab Bottle Order No:		Accounting Mode:	Provision __X__ OOC-BU ____ OOC-RM ____	Send/Submit EDD to:	See Special Instructions
Other Info:		Stage: 40	Activity: 123	Invoice To:	BP-RM ___X___ BP-Other ____

BP/RM PM: Wade Melton
PM Phone: 360-594-7978
PM Email: wade.melton@bp.com

Requested Analyses

Lab No.	Unique Sample ID, must follow format of SAMPLENAMEYYYYMMDD Examples: MW01_20190101; BH01_3-5_20190101	Time	Depth Unit	Grab (G) or Composite (C)	Total Number of Containers	Matrix	GRO (C6-C12) by 8015B	Ethanol/BTEX/5 Oxys/Naphth by EPA 8260	EDB & 1,2-DCA by 8260	Stoddard Solvents by 8015B							Comments
	Filtered (Y/N)						N	N	N	N							
	Preservation						N	N	N	N							
	MW-5D_2020					GW	x	x	x	x							
	MW-6D_2020 0121	1407	FT	G	7	GW	x	x	x	x							
	MW-7D_2020					GW	x	x	x	x							
	MW-9D_2020					GW	x	x	x	x							
	MW-16D_2020					GW	x	x	x	x							MS/MSD
	MW-18D_2020					GW	x	x	x	x							MS/MSD
	MW-19D_2020					GW	x	x	x	x							
	V-1_2020					GW	x	x	x	x							
	V-2_2020					GW	x	x	x	x							
	V-3_2020					GW	x	x	x	x							

Report Type & QC Level
Limited (Standard) Package ____
Limited Plus Package ____
Full Package ____

Sampler's Name:	Elizabeth Diaz	**Relinquished By / Affiliation**	**Date**	**Time**	**Accepted By / Affiliation**	**Date**	**Time**
Sampler's Company:	Antea Group	Elizabeth Diaz/AG	1/2/20	1803	CC-IRV	1/22/20	1000
Ship Method:	FedEx 1/2/20 Ship Date:						
Shipment Tracking No:							

Special Instructions: 5 Oxygenates to include: TAME / TBA / DIPE / ETBE / MTBE. Send EDD/EDF to AGDataView.US@anteagroup.com, sandy.hayes@anteagroup.com, bryan.taylor@anteagroup.com, hannah.mishriki@anteagroup.com, ian.treat@anteagroup.com, jo.black@anteagroup.com, and lab.enfosdoc@bp.com.

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BP LaMP Soil/H2O COC March 2019

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Laboratory Management Program (LaMP) Chain of Custody Record
Soil, Sediment and Groundwater Samples

BP Site Node Path: BP > USA > CA > SAN MATEO > 465 > PMPv4 > 1995 Release
Req Due Date (mm/dd/yy):
Rush TAT Yes ____ No X
BP/RM Facility No: ARCO No. 00465
Lab Work Order Number:

Lab Name:	TestAmerica	BP/ARC Facility Address:	151 Southgate Ave	Consultant/Contractor:	Antea Group
Lab Address:	17461 Derian Ave., Ste. 100, Irvine, CA 92614	City, State, ZIP Code:	Daly City, CA, 94015	Consultant/Contractor Project No:	00465EA191
Lab PM:	Christian Bondoc	Lead Regulatory Agency:	San Mateo County GPP	Address:	11010 White Rock Road, Suite 140, Rancho Cordova, CA 95670
Lab Phone:	949-261-1022	California Global ID No.:	T0608100027	Consultant/Contractor PM:	Hannah Mishriki
Lab Shipping Accnt:	FedEx # 1103-6633-7	Enfos Proposal No:	009SB-0007/WR329286	Phone: 610-390-7059	Email: hannah.mishriki@anteagroup.com
Lab Bottle Order No:		Accounting Mode:	Provision __X__ OOC-BU ____ OOC-RM ____	Send/Submit EDD to:	See Special Instructions
Other Info:		Stage: 40	Activity: 123	Invoice To:	BP-RM ___X___ BP-Other ____

BP/RM PM:	Wade Melton
PM Phone:	360-594-7978
PM Email:	wade.melton@bp.com

Requested Analyses

Lab No.	Unique Sample ID, must follow format of SAMPLENAMEYYYYMMDD Examples: MW01_20190101; BH01_3-5_20190101	Time	Depth Unit	Grab (G) or Composite (C)	Total Number of Containers	Matrix	GRO (C6-C12) by 8015B	Ethanol/BTEX/5 Oxys/Napth by EPA 8260	EDB & 1,2-DCA by 8260	Stoddard Solvents by 8015B							Comments
Filtered (Y/N)							N	N	N	N							
Preservation							N	N	N	N							
	V-4_2020					GW	x	x	x	x							
	V-5_2020					GW	x	x	x	x							
	V-6_2020					GW	x	x	x	x							
	V-7_2020					GW	x	x	x	x							
	V-8_2020					GW	x	x	x	x							
	V-9_2020					GW	x	x	x	x							
	V-10_2020					GW	x	x	x	x							
	V-11_2020					GW	x	x	x	x							
	V-12_2020					GW	x	x	x	x							
	V-13_2020					GW	x	x	x	x							

Report Type & QC Level
Limited (Standard) Package ____
Limited Plus Package ____
Full Package ——

Sampler's Name:	Elizabeth Diaz	Relinquished By / Affiliation	Date	Time	Accepted By / Affiliation	Date	Time
Sampler's Company:	Antea Group	Elizabeth Diaz/AG	1/4/20	1800	EC-IKU	1/02/20	1000
Ship Method:	Fed Ex 1/2/20 Ship Date:						
Shipment Tracking No:							

Special Instructions: 5 Oxygenates to include: TAME / TBA / DIPE / ETBE / MTBE. Send EDD/EDF to AGDataView.US@anteagroup.com, sandy.hayes@anteagroup.com, bryan.taylor@anteagroup.com, hannah.mishriki@anteagroup.com, ian.treat@anteagroup.com, jo.black@anteagroup.com, and lab.enfosdoc@bp.com.

THIS LINE - LAB USE ONLY: Custody Seals in Place: Yes / No | Temp Blank: Yes / No | Cooler Temp on Receipt: 5.3/5.6 °F/C | Trip Blank: Yes / No | MS/MSD Sample Submitted: Yes / No

IK-94

BP LaMP Soil/H2O COC March 2019

Proprietary and Confidential
Property of BP and its Affiliates

Laboratory Management Program (LaMP) Chain of Custody Record
Soil, Sediment and Groundwater Samples

BP Site Node Path: BP > USA > CA > SAN MATEO > 465 > PMPv4 > 1995 Release
Req Due Date (mm/dd/yy):
Rush TAT Yes ____ No X
BP/RM Facility No: ARCO No. 00465
Lab Work Order Number:

Lab Name: TestAmerica	BP/ARC Facility Address: 151 Southgate Ave	Consultant/Contractor: Antea Group
Lab Address: 17461 Derian Ave., Ste. 100, Irvine, CA 92614	City, State, ZIP Code: Daly City, CA, 94015	Consultant/Contractor Project No: 00465EA191
Lab PM: Christian Bondoc	Lead Regulatory Agency: San Mateo County GPP	Address: 11010 White Rock Road, Suite 140, Rancho Cordova, CA 95670
Lab Phone: 949-261-1022	California Global ID No.: T0608100027	Consultant/Contractor PM: Hannah Mishriki
Lab Shipping Accnt: FedEx # 1103-6633-7	Enfos Proposal No: 009SB-0007/WR329286	Phone: 610-390-7059 Email: hannah.mishriki@anteagroup.com
Lab Bottle Order No:	Accounting Mode: Provision __X__ OOC-BU ____ OOC-RM ____	Send/Submit EDD to: See Special Instructions
Other Info:	Stage: 40 Activity: 123	Invoice To: BP-RM ___X___ BP-Other ____

BP/RM PM: Wade Melton
PM Phone: 360-594-7978
PM Email: wade.melton@bp.com

Requested Analyses

Report Type & QC Level

Limited (Standard) Package ____
Limited Plus Package ____
Full Package ____

Lab No.	Unique Sample ID, must follow format of SAMPLENAMEYYYYMMDD Examples: MW01_20190101; BH01_3-5_20190101	Time	Depth Unit	Grab (G) or Composite (C)	Total Number of Containers	Matrix	GRO (C6-C12) by 8015B	Ethanol/BTEX/5 Oxys/Napth by EPA 8260	EDB & 1,2-DCA by 8260	Stoddard Solvents by 8015B	Comments
						Filtered (Y/N)	N	N	N	N	
						Preservation	N	N	N	N	
	V-14_2020					GW	x	x	x	x	
	DUP-465-1_2020					GW	x	x	x	x	
	DUP-465-2_2020					GW	x	x	x	x	
	TB-465_20200121		-	-	6	W	x	x	x		

Sampler's Name: Elizabeth Dion	Relinquished By / Affiliation	Date	Time	Accepted By / Affiliation	Date	Time
Sampler's Company: Antea Group	Elizabeth Dion / AG	1/21/20	1800	FEDEX	1/22/20	1000
Ship Method: FedEx 1/21/20 Ship Date:						
Shipment Tracking No:						

Proprietary and Confidential
Property of BP and its Affiliates

Login Sample Receipt Checklist

Client: Antea Group

Job Number: 440-259571-1

Login Number: 259571
List Number: 1
Creator: Skinner, Alma D

List Source: Eurofins Irvine

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	True	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	N/A	Not Present
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins Irvine Job No.: 440-259571-1

SDG No.:

Batch Number: 591944 Batch Start Date: 01/23/20 06:24 Batch Analyst: Le, Annie Y

Batch Method: 8260B Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	Initial pH	VMW8260T1CCV1 00139	VMWNU8260ISS 00195	
MB 440-591944/4		8260B		10 mL	10 mL	n/a SU		5 uL	
440-259581-D-3	GMX-RMW-9-20200122	8260B	T	10 mL	10 mL	7 SU		5 uL	
440-259581-E-3 MS		8260B	T	10 mL	10 mL	7 SU	8 uL	5 uL	
440-259581-F-3 MSD		8260B	T	10 mL	10 mL	7 SU	8 uL	5 uL	
440-259571-A-1	MW-1R_20200121	8260B	T	10 mL	10 mL	7 SU		5 uL	
440-259571-A-2	MW-12_20200121	8260B	T	10 mL	10 mL	6 SU		5 uL	
440-259571-A-3	MW-6D_20200121	8260B	T	10 mL	10 mL	7 SU		5 uL	
440-259571-A-4	TB-465_20200121	8260B	T	10 mL	10 mL	6 SU		5 uL	
LCS 440-591944/1002		8260B		10 mL	10 mL	n/a SU	25 uL	5 uL	

Batch Notes	

Basis	Basis Description
T	Total/NA

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GASOLINE RANGE ORGANICS BATCH WORKSHEET

Lab Name: Eurofins Irvine Job No.: 440-259571-1

SDG No.:

Batch Number: 592412 Batch Start Date: 01/27/20 08:31 Batch Analyst: Coleman, Hailley K

Batch Method: 8015B Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	Initial pH	VG-LCSTPH1000 00468	VG-SURR500PPM 00022	
LCS 440-592412/5		8015B		10 mL	10 mL	n/a SU	8 uL	1 uL	
MB 440-592412/6		8015B		10 mL	10 mL	n/a SU		1 uL	
440-259571-C-1	MW-1R_20200121	8015B	T	10 mL	10 mL	7 SU		1 uL	
440-259571-C-2	MW-12_20200121	8015B	T	10 mL	10 mL	7 SU		1 uL	
440-259571-C-3	MW-6D_20200121	8015B	T	10 mL	10 mL	7 SU		1 uL	
440-259571-C-4	TB-465_20200121	8015B	T	10 mL	10 mL	7 SU		1 uL	
440-259358-D-2	CW-5A2	8015B	T	10 mL	10 mL	<2 SU		1 uL	
440-259358-D-2 MS	CW-5A2	8015B	T	10 mL	10 mL	<2 SU	8 uL	1 uL	
440-259358-D-2 MSD	CW-5A2	8015B	T	10 mL	10 mL	<2 SU	8 uL	1 uL	

Batch Notes	
pH Indicator ID	HC991818/220416A
Pipette/Syringe/Dispenser ID	BT10ML/VOA-03/02-681-412
Vial Lot Number	0217701E

Basis	Basis Description
T	Total/NA

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

DIESEL RANGE ORGANICS BATCH WORKSHEET

Lab Name: Eurofins Irvine Job No.: 440-259571-1

SDG No.:

Batch Number: 591943 Batch Start Date: 01/23/20 05:58 Batch Analyst: Arias, Lizbeth 1

Batch Method: 3510C Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Basis	GrossWeight	TareWeight	InitialAmount	FinalAmount	ReceivedpH	gc8015dslLCSA 00120
MB 440-591943/1		3510C, 8015B				1000 mL	1 mL	6 SU	
LCS 440-591943/2		3510C, 8015B				1000 mL	1 mL	6 SU	1 mL
440-259552-H-2 MS		3510C, 8015B	T	1555 g	0520 g	1035 mL	1 mL	6 SU	1 mL
440-259552-G-2 MSD		3510C, 8015B	T	1560 g	0515 g	1045 mL	1 mL	6 SU	1 mL
440-259552-H-2		3510C, 8015B	T	1545 g	0520 g	1025 mL	1 mL	6 SU	
440-259571-G-1	MW-1R_20200121	3510C, 8015B	T	1570 g	0520 g	1050 mL	1 mL	6 SU	
440-259571-G-2	MW-12_20200121	3510C, 8015B	T	1570 g	0520 g	1050 mL	1 mL	6 SU	
440-259571-G-3	MW-6D_20200121	3510C, 8015B	T	1570 g	0520 g	1050 mL	1 mL	6 SU	

Lab Sample ID	Client Sample ID	Method Chain	Basis	gc8015dslSURR 00101	AnalysisComment				
MB 440-591943/1		3510C, 8015B		0.2 mL					
LCS 440-591943/2		3510C, 8015B		0.2 mL					
440-259552-H-2 MS		3510C, 8015B	T	0.2 mL	yellow				
440-259552-G-2 MSD		3510C, 8015B	T	0.2 mL	light yellow				
440-259552-H-2		3510C, 8015B	T	0.2 mL	light yellow				
440-259571-G-1	MW-1R_20200121	3510C, 8015B	T	0.2 mL	cloudy				
440-259571-G-2	MW-12_20200121	3510C, 8015B	T	0.2 mL	Dark with emulsion				
440-259571-G-3	MW-6D_20200121	3510C, 8015B	T	0.2 mL	Yellow with emulsion				

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

DIESEL RANGE ORGANICS BATCH WORKSHEET

Lab Name: Eurofins Irvine Job No.: 440-259571-1

SDG No.:

Batch Number: 591943 Batch Start Date: 01/23/20 05:58 Batch Analyst: Arias, Lizbeth 1

Batch Method: 3510C Batch End Date:

Batch Notes	
Balance ID	68
Batch Comment	8015B split
Analyst ID - Concentration	LH
Concentration 1 Corrected Temperature	35 Degrees C
Equipment ID - Concentration 1	TV 02 13 08 11
Analyst ID - Extraction	LH
Filter ID	Sartorius 19-107
Method/Fraction	8015B
Na2SO4 ID	5876203
pH Indicator ID	HC989495
Pipette/Syringe/Dispenser ID	9"Disposable / 040319500A 1203181000A
Prep Solvent ID	DCM 6011538
Prep Solvent Volume Used	180 mL
Analyst ID - Spike Analyst	LH
Sufficient Volume for Batch QC	Yes
Concentration 1 Uncorrected Temperature	35 Degrees C
Vial Lot Number	Thermo Scientific 19096222
Reagent Water ID	Nano pure water

Basis	Basis Description
T	Total/NA

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

Is the Data Valid? (circle) Yes / No	Preservation Temperature (if Known): 5.6 ºC

Antea®Group Lab Validation Sheet

Project/Client: BP
Project #: 00465EA191
Date of Validation: 2/6/2020
Completed By: Katelynn Smith **Signature:** Katelynn Smith
Analytical Lab Used and Report # (if any): J259571

	Circle or Highlight Yes/No below
1. Was the analysis the one requested?	Yes / No
2. Do the sample number(s) on the chain-of-custody (COC) match the one(s) that appear on the laboratory data sheet?	Yes / No
3. Were samples prepared (extracted, filtered, etc.) within EPA holding times?	Yes / No
4. Once prepared/extracted, were the samples analyzed within the EPA holding times?	Yes / No
5. Were Laboratory blanks performed, if so, were they below non-detect?	Yes / No
6. Are the units correct? (i.e., soil samples in mg/kg or ug/g, water samples mg/L, ug/L, and air samples in volume mg/m^3,etc.)	Yes / No
7. Were appropriate Matrix Spike (MS) and Matrix Spike Duplicate (MSD) samples included in the laboratory batch sample?	Yes / No
8. In lieu of MS/ MSD, were surrogate spike (SS) or surrogate spike duplicate (SSD) samples included in the laboratory batch samples?	Yes / No
9. Were MS/ MSD (or SS/SSD) within the acceptable range of % recovery (i.e., approx 80-120% depending on analyte)?	Yes / No
10. Were MS/MSD (or SS/SSD) values used to calculate Relative Percent Difference (RPD)?	Yes / No
11. Were Relative Percent Difference values within the acceptable range (i.e. ± 25%)?	Yes / No

If any answer is no, explain why and what corrective action was taken:

The laboratory noted the following qualifier(s) in the lab report:

ANALYTICAL REPORT

Eurofins Calscience Irvine
17461 Derian Ave
Suite 100
Irvine, CA 92614-5817
Tel: (949)261-1022

Laboratory Job ID: 440-259635-1
Client Project/Site: ARCO 0465, Daly City
Revision: 2

For:
Antea Group
11010 White Rock Road
Suite 140
Rancho Cordova, California 95670

Attn: Hannah Mishriki



Authorized for release by:
2/27/2020 11:20:35 AM
Tiffany Rivera, Project Management Assistant I
tiffany.rivera@testamericainc.com

Designee for

Christian Bondoc, Project Manager I
(949)260-3218
christian.bondoc@testamericainc.com

This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Results relate only to the items tested and the sample(s) as received by the laboratory.

The results listed within this Laboratory Report pertain only to the samples tested in the laboratory. The analyses contained in this report were performed in accordance with the BPLAMP Technical Specifications, applicable federal, state, local regulations and certification requirements as well as the methodologies as described in laboratory SOPs reviewed by the BPLAMP. This Laboratory Report is confidential and is intended for the sole use of Eurofins TestAmerica and its client. This report shall not be reproduced, except in full, without written permission from TestAmerica. The signature on the cover page extends to the case narrative and all the data and forms in the package. The Chain of Custody is included and is an integral part of this report.

Tiffany Rivera

Tiffany Rivera
Project Management Assistant I
2/27/2020 11:20:35 AM

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Definitions/Glossary

Client: Antea Group
Project/Site: ARCO 0465, Daly City

Job ID: 440-259635-1

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
LM	MS and/or MSD above acceptance limits. See Blank Spike (LCS)

GC VOA

Qualifier	Qualifier Description
LR	LCS/LCSD recovery below method control limits

GC Semi VOA

Qualifier	Qualifier Description
LN	MS and/or MSD below acceptance limits. See Blank Spike (LCS)

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
¤	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
PQL	Practical Quantitation Limit
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)

Client: Antea Group
Project/Site: ARCO 0465, Daly City

Job ID: 440-259635-1

Job ID: 440-259635-1

Laboratory: Eurofins Calscience Irvine

Narrative

Job Narrative
440-259635-1

Comments
Corrected sample IDs and sampling date per client revised COC.

Receipt
The samples were received on 1/23/2020 10:00 AM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperatures of the 2 coolers at receipt time were 1.7º C and 2.7º C.

GC/MS VOA
No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

GC VOA
No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

GC Semi VOA
Method 8015B: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 440-592152 and analytical batch 440-592215 were outside control limits. Sample matrix interference is suspected. The associated laboratory control sample (LCS) recovery was within acceptance limits.

Method 8015B: The matrix spike duplicate (MSD) recovery for preparation batch 440-592152 and analytical batch 440-592215 was outside control limits. Sample matrix interference is suspected. The associated laboratory control sample (LCS) recovery was within acceptance limits.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

Organic Prep
No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

VOA Prep
No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

Detection Summary

Client: Antea Group
Project/Site: ARCO 0465, Daly City

Job ID: 440-259635-1

Client Sample ID: MW-9_20200122 — Lab Sample ID: 440-259635-1

No Detections.

Client Sample ID: MW-18_20200122 — Lab Sample ID: 440-259635-2

No Detections.

Client Sample ID: MW-7D_20200122 — Lab Sample ID: 440-259635-3

No Detections.

Client Sample ID: MW-9D_20200122 — Lab Sample ID: 440-259635-4

No Detections.

Client Sample ID: MW-16D_20200121 — Lab Sample ID: 440-259635-5

No Detections.

Client Sample ID: MW-18D_20200122 — Lab Sample ID: 440-259635-6

No Detections.

Client Sample ID: V-8_20200122 — Lab Sample ID: 440-259635-7

No Detections.

Client Sample ID: TB-465_20200122 — Lab Sample ID: 440-259635-8

No Detections.

This Detection Summary does not include radiochemical test results.

Client Sample ID: MW-9_20200122

Lab Sample ID: 440-259635-1

Date Collected: 01/22/20 13:20

Matrix: Water

Date Received: 01/23/20 10:00

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromoethane (EDB)	ND		0.50		ug/L			01/24/20 20:18	1
1,2-Dichloroethane	ND		0.50		ug/L			01/24/20 20:18	1
Benzene	ND		0.50		ug/L			01/24/20 20:18	1
Ethanol	ND		150		ug/L			01/24/20 20:18	1
Ethylbenzene	ND		0.50		ug/L			01/24/20 20:18	1
Ethyl-t-butyl ether (ETBE)	ND		0.50		ug/L			01/24/20 20:18	1
Isopropyl Ether (DIPE)	ND		0.50		ug/L			01/24/20 20:18	1
m,p-Xylene	ND		1.0		ug/L			01/24/20 20:18	1
Methyl-t-Butyl Ether (MTBE)	ND		0.50		ug/L			01/24/20 20:18	1
Naphthalene	ND		1.0		ug/L			01/24/20 20:18	1
o-Xylene	ND		0.50		ug/L			01/24/20 20:18	1
Tert-amyl-methyl ether (TAME)	ND		0.50		ug/L			01/24/20 20:18	1
tert-Butyl alcohol (TBA)	ND		10		ug/L			01/24/20 20:18	1
Toluene	ND		0.50		ug/L			01/24/20 20:18	1
Xylenes, Total	ND		1.0		ug/L			01/24/20 20:18	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*96*		*80 - 120*		*01/24/20 20:18*	*1*
Dibromofluoromethane (Surr)	*104*		*76 - 132*		*01/24/20 20:18*	*1*
Toluene-d8 (Surr)	*101*		*80 - 128*		*01/24/20 20:18*	*1*

Method: 8015B - Gasoline Range Organics - (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
GRO (C6-C12)	ND		50		ug/L			01/25/20 00:26	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*98*		*65 - 140*		*01/25/20 00:26*	*1*

Method: 8015B - Stoddard Solvent

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Stod.Sol. RO [C9-C13]	ND		0.048		mg/L		01/24/20 06:09	01/24/20 15:57	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
n-Octacosane	*81*		*45 - 120*	*01/24/20 06:09*	*01/24/20 15:57*	*1*

Client Sample ID: MW-18_20200122

Lab Sample ID: 440-259635-2

Date Collected: 01/22/20 12:40

Matrix: Water

Date Received: 01/23/20 10:00

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromoethane (EDB)	ND		0.50		ug/L			01/24/20 16:33	1
1,2-Dichloroethane	ND		0.50		ug/L			01/24/20 16:33	1
Benzene	ND		0.50		ug/L			01/24/20 16:33	1
Ethanol	ND		150		ug/L			01/24/20 16:33	1
Ethylbenzene	ND		0.50		ug/L			01/24/20 16:33	1
Ethyl-t-butyl ether (ETBE)	ND		0.50		ug/L			01/24/20 16:33	1
m,p-Xylene	ND		1.0		ug/L			01/24/20 16:33	1
Methyl-t-Butyl Ether (MTBE)	ND		0.50		ug/L			01/24/20 16:33	1
Naphthalene	ND		1.0		ug/L			01/24/20 16:33	1
o-Xylene	ND		0.50		ug/L			01/24/20 16:33	1

Client Sample ID: MW-18_20200122

Lab Sample ID: 440-259635-2

Date Collected: 01/22/20 12:40

Matrix: Water

Date Received: 01/23/20 10:00

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Tert-amyl-methyl ether (TAME)	ND		0.50		ug/L			01/24/20 16:33	1
tert-Butyl alcohol (TBA)	ND		10		ug/L			01/24/20 16:33	1
Toluene	ND		0.50		ug/L			01/24/20 16:33	1
Xylenes, Total	ND		1.0		ug/L			01/24/20 16:33	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*88*		*80 - 120*		*01/24/20 16:33*	*1*
Dibromofluoromethane (Surr)	*105*		*76 - 132*		*01/24/20 16:33*	*1*
Toluene-d8 (Surr)	*98*		*80 - 128*		*01/24/20 16:33*	*1*

Method: 8260B - Volatile Organic Compounds (GC/MS) - RA

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Isopropyl Ether (DIPE)	ND		0.50		ug/L			01/25/20 01:55	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*104*		*80 - 120*		*01/25/20 01:55*	*1*
Dibromofluoromethane (Surr)	*103*		*76 - 132*		*01/25/20 01:55*	*1*
Toluene-d8 (Surr)	*107*		*80 - 128*		*01/25/20 01:55*	*1*

Method: 8015B - Gasoline Range Organics - (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
GRO (C6-C12)	ND	LR	50		ug/L			01/25/20 11:17	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*103*		*65 - 140*		*01/25/20 11:17*	*1*

Method: 8015B - Stoddard Solvent

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Stod.Sol. RO [C9-C13]	ND		0.048		mg/L		01/24/20 06:09	01/24/20 16:21	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
n-Octacosane	*77*		*45 - 120*	*01/24/20 06:09*	*01/24/20 16:21*	*1*

Client Sample ID: MW-7D_20200122

Lab Sample ID: 440-259635-3

Date Collected: 01/22/20 14:57

Matrix: Water

Date Received: 01/23/20 10:00

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromoethane (EDB)	ND		0.50		ug/L			01/24/20 20:42	1
1,2-Dichloroethane	ND		0.50		ug/L			01/24/20 20:42	1
Benzene	ND		0.50		ug/L			01/24/20 20:42	1
Ethanol	ND		150		ug/L			01/24/20 20:42	1
Ethylbenzene	ND		0.50		ug/L			01/24/20 20:42	1
Ethyl-t-butyl ether (ETBE)	ND		0.50		ug/L			01/24/20 20:42	1
Isopropyl Ether (DIPE)	ND		0.50		ug/L			01/24/20 20:42	1
m,p-Xylene	ND		1.0		ug/L			01/24/20 20:42	1
Methyl-t-Butyl Ether (MTBE)	ND		0.50		ug/L			01/24/20 20:42	1
Naphthalene	ND		1.0		ug/L			01/24/20 20:42	1
o-Xylene	ND		0.50		ug/L			01/24/20 20:42	1
Tert-amyl-methyl ether (TAME)	ND		0.50		ug/L			01/24/20 20:42	1
tert-Butyl alcohol (TBA)	ND		10		ug/L			01/24/20 20:42	1

Client Sample ID: MW-7D_20200122

Lab Sample ID: 440-259635-3

Date Collected: 01/22/20 14:57
Matrix: Water
Date Received: 01/23/20 10:00

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Toluene	ND		0.50		ug/L			01/24/20 20:42	1
Xylenes, Total	ND		1.0		ug/L			01/24/20 20:42	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*97*		*80 - 120*		*01/24/20 20:42*	*1*
Dibromofluoromethane (Surr)	*101*		*76 - 132*		*01/24/20 20:42*	*1*
Toluene-d8 (Surr)	*102*		*80 - 128*		*01/24/20 20:42*	*1*

Method: 8015B - Gasoline Range Organics - (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
GRO (C6-C12)	ND		50		ug/L			01/25/20 00:56	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*97*		*65 - 140*		*01/25/20 00:56*	*1*

Method: 8015B - Stoddard Solvent

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Stod.Sol. RO [C9-C13]	ND		0.048		mg/L		01/24/20 06:09	01/24/20 20:59	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
n-Octacosane	*84*		*45 - 120*	*01/24/20 06:09*	*01/24/20 20:59*	*1*

Client Sample ID: MW-9D_20200122

Lab Sample ID: 440-259635-4

Date Collected: 01/22/20 09:15
Matrix: Water
Date Received: 01/23/20 10:00

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromoethane (EDB)	ND		0.50		ug/L			01/24/20 21:06	1
1,2-Dichloroethane	ND		0.50		ug/L			01/24/20 21:06	1
Benzene	ND		0.50		ug/L			01/24/20 21:06	1
Ethanol	ND		150		ug/L			01/24/20 21:06	1
Ethylbenzene	ND		0.50		ug/L			01/24/20 21:06	1
Ethyl-t-butyl ether (ETBE)	ND		0.50		ug/L			01/24/20 21:06	1
Isopropyl Ether (DIPE)	ND		0.50		ug/L			01/24/20 21:06	1
m,p-Xylene	ND		1.0		ug/L			01/24/20 21:06	1
Methyl-t-Butyl Ether (MTBE)	ND		0.50		ug/L			01/24/20 21:06	1
Naphthalene	ND		1.0		ug/L			01/24/20 21:06	1
o-Xylene	ND		0.50		ug/L			01/24/20 21:06	1
Tert-amyl-methyl ether (TAME)	ND		0.50		ug/L			01/24/20 21:06	1
tert-Butyl alcohol (TBA)	ND		10		ug/L			01/24/20 21:06	1
Toluene	ND		0.50		ug/L			01/24/20 21:06	1
Xylenes, Total	ND		1.0		ug/L			01/24/20 21:06	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*96*		*80 - 120*		*01/24/20 21:06*	*1*
Dibromofluoromethane (Surr)	*103*		*76 - 132*		*01/24/20 21:06*	*1*
Toluene-d8 (Surr)	*103*		*80 - 128*		*01/24/20 21:06*	*1*

Method: 8015B - Gasoline Range Organics - (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
GRO (C6-C12)	ND		50		ug/L			01/25/20 01:26	1

Client Sample ID: MW-9D_20200122

Lab Sample ID: 440-259635-4

Date Collected: 01/22/20 09:15
Matrix: Water
Date Received: 01/23/20 10:00

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*98*		*65 - 140*		*01/25/20 01:26*	*1*

Method: 8015B - Stoddard Solvent

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Stod.Sol. RO [C9-C13]	ND		0.048	mg/L		01/24/20 06:09	01/24/20 20:13	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
n-Octacosane	*77*		*45 - 120*	*01/24/20 06:09*	*01/24/20 20:13*	*1*

Client Sample ID: MW-16D_20200121

Lab Sample ID: 440-259635-5

Date Collected: 01/21/20 16:30
Matrix: Water
Date Received: 01/23/20 10:00

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromoethane (EDB)	ND		0.50	ug/L			01/24/20 13:14	1
1,2-Dichloroethane	ND		0.50	ug/L			01/24/20 13:14	1
Benzene	ND		0.50	ug/L			01/24/20 13:14	1
Ethanol	ND		150	ug/L			01/24/20 13:14	1
Ethylbenzene	ND		0.50	ug/L			01/24/20 13:14	1
Ethyl-t-butyl ether (ETBE)	ND		0.50	ug/L			01/24/20 13:14	1
m,p-Xylene	ND		1.0	ug/L			01/24/20 13:14	1
Methyl-t-Butyl Ether (MTBE)	ND		0.50	ug/L			01/24/20 13:14	1
Naphthalene	ND		1.0	ug/L			01/24/20 13:14	1
o-Xylene	ND		0.50	ug/L			01/24/20 13:14	1
Tert-amyl-methyl ether (TAME)	ND		0.50	ug/L			01/24/20 13:14	1
tert-Butyl alcohol (TBA)	ND		10	ug/L			01/24/20 13:14	1
Toluene	ND		0.50	ug/L			01/24/20 13:14	1
Xylenes, Total	ND		1.0	ug/L			01/24/20 13:14	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*88*		*80 - 120*		*01/24/20 13:14*	*1*
Dibromofluoromethane (Surr)	*105*		*76 - 132*		*01/24/20 13:14*	*1*
Toluene-d8 (Surr)	*97*		*80 - 128*		*01/24/20 13:14*	*1*

Method: 8260B - Volatile Organic Compounds (GC/MS) - RA

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Isopropyl Ether (DIPE)	ND		0.50	ug/L			01/25/20 02:23	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*105*		*80 - 120*		*01/25/20 02:23*	*1*
Dibromofluoromethane (Surr)	*102*		*76 - 132*		*01/25/20 02:23*	*1*
Toluene-d8 (Surr)	*108*		*80 - 128*		*01/25/20 02:23*	*1*

Method: 8015B - Gasoline Range Organics - (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
GRO (C6-C12)	ND	LR	50	ug/L			01/25/20 11:46	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*103*		*65 - 140*		*01/25/20 11:46*	*1*

Client Sample ID: MW-16D_20200121

Lab Sample ID: 440-259635-5

Date Collected: 01/21/20 16:30
Matrix: Water
Date Received: 01/23/20 10:00

Method: 8015B - Stoddard Solvent

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Stod.Sol. RO [C9-C13]	ND		0.048		mg/L		01/24/20 06:09	01/24/20 20:36	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
n-Octacosane	*80*		*45 - 120*	*01/24/20 06:09*	*01/24/20 20:36*	*1*

Client Sample ID: MW-18D_20200122

Lab Sample ID: 440-259635-6

Date Collected: 01/22/20 15:40
Matrix: Water
Date Received: 01/23/20 10:00

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromoethane (EDB)	ND		0.50		ug/L			01/24/20 19:00	1
1,2-Dichloroethane	ND		0.50		ug/L			01/24/20 19:00	1
Benzene	ND		0.50		ug/L			01/24/20 19:00	1
Ethanol	ND		150		ug/L			01/24/20 19:00	1
Ethylbenzene	ND		0.50		ug/L			01/24/20 19:00	1
Ethyl-t-butyl ether (ETBE)	ND		0.50		ug/L			01/24/20 19:00	1
Isopropyl Ether (DIPE)	ND		0.50		ug/L			01/24/20 19:00	1
m,p-Xylene	ND		1.0		ug/L			01/24/20 19:00	1
Methyl-t-Butyl Ether (MTBE)	ND		0.50		ug/L			01/24/20 19:00	1
Naphthalene	ND		1.0		ug/L			01/24/20 19:00	1
o-Xylene	ND		0.50		ug/L			01/24/20 19:00	1
Tert-amyl-methyl ether (TAME)	ND		0.50		ug/L			01/24/20 19:00	1
tert-Butyl alcohol (TBA)	ND		10		ug/L			01/24/20 19:00	1
Toluene	ND		0.50		ug/L			01/24/20 19:00	1
Xylenes, Total	ND		1.0		ug/L			01/24/20 19:00	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*96*		*80 - 120*		*01/24/20 19:00*	*1*
Dibromofluoromethane (Surr)	*103*		*76 - 132*		*01/24/20 19:00*	*1*
Toluene-d8 (Surr)	*102*		*80 - 128*		*01/24/20 19:00*	*1*

Method: 8015B - Gasoline Range Organics - (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
GRO (C6-C12)	ND		50		ug/L			01/25/20 01:56	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*97*		*65 - 140*		*01/25/20 01:56*	*1*

Method: 8015B - Stoddard Solvent

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Stod.Sol. RO [C9-C13]	ND		0.048		mg/L		01/24/20 06:09	01/24/20 17:07	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
n-Octacosane	*80*		*45 - 120*	*01/24/20 06:09*	*01/24/20 17:07*	*1*

Client Sample ID: V-8_20200122

Lab Sample ID: 440-259635-7

Date Collected: 01/22/20 16:52

Matrix: Water

Date Received: 01/23/20 10:00

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromoethane (EDB)	ND		0.50		ug/L			01/24/20 17:01	1
1,2-Dichloroethane	ND		0.50		ug/L			01/24/20 17:01	1
Benzene	ND		0.50		ug/L			01/24/20 17:01	1
Ethanol	ND		150		ug/L			01/24/20 17:01	1
Ethylbenzene	ND		0.50		ug/L			01/24/20 17:01	1
Ethyl-t-butyl ether (ETBE)	ND		0.50		ug/L			01/24/20 17:01	1
m,p-Xylene	ND		1.0		ug/L			01/24/20 17:01	1
Methyl-t-Butyl Ether (MTBE)	ND		0.50		ug/L			01/24/20 17:01	1
Naphthalene	ND		1.0		ug/L			01/24/20 17:01	1
o-Xylene	ND		0.50		ug/L			01/24/20 17:01	1
Tert-amyl-methyl ether (TAME)	ND		0.50		ug/L			01/24/20 17:01	1
tert-Butyl alcohol (TBA)	ND		10		ug/L			01/24/20 17:01	1
Toluene	ND		0.50		ug/L			01/24/20 17:01	1
Xylenes, Total	ND		1.0		ug/L			01/24/20 17:01	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*87*		*80 - 120*		*01/24/20 17:01*	*1*
Dibromofluoromethane (Surr)	*104*		*76 - 132*		*01/24/20 17:01*	*1*
Toluene-d8 (Surr)	*99*		*80 - 128*		*01/24/20 17:01*	*1*

Method: 8260B - Volatile Organic Compounds (GC/MS) - RA

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Isopropyl Ether (DIPE)	ND		0.50		ug/L			01/25/20 02:50	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*105*		*80 - 120*		*01/25/20 02:50*	*1*
Dibromofluoromethane (Surr)	*100*		*76 - 132*		*01/25/20 02:50*	*1*
Toluene-d8 (Surr)	*106*		*80 - 128*		*01/25/20 02:50*	*1*

Method: 8015B - Gasoline Range Organics - (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
GRO (C6-C12)	ND	LR	50		ug/L			01/25/20 13:14	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*101*		*65 - 140*		*01/25/20 13:14*	*1*

Method: 8015B - Stoddard Solvent

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Stod.Sol. RO [C9-C13]	ND		0.047		mg/L		01/24/20 06:09	01/24/20 19:26	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
n-Octacosane	*73*		*45 - 120*	*01/24/20 06:09*	*01/24/20 19:26*	*1*

Client Sample ID: TB-465_20200122

Lab Sample ID: 440-259635-8

Date Collected: 01/22/20 00:01

Matrix: Water

Date Received: 01/23/20 10:00

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromoethane (EDB)	ND		0.50		ug/L			01/24/20 21:29	1
1,2-Dichloroethane	ND		0.50		ug/L			01/24/20 21:29	1
Benzene	ND		0.50		ug/L			01/24/20 21:29	1

Client: Antea Group
Project/Site: ARCO 0465, Daly City

Job ID: 440-259635-1

Client Sample ID: TB-465_20200122
Date Collected: 01/22/20 00:01
Date Received: 01/23/20 10:00

Lab Sample ID: 440-259635-8
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Ethanol	ND		150		ug/L			01/24/20 21:29	1
Ethylbenzene	ND		0.50		ug/L			01/24/20 21:29	1
Ethyl-t-butyl ether (ETBE)	ND		0.50		ug/L			01/24/20 21:29	1
Isopropyl Ether (DIPE)	ND		0.50		ug/L			01/24/20 21:29	1
m,p-Xylene	ND		1.0		ug/L			01/24/20 21:29	1
Methyl-t-Butyl Ether (MTBE)	ND		0.50		ug/L			01/24/20 21:29	1
Naphthalene	ND		1.0		ug/L			01/24/20 21:29	1
o-Xylene	ND		0.50		ug/L			01/24/20 21:29	1
Tert-amyl-methyl ether (TAME)	ND		0.50		ug/L			01/24/20 21:29	1
tert-Butyl alcohol (TBA)	ND		10		ug/L			01/24/20 21:29	1
Toluene	ND		0.50		ug/L			01/24/20 21:29	1
Xylenes, Total	ND		1.0		ug/L			01/24/20 21:29	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*96*		*80 - 120*		*01/24/20 21:29*	*1*
Dibromofluoromethane (Surr)	*104*		*76 - 132*		*01/24/20 21:29*	*1*
Toluene-d8 (Surr)	*102*		*80 - 128*		*01/24/20 21:29*	*1*

Method: 8015B - Gasoline Range Organics - (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
GRO (C6-C12)	ND		50		ug/L			01/24/20 23:56	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*98*		*65 - 140*		*01/24/20 23:56*	*1*

Surrogate Summary

Client: Antea Group
Project/Site: ARCO 0465, Daly City

Job ID: 440-259635-1

Method: 8260B - Volatile Organic Compounds (GC/MS)

Matrix: Water

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)		
Lab Sample ID	Client Sample ID	BFB (80-120)	DBFM (76-132)	TOL (80-128)
440-259635-1	MW-9_20200122	96	104	101
440-259635-2	MW-18_20200122	88	105	98
440-259635-2 - RA	MW-18_20200122	104	103	107
440-259635-3	MW-7D_20200122	97	101	102
440-259635-4	MW-9D_20200122	96	103	103
440-259635-5	MW-16D_20200121	88	105	97
440-259635-5 - RA	MW-16D_20200121	105	102	108
440-259635-5	MW-16D_20200121	104	101	108
440-259635-5 MS	MW-16D_20200121	89	104	97
440-259635-5 MS	MW-16D_20200121	94	98	104
440-259635-5 MSD	MW-16D_20200121	88	103	95
440-259635-5 MSD	MW-16D_20200121	96	103	101
440-259635-6	MW-18D_20200122	96	103	102
440-259635-6 MS	MW-18D_20200122	95	103	97
440-259635-6 MSD	MW-18D_20200122	98	102	101
440-259635-7	V-8_20200122	87	104	99
440-259635-7 - RA	V-8_20200122	105	100	106
440-259635-8	TB-465_20200122	96	104	102
440-259702-C-2 MS	Matrix Spike	98	100	103
440-259702-C-2 MSD	Matrix Spike Duplicate	100	100	102
LCS 440-592169/1002	Lab Control Sample	87	100	94
LCS 440-592287/1009	Lab Control Sample	98	100	101
LCS 440-592290/1002	Lab Control Sample	97	100	105
LCS 440-592372/1002	Lab Control Sample	96	98	102
MB 440-592169/4	Method Blank	89	104	99
MB 440-592287/5	Method Blank	105	102	110
MB 440-592290/4	Method Blank	96	105	101
MB 440-592372/6	Method Blank	101	100	106

Surrogate Legend

BFB = 4-Bromofluorobenzene (Surr)
DBFM = Dibromofluoromethane (Surr)
TOL = Toluene-d8 (Surr)

Method: 8015B - Gasoline Range Organics - (GC)

Matrix: Water

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)
Lab Sample ID	Client Sample ID	BFB1 (65-140)
440-259635-1	MW-9_20200122	98
440-259635-2	MW-18_20200122	103
440-259635-3	MW-7D_20200122	97
440-259635-4	MW-9D_20200122	98
440-259635-5	MW-16D_20200121	103
440-259635-5 MS	MW-16D_20200121	97
440-259635-5 MSD	MW-16D_20200121	96
440-259635-6	MW-18D_20200122	97
440-259635-6 MS	MW-18D_20200122	106
440-259635-6 MSD	MW-18D_20200122	108

Surrogate Summary

Client: Antea Group
Job ID: 440-259635-1
Project/Site: ARCO 0465, Daly City

Method: 8015B - Gasoline Range Organics - (GC) (Continued)

Matrix: Water **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)
Lab Sample ID	Client Sample ID	BFB1 (65-140)
440-259635-7	V-8_20200122	101
440-259635-8	TB-465_20200122	98
LCS 440-592278/23	Lab Control Sample	115
LCS 440-592326/4	Lab Control Sample	95
MB 440-592278/24	Method Blank	97
MB 440-592326/5	Method Blank	101

Surrogate Legend

BFB = 4-Bromofluorobenzene (Surr)

Method: 8015B - Stoddard Solvent

Matrix: Water **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)
Lab Sample ID	Client Sample ID	OTCN1 (45-120)
440-259635-1	MW-9_20200122	81
440-259635-2	MW-18_20200122	77
440-259635-3	MW-7D_20200122	84
440-259635-4	MW-9D_20200122	77
440-259635-5	MW-16D_20200121	80
440-259635-5 MS	MW-16D_20200121	79
440-259635-5 MSD	MW-16D_20200121	68
440-259635-6	MW-18D_20200122	80
440-259635-6 MS	MW-18D_20200122	85
440-259635-6 MSD	MW-18D_20200122	75
440-259635-7	V-8_20200122	73
LCS 440-592152/2-A	Lab Control Sample	77
MB 440-592152/1-A	Method Blank	80

Surrogate Legend

OTCN = n-Octacosane

Method: 8260B - Volatile Organic Compounds (GC/MS)

Lab Sample ID: MB 440-592169/4
Matrix: Water
Analysis Batch: 592169

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromoethane (EDB)	ND		0.50		ug/L			01/24/20 09:27	1
1,2-Dichloroethane	ND		0.50		ug/L			01/24/20 09:27	1
Benzene	ND		0.50		ug/L			01/24/20 09:27	1
Ethanol	ND		150		ug/L			01/24/20 09:27	1
Ethylbenzene	ND		0.50		ug/L			01/24/20 09:27	1
Ethyl-t-butyl ether (ETBE)	ND		0.50		ug/L			01/24/20 09:27	1
m,p-Xylene	ND		1.0		ug/L			01/24/20 09:27	1
Methyl-t-Butyl Ether (MTBE)	ND		0.50		ug/L			01/24/20 09:27	1
Naphthalene	ND		1.0		ug/L			01/24/20 09:27	1
o-Xylene	ND		0.50		ug/L			01/24/20 09:27	1
Tert-amyl-methyl ether (TAME)	ND		0.50		ug/L			01/24/20 09:27	1
tert-Butyl alcohol (TBA)	ND		10		ug/L			01/24/20 09:27	1
Toluene	ND		0.50		ug/L			01/24/20 09:27	1
Xylenes, Total	ND		1.0		ug/L			01/24/20 09:27	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*89*		*80 - 120*		*01/24/20 09:27*	*1*
Dibromofluoromethane (Surr)	*104*		*76 - 132*		*01/24/20 09:27*	*1*
Toluene-d8 (Surr)	*99*		*80 - 128*		*01/24/20 09:27*	*1*

Lab Sample ID: LCS 440-592169/1002
Matrix: Water
Analysis Batch: 592169

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
1,2-Dibromoethane (EDB)			25.0	24.5		ug/L		98	70 - 130		
1,2-Dichloroethane			25.0	20.5		ug/L		82	57 - 138		
Benzene			25.0	21.7		ug/L		87	68 - 130		
Ethanol			1250	1060		ug/L		85	50 - 149		
Ethylbenzene			25.0	23.0		ug/L		92	70 - 130		
Ethyl-t-butyl ether (ETBE)			25.0	19.8		ug/L		79	60 - 136		
m,p-Xylene			25.0	24.8		ug/L		99	70 - 130		
Methyl-t-Butyl Ether (MTBE)			25.0	22.0		ug/L		88	63 - 131		
Naphthalene			25.0	27.8		ug/L		111	60 - 140		
o-Xylene			25.0	24.4		ug/L		97	70 - 130		
Tert-amyl-methyl ether (TAME)			25.0	21.6		ug/L		86	57 - 139		
tert-Butyl alcohol (TBA)			250	284		ug/L		114	70 - 130		
Toluene			25.0	22.0		ug/L		88	70 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*87*		*80 - 120*
Dibromofluoromethane (Surr)	*100*		*76 - 132*
Toluene-d8 (Surr)	*94*		*80 - 128*

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 440-259635-5 MS
Matrix: Water
Analysis Batch: 592169

Client Sample ID: MW-16D_20200121
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
1,2-Dibromoethane (EDB)	ND		10.0	9.94		ug/L		99	70 - 131
1,2-Dichloroethane	ND		10.0	8.08		ug/L		81	56 - 146
Benzene	ND		10.0	8.49		ug/L		85	66 - 130
Ethanol	ND		500	306		ug/L		61	54 - 150
Ethylbenzene	ND		10.0	9.39		ug/L		94	70 - 130
Ethyl-t-butyl ether (ETBE)	ND		10.0	7.84		ug/L		78	70 - 130
m,p-Xylene	ND		10.0	9.98		ug/L		100	70 - 133
Methyl-t-Butyl Ether (MTBE)	ND		10.0	8.81		ug/L		88	70 - 130
Naphthalene	ND		10.0	10.6		ug/L		106	60 - 140
o-Xylene	ND		10.0	10.3		ug/L		103	70 - 133
Tert-amyl-methyl ether (TAME)	ND		10.0	9.03		ug/L		90	68 - 133
tert-Butyl alcohol (TBA)	ND		100	110		ug/L		110	70 - 130
Toluene	ND		10.0	9.05		ug/L		90	70 - 130

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*89*		*80 - 120*
Dibromofluoromethane (Surr)	*104*		*76 - 132*
Toluene-d8 (Surr)	*97*		*80 - 128*

Lab Sample ID: 440-259635-5 MSD
Matrix: Water
Analysis Batch: 592169

Client Sample ID: MW-16D_20200121
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,2-Dibromoethane (EDB)	ND		10.0	9.90		ug/L		99	70 - 131	0	25
1,2-Dichloroethane	ND		10.0	8.24		ug/L		82	56 - 146	2	20
Benzene	ND		10.0	8.60		ug/L		86	66 - 130	1	20
Ethanol	ND		500	326		ug/L		65	54 - 150	6	30
Ethylbenzene	ND		10.0	9.23		ug/L		92	70 - 130	2	20
Ethyl-t-butyl ether (ETBE)	ND		10.0	7.84		ug/L		78	70 - 130	0	25
m,p-Xylene	ND		10.0	10.1		ug/L		101	70 - 133	1	25
Methyl-t-Butyl Ether (MTBE)	ND		10.0	8.79		ug/L		88	70 - 130	0	25
Naphthalene	ND		10.0	10.7		ug/L		107	60 - 140	1	30
o-Xylene	ND		10.0	9.85		ug/L		98	70 - 133	4	20
Tert-amyl-methyl ether (TAME)	ND		10.0	8.88		ug/L		89	68 - 133	2	30
tert-Butyl alcohol (TBA)	ND		100	109		ug/L		109	70 - 130	1	25
Toluene	ND		10.0	8.85		ug/L		88	70 - 130	2	20

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*88*		*80 - 120*
Dibromofluoromethane (Surr)	*103*		*76 - 132*
Toluene-d8 (Surr)	*95*		*80 - 128*

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 440-592287/5
Matrix: Water
Analysis Batch: 592287

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Isopropyl Ether (DIPE)	ND		0.50		ug/L			01/24/20 19:59	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*105*		*80 - 120*		*01/24/20 19:59*	*1*
Dibromofluoromethane (Surr)	*102*		*76 - 132*		*01/24/20 19:59*	*1*
Toluene-d8 (Surr)	*110*		*80 - 128*		*01/24/20 19:59*	*1*

Lab Sample ID: LCS 440-592287/1009
Matrix: Water
Analysis Batch: 592287

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
Isopropyl Ether (DIPE)			25.0	21.6		ug/L		86	58 - 139		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*98*		*80 - 120*
Dibromofluoromethane (Surr)	*100*		*76 - 132*
Toluene-d8 (Surr)	*101*		*80 - 128*

Lab Sample ID: 440-259702-C-2 MS
Matrix: Water
Analysis Batch: 592287

Client Sample ID: Matrix Spike
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits		
Isopropyl Ether (DIPE)	ND		10.0	8.83		ug/L		88	64 - 138		

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*98*		*80 - 120*
Dibromofluoromethane (Surr)	*100*		*76 - 132*
Toluene-d8 (Surr)	*103*		*80 - 128*

Lab Sample ID: 440-259702-C-2 MSD
Matrix: Water
Analysis Batch: 592287

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Isopropyl Ether (DIPE)	ND		10.0	9.32		ug/L		93	64 - 138	5	25

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*100*		*80 - 120*
Dibromofluoromethane (Surr)	*100*		*76 - 132*
Toluene-d8 (Surr)	*102*		*80 - 128*

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 440-592290/4
Matrix: Water
Analysis Batch: 592290

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromoethane (EDB)	ND		0.50		ug/L			01/24/20 18:36	1
1,2-Dichloroethane	ND		0.50		ug/L			01/24/20 18:36	1
Benzene	ND		0.50		ug/L			01/24/20 18:36	1
Ethanol	ND		150		ug/L			01/24/20 18:36	1
Ethylbenzene	ND		0.50		ug/L			01/24/20 18:36	1
Ethyl-t-butyl ether (ETBE)	ND		0.50		ug/L			01/24/20 18:36	1
Isopropyl Ether (DIPE)	ND		0.50		ug/L			01/24/20 18:36	1
m,p-Xylene	ND		1.0		ug/L			01/24/20 18:36	1
Methyl-t-Butyl Ether (MTBE)	ND		0.50		ug/L			01/24/20 18:36	1
Naphthalene	ND		1.0		ug/L			01/24/20 18:36	1
o-Xylene	ND		0.50		ug/L			01/24/20 18:36	1
Tert-amyl-methyl ether (TAME)	ND		0.50		ug/L			01/24/20 18:36	1
tert-Butyl alcohol (TBA)	ND		10		ug/L			01/24/20 18:36	1
Toluene	ND		0.50		ug/L			01/24/20 18:36	1
Xylenes, Total	ND		1.0		ug/L			01/24/20 18:36	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*96*		*80 - 120*		*01/24/20 18:36*	*1*
Dibromofluoromethane (Surr)	*105*		*76 - 132*		*01/24/20 18:36*	*1*
Toluene-d8 (Surr)	*101*		*80 - 128*		*01/24/20 18:36*	*1*

Lab Sample ID: LCS 440-592290/1002
Matrix: Water
Analysis Batch: 592290

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
1,2-Dibromoethane (EDB)			25.0	23.0		ug/L		92	70 - 130		
1,2-Dichloroethane			25.0	18.9		ug/L		75	57 - 138		
Benzene			25.0	22.0		ug/L		88	68 - 130		
Ethanol			1250	1730		ug/L		138	50 - 149		
Ethylbenzene			25.0	23.7		ug/L		95	70 - 130		
Ethyl-t-butyl ether (ETBE)			25.0	19.0		ug/L		76	60 - 136		
Isopropyl Ether (DIPE)			25.0	22.6		ug/L		90	58 - 139		
m,p-Xylene			25.0	23.3		ug/L		93	70 - 130		
Methyl-t-Butyl Ether (MTBE)			25.0	21.3		ug/L		85	63 - 131		
Naphthalene			25.0	26.2		ug/L		105	60 - 140		
o-Xylene			25.0	23.9		ug/L		95	70 - 130		
Tert-amyl-methyl ether (TAME)			25.0	17.9		ug/L		71	57 - 139		
tert-Butyl alcohol (TBA)			250	237		ug/L		95	70 - 130		
Toluene			25.0	23.3		ug/L		93	70 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*97*		*80 - 120*
Dibromofluoromethane (Surr)	*100*		*76 - 132*
Toluene-d8 (Surr)	*105*		*80 - 128*

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 440-259635-6 MS
Matrix: Water
Analysis Batch: 592290

Client Sample ID: MW-18D_20200122
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
1,2-Dibromoethane (EDB)	ND		10.0	10.5		ug/L		105	70 - 131
1,2-Dichloroethane	ND		10.0	9.07		ug/L		91	56 - 146
Benzene	ND		10.0	10.5		ug/L		105	66 - 130
Ethanol	ND		500	820	LM	ug/L		164	54 - 150
Ethylbenzene	ND		10.0	10.3		ug/L		103	70 - 130
Ethyl-t-butyl ether (ETBE)	ND		10.0	10.1		ug/L		101	70 - 130
Isopropyl Ether (DIPE)	ND		10.0	11.0		ug/L		110	64 - 138
m,p-Xylene	ND		10.0	10.1		ug/L		101	70 - 133
Methyl-t-Butyl Ether (MTBE)	ND		10.0	11.0		ug/L		110	70 - 130
Naphthalene	ND		10.0	12.0		ug/L		120	60 - 140
o-Xylene	ND		10.0	10.6		ug/L		106	70 - 133
Tert-amyl-methyl ether (TAME)	ND		10.0	9.14		ug/L		91	68 - 133
tert-Butyl alcohol (TBA)	ND		100	110		ug/L		110	70 - 130
Toluene	ND		10.0	10.3		ug/L		103	70 - 130

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*95*		*80 - 120*
Dibromofluoromethane (Surr)	*103*		*76 - 132*
Toluene-d8 (Surr)	*97*		*80 - 128*

Lab Sample ID: 440-259635-6 MSD
Matrix: Water
Analysis Batch: 592290

Client Sample ID: MW-18D_20200122
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,2-Dibromoethane (EDB)	ND		10.0	10.4		ug/L		104	70 - 131	1	25
1,2-Dichloroethane	ND		10.0	8.90		ug/L		89	56 - 146	2	20
Benzene	ND		10.0	10.3		ug/L		103	66 - 130	2	20
Ethanol	ND		500	784	LM	ug/L		157	54 - 150	4	30
Ethylbenzene	ND		10.0	10.3		ug/L		103	70 - 130	0	20
Ethyl-t-butyl ether (ETBE)	ND		10.0	9.21		ug/L		92	70 - 130	10	25
Isopropyl Ether (DIPE)	ND		10.0	10.4		ug/L		104	64 - 138	5	25
m,p-Xylene	ND		10.0	10.4		ug/L		104	70 - 133	3	25
Methyl-t-Butyl Ether (MTBE)	ND		10.0	9.79		ug/L		98	70 - 130	12	25
Naphthalene	ND		10.0	12.7		ug/L		127	60 - 140	5	30
o-Xylene	ND		10.0	10.7		ug/L		107	70 - 133	1	20
Tert-amyl-methyl ether (TAME)	ND		10.0	8.40		ug/L		84	68 - 133	8	30
tert-Butyl alcohol (TBA)	ND		100	105		ug/L		105	70 - 130	5	25
Toluene	ND		10.0	10.4		ug/L		104	70 - 130	1	20

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*98*		*80 - 120*
Dibromofluoromethane (Surr)	*102*		*76 - 132*
Toluene-d8 (Surr)	*101*		*80 - 128*

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 440-592372/6
Matrix: Water
Analysis Batch: 592372

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Isopropyl Ether (DIPE)	ND		0.50		ug/L			01/27/20 09:48	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*101*		*80 - 120*		*01/27/20 09:48*	*1*
Dibromofluoromethane (Surr)	*100*		*76 - 132*		*01/27/20 09:48*	*1*
Toluene-d8 (Surr)	*106*		*80 - 128*		*01/27/20 09:48*	*1*

Lab Sample ID: LCS 440-592372/1002
Matrix: Water
Analysis Batch: 592372

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
Isopropyl Ether (DIPE)			25.0	21.5		ug/L		86	58 - 139		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*96*		*80 - 120*
Dibromofluoromethane (Surr)	*98*		*76 - 132*
Toluene-d8 (Surr)	*102*		*80 - 128*

Lab Sample ID: 440-259635-5 MS
Matrix: Water
Analysis Batch: 592372

Client Sample ID: MW-16D_20200121
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits		
Isopropyl Ether (DIPE)	ND		10.0	8.86		ug/L		89	64 - 138		

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*94*		*80 - 120*
Dibromofluoromethane (Surr)	*98*		*76 - 132*
Toluene-d8 (Surr)	*104*		*80 - 128*

Lab Sample ID: 440-259635-5 MSD
Matrix: Water
Analysis Batch: 592372

Client Sample ID: MW-16D_20200121
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Isopropyl Ether (DIPE)	ND		10.0	9.60		ug/L		96	64 - 138	8	25

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*96*		*80 - 120*
Dibromofluoromethane (Surr)	*103*		*76 - 132*
Toluene-d8 (Surr)	*101*		*80 - 128*

Method: 8015B - Gasoline Range Organics - (GC)

Lab Sample ID: MB 440-592278/24
Matrix: Water
Analysis Batch: 592278

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
GRO (C6-C12)	ND		50		ug/L			01/24/20 23:26	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*97*		*65 - 140*		*01/24/20 23:26*	*1*

Lab Sample ID: LCS 440-592278/23
Matrix: Water
Analysis Batch: 592278

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
GRO (C4-C12)			800	791		ug/L		99	80 - 120		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*115*		*65 - 140*

Lab Sample ID: 440-259635-6 MS
Matrix: Water
Analysis Batch: 592278

Client Sample ID: MW-18D_20200122
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits		
GRO (C4-C12)	ND		800	764		ug/L		92	65 - 140		

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*106*		*65 - 140*

Lab Sample ID: 440-259635-6 MSD
Matrix: Water
Analysis Batch: 592278

Client Sample ID: MW-18D_20200122
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
GRO (C4-C12)	ND		800	747		ug/L		90	65 - 140	2	20

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*108*		*65 - 140*

Lab Sample ID: MB 440-592326/5
Matrix: Water
Analysis Batch: 592326

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
GRO (C6-C12)	ND		50		ug/L			01/25/20 09:48	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*101*		*65 - 140*		*01/25/20 09:48*	*1*

Method: 8015B - Gasoline Range Organics - (GC) (Continued)

Lab Sample ID: LCS 440-592326/4
Matrix: Water
Analysis Batch: 592326

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
GRO (C4-C12)			800	689		ug/L		86	80 - 120		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*95*		*65 - 140*

Lab Sample ID: 440-259635-5 MS
Matrix: Water
Analysis Batch: 592326

Client Sample ID: MW-16D_20200121
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits		
GRO (C4-C12)	ND		800	677		ug/L		85	65 - 140		

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*97*		*65 - 140*

Lab Sample ID: 440-259635-5 MSD
Matrix: Water
Analysis Batch: 592326

Client Sample ID: MW-16D_20200121
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
GRO (C4-C12)	ND		800	655		ug/L		82	65 - 140	3	20

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*96*		*65 - 140*

Method: 8015B - Stoddard Solvent

Lab Sample ID: MB 440-592152/1-A
Matrix: Water
Analysis Batch: 592215

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 592152

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Stod.Sol. RO [C9-C13]	ND		0.050		mg/L		01/24/20 06:09	01/24/20 14:00	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
n-Octacosane	*80*		*45 - 120*	*01/24/20 06:09*	*01/24/20 14:00*	*1*

Lab Sample ID: LCS 440-592152/2-A
Matrix: Water
Analysis Batch: 592215

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 592152

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
C10-C28			1000	770		ug/L		77	40 - 115		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
n-Octacosane	*77*		*45 - 120*

Method: 8015B - Stoddard Solvent (Continued)

Lab Sample ID: 440-259635-5 MS
Matrix: Water
Analysis Batch: 592215

Client Sample ID: MW-16D_20200121
Prep Type: Total/NA
Prep Batch: 592152

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits		
C10-C28	610		957	905	LN	ug/L		31	40 - 120		

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
n-Octacosane	*79*		*45 - 120*

Lab Sample ID: 440-259635-5 MSD
Matrix: Water
Analysis Batch: 592215

Client Sample ID: MW-16D_20200121
Prep Type: Total/NA
Prep Batch: 592152

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
C10-C28	610		957	787	LN	ug/L		19	40 - 120	14	30

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
n-Octacosane	*68*		*45 - 120*

Lab Sample ID: 440-259635-6 MS
Matrix: Water
Analysis Batch: 592215

Client Sample ID: MW-18D_20200122
Prep Type: Total/NA
Prep Batch: 592152

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits		
C10-C28	520		962	956		ug/L		46	40 - 120		

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
n-Octacosane	*85*		*45 - 120*

Lab Sample ID: 440-259635-6 MSD
Matrix: Water
Analysis Batch: 592215

Client Sample ID: MW-18D_20200122
Prep Type: Total/NA
Prep Batch: 592152

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
C10-C28	520		962	842	LN	ug/L		34	40 - 120	13	30

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
n-Octacosane	*75*		*45 - 120*

QC Association Summary

Client: Antea Group
Project/Site: ARCO 0465, Daly City

Job ID: 440-259635-1

GC/MS VOA

Analysis Batch: 592169

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
440-259635-2	MW-18_20200122	Total/NA	Water	8260B	
440-259635-5	MW-16D_20200121	Total/NA	Water	8260B	
440-259635-7	V-8_20200122	Total/NA	Water	8260B	
MB 440-592169/4	Method Blank	Total/NA	Water	8260B	
LCS 440-592169/1002	Lab Control Sample	Total/NA	Water	8260B	
440-259635-5 MS	MW-16D_20200121	Total/NA	Water	8260B	
440-259635-5 MSD	MW-16D_20200121	Total/NA	Water	8260B	

Analysis Batch: 592287

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
440-259635-2 - RA	MW-18_20200122	Total/NA	Water	8260B	
440-259635-5 - RA	MW-16D_20200121	Total/NA	Water	8260B	
440-259635-7 - RA	V-8_20200122	Total/NA	Water	8260B	
MB 440-592287/5	Method Blank	Total/NA	Water	8260B	
LCS 440-592287/1009	Lab Control Sample	Total/NA	Water	8260B	
440-259702-C-2 MS	Matrix Spike	Total/NA	Water	8260B	
440-259702-C-2 MSD	Matrix Spike Duplicate	Total/NA	Water	8260B	

Analysis Batch: 592290

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
440-259635-1	MW-9_20200122	Total/NA	Water	8260B	
440-259635-3	MW-7D_20200122	Total/NA	Water	8260B	
440-259635-4	MW-9D_20200122	Total/NA	Water	8260B	
440-259635-6	MW-18D_20200122	Total/NA	Water	8260B	
440-259635-8	TB-465_20200122	Total/NA	Water	8260B	
MB 440-592290/4	Method Blank	Total/NA	Water	8260B	
LCS 440-592290/1002	Lab Control Sample	Total/NA	Water	8260B	
440-259635-6 MS	MW-18D_20200122	Total/NA	Water	8260B	
440-259635-6 MSD	MW-18D_20200122	Total/NA	Water	8260B	

Analysis Batch: 592372

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
440-259635-5	MW-16D_20200121	Total/NA	Water	8260B	
MB 440-592372/6	Method Blank	Total/NA	Water	8260B	
LCS 440-592372/1002	Lab Control Sample	Total/NA	Water	8260B	
440-259635-5 MS	MW-16D_20200121	Total/NA	Water	8260B	
440-259635-5 MSD	MW-16D_20200121	Total/NA	Water	8260B	

GC VOA

Analysis Batch: 592278

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
440-259635-1	MW-9_20200122	Total/NA	Water	8015B	
440-259635-3	MW-7D_20200122	Total/NA	Water	8015B	
440-259635-4	MW-9D_20200122	Total/NA	Water	8015B	
440-259635-6	MW-18D_20200122	Total/NA	Water	8015B	
440-259635-8	TB-465_20200122	Total/NA	Water	8015B	
MB 440-592278/24	Method Blank	Total/NA	Water	8015B	
LCS 440-592278/23	Lab Control Sample	Total/NA	Water	8015B	
440-259635-6 MS	MW-18D_20200122	Total/NA	Water	8015B	
440-259635-6 MSD	MW-18D_20200122	Total/NA	Water	8015B	

QC Association Summary

Client: Antea Group
Project/Site: ARCO 0465, Daly City

Job ID: 440-259635-1

GC VOA

Analysis Batch: 592326

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
440-259635-2	MW-18_20200122	Total/NA	Water	8015B	
440-259635-5	MW-16D_20200121	Total/NA	Water	8015B	
440-259635-7	V-8_20200122	Total/NA	Water	8015B	
MB 440-592326/5	Method Blank	Total/NA	Water	8015B	
LCS 440-592326/4	Lab Control Sample	Total/NA	Water	8015B	
440-259635-5 MS	MW-16D_20200121	Total/NA	Water	8015B	
440-259635-5 MSD	MW-16D_20200121	Total/NA	Water	8015B	

GC Semi VOA

Prep Batch: 592152

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
440-259635-1	MW-9_20200122	Total/NA	Water	3510C	
440-259635-2	MW-18_20200122	Total/NA	Water	3510C	
440-259635-3	MW-7D_20200122	Total/NA	Water	3510C	
440-259635-4	MW-9D_20200122	Total/NA	Water	3510C	
440-259635-5	MW-16D_20200121	Total/NA	Water	3510C	
440-259635-6	MW-18D_20200122	Total/NA	Water	3510C	
440-259635-7	V-8_20200122	Total/NA	Water	3510C	
MB 440-592152/1-A	Method Blank	Total/NA	Water	3510C	
LCS 440-592152/2-A	Lab Control Sample	Total/NA	Water	3510C	
440-259635-5 MS	MW-16D_20200121	Total/NA	Water	3510C	
440-259635-5 MSD	MW-16D_20200121	Total/NA	Water	3510C	
440-259635-6 MS	MW-18D_20200122	Total/NA	Water	3510C	
440-259635-6 MSD	MW-18D_20200122	Total/NA	Water	3510C	

Analysis Batch: 592215

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
440-259635-1	MW-9_20200122	Total/NA	Water	8015B	592152
440-259635-2	MW-18_20200122	Total/NA	Water	8015B	592152
440-259635-3	MW-7D_20200122	Total/NA	Water	8015B	592152
440-259635-4	MW-9D_20200122	Total/NA	Water	8015B	592152
440-259635-5	MW-16D_20200121	Total/NA	Water	8015B	592152
440-259635-6	MW-18D_20200122	Total/NA	Water	8015B	592152
440-259635-7	V-8_20200122	Total/NA	Water	8015B	592152
MB 440-592152/1-A	Method Blank	Total/NA	Water	8015B	592152
LCS 440-592152/2-A	Lab Control Sample	Total/NA	Water	8015B	592152
440-259635-5 MS	MW-16D_20200121	Total/NA	Water	8015B	592152
440-259635-5 MSD	MW-16D_20200121	Total/NA	Water	8015B	592152
440-259635-6 MS	MW-18D_20200122	Total/NA	Water	8015B	592152
440-259635-6 MSD	MW-18D_20200122	Total/NA	Water	8015B	592152

Lab Chronicle

Client: Antea Group
Project/Site: ARCO 0465, Daly City

Job ID: 440-259635-1

Client Sample ID: MW-9_20200122

Lab Sample ID: 440-259635-1
Matrix: Water
Date Collected: 01/22/20 13:20
Date Received: 01/23/20 10:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	592290	01/24/20 20:18	GMA	TAL IRV
Total/NA	Analysis	8015B		1	592278	01/25/20 00:26	HKC	TAL IRV
Total/NA	Prep	3510C			592152	01/24/20 06:09	L1H	TAL IRV
Total/NA	Analysis	8015B		1	592215	01/24/20 15:57	D1D	TAL IRV

Client Sample ID: MW-18_20200122

Lab Sample ID: 440-259635-2
Matrix: Water
Date Collected: 01/22/20 12:40
Date Received: 01/23/20 10:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	592169	01/24/20 16:33	RM	TAL IRV
Total/NA	Analysis	8260B	RA	1	592287	01/25/20 01:55	GMA	TAL IRV
Total/NA	Analysis	8015B		1	592326	01/25/20 11:17	HKC	TAL IRV
Total/NA	Prep	3510C			592152	01/24/20 06:09	L1H	TAL IRV
Total/NA	Analysis	8015B		1	592215	01/24/20 16:21	D1D	TAL IRV

Client Sample ID: MW-7D_20200122

Lab Sample ID: 440-259635-3
Matrix: Water
Date Collected: 01/22/20 14:57
Date Received: 01/23/20 10:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	592290	01/24/20 20:42	GMA	TAL IRV
Total/NA	Analysis	8015B		1	592278	01/25/20 00:56	HKC	TAL IRV
Total/NA	Prep	3510C			592152	01/24/20 06:09	L1H	TAL IRV
Total/NA	Analysis	8015B		1	592215	01/24/20 20:59	D1D	TAL IRV

Client Sample ID: MW-9D_20200122

Lab Sample ID: 440-259635-4
Matrix: Water
Date Collected: 01/22/20 09:15
Date Received: 01/23/20 10:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	592290	01/24/20 21:06	GMA	TAL IRV
Total/NA	Analysis	8015B		1	592278	01/25/20 01:26	HKC	TAL IRV
Total/NA	Prep	3510C			592152	01/24/20 06:09	L1H	TAL IRV
Total/NA	Analysis	8015B		1	592215	01/24/20 20:13	D1D	TAL IRV

Client Sample ID: MW-16D_20200121

Lab Sample ID: 440-259635-5
Matrix: Water
Date Collected: 01/21/20 16:30
Date Received: 01/23/20 10:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	592169	01/24/20 13:14	RM	TAL IRV
Total/NA	Analysis	8260B	RA	1	592287	01/25/20 02:23	GMA	TAL IRV
Total/NA	Analysis	8260B		1	592372	01/27/20 12:41	AI	TAL IRV

Lab Chronicle

Client: Antea Group
Project/Site: ARCO 0465, Daly City

Job ID: 440-259635-1

Client Sample ID: MW-16D_20200121
Lab Sample ID: 440-259635-5
Date Collected: 01/21/20 16:30
Matrix: Water
Date Received: 01/23/20 10:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8015B		1	592326	01/25/20 11:46	HKC	TAL IRV
Total/NA	Prep	3510C			592152	01/24/20 06:09	L1H	TAL IRV
Total/NA	Analysis	8015B		1	592215	01/24/20 20:36	D1D	TAL IRV

Client Sample ID: MW-18D_20200122
Lab Sample ID: 440-259635-6
Date Collected: 01/22/20 15:40
Matrix: Water
Date Received: 01/23/20 10:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	592290	01/24/20 19:00	GMA	TAL IRV
Total/NA	Analysis	8015B		1	592278	01/25/20 01:56	HKC	TAL IRV
Total/NA	Prep	3510C			592152	01/24/20 06:09	L1H	TAL IRV
Total/NA	Analysis	8015B		1	592215	01/24/20 17:07	D1D	TAL IRV

Client Sample ID: V-8_20200122
Lab Sample ID: 440-259635-7
Date Collected: 01/22/20 16:52
Matrix: Water
Date Received: 01/23/20 10:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	592169	01/24/20 17:01	RM	TAL IRV
Total/NA	Analysis	8260B	RA	1	592287	01/25/20 02:50	GMA	TAL IRV
Total/NA	Analysis	8015B		1	592326	01/25/20 13:14	HKC	TAL IRV
Total/NA	Prep	3510C			592152	01/24/20 06:09	L1H	TAL IRV
Total/NA	Analysis	8015B		1	592215	01/24/20 19:26	D1D	TAL IRV

Client Sample ID: TB-465_20200122
Lab Sample ID: 440-259635-8
Date Collected: 01/22/20 00:01
Matrix: Water
Date Received: 01/23/20 10:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	592290	01/24/20 21:29	GMA	TAL IRV
Total/NA	Analysis	8015B		1	592278	01/24/20 23:56	HKC	TAL IRV

Laboratory References:
TAL IRV = Eurofins Calscience Irvine, 17461 Derian Ave, Suite 100, Irvine, CA 92614-5817, TEL (949)261-1022

Accreditation/Certification Summary

Client: Antea Group
Project/Site: ARCO 0465, Daly City

Job ID: 440-259635-1

Laboratory: Eurofins Calscience Irvine

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Program	Identification Number	Expiration Date
California	State	2706	06-30-20

The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.

Analysis Method	Prep Method	Matrix	Analyte
8015B		Water	GRO (C6-C12)
8015B	3510C	Water	n-Octacosane
8015B	3510C	Water	Stod.Sol. RO [C9-C13]

Method Summary

Client: Antea Group
Project/Site: ARCO 0465, Daly City

Job ID: 440-259635-1

Method	Method Description	Protocol	Laboratory
8260B	Volatile Organic Compounds (GC/MS)	SW846	TAL IRV
8015B	Gasoline Range Organics - (GC)	SW846	TAL IRV
8015B	Stoddard Solvent	SW846	TAL IRV
3510C	Liquid-Liquid Extraction (Separatory Funnel)	SW846	TAL IRV
5030B	Purge and Trap	SW846	TAL IRV

Protocol References:

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

TAL IRV = Eurofins Calscience Irvine, 17461 Derian Ave, Suite 100, Irvine, CA 92614-5817, TEL (949)261-1022

Sample Summary

Client: Antea Group
Project/Site: ARCO 0465, Daly City

Job ID: 440-259635-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Asset ID
440-259635-1	MW-9_20200122	Water	01/22/20 13:20	01/23/20 10:00	
440-259635-2	MW-18_20200122	Water	01/22/20 12:40	01/23/20 10:00	
440-259635-3	MW-7D_20200122	Water	01/22/20 14:57	01/23/20 10:00	
440-259635-4	MW-9D_20200122	Water	01/22/20 09:15	01/23/20 10:00	
440-259635-5	MW-16D_20200121	Water	01/21/20 16:30	01/23/20 10:00	
440-259635-6	MW-18D_20200122	Water	01/22/20 15:40	01/23/20 10:00	
440-259635-7	V-8_20200122	Water	01/22/20 16:52	01/23/20 10:00	
440-259635-8	TB-465_20200122	Water	01/22/20 00:01	01/23/20 10:00	

bp rm

Laboratory Management Program (LaMP) Chain of Custody Record
Soil, Sediment and Groundwater Samples

BP Site Node Path: BP > USA > CA > SAN MATEO > 465 > PMPv4 > 1995 Release
BP/RM Facility No: ARCO No. 00465
Req Due Date (mm/dd/yy): _____ Rush TAT Yes ____ No X
Lab Work Order Number: _____

Lab Name:	TestAmerica	BP/ARC Facility Address:	151 Southgate Ave	Consultant/Contractor:	Antea Group
Lab Address:	17461 Derian Ave., Ste. 100, Irvine, CA 92614	City, State, ZIP Code:	Daly City, CA, 94015	Consultant/Contractor Project No:	00465EA191
Lab PM:	Christian Bondoc	Lead Regulatory Agency:	San Mateo County GPP	Address:	11010 White Rock Road, Suite 140, Rancho Cordova, CA 95670
Lab Phone:	949-261-1022	California Global ID No.:	T0608100027	Consultant/Contractor PM:	Hannah Mishriki
Lab Shipping Accnt:	FedEx # 1103-6633-7	Enfos Proposal No:	009SB-0007/WR329286	Phone:	610-390-7059 Email: hannah.mishriki@anteagroup.com
Lab Bottle Order No:		Accounting Mode:	Provision __X__ OOC-BU ____ OOC-RM ____	Send/Submit EDD to:	See Special Instructions
Other Info:		Stage:	40 Activity: 123	Invoice To:	BP-RM ___X___ BP-Other _____
BP/RM PM:	Wade Melton				
PM Phone:	360-594-7978				
PM Email:	wade.melton@bp.com				

Requested Analyses

Report Type & QC Level

Limited (Standard) Package ____
Limited Plus Package ____
Full Package ____

Lab No.	Unique Sample ID, must follow format of SAMPLENAMEYYYYMMDD Examples: MW01_20190101; BH01_3-5_20190101	Time	Depth Unit	Grab (G) or Composite (C)	Total Number of Containers	Matrix	GRO (C6-C12) by 8015B	Ethanol/BTEX/5 Oxys/Naph by EPA 8260	EDB & 1,2-DCA by 8260	Stoddard Solvents by 8015B	Comments
	Filtered (Y/N)						N	N	N	N	
	Preservation						N	N	N	N	
	MW-1R_2020					GW	x	x	x	x	
	MW-2_2020					GW	x	x	x	x	
	MW-4_2020					GW	x	x	x	x	
	MW-5_2020					GW	x	x	x	x	
	MW-6_2020					GW	x	x	x	x	
	MW-7_2020					GW	x	x	x	x	
	MW-8_2020					GW	x	x	x	x	
	MW-9_20200122	1320	ft	G	7	GW	x	x	x	x	
	MW-10_2020					GW	x	x	x	x	
	MW-11R_2020					GW	x	x	x	x	

	Relinquished By / Affiliation	Date	Time	Accepted By / Affiliation	Date	Time
Sampler's Name: Leo Karcz / Elizabeth Dion	Leo Karcz / Antea Group	1/22	1930			
Sampler's Company: Antea Group						
Ship Method: FedEx 1/22/20 Ship Date:						
Shipment Tracking No:						

Special Instructions: 5 Oxygenates to include: TAME / TBA / DIPE / ETBE / MTBE. Send EDD/EDF to AGDataView.US@anteagroup.com, sandy.hayes@anteagroup.com, bryan.taylor@anteagroup.com, hannah.mishriki@anteagroup.com, ian.treat@anteagroup.com, jo.black@anteagroup.com, and lab.enfosdoc@bp.com.

THIS LINE - LAB USE ONLY: Custody Seals In Place: Yes / No | Temp Blank: Yes / No | Cooler Temp on Receipt: _____ °F/C | Trip Blank: Yes / No | MS/MSD Sample Submitted: Yes / No

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1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16

bp rm

Laboratory Management Program (LaMP) Chain of Custody Record
Soil, Sediment and Groundwater Samples

BP Site Node Path: BP > USA > CA > SAN MATEO > 465 > PMPv4 > 1995 Release
Req Due Date (mm/dd/yy): _____ Rush TAT Yes ____ No X
BP/RM Facility No: ARCO No. 00465
Lab Work Order Number: _____

Lab Name:	TestAmerica	BP/ARC Facility Address:	151 Southgate Ave	Consultant/Contractor:	Antea Group
Lab Address:	17461 Derian Ave., Ste. 100, Irvine, CA 92614	City, State, ZIP Code:	Daly City, CA, 94015	Consultant/Contractor Project No:	00465EA191
Lab PM:	Christian Bondoc	Lead Regulatory Agency:	San Mateo County GPP	Address:	11010 White Rock Road, Suite 140, Rancho Cordova, CA 95670
Lab Phone:	949-261-1022	California Global ID No.:	T0608100027	Consultant/Contractor PM:	Hannah Mishriki
Lab Shipping Acct:	FedEx # 1103-6633-7	Enfos Proposal No:	009SB-0007/WR329286	Phone: 610-390-7059	Email: hannah.mishriki@anteagroup.com
Lab Bottle Order No:		Accounting Mode:	Provision __X__ OOC-BU ____ OOC-RM ____	Send/Submit EDD to:	See Special Instructions
Other Info:		Stage: 40	Activity: 123	Invoice To:	BP-RM __X__ BP-Other ____
BP/RM PM:	Wade Melton				
PM Phone:	360-594-7978				
PM Email:	wade.melton@bp.com				

Lab No.	Unique Sample ID, must follow format of SAMPLENAMEYYYYMMDD Examples: MW01_20190101; BH01_3-5_20190101	Time	Depth Unit	Grab (G) or Composite (C)	Total Number of Containers	Matrix	GRO (C6-C12) by 8015B	Ethanol/BTEX/5 Oxys/Naph by EPA 8260	EDB & 1,2-DCA by 8260	Stoddard Solvents by 8015B
	~~MW-12_20200121~~					GW	x	x	x	x
	MW-13_2020					GW	x	x	x	x
	~~MW-14_2020~~					GW	x	x	x	x
	~~MW-15_2020~~					GW	x	x	x	x
	~~MW-16_2020~~					GW	x	x	x	x
	~~MW-17_2020~~					GW	x	x	x	x
	MW-18_20200122	1240	FH	7	9	GW	x	x	x	x
	~~MW-19_2020~~					GW	x	x	x	x
	MW-3D_2020					GW	x	x	x	x
	~~MW-4D_2020~~					GW	x	x	x	x

Filtered (Y/N): N N N N
Preservation: N N N N

Report Type & QC Level: Limited (Standard) Package ____ Limited Plus Package ____ Full Package ____

Comments

Sampler's Name:	Leo Kaveh/Elizabeth Dion	Relinquished By / Affiliation	Date	Time	Accepted By / Affiliation	Date	Time
Sampler's Company:	Antea Group						
Ship Method:	FedEx 1/22/20 Ship Date:						
Shipment Tracking No:							

Special Instructions: 5 Oxygenates to include: TAME / TBA / DIPE / ETBE / MTBE. Send EDD/EDF to AGDataView.US@anteagroup.com, sandy.hayes@anteagroup.com, bryan.taylor@anteagroup.com, hannah.mishriki@anteagroup.com, ian.treat@anteagroup.com, jo.black@anteagroup.com, and lab.enfosdoc@bp.com.

THIS LINE - LAB USE ONLY: Custody Seals In Place: Yes / No | Temp Blank: Yes / No | Cooler Temp on Receipt: _____ °F/C | Trip Blank: Yes / No | MS/MSD Sample Submitted: Yes / No

BP LaMP Soil/H2O COC March 2019

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bp rm

Laboratory Management Program (LaMP) Chain of Custody Record
Soil, Sediment and Groundwater Samples

Page 3 of 5

BP Site Node Path: BP > USA > CA > SAN MATEO > 465 > PMPv4 > 1995 Release

Req Due Date (mm/dd/yy): _____ Rush TAT Yes ____ No X

BP/RM Facility No: ARCO No. 00465

Lab Work Order Number: _____

Lab Name: TestAmerica	BP/ARC Facility Address: 151 Southgate Ave	Consultant/Contractor: Antea Group	
Lab Address: 17461 Derian Ave., Ste. 100, Irvine, CA 92614	City, State, ZIP Code: Daly City, CA, 94015	Consultant/Contractor Project No: 00465EA191	
Lab PM: Christian Bondoc	Lead Regulatory Agency: San Mateo County GPP	Address: 11010 White Rock Road, Suite 140, Rancho Cordova, CA 95670	
Lab Phone: 949-261-1022	California Global ID No.: T0608100027	Consultant/Contractor PM: Hannah Mishriki	
Lab Shipping Acct: FedEx # 1103-6633-7	Enfos Proposal No: 009SB-0007/WR329286	Phone: 610-390-7059 Email: hannah.mishriki@anteagroup.com	
Lab Bottle Order No:	Accounting Mode: Provision __X__ OOC-BU ____ OOC-RM ____	Send/Submit EDD to: See Special Instructions	
Other Info:	Stage: 40 Activity: 123	Invoice To: BP-RM __X__ BP-Other ____	
BP/RM PM: Wade Melton			
PM Phone: 360-594-7978			
PM Email: wade.melton@bp.com			

Lab No.	Unique Sample ID, must follow format of SAMPLENAMEYYYYMMDD Examples: MW01_20190101; BH01_3-5_20190101	Time	Depth Unit	Grab (G) or Composite (C)	Total Number of Containers	Matrix	GRO (C6-C12) by 8015B	Ethanol/BTEX/5 Oxy&Naph by EPA 8260	EDB & 1,2-DCA by 8260	Stoddard Solvents by 8015B	Comments
						Filtered (Y/N)	N	N	N	N	Report Type & QC Level
						Preservation	N	N	N	N	Limited (Standard) Package ____ Limited Plus Package ____ Full Package ____
	MW-5D_2020					GW	x	x	x	x	
	MW-6D_2020					GW	x	x	x	x	
	MW-7D_20200122	1457	ft	G	7	GW	x	x	x	x	
	MW-9D_2020 0122	0915	ft	G	7	GW	x	x	x	x	
	MW-16D_20200121	1630	ft	G	7	GW	x	x	x	x	
	MW-18D_2020 0122	1540	ft	G	7	GW	x	x	x	x	MS/MSD MF: 1710 MSD: 1730 MS/MSD MS: 1610 MSD: 1640
	MW-19D_2020					GW	x	x	x	x	
	V-1_2020					GW	x	x	x	x	
	V-2_2020					GW	x	x	x	x	
	V-3_2020					GW	x	x	x	x	

	Relinquished By / Affiliation	Date	Time	Accepted By / Affiliation	Date	Time
Sampler's Name: Leo Vance / Elizabeth Dion						
Sampler's Company: Antea Group						
Ship Method: FedEx 1/22/20 Ship Date:						
Shipment Tracking No:						

Special Instructions: 5 Oxygenates to include: TAME / TBA / DIPE / ETBE / MTBE. Send EDD/EDF to AGDataView.US@anteagroup.com, sandy.hayes@anteagroup.com, bryan.taylor@anteagroup.com, hannah.mishriki@anteagroup.com, ian.treat@anteagroup.com, jo.black@anteagroup.com and lab.enfosdoc@bp.com.

THIS LINE - LAB USE ONLY: Custody Seals In Place: Yes / No | Temp Blank: Yes / No | Cooler Temp on Receipt: _____ °F/C | Trip Blank: Yes / No | MS/MSD Sample Submitted: Yes / No

BP LaMP Soil/H2O COC March 2019

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bp rm

Laboratory Management Program (LaMP) Chain of Custody Record
Soil, Sediment and Groundwater Samples

BP Site Node Path: BP > USA > CA > SAN MATEO > 465 > PMPv4 > 1995 Release
Req Due Date (mm/dd/yy): _____ Rush TAT Yes ____ No X
BP/RM Facility No: ARCO No. 00465
Lab Work Order Number: _____

Lab Name: TestAmerica	BP/ARC Facility Address: 151 Southgate Ave	Consultant/Contractor: Antea Group
Lab Address: 17461 Derian Ave., Ste. 100, Irvine, CA 92614	City, State, ZIP Code: Daly City, CA, 94015	Consultant/Contractor Project No: 00465EA191
Lab PM: Christian Bondoc	Lead Regulatory Agency: San Mateo County GPP	Address: 11010 White Rock Road, Suite 140, Rancho Cordova, CA 95670
Lab Phone: 949-261-1022	California Global ID No.: T0608100027	Consultant/Contractor PM: Hannah Mishriki
Lab Shipping Accnt: FedEx # 1103-6633-7	Enfos Proposal No: 009SB-0007/WR329286	Phone: 610-390-7059 Email: hannah.mishriki@anteagroup.com
Lab Bottle Order No:	Accounting Mode: Provision __X__ OOC-BU ____ OOC-RM ____	Send/Submit EDD to: See Special Instructions
Other Info:	Stage: 40 Activity: 123	Invoice To: BP-RM __X__ BP-Other _____
BP/RM PM: Wade Melton		
PM Phone: 360-594-7978		
PM Email: wade.melton@bp.com		

Report Type & QC Level: Limited (Standard) Package ____ Limited Plus Package ____ Full Package ____

Lab No.	Unique Sample ID, must follow format of SAMPLENAMEYYYYMMDD Examples: MW01_20190101; BH01_3-5_20190101	Time	Depth Unit	Grab (G) or Composite (C)	Total Number of Containers	Matrix	GRO (C6-C12) by 8015B	Ethanol/BTEX/5 Oxys/Naphth by EPA 8260	EDB & 1,2-DCA by 8260	Stoddard Solvents by 8015B	Comments
					Filtered (Y/N)		N	N	N	N	
					Preservation		N	N	N	N	
	V-4_2020					GW	x	x	x	x	
	V-5_2020					GW	x	x	x	x	
	V-6_2020					GW	x	x	x	x	
	V-7_2020					GW	x	x	x	x	
	V-8_2020C122	1052	FT	G	7	GW	x	x	x	x	
	V-9_2020					GW	x	x	x	x	
	V-10_2020					GW	x	x	x	x	
	V-11_2020					GW	x	x	x	x	
	V-12_2020					GW	x	x	x	x	
	V-13_2020					GW	x	x	x	x	

Sampler's Name: Leo Karcz/Elizabeth Pia	Relinquished By / Affiliation	Date	Time	Accepted By / Affiliation	Date	Time
Sampler's Company: Antea Group						
Ship Method: FedEx 1/22/20 Ship Date:						
Shipment Tracking No:						

Special Instructions: 5 Oxygenates to include: TAME / TBA / DIPE / ETBE / MTBE. Send EDD/EDF to AGDataView.US@anteagroup.com, sandy.hayes@anteagroup.com, bryan.taylor@anteagroup.com, hannah.mishriki@anteagroup.com, ian.treat@anteagroup.com, jo.black@anteagroup.com, and lab.enfosdoc@bp.com.

THIS LINE - LAB USE ONLY: Custody Seals In Place: Yes / No | Temp Blank: Yes / No | Cooler Temp on Receipt: _____ °F/C | Trip Blank: Yes / No | MS/MSD Sample Submitted: Yes / No

BP LaMP Soil/H2O COC March 2019

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1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16

bp rm

Laboratory Management Program (LaMP) Chain of Custody Record
Soil, Sediment and Groundwater Samples

BP Site Node Path: BP > USA > CA > SAN MATEO > 465 > PMPv4 > 1995 Release
Req Due Date (mm/dd/yy): _____ Rush TAT Yes ____ No X
BP/RM Facility No: ARCO No. 00465
Lab Work Order Number: _____

Lab Name:	TestAmerica	BP/ARC Facility Address:	151 Southgate Ave	Consultant/Contractor:	Antea Group
Lab Address:	17461 Derian Ave., Ste. 100, Irvine, CA 92614	City, State, ZIP Code:	Daly City, CA, 94015	Consultant/Contractor Project No:	00465EA191
Lab PM:	Christian Bondoc	Lead Regulatory Agency:	San Mateo County GPP	Address:	11010 White Rock Road, Suite 140, Rancho Cordova, CA 95670
Lab Phone:	949-261-1022	California Global ID No.:	T0608100027	Consultant/Contractor PM:	Hannah Mishriki
Lab Shipping Accnt:	FedEx # 1103-6633-7	Enfos Proposal No:	009SB-0007/WR329286	Phone:	610-390-7059 Email: hannah.mishriki@anteagroup.com
Lab Bottle Order No:		Accounting Mode:	Provision __X__ OOC-BU ____ OOC-RM ____	Send/Submit EDD to:	See Special Instructions
Other Info:		Stage: 40	Activity: 123	Invoice To:	BP-RM __X__ BP-Other _____
BP/RM PM:	Wade Melton				
PM Phone:	360-594-7978				
PM Email:	wade.melton@bp.com				

Lab No.	Unique Sample ID, must follow format of SAMPLENAMEYYYYMMDD Examples: MW01_20190101; BH01_3-5_20190101	Time	Depth Unit	Grab (G) or Composite (C)	Total Number of Containers	Matrix	GRO (C6-C12) by 8015B	Ethanol/BTEX/5 Oxys/Naph by EPA 8260	EDB & 1,2-DCA by 8260	Stoddard Solvents by 8015B	Comments
	Requested Analyses: Filtered (Y/N)						N	N	N	N	Report Type & QC Level: Limited (Standard) Package ____ Limited Plus Package ____ Full Package ____
	Requested Analyses: Preservation						N	N	N	N	
	V-14_2020					GW	X	X	X	X	
	DUP-465-1_2020					GW	X	X	X	X	
	DUP-465-2_2020					GW	X	X	X	X	
	TB-465_20200122		ft	-	12	W	X	X	X		1 each cooler

Sampler's Name:	Leo Kaucz Elizabeth Diaz	Relinquished By / Affiliation	Date	Time	Accepted By / Affiliation	Date	Time
Sampler's Company:	Antea Group						
Ship Method:	FedEx 1/22/20 Ship Date:						
Shipment Tracking No:							

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Laboratory Management Program (LaMP) Chain of Custody Record
Soil, Sediment and Groundwater Samples

BP Site Node Path: BP > USA > CA > SAN MATEO > 465 > PMPv4 > 1995 Release
Req Due Date (mm/dd/yy):
Rush TAT Yes ____ No X
BP/RM Facility No: ARCO No. 00465
Lab Work Order Number:

Lab Name:	TestAmerica	BP/ARC Facility Address:	151 Southgate Ave	Consultant/Contractor:	Antea Group
Lab Address:	17461 Derian Ave., Ste. 100, Irvine, CA 92614	City, State, ZIP Code:	Daly City, CA, 94015	Consultant/Contractor Project No:	00465EA191
Lab PM:	Christian Bondoc	Lead Regulatory Agency:	San Mateo County GPP	Address:	11010 White Rock Road, Suite 140, Rancho Cordova, CA 95670
Lab Phone:	949-261-1022	California Global ID No.:	T0608100027	Consultant/Contractor PM:	Hannah Mishriki
Lab Shipping Accnt:	FedEx # 1103-6633-7	Enfos Proposal No:	009SB-0007/WR329286	Phone: 610-390-7059	Email: hannah.mishriki@anteagroup.com
Lab Bottle Order No:		Accounting Mode: Provision __X__	OOC-BU ____ OOC-RM ____	Send/Submit EDD to:	See Special Instructions
Other Info:		Stage: 40	Activity: 123	Invoice To:	BP-RM ___X___ BP-Other ____

BP/RM PM:	Wade Melton
PM Phone:	360-594-7978
PM Email:	wade.melton@bp.com

Report Type & QC Level
Limited (Standard) Package ____
Limited Plus Peckage ____
Full Package ——

Lab No.	Unique Sample ID, must follow format of SAMPLENAMEYYYYMMDD Examples: MW01_20190101; BH01_3-5_20190101	Time	Depth Unit	Grab (G) or Composite (C)	Total Number of Containers	Matrix	GRO (C6-C12) by 8015B	Ethanol/BTEX/5 Oxys/Napth by EPA 8260	EDB & 1,2-DCA by 8260	Stoddard Solvents by 8015B	Comments
	Filtered (Y/N)						N	N	N	N	
	Preservation						N	N	N	N	
	MW-1R_2020					GW	x	x	x	x	
	MW-2_2020					GW	x	x	x	x	
	MW-4_2020					GW	x	x	x	x	
	MW-5_2020					GW	x	x	x	x	
	MW-6_2020					GW	x	x	x	x	
	MW-7_2020					GW	x	x	x	x	
	MW-8_2020					GW	x	x	x	x	
	MW-9_20200122	1320	ft	G	7	GW	x	x	x	x	
	MW-10_2020					GW	x	x	x	x	
	MW-11R_2020					GW	x	x	x	x	

	Relinquished By / Affiliation	Date	Time	Accepted By / Affiliation	Date	Time
Sampler's Name: Leo Karcz / Elizabeth Dion						
Sampler's Company: Antea Group	[signature] / Antea Group	1/22	1930	[signature] EC-IR	1/23/20	1000
Ship Method: FedEX 1/22/20 Ship Date:						
Shipment Tracking No:						

Special Instructions: 5 Oxygenates to include: TAME / TBA / DIPE / ETBE / MTBE. Send EDD/EDF to AGDataView.US@anteagroup.com, sandy.hayes@anteagroup.com, bryan.taylor@anteagroup.com, hannah.mishriki@anteagroup.com, ian.treat@anteagroup.com, jo.black@anteagroup.com, and lab.enfosdoc@bp.com.

THIS LINE - LAB USE ONLY: Custody Seals In Place: Yes / No | Temp Blank: Yes / No | Cooler Temp on Receipt: 1.4/1.2 °F/C | Trip Blank: Yes / No | MS/MSD Sample Submitted: Yes / No

1119 9742 8906
8917

2.4/2.7

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IR-94

1/23/20

440-259635 Chain of Custody

Laboratory Management Program (LaMP) Chain of Custody Record
Soil, Sediment and Groundwater Samples

BP Site Node Path: BP > USA > CA > SAN MATEO > 465 > PMPv4 > 1995 Release
Req Due Date (mm/dd/yy):
Rush TAT Yes ____ No X
BP/RM Facility No: ARCO No. 00465
Lab Work Order Number:

Lab Name:	TestAmerica	BP/ARC Facility Address:	151 Southgate Ave	Consultant/Contractor:	Antea Group
Lab Address:	17461 Derian Ave., Ste. 100, Irvine, CA 92614	City, State, ZIP Code:	Daly City, CA, 94015	Consultant/Contractor Project No:	00465EA191
Lab PM:	Christian Bondoc	Lead Regulatory Agency:	San Mateo County GPP	Address:	11010 White Rock Road, Suite 140, Rancho Cordova, CA 95670
Lab Phone:	949-261-1022	California Global ID No.:	T0608100027	Consultant/Contractor PM:	Hannah Mishriki
Lab Shipping Accnt:	FedEx # 1103-6633-7	Enfos Proposal No:	009SB-0007/WR329286	Phone: 610-390-7059	Email: hannah.mishriki@anteagroup.com
Lab Bottle Order No:		Accounting Mode:	Provision __X__ OOC-BU ____ OOC-RM ____	Send/Submit EDD to:	See Special Instructions
Other Info:		Stage: 40	Activity: 123	Invoice To:	BP-RM ___X___ BP-Other ____

BP/RM PM:	Wade Melton
PM Phone:	360-594-7978
PM Email:	wade.melton@bp.com

Requested Analyses

Filtered (Y/N)	N	N	N	N										
Preservation	N	N	N	N										

Report Type & QC Level

Limited (Standard) Package ____
Limited Plus Package ____
Full Package ____

Lab No.	Unique Sample ID, must follow format of SAMPLENAMEYYYYMMDD Examples: MW01_20190101; BH01_3-5_20190101	Time	Depth Unit	Grab (G) or Composite (C)	Total Number of Containers	Matrix	GRO (C6-C12) by 8015B	Ethanol/BTEX/5 Oxys/Napth by EPA 8260	EDB & 1,2-DCA by 8260	Stoddard Solvents by 8015B						Comments
	MW-12_20200121					GW	x	x	x	x						
	MW-13_20200					GW	x	x	x	x						
	MW-14_20200					GW	x	x	x	x						
	MW-15_20200					GW	x	x	x	x						
	MW-16_20200					GW	x	x	x	x						
	MW-17_20200					GW	x	x	x	x						
	MW-18_20200121	1240	FT	G	7	GW	x	x	x	x						
	MW-19_20200					GW	x	x	x	x						
	MW-3D_20200					GW	x	x	x	x						
	MW-4D_20200					GW	x	x	x	x						

		Relinquished By / Affiliation	Date	Time	Accepted By / Affiliation	Date	Time
Sampler's Name:	ED/EK						
Sampler's Company:	Antea Group				FC-IRV	1/23/20	1000
Ship Method:	FedEx 1/22/20 Ship Date:						
Shipment Tracking No:							

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Laboratory Management Program (LaMP) Chain of Custody Record
Soil, Sediment and Groundwater Samples

BP Site Node Path: BP > USA > CA > SAN MATEO > 465 > PMPv4 > 1995 Release
Req Due Date (mm/dd/yy):
Rush TAT Yes ____ No X
BP/RM Facility No: ARCO No. 00465
Lab Work Order Number:

Lab Name:	TestAmerica	BP/ARC Facility Address:	151 Southgate Ave	Consultant/Contractor:	Antea Group
Lab Address:	17461 Derian Ave., Ste. 100, Irvine, CA 92614	City, State, ZIP Code:	Daly City, CA, 94015	Consultant/Contractor Project No:	00465EA191
Lab PM:	Christian Bondoc	Lead Regulatory Agency:	San Mateo County GPP	Address:	11010 White Rock Road, Suite 140, Rancho Cordova, CA 95670
Lab Phone:	949-261-1022	California Global ID No.:	T0608100027	Consultant/Contractor PM:	Hannah Mishriki
Lab Shipping Accnt:	FedEx # 1103-6633-7	Enfos Proposal No:	009SB-0007/WR329286	Phone: 610-390-7059	Email: hannah.mishriki@anteagroup.com
Lab Bottle Order No:		Accounting Mode:	Provision __X__ OOC-BU _____ OOC-RM _____	Send/Submit EDD to:	See Special Instructions
Other Info:		Stage: 40	Activity: 123	Invoice To:	BP-RM ___X___ BP-Other _____

BP/RM PM:	Wade Melton
PM Phone:	360-594-7978
PM Email:	wade.melton@bp.com

Requested Analyses

Lab No.	Unique Sample ID, must follow format of SAMPLENAMEYYYYMMDD Examples: MW01_20190101; BH01_3-5_20190101	Time	Depth Unit	Grab (G) or Composite (C)	Total Number of Containers	Matrix	GRO (C6-C12) by 8015B	Ethanol/BTEX/5 Oxys/Napth by EPA 8260	EDB & 1,2-DCA by 8260	Stoddard Solvents by 8015B							Comments
	Filtered (Y/N)						N	N	N	N							
	Preservation						N	N	N	N							
	~~MW-5D_2020~~					GW	x	x	x	x							
	MW-6D_2020					GW	x	x	x	x							
	MW-7D_20201122	1457	ft	G	7	GW	x	x	x	x							
	MW-9D_20201122	0915	ft	G	7	GW	x	x	x	x							
	MW-16D_20201121	1430	ft	G	21	GW	x	x	x	x							~~MS/MSD~~ MS: 1710 MSD: 1730
	MW-18D_20201122	1540	ft	G	21	GW	x	x	x	x							~~MS/MSD~~ MS: 1610 MSD: 1640
	~~MW-19D_2020~~					GW	x	x	x	x							
	V-1_2020					GW	x	x	x	x							
	V-2_2020					GW	x	x	x	x							
	V-3_2020					GW	x	x	x	x							

Report Type & QC Level
Limited (Standard) Package ____
Limited Plus Package ____
Full Package ____

Sampler's Name:	BD/LK	Relinquished By / Affiliation	Date	Time	Accepted By / Affiliation / Date / Time
Sampler's Company:	Antea Group				EC-IKV 1/23/20 1000
Ship Method:	FedEx 11/22/20 Ship Date:				
Shipment Tracking No:					

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1.4/1.7
1.4.94

Laboratory Management Program (LaMP) Chain of Custody Record
Soil, Sediment and Groundwater Samples

BP Site Node Path: BP > USA > CA > SAN MATEO > 465 > PMPv4 > 1995 Release
Req Due Date (mm/dd/yy):
Rush TAT Yes ____ No X
BP/RM Facility No: ARCO No. 00465
Lab Work Order Number:

Lab Name:	TestAmerica	BP/ARC Facility Address:	151 Southgate Ave	Consultant/Contractor:	Antea Group
Lab Address:	17461 Derian Ave., Ste. 100, Irvine, CA 92614	City, State, ZIP Code:	Daly City, CA, 94015	Consultant/Contractor Project No:	00465EA191
Lab PM:	Christian Bondoc	Lead Regulatory Agency:	San Mateo County GPP	Address:	11010 White Rock Road, Suite 140, Rancho Cordova, CA 95670
Lab Phone:	949-261-1022	California Global ID No.:	T0608100027	Consultant/Contractor PM:	Hannah Mishriki
Lab Shipping Accnt:	FedEx # 1103-6633-7	Enfos Proposal No:	009SB-0007/WR329286	Phone: 610-390-7059	Email: hannah.mishriki@anteagroup.com
Lab Bottle Order No:		Accounting Mode:	Provision __X__ OOC-BU _____ OOC-RM _____	Send/Submit EDD to:	See Special Instructions
Other Info:		Stage: 40	Activity: 123	Invoice To:	BP-RM ___X___ BP-Other _____

BP/RM PM:	Wade Melton
PM Phone:	360-594-7978
PM Email:	wade.melton@bp.com

Requested Analyses

Report Type & QC Level

Limited (Standard) Package ____
Limited Plus Package ____
Full Package ____

Lab No.	Unique Sample ID, must follow format of SAMPLENAMEYYYYMMDD Examples: MW01_20190101; BH01_3-5_20190101	Time	Depth Unit	Grab (G) or Composite (C)	Total Number of Containers	Matrix	GRO (C6-C12) by 8015B	Ethanol/BTEX/5 Oxys/Naplh by EPA 8260	EDB & 1,2-DCA by 8260	Stoddard Solvents by 8015B	Comments
	Filtered (Y/N)						N	N	N	N	
	Preservation						N	N	N	N	
	V-4_2020					GW	x	x	x	x	
	V-5_2020					GW	x	x	x	x	
	V-6_2020					GW	x	x	x	x	
	V-7_2020					GW	x	x	x	x	
	V-8_20200121	1452	ft	G	7	GW	x	x	x	x	
	V-9_2020					GW	x	x	x	x	
	V-10_2020					GW	x	x	x	x	
	V-11_2020					GW	x	x	x	x	
	V-12_2020					GW	x	x	x	x	
	V-13_2020					GW	x	x	x	x	

Sampler's Name:	ED / CK	Relinquished By / Affiliation	Date	Time	Accepted By / Affiliation	Date / Time
Sampler's Company:	Antea Group				EC-IRV	1/23/20 10:00
Ship Method:	FedEx 1/22/2	Ship Date:				
Shipment Tracking No:						

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Property of BP and its Affiliates

Laboratory Management Program (LaMP) Chain of Custody Record
Soil, Sediment and Groundwater Samples

BP Site Node Path: BP > USA > CA > SAN MATEO > 465 > PMPv4 > 1995 Release
Req Due Date (mm/dd/yy):
Rush TAT Yes ____ No X
BP/RM Facility No: ARCO No. 00465
Lab Work Order Number:

Lab Name:	TestAmerica	BP/ARC Facility Address:	151 Southgate Ave	Consultant/Contractor:	Antea Group
Lab Address:	17461 Derian Ave., Ste. 100, Irvine, CA 92614	City, State, ZIP Code:	Daly City, CA, 94015	Consultant/Contractor Project No:	00465EA191
Lab PM:	Christian Bondoc	Lead Regulatory Agency:	San Mateo County GPP	Address:	11010 White Rock Road, Suite 140, Rancho Cordova, CA 95670
Lab Phone:	949-261-1022	California Global ID No.:	T0608100027	Consultant/Contractor PM:	Hannah Mishriki
Lab Shipping Accnt:	FedEx # 1103-6633-7	Enfos Proposal No:	009SB-0007/WR329286	Phone: 610-390-7059	Email: hannah.mishriki@anteagroup.com
Lab Bottle Order No:		Accounting Mode:	Provision __X__ OOC-BU ____ OOC-RM ____	Send/Submit EDD to:	See Special Instructions
Other Info:		Stage: 40	Activity: 123	Invoice To:	BP-RM ___X___ BP-Other _____

BP/RM PM: Wade Melton
PM Phone: 360-594-7978
PM Email: wade.melton@bp.com

Requested Analyses

Report Type & QC Level

Limited (Standard) Package ____
Limited Plus Package ____
Full Package ____

Lab No.	Unique Sample ID, must follow format of SAMPLENAMEYYYYMMDD Examples: MW01_20190101; BH01_3-5_20190101	Time	Depth Unit	Grab (G) or Composite (C)	Total Number of Containers	Matrix	GRO (C6-C12) by 8015B	Ethanol/BTEX/5 Oxys/Naph by EPA 8260	EDB & 1,2-DCA by 8260	Stoddard Solvents by 8015B							Comments
			Filtered (Y/N)				N	N	N	N							
			Preservation				N	N	N	N							
	V-14_2020					GW	x	x	x	x							
	DUP-465-1_2020					GW	x	x	x	x							
	DUP-465-2_2020					GW	x	x	x	x							
	TB-465_2020 0122		-	-	12	W	x	x	x								6 each Lot 412

Sampler's Name:	Relinquished By / Affiliation	Date	Time	Accepted By / Affiliation	Date	Time
Sampler's Company: Antea Group				FC-1RV	1/23/20	1000
Ship Method: FedEX 1/22/20 Ship Date:						
Shipment Tracking No:						

Proprietary and Confidential
Property of BP and its Affiliates

Login Sample Receipt Checklist

Client: Antea Group

Job Number: 440-259635-1

Login Number: 259635
List Number: 1
Creator: Skinner, Alma D

List Source: Eurofins Irvine

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	True	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	N/A	Not Present
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins Irvine Job No.: 440-259635-1

SDG No.:

Batch Number: 592169 Batch Start Date: 01/24/20 07:55 Batch Analyst: Cocker, Ricardo

Batch Method: 8260B Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	Initial pH	VMW8260T1CCV1 00139	VMWNU8260ISS 00195	AnalysisComment
MB 440-592169/4		8260B		10 mL	10 mL			5 uL	
440-259635-A-5	MW-16D_20200121	8260B	T	10 mL	10 mL	7 SU		5 uL	RA 10 mL for DIPE, CCV low
440-259635-A-5 MS	MW-16D_20200121	8260B	T	10 mL	10 mL	7 SU	8 uL	5 uL	
440-259635-A-5 MSD	MW-16D_20200121	8260B	T	10 mL	10 mL	7 SU	8 uL	5 uL	
440-259635-A-2	MW-18_20200122	8260B	T	10 mL	10 mL	7 SU		5 uL	RA 10 mL for DIPE, CCV low
440-259635-A-7	V-8_20200122	8260B	T	10 mL	10 mL	7 SU		5 uL	RA 10 mL for DIPE, CCV low
LCS 440-592169/1002		8260B		10 mL	10 mL		25 uL	5 uL	

Batch Notes	
pH Indicator ID	220416a
Pipette/Syringe/Dispenser ID	voa-01
Vial Lot Number	0217701e

Basis	Basis Description
T	Total/NA

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins Irvine Job No.: 440-259635-1

SDG No.:

Batch Number: 592287 Batch Start Date: 01/24/20 17:33 Batch Analyst: Alcasid, Gelico M

Batch Method: 8260B Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	Initial pH	VMW8260T1CCV1 00140	VMWNU8260ISS 00195	
MB 440-592287/5		8260B		10 mL	10 mL			5 uL	
440-259702-C-2	MW-4_20200123	8260B	T	10 mL	10 mL	7 SU		5 uL	
440-259702-C-2 MS		8260B	T	10 mL	10 mL	7 SU	2 uL	5 uL	
440-259702-C-2 MSD		8260B	T	10 mL	10 mL	7 SU	2 uL	5 uL	
440-259635-C-2	MW-18_20200122	8260B	T	10 mL	10 mL	7 SU		5 uL	
440-259635-C-5	MW-16D_20200121	8260B	T	10 mL	10 mL	7 SU		5 uL	
440-259635-C-7	V-8_20200122	8260B	T	10 mL	10 mL	7 SU		5 uL	
LCS 440-592287/1009		8260B		10 mL	10 mL		5 uL	5 uL	

Batch Notes	
pH Indicator ID	220416A
Pipette/Syringe/Dispenser ID	BT10ML / Voa - 02
Vial Lot Number	0217701E

Basis	Basis Description
T	Total/NA

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins Irvine Job No.: 440-259635-1

SDG No.:

Batch Number: 592290 Batch Start Date: 01/24/20 17:20 Batch Analyst: Alcasid, Gelico M

Batch Method: 8260B Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	Initial pH	VMW8260T1CCV1 00140	VMWNU8260ISS 00195	
MB 440-592290/4		8260B		10 mL	10 mL			5 uL	
440-259635-D-6	MW-18D_20200122	8260B	T	10 mL	10 mL	7 SU		5 uL	
440-259635-D-6 MS	MW-18D_20200122	8260B	T	10 mL	10 mL	7 SU	2 uL	5 uL	
440-259635-D-6 MSD	MW-18D_20200122	8260B	T	10 mL	10 mL	7 SU	2 uL	5 uL	
440-259635-D-1	MW-9_20200122	8260B	T	10 mL	10 mL	7 SU		5 uL	
440-259635-D-3	MW-7D_20200122	8260B	T	10 mL	10 mL	6 SU		5 uL	
440-259635-D-4	MW-9D_20200122	8260B	T	10 mL	10 mL	7 SU		5 uL	
440-259635-D-8	TB-465_20200122	8260B	T	10 mL	10 mL	5 SU		5 uL	
LCS 440-592290/1002		8260B		10 mL	10 mL		5 uL	5 uL	

Batch Notes	
pH Indicator ID	220416A
Pipette/Syringe/Dispenser ID	BT10ML / Voa - 02
Vial Lot Number	0217701E

Basis	Basis Description
T	Total/NA

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins Irvine Job No.: 440-259635-1

SDG No.:

Batch Number: 592372 Batch Start Date: 01/27/20 07:05 Batch Analyst: Ibasitas, Arnel

Batch Method: 8260B Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	Initial pH	VMW8260T1CCV1 00140	VMWNU8260ISS 00195	
MB 440-592372/6		8260B		10 mL	10 mL			5 uL	
440-259635-D-5 MS	MW-16D_20200121	8260B	T	10 mL	10 mL	7 SU	2 uL	5 uL	
440-259635-D-5 MSD	MW-16D_20200121	8260B	T	10 mL	10 mL	7 SU	2 uL	5 uL	
440-259635-D-5	MW-16D_20200121	8260B	T	10 mL	10 mL	7 SU		5 uL	
LCS 440-592372/1002		8260B		10 mL	10 mL		5 uL	5 uL	

Batch Notes	
pH Indicator ID	220416A
Pipette/Syringe/Dispenser ID	voa-01
Vial Lot Number	0103701E

Basis	Basis Description
T	Total/NA

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GASOLINE RANGE ORGANICS BATCH WORKSHEET

Lab Name: Eurofins Irvine Job No.: 440-259635-1

SDG No.:

Batch Number: 592278 Batch Start Date: 01/24/20 09:25 Batch Analyst: Coleman, Hailley K

Batch Method: 8015B Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	Initial pH	VG-LCSTPH1000 00468	VG-SURR500PPM 00022	
LCS 440-592278/23		8015B		10 mL	10 mL	n/a SU	8 uL	1 uL	
MB 440-592278/24		8015B		10 mL	10 mL	n/a SU		1 uL	
440-259635-A-8	TB-465_20200122	8015B	T	10 mL	10 mL	7 SU		1 uL	
440-259635-A-1	MW-9_20200122	8015B	T	10 mL	10 mL	7 SU		1 uL	
440-259635-A-3	MW-7D_20200122	8015B	T	10 mL	10 mL	7 SU		1 uL	
440-259635-A-4	MW-9D_20200122	8015B	T	10 mL	10 mL	7 SU		1 uL	
440-259635-A-6	MW-18D_20200122	8015B	T	10 mL	10 mL	7 SU		1 uL	
440-259635-A-6 MS	MW-18D_20200122	8015B	T	10 mL	10 mL	7 SU	8 uL	1 uL	
440-259635-A-6 MSD	MW-18D_20200122	8015B	T	10 mL	10 mL	7 SU	8 uL	1 uL	

Batch Notes	
pH Indicator ID	HC991818/220416A
Pipette/Syringe/Dispenser ID	BT10ML/VOA-01/02-681-412
Vial Lot Number	0217701E

Basis	Basis Description
T	Total/NA

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GASOLINE RANGE ORGANICS BATCH WORKSHEET

Lab Name: Eurofins Irvine Job No.: 440-259635-1

SDG No.:

Batch Number: 592326 Batch Start Date: 01/25/20 07:39 Batch Analyst: Coleman, Hailley K

Batch Method: 8015B Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	Initial pH	VG-LCSTPH1000 00468	VG-SURR500PPM 00022	
LCS 440-592326/4		8015B		10 mL	10 mL	n/a SU	8 uL	1 uL	
MB 440-592326/5		8015B		10 mL	10 mL	n/a SU		1 uL	
440-259635-B-2	MW-18_20200122	8015B	T	10 mL	10 mL	7 SU		1 uL	
440-259635-B-5	MW-16D_20200121	8015B	T	10 mL	10 mL	7 SU		1 uL	
440-259635-B-5 MS	MW-16D_20200121	8015B	T	10 mL	10 mL	7 SU	8 uL	1 uL	
440-259635-B-5 MSD	MW-16D_20200121	8015B	T	10 mL	10 mL	7 SU	8 uL	1 uL	
440-259635-B-7	V-8_20200122	8015B	T	10 mL	10 mL	7 SU		1 uL	

Batch Notes	
pH Indicator ID	HC991818/220416A
Pipette/Syringe/Dispenser ID	BT10ML/VOA-03/02-681-412
Vial Lot Number	0217701E

Basis	Basis Description
T	Total/NA

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

DIESEL RANGE ORGANICS BATCH WORKSHEET

Lab Name: Eurofins Irvine Job No.: 440-259635-1

SDG No.:

Batch Number: 592152 Batch Start Date: 01/24/20 06:08 Batch Analyst: Herrera, Lizette 1

Batch Method: 3510C Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Basis	GrossWeight	TareWeight	InitialAmount	FinalAmount	ReceivedpH	gc8015dslLCSA 00121
MB 440-592152/1		3510C, 8015B				1000 mL	1 mL	6 SU	
LCS 440-592152/2		3510C, 8015B				1000 mL	1 mL	6 SU	1 mL
440-259635-G-5 MS	MW-16D_20200121	3510C, 8015B	T	1565 g	0520 g	1045 mL	1 mL	6 SU	1 mL
440-259635-G-5 MSD	MW-16D_20200121	3510C, 8015B	T	1570 g	0525 g	1045 mL	1 mL	6 SU	1 mL
440-259635-G-6 MS	MW-18D_20200122	3510C, 8015B	T	1560 g	0520 g	1040 mL	1 mL	6 SU	1 mL
440-259635-G-6 MSD	MW-18D_20200122	3510C, 8015B	T	1560 g	0520 g	1040 mL	1 mL	6 SU	1 mL
440-259635-G-1	MW-9_20200122	3510C, 8015B	T	1570 g	0520 g	1050 mL	1 mL	6 SU	
440-259635-G-2	MW-18_20200122	3510C, 8015B	T	1560 g	0520 g	1040 mL	1 mL	6 SU	
440-259635-G-3	MW-7D_20200122	3510C, 8015B	T	1570 g	0520 g	1050 mL	1 mL	6 SU	
440-259635-G-4	MW-9D_20200122	3510C, 8015B	T	1570 g	0520 g	1050 mL	1 mL	6 SU	
440-259635-G-5	MW-16D_20200121	3510C, 8015B	T	1565 g	0525 g	1040 mL	1 mL	6 SU	
440-259635-G-6	MW-18D_20200122	3510C, 8015B	T	1565 g	0520 g	1045 mL	1 mL	6 SU	
440-259635-G-7	V-8_20200122	3510C, 8015B	T	1570 g	0515 g	1055 mL	1 mL	6 SU	

Lab Sample ID	Client Sample ID	Method Chain	Basis	gc8015dslSURR 00101	AnalysisComment				
MB 440-592152/1		3510C, 8015B		0.2 mL					
LCS 440-592152/2		3510C, 8015B		0.2 mL	DRO				
440-259635-G-5 MS	MW-16D_20200121	3510C, 8015B	T	0.2 mL	DRO-MS Cloudy Light Yellow				
440-259635-G-5 MSD	MW-16D_20200121	3510C, 8015B	T	0.2 mL	DRO-MSD Cloudy Light Yellow				
440-259635-G-6 MS	MW-18D_20200122	3510C, 8015B	T	0.2 mL	DRO-MS Cloudy Light Yellow				
440-259635-G-6 MSD	MW-18D_20200122	3510C, 8015B	T	0.2 mL	DRO-MSD Cloudy Light Yellow				
440-259635-G-1	MW-9_20200122	3510C, 8015B	T	0.2 mL	Cloudy Light Yellow				
440-259635-G-2	MW-18_20200122	3510C, 8015B	T	0.2 mL	Cloudy Light Yellow				
440-259635-G-3	MW-7D_20200122	3510C, 8015B	T	0.2 mL	Cloudy Light Yellow				

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

DIESEL RANGE ORGANICS BATCH WORKSHEET

Lab Name: Eurofins Irvine Job No.: 440-259635-1

SDG No.:

Batch Number: 592152 Batch Start Date: 01/24/20 06:08 Batch Analyst: Herrera, Lizette 1

Batch Method: 3510C Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Basis	gc8015dslSURR 00101	AnalysisComment				
440-259635-G-4	MW-9D_20200122	3510C, 8015B	T	0.2 mL	Cloudy Light Yellow				
440-259635-G-5	MW-16D_20200121	3510C, 8015B	T	0.2 mL	Cloudy Light Yellow				
440-259635-G-6	MW-18D_20200122	3510C, 8015B	T	0.2 mL	Cloudy Light Yellow				
440-259635-G-7	V-8_20200122	3510C, 8015B	T	0.2 mL	Cloudy				

Batch Notes	
Balance ID	68
Batch Comment	8015B split
Analyst ID - Concentration	LH LA
Concentration 1 Corrected Temperature	35 Degrees C
Equipment ID - Concentration 1	TV 02 13 08 11
Analyst ID - Extraction	LH LA
Filter ID	Sartorius 19-107
Method/Fraction	8015B
Na2SO4 ID	5876203
pH Indicator ID	HC989495
Pipette/Syringe/Dispenser ID	9"Disposable / 040319500A 1203181000A
Prep Solvent ID	DCM 6011538
Prep Solvent Volume Used	180 mL
Analyst ID - Spike Analyst	LH
Sufficient Volume for Batch QC	Yes
Concentration 1 Uncorrected Temperature	35 Degrees C
Vial Lot Number	Thermo Scientific 19096222
Reagent Water ID	Nano pure water

Basis	Basis Description
T	Total/NA

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

Is the Data Valid? (circle) Yes / No	Preservation Temperature (if Known): 1.7 / 2.7 ºC

Antea®Group Lab Validation Sheet

Project/Client: BP

Project #: 00465EA191

Date of Validation: 2/27/2020

Completed By: Katelynn Smith **Signature:** Katelynn Smith

Analytical Lab Used and Report # (if any): 440-259635-1

	Circle or Highlight Yes/No below
1. Was the analysis the one requested?	Yes / No
2. Do the sample number(s) on the chain-of-custody (COC) match the one(s) that appear on the laboratory data sheet?	Yes / No
3. Were samples prepared (extracted, filtered, etc.) within EPA holding times?	Yes / No
4. Once prepared/extracted, were the samples analyzed within the EPA holding times?	Yes / No
5. Were Laboratory blanks performed, if so, were they below non-detect?	Yes / No
6. Are the units correct? (i.e., soil samples in mg/kg or ug/g, water samples mg/L, ug/L, and air samples in volume mg/m^3,etc.)	Yes / No
7. Were appropriate Matrix Spike (MS) and Matrix Spike Duplicate (MSD) samples included in the laboratory batch sample?	Yes / No
8. In lieu of MS/ MSD, were surrogate spike (SS) or surrogate spike duplicate (SSD) samples included in the laboratory batch samples?	Yes / No
9. Were MS/ MSD (or SS/SSD) within the acceptable range of % recovery (i.e., approx 80-120% depending on analyte)?	Yes / No
10. Were MS/MSD (or SS/SSD) values used to calculate Relative Percent Difference (RPD)?	Yes / No
11. Were Relative Percent Difference values within the acceptable range (i.e. ± 25%)?	Yes / No

If any answer is no, explain why and what corrective action was taken:

The laboratory noted the following qualifier(s) in the lab report:

LM: MS and/or MSD above acceptance limits. See Blank Spike (LCS)

LR: LCS/LCSD recovery below method control limits

LN: MS and/or MSD below acceptance limits. See Blank Spike (LCS)

ANALYTICAL REPORT

Eurofins Calscience Irvine
17461 Derian Ave
Suite 100
Irvine, CA 92614-5817
Tel: (949)261-1022

Laboratory Job ID: 440-259702-1
Client Project/Site: ARCO 0465, Daly City

For:
Antea Group
11010 White Rock Road
Suite 140
Rancho Cordova, California 95670

Attn: Hannah Mishriki



Authorized for release by:
1/28/2020 3:06:43 PM

Christian Bondoc, Project Manager I
(949)260-3218
christian.bondoc@testamericainc.com

This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Results relate only to the items tested and the sample(s) as received by the laboratory.

The results listed within this Laboratory Report pertain only to the samples tested in the laboratory. The analyses contained in this report were performed in accordance with the BPLAMP Technical Specifications, applicable federal, state, local regulations and certification requirements as well as the methodologies as described in laboratory SOPs reviewed by the BPLAMP. This Laboratory Report is confidential and is intended for the sole use of Eurofins TestAmerica and its client. This report shall not be reproduced, except in full, without written permission from TestAmerica. The signature on the cover page extends to the case narrative and all the data and forms in the package. The Chain of Custody is included and is an integral part of this report.



Christian Bondoc
Project Manager I
1/28/2020 3:06:43 PM

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Definitions/Glossary

Client: Antea Group
Project/Site: ARCO 0465, Daly City

Job ID: 440-259702-1

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
¤	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
PQL	Practical Quantitation Limit
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)

Case Narrative

Client: Antea Group
Project/Site: ARCO 0465, Daly City

Job ID: 440-259702-1

Job ID: 440-259702-1

Laboratory: Eurofins Calscience Irvine

Narrative

Job Narrative
440-259702-1

Comments
No additional comments.

Receipt
The samples were received on 1/24/2020 10:00 AM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperatures of the 2 coolers at receipt time were 4.2º C and 4.8º C.

Receipt Exceptions
TB-465 was crossed off the COC however we received 12 TB voa vials unpreserved. TB-465 (440-259702-9)

GC/MS VOA
No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

GC VOA
No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

GC Semi VOA
Method 8015B: Insufficient 8015-DRO sample volume was available to perform a matrix spike/matrix spike duplicate (MS/MSD) associated with preparation batch 440-592379 and analytical batch 440-592483. The laboratory control sample (LCS) was performed in duplicate to provide precision data for this batch: (LCS 440-592379/2-A)

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

Organic Prep
Method 3510C: Insufficient sample volume was available to perform a matrix spike/matrix spike duplicate (MS/MSD) associated with preparation batch 440-592379. Method 8015B

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

VOA Prep
No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

Detection Summary

Client: Antea Group
Project/Site: ARCO 0465, Daly City

Job ID: 440-259702-1

Client Sample ID: MW-2_20200123 — Lab Sample ID: 440-259702-1

No Detections.

Client Sample ID: MW-4_20200123 — Lab Sample ID: 440-259702-2

No Detections.

Client Sample ID: MW-7_20200123 — Lab Sample ID: 440-259702-3

No Detections.

Client Sample ID: MW-16_20200123 — Lab Sample ID: 440-259702-4

No Detections.

Client Sample ID: MW-4D_20200123 — Lab Sample ID: 440-259702-5

No Detections.

Client Sample ID: MW-5D_20200123 — Lab Sample ID: 440-259702-6

No Detections.

Client Sample ID: V-14_20200123 — Lab Sample ID: 440-259702-7

Analyte	Result	Qualifier	RL		Unit	Dil Fac	D	Method	Prep Type
Methyl-t-Butyl Ether (MTBE)	31		0.50		ug/L	1		8260B	Total/NA
tert-Butyl alcohol (TBA)	56		10		ug/L	1		8260B	Total/NA

Client Sample ID: DUP-465-1_20200123 — Lab Sample ID: 440-259702-8

Analyte	Result	Qualifier	RL		Unit	Dil Fac	D	Method	Prep Type
Methyl-t-Butyl Ether (MTBE)	32		0.50		ug/L	1		8260B	Total/NA
tert-Butyl alcohol (TBA)	58		10		ug/L	1		8260B	Total/NA

Client Sample ID: TB-465 — Lab Sample ID: 440-259702-9

No Detections.

This Detection Summary does not include radiochemical test results.

Client Sample ID: MW-2_20200123

Lab Sample ID: 440-259702-1

Date Collected: 01/23/20 13:49

Matrix: Water

Date Received: 01/24/20 10:00

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromoethane (EDB)	ND		0.50		ug/L			01/25/20 03:17	1
1,2-Dichloroethane	ND		0.50		ug/L			01/25/20 03:17	1
Benzene	ND		0.50		ug/L			01/25/20 03:17	1
Ethanol	ND		150		ug/L			01/25/20 03:17	1
Ethylbenzene	ND		0.50		ug/L			01/25/20 03:17	1
Ethyl-t-butyl ether (ETBE)	ND		0.50		ug/L			01/25/20 03:17	1
Isopropyl Ether (DIPE)	ND		0.50		ug/L			01/25/20 03:17	1
m,p-Xylene	ND		1.0		ug/L			01/25/20 03:17	1
Methyl-t-Butyl Ether (MTBE)	ND		0.50		ug/L			01/25/20 03:17	1
Naphthalene	ND		1.0		ug/L			01/25/20 03:17	1
o-Xylene	ND		0.50		ug/L			01/25/20 03:17	1
Tert-amyl-methyl ether (TAME)	ND		0.50		ug/L			01/25/20 03:17	1
tert-Butyl alcohol (TBA)	ND		10		ug/L			01/25/20 03:17	1
Toluene	ND		0.50		ug/L			01/25/20 03:17	1
Xylenes, Total	ND		1.0		ug/L			01/25/20 03:17	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*105*		*80 - 120*		*01/25/20 03:17*	*1*
Dibromofluoromethane (Surr)	*102*		*76 - 132*		*01/25/20 03:17*	*1*
Toluene-d8 (Surr)	*108*		*80 - 128*		*01/25/20 03:17*	*1*

Method: 8015B - Gasoline Range Organics - (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
GRO (C6-C12)	ND		50		ug/L			01/25/20 19:02	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*98*		*65 - 140*		*01/25/20 19:02*	*1*

Method: 8015B - Stoddard Solvent

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Stod.Sol. RO [C9-C13]	ND		0.048		mg/L		01/27/20 06:27	01/27/20 16:29	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
n-Octacosane	*62*		*45 - 120*	*01/27/20 06:27*	*01/27/20 16:29*	*1*

Client Sample ID: MW-4_20200123

Lab Sample ID: 440-259702-2

Date Collected: 01/23/20 11:23

Matrix: Water

Date Received: 01/24/20 10:00

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromoethane (EDB)	ND		0.50		ug/L			01/24/20 20:27	1
1,2-Dichloroethane	ND		0.50		ug/L			01/24/20 20:27	1
Benzene	ND		0.50		ug/L			01/24/20 20:27	1
Ethanol	ND		150		ug/L			01/24/20 20:27	1
Ethylbenzene	ND		0.50		ug/L			01/24/20 20:27	1
Ethyl-t-butyl ether (ETBE)	ND		0.50		ug/L			01/24/20 20:27	1
Isopropyl Ether (DIPE)	ND		0.50		ug/L			01/24/20 20:27	1
m,p-Xylene	ND		1.0		ug/L			01/24/20 20:27	1
Methyl-t-Butyl Ether (MTBE)	ND		0.50		ug/L			01/24/20 20:27	1
Naphthalene	ND		1.0		ug/L			01/24/20 20:27	1

Client Sample ID: MW-4_20200123

Lab Sample ID: 440-259702-2

Date Collected: 01/23/20 11:23

Matrix: Water

Date Received: 01/24/20 10:00

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
o-Xylene	ND		0.50		ug/L			01/24/20 20:27	1
Tert-amyl-methyl ether (TAME)	ND		0.50		ug/L			01/24/20 20:27	1
tert-Butyl alcohol (TBA)	ND		10		ug/L			01/24/20 20:27	1
Toluene	ND		0.50		ug/L			01/24/20 20:27	1
Xylenes, Total	ND		1.0		ug/L			01/24/20 20:27	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*106*		*80 - 120*		*01/24/20 20:27*	*1*
Dibromofluoromethane (Surr)	*101*		*76 - 132*		*01/24/20 20:27*	*1*
Toluene-d8 (Surr)	*110*		*80 - 128*		*01/24/20 20:27*	*1*

Method: 8015B - Gasoline Range Organics - (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
GRO (C6-C12)	ND		50		ug/L			01/25/20 19:30	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*99*		*65 - 140*		*01/25/20 19:30*	*1*

Method: 8015B - Stoddard Solvent

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Stod.Sol. RO [C9-C13]	ND		0.047		mg/L		01/27/20 06:27	01/27/20 16:53	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
n-Octacosane	*79*		*45 - 120*	*01/27/20 06:27*	*01/27/20 16:53*	*1*

Client Sample ID: MW-7_20200123

Lab Sample ID: 440-259702-3

Date Collected: 01/23/20 16:10

Matrix: Water

Date Received: 01/24/20 10:00

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromoethane (EDB)	ND		0.50		ug/L			01/25/20 03:45	1
1,2-Dichloroethane	ND		0.50		ug/L			01/25/20 03:45	1
Benzene	ND		0.50		ug/L			01/25/20 03:45	1
Ethanol	ND		150		ug/L			01/25/20 03:45	1
Ethylbenzene	ND		0.50		ug/L			01/25/20 03:45	1
Ethyl-t-butyl ether (ETBE)	ND		0.50		ug/L			01/25/20 03:45	1
Isopropyl Ether (DIPE)	ND		0.50		ug/L			01/25/20 03:45	1
m,p-Xylene	ND		1.0		ug/L			01/25/20 03:45	1
Methyl-t-Butyl Ether (MTBE)	ND		0.50		ug/L			01/25/20 03:45	1
Naphthalene	ND		1.0		ug/L			01/25/20 03:45	1
o-Xylene	ND		0.50		ug/L			01/25/20 03:45	1
Tert-amyl-methyl ether (TAME)	ND		0.50		ug/L			01/25/20 03:45	1
tert-Butyl alcohol (TBA)	ND		10		ug/L			01/25/20 03:45	1
Toluene	ND		0.50		ug/L			01/25/20 03:45	1
Xylenes, Total	ND		1.0		ug/L			01/25/20 03:45	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*105*		*80 - 120*		*01/25/20 03:45*	*1*
Dibromofluoromethane (Surr)	*102*		*76 - 132*		*01/25/20 03:45*	*1*
Toluene-d8 (Surr)	*110*		*80 - 128*		*01/25/20 03:45*	*1*

Client Sample ID: MW-7_20200123

Lab Sample ID: 440-259702-3

Date Collected: 01/23/20 16:10
Matrix: Water
Date Received: 01/24/20 10:00

Method: 8015B - Gasoline Range Organics - (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
GRO (C6-C12)	ND		50		ug/L			01/25/20 19:58	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*97*		*65 - 140*		*01/25/20 19:58*	*1*

Method: 8015B - Stoddard Solvent

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Stod.Sol. RO [C9-C13]	ND		0.047		mg/L		01/27/20 06:27	01/27/20 17:17	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
n-Octacosane	*85*		*45 - 120*	*01/27/20 06:27*	*01/27/20 17:17*	*1*

Client Sample ID: MW-16_20200123

Lab Sample ID: 440-259702-4

Date Collected: 01/23/20 10:35
Matrix: Water
Date Received: 01/24/20 10:00

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromoethane (EDB)	ND		0.50		ug/L			01/25/20 04:12	1
1,2-Dichloroethane	ND		0.50		ug/L			01/25/20 04:12	1
Benzene	ND		0.50		ug/L			01/25/20 04:12	1
Ethanol	ND		150		ug/L			01/25/20 04:12	1
Ethylbenzene	ND		0.50		ug/L			01/25/20 04:12	1
Ethyl-t-butyl ether (ETBE)	ND		0.50		ug/L			01/25/20 04:12	1
Isopropyl Ether (DIPE)	ND		0.50		ug/L			01/25/20 04:12	1
m,p-Xylene	ND		1.0		ug/L			01/25/20 04:12	1
Methyl-t-Butyl Ether (MTBE)	ND		0.50		ug/L			01/25/20 04:12	1
Naphthalene	ND		1.0		ug/L			01/25/20 04:12	1
o-Xylene	ND		0.50		ug/L			01/25/20 04:12	1
Tert-amyl-methyl ether (TAME)	ND		0.50		ug/L			01/25/20 04:12	1
tert-Butyl alcohol (TBA)	ND		10		ug/L			01/25/20 04:12	1
Toluene	ND		0.50		ug/L			01/25/20 04:12	1
Xylenes, Total	ND		1.0		ug/L			01/25/20 04:12	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*104*		*80 - 120*		*01/25/20 04:12*	*1*
Dibromofluoromethane (Surr)	*103*		*76 - 132*		*01/25/20 04:12*	*1*
Toluene-d8 (Surr)	*106*		*80 - 128*		*01/25/20 04:12*	*1*

Method: 8015B - Gasoline Range Organics - (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
GRO (C6-C12)	ND		50		ug/L			01/25/20 20:27	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*98*		*65 - 140*		*01/25/20 20:27*	*1*

Method: 8015B - Stoddard Solvent

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Stod.Sol. RO [C9-C13]	ND		0.048		mg/L		01/27/20 06:27	01/27/20 17:40	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
n-Octacosane	*79*		*45 - 120*	*01/27/20 06:27*	*01/27/20 17:40*	*1*

Client Sample ID: MW-4D_20200123

Lab Sample ID: 440-259702-5

Date Collected: 01/23/20 09:37
Matrix: Water
Date Received: 01/24/20 10:00

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromoethane (EDB)	ND		0.50		ug/L			01/25/20 04:40	1
1,2-Dichloroethane	ND		0.50		ug/L			01/25/20 04:40	1
Benzene	ND		0.50		ug/L			01/25/20 04:40	1
Ethanol	ND		150		ug/L			01/25/20 04:40	1
Ethylbenzene	ND		0.50		ug/L			01/25/20 04:40	1
Ethyl-t-butyl ether (ETBE)	ND		0.50		ug/L			01/25/20 04:40	1
Isopropyl Ether (DIPE)	ND		0.50		ug/L			01/25/20 04:40	1
m,p-Xylene	ND		1.0		ug/L			01/25/20 04:40	1
Methyl-t-Butyl Ether (MTBE)	ND		0.50		ug/L			01/25/20 04:40	1
Naphthalene	ND		1.0		ug/L			01/25/20 04:40	1
o-Xylene	ND		0.50		ug/L			01/25/20 04:40	1
Tert-amyl-methyl ether (TAME)	ND		0.50		ug/L			01/25/20 04:40	1
tert-Butyl alcohol (TBA)	ND		10		ug/L			01/25/20 04:40	1
Toluene	ND		0.50		ug/L			01/25/20 04:40	1
Xylenes, Total	ND		1.0		ug/L			01/25/20 04:40	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*102*		*80 - 120*		*01/25/20 04:40*	*1*
Dibromofluoromethane (Surr)	*101*		*76 - 132*		*01/25/20 04:40*	*1*
Toluene-d8 (Surr)	*107*		*80 - 128*		*01/25/20 04:40*	*1*

Method: 8015B - Gasoline Range Organics - (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
GRO (C6-C12)	ND		50		ug/L			01/25/20 20:55	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*96*		*65 - 140*		*01/25/20 20:55*	*1*

Method: 8015B - Stoddard Solvent

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Stod.Sol. RO [C9-C13]	ND		0.048		mg/L		01/27/20 06:27	01/27/20 18:04	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
n-Octacosane	*79*		*45 - 120*	*01/27/20 06:27*	*01/27/20 18:04*	*1*

Client Sample ID: MW-5D_20200123

Lab Sample ID: 440-259702-6

Date Collected: 01/23/20 16:30
Matrix: Water
Date Received: 01/24/20 10:00

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromoethane (EDB)	ND		0.50		ug/L			01/25/20 05:07	1
1,2-Dichloroethane	ND		0.50		ug/L			01/25/20 05:07	1
Benzene	ND		0.50		ug/L			01/25/20 05:07	1
Ethanol	ND		150		ug/L			01/25/20 05:07	1
Ethylbenzene	ND		0.50		ug/L			01/25/20 05:07	1
Ethyl-t-butyl ether (ETBE)	ND		0.50		ug/L			01/25/20 05:07	1
Isopropyl Ether (DIPE)	ND		0.50		ug/L			01/25/20 05:07	1
m,p-Xylene	ND		1.0		ug/L			01/25/20 05:07	1
Methyl-t-Butyl Ether (MTBE)	ND		0.50		ug/L			01/25/20 05:07	1
Naphthalene	ND		1.0		ug/L			01/25/20 05:07	1

Client Sample ID: MW-5D_20200123

Lab Sample ID: 440-259702-6

Date Collected: 01/23/20 16:30
Matrix: Water
Date Received: 01/24/20 10:00

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
o-Xylene	ND		0.50		ug/L			01/25/20 05:07	1
Tert-amyl-methyl ether (TAME)	ND		0.50		ug/L			01/25/20 05:07	1
tert-Butyl alcohol (TBA)	ND		10		ug/L			01/25/20 05:07	1
Toluene	ND		0.50		ug/L			01/25/20 05:07	1
Xylenes, Total	ND		1.0		ug/L			01/25/20 05:07	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*102*		*80 - 120*		*01/25/20 05:07*	*1*
Dibromofluoromethane (Surr)	*104*		*76 - 132*		*01/25/20 05:07*	*1*
Toluene-d8 (Surr)	*105*		*80 - 128*		*01/25/20 05:07*	*1*

Method: 8015B - Gasoline Range Organics - (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
GRO (C6-C12)	ND		50		ug/L			01/25/20 21:24	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*96*		*65 - 140*		*01/25/20 21:24*	*1*

Method: 8015B - Stoddard Solvent

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Stod.Sol. RO [C9-C13]	ND		0.048		mg/L		01/27/20 06:27	01/27/20 18:27	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
n-Octacosane	*83*		*45 - 120*	*01/27/20 06:27*	*01/27/20 18:27*	*1*

Client Sample ID: V-14_20200123

Lab Sample ID: 440-259702-7

Date Collected: 01/23/20 17:15
Matrix: Water
Date Received: 01/24/20 10:00

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromoethane (EDB)	ND		0.50		ug/L			01/27/20 14:03	1
1,2-Dichloroethane	ND		0.50		ug/L			01/27/20 14:03	1
Benzene	ND		0.50		ug/L			01/27/20 14:03	1
Ethanol	ND		150		ug/L			01/27/20 14:03	1
Ethylbenzene	ND		0.50		ug/L			01/27/20 14:03	1
Ethyl-t-butyl ether (ETBE)	ND		0.50		ug/L			01/27/20 14:03	1
Isopropyl Ether (DIPE)	ND		0.50		ug/L			01/27/20 14:03	1
m,p-Xylene	ND		1.0		ug/L			01/27/20 14:03	1
Methyl-t-Butyl Ether (MTBE)	**31**		0.50		ug/L			01/27/20 14:03	1
Naphthalene	ND		1.0		ug/L			01/27/20 14:03	1
o-Xylene	ND		0.50		ug/L			01/27/20 14:03	1
Tert-amyl-methyl ether (TAME)	ND		0.50		ug/L			01/27/20 14:03	1
tert-Butyl alcohol (TBA)	**56**		10		ug/L			01/27/20 14:03	1
Toluene	ND		0.50		ug/L			01/27/20 14:03	1
Xylenes, Total	ND		1.0		ug/L			01/27/20 14:03	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*102*		*80 - 120*		*01/27/20 14:03*	*1*
Dibromofluoromethane (Surr)	*101*		*76 - 132*		*01/27/20 14:03*	*1*
Toluene-d8 (Surr)	*108*		*80 - 128*		*01/27/20 14:03*	*1*

Client Sample ID: V-14_20200123

Lab Sample ID: 440-259702-7

Date Collected: 01/23/20 17:15

Matrix: Water

Date Received: 01/24/20 10:00

Method: 8015B - Gasoline Range Organics - (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
GRO (C6-C12)	ND		50		ug/L			01/25/20 21:52	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*95*		*65 - 140*		*01/25/20 21:52*	*1*

Method: 8015B - Stoddard Solvent

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Stod.Sol. RO [C9-C13]	ND		0.048		mg/L		01/27/20 06:27	01/27/20 19:15	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
n-Octacosane	*66*		*45 - 120*	*01/27/20 06:27*	*01/27/20 19:15*	*1*

Client Sample ID: DUP-465-1_20200123

Lab Sample ID: 440-259702-8

Date Collected: 01/23/20 00:01

Matrix: Water

Date Received: 01/24/20 10:00

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromoethane (EDB)	ND		0.50		ug/L			01/27/20 14:30	1
1,2-Dichloroethane	ND		0.50		ug/L			01/27/20 14:30	1
Benzene	ND		0.50		ug/L			01/27/20 14:30	1
Ethanol	ND		150		ug/L			01/27/20 14:30	1
Ethylbenzene	ND		0.50		ug/L			01/27/20 14:30	1
Ethyl-t-butyl ether (ETBE)	ND		0.50		ug/L			01/27/20 14:30	1
Isopropyl Ether (DIPE)	ND		0.50		ug/L			01/27/20 14:30	1
m,p-Xylene	ND		1.0		ug/L			01/27/20 14:30	1
Methyl-t-Butyl Ether (MTBE)	**32**		0.50		ug/L			01/27/20 14:30	1
Naphthalene	ND		1.0		ug/L			01/27/20 14:30	1
o-Xylene	ND		0.50		ug/L			01/27/20 14:30	1
Tert-amyl-methyl ether (TAME)	ND		0.50		ug/L			01/27/20 14:30	1
tert-Butyl alcohol (TBA)	**58**		10		ug/L			01/27/20 14:30	1
Toluene	ND		0.50		ug/L			01/27/20 14:30	1
Xylenes, Total	ND		1.0		ug/L			01/27/20 14:30	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*103*		*80 - 120*		*01/27/20 14:30*	*1*
Dibromofluoromethane (Surr)	*102*		*76 - 132*		*01/27/20 14:30*	*1*
Toluene-d8 (Surr)	*108*		*80 - 128*		*01/27/20 14:30*	*1*

Method: 8015B - Gasoline Range Organics - (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
GRO (C6-C12)	ND		50		ug/L			01/25/20 22:21	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*96*		*65 - 140*		*01/25/20 22:21*	*1*

Method: 8015B - Stoddard Solvent

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Stod.Sol. RO [C9-C13]	ND		0.048		mg/L		01/27/20 06:27	01/27/20 19:38	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
n-Octacosane	*72*		*45 - 120*	*01/27/20 06:27*	*01/27/20 19:38*	*1*

Client Sample ID: TB-465

Date Collected: 01/23/20 00:01
Date Received: 01/24/20 10:00

Lab Sample ID: 440-259702-9

Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromoethane (EDB)	ND		0.50		ug/L			01/27/20 18:09	1
1,2-Dichloroethane	ND		0.50		ug/L			01/27/20 18:09	1
Benzene	ND		0.50		ug/L			01/27/20 18:09	1
Ethanol	ND		150		ug/L			01/27/20 18:09	1
Ethylbenzene	ND		0.50		ug/L			01/27/20 18:09	1
Ethyl-t-butyl ether (ETBE)	ND		0.50		ug/L			01/27/20 18:09	1
Isopropyl Ether (DIPE)	ND		0.50		ug/L			01/27/20 18:09	1
m,p-Xylene	ND		1.0		ug/L			01/27/20 18:09	1
Methyl-t-Butyl Ether (MTBE)	ND		0.50		ug/L			01/27/20 18:09	1
Naphthalene	ND		1.0		ug/L			01/27/20 18:09	1
o-Xylene	ND		0.50		ug/L			01/27/20 18:09	1
Tert-amyl-methyl ether (TAME)	ND		0.50		ug/L			01/27/20 18:09	1
tert-Butyl alcohol (TBA)	ND		10		ug/L			01/27/20 18:09	1
Toluene	ND		0.50		ug/L			01/27/20 18:09	1
Xylenes, Total	ND		1.0		ug/L			01/27/20 18:09	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*102*		*80 - 120*		*01/27/20 18:09*	*1*
Dibromofluoromethane (Surr)	*101*		*76 - 132*		*01/27/20 18:09*	*1*
Toluene-d8 (Surr)	*104*		*80 - 128*		*01/27/20 18:09*	*1*

Method: 8015B - Gasoline Range Organics - (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
GRO (C6-C12)	ND		50		ug/L			01/25/20 18:33	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*98*		*65 - 140*		*01/25/20 18:33*	*1*

Surrogate Summary

Client: Antea Group
Project/Site: ARCO 0465, Daly City

Job ID: 440-259702-1

Method: 8260B - Volatile Organic Compounds (GC/MS)

Matrix: Water

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)		
Lab Sample ID	Client Sample ID	BFB (80-120)	DBFM (76-132)	TOL (80-128)
440-259662-D-2 MS	Matrix Spike	97	100	104
440-259662-D-2 MSD	Matrix Spike Duplicate	98	102	104
440-259702-1	MW-2_20200123	105	102	108
440-259702-2	MW-4_20200123	106	101	110
440-259702-2 MS	MW-4_20200123	98	100	103
440-259702-2 MSD	MW-4_20200123	100	100	102
440-259702-3	MW-7_20200123	105	102	110
440-259702-4	MW-16_20200123	104	103	106
440-259702-5	MW-4D_20200123	102	101	107
440-259702-6	MW-5D_20200123	102	104	105
440-259702-7	V-14_20200123	102	101	108
440-259702-8	DUP-465-1_20200123	103	102	108
440-259702-9	TB-465	102	101	104
LCS 440-592287/1009	Lab Control Sample	98	100	101
LCS 440-592372/1002	Lab Control Sample	96	98	102
MB 440-592287/5	Method Blank	105	102	110
MB 440-592372/6	Method Blank	101	100	106

Surrogate Legend

BFB = 4-Bromofluorobenzene (Surr)
DBFM = Dibromofluoromethane (Surr)
TOL = Toluene-d8 (Surr)

Method: 8015B - Gasoline Range Organics - (GC)

Matrix: Water

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)
Lab Sample ID	Client Sample ID	BFB1 (65-140)
440-259440-A-1 MS	Matrix Spike	103
440-259440-A-1 MSD	Matrix Spike Duplicate	104
440-259702-1	MW-2_20200123	98
440-259702-2	MW-4_20200123	99
440-259702-3	MW-7_20200123	97
440-259702-4	MW-16_20200123	98
440-259702-5	MW-4D_20200123	96
440-259702-6	MW-5D_20200123	96
440-259702-7	V-14_20200123	95
440-259702-8	DUP-465-1_20200123	96
440-259702-9	TB-465	98
LCS 440-592329/12	Lab Control Sample	103
MB 440-592329/13	Method Blank	97

Surrogate Legend

BFB = 4-Bromofluorobenzene (Surr)

Surrogate Summary

Client: Antea Group
Job ID: 440-259702-1
Project/Site: ARCO 0465, Daly City

Method: 8015B - Stoddard Solvent

Matrix: Water
Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)									
Lab Sample ID	Client Sample ID	OTCN1 (45-120)									
440-259702-1	MW-2_20200123	62									
440-259702-2	MW-4_20200123	79									
440-259702-3	MW-7_20200123	85									
440-259702-4	MW-16_20200123	79									
440-259702-5	MW-4D_20200123	79									
440-259702-6	MW-5D_20200123	83									
440-259702-7	V-14_20200123	66									
440-259702-8	DUP-465-1_20200123	72									
LCS 440-592379/2-A	Lab Control Sample	75									
LCSD 440-592379/3-A	Lab Control Sample Dup	76									
MB 440-592379/1-A	Method Blank	78									

Surrogate Legend

OTCN = n-Octacosane

Method: 8260B - Volatile Organic Compounds (GC/MS)

Lab Sample ID: MB 440-592287/5
Matrix: Water
Analysis Batch: 592287

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromoethane (EDB)	ND		0.50		ug/L			01/24/20 19:59	1
1,2-Dichloroethane	ND		0.50		ug/L			01/24/20 19:59	1
Benzene	ND		0.50		ug/L			01/24/20 19:59	1
Ethanol	ND		150		ug/L			01/24/20 19:59	1
Ethylbenzene	ND		0.50		ug/L			01/24/20 19:59	1
Ethyl-t-butyl ether (ETBE)	ND		0.50		ug/L			01/24/20 19:59	1
Isopropyl Ether (DIPE)	ND		0.50		ug/L			01/24/20 19:59	1
m,p-Xylene	ND		1.0		ug/L			01/24/20 19:59	1
Methyl-t-Butyl Ether (MTBE)	ND		0.50		ug/L			01/24/20 19:59	1
Naphthalene	ND		1.0		ug/L			01/24/20 19:59	1
o-Xylene	ND		0.50		ug/L			01/24/20 19:59	1
Tert-amyl-methyl ether (TAME)	ND		0.50		ug/L			01/24/20 19:59	1
tert-Butyl alcohol (TBA)	ND		10		ug/L			01/24/20 19:59	1
Toluene	ND		0.50		ug/L			01/24/20 19:59	1
Xylenes, Total	ND		1.0		ug/L			01/24/20 19:59	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*105*		*80 - 120*		*01/24/20 19:59*	*1*
Dibromofluoromethane (Surr)	*102*		*76 - 132*		*01/24/20 19:59*	*1*
Toluene-d8 (Surr)	*110*		*80 - 128*		*01/24/20 19:59*	*1*

Lab Sample ID: LCS 440-592287/1009
Matrix: Water
Analysis Batch: 592287

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
1,2-Dibromoethane (EDB)			25.0	25.5		ug/L		102	70 - 130		
1,2-Dichloroethane			25.0	21.7		ug/L		87	57 - 138		
Benzene			25.0	22.7		ug/L		91	68 - 130		
Ethanol			1250	1090		ug/L		87	50 - 149		
Ethylbenzene			25.0	23.3		ug/L		93	70 - 130		
Ethyl-t-butyl ether (ETBE)			25.0	22.0		ug/L		88	60 - 136		
Isopropyl Ether (DIPE)			25.0	21.6		ug/L		86	58 - 139		
m,p-Xylene			25.0	24.9		ug/L		100	70 - 130		
Methyl-t-Butyl Ether (MTBE)			25.0	22.0		ug/L		88	63 - 131		
Naphthalene			25.0	23.0		ug/L		92	60 - 140		
o-Xylene			25.0	24.1		ug/L		96	70 - 130		
Tert-amyl-methyl ether (TAME)			25.0	21.8		ug/L		87	57 - 139		
tert-Butyl alcohol (TBA)			250	240		ug/L		96	70 - 130		
Toluene			25.0	24.0		ug/L		96	70 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*98*		*80 - 120*
Dibromofluoromethane (Surr)	*100*		*76 - 132*
Toluene-d8 (Surr)	*101*		*80 - 128*

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 440-259702-2 MS
Matrix: Water
Analysis Batch: 592287

Client Sample ID: MW-4_20200123
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
1,2-Dibromoethane (EDB)	ND		10.0	10.8		ug/L		108	70 - 131
1,2-Dichloroethane	ND		10.0	9.05		ug/L		90	56 - 146
Benzene	ND		10.0	9.13		ug/L		91	66 - 130
Ethanol	ND		500	402		ug/L		80	54 - 150
Ethylbenzene	ND		10.0	9.73		ug/L		97	70 - 130
Ethyl-t-butyl ether (ETBE)	ND		10.0	9.44		ug/L		94	70 - 130
Isopropyl Ether (DIPE)	ND		10.0	8.83		ug/L		88	64 - 138
m,p-Xylene	ND		10.0	10.3		ug/L		103	70 - 133
Methyl-t-Butyl Ether (MTBE)	ND		10.0	9.61		ug/L		96	70 - 130
Naphthalene	ND		10.0	8.62		ug/L		86	60 - 140
o-Xylene	ND		10.0	9.94		ug/L		99	70 - 133
Tert-amyl-methyl ether (TAME)	ND		10.0	9.29		ug/L		93	68 - 133
tert-Butyl alcohol (TBA)	ND		100	89.2		ug/L		89	70 - 130
Toluene	ND		10.0	9.92		ug/L		99	70 - 130

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*98*		*80 - 120*
Dibromofluoromethane (Surr)	*100*		*76 - 132*
Toluene-d8 (Surr)	*103*		*80 - 128*

Lab Sample ID: 440-259702-2 MSD
Matrix: Water
Analysis Batch: 592287

Client Sample ID: MW-4_20200123
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,2-Dibromoethane (EDB)	ND		10.0	10.9		ug/L		109	70 - 131	0	25
1,2-Dichloroethane	ND		10.0	9.57		ug/L		96	56 - 146	6	20
Benzene	ND		10.0	9.59		ug/L		96	66 - 130	5	20
Ethanol	ND		500	424		ug/L		85	54 - 150	5	30
Ethylbenzene	ND		10.0	10.1		ug/L		101	70 - 130	4	20
Ethyl-t-butyl ether (ETBE)	ND		10.0	9.84		ug/L		98	70 - 130	4	25
Isopropyl Ether (DIPE)	ND		10.0	9.32		ug/L		93	64 - 138	5	25
m,p-Xylene	ND		10.0	10.9		ug/L		109	70 - 133	5	25
Methyl-t-Butyl Ether (MTBE)	ND		10.0	9.88		ug/L		99	70 - 130	3	25
Naphthalene	ND		10.0	9.47		ug/L		95	60 - 140	9	30
o-Xylene	ND		10.0	10.3		ug/L		103	70 - 133	3	20
Tert-amyl-methyl ether (TAME)	ND		10.0	9.74		ug/L		97	68 - 133	5	30
tert-Butyl alcohol (TBA)	ND		100	105		ug/L		105	70 - 130	17	25
Toluene	ND		10.0	10.3		ug/L		103	70 - 130	4	20

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*100*		*80 - 120*
Dibromofluoromethane (Surr)	*100*		*76 - 132*
Toluene-d8 (Surr)	*102*		*80 - 128*

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 440-592372/6
Matrix: Water
Analysis Batch: 592372

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromoethane (EDB)	ND		0.50		ug/L			01/27/20 09:48	1
1,2-Dichloroethane	ND		0.50		ug/L			01/27/20 09:48	1
Benzene	ND		0.50		ug/L			01/27/20 09:48	1
Ethanol	ND		150		ug/L			01/27/20 09:48	1
Ethylbenzene	ND		0.50		ug/L			01/27/20 09:48	1
Ethyl-t-butyl ether (ETBE)	ND		0.50		ug/L			01/27/20 09:48	1
Isopropyl Ether (DIPE)	ND		0.50		ug/L			01/27/20 09:48	1
m,p-Xylene	ND		1.0		ug/L			01/27/20 09:48	1
Methyl-t-Butyl Ether (MTBE)	ND		0.50		ug/L			01/27/20 09:48	1
Naphthalene	ND		1.0		ug/L			01/27/20 09:48	1
o-Xylene	ND		0.50		ug/L			01/27/20 09:48	1
Tert-amyl-methyl ether (TAME)	ND		0.50		ug/L			01/27/20 09:48	1
tert-Butyl alcohol (TBA)	ND		10		ug/L			01/27/20 09:48	1
Toluene	ND		0.50		ug/L			01/27/20 09:48	1
Xylenes, Total	ND		1.0		ug/L			01/27/20 09:48	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*101*		*80 - 120*		*01/27/20 09:48*	*1*
Dibromofluoromethane (Surr)	*100*		*76 - 132*		*01/27/20 09:48*	*1*
Toluene-d8 (Surr)	*106*		*80 - 128*		*01/27/20 09:48*	*1*

Lab Sample ID: LCS 440-592372/1002
Matrix: Water
Analysis Batch: 592372

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
1,2-Dibromoethane (EDB)			25.0	25.1		ug/L		101	70 - 130		
1,2-Dichloroethane			25.0	21.6		ug/L		87	57 - 138		
Benzene			25.0	22.8		ug/L		91	68 - 130		
Ethanol			1250	1210		ug/L		97	50 - 149		
Ethylbenzene			25.0	24.9		ug/L		99	70 - 130		
Ethyl-t-butyl ether (ETBE)			25.0	21.3		ug/L		85	60 - 136		
Isopropyl Ether (DIPE)			25.0	21.5		ug/L		86	58 - 139		
m,p-Xylene			25.0	26.3		ug/L		105	70 - 130		
Methyl-t-Butyl Ether (MTBE)			25.0	21.6		ug/L		86	63 - 131		
Naphthalene			25.0	21.6		ug/L		86	60 - 140		
o-Xylene			25.0	25.6		ug/L		102	70 - 130		
Tert-amyl-methyl ether (TAME)			25.0	21.1		ug/L		85	57 - 139		
tert-Butyl alcohol (TBA)			250	262		ug/L		105	70 - 130		
Toluene			25.0	24.5		ug/L		98	70 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*96*		*80 - 120*
Dibromofluoromethane (Surr)	*98*		*76 - 132*
Toluene-d8 (Surr)	*102*		*80 - 128*

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 440-259662-D-2 MS
Matrix: Water
Analysis Batch: 592372

Client Sample ID: Matrix Spike
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
1,2-Dibromoethane (EDB)	ND		10.0	11.1		ug/L		111	70 - 131
1,2-Dichloroethane	ND		10.0	9.46		ug/L		95	56 - 146
Benzene	ND		10.0	10.1		ug/L		101	66 - 130
Ethanol	ND		500	497		ug/L		99	54 - 150
Ethylbenzene	ND		10.0	11.0		ug/L		110	70 - 130
Ethyl-t-butyl ether (ETBE)	ND		10.0	9.15		ug/L		91	70 - 130
Isopropyl Ether (DIPE)	ND		10.0	9.27		ug/L		93	64 - 138
m,p-Xylene	ND		10.0	11.6		ug/L		116	70 - 133
Methyl-t-Butyl Ether (MTBE)	ND		10.0	9.39		ug/L		94	70 - 130
Naphthalene	1.1		10.0	10.9		ug/L		98	60 - 140
o-Xylene	ND		10.0	11.2		ug/L		112	70 - 133
Tert-amyl-methyl ether (TAME)	ND		10.0	9.27		ug/L		93	68 - 133
tert-Butyl alcohol (TBA)	ND		100	112		ug/L		112	70 - 130
Toluene	ND		10.0	11.0		ug/L		110	70 - 130

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*97*		*80 - 120*
Dibromofluoromethane (Surr)	*100*		*76 - 132*
Toluene-d8 (Surr)	*104*		*80 - 128*

Lab Sample ID: 440-259662-D-2 MSD
Matrix: Water
Analysis Batch: 592372

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,2-Dibromoethane (EDB)	ND		10.0	11.0		ug/L		110	70 - 131	1	25
1,2-Dichloroethane	ND		10.0	9.62		ug/L		96	56 - 146	2	20
Benzene	ND		10.0	9.97		ug/L		100	66 - 130	1	20
Ethanol	ND		500	474		ug/L		95	54 - 150	5	30
Ethylbenzene	ND		10.0	10.7		ug/L		107	70 - 130	3	20
Ethyl-t-butyl ether (ETBE)	ND		10.0	9.66		ug/L		97	70 - 130	5	25
Isopropyl Ether (DIPE)	ND		10.0	9.47		ug/L		95	64 - 138	2	25
m,p-Xylene	ND		10.0	11.2		ug/L		112	70 - 133	3	25
Methyl-t-Butyl Ether (MTBE)	ND		10.0	9.37		ug/L		94	70 - 130	0	25
Naphthalene	1.1		10.0	9.84		ug/L		87	60 - 140	10	30
o-Xylene	ND		10.0	10.8		ug/L		108	70 - 133	4	20
Tert-amyl-methyl ether (TAME)	ND		10.0	9.37		ug/L		94	68 - 133	1	30
tert-Butyl alcohol (TBA)	ND		100	104		ug/L		104	70 - 130	7	25
Toluene	ND		10.0	11.0		ug/L		110	70 - 130	0	20

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*98*		*80 - 120*
Dibromofluoromethane (Surr)	*102*		*76 - 132*
Toluene-d8 (Surr)	*104*		*80 - 128*

Method: 8015B - Gasoline Range Organics - (GC)

Lab Sample ID: MB 440-592329/13
Matrix: Water
Analysis Batch: 592329

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
GRO (C6-C12)	ND		50		ug/L			01/25/20 13:49	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*97*		*65 - 140*		*01/25/20 13:49*	*1*

Lab Sample ID: LCS 440-592329/12
Matrix: Water
Analysis Batch: 592329

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
GRO (C4-C12)			800	834		ug/L		104	80 - 120		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*103*		*65 - 140*

Lab Sample ID: 440-259440-A-1 MS
Matrix: Water
Analysis Batch: 592329

Client Sample ID: Matrix Spike
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits		
GRO (C4-C12)	ND		800	824		ug/L		103	65 - 140		

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*103*		*65 - 140*

Lab Sample ID: 440-259440-A-1 MSD
Matrix: Water
Analysis Batch: 592329

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
GRO (C4-C12)	ND		800	810		ug/L		101	65 - 140	2	20

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*104*		*65 - 140*

Method: 8015B - Stoddard Solvent

Lab Sample ID: MB 440-592379/1-A
Matrix: Water
Analysis Batch: 592483

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 592379

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Stod.Sol. RO [C9-C13]	ND		0.050		mg/L		01/27/20 06:27	01/27/20 16:05	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
n-Octacosane	*78*		*45 - 120*	*01/27/20 06:27*	*01/27/20 16:05*	*1*

Method: 8015B - Stoddard Solvent (Continued)

Lab Sample ID: LCS 440-592379/2-A
Matrix: Water
Analysis Batch: 592483

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 592379

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
C10-C28			1000	769		ug/L		77	40 - 115		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
n-Octacosane	*75*		*45 - 120*

Lab Sample ID: LCSD 440-592379/3-A
Matrix: Water
Analysis Batch: 592483

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 592379

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
C10-C28			1000	772		ug/L		77	40 - 115	0	25

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
n-Octacosane	*76*		*45 - 120*

QC Association Summary

Client: Antea Group
Project/Site: ARCO 0465, Daly City

Job ID: 440-259702-1

GC/MS VOA

Analysis Batch: 592287

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
440-259702-1	MW-2_20200123	Total/NA	Water	8260B	
440-259702-2	MW-4_20200123	Total/NA	Water	8260B	
440-259702-3	MW-7_20200123	Total/NA	Water	8260B	
440-259702-4	MW-16_20200123	Total/NA	Water	8260B	
440-259702-5	MW-4D_20200123	Total/NA	Water	8260B	
440-259702-6	MW-5D_20200123	Total/NA	Water	8260B	
MB 440-592287/5	Method Blank	Total/NA	Water	8260B	
LCS 440-592287/1009	Lab Control Sample	Total/NA	Water	8260B	
440-259702-2 MS	MW-4_20200123	Total/NA	Water	8260B	
440-259702-2 MSD	MW-4_20200123	Total/NA	Water	8260B	

Analysis Batch: 592372

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
440-259702-7	V-14_20200123	Total/NA	Water	8260B	
440-259702-8	DUP-465-1_20200123	Total/NA	Water	8260B	
440-259702-9	TB-465	Total/NA	Water	8260B	
MB 440-592372/6	Method Blank	Total/NA	Water	8260B	
LCS 440-592372/1002	Lab Control Sample	Total/NA	Water	8260B	
440-259662-D-2 MS	Matrix Spike	Total/NA	Water	8260B	
440-259662-D-2 MSD	Matrix Spike Duplicate	Total/NA	Water	8260B	

GC VOA

Analysis Batch: 592329

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
440-259702-1	MW-2_20200123	Total/NA	Water	8015B	
440-259702-2	MW-4_20200123	Total/NA	Water	8015B	
440-259702-3	MW-7_20200123	Total/NA	Water	8015B	
440-259702-4	MW-16_20200123	Total/NA	Water	8015B	
440-259702-5	MW-4D_20200123	Total/NA	Water	8015B	
440-259702-6	MW-5D_20200123	Total/NA	Water	8015B	
440-259702-7	V-14_20200123	Total/NA	Water	8015B	
440-259702-8	DUP-465-1_20200123	Total/NA	Water	8015B	
440-259702-9	TB-465	Total/NA	Water	8015B	
MB 440-592329/13	Method Blank	Total/NA	Water	8015B	
LCS 440-592329/12	Lab Control Sample	Total/NA	Water	8015B	
440-259440-A-1 MS	Matrix Spike	Total/NA	Water	8015B	
440-259440-A-1 MSD	Matrix Spike Duplicate	Total/NA	Water	8015B	

GC Semi VOA

Prep Batch: 592379

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
440-259702-1	MW-2_20200123	Total/NA	Water	3510C	
440-259702-2	MW-4_20200123	Total/NA	Water	3510C	
440-259702-3	MW-7_20200123	Total/NA	Water	3510C	
440-259702-4	MW-16_20200123	Total/NA	Water	3510C	
440-259702-5	MW-4D_20200123	Total/NA	Water	3510C	
440-259702-6	MW-5D_20200123	Total/NA	Water	3510C	
440-259702-7	V-14_20200123	Total/NA	Water	3510C	
440-259702-8	DUP-465-1_20200123	Total/NA	Water	3510C	
MB 440-592379/1-A	Method Blank	Total/NA	Water	3510C	

GC Semi VOA (Continued)

Prep Batch: 592379 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 440-592379/2-A	Lab Control Sample	Total/NA	Water	3510C	
LCSD 440-592379/3-A	Lab Control Sample Dup	Total/NA	Water	3510C	

Analysis Batch: 592483

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
440-259702-1	MW-2_20200123	Total/NA	Water	8015B	592379
440-259702-2	MW-4_20200123	Total/NA	Water	8015B	592379
440-259702-3	MW-7_20200123	Total/NA	Water	8015B	592379
440-259702-4	MW-16_20200123	Total/NA	Water	8015B	592379
440-259702-5	MW-4D_20200123	Total/NA	Water	8015B	592379
440-259702-6	MW-5D_20200123	Total/NA	Water	8015B	592379
440-259702-7	V-14_20200123	Total/NA	Water	8015B	592379
440-259702-8	DUP-465-1_20200123	Total/NA	Water	8015B	592379
MB 440-592379/1-A	Method Blank	Total/NA	Water	8015B	592379
LCS 440-592379/2-A	Lab Control Sample	Total/NA	Water	8015B	592379
LCSD 440-592379/3-A	Lab Control Sample Dup	Total/NA	Water	8015B	592379

Lab Chronicle

Client: Antea Group
Project/Site: ARCO 0465, Daly City

Job ID: 440-259702-1

Client Sample ID: MW-2_20200123
Lab Sample ID: 440-259702-1
Date Collected: 01/23/20 13:49
Matrix: Water
Date Received: 01/24/20 10:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	592287	01/25/20 03:17	GMA	TAL IRV
Total/NA	Analysis	8015B		1	592329	01/25/20 19:02	HKC	TAL IRV
Total/NA	Prep	3510C			592379	01/27/20 06:27	L1H	TAL IRV
Total/NA	Analysis	8015B		1	592483	01/27/20 16:29	MPD	TAL IRV

Client Sample ID: MW-4_20200123
Lab Sample ID: 440-259702-2
Date Collected: 01/23/20 11:23
Matrix: Water
Date Received: 01/24/20 10:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	592287	01/24/20 20:27	GMA	TAL IRV
Total/NA	Analysis	8015B		1	592329	01/25/20 19:30	HKC	TAL IRV
Total/NA	Prep	3510C			592379	01/27/20 06:27	L1H	TAL IRV
Total/NA	Analysis	8015B		1	592483	01/27/20 16:53	MPD	TAL IRV

Client Sample ID: MW-7_20200123
Lab Sample ID: 440-259702-3
Date Collected: 01/23/20 16:10
Matrix: Water
Date Received: 01/24/20 10:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	592287	01/25/20 03:45	GMA	TAL IRV
Total/NA	Analysis	8015B		1	592329	01/25/20 19:58	HKC	TAL IRV
Total/NA	Prep	3510C			592379	01/27/20 06:27	L1H	TAL IRV
Total/NA	Analysis	8015B		1	592483	01/27/20 17:17	MPD	TAL IRV

Client Sample ID: MW-16_20200123
Lab Sample ID: 440-259702-4
Date Collected: 01/23/20 10:35
Matrix: Water
Date Received: 01/24/20 10:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	592287	01/25/20 04:12	GMA	TAL IRV
Total/NA	Analysis	8015B		1	592329	01/25/20 20:27	HKC	TAL IRV
Total/NA	Prep	3510C			592379	01/27/20 06:27	L1H	TAL IRV
Total/NA	Analysis	8015B		1	592483	01/27/20 17:40	MPD	TAL IRV

Client Sample ID: MW-4D_20200123
Lab Sample ID: 440-259702-5
Date Collected: 01/23/20 09:37
Matrix: Water
Date Received: 01/24/20 10:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	592287	01/25/20 04:40	GMA	TAL IRV
Total/NA	Analysis	8015B		1	592329	01/25/20 20:55	HKC	TAL IRV
Total/NA	Prep	3510C			592379	01/27/20 06:27	L1H	TAL IRV
Total/NA	Analysis	8015B		1	592483	01/27/20 18:04	MPD	TAL IRV

Lab Chronicle

Client: Antea Group
Project/Site: ARCO 0465, Daly City

Job ID: 440-259702-1

Client Sample ID: MW-5D_20200123

Lab Sample ID: 440-259702-6

Date Collected: 01/23/20 16:30
Matrix: Water
Date Received: 01/24/20 10:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	592287	01/25/20 05:07	GMA	TAL IRV
Total/NA	Analysis	8015B		1	592329	01/25/20 21:24	HKC	TAL IRV
Total/NA	Prep	3510C			592379	01/27/20 06:27	L1H	TAL IRV
Total/NA	Analysis	8015B		1	592483	01/27/20 18:27	MPD	TAL IRV

Client Sample ID: V-14_20200123

Lab Sample ID: 440-259702-7

Date Collected: 01/23/20 17:15
Matrix: Water
Date Received: 01/24/20 10:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	592372	01/27/20 14:03	AI	TAL IRV
Total/NA	Analysis	8015B		1	592329	01/25/20 21:52	HKC	TAL IRV
Total/NA	Prep	3510C			592379	01/27/20 06:27	L1H	TAL IRV
Total/NA	Analysis	8015B		1	592483	01/27/20 19:15	MPD	TAL IRV

Client Sample ID: DUP-465-1_20200123

Lab Sample ID: 440-259702-8

Date Collected: 01/23/20 00:01
Matrix: Water
Date Received: 01/24/20 10:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	592372	01/27/20 14:30	AI	TAL IRV
Total/NA	Analysis	8015B		1	592329	01/25/20 22:21	HKC	TAL IRV
Total/NA	Prep	3510C			592379	01/27/20 06:27	L1H	TAL IRV
Total/NA	Analysis	8015B		1	592483	01/27/20 19:38	MPD	TAL IRV

Client Sample ID: TB-465

Lab Sample ID: 440-259702-9

Date Collected: 01/23/20 00:01
Matrix: Water
Date Received: 01/24/20 10:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	592372	01/27/20 18:09	AI	TAL IRV
Total/NA	Analysis	8015B		1	592329	01/25/20 18:33	HKC	TAL IRV

Laboratory References:

TAL IRV = Eurofins Calscience Irvine, 17461 Derian Ave, Suite 100, Irvine, CA 92614-5817, TEL (949)261-1022

Accreditation/Certification Summary

Client: Antea Group
Job ID: 440-259702-1
Project/Site: ARCO 0465, Daly City

Laboratory: Eurofins Calscience Irvine

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Program	Identification Number	Expiration Date
California	State	2706	06-30-20

The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.

Analysis Method	Prep Method	Matrix	Analyte
8015B		Water	GRO (C6-C12)
8015B	3510C	Water	n-Octacosane
8015B	3510C	Water	Stod.Sol. RO [C9-C13]
8260B		Water	1,2-Dibromoethane (EDB)
8260B		Water	1,2-Dichloroethane
8260B		Water	Benzene
8260B		Water	Ethanol
8260B		Water	Ethylbenzene
8260B		Water	Ethyl-t-butyl ether (ETBE)
8260B		Water	Isopropyl Ether (DIPE)
8260B		Water	m,p-Xylene
8260B		Water	Methyl-t-Butyl Ether (MTBE)
8260B		Water	Naphthalene
8260B		Water	o-Xylene
8260B		Water	Tert-amyl-methyl ether (TAME)
8260B		Water	tert-Butyl alcohol (TBA)
8260B		Water	Toluene
8260B		Water	Xylenes, Total

Method Summary

Client: Antea Group
Project/Site: ARCO 0465, Daly City

Job ID: 440-259702-1

Method	Method Description	Protocol	Laboratory
8260B	Volatile Organic Compounds (GC/MS)	SW846	TAL IRV
8015B	Gasoline Range Organics - (GC)	SW846	TAL IRV
8015B	Stoddard Solvent	SW846	TAL IRV
3510C	Liquid-Liquid Extraction (Separatory Funnel)	SW846	TAL IRV
5030B	Purge and Trap	SW846	TAL IRV

Protocol References:

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

TAL IRV = Eurofins Calscience Irvine, 17461 Derian Ave, Suite 100, Irvine, CA 92614-5817, TEL (949)261-1022

Sample Summary

Client: Antea Group
Project/Site: ARCO 0465, Daly City

Job ID: 440-259702-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Asset ID
440-259702-1	MW-2_20200123	Water	01/23/20 13:49	01/24/20 10:00	
440-259702-2	MW-4_20200123	Water	01/23/20 11:23	01/24/20 10:00	
440-259702-3	MW-7_20200123	Water	01/23/20 16:10	01/24/20 10:00	
440-259702-4	MW-16_20200123	Water	01/23/20 10:35	01/24/20 10:00	
440-259702-5	MW-4D_20200123	Water	01/23/20 09:37	01/24/20 10:00	
440-259702-6	MW-5D_20200123	Water	01/23/20 16:30	01/24/20 10:00	
440-259702-7	V-14_20200123	Water	01/23/20 17:15	01/24/20 10:00	
440-259702-8	DUP-465-1_20200123	Water	01/23/20 00:01	01/24/20 10:00	
440-259702-9	TB-465	Water	01/23/20 00:01	01/24/20 10:00	

Laboratory Management Program (LaMP) Chain of Custody Record
Soil, Sediment and Groundwater Samples

Page 1 of 5

BP Site Node Path: BP > USA > CA > SAN MATEO > 465 > PMPv4 > 1995 Release
Req Due Date (mm/dd/yy):
Rush TAT Yes ____ No X
BP/RM Facility No: ARCO No 00465
Lab Work Order Number:

Lab Name	TestAmerica	BP/ARC Facility Address	151 Southgate Ave	Consultant/Contractor	Antea Group
Lab Address	17461 Derian Ave , Ste 100, Irvine, CA 92614	City, State, ZIP Code	Daly City, CA, 94015	Consultant/Contractor Project No	00465EA191
Lab PM	Christian Bondoc	Lead Regulatory Agency	San Mateo County GPP	Address	11010 White Rock Road, Suite 140, Rancho Cordova, CA 95670
Lab Phone	949-261-1022	California Global ID No	T0608100027	Consultant/Contractor PM	Hannah Mishriki
Lab Shipping Accnt	FedEx # 1103-6633-7	Enfos Proposal No	009SB-0007/WR329286	Phone 610-390-7059	Email hannah.mishriki@anteagroup.com
Lab Bottle Order No		Accounting Mode Provision __X__	OOC-BU ____ OOC-RM ____	Send/Submit EDD to	See Special Instructions
Other Info		Stage 40	Activity 123	Invoice To	BP-RM ___X___ BP-Other ____

BP/RM PM	Wade Melton
PM Phone	360-594-7978
PM Email	wade.melton@bp.com

Requested Analyses

Lab No.	Unique Sample ID, must follow format of SAMPLENAMEYYYYMMDD Examples: MW01_20190101; BH01_3-5_20190101	Time	Depth Unit	Grab (G) or Composite (C)	Total Number of Containers	Matrix	GRO (C6-C12) by 8015B	Ethanol/BTEX/5 Oxys/Naphth by EPA 8260	EDB & 1,2-DCA by 8260	Stoddard Solvents by 8015B
	Filtered (Y/N)						N	N	N	N
	Preservation						N	N	N	N
	~~MW-1R_2020~~					GW	x	x	x	x
	MW-2_20200123	1349	A	G	7	GW	x	x	x	x
	MW-4_20200123	1123	A	G	7	GW	x	x	x	x
	~~MW-5_2020~~					GW	x	x	x	x
	~~MW-6_2020~~					GW	x	x	x	x
	MW-7_20200123	1010	A	G	7	GW	x	x	x	x
	~~MW-8_2020~~					GW	x	x	x	x
	~~MW-9_2020~~					GW	x	x	x	x
	MW-10_2020					GW	x	x	x	x
	~~MW-11R_2020~~					GW	x	x	x	x

Report Type & QC Level
Limited (Standard) Package ____
Limited Plus Package ____
Full Package ____

Comments

440-259702 Chain of Custody

CB 1/24/20

Sampler's Name	Elizabeth Diaz / Cole Kovacs	Relinquished By / Affiliation	Date	Time	Accepted By / Affiliation	Date	Time
Sampler's Company	Antea Group	[signature] / Antea Group	1/23	1955			
Ship Method	FedEx 1/23/20 Ship Date						
Shipment Tracking No	111997425939	111997428928			[signature] EC IRV	1/24/20	1000

Special Instructions: 5 Oxygenates to include TAME / TBA / DIPE / ETBE / MTBE Send EDD/EDF to AGDataView US@anteagroup.com, sandy.hayes@anteagroup.com, bryan.taylor@anteagroup.com, hannah.mishriki@anteagroup.com, ian.treat@anteagroup.com, jo.black@anteagroup.com, and lab.enfosdoc@bp.com

THIS LINE - LAB USE ONLY Custody Seals In Place Yes / No | Temp Blank Yes / No | Cooler Temp on Receipt 4.2/4.2 °F/C | Trip Blank Yes / No | MS/MSD Sample Submitted Yes / No

CB CB

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Property of BP and its Affiliates

Laboratory Management Program (LaMP) Chain of Custody Record
Soil, Sediment and Groundwater Samples

BP Site Node Path: BP > USA > CA > SAN MATEO > 465 > PMPv4 > 1995 Release
Req Due Date (mm/dd/yy): _____ Rush TAT Yes ____ No X
BP/RM Facility No: ARCO No. 00465
Lab Work Order Number: _____

Lab Name	TestAmerica	BP/ARC Facility Address	151 Southgate Ave	Consultant/Contractor	Antea Group
Lab Address	17461 Derian Ave , Ste 100, Irvine, CA 92614	City, State, ZIP Code	Daly City, CA, 94015	Consultant/Contractor Project No	00465EA191
Lab PM.	Christian Bondoc	Lead Regulatory Agency	San Mateo County GPP	Address	11010 White Rock Road, Suite 140, Rancho Cordova, CA 95670
Lab Phone	949-261-1022	California Global ID No .	T0608100027	Consultant/Contractor PM	Hannah Mishriki
Lab Shipping Accnt.	FedEx # 1103-6633-7	Enfos Proposal No	009SB-0007/WR329286	Phone 610-390-7059	Email hannah.mishriki@anteagroup.com
Lab Bottle Order No		Accounting Mode Provision __X__	OOC-BU _____ OOC-RM _____	Send/Submit EDD to	See Special Instructions
Other Info		Stage 40	Activity 123	Invoice To	BP-RM ___X___ BP-Other _____

BP/RM PM	Wade Melton	Requested Analyses	Report Type & QC Level
PM Phone	360-594-7978		Limited (Standard) Package ____
PM Email	wade.melton@bp.com		Limited Plus Package ____
			Full Package ____

Lab No.	Unique Sample ID, must follow format of SAMPLENAMEYYYYMMDD Examples: MW01_20190101; BH01_3-5_20190101	Time	Depth Unit	Grab (G) or Composite (C)	Total Number of Containers	Matrix	GRO (C6-C12) by 8015B	Ethanol/BTEX/5 Oxys/Naph by EPA 8260	EDB & 1,2-DCA by 8260	Stoddard Solvents by 8015B	Filtered (Y/N)	Preservation	Comments
	~~MW-12_2020~~					GW	x	x	x	x	N	N	
	~~MW-13_2020~~					GW	x	x	x	x	N	N	
	~~MW-14_2020~~					GW	x	x	x	x	N	N	
	~~MW-15_2020~~					GW	x	x	x	x	N	N	
	MW-16_2020 0123	1035	ft	G	7	GW	x	x	x	x	N	N	
	~~MW-17_2020~~					GW	x	x	x	x	N	N	
	~~MW-18_2020~~					GW	x	x	x	x	N	N	
	~~MW-19_2020~~					GW	x	x	x	x	N	N	
	~~MW-3D_2020~~					GW	x	x	x	x	N	N	
	MW-4D_2020 0123	0937	ft	G	7	GW	x	x	x	x	N	N	

	Relinquished By / Affiliation	Date	Time	Accepted By / Affiliation	Date	Time
Sampler's Name	FD / LK					
Sampler's Company	Antea Group					
Ship Method	FedEx 1/23/20 Ship Date					
Shipment Tracking No				EC IRV	1/24/20	1000

Special Instructions: 5 Oxygenates to include TAME / TBA / DIPE / ETBE / MTBE Send EDD/EDF to AGDataView US@anteagroup.com, sandy.hayes@anteagroup.com, bryan.taylor@anteagroup.com, hannah.mishriki@anteagroup.com, ian.treat@anteagroup.com, jo.black@anteagroup.com, and lab.enfosdoc@bp.com

THIS LINE - LAB USE ONLY Custody Seals In Place Yes / No | Temp Blank Yes / ~~No~~ LO | Cooler Temp on Receipt 4.8 | 4.8 °F/C 4.2 | 4.2 | Trip Blank Yes / ~~No~~ LO | MS/MSD Sample Submitted Yes / No

BP LaMP Soil/H2O COC March 2019

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Laboratory Management Program (LaMP) Chain of Custody Record
Soil, Sediment and Groundwater Samples

BP Site Node Path: BP > USA > CA > SAN MATEO > 465 > PMPv4 > 1995 Release
Req Due Date (mm/dd/yy): _____ Rush TAT Yes ____ No X
BP/RM Facility No: ARCO No. 00465
Lab Work Order Number: _____

Lab Name	TestAmerica	BP/ARC Facility Address	151 Southgate Ave	Consultant/Contractor	Antea Group
Lab Address	17461 Derian Ave , Ste 100, Irvine, CA 92614	City, State, ZIP Code	Daly City, CA, 94015	Consultant/Contractor Project No	00465EA191
Lab PM	Christian Bondoc	Lead Regulatory Agency	San Mateo County GPP	Address	11010 White Rock Road, Suite 140, Rancho Cordova, CA 95670
Lab Phone	949-261-1022	California Global ID No	T0608100027	Consultant/Contractor PM	Hannah Mishriki
Lab Shipping Accnt	FedEx # 1103-6633-7	Enfos Proposal No	009SB-0007/WR329286	Phone 610-390-7059	Email hannah.mishriki@anteagroup.com
Lab Bottle Order No		Accounting Mode Provision __X__	OOC-BU _____ OOC-RM _____	Send/Submit EDD to	See Special Instructions
Other Info		Stage 40	Activity 123	Invoice To	BP-RM ___X___ BP-Other _____

BP/RM PM	Wade Melton	Requested Analyses	Report Type & QC Level
PM Phone	360-594-7978		Limited (Standard) Package ____
PM Email	wade.melton@bp.com		Limited Plus Package ____
			Full Package ____

Lab No.	Unique Sample ID, must follow format of SAMPLENAMEYYYYMMDD Examples: MW01_20190101; BH01_3-5_20190101	Time	Depth Unit	Grab (G) or Composite (C)	Total Number of Containers	Matrix	GRO (C6-C12) by 8015B	Ethanol/BTEX/5 Oxys/Naph by EPA 8260	EDB & 1,2-DCA by 8260	Stoddard Solvents by 8015B	Comments
	Filtered (Y/N)						N	N	N	N	
	Preservation						N	N	N	N	
	MW-5D_20200123	1630	H	G	7	GW	x	x	x	x	
	MW-6D_2020					GW	x	x	x	x	
	MW-7D_2020					GW	x	x	x	x	
	MW-9D_2020					GW	x	x	x	x	
	MW-16D_20200123					GW	x	x	x	x	MS/MSD
	MW-18D_2020					GW	x	x	x	x	MS/MSD
	MW-19D_2020					GW	x	x	x	x	
	V-1_2020					GW	x	x	x	x	
	V-2_2020					GW	x	x	x	x	
	V-3_2020					GW	x	x	x	x	

Sampler's Name	EDJ/LC	Relinquished By / Affiliation	Date	Time	Accepted By / Affiliation	Date	Time
Sampler's Company	Antea Group						
Ship Method	FedEx 1/23/20 Ship Date				EC IRV	1/24/20	1000
Shipment Tracking No							

Special Instructions: 5 Oxygenates to include TAME / TBA / DIPE / ETBE / MTBE Send EDD/EDF to AGDataView US@anteagroup.com, sandy.hayes@anteagroup.com, bryan.taylor@anteagroup.com, hannah.mishriki@anteagroup.com, ian.treat@anteagroup.com, jo.black@anteagroup.com, and lab.enfosdoc@bp.com

THIS LINE - LAB USE ONLY Custody Seals in Place: Yes / No | Temp Blank: Yes / No | Cooler Temp on Receipt 4.8/4.6 °F/C | Trip Blank: Yes / No | MS/MSD Sample Submitted: Yes / No

LB 4.2/4.2 LB

BP LaMP Soil/H2O COC March 2019

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Laboratory Management Program (LaMP) Chain of Custody Record
Soil, Sediment and Groundwater Samples

BP Site Node Path: BP > USA > CA > SAN MATEO > 465 > PMPv4 > 1995 Release
Req Due Date (mm/dd/yy): _____ Rush TAT Yes ____ No X
BP/RM Facility No: ARCO No. 00465
Lab Work Order Number: _____

Lab Name	TestAmerica	BP/ARC Facility Address	151 Southgate Ave	Consultant/Contractor	Antea Group
Lab Address	17461 Derian Ave , Ste 100, Irvine, CA 92614	City, State, ZIP Code	Daly City, CA, 94015	Consultant/Contractor Project No	00465EA191
Lab PM	Christian Bondoc	Lead Regulatory Agency	San Mateo County GPP	Address	11010 White Rock Road, Suite 140, Rancho Cordova, CA 95670
Lab Phone	949-261-1022	California Global ID No	T0608100027	Consultant/Contractor PM	Hannah Mishriki
Lab Shipping Accnt	FedEx # 1103-6633-7	Enfos Proposal No	009SB-0007/WR329286	Phone 610-390-7059	Email hannah.mishriki@anteagroup.com
Lab Bottle Order No		Accounting Mode Provision __X__	OOC-BU _____ OOC-RM _____	Send/Submit EDD to	See Special Instructions
Other Info		Stage 40	Activity 123	Invoice To	BP-RM ___X___ BP-Other _____

BP/RM PM	Wade Melton
PM Phone	360-594-7978
PM Email	wade.melton@bp.com

Requested Analyses

Lab No.	Unique Sample ID, must follow format of SAMPLENAMEYYYYMMDD Examples: MW01_20190101; BH01_3-5_20190101	Time	Depth Unit	Grab (G) or Composite (C)	Total Number of Containers	Matrix	GRO (C6-C12) by 8015B	Ethanol/BTEX/5 Oxys/Naph by EPA 8260	EDB & 1,2-DCA by 8260	Stoddard Solvents by 8015B	Comments
						Filtered (Y/N)	N	N	N	N	
						Preservation	N	N	N	N	
	V-4_2020					GW	x	x	x	x	
	V-5_2020					GW	x	x	x	x	
	V-6_2020					GW	x	x	x	x	
	V-7_2020					GW	x	x	x	x	
	V-8_2020					GW	x	x	x	x	
	V-9_2020					GW	x	x	x	x	
	V-10_2020					GW	x	x	x	x	
	V-11_2020					GW	x	x	x	x	
	V-12_2020					GW	x	x	x	x	
	V-15_2020					GW	x	x	x	x	

Report Type & QC Level
Limited (Standard) Package ____
Limited Plus Package ____
Full Package ____

Sampler's Name	ED / CK	Relinquished By / Affiliation	Date	Time	Accepted By / Affiliation / Date / Time
Sampler's Company	Antea Group				
Ship Method	1/23/20 FedEx Ship Date				EC IRV 1/24/20 1000
Shipment Tracking No					

Special Instructions: 5 Oxygenates to include TAME / TBA / DIPE / ETBE / MTBE Send EDD/EDF to AGDataView US@anteagroup.com, sandy.hayes@anteagroup.com, bryan.taylor@anteagroup.com, hannah.mishriki@anteagroup.com, ian.kear@anteagroup.com, jo.black@anteagroup.com, and lab enfosdoc@bp.com

THIS LINE - LAB USE ONLY Custody Seals In Place: Yes / No | Temp Blank Yes / No | Cooler Temp on Receipt 4.8 4.8 °F/C | Trip Blank Yes / No | MS/MSD Sample Submitted: Yes / No

LB 4.2 4.2 LB

BP LaMP Soil/H2O COC March 2019

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Laboratory Management Program (LaMP) Chain of Custody Record
Soil, Sediment and Groundwater Samples

BP Site Node Path: BP > USA > CA > SAN MATEO > 465 > PMPv4 > 1995 Release
Req Due Date (mm/dd/yy):
Rush TAT Yes ____ No X
BP/RM Facility No: ARCO No. 00465
Lab Work Order Number:

Lab Name:	TestAmerica	BP/ARC Facility Address:	151 Southgate Ave	Consultant/Contractor:	Antea Group
Lab Address:	17461 Derian Ave., Ste 100, Irvine, CA 92614	City, State, ZIP Code:	Daly City, CA, 94015	Consultant/Contractor Project No.	00465EA191
Lab PM	Christian Bondoc	Lead Regulatory Agency:	San Mateo County GPP	Address:	11010 White Rock Road, Suite 140, Rancho Cordova, CA 95670
Lab Phone	949-261-1022	California Global ID No.:	T0608100027	Consultant/Contractor PM:	Hannah Mishriki
Lab Shipping Accnt:	FedEx # 1103-6633-7	Enfos Proposal No	009SB-0007/WR329286	Phone: 610-390-7059	Email: hannah.mishriki@anteagroup.com
Lab Bottle Order No.		Accounting Mode:	Provision __X__ OOC-BU ____ OOC-RM ____	Send/Submit EDD to	See Special Instructions
Other Info		Stage: 40	Activity 123	Invoice To:	BP-RM ___X___ BP-Other _____

BP/RM PM	Wade Melton	
PM Phone.	360-594-7978	
PM Email:	wade.melton@bp.com	

Requested Analyses

Filtered (Y/N)	N	N	N	N										
Preservation	N	N	N	N										

Report Type & QC Level

Limited (Standard) Package ____
Limited Plus Package ____
Full Package ____

Lab No.	Unique Sample ID, must follow format of SAMPLENAMEYYYYMMDD Examples: MW01_20190101; BH01_3-5_20190101	Time	Depth Unit	Grab (G) or Composite (C)	Total Number of Containers	Matrix	GRO (C6-C12) by 8015B	Ethanol/BTEX/5 Oxys/Napth by EPA 8260	EDB & 1,2-DCA by 8260	Stoddard Solvents by 8015B	Comments
	V-14_20200123	1715	ft	G	7	GW	x	x	x	x	
	DUP-465-1_20200123	—	ft	G	7	GW	x	x	x	x	
	DUP-465-2_20200	—				GW	x	x	x	x	
	TB-465_2020	—				W	x	x	x		

Sampler's Name:	LC / ED	**Relinquished By / Affiliation**	**Date**	**Time**	**Accepted By / Affiliation**	**Date**	**Time**
Sampler's Company:	Antea Group						
Ship Method:	FedEx 1/23/20 Ship Date:				EC IRV	1/24/20	1000
Shipment Tracking No							

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Login Sample Receipt Checklist

Client: Antea Group

Job Number: 440-259702-1

Login Number: 259702
List Number: 1
Creator: Bonta, Lucia F

List Source: Eurofins Irvine

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	True	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	N/A	Not Present
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

Rivera, Tiffany

From: Hannah Mishriki <Hannah.Mishriki@anteagroup.com>
Sent: Friday, January 24, 2020 4:09 PM
To: Rivera, Tiffany
Cc: AGDataView.us Antea Group; Bryan Taylor; Hannah Mishriki; Ian Treat; Jo Black; Katelynn Smith; Sandy Hayes; Stephen Harrington
Subject: Re: PLEASE READ: Eurofins Calscience sample confirmation files from 440-259702-1 ARCO 0465, Daly City

-External Email-

Hi Tiffany,

Yes please run the trip blanks that were included in the cooler for both 8260 VOCs and 8015 GRO.

Thanks,
Hannah

Hannah Mishriki, PE | Project Manager | USA
Antea®Group
Direct Office Line: (970) 292-1052 | Mobile: (610) 390-7059
3855 Precision Drive, Ste. 160, Loveland, Colorado 80538
hannah.mishriki@anteagroup.com | us.anteagroup.com
Member of Inogen® | www.inogenet.com

On Jan 24, 2020, at 5:01 PM, Tiffany Rivera <tiffany.rivera@testamericainc.com> wrote:

> Hello,
>
> Attached please find the sample confirmation files for job 440-259702-1; ARCO 0465, Daly City
>
> The chain of custody crossed out the trip blank but 12 unpreserved voa vials were received. Please confirm whether you would like to analyze this sample for VOCs by 8260 or GRO by 8015.
>
> Please feel free to contact me or your PM Christian Bondoc if you have any questions.
>
> Thank you.
>
> **Tiffany 1 Rivera**
> Project Manager Assistant
>
> Eurofins Calscience Irvine
>
> E-mail: tiffany.rivera@testamericainc.com

www.EurofinsUS.com

Reference: [440-580346]
Attachments: 3

<SmpLoginAckLimits_440-259702-1 [Std_Tal_Login_Limits].pdf>
<COC 440-259702 (202001241411).pdf>
<SampleLoginAck_440-259702-1 [Std_Tal_Login_Ack].pdf>

This e-mail is personal. For our full disclaimer, please visit http://www.anteagroup.com/confidentiality.

GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins Irvine Job No.: 440-259702-1

SDG No.:

Batch Number: 592287 Batch Start Date: 01/24/20 17:33 Batch Analyst: Alcasid, Gelico M

Batch Method: 8260B Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	Initial pH	VMW8260T1CCV1 00140	VMWNU8260ISS 00195	
MB 440-592287/5		8260B		10 mL	10 mL			5 uL	
440-259702-C-2	MW-4_20200123	8260B	T	10 mL	10 mL	7 SU		5 uL	
440-259702-C-2 MS	MW-4_20200123	8260B	T	10 mL	10 mL	7 SU	2 uL	5 uL	
440-259702-C-2 MSD	MW-4_20200123	8260B	T	10 mL	10 mL	7 SU	2 uL	5 uL	
440-259702-C-1	MW-2_20200123	8260B	T	10 mL	10 mL	7 SU		5 uL	
440-259702-C-3	MW-7_20200123	8260B	T	10 mL	10 mL	7 SU		5 uL	
440-259702-C-4	MW-16_20200123	8260B	T	10 mL	10 mL	7 SU		5 uL	
440-259702-C-5	MW-4D_20200123	8260B	T	10 mL	10 mL	6 SU		5 uL	
440-259702-C-6	MW-5D_20200123	8260B	T	10 mL	10 mL	7 SU		5 uL	
LCS 440-592287/1009		8260B		10 mL	10 mL		5 uL	5 uL	

Batch Notes	
pH Indicator ID	220416A
Pipette/Syringe/Dispenser ID	BT10ML / Voa - 02
Vial Lot Number	0217701E

Basis	Basis Description
T	Total/NA

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins Irvine Job No.: 440-259702-1

SDG No.:

Batch Number: 592372 Batch Start Date: 01/27/20 07:05 Batch Analyst: Ibasitas, Arnel

Batch Method: 8260B Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	Initial pH	VMW8260T1CCV1 00140	VMWNU8260ISS 00195	
MB 440-592372/6		8260B		10 mL	10 mL			5 uL	
440-259662-D-2 MS	CW-7C	8260B	T	10 mL	10 mL	<2 SU	2 uL	5 uL	
440-259662-D-2 MSD	CW-7C	8260B	T	10 mL	10 mL	<2 SU	2 uL	5 uL	
440-259662-D-2	CW-7C	8260B	T	10 mL	10 mL	<2 SU		5 uL	
440-259702-B-7	V-14_20200123	8260B	T	10 mL	10 mL	7 SU		5 uL	
440-259702-B-8	DUP-465-1_20200123	8260B	T	10 mL	10 mL	7 SU		5 uL	
440-259702-B-9	TB-465	8260B	T	10 mL	10 mL	7 SU		5 uL	
LCS 440-592372/1002		8260B		10 mL	10 mL		5 uL	5 uL	

Batch Notes	
pH Indicator ID	220416A
Pipette/Syringe/Dispenser ID	voa-01
Vial Lot Number	0103701E

Basis	Basis Description
T	Total/NA

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GASOLINE RANGE ORGANICS BATCH WORKSHEET

Lab Name: Eurofins Irvine Job No.: 440-259702-1

SDG No.:

Batch Number: 592329 Batch Start Date: 01/25/20 07:44 Batch Analyst: Coleman, Hailley K

Batch Method: 8015B Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	Initial pH	VG-LCSTPH1000 00468	VG-SURR500PPM 00022	
LCS 440-592329/12		8015B		10 mL	10 mL	n/a SU	8 uL	1 uL	
MB 440-592329/13		8015B		10 mL	10 mL	n/a SU		1 uL	
440-259440-A-1	CW-10B2	8015B	T	10 mL	10 mL	<2 SU		1 uL	
440-259440-A-1 MS	CW-10B2	8015B	T	10 mL	10 mL	<2 SU	8 uL	1 uL	
440-259440-A-1 MSD	CW-10B2	8015B	T	10 mL	10 mL	<2 SU	8 uL	1 uL	
440-259702-A-9	TB-465	8015B	T	10 mL	10 mL	7 SU		1 uL	
440-259702-A-1	MW-2_20200123	8015B	T	10 mL	10 mL	7 SU		1 uL	
440-259702-A-2	MW-4_20200123	8015B	T	10 mL	10 mL	7 SU		1 uL	
440-259702-A-3	MW-7_20200123	8015B	T	10 mL	10 mL	7 SU		1 uL	
440-259702-A-4	MW-16_20200123	8015B	T	10 mL	10 mL	7 SU		1 uL	
440-259702-A-5	MW-4D_20200123	8015B	T	10 mL	10 mL	7 SU		1 uL	
440-259702-A-6	MW-5D_20200123	8015B	T	10 mL	10 mL	7 SU		1 uL	
440-259702-A-7	V-14_20200123	8015B	T	10 mL	10 mL	7 SU		1 uL	
440-259702-A-8	DUP-465-1_20200123	8015B	T	10 mL	10 mL	7 SU		1 uL	

Batch Notes	
pH Indicator ID	HC991818/220416A
Pipette/Syringe/Dispenser ID	BT10ML/VOA-03/02-681-412
Vial Lot Number	0217701E

Basis	Basis Description
T	Total/NA

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

DIESEL RANGE ORGANICS BATCH WORKSHEET

Lab Name: Eurofins Irvine Job No.: 440-259702-1

SDG No.:

Batch Number: 592379 Batch Start Date: 01/27/20 06:27 Batch Analyst: Herrera, Lizette 1

Batch Method: 3510C Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Basis	GrossWeight	TareWeight	InitialAmount	FinalAmount	ReceivedpH	gc8015dslLCSA 00121
MB 440-592379/1		3510C, 8015B				1000 mL	1 mL	6 SU	
LCS 440-592379/2		3510C, 8015B				1000 mL	1 mL	6 SU	1 mL
LCSD 440-592379/3		3510C, 8015B				1000 mL	1 mL	6 SU	1 mL
440-259702-G-1	MW-2_20200123	3510C, 8015B	T	1570 g	0520 g	1050 mL	1 mL	6 SU	
440-259702-G-2	MW-4_20200123	3510C, 8015B	T	1575 g	0520 g	1055 mL	1 mL	6 SU	
440-259702-G-3	MW-7_20200123	3510C, 8015B	T	1570 g	0515 g	1055 mL	1 mL	6 SU	
440-259702-G-4	MW-16_20200123	3510C, 8015B	T	1565 g	0520 g	1045 mL	1 mL	6 SU	
440-259702-G-5	MW-4D_20200123	3510C, 8015B	T	1565 g	0515 g	1050 mL	1 mL	6 SU	
440-259702-G-6	MW-5D_20200123	3510C, 8015B	T	1565 g	0525 g	1040 mL	1 mL	6 SU	
440-259702-G-7	V-14_20200123	3510C, 8015B	T	1570 g	0520 g	1050 mL	1 mL	6 SU	
440-259702-G-8	DUP-465-1_20200123	3510C, 8015B	T	1570 g	0525 g	1045 mL	1 mL	6 SU	

Lab Sample ID	Client Sample ID	Method Chain	Basis	gc8015dslSURR 00101	AnalysisComment				
MB 440-592379/1		3510C, 8015B		0.2 mL					
LCS 440-592379/2		3510C, 8015B		0.2 mL					
LCSD 440-592379/3		3510C, 8015B		0.2 mL					
440-259702-G-1	MW-2_20200123	3510C, 8015B	T	0.2 mL	Light yellow (Hexane rinsed by accident)				
440-259702-G-2	MW-4_20200123	3510C, 8015B	T	0.2 mL	Light yellow				
440-259702-G-3	MW-7_20200123	3510C, 8015B	T	0.2 mL	Light yellow				
440-259702-G-4	MW-16_20200123	3510C, 8015B	T	0.2 mL	Light yellow				
440-259702-G-5	MW-4D_20200123	3510C, 8015B	T	0.2 mL	Light yellow				
440-259702-G-6	MW-5D_20200123	3510C, 8015B	T	0.2 mL	Cloudy				
440-259702-G-7	V-14_20200123	3510C, 8015B	T	0.2 mL	Light yellow (Hexane rinsed by accident)				
440-259702-G-8	DUP-465-1_20200123	3510C, 8015B	T	0.2 mL	Light yellow				

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

DIESEL RANGE ORGANICS BATCH WORKSHEET

Lab Name: Eurofins Irvine Job No.: 440-259702-1

SDG No.:

Batch Number: 592379 Batch Start Date: 01/27/20 06:27 Batch Analyst: Herrera, Lizette 1

Batch Method: 3510C Batch End Date:

Batch Notes	
Balance ID	68
Batch Comment	8015B
Analyst ID - Concentration	LH LA
Concentration 1 Corrected Temperature	35 Degrees C
Equipment ID - Concentration 1	TV 02 13 08 11
Analyst ID - Extraction	LH
Filter ID	Sartorius 19-107
Method/Fraction	8015B
Na2SO4 ID	5876203
pH Indicator ID	HC989495
Pipette/Syringe/Dispenser ID	9"Disposable / 040319500A 1203181000A
Prep Solvent ID	DCM 6011538
Prep Solvent Volume Used	180 mL
Analyst ID - Spike Analyst	LH
Sufficient Volume for Batch QC	Yes
Concentration 1 Uncorrected Temperature	35 Degrees C
Vial Lot Number	Thermo Scientific 19096222
Reagent Water ID	Nano pure water

Basis	Basis Description
T	Total/NA

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

Is the Data Valid? (circle) Yes / No	Preservation Temperature (if Known): 4.2 ~~4.8~~ ºC (2 coolers)

Antea®Group Lab Validation Sheet

Project/Client: BP
Project #: 00465EA191
Date of Validation: 2/6/2020
Completed By: Katelynn Smith **Signature:** Katelynn Smith
Analytical Lab Used and Report # (if any): J259702

	Circle or Highlight Yes/No below
1. Was the analysis the one requested?	Yes / No
2. Do the sample number(s) on the chain-of-custody (COC) match the one(s) that appear on the laboratory data sheet?	Yes / No
3. Were samples prepared (extracted, filtered, etc.) within EPA holding times?	Yes / No
4. Once prepared/extracted, were the samples analyzed within the EPA holding times?	Yes / No
5. Were Laboratory blanks performed, if so, were they below non-detect?	Yes / No
6. Are the units correct? (i.e., soil samples in mg/kg or ug/g, water samples mg/L, ug/L, and air samples in volume mg/m^3,etc.)	Yes / No
7. Were appropriate Matrix Spike (MS) and Matrix Spike Duplicate (MSD) samples included in the laboratory batch sample?	Yes / No
8. In lieu of MS/ MSD, were surrogate spike (SS) or surrogate spike duplicate (SSD) samples included in the laboratory batch samples?	Yes / No
9. Were MS/ MSD (or SS/SSD) within the acceptable range of % recovery (i.e., approx 80-120% depending on analyte)?	Yes / No
10. Were MS/MSD (or SS/SSD) values used to calculate Relative Percent Difference (RPD)?	Yes / No
11. Were Relative Percent Difference values within the acceptable range (i.e. ± 25%)?	Yes / No

If any answer is no, explain why and what corrective action was taken:

The laboratory noted the following qualifier(s) in the lab report:

ANALYTICAL REPORT

Eurofins Calscience Irvine
17461 Derian Ave
Suite 100
Irvine, CA 92614-5817
Tel: (949)261-1022

Laboratory Job ID: 440-259756-1
Client Project/Site: ARCO 0465, Daly City

For:
Antea Group
11010 White Rock Road
Suite 140
Rancho Cordova, California 95670

Attn: Hannah Mishriki



Authorized for release by:
1/29/2020 4:02:55 PM

Christian Bondoc, Project Manager I
(949)260-3218
christian.bondoc@testamericainc.com

This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Results relate only to the items tested and the sample(s) as received by the laboratory.

The results listed within this Laboratory Report pertain only to the samples tested in the laboratory. The analyses contained in this report were performed in accordance with the BPLAMP Technical Specifications, applicable federal, state, local regulations and certification requirements as well as the methodologies as described in laboratory SOPs reviewed by the BPLAMP. This Laboratory Report is confidential and is intended for the sole use of Eurofins TestAmerica and its client. This report shall not be reproduced, except in full, without written permission from TestAmerica. The signature on the cover page extends to the case narrative and all the data and forms in the package. The Chain of Custody is included and is an integral part of this report.



Christian Bondoc
Project Manager I
1/29/2020 4:02:55 PM

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Definitions/Glossary

Client: Antea Group
Project/Site: ARCO 0465, Daly City

Job ID: 440-259756-1

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
¤	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
PQL	Practical Quantitation Limit
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)

Job ID: 440-259756-1

Laboratory: Eurofins Calscience Irvine

Narrative

Job Narrative
440-259756-1

Comments
No additional comments.

Receipt
The samples were received on 1/25/2020 10:45 AM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperature of the cooler at receipt was 2.3º C.

GC/MS VOA
No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

GC VOA
No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

GC Semi VOA
Method 8015B: Insufficient 8015-DRO sample volume was available to perform a matrix spike/matrix spike duplicate (MS/MSD) associated with preparation batch 440-592379 and analytical batch 440-592483. The laboratory control sample (LCS) was performed in duplicate to provide precision data for this batch: (LCS 440-592379/2-A)

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

Organic Prep
Method 3510C: Insufficient sample volume was available to perform a matrix spike/matrix spike duplicate (MS/MSD) associated with preparation batch 440-592379 and 440-592379. Method 8015B

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

VOA Prep
No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

Detection Summary

Client: Antea Group
Project/Site: ARCO 0465, Daly City

Job ID: 440-259756-1

Client Sample ID: MW-6_20200124 — Lab Sample ID: 440-259756-1

Analyte	Result	Qualifier	RL		Unit	Dil Fac	D	Method	Prep Type
Methyl-t-Butyl Ether (MTBE)	67		0.50		ug/L	1		8260B	Total/NA
tert-Butyl alcohol (TBA)	240		10		ug/L	1		8260B	Total/NA

Client Sample ID: MW-8_20200124 — Lab Sample ID: 440-259756-2

No Detections.

Client Sample ID: MW-19_20200124 — Lab Sample ID: 440-259756-3

No Detections.

Client Sample ID: MW-19D_20200124 — Lab Sample ID: 440-259756-4

No Detections.

Client Sample ID: DUP-465-2_20200124 — Lab Sample ID: 440-259756-5

No Detections.

Client Sample ID: TB-465_20200124 — Lab Sample ID: 440-259756-6

No Detections.

Client Sample ID: MW-3D_20200124 — Lab Sample ID: 440-259756-7

Analyte	Result	Qualifier	RL		Unit	Dil Fac	D	Method	Prep Type
Methyl-t-Butyl Ether (MTBE)	2.6		0.50		ug/L	1		8260B	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: MW-6_20200124

Lab Sample ID: 440-259756-1

Date Collected: 01/24/20 16:01

Matrix: Water

Date Received: 01/25/20 10:45

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromoethane (EDB)	ND		0.50		ug/L			01/27/20 14:57	1
1,2-Dichloroethane	ND		0.50		ug/L			01/27/20 14:57	1
Benzene	ND		0.50		ug/L			01/27/20 14:57	1
Ethanol	ND		150		ug/L			01/27/20 14:57	1
Ethylbenzene	ND		0.50		ug/L			01/27/20 14:57	1
Ethyl-t-butyl ether (ETBE)	ND		0.50		ug/L			01/27/20 14:57	1
Isopropyl Ether (DIPE)	ND		0.50		ug/L			01/27/20 14:57	1
m,p-Xylene	ND		1.0		ug/L			01/27/20 14:57	1
Methyl-t-Butyl Ether (MTBE)	**67**		0.50		ug/L			01/27/20 14:57	1
Naphthalene	ND		1.0		ug/L			01/27/20 14:57	1
o-Xylene	ND		0.50		ug/L			01/27/20 14:57	1
Tert-amyl-methyl ether (TAME)	ND		0.50		ug/L			01/27/20 14:57	1
tert-Butyl alcohol (TBA)	**240**		10		ug/L			01/27/20 14:57	1
Toluene	ND		0.50		ug/L			01/27/20 14:57	1
Xylenes, Total	ND		1.0		ug/L			01/27/20 14:57	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*104*		*80 - 120*		*01/27/20 14:57*	*1*
Dibromofluoromethane (Surr)	*100*		*76 - 132*		*01/27/20 14:57*	*1*
Toluene-d8 (Surr)	*107*		*80 - 128*		*01/27/20 14:57*	*1*

Method: 8015B - Gasoline Range Organics - (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
GRO (C6-C12)	ND		50		ug/L			01/28/20 18:27	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*96*		*65 - 140*		*01/28/20 18:27*	*1*

Method: 8015B - Stoddard Solvent

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Stod.Sol. RO [C9-C13]	ND		0.048		mg/L		01/27/20 06:27	01/27/20 20:02	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
n-Octacosane	*79*		*45 - 120*	*01/27/20 06:27*	*01/27/20 20:02*	*1*

Client Sample ID: MW-8_20200124

Lab Sample ID: 440-259756-2

Date Collected: 01/24/20 14:04

Matrix: Water

Date Received: 01/25/20 10:45

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromoethane (EDB)	ND		0.50		ug/L			01/27/20 15:25	1
1,2-Dichloroethane	ND		0.50		ug/L			01/27/20 15:25	1
Benzene	ND		0.50		ug/L			01/27/20 15:25	1
Ethanol	ND		150		ug/L			01/27/20 15:25	1
Ethylbenzene	ND		0.50		ug/L			01/27/20 15:25	1
Ethyl-t-butyl ether (ETBE)	ND		0.50		ug/L			01/27/20 15:25	1
Isopropyl Ether (DIPE)	ND		0.50		ug/L			01/27/20 15:25	1
m,p-Xylene	ND		1.0		ug/L			01/27/20 15:25	1
Methyl-t-Butyl Ether (MTBE)	ND		0.50		ug/L			01/27/20 15:25	1
Naphthalene	ND		1.0		ug/L			01/27/20 15:25	1

Client Sample ID: MW-8_20200124

Lab Sample ID: 440-259756-2

Date Collected: 01/24/20 14:04

Matrix: Water

Date Received: 01/25/20 10:45

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
o-Xylene	ND		0.50		ug/L			01/27/20 15:25	1
Tert-amyl-methyl ether (TAME)	ND		0.50		ug/L			01/27/20 15:25	1
tert-Butyl alcohol (TBA)	ND		10		ug/L			01/27/20 15:25	1
Toluene	ND		0.50		ug/L			01/27/20 15:25	1
Xylenes, Total	ND		1.0		ug/L			01/27/20 15:25	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*100*		*80 - 120*		*01/27/20 15:25*	*1*
Dibromofluoromethane (Surr)	*103*		*76 - 132*		*01/27/20 15:25*	*1*
Toluene-d8 (Surr)	*107*		*80 - 128*		*01/27/20 15:25*	*1*

Method: 8015B - Gasoline Range Organics - (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
GRO (C6-C12)	ND		50		ug/L			01/28/20 13:49	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*99*		*65 - 140*		*01/28/20 13:49*	*1*

Method: 8015B - Stoddard Solvent

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Stod.Sol. RO [C9-C13]	ND		0.048		mg/L		01/27/20 06:27	01/27/20 20:26	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
n-Octacosane	*82*		*45 - 120*	*01/27/20 06:27*	*01/27/20 20:26*	*1*

Client Sample ID: MW-19_20200124

Lab Sample ID: 440-259756-3

Date Collected: 01/24/20 11:32

Matrix: Water

Date Received: 01/25/20 10:45

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromoethane (EDB)	ND		0.50		ug/L			01/27/20 15:52	1
1,2-Dichloroethane	ND		0.50		ug/L			01/27/20 15:52	1
Benzene	ND		0.50		ug/L			01/27/20 15:52	1
Ethanol	ND		150		ug/L			01/27/20 15:52	1
Ethylbenzene	ND		0.50		ug/L			01/27/20 15:52	1
Ethyl-t-butyl ether (ETBE)	ND		0.50		ug/L			01/27/20 15:52	1
Isopropyl Ether (DIPE)	ND		0.50		ug/L			01/27/20 15:52	1
m,p-Xylene	ND		1.0		ug/L			01/27/20 15:52	1
Methyl-t-Butyl Ether (MTBE)	ND		0.50		ug/L			01/27/20 15:52	1
Naphthalene	ND		1.0		ug/L			01/27/20 15:52	1
o-Xylene	ND		0.50		ug/L			01/27/20 15:52	1
Tert-amyl-methyl ether (TAME)	ND		0.50		ug/L			01/27/20 15:52	1
tert-Butyl alcohol (TBA)	ND		10		ug/L			01/27/20 15:52	1
Toluene	ND		0.50		ug/L			01/27/20 15:52	1
Xylenes, Total	ND		1.0		ug/L			01/27/20 15:52	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*103*		*80 - 120*		*01/27/20 15:52*	*1*
Dibromofluoromethane (Surr)	*101*		*76 - 132*		*01/27/20 15:52*	*1*
Toluene-d8 (Surr)	*107*		*80 - 128*		*01/27/20 15:52*	*1*

Client Sample ID: MW-19_20200124

Lab Sample ID: 440-259756-3

Date Collected: 01/24/20 11:32

Matrix: Water

Date Received: 01/25/20 10:45

Method: 8015B - Gasoline Range Organics - (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
GRO (C6-C12)	ND		50		ug/L			01/28/20 15:19	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*100*		*65 - 140*		*01/28/20 15:19*	*1*

Method: 8015B - Stoddard Solvent

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Stod.Sol. RO [C9-C13]	ND		0.047		mg/L		01/27/20 06:27	01/27/20 20:50	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
n-Octacosane	*71*		*45 - 120*	*01/27/20 06:27*	*01/27/20 20:50*	*1*

Client Sample ID: MW-19D_20200124

Lab Sample ID: 440-259756-4

Date Collected: 01/24/20 09:27

Matrix: Water

Date Received: 01/25/20 10:45

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromoethane (EDB)	ND		0.50		ug/L			01/27/20 16:20	1
1,2-Dichloroethane	ND		0.50		ug/L			01/27/20 16:20	1
Benzene	ND		0.50		ug/L			01/27/20 16:20	1
Ethanol	ND		150		ug/L			01/27/20 16:20	1
Ethylbenzene	ND		0.50		ug/L			01/27/20 16:20	1
Ethyl-t-butyl ether (ETBE)	ND		0.50		ug/L			01/27/20 16:20	1
Isopropyl Ether (DIPE)	ND		0.50		ug/L			01/27/20 16:20	1
m,p-Xylene	ND		1.0		ug/L			01/27/20 16:20	1
Methyl-t-Butyl Ether (MTBE)	ND		0.50		ug/L			01/27/20 16:20	1
Naphthalene	ND		1.0		ug/L			01/27/20 16:20	1
o-Xylene	ND		0.50		ug/L			01/27/20 16:20	1
Tert-amyl-methyl ether (TAME)	ND		0.50		ug/L			01/27/20 16:20	1
tert-Butyl alcohol (TBA)	ND		10		ug/L			01/27/20 16:20	1
Toluene	ND		0.50		ug/L			01/27/20 16:20	1
Xylenes, Total	ND		1.0		ug/L			01/27/20 16:20	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*101*		*80 - 120*		*01/27/20 16:20*	*1*
Dibromofluoromethane (Surr)	*100*		*76 - 132*		*01/27/20 16:20*	*1*
Toluene-d8 (Surr)	*106*		*80 - 128*		*01/27/20 16:20*	*1*

Method: 8015B - Gasoline Range Organics - (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
GRO (C6-C12)	ND		50		ug/L			01/28/20 15:49	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*93*		*65 - 140*		*01/28/20 15:49*	*1*

Method: 8015B - Stoddard Solvent

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Stod.Sol. RO [C9-C13]	ND		0.047		mg/L		01/27/20 06:27	01/27/20 21:13	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
n-Octacosane	*73*		*45 - 120*	*01/27/20 06:27*	*01/27/20 21:13*	*1*

Client Sample ID: DUP-465-2_20200124

Lab Sample ID: 440-259756-5

Date Collected: 01/24/20 00:01
Matrix: Water
Date Received: 01/25/20 10:45

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromoethane (EDB)	ND		0.50		ug/L			01/27/20 16:47	1
1,2-Dichloroethane	ND		0.50		ug/L			01/27/20 16:47	1
Benzene	ND		0.50		ug/L			01/27/20 16:47	1
Ethanol	ND		150		ug/L			01/27/20 16:47	1
Ethylbenzene	ND		0.50		ug/L			01/27/20 16:47	1
Ethyl-t-butyl ether (ETBE)	ND		0.50		ug/L			01/27/20 16:47	1
Isopropyl Ether (DIPE)	ND		0.50		ug/L			01/27/20 16:47	1
m,p-Xylene	ND		1.0		ug/L			01/27/20 16:47	1
Methyl-t-Butyl Ether (MTBE)	ND		0.50		ug/L			01/27/20 16:47	1
Naphthalene	ND		1.0		ug/L			01/27/20 16:47	1
o-Xylene	ND		0.50		ug/L			01/27/20 16:47	1
Tert-amyl-methyl ether (TAME)	ND		0.50		ug/L			01/27/20 16:47	1
tert-Butyl alcohol (TBA)	ND		10		ug/L			01/27/20 16:47	1
Toluene	ND		0.50		ug/L			01/27/20 16:47	1
Xylenes, Total	ND		1.0		ug/L			01/27/20 16:47	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*102*		*80 - 120*		*01/27/20 16:47*	*1*
Dibromofluoromethane (Surr)	*103*		*76 - 132*		*01/27/20 16:47*	*1*
Toluene-d8 (Surr)	*107*		*80 - 128*		*01/27/20 16:47*	*1*

Method: 8015B - Gasoline Range Organics - (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
GRO (C6-C12)	ND		50		ug/L			01/28/20 17:28	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*97*		*65 - 140*		*01/28/20 17:28*	*1*

Method: 8015B - Stoddard Solvent

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Stod.Sol. RO [C9-C13]	ND		0.047		mg/L		01/27/20 06:27	01/27/20 21:37	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
n-Octacosane	*75*		*45 - 120*	*01/27/20 06:27*	*01/27/20 21:37*	*1*

Client Sample ID: TB-465_20200124

Lab Sample ID: 440-259756-6

Date Collected: 01/24/20 00:01
Matrix: Water
Date Received: 01/25/20 10:45

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromoethane (EDB)	ND		0.50		ug/L			01/27/20 17:15	1
1,2-Dichloroethane	ND		0.50		ug/L			01/27/20 17:15	1
Benzene	ND		0.50		ug/L			01/27/20 17:15	1
Ethanol	ND		150		ug/L			01/27/20 17:15	1
Ethylbenzene	ND		0.50		ug/L			01/27/20 17:15	1
Ethyl-t-butyl ether (ETBE)	ND		0.50		ug/L			01/27/20 17:15	1
Isopropyl Ether (DIPE)	ND		0.50		ug/L			01/27/20 17:15	1
m,p-Xylene	ND		1.0		ug/L			01/27/20 17:15	1
Methyl-t-Butyl Ether (MTBE)	ND		0.50		ug/L			01/27/20 17:15	1
Naphthalene	ND		1.0		ug/L			01/27/20 17:15	1

Client Sample ID: TB-465_20200124

Lab Sample ID: 440-259756-6

Date Collected: 01/24/20 00:01
Matrix: Water
Date Received: 01/25/20 10:45

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
o-Xylene	ND		0.50		ug/L			01/27/20 17:15	1
Tert-amyl-methyl ether (TAME)	ND		0.50		ug/L			01/27/20 17:15	1
tert-Butyl alcohol (TBA)	ND		10		ug/L			01/27/20 17:15	1
Toluene	ND		0.50		ug/L			01/27/20 17:15	1
Xylenes, Total	ND		1.0		ug/L			01/27/20 17:15	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*101*		*80 - 120*		*01/27/20 17:15*	*1*
Dibromofluoromethane (Surr)	*101*		*76 - 132*		*01/27/20 17:15*	*1*
Toluene-d8 (Surr)	*109*		*80 - 128*		*01/27/20 17:15*	*1*

Method: 8015B - Gasoline Range Organics - (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
GRO (C6-C12)	ND		50		ug/L			01/28/20 13:19	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*86*		*65 - 140*		*01/28/20 13:19*	*1*

Client Sample ID: MW-3D_20200124

Lab Sample ID: 440-259756-7

Date Collected: 01/24/20 09:30
Matrix: Water
Date Received: 01/25/20 10:45

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromoethane (EDB)	ND		0.50		ug/L			01/27/20 17:42	1
1,2-Dichloroethane	ND		0.50		ug/L			01/27/20 17:42	1
Benzene	ND		0.50		ug/L			01/27/20 17:42	1
Ethanol	ND		150		ug/L			01/27/20 17:42	1
Ethylbenzene	ND		0.50		ug/L			01/27/20 17:42	1
Ethyl-t-butyl ether (ETBE)	ND		0.50		ug/L			01/27/20 17:42	1
Isopropyl Ether (DIPE)	ND		0.50		ug/L			01/27/20 17:42	1
m,p-Xylene	ND		1.0		ug/L			01/27/20 17:42	1
Methyl-t-Butyl Ether (MTBE)	**2.6**		0.50		ug/L			01/27/20 17:42	1
Naphthalene	ND		1.0		ug/L			01/27/20 17:42	1
o-Xylene	ND		0.50		ug/L			01/27/20 17:42	1
Tert-amyl-methyl ether (TAME)	ND		0.50		ug/L			01/27/20 17:42	1
tert-Butyl alcohol (TBA)	ND		10		ug/L			01/27/20 17:42	1
Toluene	ND		0.50		ug/L			01/27/20 17:42	1
Xylenes, Total	ND		1.0		ug/L			01/27/20 17:42	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*102*		*80 - 120*		*01/27/20 17:42*	*1*
Dibromofluoromethane (Surr)	*101*		*76 - 132*		*01/27/20 17:42*	*1*
Toluene-d8 (Surr)	*107*		*80 - 128*		*01/27/20 17:42*	*1*

Method: 8015B - Gasoline Range Organics - (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
GRO (C6-C12)	ND		50		ug/L			01/28/20 17:57	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*95*		*65 - 140*		*01/28/20 17:57*	*1*

Client: Antea Group
Project/Site: ARCO 0465, Daly City

Job ID: 440-259756-1

Client Sample ID: MW-3D_20200124
Date Collected: 01/24/20 09:30
Date Received: 01/25/20 10:45

Lab Sample ID: 440-259756-7
Matrix: Water

Method: 8015B - Stoddard Solvent

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Stod.Sol. RO [C9-C13]	ND		0.048		mg/L		01/27/20 06:27	01/27/20 22:01	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
n-Octacosane	*79*		*45 - 120*	*01/27/20 06:27*	*01/27/20 22:01*	*1*

Surrogate Summary

Client: Antea Group
Project/Site: ARCO 0465, Daly City

Job ID: 440-259756-1

Method: 8260B - Volatile Organic Compounds (GC/MS)

Matrix: Water — **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)		
Lab Sample ID	Client Sample ID	BFB (80-120)	DBFM (76-132)	TOL (80-128)
440-259662-D-2 MS	Matrix Spike	97	100	104
440-259662-D-2 MSD	Matrix Spike Duplicate	98	102	104
440-259756-1	MW-6_20200124	104	100	107
440-259756-2	MW-8_20200124	100	103	107
440-259756-3	MW-19_20200124	103	101	107
440-259756-4	MW-19D_20200124	101	100	106
440-259756-5	DUP-465-2_20200124	102	103	107
440-259756-6	TB-465_20200124	101	101	109
440-259756-7	MW-3D_20200124	102	101	107
LCS 440-592372/1002	Lab Control Sample	96	98	102
MB 440-592372/6	Method Blank	101	100	106

Surrogate Legend

BFB = 4-Bromofluorobenzene (Surr)
DBFM = Dibromofluoromethane (Surr)
TOL = Toluene-d8 (Surr)

Method: 8015B - Gasoline Range Organics - (GC)

Matrix: Water — **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)
Lab Sample ID	Client Sample ID	BFB1 (65-140)
440-259756-1	MW-6_20200124	96
440-259756-2	MW-8_20200124	99
440-259756-2 MS	MW-8_20200124	107
440-259756-2 MSD	MW-8_20200124	108
440-259756-3	MW-19_20200124	100
440-259756-4	MW-19D_20200124	93
440-259756-5	DUP-465-2_20200124	97
440-259756-6	TB-465_20200124	86
440-259756-7	MW-3D_20200124	95
LCS 440-592626/5	Lab Control Sample	101
MB 440-592626/6	Method Blank	93

Surrogate Legend

BFB = 4-Bromofluorobenzene (Surr)

Method: 8015B - Stoddard Solvent

Matrix: Water — **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)
Lab Sample ID	Client Sample ID	OTCN1 (45-120)
440-259756-1	MW-6_20200124	79
440-259756-2	MW-8_20200124	82
440-259756-3	MW-19_20200124	71
440-259756-4	MW-19D_20200124	73
440-259756-5	DUP-465-2_20200124	75
440-259756-7	MW-3D_20200124	79
LCS 440-592379/2-A	Lab Control Sample	75

Surrogate Summary

Client: Antea Group
Job ID: 440-259756-1
Project/Site: ARCO 0465, Daly City

Method: 8015B - Stoddard Solvent (Continued)

Matrix: Water
Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)							
Lab Sample ID	Client Sample ID	OTCN1 (45-120)							
LCSD 440-592379/3-A	Lab Control Sample Dup	76							
MB 440-592379/1-A	Method Blank	78							

Surrogate Legend

OTCN = n-Octacosane

Method: 8260B - Volatile Organic Compounds (GC/MS)

Lab Sample ID: MB 440-592372/6
Matrix: Water
Analysis Batch: 592372

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromoethane (EDB)	ND		0.50		ug/L			01/27/20 09:48	1
1,2-Dichloroethane	ND		0.50		ug/L			01/27/20 09:48	1
Benzene	ND		0.50		ug/L			01/27/20 09:48	1
Ethanol	ND		150		ug/L			01/27/20 09:48	1
Ethylbenzene	ND		0.50		ug/L			01/27/20 09:48	1
Ethyl-t-butyl ether (ETBE)	ND		0.50		ug/L			01/27/20 09:48	1
Isopropyl Ether (DIPE)	ND		0.50		ug/L			01/27/20 09:48	1
m,p-Xylene	ND		1.0		ug/L			01/27/20 09:48	1
Methyl-t-Butyl Ether (MTBE)	ND		0.50		ug/L			01/27/20 09:48	1
Naphthalene	ND		1.0		ug/L			01/27/20 09:48	1
o-Xylene	ND		0.50		ug/L			01/27/20 09:48	1
Tert-amyl-methyl ether (TAME)	ND		0.50		ug/L			01/27/20 09:48	1
tert-Butyl alcohol (TBA)	ND		10		ug/L			01/27/20 09:48	1
Toluene	ND		0.50		ug/L			01/27/20 09:48	1
Xylenes, Total	ND		1.0		ug/L			01/27/20 09:48	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*101*		*80 - 120*		*01/27/20 09:48*	*1*
Dibromofluoromethane (Surr)	*100*		*76 - 132*		*01/27/20 09:48*	*1*
Toluene-d8 (Surr)	*106*		*80 - 128*		*01/27/20 09:48*	*1*

Lab Sample ID: LCS 440-592372/1002
Matrix: Water
Analysis Batch: 592372

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
1,2-Dibromoethane (EDB)			25.0	25.1		ug/L		101	70 - 130		
1,2-Dichloroethane			25.0	21.6		ug/L		87	57 - 138		
Benzene			25.0	22.8		ug/L		91	68 - 130		
Ethanol			1250	1210		ug/L		97	50 - 149		
Ethylbenzene			25.0	24.9		ug/L		99	70 - 130		
Ethyl-t-butyl ether (ETBE)			25.0	21.3		ug/L		85	60 - 136		
Isopropyl Ether (DIPE)			25.0	21.5		ug/L		86	58 - 139		
m,p-Xylene			25.0	26.3		ug/L		105	70 - 130		
Methyl-t-Butyl Ether (MTBE)			25.0	21.6		ug/L		86	63 - 131		
Naphthalene			25.0	21.6		ug/L		86	60 - 140		
o-Xylene			25.0	25.6		ug/L		102	70 - 130		
Tert-amyl-methyl ether (TAME)			25.0	21.1		ug/L		85	57 - 139		
tert-Butyl alcohol (TBA)			250	262		ug/L		105	70 - 130		
Toluene			25.0	24.5		ug/L		98	70 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*96*		*80 - 120*
Dibromofluoromethane (Surr)	*98*		*76 - 132*
Toluene-d8 (Surr)	*102*		*80 - 128*

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 440-259662-D-2 MS
Matrix: Water
Analysis Batch: 592372

Client Sample ID: Matrix Spike
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
1,2-Dibromoethane (EDB)	ND		10.0	11.1		ug/L		111	70 - 131
1,2-Dichloroethane	ND		10.0	9.46		ug/L		95	56 - 146
Benzene	ND		10.0	10.1		ug/L		101	66 - 130
Ethanol	ND		500	497		ug/L		99	54 - 150
Ethylbenzene	ND		10.0	11.0		ug/L		110	70 - 130
Ethyl-t-butyl ether (ETBE)	ND		10.0	9.15		ug/L		91	70 - 130
Isopropyl Ether (DIPE)	ND		10.0	9.27		ug/L		93	64 - 138
m,p-Xylene	ND		10.0	11.6		ug/L		116	70 - 133
Methyl-t-Butyl Ether (MTBE)	ND		10.0	9.39		ug/L		94	70 - 130
Naphthalene	1.1		10.0	10.9		ug/L		98	60 - 140
o-Xylene	ND		10.0	11.2		ug/L		112	70 - 133
Tert-amyl-methyl ether (TAME)	ND		10.0	9.27		ug/L		93	68 - 133
tert-Butyl alcohol (TBA)	ND		100	112		ug/L		112	70 - 130
Toluene	ND		10.0	11.0		ug/L		110	70 - 130

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*97*		*80 - 120*
Dibromofluoromethane (Surr)	*100*		*76 - 132*
Toluene-d8 (Surr)	*104*		*80 - 128*

Lab Sample ID: 440-259662-D-2 MSD
Matrix: Water
Analysis Batch: 592372

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,2-Dibromoethane (EDB)	ND		10.0	11.0		ug/L		110	70 - 131	1	25
1,2-Dichloroethane	ND		10.0	9.62		ug/L		96	56 - 146	2	20
Benzene	ND		10.0	9.97		ug/L		100	66 - 130	1	20
Ethanol	ND		500	474		ug/L		95	54 - 150	5	30
Ethylbenzene	ND		10.0	10.7		ug/L		107	70 - 130	3	20
Ethyl-t-butyl ether (ETBE)	ND		10.0	9.66		ug/L		97	70 - 130	5	25
Isopropyl Ether (DIPE)	ND		10.0	9.47		ug/L		95	64 - 138	2	25
m,p-Xylene	ND		10.0	11.2		ug/L		112	70 - 133	3	25
Methyl-t-Butyl Ether (MTBE)	ND		10.0	9.37		ug/L		94	70 - 130	0	25
Naphthalene	1.1		10.0	9.84		ug/L		87	60 - 140	10	30
o-Xylene	ND		10.0	10.8		ug/L		108	70 - 133	4	20
Tert-amyl-methyl ether (TAME)	ND		10.0	9.37		ug/L		94	68 - 133	1	30
tert-Butyl alcohol (TBA)	ND		100	104		ug/L		104	70 - 130	7	25
Toluene	ND		10.0	11.0		ug/L		110	70 - 130	0	20

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*98*		*80 - 120*
Dibromofluoromethane (Surr)	*102*		*76 - 132*
Toluene-d8 (Surr)	*104*		*80 - 128*

Method: 8015B - Gasoline Range Organics - (GC)

Lab Sample ID: MB 440-592626/6
Matrix: Water
Analysis Batch: 592626

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
GRO (C6-C12)	ND		50		ug/L			01/28/20 12:30	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*93*		*65 - 140*		*01/28/20 12:30*	*1*

Lab Sample ID: LCS 440-592626/5
Matrix: Water
Analysis Batch: 592626

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
GRO (C4-C12)			800	807		ug/L		101	80 - 120		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*101*		*65 - 140*

Lab Sample ID: 440-259756-2 MS
Matrix: Water
Analysis Batch: 592626

Client Sample ID: MW-8_20200124
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits		
GRO (C4-C12)	ND		800	821		ug/L		103	65 - 140		

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*107*		*65 - 140*

Lab Sample ID: 440-259756-2 MSD
Matrix: Water
Analysis Batch: 592626

Client Sample ID: MW-8_20200124
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
GRO (C4-C12)	ND		800	836		ug/L		104	65 - 140	2	20

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*108*		*65 - 140*

Method: 8015B - Stoddard Solvent

Lab Sample ID: MB 440-592379/1-A
Matrix: Water
Analysis Batch: 592483

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 592379

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Stod.Sol. RO [C9-C13]	ND		0.050		mg/L		01/27/20 06:27	01/27/20 16:05	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
n-Octacosane	*78*		*45 - 120*	*01/27/20 06:27*	*01/27/20 16:05*	*1*

Method: 8015B - Stoddard Solvent (Continued)

Lab Sample ID: LCS 440-592379/2-A
Matrix: Water
Analysis Batch: 592483

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 592379

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
C10-C28			1000	769		ug/L		77	40 - 115		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
n-Octacosane	*75*		*45 - 120*

Lab Sample ID: LCSD 440-592379/3-A
Matrix: Water
Analysis Batch: 592483

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 592379

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
C10-C28			1000	772		ug/L		77	40 - 115	0	25

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
n-Octacosane	*76*		*45 - 120*

QC Association Summary

Client: Antea Group
Project/Site: ARCO 0465, Daly City

Job ID: 440-259756-1

GC/MS VOA

Analysis Batch: 592372

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
440-259756-1	MW-6_20200124	Total/NA	Water	8260B	
440-259756-2	MW-8_20200124	Total/NA	Water	8260B	
440-259756-3	MW-19_20200124	Total/NA	Water	8260B	
440-259756-4	MW-19D_20200124	Total/NA	Water	8260B	
440-259756-5	DUP-465-2_20200124	Total/NA	Water	8260B	
440-259756-6	TB-465_20200124	Total/NA	Water	8260B	
440-259756-7	MW-3D_20200124	Total/NA	Water	8260B	
MB 440-592372/6	Method Blank	Total/NA	Water	8260B	
LCS 440-592372/1002	Lab Control Sample	Total/NA	Water	8260B	
440-259662-D-2 MS	Matrix Spike	Total/NA	Water	8260B	
440-259662-D-2 MSD	Matrix Spike Duplicate	Total/NA	Water	8260B	

GC VOA

Analysis Batch: 592626

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
440-259756-1	MW-6_20200124	Total/NA	Water	8015B	
440-259756-2	MW-8_20200124	Total/NA	Water	8015B	
440-259756-3	MW-19_20200124	Total/NA	Water	8015B	
440-259756-4	MW-19D_20200124	Total/NA	Water	8015B	
440-259756-5	DUP-465-2_20200124	Total/NA	Water	8015B	
440-259756-6	TB-465_20200124	Total/NA	Water	8015B	
440-259756-7	MW-3D_20200124	Total/NA	Water	8015B	
MB 440-592626/6	Method Blank	Total/NA	Water	8015B	
LCS 440-592626/5	Lab Control Sample	Total/NA	Water	8015B	
440-259756-2 MS	MW-8_20200124	Total/NA	Water	8015B	
440-259756-2 MSD	MW-8_20200124	Total/NA	Water	8015B	

GC Semi VOA

Prep Batch: 592379

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
440-259756-1	MW-6_20200124	Total/NA	Water	3510C	
440-259756-2	MW-8_20200124	Total/NA	Water	3510C	
440-259756-3	MW-19_20200124	Total/NA	Water	3510C	
440-259756-4	MW-19D_20200124	Total/NA	Water	3510C	
440-259756-5	DUP-465-2_20200124	Total/NA	Water	3510C	
440-259756-7	MW-3D_20200124	Total/NA	Water	3510C	
MB 440-592379/1-A	Method Blank	Total/NA	Water	3510C	
LCS 440-592379/2-A	Lab Control Sample	Total/NA	Water	3510C	
LCSD 440-592379/3-A	Lab Control Sample Dup	Total/NA	Water	3510C	

Analysis Batch: 592483

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
440-259756-1	MW-6_20200124	Total/NA	Water	8015B	592379
440-259756-2	MW-8_20200124	Total/NA	Water	8015B	592379
440-259756-3	MW-19_20200124	Total/NA	Water	8015B	592379
440-259756-4	MW-19D_20200124	Total/NA	Water	8015B	592379
440-259756-5	DUP-465-2_20200124	Total/NA	Water	8015B	592379
440-259756-7	MW-3D_20200124	Total/NA	Water	8015B	592379
MB 440-592379/1-A	Method Blank	Total/NA	Water	8015B	592379
LCS 440-592379/2-A	Lab Control Sample	Total/NA	Water	8015B	592379

GC Semi VOA (Continued)

Analysis Batch: 592483 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCSD 440-592379/3-A	Lab Control Sample Dup	Total/NA	Water	8015B	592379

Lab Chronicle

Client: Antea Group
Project/Site: ARCO 0465, Daly City

Job ID: 440-259756-1

Client Sample ID: MW-6_20200124
Lab Sample ID: 440-259756-1
Date Collected: 01/24/20 16:01
Matrix: Water
Date Received: 01/25/20 10:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	592372	01/27/20 14:57	AI	TAL IRV
Total/NA	Analysis	8015B		1	592626	01/28/20 18:27	EI	TAL IRV
Total/NA	Prep	3510C			592379	01/27/20 06:27	L1H	TAL IRV
Total/NA	Analysis	8015B		1	592483	01/27/20 20:02	MPD	TAL IRV

Client Sample ID: MW-8_20200124
Lab Sample ID: 440-259756-2
Date Collected: 01/24/20 14:04
Matrix: Water
Date Received: 01/25/20 10:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	592372	01/27/20 15:25	AI	TAL IRV
Total/NA	Analysis	8015B		1	592626	01/28/20 13:49	EI	TAL IRV
Total/NA	Prep	3510C			592379	01/27/20 06:27	L1H	TAL IRV
Total/NA	Analysis	8015B		1	592483	01/27/20 20:26	MPD	TAL IRV

Client Sample ID: MW-19_20200124
Lab Sample ID: 440-259756-3
Date Collected: 01/24/20 11:32
Matrix: Water
Date Received: 01/25/20 10:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	592372	01/27/20 15:52	AI	TAL IRV
Total/NA	Analysis	8015B		1	592626	01/28/20 15:19	EI	TAL IRV
Total/NA	Prep	3510C			592379	01/27/20 06:27	L1H	TAL IRV
Total/NA	Analysis	8015B		1	592483	01/27/20 20:50	MPD	TAL IRV

Client Sample ID: MW-19D_20200124
Lab Sample ID: 440-259756-4
Date Collected: 01/24/20 09:27
Matrix: Water
Date Received: 01/25/20 10:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	592372	01/27/20 16:20	AI	TAL IRV
Total/NA	Analysis	8015B		1	592626	01/28/20 15:49	EI	TAL IRV
Total/NA	Prep	3510C			592379	01/27/20 06:27	L1H	TAL IRV
Total/NA	Analysis	8015B		1	592483	01/27/20 21:13	MPD	TAL IRV

Client Sample ID: DUP-465-2_20200124
Lab Sample ID: 440-259756-5
Date Collected: 01/24/20 00:01
Matrix: Water
Date Received: 01/25/20 10:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	592372	01/27/20 16:47	AI	TAL IRV
Total/NA	Analysis	8015B		1	592626	01/28/20 17:28	EI	TAL IRV
Total/NA	Prep	3510C			592379	01/27/20 06:27	L1H	TAL IRV
Total/NA	Analysis	8015B		1	592483	01/27/20 21:37	MPD	TAL IRV

Lab Chronicle

Client: Antea Group
Project/Site: ARCO 0465, Daly City

Job ID: 440-259756-1

Client Sample ID: TB-465_20200124

Lab Sample ID: 440-259756-6

Date Collected: 01/24/20 00:01

Matrix: Water

Date Received: 01/25/20 10:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	592372	01/27/20 17:15	AI	TAL IRV
Total/NA	Analysis	8015B		1	592626	01/28/20 13:19	EI	TAL IRV

Client Sample ID: MW-3D_20200124

Lab Sample ID: 440-259756-7

Date Collected: 01/24/20 09:30

Matrix: Water

Date Received: 01/25/20 10:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	592372	01/27/20 17:42	AI	TAL IRV
Total/NA	Analysis	8015B		1	592626	01/28/20 17:57	EI	TAL IRV
Total/NA	Prep	3510C			592379	01/27/20 06:27	L1H	TAL IRV
Total/NA	Analysis	8015B		1	592483	01/27/20 22:01	MPD	TAL IRV

Laboratory References:

TAL IRV = Eurofins Calscience Irvine, 17461 Derian Ave, Suite 100, Irvine, CA 92614-5817, TEL (949)261-1022

Accreditation/Certification Summary

Client: Antea Group
Job ID: 440-259756-1
Project/Site: ARCO 0465, Daly City

Laboratory: Eurofins Calscience Irvine

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Program	Identification Number	Expiration Date
California	State	2706	06-30-20

The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.

Analysis Method	Prep Method	Matrix	Analyte
8015B		Water	GRO (C6-C12)
8015B	3510C	Water	n-Octacosane
8015B	3510C	Water	Stod.Sol. RO [C9-C13]
8260B		Water	1,2-Dibromoethane (EDB)
8260B		Water	1,2-Dichloroethane
8260B		Water	Benzene
8260B		Water	Ethanol
8260B		Water	Ethylbenzene
8260B		Water	Ethyl-t-butyl ether (ETBE)
8260B		Water	Isopropyl Ether (DIPE)
8260B		Water	m,p-Xylene
8260B		Water	Methyl-t-Butyl Ether (MTBE)
8260B		Water	Naphthalene
8260B		Water	o-Xylene
8260B		Water	Tert-amyl-methyl ether (TAME)
8260B		Water	tert-Butyl alcohol (TBA)
8260B		Water	Toluene
8260B		Water	Xylenes, Total

Method Summary

Client: Antea Group
Project/Site: ARCO 0465, Daly City

Job ID: 440-259756-1

Method	Method Description	Protocol	Laboratory
8260B	Volatile Organic Compounds (GC/MS)	SW846	TAL IRV
8015B	Gasoline Range Organics - (GC)	SW846	TAL IRV
8015B	Stoddard Solvent	SW846	TAL IRV
3510C	Liquid-Liquid Extraction (Separatory Funnel)	SW846	TAL IRV
5030B	Purge and Trap	SW846	TAL IRV

Protocol References:

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

TAL IRV = Eurofins Calscience Irvine, 17461 Derian Ave, Suite 100, Irvine, CA 92614-5817, TEL (949)261-1022

Sample Summary

Client: Antea Group
Project/Site: ARCO 0465, Daly City

Job ID: 440-259756-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Asset ID
440-259756-1	MW-6_20200124	Water	01/24/20 16:01	01/25/20 10:45	
440-259756-2	MW-8_20200124	Water	01/24/20 14:04	01/25/20 10:45	
440-259756-3	MW-19_20200124	Water	01/24/20 11:32	01/25/20 10:45	
440-259756-4	MW-19D_20200124	Water	01/24/20 09:27	01/25/20 10:45	
440-259756-5	DUP-465-2_20200124	Water	01/24/20 00:01	01/25/20 10:45	
440-259756-6	TB-465_20200124	Water	01/24/20 00:01	01/25/20 10:45	
440-259756-7	MW-3D_20200124	Water	01/24/20 09:30	01/25/20 10:45	

Laboratory Management Program (LaMP) Chain of Custody Record
Soil, Sediment and Groundwater Samples

Page 1 of 5

BP Site Node Path: BP > USA > CA > SAN MATEO > 465 > PMPv4 > 1995 Release
Req Due Date (mm/dd/yy):
Rush TAT Yes ____ No X
BP/RM Facility No: ARCO No. 00465
Lab Work Order Number:

Lab Name:	TestAmerica	BP/ARC Facility Address:	151 Southgate Ave	Consultant/Contractor:	Antea Group
Lab Address:	17461 Derian Ave., Ste. 100, Irvine, CA 92614	City, State, ZIP Code:	Daly City, CA, 94015	Consultant/Contractor Project No:	00465EA191
Lab PM:	Christian Bondoc	Lead Regulatory Agency:	San Mateo County GPP	Address:	11010 White Rock Road, Suite 140, Rancho Cordova, CA 95670
Lab Phone:	949-261-1022	California Global ID No.:	T0608100027	Consultant/Contractor PM:	Hannah Mishriki
Lab Shipping Accnt:	FedEx # 1103-6633-7	Enfos Proposal No:	009SB-0007/WR329286	Phone: 610-390-7059	Email: hannah.mishriki@anteagroup.com
Lab Bottle Order No:		Accounting Mode:	Provision __X__ OOC-BU ____ OOC-RM ____	Send/Submit EDD to:	See Special Instructions
Other Info:		Stage: 40	Activity: 123	Invoice To:	BP-RM ___X___ BP-Other ____

BP/RM PM: Wade Melton
PM Phone: 360-594-7978
PM Email: wade.melton@bp.com

Requested Analyses

Lab No.	Unique Sample ID, must follow format of SAMPLENAMEYYYYMMDD Examples: MW01_20190101; BH01_3-5_20190101	Time	Depth Unit	Grab (G) or Composite (C)	Total Number of Containers	Matrix	GRO (C6-C12) by 8015B	Ethanol/BTEX/5 Oxys/Naphth by EPA 8260	EDB & 1,2-DCA by 8260	Stoddard Solvents by 8015B
	Filtered (Y/N)						N	N	N	N
	Preservation						N	N	N	N
	~~MW-1R_2020~~					GW	x	x	x	x
	~~MW-2_2020~~					GW	x	x	x	x
	~~MW-4_2020~~					GW	x	x	x	x
	~~MW-5_2020~~					GW	x	x	x	x
	MW-6_2020 0124	1601	ft	G	7	GW	x	x	x	x
	~~MW-7_2020~~					GW	x	x	x	x
	MW-8_2020 0124	1404	ft	G	7	GW	x	x	x	x
	~~MW-9_2020 0124~~	1132	ft	G	7	~~GW~~	~~x~~	~~x~~	~~x~~	~~x~~
	~~MW-10_2020~~					GW	x	x	x	x
	MW-11R_2020					GW	x	x	x	x

440-259756 Chain of Custody

Report Type & QC Level
Limited (Standard) Package ____
Limited Plus Package ____
Full Package ____

Comments

LB 11/25/20

Sampler's Name:	EDF/LM	Relinquished By / Affiliation	Date	Time	Accepted By / Affiliation	Date	Time
Sampler's Company:	Antea Group	EDF/LM	11/4/20	1800			
Ship Method:	FedEx 11/24/20 Ship Date:				EC-IRV	1/25/20	1045
Shipment Tracking No:							

Special Instructions: 5 Oxygenates to include: TAME / TBA / DIPE / ETBE / MTBE. Send EDD/EDF to AGDataView.US@anteagroup.com, sandy.hayes@anteagroup.com, bryan.taylor@anteagroup.com, hannah.mishriki@anteagroup.com, ian.treat@anteagroup.com, jo.black@anteagroup.com, and lab.enfosdoc@bp.com.

THIS LINE - LAB USE ONLY: Custody Seals in Place: Yes / No | Temp Blank: Yes / No | Cooler Temp on Receipt: _____ °F/C | Trip Blank: Yes / No | MS/MSD Sample Submitted: Yes / No

1119 9742 8940

2.3/2.3 IR93

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Property of BP and its Affiliates

Laboratory Management Program (LaMP) Chain of Custody Record
Soil, Sediment and Groundwater Samples

BP Site Node Path: BP > USA > CA > SAN MATEO > 465 > PMPv4 > 1995 Release
Req Due Date (mm/dd/yy):
Rush TAT Yes ____ No ✓
BP/RM Facility No: ARCO No. 00465
Lab Work Order Number:

Lab Name: TestAmerica	BP/ARC Facility Address: 151 Southgate Ave	Consultant/Contractor: Antea Group	
Lab Address: 17461 Derian Ave., Ste. 100, Irvine, CA 92614	City, State, ZIP Code: Daly City, CA, 94015	Consultant/Contractor Project No: 00465EA191	
Lab PM: Christian Bondoc	Lead Regulatory Agency: San Mateo County GPP	Address: 11010 White Rock Road, Suite 140, Rancho Cordova, CA 95670	
Lab Phone: 949-261-1022	California Global ID No.: T0608100027	Consultant/Contractor PM: Hannah Mishriki	
Lab Shipping Accnt: FedEx # 1103-6633-7	Enfos Proposal No: 009SB-0007/WR329286	Phone: 610-390-7059	Email: hannah.mishriki@anteagroup.com
Lab Bottle Order No:	Accounting Mode: Provision __X__ OOC-BU _____ OOC-RM _____	Send/Submit EDD to: See Special Instructions	
Other Info:	Stage: 40 Activity: 123	Invoice To:	BP-RM ___X___ BP-Other _____

BP/RM PM: Wade Melton
PM Phone: 360-594-7978
PM Email: wade.melton@bp.com

Requested Analyses

Lab No.	Unique Sample ID, must follow format of SAMPLENAMEYYYYMMDD Examples: MW01_20190101; BH01_3-5_20190101	Time	Depth Unit	Grab (G) or Composite (C)	Total Number of Containers	Matrix	GRO (C6-C12) by 8015B	Ethanol/BTEX/5 Oxys/Napth by EPA 8260	EDB & 1,2-DCA by 8260	Stoddard Solvents by 8015B
	Filtered (Y/N)						N	N	N	N
	Preservation						N	N	N	N
	~~MW-12_2020~~					GW	x	x	x	x
	~~MW-13_2020~~					GW	x	x	x	x
	~~MW-14_2020~~					GW	x	x	x	x
	~~MW-15_2020~~					GW	x	x	x	x
	~~MW-16_2020~~					GW	x	x	x	x
	~~MW-17_2020~~					GW	x	x	x	x
	~~MW-18_2020~~					GW	x	x	x	x
	MW-19_2020 0124	1132	ft	G	7	GW	x	x	x	x
	~~MW-3D_2020~~					GW	x	x	x	x
	~~MW-4D_2020~~					GW	x	x	x	x

Report Type & QC Level
Limited (Standard) Package ____
Limited Plus Package ____
Full Package ____

Comments

Sampler's Name: ED/ICK	Relinquished By / Affiliation	Date	Time	Accepted By / Affiliation	Date	Time
Sampler's Company: Antea Group	ED/AEG	1/24/20	1800			
Ship Method: FedEx 1/24/20 Ship Date:				GC-IRN	1/25/20	1045
Shipment Tracking No:						

Special Instructions: 5 Oxygenates to include: TAME / TBA / DIPE / ETBE / MTBE. Send EDD/EDF to AGDataView.US@anteagroup.com, sandy.hayes@anteagroup.com, bryan.taylor@anteagroup.com, hannah.mishriki@anteagroup.com, ian.treat@anteagroup.com, jo.black@anteagroup.com, and lab.enfosdoc@bp.com.

THIS LINE - LAB USE ONLY: Custody Seals In Place: Yes / No | Temp Blank: Yes / No | Cooler Temp on Receipt: 2.3 °F/C | Trip Blank: Yes / No | MS/MSD Sample Submitted: Yes / No

1119 9742 8940 2.3 1E93

BP LaMP Soil/H2O COC March 2019

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Laboratory Management Program (LaMP) Chain of Custody Record
Soil, Sediment and Groundwater Samples

BP Site Node Path: BP > USA > CA > SAN MATEO > 465 > PMPv4 > 1995 Release
Req Due Date (mm/dd/yy):
Rush TAT Yes ____ No X
BP/RM Facility No: ARCO No. 00465
Lab Work Order Number:

Lab Name:	TestAmerica	BP/ARC Facility Address:	151 Southgate Ave	Consultant/Contractor:	Antea Group
Lab Address:	17461 Derian Ave., Ste. 100, Irvine, CA 92614	City, State, ZIP Code:	Daly City, CA, 94015	Consultant/Contractor Project No:	00465EA191
Lab PM:	Christian Bondoc	Lead Regulatory Agency:	San Mateo County GPP	Address:	11010 White Rock Road, Suite 140, Rancho Cordova, CA 95670
Lab Phone:	949-261-1022	California Global ID No.:	T0608100027	Consultant/Contractor PM:	Hannah Mishriki
Lab Shipping Accnt:	FedEx # 1103-6633-7	Enfos Proposal No:	009SB-0007/WR329286	Phone: 610-390-7059	Email: hannah.mishriki@anteagroup.com
Lab Bottle Order No:		Accounting Mode:	Provision __X__ OOC-BU ____ OOC-RM ____	Send/Submit EDD to:	See Special Instructions
Other Info:		Stage: 40	Activity: 123	Invoice To:	BP-RM ___X___ BP-Other ____

BP/RM PM: Wade Melton
PM Phone: 360-594-7978
PM Email: wade.melton@bp.com

Requested Analyses

Lab No.	Unique Sample ID, must follow format of SAMPLENAMEYYYYMMDD Examples: MW01_20190101; BH01_3-5_20190101	Time	Depth Unit	Grab (G) or Composite (C)	Total Number of Containers	Matrix	GRO (C6-C12) by 8015B	Ethanol/BTEX/5 Oxys/Naph by EPA 8260	EDB & 1,2-DCA by 8260	Stoddard Solvents by 8015B	Comments
	Filtered (Y/N)						N	N	N	N	
	Preservation						N	N	N	N	
	MW-5D_2020					GW	x	x	x	x	
	MW-6D_2020					GW	x	x	x	x	
	MW-7D_2020					GW	x	x	x	x	
	MW-9D_2020					GW	x	x	x	x	
	MW-16D_2020					GW	x	x	x	x	MS/MSD
	MW-18D_2020					GW	x	x	x	x	MS/MSD
	MW-19D_2020 0124	0927	A	G	7	GW	x	x	x	x	
	V-1_2020					GW	x	x	x	x	
	V-2_2020					GW	x	x	x	x	
	V-3_2020					GW	x	x	x	x	

Report Type & QC Level
Limited (Standard) Package ____
Limited Plus Package ____
Full Package ____

Sampler's Name:	EP/UK	Relinquished By / Affiliation	Date	Time	Accepted By / Affiliation	Date	Time
Sampler's Company:	Antea Group		1/24/20	1100			
Ship Method:	FedEx 1/24/20 Ship Date:				EC-IRV	1/25/20	1045
Shipment Tracking No:							

Special Instructions: 5 Oxygenates to include: TAME / TBA / DIPE / ETBE / MTBE. Send EDD/EDF to AGDataView.US@anteagroup.com, sandy.hayes@anteagroup.com, bryan.taylor@anteagroup.com, hannah.mishriki@anteagroup.com, ian.treat@anteagroup.com, jo.black@anteagroup.com, and lab.enfosdoc@bp.com.

THIS LINE - LAB USE ONLY: Custody Seels In Place: Yes / No | Temp Blank: Yes / No | Cooler Temp on Receipt: 2.3 / 2.3 °F/C | Trip Blank: Yes / No | MS/MSD Sample Submitted: Yes / No

1119 9742 8940

BP LaMP Soil/H2O COC March 2019

Proprietary and Confidential
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Laboratory Management Program (LaMP) Chain of Custody Record
Soil, Sediment and Groundwater Samples

BP Site Node Path: BP > USA > CA > SAN MATEO > 465 > PMPv4 > 1995 Release
Req Due Date (mm/dd/yy):
Rush TAT Yes ____ No X
BP/RM Facility No: ARCO No. 00465
Lab Work Order Number:

Lab Name:	TestAmerica	BP/ARC Facility Address:	151 Southgate Ave	Consultant/Contractor:	Antea Group
Lab Address:	17461 Derian Ave., Ste. 100, Irvine, CA 92614	City, State, ZIP Code:	Daly City, CA, 94015	Consultant/Contractor Project No:	00465EA191
Lab PM:	Christian Bondoc	Lead Regulatory Agency:	San Mateo County GPP	Address:	11010 White Rock Road, Suite 140, Rancho Cordova, CA 95670
Lab Phone:	949-261-1022	California Global ID No.:	T0608100027	Consultant/Contractor PM:	Hannah Mishriki
Lab Shipping Acct:	FedEx # 1103-6633-7	Enfos Proposal No:	009SB-0007/WR329286	Phone: 610-390-7059	Email: hannah.mishriki@anteagroup.com
Lab Bottle Order No:		Accounting Mode: Provision __X__	OOC-BU _____ OOC-RM ____	Send/Submit EDD to:	See Special Instructions
Other Info:		Stage: 40	Activity: 123	Invoice To:	BP-RM ___X___ BP-Other _____

BP/RM PM:	Wade Melton
PM Phone:	360-594-7978
PM Email:	wade.melton@bp.com

Requested Analyses

Lab No.	Unique Sample ID, must follow format of SAMPLENAMEYYYYMMDD Examples: MW01_20190101; BH01_3-5_20190101	Time	Depth Unit	Grab (G) or Composite (C)	Total Number of Containers	Matrix	GRO (C6-C12) by 8015B	Ethanol/BTEX/5 Oxys/Naphth by EPA 8260	EDB & 1,2-DCA by 8260	Stoddard Solvents by 8015B							Comments
	Filtered (Y/N)						N	N	N	N							
	Preservation						N	N	N	N							
	V-4_2020					GW	x	x	x	x							
	V-5_2020					GW	x	x	x	x							
	V-6_2020					GW	x	x	x	x							
	V-7_2020					GW	x	x	x	x							
	V-8_2020					GW	x	x	x	x							
	V-9_2020					GW	x	x	x	x							
	V-10_2020					GW	x	x	x	x							
	V-11_2020					GW	x	x	x	x							
	V-12_2020					GW	x	x	x	x							
	V-13_2020					GW	x	x	x	x							

Report Type & QC Level
Limited (Standard) Package ____
Limited Plus Package ____
Full Package ____

	Relinquished By / Affiliation	Date	Time	Accepted By / Affiliation	Date	Time
Sampler's Name:	KD/LK					
Sampler's Company: Antea Group						
Ship Method: FedEx Ship Date:	KD	1/24	1700	EC-IRV	1/25/20	1045
Shipment Tracking No:						

Special Instructions: 5 Oxygenates to include: TAME / TBA / DIPE / ETBE / MTBE. Send EDD/EDF to AGDataView.US@anteagroup.com, sandy.hayes@anteagroup.com, bryan.taylor@anteagroup.com, hannah.mishriki@anteagroup.com, ian.treat@anteagroup.com, jo.black@anteagroup.com, and lab.enfosdoc@bp.com.

THIS LINE - LAB USE ONLY: Custody Seals In Place: Yes / No | Temp Blank: Yes / No | Cooler Temp on Receipt: 2.3 °F/C | Trip Blank: Yes / No | MS/MSD Sample Submitted: Yes / No

1119 9742 8940

2.3 IR93

BP LaMP Soil/H2O COC March 2019

Proprietary and Confidential
Property of BP and its Affiliates

Laboratory Management Program (LaMP) Chain of Custody Record
Soil, Sediment and Groundwater Samples

Page 5 of 5

BP Site Node Path: BP > USA > CA > SAN MATEO > 465 > PMPv4 > 1995 Release
Req Due Date (mm/dd/yy):
Rush TAT Yes ____ No X
BP/RM Facility No: ARCO No. 00465
Lab Work Order Number:

Lab Name:	TestAmerica	BP/ARC Facility Address:	151 Southgate Ave	Consultant/Contractor:	Antea Group
Lab Address:	17461 Derian Ave., Ste. 100, Irvine, CA 92614	City, State, ZIP Code:	Daly City, CA, 94015	Consultant/Contractor Project No:	00465EA191
Lab PM:	Christian Bondoc	Lead Regulatory Agency:	San Mateo County GPP	Address:	11010 White Rock Road, Suite 140, Rancho Cordova, CA 95670
Lab Phone:	949-261-1022	California Global ID No.:	T0608100027	Consultant/Contractor PM:	Hannah Mishriki
Lab Shipping Accnt:	FedEx # 1103-6633-7	Enfos Proposal No:	009SB-0007/WR329286	Phone: 610-390-7059	Email: hannah.mishriki@anteagroup.com
Lab Bottle Order No:		Accounting Mode:	Provision __X__ OOC-BU _____ OOC-RM _____	Send/Submit EDD to:	See Special Instructions
Other Info:		Stage: 40	Activity: 123	Invoice To:	BP-RM ___X___ BP-Other _____

BP/RM PM:	Wade Melton
PM Phone:	360-594-7978
PM Email:	wade.melton@bp.com

Requested Analyses

Lab No.	Unique Sample ID, must follow format of SAMPLENAMEYYYYMMDD Examples: MW01_20190101; BH01_3-5_20190101	Time	Depth Unit	Grab (G) or Composite (C)	Total Number of Containers	Matrix	GRO (C6-C12) by 8015B	Ethanol/BTEX/5 Oxys/Napth by EPA 8260	EDB & 1,2-DCA by 8260	Stoddard Solvents by 8015B	Filtered (Y/N)	Preservation
	V-14_2020					GW	x	x	x	x	N	N
	DUP-465-1_2020					GW	x	x	x	x	N	N
	DUP-465-2_20200124	—	ft	G	7	GW	x	x	x	x	N	N
	TB-465_20200124	—	—	—	6	W	x	x	x		N	N
	MW-30_20200124	1930	ft	G	7		X	X	X	X		

Report Type & QC Level

Limited (Standard) Package ____
Limited Plus Package ____
Full Package ——

Comments

Sampler's Name:	ED/HK	Relinquished By / Affiliation	Date	Time	Accepted By / Affiliation	Date	Time
Sampler's Company:	Antea Group	ED/HK	1/24/20	1800			
Ship Method:	FedEx 1/24/20 Ship Date:				EC-IRV	1/25/20	1045
Shipment Tracking No:	1119 9742 8940 C/S				2.3/2.3 IR93		

Proprietary and Confidential
Property of BP and its Affiliates

Login Sample Receipt Checklist

Client: Antea Group

Job Number: 440-259756-1

Login Number: 259756
List Number: 1
Creator: Dolidze, Lado

List Source: Eurofins Irvine

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	True	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	N/A	Not Present
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins Irvine Job No.: 440-259756-1

SDG No.:

Batch Number: 592372 Batch Start Date: 01/27/20 07:05 Batch Analyst: Ibasitas, Arnel

Batch Method: 8260B Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	Initial pH	VMW8260T1CCV1 00140	VMWNU8260ISS 00195	
MB 440-592372/6		8260B		10 mL	10 mL			5 uL	
440-259662-D-2 MS	CW-7C	8260B	T	10 mL	10 mL	<2 SU	2 uL	5 uL	
440-259662-D-2 MSD	CW-7C	8260B	T	10 mL	10 mL	<2 SU	2 uL	5 uL	
440-259662-D-2	CW-7C	8260B	T	10 mL	10 mL	<2 SU		5 uL	
440-259756-A-1	MW-6_20200124	8260B	T	10 mL	10 mL	7 SU		5 uL	
440-259756-A-2	MW-8_20200124	8260B	T	10 mL	10 mL	7 SU		5 uL	
440-259756-A-3	MW-19_20200124	8260B	T	10 mL	10 mL	7 SU		5 uL	
440-259756-A-4	MW-19D_20200124	8260B	T	10 mL	10 mL	7 SU		5 uL	
440-259756-A-5	DUP-465-2_20200124	8260B	T	10 mL	10 mL	7 SU		5 uL	
440-259756-A-6	TB-465_20200124	8260B	T	10 mL	10 mL	7 SU		5 uL	
440-259756-A-7	MW-3D_20200124	8260B	T	10 mL	10 mL	7 SU		5 uL	
LCS 440-592372/1002		8260B		10 mL	10 mL		5 uL	5 uL	

Batch Notes	
pH Indicator ID	220416A
Pipette/Syringe/Dispenser ID	voa-01
Vial Lot Number	0103701E

Basis	Basis Description
T	Total/NA

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GASOLINE RANGE ORGANICS BATCH WORKSHEET

Lab Name: Eurofins Irvine Job No.: 440-259756-1

SDG No.:

Batch Number: 592626 Batch Start Date: 01/28/20 09:46 Batch Analyst: Iancu, Elena

Batch Method: 8015B Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	Initial pH	VG-LCSTPH1000 00468	VG-SURR500PPM 00022	
LCS 440-592626/5		8015B		10 mL	10 mL	n/a SU	8 uL	1 uL	
MB 440-592626/6		8015B		10 mL	10 mL	n/a SU		1 uL	
440-259756-B-6	TB-465_20200124	8015B	T	10 mL	10 mL	7 SU		1 uL	
440-259756-B-2	MW-8_20200124	8015B	T	10 mL	10 mL	7 SU		1 uL	
440-259756-B-2 MS	MW-8_20200124	8015B	T	10 mL	10 mL	7 SU	8 uL	1 uL	
440-259756-B-2 MSD	MW-8_20200124	8015B	T	10 mL	10 mL	7 SU	8 uL	1 uL	
440-259756-B-3	MW-19_20200124	8015B	T	10 mL	10 mL	7 SU		1 uL	
440-259756-B-4	MW-19D_20200124	8015B	T	10 mL	10 mL	7 SU		1 uL	
440-259756-B-5	DUP-465-2_20200124	8015B	T	10 mL	10 mL	7 SU		1 uL	
440-259756-B-7	MW-3D_20200124	8015B	T	10 mL	10 mL	7 SU		1 uL	
440-259756-B-1	MW-6_20200124	8015B	T	10 mL	10 mL	7 SU		1 uL	

Batch Notes	
pH Indicator ID	HC574756/220416A
Pipette/Syringe/Dispenser ID	BT10ML/VOA-03
Vial Lot Number	0217701E

Basis	Basis Description
T	Total/NA

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

DIESEL RANGE ORGANICS BATCH WORKSHEET

Lab Name: Eurofins Irvine Job No.: 440-259756-1

SDG No.:

Batch Number: 592379 Batch Start Date: 01/27/20 06:27 Batch Analyst: Herrera, Lizette 1

Batch Method: 3510C Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Basis	GrossWeight	TareWeight	InitialAmount	FinalAmount	ReceivedpH	gc8015dslLCSA 00121
MB 440-592379/1		3510C, 8015B				1000 mL	1 mL	6 SU	
LCS 440-592379/2		3510C, 8015B				1000 mL	1 mL	6 SU	1 mL
LCSD 440-592379/3		3510C, 8015B				1000 mL	1 mL	6 SU	1 mL
440-259756-G-1	MW-6_20200124	3510C, 8015B	T	1565 g	0515 g	1050 mL	1 mL	6 SU	
440-259756-G-2	MW-8_20200124	3510C, 8015B	T	1565 g	0515 g	1050 mL	1 mL	6 SU	
440-259756-G-3	MW-19_20200124	3510C, 8015B	T	1570 g	0515 g	1055 mL	1 mL	6 SU	
440-259756-G-4	MW-19D_20200124	3510C, 8015B	T	1570 g	0515 g	1055 mL	1 mL	6 SU	
440-259756-G-5	DUP-465-2_20200124	3510C, 8015B	T	1570 g	0515 g	1055 mL	1 mL	6 SU	
440-259756-G-7	MW-3D_20200124	3510C, 8015B	T	1565 g	0520 g	1045 mL	1 mL	6 SU	

Lab Sample ID	Client Sample ID	Method Chain	Basis	gc8015dslSURR 00101	AnalysisComment				
MB 440-592379/1		3510C, 8015B		0.2 mL					
LCS 440-592379/2		3510C, 8015B		0.2 mL					
LCSD 440-592379/3		3510C, 8015B		0.2 mL					
440-259756-G-1	MW-6_20200124	3510C, 8015B	T	0.2 mL	Light yellow				
440-259756-G-2	MW-8_20200124	3510C, 8015B	T	0.2 mL	Light yellow				
440-259756-G-3	MW-19_20200124	3510C, 8015B	T	0.2 mL	Light yellow				
440-259756-G-4	MW-19D_20200124	3510C, 8015B	T	0.2 mL	Light yellow				
440-259756-G-5	DUP-465-2_20200124	3510C, 8015B	T	0.2 mL	Light yellow				
440-259756-G-7	MW-3D_20200124	3510C, 8015B	T	0.2 mL	Light yellow				

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

DIESEL RANGE ORGANICS BATCH WORKSHEET

Lab Name: Eurofins Irvine Job No.: 440-259756-1

SDG No.:

Batch Number: 592379 Batch Start Date: 01/27/20 06:27 Batch Analyst: Herrera, Lizette 1

Batch Method: 3510C Batch End Date:

Batch Notes	
Balance ID	68
Batch Comment	8015B
Analyst ID - Concentration	LH LA
Concentration 1 Corrected Temperature	35 Degrees C
Equipment ID - Concentration 1	TV 02 13 08 11
Analyst ID - Extraction	LH
Filter ID	Sartorius 19-107
Method/Fraction	8015B
Na2SO4 ID	5876203
pH Indicator ID	HC989495
Pipette/Syringe/Dispenser ID	9"Disposable / 040319500A 1203181000A
Prep Solvent ID	DCM 6011538
Prep Solvent Volume Used	180 mL
Analyst ID - Spike Analyst	LH
Sufficient Volume for Batch QC	Yes
Concentration 1 Uncorrected Temperature	35 Degrees C
Vial Lot Number	Thermo Scientific 19096222
Reagent Water ID	Nano pure water

Basis	Basis Description
T	Total/NA

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

Is the Data Valid? (circle) Yes / No	Preservation Temperature (if Known): 2.3 ºC

Antea®Group Lab Validation Sheet

Project/Client: BP
Project #: 00465EA191
Date of Validation: 2/6/2020
Completed By: Katelynn Smith **Signature:** Katelynn Smith
Analytical Lab Used and Report # (if any): J259702

	Circle or Highlight Yes/No below
1. Was the analysis the one requested?	Yes / No
2. Do the sample number(s) on the chain-of-custody (COC) match the one(s) that appear on the laboratory data sheet?	Yes / No
3. Were samples prepared (extracted, filtered, etc.) within EPA holding times?	Yes / No
4. Once prepared/extracted, were the samples analyzed within the EPA holding times?	Yes / No
5. Were Laboratory blanks performed, if so, were they below non-detect?	Yes / No
6. Are the units correct? (i.e., soil samples in mg/kg or ug/g, water samples mg/L, ug/L, and air samples in volume mg/m^3,etc.)	Yes / No
7. Were appropriate Matrix Spike (MS) and Matrix Spike Duplicate (MSD) samples included in the laboratory batch sample?	Yes / No
8. In lieu of MS/ MSD, were surrogate spike (SS) or surrogate spike duplicate (SSD) samples included in the laboratory batch samples?	Yes / No
9. Were MS/ MSD (or SS/SSD) within the acceptable range of % recovery (i.e., approx 80-120% depending on analyte)?	Yes / No
10. Were MS/MSD (or SS/SSD) values used to calculate Relative Percent Difference (RPD)?	Yes / No
11. Were Relative Percent Difference values within the acceptable range (i.e. ± 25%)?	Yes / No

If any answer is no, explain why and what corrective action was taken:

The laboratory noted the following qualifier(s) in the lab report:

Appendix H

Waste Manifest

NO. 753482

NON-HAZARDOUS WASTE DATA FORM

BESI # 312958

GENERATOR

Generator's Name and Mailing Address
BP WEST COAST PRODUCTS, LLC
P.O. BOX 80249
RANCHO SANTA MARGARITA, CA. 92688

Generator's Site Address (if different than mailing address)
BP 00465
151 SOUTHGATE AVENUE
DALY CITY, CA 94015

Generator's Phone: 949-460-5200

Container type removed from site:
☒ Drums ☐ Vacuum Truck ☐ Roll-off Truck ☐ Dump Truck
☐ Other _____
Quantity 1

Container type transported to receiving facility:
☐ Drums ☒ Vacuum Truck ☐ Roll-off Truck ☐ Dump Truck
☐ Other _____
Quantity 1 Volume 23 gallons

WASTE DESCRIPTION NON-HAZARDOUS WATER
GENERATING PROCESS WELL PURGING / DECON WATER

COMPONENTS OF WASTE	PPM	%	COMPONENTS OF WASTE	PPM	%
1. WATER		99-100%	3.		
2. TPH		<1%	4.		

Waste Profile _____ PROPERTIES: pH 7-10 ☐ SOLID ☒ LIQUID ☐ SLUDGE ☐ SLURRY ☐ OTHER _____

HANDLING INSTRUCTIONS: _____

Generator Printed/Typed Name: Larry Moothart of BESI on behalf of generator
Signature: [signature]
Month Day Year: 12 10 19

The Generator certifies that the waste as described is 100% non-hazardous

TRANSPORTER

Transporter 1 Company Name: BELSHIRE
Phone#: 949-460-5200
Transporter 1 Printed/Typed Name: Larry Moothart
Signature: [signature]
Month Day Year: 12 10 19
Transporter Acknowledgment of Receipt of Materials

Transporter 2 Company Name: NIETO & SONS TRUCKING, INC.
Phone#: 714-990-8855
Transporter 2 Printed/Typed Name: Miguel Garcia
Signature: [signature]
Month Day Year: 12 24 19
Transporter Acknowledgment of Receipt of Materials

RECEIVING FACILITY

Designated Facility Name and Site Address
DEMENNO KERDOON
2000 N. ALAMEDA ST.
COMPTON, CA 90222

Phone#: 310-537-7100

Printed/Typed Name: Binny Sanchez
Signature: [signature]
Month Day Year: 12 24 19
Designated Facility Owner or Operator: Certification of receipt of materials covered by this data form.

NO. 755451

NON-HAZARDOUS WASTE DATA FORM

BESI # 316256

GENERATOR

Generator's Name and Mailing Address
BP WEST COAST PRODUCTS, LLC
P.O. BOX 80249
RANCHO SANTA MARGARITA, CA 92688

Generator's Site Address (if different than mailing address)
BP 00465
151 SOUTHGATE AVENUE
DALY CITY, CA 94015

Generator's Phone: 949-460-5200

Container type removed from site:
☒ Drums ☐ Vacuum Truck ☐ Roll-off Truck ☐ Dump Truck
☐ Other _____
Quantity 2

Container type transported to receiving facility:
☐ Drums ☒ Vacuum Truck ☐ Roll-off Truck ☐ Dump Truck
☐ Other _____
Quantity 1 Volume 69.6

WASTE DESCRIPTION NON-HAZARDOUS WATER
GENERATING PROCESS WELL PURGING / DECON WATER

COMPONENTS OF WASTE	PPM	%	COMPONENTS OF WASTE	PPM	%
1. WATER		99-100%	3.		
2. TPH		<1%	4.		

Waste Profile _____ PROPERTIES: pH 7-10 ☐ SOLID ☒ LIQUID ☐ SLUDGE ☐ SLURRY ☐ OTHER _____

HANDLING INSTRUCTIONS: _____

Generator Printed/Typed Name: Larry Moothart of BESI on behalf of generator
Signature
Month 3 Day 17 Year 20

The Generator certifies that the waste as described is 100% non-hazardous

TRANSPORTER

Transporter 1 Company Name: BELSHIRE
Phone#: 949-460-5200

Transporter 1 Printed/Typed Name: Larry Moothart
Signature
Month 3 Day 17 Year 20

Transporter Acknowledgment of Receipt of Materials

Transporter 2 Company Name: [illegible]
Phone#: 714-990-[illegible]

Transporter 2 Printed/Typed Name: MICHAEL CARLOW
Signature
Month 3 Day 23 Year 20

Transporter Acknowledgment of Receipt of Materials

RECEIVING FACILITY

Designated Facility Name and Site Address
WORLD OIL RECYCLING
2000 N. ALAMEDA ST.
COMPTON, CA 90222

Phone#: 310-537-7100

Printed/Typed Name: [illegible]
Signature
Month 03 Day 23 Year 20

Designated Facility Owner or Operator: Certification of receipt of materials covered by this data form.

00465
2254385

Remediation Management Services Company

4 Centerpointe Drive, Suite 200
La Palma, CA 90623
Room LPR 4-222
Office: (360) 594-7978
Mobile: (360) 594-7978
Wade.Melton@bp.com

April 21, 2020

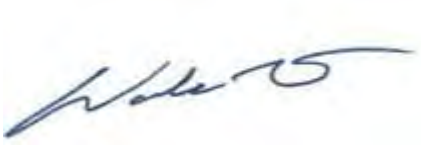
Mr. Deno Milano
San Mateo County Groundwater Protection Program
2000 Alameda de las Pulgas, Suite 100
San Mateo, California 94403

Subject: Closure Request
ARCO Service Station No. 465
151 Southgate Avenue
Daly City, California
San Mateo County Groundwater Protection Program (GPP), Case No. 220033
Global ID T10608100027

Dear Mr. Milano,

Antea®Group is pleased to present this Closure Request for ARCO #465 station located at 151 Southgate Avenue, Daly City, California (the Site). The GPP requested a Soil and Investigation Workplan be submitted by April 21, 2020; however, based on previous investigations and additional information provided herein, BP and Antea Group believe the Site conditions satisfy LTCP criteria and should be granted case closure by the GPP. If you have any questions regarding this report or need any additional information about this Site, please contact Mr. Wade Melton at (360) 594-7978.

Sincerely yours,



Wade Melton
Operations Project Manager
Remediation Management Services Company
An affiliate of Atlantic Richfield Company



Closure Request

ARCO Service Station No. 465
151 Southgate Avenue, Daly City, California

Antea®Group

Understanding today.
Improving tomorrow.

PREPARED FOR
Mr. Deno Milano
San Mateo County
Ground Water Protection Program
2000 Alameda de las Pulgas, Suite 100
San Mateo, CA 94403

San Mateo County Groundwater Protection Program No. 220033
San Francisco Bay Region Water Quality Control Board No. 41-0028
GeoTracker Global ID No. T0608100027

April 21, 2020
Antea Group Project 00465EA201

us.anteagroup.com

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Closure Request

ARCO Service Station No. 465
151 Southgate Avenue, Daly City, California
San Mateo County Groundwater Protection Program No. 220033
San Francisco Bay Region Water Quality Control Board No. 41-0028

SECTION 1.0: INTRODUCTION

On behalf of BP Products North America, Inc. (BP), Antea®Group has prepared this *Closure Request* to document the remediation effort completed for active ARCO Service Station No. 465 located at 151 Southgate Avenue, San Mateo County, Daly City, California ("the Site"). The goal of this submittal is to obtain regulatory closure for San Mateo County Groundwater Protection Program (GPP) Case Number 220033. Please refer to **Figures 1 through 2a** for location and layout of the Site. **Sections 2.0 through 4.0** provide a summary of the recent regulatory interactions, current facility layout, past fuel storage system modifications, past assessment, and remedial activities, and regional and site-specific geologic and hydrogeologic conditions for the Site. The information presented in **Section 5.0** outlines available information on potential off-site sensitive receptors and **Section 6.0** provides information on the location of past on-site hydrocarbon release sources along with the current status of subsurface conditions following completion of remedial activities at the Site. **Sections 7.0 and 8.0** provide a summary the Conceptual Site Model (CSM) and an evaluation relative to the State Water Resources Control Board (SWRCB) Low-Threat Underground Storage Tank Case Closure Policy (LTCP) Resolution 2012-0016.

SECTION 2.0: REGULATORY STATUS

The GPP issued a letter on June 5, 2019 directing BP to immediately connect deep vapor extraction well V-14 to the soil vapor extraction (SVE) system unless the registered professional can demonstrate "that the residual mass of MTBE west and northwest of the subject site is insufficient to further impact regional groundwater and impact nearby well receptors".

On September 10, 2019, Antea Group submitted the *V-14 Soil Vapor Extraction Pilot Test Report* which outlined six days of testing that occurred in July and August 2019. The report recommended that the SVE system be shut down as soil vapor extraction in the deep zone, including extraction on V-14, was ineffective at removing methyl tert-butyl ether (MTBE).

The GPP issued a response letter to the aforementioned pilot test report on November 13, 2019 and approved the recommendation to shut down the SVE system; however, the GPP noted that "if the registered professional cannot demonstrate the MTBE in deep soils will not impact regional groundwater and nearby well receptors, then the responsible party will need to implement an alternative form of remediation or mitigate the impact if remediation is not possible."

The Closure Request herein addresses the GPP request to demonstrate that residual MTBE in soil at the Site is not likely to impact regional groundwater and that the Site, therefore, meets the requirements for low-threat closure.

Agency correspondence is included as **Appendix A.**

SECTION 3.0: BACKGROUND INFORMATION

This section includes a Site description, case background information, and regional and Site-specific geology and hydrogeology.

3.1: SITE DESCRIPTION

The Site is located on the west side of San Francisco Bay, approximately 1-mile east of the Pacific Ocean (**Figure 1**). It occupies the southwest corner at the intersection of Southgate Avenue and Lake Merced Boulevard in Daly City, California (**Figure 2**). The current property owner is the Kimco Realty Corporation, and the parcel number is 002201550. The Site is an active ARCO retail gasoline station with a station building and vehicle service area, six product dispensers, two blended gasoline underground storage tanks (USTs) and one waste oil UST.

Mixed commercial and residential properties surround the Site.

- North – An apartment complex
- Northeast – Westlake Shopping Center and a Home Depot store
- East – Burlington Coat Factory
- South – An apartment complex
- West – An active dry cleaner facility in the site cleanup program (183 Southgate Ave, Daly City, CA, GeoTracker ID SL0608188850) and a shopping mall

Site topography generally slopes toward the east and northeast. Ground surface elevations range from approximately 105 feet above the National Geodetic Vertical Datum of 1929 (NGVD 29) in the southwest corner of the Site to approximately 98 feet above NGVD 29 in the northeast corner of the Site, a difference of 7 feet in vertical elevation. Regionally, topography near the Site also slopes toward the east-northeast (**Figure 1**).

Site assessment activities began in 1992. The Site has 27 groundwater monitoring wells, 13 SVE wells, and one dual-nested soil vapor probe (**Table 1**). A remediation system exists in the southeastern portion of the Site that has been non-operational since November 2019. The Site layout and location of historical soil borings, existing wells, confirmation soil sample locations, and cross section lines are illustrated on **Figure 2, Figure 2a, Figure 2b, and Figure 2c**. A summary of previous Site assessment and remedial activities is provided in **Section 3.3 and Appendix B.**

3.2: PAST FUEL SYSTEM MODIFICATIONS

1997 Waste Oil UST Removal. On October 21, 1997, Gettler-Ryan, Inc. (Gettler-Ryan) removed a 520-gallon capacity waste oil UST, excavating the UST cavity to approximately 9 feet below ground surface (bgs).

1999 Product Line Removal. On March 4, 1999, Gettler-Ryan removed the product lines between the USTs and three fuel dispenser islands at the Site.

2000 UST Removal Action. Between August 28, 2000 and September 6, 2000, two 10,000-gallon capacity unleaded gasoline USTs, one 8,000-gallon capacity UST, and associated product lines and dispensers were removed from the Site.

3.3: ASSESSMENT AND REMEDIATION CHRONOLOGY

1992 Initial Subsurface Investigation. An initial subsurface investigation was performed at the Site in March 1992. Six SVE wells (V-1 through V-6) were installed around the former UST basin and near the former waste oil

UST. Groundwater monitoring wells MW-1 and MW-2 were installed at depths of approximately 70.5 feet and 61.5 feet bgs, respectively, to intercept a perched groundwater horizon[1]. Results of this investigation indicated that soil and groundwater near the gasoline and waste oil USTs had been impacted by petroleum hydrocarbons, including low boiling point hydrocarbons quantified as total petroleum hydrocarbons (TPH) as gasoline (TPHg; or gasoline range organics [GRO]), higher boiling point hydrocarbons quantified as TPH as diesel (TPHd; or diesel range organics [DRO]) and total recoverable petroleum hydrocarbons (TRPH). Low concentrations of semi-volatile organic compounds (SVOCs) and polychlorinated biphenyls (PCBs) were also reported in soil samples collected during the assessment.

In July 1992, SVE well V-7 was installed to a depth of 40 feet bgs, and an SVE pilot test was performed at the Site. In August 1992, deep groundwater monitoring well MW-3D was installed to a depth of approximately 220 feet bgs to intercept the upper portion of the regional groundwater aquifer[2]. The GPP noted in a letter dated July 5, 2001, that "MW-3D is screened from 202 bgs to 220 feet bgs (below an approximate 10-foot-thick clayey silt to silty clay zone) and may represent the deeper drinking water aquifer." Analytical data from soil samples collected during installation of vapor extraction and groundwater monitoring wells are presented in **Table 2a**. The soil vapor extraction well and monitoring well locations are presented in **Figure 3a.**

1993 Groundwater Sampling and Temporary SVE System Install. In January 1993, quarterly groundwater monitoring activities were initiated at the Site. Installation of vapor extraction and conveyance pipelines and construction of a vapor extraction and treatment system in the southwest corner of the Site were completed on March 30, 1993. On May 19, 1993, SVE well V-8 was installed to a depth of approximately 60.5 feet bgs. On May 20, 1993, groundwater monitoring well MW-4 was installed to a depth of approximately 61.5 feet bgs to further assess groundwater quality in the perched groundwater horizon. Analytical data from soil samples collected during installation of V-8 and MW-4 are presented in **Table 2a**. The monitoring well and SVE well locations are presented on **Figure 3b.** A temporary SVE system with an internal combustion engine began operation on July 13, 1993[3].

1994 – 1997 SVE System Operation and Shutdown. The SVE system was shut down due to noise issues on April 21, 1994. The internal combustion engine was removed from the Site on April 26, 1994. An Airex KATOX 100C55 catalytic oxidizer was installed at the Site in May 1995[4]. The SVE system operated full time from June 13, 1995 to October 10, 1995. The operation schedule of the SVE system was then modified to two months of operation followed by two months of non-operation. Operation of the SVE system continued with a two-month operation and two-month non-operation schedule until February 10, 1997. The SVE system was restarted on September 22, 1997 to perform a four-week system evaluation. On October 15, 1997, the SVE system was shut down with approval from the GPP[5].

1997 Waste Oil UST Removal. On October 21, 1997, Gettler-Ryan removed a 520-gallon capacity waste oil UST and excavated the UST cavity to approximately 9 feet bgs. A soil sample (WO-1-8) collected at 8 feet bgs (2 feet below the bottom of the tank) had reported concentrations of 2,700 milligrams per kilogram (mg/kg) GRO and 2,700 mg/kg DRO. On October 30, 1997, Gettler-Ryan over-excavated the former waste oil UST pit to a depth of

[1] SEACOR, 1992, *Technical Report, Phase 1 Site Investigation*. July 31.
[2] SEACOR, 1992, *Technical Report, Phase II Site Investigation.* December 9.
[3] SEACOR, 1993, *Project Status Report – Investigation and Remediation.* July 29.
[4] SEACOR, 1994, *Quarterly Groundwater Monitoring and Site Status Report, Second Quarter 1995.* July 27.
[5] SEACOR, 1997, *Revised Soil Vapor Extraction System Evaluation Report.* November 1997.

approximately 15 feet bgs. Stained soil was observed on the eastern wall of the pit approximately 4 feet bgs during over-excavation. With approval from the GPP, the over-excavation was extended in an easterly direction approximately 3 feet from the edge of the original excavation to a depth of 7 feet bgs. Three soil samples (WO-2-15, WO-3-7, and WO-4-4) were collected from the over-excavation areas and the results indicate mass was left in the subsurface. DRO concentrations ranged from 330 mg/kg to 4,000 mg/kg with the sample collected at 15 feet bgs reporting 3,100 mg/kg DRO, 2,900 mg/kg GRO, 16 mg/kg total xylenes, and 0.69 mg/kg MTBE (**Table 2a**). Approximately 60 cubic yards (yd^3) of soil excavated from the tank cavity was transported for offsite disposal by Dillard Trucking. A new waste oil UST and associated piping and vents were installed in the same tank cavity, the over-excavation was backfilled, and the surface asphalted on October 31, 1997[6]. Analytical data from soil samples collected during the waste oil UST removal and excavation are presented in **Table 2a**. The extent of the excavations and soil sample locations are presented on **Figure 3b**.

1998 Soil Investigation. In January 1998, six confirmation soil borings (CSB-1 through CSB-6) were advanced to determine if operation of the temporary SVE system had reduced the hydrocarbon concentration in soil to levels acceptable for regulatory case closure **(Figure 3b)**. The borings were advanced using hollow stem augers to depths ranging from 30.5 feet to 55.5 feet bgs. Soil samples were analyzed for GRO, benzene, toluene, ethylbenzene, xylenes (BTEX), and MTBE. Soil samples collected from CSB-6, located near the former waste oil UST, were also analyzed for DRO, TRPH, volatile organic compounds (VOCs), halogenated VOCs, PCBs, and total metals. Concentrations of GRO, DRO, and TRPH were present in soil samples collected from CSB-5 and CSB-6. Soil samples collected from CSB-6 were also reported to contain concentrations of heavy oil. Benzene was not detected in any of the soil samples collected. MTBE was reported in soil samples collected from boring CSB-3 at depths of 15 feet bgs and 21 feet bgs with concentrations of 0.66 mg/kg and 0.15 mg/kg, respectively. Concentrations of ethylbenzene, total xylenes, 2-methylnaphthalene, PCB Aroclor 1248, and total metals were detected in soil samples collected from CSB-6 at depths of 5 and 15 feet bgs. Analytical data from soil samples collected during the confirmation soil borings are presented in **Table 2a** and **Table 2b**. On July 6, 1998, the SVE unit was moved from the Site to another station[7].

1999 Product Line Removal. On March 5, 1999, Gettler-Ryan removed the product lines between the USTs and three fuel dispenser islands at the Site. The underlying soil in the trench between the central and northern two dispenser islands had gray staining and emitted a gasoline odor. Six trench floor soil samples (T-1 through T-6) and eight soil samples from beneath the dispensers (D-1 through D-8) were collected at 3 feet bgs and analyzed for GRO, BTEX, MTBE, and lead[8].

Due to concentrations of gasoline constituents in soil samples T-2, T-4, T-6, D-5, and D-8, soil was excavated to approximately 8 to 10 feet bgs and confirmation samples (T-2A, T-4A, T-6A, D-5A, and D-8A) were collected from the bottom of the over-excavated trenches on March 10, 1999. One of the five over excavation samples, T-2A located between the northern and middle dispenser island at 10 feet bgs contained 9,700 mg/kg GRO and 82 mg/kg benzene **(Table 2a)**. Analytical data from soil samples collected from the trench and beneath the dispenser islands are presented in **Table 2a**. The extent of excavations and soil sample locations are presented on **Figure 3c**. Approximately 127 tons of soil were removed from the Site after the excavation and transported by Dillard Trucking to a Browning Ferris Industries offsite disposal facility[5].

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[6] SECOR, 1997, *Waste Oil Tank Removal.* October 24.
[7] SECOR, 1999, *Soil Sampling during Fuel Line Removal and Replacement.* June 25.
[8] SECOR, 1999, *Soil Sampling during Fuel Line Removal and Replacement.* June 25.

2000 UST Removal Action. SVE well V-3 was abandoned on August 29, 2000 in preparation for UST replacement activities. Between August 28, 2000 and September 6, 2000, two 10,000-gallon capacity unleaded gasoline USTs, one 8,000-gallon capacity unleaded gasoline UST, and associated product lines and dispensers were removed from the Site. Analytical data from soil samples collected from beneath the former USTs, over-excavated areas, new UST cavity, and product line and dispenser removal are presented in **Table 2a**. The extent of excavations and soil sample locations are presented on **Figure 3d.** Over-excavation of the UST area was confined to the expansion area intended for the new USTs[9]

During UST replacement activities performed in August and September 2000, Henderson Construction Company, the ARCO subcontractor performing the replacement, reported an unauthorized release of approximately 500 gallons of a gasoline and rinsate water mixture from one of the gasoline USTs. The spill occurred during the attempted removal of a UST with the rinsate water still inside. A portable dual-phase extraction (DPE) system was mobilized to the Site shortly thereafter and operated for a 10-day period to mitigate the effects of the reported release[10].

2001 Installation of MW-5 and MW-6 Monitoring Wells. In November 2001, SECOR International, Inc. (SECOR) installed two groundwater monitoring wells (MW-5 and MW-6) and advanced one soil boring (SB-1) (**Figure 3e**). Maximum concentrations of 21,000 mg/kg GRO and 470 mg/kg MTBE were reported in a sample collected from MW-6 at a depth of 15.5 feet bgs. The maximum benzene concentration (6.9 mg/kg) was reported in a sample collected from MW-5 at a depth of 20.5 feet bgs (**Table 2a**). Wells MW-5 and MW-6 were completed at a depth of 60 feet bgs. Groundwater samples have been obtained consistently from MW-6, but MW-5 has only had water seven times since it was installed[11]. Historical groundwater analytical data are presented in **Table 3**.

2003 Additional Characterization near MW-5. In April 2003, URS Corporation (URS) performed additional characterization in the vicinity of MW-5 to determine whether shallow groundwater was present at a depth greater than the 60-foot completion depth of MW-5, and to characterize the vertical extent of petroleum hydrocarbons and fuel oxygenates near the waste oil UST. Boring MW-5A was drilled adjacent to MW-5 and soil was sampled to a depth of 85 feet (**Figure 3f)**. After drilling through soil identified as sandy clayey silt and clayey silty sand from approximately 60 to 64 feet bgs, the augers were left open for observation at a depth of 66 feet bgs in moist silty sand for over one hour. No water accumulated in the borehole, so an additional well was not installed at this location. No GRO or benzene concentrations greater than the laboratory reporting limits (LRLs) were detected in soil samples collected from 60.5 to 85 feet bgs in the boring. However, MTBE was detected in soil samples collected from 60.5 to 85 feet bgs at concentrations ranging from 0.12 mg/kg to 1.0 mg/kg[12](**Table 2a**).

2005 Additional Soil Characterization. In September 2005, URS advanced nine soil borings (SB-1 renamed SB-1A, SB-2 through SB 5, and SB-7 through SB-10) to depths ranging from 50 to 81.5 feet bgs in order to further assess the vertical and lateral extent of petroleum hydrocarbons in the subsurface (**Figure 3f**). This work was summarized in URS' *Additional Soil and Groundwater Investigation Interim Report*, dated April 5, 2006.

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[9] SECOR, 2001, *Report of Environmental Activities Associated with Underground Storage Tank, Product Line, and Dispenser Replacement.* January 12.
[10] SECOR, 2000, *Report of Interim Remedial Action*, November 21.
[11] SECOR, 2002, *Additional Site Assessment*, May 23.
[12] URS, 2003, *Soil and Water Investigation Report*, June 3.

Soil boring SB-6 was not advanced because no odor or photoionization detector (PID) readings were observed in boring SB-7. Benzene was not detected in onsite borings SB-1A, SB-2, and SB-3, while GRO, toluene, ethylbenzene, xylenes, and MTBE were detected. Soil samples collected from borings SB-2 and SB-3 were analyzed for the presence of additional VOCs. SB-3 had reported concentrations of 1,2,4-trimethylbenzene, 1,3,5-trimethylbenzene, n-butylbenzene, and n-propylbenzene above the LRL. Soil samples collected from boring SB-1A, advanced in the vicinity of the waste oil UST, were analyzed for the presence of DRO and Stoddard Solvent; these analytes were detected in the majority of samples collected to a depth of approximately 51.5 feet bgs (**Table 2a**). GRO, BTEX, and fuel oxygenates were not detected in the soil samples collected from offsite borings SB-4, SB-5, and SB-7 through SB-10 at concentrations above the LRLs.

Grab groundwater samples were collected from onsite boring SB-3, and offsite borings SB-4, SB-5, and SB-7 through SB-10. The grab groundwater sample collected from onsite boring SB-3 at approximately 60.5 feet bgs, contained concentrations of GRO, BTEX, MTBE, 1,2-4 trimethylbenzene, and 1,3,5 trimethylbenzene (**Table 4**). The grab groundwater samples collected from the offsite soil borings did not contain GRO, BTEX, and oxygenates at concentrations greater than the LRLs. Based upon the results of this investigation, URS recommended the installation of three additional offsite groundwater monitoring wells (MW-7 through MW-9) presented on **Figure 3g** to further delineate the lateral extent of dissolved petroleum hydrocarbons offsite[13].

2008 Installation of MW-7, MW-8, and MW-9. On August 28 and 29, 2008, wells MW-7 through MW-9 were installed (**Figure 3g**). Results of the investigation and an updated CSM were presented in the Stantec *Additional Site Assessment Report and SCM* dated June 14, 2010[14].

2010-2011 Additional Assessment and Remediation Feasibility Test. In a letter dated July 6, 2010, the GPP requested a workplan for remediation feasibility testing. The proposed feasibility testing scope of work was presented in Stantec's *Additional Assessment and Remediation Feasibility Test Workplan* (Workplan) dated October 29, 2010. The GPP issued a letter dated January 13, 2011, stating the information provided in the Workplan serves as a Remedial Action Plan (RAP), and thus required BP to forego SVE feasibility testing and move directly to active SVE remediation[15]. The GPP letter also directed submittal of an addendum to the Workplan. BP provided the revised assessment and remediation workplan to the GPP via email on March 1, 2011.

In June and July 2011, Stantec completed additional assessment and bench-scale feasibility testing. The work involved the installation of three additional onsite (MW-10) and off-site (MW-11 and MW-12) groundwater monitoring wells to further characterize petroleum hydrocarbons in soil and groundwater, the installation of two additional SVE wells (V-9 and V-10) for expansion of the existing offline SVE system, and the installation of one dual-nested soil vapor probe (SV-1S/SV-1D) near the western property line to evaluate vapor phase petroleum hydrocarbon intrusion risk toward nearby potential receptors west of the site from the former waste oil and gasoline UST source areas. Analytical data from soil samples collected during installation of monitoring and vapor extraction wells are presented in **Table 2a** and installed well locations are presented on **Figure 3h**. On December 21, 2011, Stantec collected soil vapor samples from vapor probes SV-1S and SV-1D. The tetrachloroethylene (PCE) concentrations reported in the vapor samples collected from SV-1S and SV-1D are

[13] URS, 2006, *Additional Soil and Groundwater Interim Report,* April 5.
[14] Stantec, 2010, *Additional Site Assessment Report and Site Conceptual Model*, June 14.
[15]Stantec, 2010, *Additional Assessment and Remediation Feasibility Test Workplan*, October 29.

likely derived from operations at the former Southgate Cleaners located west of the Site (**Table 5**). Details of the completed assessment and In-Situ Chemical Oxidation (ISCO) feasibility testing utilizing hydrogen peroxide (H2O2), and an updated CSM were presented in the Stantec's report dated February 14, 2012[16].

2011-2012 SVE System Installation. Phase 1 of the SVE system installation began in August 2011 and included connection of the new SVE wells V-9 and V-10 and connection of existing well V-4 to an expanded remediation system compound through lateral conveyance piping placed underground. While reviewing historical soil analytical data, it was noted that 1,200 mg/kg GRO was present in a soil sample collected at 46 feet bgs in soil boring SB-1A, located between MW-5 and newly installed well MW-10. Since the shallow SVE wells are screened from 15 to 35.5 feet bgs, Stantec connected groundwater monitoring wells MW-5 and MW-10 (screened from 40 to 60 feet bgs) to the SVE system to insure recovery of hydrocarbon mass present in soil at 46 feet bgs. The extraction piping was installed from V-5 to MW-5 and from V-10 to MW-10 and controlled with a ball valve. The ball valve allows extraction from V-5 or MW-5 and V-10 or MW-10.

Phase 2 of the SVE system installation was completed in February 2012 with installation of a thermal oxidizer. System startup and source testing was conducted in July 2012 upon completion of Pacific Gas & Electric (PG&E) utility connection and Bay Area Air Quality Management District (BAAQMD) air permitting[17]. Stantec's *Soil Vapor Extraction System Source Test Report* was submitted to the GPP on October 19, 2012, in accordance with their directive. The SVE system startup was completed on October 22, 2012[16].

2012 SVE Source Test. In a letter dated June 19, 2012, GPP issued a notice of violation (NOV) for the failure to begin operation of the SVE system. Although significant progress had been made, additional tasks that required completion before the new SVE system could be started included connection of power and natural gas services from PG&E and issuance of an Authority to Construct (ATC) permit from the BAAQMD. As communicated to the GPP in electronic correspondence dated June 12, 2012, the BAAQMD delayed issuance of the ATC permit due to concern about chlorinated solvents present in soil vapor beneath the Site and the potential for dioxin formation when operating the thermal oxidizer to treat chlorinated solvents present in the extracted soil vapor. In order to maintain compliance with ATC permit conditions, Stantec performed an SVE source test on July 2 and 3, 2012 using Granular Activated Carbon (GAC) vessels arranged in series. Following installation of the GAC vessels, Stantec worked with the SVE equipment manufacturer to modify the SVE system controls, bypass the thermal oxidizer, and re-route the extracted soil vapor through the GAC vessels for treatment[18]. As part of the source test, individual extraction well vapor samples were analyzed for contaminant concentrations. Stantec evaluated influent vapor analytical data to determine the total chlorinated atom mass and determine whether the dioxin health risk trigger level would be exceeded. The calculated dioxin trigger level was not exceeded, and the thermal oxidizer was placed back online[19].

2013 Additional Soil and Groundwater Assessment. Between March 18 and 27, 2013, Stantec supervised National Exploration, Wells, and Pumps (NEWP) during advancement of three soil borings (SB-11 through SB-13). Analytical data from soil samples collected during advancement of the soil borings are presented in **Table 2a** and soil boring

[16]Stantec, 2012, *Additional Assessment Report of Findings, Bench Scale Feasibility Test Report, and Site Conceptual Model*, February 14.
[17]Stantec, 2013, *Remediation System Installation Report*, April 12, 2013.
[18] Stantec, 2012, *Soil Vapor Extraction System Source Test Report*, October 19.
[19]USEPA, 2004, How to Evaluate Alternative Cleanup Technologies for Underground Storage Tank Sites, May 2004

locations are presented on **Figure 3i**. Soil and groundwater samples were submitted to JAG Consulting Group for bench scale testing and analysis. The results, including an updated CSM, are summarized in Stantec's *Additional Assessment Report, Bench Scale Feasibility Test Report, and Site Conceptual Model* dated June 13, 2013. The GPP reviewed the report and responded in a letter dated March 18, 2014. The GPP requested a workplan for additional assessment and well replacement. Stantec submitted the requested workplan on June 19, 2014[20]. The workplan was conditionally approved by GPP in a letter dated August 18, 2014.

2014-2015 Additional Soil and Groundwater Assessment. Between December 2014 and February 2015, Stantec completed additional assessment that included the following scope of work:

- Advanced four soil borings (SB-14 through SB-17) to depths ranging from 130 to 180.5 feet bgs.
- Installed six groundwater monitoring wells (MW-1R, MW-13 through MW-17) to depths ranging from 32 to 62.5 feet bgs. The data was used to further assess the lateral and vertical extent of MTBE in soil and the lateral extent of MTBE present in the shallow perched groundwater zone underlying the site at approximately 44 feet bgs.
- Installed four groundwater monitoring wells (MW-4D through MW-7D) to depths ranging from 160 to 166 feet bgs to assess the shallow regional groundwater underlying the Site at approximately 150 feet bgs.
- Advanced three hand augers borings (HA-1 through HA-3) adjacent to the dispenser islands to further assess the extent of MTBE in soil at 5 feet bgs.

Analytical data from soil samples collected during soil boring advancement and well installations are presented in **Table 2a** and locations are presented on **Figure 3j** and **Figure 3k**. Based on the assessment results, the vertical extent of MTBE in soil was defined to a maximum depth of 110 feet bgs (**Table 6**) and the lateral extent was defined south and east of the Site. MTBE in perched groundwater was also defined to the south and east of the Site. MTBE was only reported in a deep, water sample collected from MW-4D at a concentration of 1.9 micrograms per liter (µg/L)[21].

October – November 2015 Additional Assessment – During October and November 2015, Stantec completed the following activities at the Site:

- To assess the lateral extent of MTBE in soil between the perched groundwater zone extending to approximately 55 to 64 feet bgs and the shallow regional groundwater zone extending to approximately 145 to 150 feet bgs, and to assess the lateral extent of hydrocarbons in the perched zone and shallow regional groundwater zone, soil borings were advanced to the west (SB-18) and west-northwest (SB-19) of the Site. Analytical results indicate that MTBE is present in soil at concentrations ranging from 0.006 to 0.11 mg/kg at depths between 100 and 120 feet bgs in SB-18. A sample collected at 130 feet bgs defines the vertical extent of MTBE in this area. Non-detect results from samples collected from SB-19 define the lateral extent of impacts to the west-northwest of the Site.
- Groundwater monitoring well MW-18 was installed to a total depth of 64.5 feet bgs to assess the perched groundwater zone west of the Site.
- Due to a potentially unsuitable screen interval, the GPP approved the destruction groundwater monitoring well MW-1 by over-drilling. The screen interval of MW-1 was only 4 to 5 feet above the depth to groundwater and screened 10 feet deeper than surrounding wells in the perched groundwater

[20] Stantec, 2014, *Workplan for Additional Assessment*, June 19.
[21] Stantec, 2015, *Additional Assessment Report and Site Conceptual Model*, February 25.

zone, potentially providing groundwater samples that were not representative of the top of the perched groundwater zone. Replacement well MW-1R was installed approximately 7 feet east of the MW-1 location at a total depth of 60 feet bgs in December 2014.

- To better assess groundwater conditions in the perched zone southwest of the Site, Stantec oversaw the installation of groundwater monitoring well MW-11R. Well MW-11 was over-drilled and deepened to 65 feet bgs for the installation of MW-11R. The original depth of MW-11 was 50 feet bgs.
- Vapor extraction wells V-12 and V-13 were installed to total depths of 90 feet bgs and screened from 70 feet bgs to 90 feet bgs to facilitate the remediation of deep MTBE concentrations in the northwest quadrant of the Site.
- To assess the extent of waste oil impacts to soil near the existing waste oil UST in the southwest corner of the Site, soil borings SB-21 and SB-22 were advanced to 40 and 35 feet bgs, respectively. Significant reductions in GRO, oil range organics (ORO), BTEX and MTBE concentrations were reported in samples collected from borings SB-21 and SB-22 when compared to historical data from borings CSB-6, MW-5A and well V-5[22] (**Table 2a, Figure 3l**).

May 2016 – Additional Assessment and Vapor Extraction Pilot Test – In order to assess the lateral extent of MTBE in soil between perched and regional groundwater, and to assess the lateral extent of hydrocarbons in soil in the perched groundwater zone to the north and northwest of the Site, Stantec oversaw the completion of the following work between May 9 and 20, 2016:

- Advanced soil boring SB-20D to the northwest of the Site. Soil boring SB-20D was advanced after refusal was encountered in attempted borings SB-20, SB-20B, and SB-20C in the Daly City Right-of-Way at approximately 23 feet bgs. Borings SB-20 and SB-20B were attempted in October 2015, and boring SB-20C was attempted in February 2016. Only MTBE concentrations were detected in soil samples collected from SB-20D at depths between 69.5 and 131 feet bgs. No other analytes were detected above the LRLs in soil samples collected from SB-20D.
- Installed monitoring well MW-19 northwest of the Site to assess the perched groundwater zone. MW-19 was installed to a total depth of 62.5 feet bgs with 10 feet of screen from 52.5 to 62.5 feet bgs. Soil analytical results from MW-19 did not have reported detections above the LRLs for any analyte.
- Advanced and installed offsite well V-14 to facilitate soil vapor extraction feasibility testing in the SVE wells screened from 70 to 90 feet bgs offsite. V-14 was installed to a total depth of 90 feet bgs with 20 feet of screen from 70 to 90 feet bgs. MTBE was detected in soil at concentrations ranging from 0.21 to 2.7 mg/kg at depths between 76 and 86 feet bgs. Tert-butyl alcohol (TBA) was present at a concentration of 1.2 mg/kg in the soil sample from 86 feet bgs. No other analytes were detected above the LRLs in soil samples collected from V-14 (**Table 2a, Figure 3m**).

Stantec performed pilot testing activities in the vicinity of V-14 on July 14 and 15, 2016. Pilot testing consisted of a step test, radius of influence (ROI) test, and sample collection to estimate potential MTBE mass removal rates. Step testing was performed by applying a vacuum of approximately 2, 4, 6, and 8 inches of mercury (inHg), measured at the system to extraction well V-11. A relatively linear relationship developed between the applied vacuum and the extracted flow rate, indicating that the system could operate at up to 8 inHg vacuum and not experience significant reduction in flow due to constriction of the well screen from lithology. ROI testing consisted of applying a vacuum between 8 and 9 inHg at the system, which resulted in 40 to 60 inches of water (inH_2O) at the wellhead. Vacuum influence measurements collected at V-12 and V-13, located 41 and 37 feet

[22] Stantec, 2015, *Additional Assessment Report*, November 16.

from the test well, respectively, were measured to be approximately 50% of the applied vacuum. The observed vacuum at V-14, located 89 feet from the extraction well, was measured to be approximately 25% of the applied vacuum. Based on these results, an estimated maximum deep well radius of effective air exchange of 96 feet was produced. To determine the concentration of MTBE in extracted soil vapor and allow for the estimation of MTBE mass removal rates during continuous operation, influent and effluent vapor samples were collected approximately halfway through the ROI test and submitted for laboratory analysis. Based on vapor concentrations obtained through laboratory analysis, the estimated MTBE mass removal rate from V-11 through the duration of the pilot test study was 1.69 pounds per day (lbs/day)[23].

July 2017 – Subsurface Investigation. To better delineate down gradient impacts located within the shallow regional groundwater zone at approximately 145 to 150 feet bgs., Antea Group oversaw Cascade Drilling, Inc. (Cascade) advance one soil boring to 162 feet bgs in a parking lot at the northeast corner of Southgate Avenue and Lake Merced Blvd between July 17 and 19, 2017 (**Figure 3m**). The boring was completed as deep monitoring well MW-9D, built at a total depth of 155 feet with 20 feet of screen from 135 to 155 feet bgs. A total of five soil samples were collected during this investigation and submitted for laboratory analysis. None of the five samples submitted had concentrations of petroleum hydrocarbon constituents that exceeded the LRLs[24] (**Table 2a**).

August 2017 – Radius of Influence Vacuum Test. On June 16, 2017, GPP staff directed BP to connect V-14 to the SVE system based on a belief that the need for dilution air to operate the SVE system was not effectively removing MTBE from the soil near V-14. On August 25, 2017 Antea Group conducted another test on deep zone wells V-11, V-12, V-13 and V-14 to determine the ROI of the SVE system while operating with dilution air. Well V-12 was isolated for the ROI test due to its proximity to well V-14 using the existing SVE system operated with dilution air. An applied vacuum of 78 inH_2O was maintained at well V-12 for one hour. Wells V-11, V-13 and V-14 located approximately 41, 47 and 67.5 feet from V-12, were observed to have induced vacuums of 44, 46 and 31 inH_2O, respectively. The Environmental Protection Agency (EPA) has determined a minimum vacuum of 0.1 inH_2O is required to adequately influence volatilization and extraction of vapors[25]. Based on the ROI test results, Antea Group conservatively estimated an ROI greater than 1.0 inH_2O at approximately 330 feet, sufficient to remediate MTBE impacts near V-14[26].

March 2018 – Waste Oil Investigation. Antea Group advanced seven soil borings around the waste oil tank (SB-23 through SB-29) in response to a GPP directive from January 26, 2018. Concentrations of benzene, ethylbenzene, naphthalene, and poly-aromatic hydrocarbons (PAHs) from this investigation are below the LTCP residential thresholds. Additionally, shallow soil sample results for GRO, DRO, and ORO did not exceed the 2019, Revision 2 Tier 1 San Francisco Bay Regional Water Quality Control Board Environmental Screening Levels (ESLs) of 100 mg/kg, 260 mg/kg, and 1,600 mg/kg, respectively. Additionally, benzene, ethylbenzene, and naphthalene levels in soil collected during the 2015 waste oil investigation (SB-21 and SB-22) meet the residential soil criteria for direct contact and outdoor air exposure in the LTCP[27].

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[23] Stantec, 2016, *Additional Assessment and Vapor Extraction Pilot Test Report*, August 29.
[24] Antea Group, 2017, *Subsurface Investigation Report*, November 30.
[25] USEPA, 2004, How to Evaluate Alternative Cleanup Technologies for Underground Storage Tank Sites, May 2004.
[26] Antea Group, 2018, *Radius of Influence Vacuum Test Report*, March 1.
[27] Antea Group, 2018, *Waste Oil Area Investigation Report*, July 10.

May 2018 – Deep Soil Investigation. Antea Group advanced soil boring SB-30, near V-14 to 110 feet bgs to determine if deeper soil is being remediated near V-14 (**Figure 3n**). The investigation detected a maximum of 0.45 mg/kg TBA and 1.2 mg/kg of MTBE in soil between 81 and 91 feet bgs; however, MTBE and TBA in soil above and below those depths were non-detect (**Table 2a**). Unlike nearby well V-14, no concentrations were detected in the sample collected at 66 feet bgs in SB-30, which may indicate soil is being remediated in this area due to the high radius of influence from onsite wells. To further support this conclusion, soil collected at 86 feet bgs from SB-30 had a lower concentration of MTBE (0.45 mg/kg) than that previously recorded in V-14 (2.4 mg/kg); although, the result for the SB-30 sample is an estimated value[28].

October 2018 – Additional Waste Oil Investigation. Antea Group advanced two soil borings, SB-31 and SB-32, in the area of the former and current waste oil tank in response to a GPP directive issued September 20, 2018 (**Figure 3n**). Analytical results for soil collected during investigations in March and November 2018 in the waste oil tank area (SB-23 through SB-29, SB-31, and SB-32) meet the LTCP media-specific criteria for residential direct contact and outdoor air exposure. Analytical results for samples from SB-31 and SB-32 show decreasing Stoddard Solvent concentrations when compared to previously collected soil samples from MW-5. Soil samples from MW-5 at depths from 15.5-30.5 feet bgs had Stoddard Solvent detections ranging from 6,300 mg/kg to 47,000 mg/kg. Soil samples collected from SB-31 and SB-32 at depths from 15 to 35 feet bgs had a maximum Stoddard Solvent concentration of 1,500 mg/kg (**Table 2a**). Based on soil analytical data, Antea Group proposed that the implementation of a remedial action plan, as discussed in the November 2017 work plan, was unnecessary as the shallow soil near the waste oil tank meets the LTCP direct contact criteria for residential areas. The previously implemented shallow soil vapor extraction and removal of surface material during the soil vapor system installation and expansion appeared to have been effective in remediating the shallow soil near the waste oil tank[29].

March 2019 – Deep Soil and Groundwater Investigation

From February 19 through March 14, 2019 Antea Group oversaw the installation of monitoring wells MW-16D, MW-18D, and MW-19D by Cascade (**Figure 3o**). The December 2018 GPP letter stated that the vertical extent of MTBE in the vicinity of V-14 may not have been properly assessed during the advancement of SB-30, based on the termination depth of 110 feet bgs. Antea Group believes this has been accomplished with the advancement of MW-16D. Antea Group collected four soil samples between 120 feet bgs and the point of termination at 135 feet bgs. The samples did not have reported MTBE concentrations above the LRLs, which varied between 0.0035 mg/kg and 0.0041 mg/kg, or the ESL of 0.028 mg/kg (**Table 2a**).

Soil collected from MW-16D at 81 feet, 86 feet, and 91 feet bgs had MTBE concentrations of 0.97 mg/kg, 0.71 mg/kg, and 2.7 mg/kg, respectively; however, MTBE in groundwater was not detected above the LRL in that location, suggesting adsorbed impacts are not affecting the shallow regional aquifer. MTBE concentrations in the samples from both 81 feet bgs and 86 feet bgs were similar to those found in SB-30 at the same depths, and less than the concentrations in the soil samples collected from V-14 at the same depths (**Table 2a**). The MTBE concentration detected in soil from MW-16D at 91 feet bgs was higher than that detected in the sample collected from SB-30 at the same depth. This concentration is also higher than that collected from SB-16 at the same depth in 2016; however, of the five samples with MTBE detections above the ESL in SB-16, four confirmation samples from corresponding depths in MW-16D had lower MTBE concentrations. These analytical

[28] Antea Group, 2018, *Deep Soil Investigation Report*, September 21.
[29] Antea Group, 2018, *Additional Waste Oil Area Investigation Report*, December 12.

results, along with previously obtained ROI data, further support the conclusion that the soil in this area could be influenced by the onsite vapor extraction wells, which was initially presented in the *Deep Soil Investigation Report*, dated September 21, 2018[30]

June -August 2019 Pilot Testing. On July 10, 2019, BP connected V-14 to the SVE system with above ground piping to determine if extraction from V-14 would increase recovery of the residual MTBE mass in the area of MW-16D (SB-16, SB-30 and V-14). The SVE system and vapor extraction well V-12 were modified to enable isolation of and extraction from V-14. The subsequent testing on V-14 resulted in a maximum MTBE mass removal rate of 0.002 lbs/day. Additionally, the rapid depletion and slow recharge of oxygen in the deep zone demonstrated that the deep extraction wells are isolated from the perched zone and air being extracted via the SVE system is from the deep zone only and no short circuiting is occurring.

To confirm the results of the initial testing, BP again connected V-14 to the SVE system on August 6, 7 and 8, 2019, resulting in a maximum MTBE mass removal rate of 0.010 lbs/day. The results of the six days of pilot testing that occurred between July and August 2019 show that connecting V-14 to the existing SVE system will not add a notable increase in MTBE mass removal to what is currently being extracted and appears to even dilute the MTBE concentrations in the soil vapor being extracted from well V-12. Furthermore, optimizing the system to extract from only V-12, the configuration that resulted in the highest mass removal of the four configurations tested, would only remove 0.63 lbs/day of MTBE from the subsurface. Based on the results of the pilot testing, BP does not believe that SVE in any configuration would be effective in further remediating the MTBE present in the vicinity of V-14 and recommended ceasing operation of the SVE system[31]. The GPP concurred with the recommendation to shut down the SVE system in a letter dated November 13, 2019.

February 2020 – Shallow Soil Assessment. On February 18, 2020, two soil borings (HA-4 and HA-5) were advanced onsite near the fuel dispenser pumps to verify the concentrations of GRO, benzene, ethylbenzene, MTBE, and naphthalene on either side of historic soil samples T-2, T-2A, and D-4, which were collected during station upgrade activities on March 5 and March 10, 1999, near a product piping and dispenser excavation. Analyte concentrations for the samples collected during this investigation did not exceed laboratory reporting limits, and the laboratory reporting limits for benzene, ethyl benzene, and naphthalene are well below LTCP limits for direct contact and outdoor air exposure and utility workers[32].

3.4: REGIONAL GEOLOGIC AND HYDROGEOLOGIC CONDITIONS

Geologic maps of San Mateo County[33][34] show and describe stratigraphy beneath the Site as comprised of (from youngest to oldest):

- **Artificial Fill** (Qaf) - Quaternary – "Loose to very well consolidated gravel, sand, silt, clay, rock fragments, organic matter, and manmade debris in various combinations. Thickness is variable and may exceed 30 m in places". The artificial fill is generally compacted and firm except for the fill made before 1965.

[30] Antea Group, 2019, *Deep Soil and Groundwater Investigation Report*, April 30.
[31] Antea Group, 2019, *V-14 Soil Vapor Extraction Pilot Test Report*, September 10.
[32] Antea Group, 2020, *Shallow Soil Assessment Report*, April 20.
[33] E. Brabb and E. Pampeyan, 1952, *Preliminary Geologic Map of San Mateo County, California*, United States Geologic Survey Miscellaneous Field Studies Map MF-328.
[34] E.E. Brabb, R. W. Graymer and D.L. Jones, 1998, *Geology of the Onshore Part of San Mateo County, California: A Digital Database*, United States Geologic Survey Open File 98-137.

- **Colma Formation** (Qc) - Pliestocene – "Yellowish-gray and gray to yellowish-orange and red-brown, friable to loose, fine- to medium-grained arkosic sand with subordinate amounts of gravel, silt, and clay". Helley et al (1979) describes the Colma Formation as pale, loose or friable well-sorted fine- to medium-grained sand with subordinate gravel, sandstone, siltstone, and claystone and a maximum thickness of about 200 feet[35]. Groundwater is unconfined in the Colma Formation but near Lake Merced, a confining layer is present[36]. Groundwater flow in the Colma Formation has previously been toward pumping wells south of Lake Merced[37].

  Merced Formation (QTm) - Lower Pleistocene and Upper Pliocene – "Medium-gray to yellowish gray and yellowish orange, medium- to very fine-grained, poorly indurated to friable sandstone, siltstone, and claystone, with some conglomerate lenses and a few friable beds of white volcanic ash. In many places, sandstone is silty, clayey, or conglomeratic. Some of the conglomerate, especially where fossiliferous, is well cemented". Extensive and thick clay layers are only found in the Merced Formation and are rare in the Colma Formation[38]. Hunter et al. (1984) estimated the thickness of the Merced Formation to be 2,000 meters in the Lake Merced area, and note that deposits of the uppermost layer of the Merced Formation and the bottom of the Colma Formation are similar in texture and structure, making the two formations difficult to distinguish from one another[39].

The Site lies within the boundaries of the Westside Groundwater Basin (the Basin)[34]. The primary water-bearing geologic units in the Basin are the Colma and Merced Formations. The Basin is divided into three aquifer zones identified as the Shallow, Primary Production, and Deep aquifers. A marker clay separating the Shallow and Primary Production aquifers in the Lake Merced area is referred to as the -100-foot Clay and based on the clay layer noted at 190 feet bgs on the boring log for well MW-3D it appears to be present beneath the Site area despite being absent in much of Daly City. According to the San Francisco Public Utilities Commission (SFPUC), production wells in the Primary Production aquifer are typically screened deeper than 200 feet bgs. The nearest surface water is Lake Merced, located approximately 4,200 feet to the north-northwest.

3.5: SITE GEOLOGIC AND HYDROGEOLOGIC CONDITIONS

Based on the logs for borings drilled at the Site (**Appendix C**), the subsurface can be characterized by three stratigraphic units, as follows:

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[35] Helley, E.J., Lajoie, K.R., United States Geological Survey, Spangle, W.E., Blair, M.L., William Spangle and Associates, 1979, *Flatland deposits of the San Francisco Bay Region, California – their geology and engineering properties, and their importance to comprehensive planning,* Geological Survey Professional Paper 943.

[36] San Francisco Bay Regional Water Quality Control Board, 1996, *San Francisco and Northern San Mateo County Pilot Beneficial Use Designation Project: Part I: Draft Staff Report*, April 4.

[37] San Francisco Public Utilities Commission, 2018, *Annual Groundwater Monitoring Report Westside Basin, San Francisco and San Mateo Counties, California*, April.

[38] Yates, E. B., S. N. and L. Horowitz-McCann, 1990. *Geohydrology, Water Quality and Water Budgets of Golden Gate Park and the Lake Merced Area in the Western Part of San Francisco, California*, U.S. Geological Society, Water Resources Investigation Report 90-4080.

[39] Hunter, R.E., Clifton, H.E., Hall, N.T., Csaszar, G., Richmond, B.M., and Chin, J.L., 1984, *Pliocene and Pleistocene coastal and shelf deposits of the Merced Formation and associated beds, northwestern San Francisco Peninsula, California,* Society of Economic Paleontologists and Mineralogists Field Trip Guidebook 3. Midyear Meeting. pp. 1-29.

- **Sand Unit A** - Yellow brown to gray, loose, fine-grained sand to silty sand extending from ground surface to depths between 40 and 65 feet bgs. North and northeast of the Site (under and north of Southgate Avenue), Sand Unit A is interbedded with discontinuous lenses of yellow brown, olive brown, and black silt and clay as depicted on the boring logs for MW-15, MW-19, MW-19D, SB-20D, SB-5, SB-7, SB-10 and MW-9D. Perched water lies within Sand Unit A atop Fine-Grained Unit A described below. Shallow monitoring wells are screened in the perched water zone.
- **Fine-Grained Unit A** – Semi-continuous yellow brown, olive/dark brown, and black clayey sand to sandy clay and silt underlying Sand Unit A. Based on Site boring logs, Fine-Grained Unit A ranges in thickness from a minimum of 1-foot to a maximum of 15 feet but is most commonly 2.5 to 6 feet thick. To the northeast, Fine-Grained Unit A seems to thicken, and the color darkens to black (SB-7, MW-9, MW-9D). Fine-Grained Unit A is absent from the logs for borings SB-1A, SB-11 and SB-13, and wells MW-11R, V-12, V-13 and V-14, and is described as coarser on the logs for wells V-11, MW-10, MW-12, MW-14, and MW-15 located on the western and southern sides of the Site. Wells MW-5, MW-10, MW-11R, MW-12, MW-14, MW-15, V-11, V-12, V-13 are frequently dry or have insufficient water to collect a sample.
- **Sand Unit B** - Underlying Fine-Grained Unit A, is fine-grained sand to silty sand similar to Sand Unit A, except denser and darker in color (brown to dark brown). Groundwater has been encountered at depths between approximately 103 and 150 feet bgs within this unit, which comprises the regional Shallow aquifer[40]. The most consistent occurrence of groundwater is between 135 and 150 feet bgs (**Table 3**). The Shallow aquifer is continuous beneath the Site and surrounding area. The deep monitoring wells associated with the Site, except MW-3D, are screened within Sand Unit B.

The deepest monitoring well at the Site is MW-3D, screened from 202 to 220 feet bgs beneath a 10-foot thick clay layer logged from 190 to 200 feet bgs. Based on the rise in water level immediately following installation in 1992 and the difference in groundwater elevations compared to the closest deep wells constructed in Sand Unit B (MW-6D and MW-7D), well MW-3D may be constructed within the Primary Production aquifer. Since 2015, groundwater elevations in both MW-6D and MW-7D have ranged from 11 to 3 feet higher than the groundwater elevation in MW-3D. Comparatively, the difference in groundwater elevation between MW-6D and MW-7D over the same period has been a maximum of 1.19 feet.

Groundwater elevations in Site monitoring wells during First Quarter 2020 ranged from approximately 40.45 feet to 59.78 feet above NGVD29 in wells screened within Sand Unit A (Zone A wells), and from approximately -27.44 feet to -26.59 feet below NGVD29 for wells screened within Sand Unit B (Zone B wells) (the data for MW-19D collected on January 10, 2020 was erroneous). Groundwater elevation in the first Zone A monitoring wells installed at the Site (MW-1 and MW-2) ranged from approximately 43.90 feet to 44.02 feet above NGVD29 during Second Quarter 1992. Groundwater elevation in the first Zone B monitoring wells installed at the Site (MW-4D, MW-5D, MW-6D, and MW-7D) ranged from -45.62 feet to -44.43 feet below NGVD29 during First Quarter 2015. A review of the historical groundwater tables (**Table 3**) indicates groundwater elevation has been rising beneath the Site primarily in Zone B since 1992 resulting in an elevation change of approximately 23 feet with subsurface water rising from -44 feet to -27 feet below NGVD29. In MW-3D groundwater elevation has changed from approximately

[40] San Francisco Public Utilities Commission, 2018, *Annual Groundwater Monitoring Report Westside Basin, San Francisco and San Mateo Counties, California*, April.

-84 feet to -30 feet below NGVD29. During the First Quarter 2020 event the groundwater elevation in MW-3D was -30.44 feet (NGVD29).

SECTION 4.0: SUMMARY OF REMEDIATION ACTIVITIES

This section documents the remedial activities conducted at the Site along with the estimated amount of material removed from the subsurface. The following table provides a summary of the soil and vapor mass removed from the Site during past activities.

Activity	Soil (tons)	Vapor Mass (pounds)	Reference
1993 Temporary SVE System	NA	783	SEACOR, 1993. *Project Status Report – Investigation and Remediation.* July 29.
1993-1994 Internal Combustion Engine SVE System	NA	5,494	SECOR, 1997. *Soil Vapor Extraction System Evaluation Report*, September 4.
1995-1997 Catalytic Oxidizer SVE System	NA	11,608	SECOR, 1997, *Revised Soil Vapor Extraction System Evaluation Report*, November 24.
1997 Waste Oil UST Removal	60	NA	SECOR, 1998, *Waste Oil Tank Removal.* January 6.
1999 Product Line Removal	127	NA	SECOR, 1999, *Soil Sampling during Fuel Line Removal and Replacement.* June 25.
2000 UST Removal Action	1,403	4,333	SECOR, 2000, *Report of Interim Remedial Action*, November 21.
2012-2019 Thermal Oxidizer SVE System	NA	23,257	Stantec, 2017, *First Quarter 2017 Semi-Annual Groundwater Monitoring and Remediation Status Report*, May 12. Antea Group, 2019, *Fourth Quarter 2019 Quarterly Remediation Status Report*, February 15.

4.1: UNSATURATED ZONE REMEDY – SOIL EXCAVATION

Soil excavations associated with UST, piping, and dispenser removal have been conducted at the Site and have removed petroleum hydrocarbon impacted soil from the primary source areas. Excavated soil quantities are listed in the table above and excavation details are provided in **Sections 3.2 and 3.3**. Confirmation soil data is included in **Tables 2a and 2b**.

4.2: UNSATURATED ZONE REMEDY – SOIL VAPOR EXTRACTION

Various soil vapor extraction systems have operated on the Site since 1993, extracting hydrocarbons from the unsaturated zones above and below the perched groundwater zone.

4.2.1: SOIL VAPOR EXTRACTION 1993-1997

From March to May 1993, an internal combustion engine SVE system was installed and started at the Site. The system was operated from July 1993 through April 1994, when the internal combustion engine was removed. During this period of operation, an estimated 5,494 pounds (lbs) of GRO were removed from beneath the Site.[41]

In May 1995, a catalytic oxidizer unit was installed and the SVE system was restarted utilizing the same well array previously used in July 1993. Based on a decrease in extracted petroleum hydrocarbon vapor concentrations by the SVE system and consistently low to non-detectable concentrations in groundwater, the SVE system was shut down in October 1997, and Site closure was requested in November 1997. At that time, the Site and vicinity contained four groundwater monitoring wells (MW-1 through MW-4) and eight SVE wells (V-1 through V-8).

During the period of operation from June 1995 through October 1997, the maximum influent GRO concentration detected was 10,000 µg/L in June 1995. GRO decreased to 230 µg/L just prior to the SVE system shut down. Influent benzene vapor concentrations declined from 100 µg/L in June 1995 to 1.0 µg/L at the time of the final vapor sampling event. An estimated total of 11,563 lbs of GRO and 45.34 lbs of benzene were recovered during operation of the SVE system.[42]

4.2.2: SOIL VAPOR EXTRACTION SOURCE RECOVERY 2000

During UST replacement activities performed in August and September 2000, approximately 500 gallons of a gasoline and rinsate water mixture was released from one of the gasoline USTs. A portable DPE system was mobilized to the Site by Cal Clean, and operated for a 10-day period to mitigate the effects of the reported unauthorized release. Since down-hole stingers were not used and groundwater was not recovered during the test, the equipment was used as an SVE system that extracted soil vapor at 250 standard cubic feet per minute (scfm) with a system vacuum of 16 inHg. A source test was performed utilizing wells V-1, V-2, V-5, and V-8, and SVE was subsequently performed utilizing wells V-1, V-2, and V-5 as extraction wells, and wells V-4, V-6, V-7, and V-8 as observation wells. Individual extraction tests were completed using wells V-1, V-2, and V-5. Results of the system operation were summarized in SECOR's November 21, 2000, *Report of Interim Remedial Action*.[43]

Field observations and measurements recorded during the SVE event resulted in the calculation of a maximum vacuum effective ROI of 50 feet. The ROI was calculated using induced vacuum readings collected from wells V-4, V-6, V-7, and V-8 located 20 to 95 feet away from the extraction well V-2. The induced vacuum readings ranged from 2.3 to 5.5 inH_2O in response to a system vacuum of 16 inHg. During the 240-hour SVE event, approximately 4,333 lbs (713 gallons) of petroleum hydrocarbons were removed from the subsurface, a mass significantly greater than the reported release of approximately 500 gallons of gasoline and rinsate mixture. A review of the data collected during the extraction event indicated that SVE wells located in the vicinity of the former fuel UST cavity and the area of the waste oil UST yielded the highest soil vapor concentrations. Soil vapor concentrations from well V-5 continued on an increasing trend throughout the 10-day period. Well V-5, located adjacent to the waste oil UST cavity, reported soil vapor influent concentrations of 14,400 µg/L GRO, 244 µg/L benzene, and 5,150 µg/L MTBE on October 8, 2000. The soil vapor sample collected while extracting from V-5 was also analyzed for VOCs. Results indicated that BTEX compounds, 1,2,4-trimethylbenzene and

[41] SECOR, 1997, *Soil Vapor Extraction System Evaluation Report*, September 4.
[42] SECOR, 1997, *Revised Soil Vapor Extraction System Evaluation Report*, November 24.
[43] SECOR, 2000, *Report of Interim Remedial Action,* November 21.

1,3,5-trimethylbenzene were present in the sample. Other VOCs were reported as not detected above the specified LRLs.[44]

4.2.3: SOIL VAPOR EXTRACTION SOURCE RECOVERY 2012 – 2019

In 2011 and 2012, the SVE system was expanded and operated at the Site from July 2, 2012 through November 7, 2019. Due to BAAQMD's concern chlorinated solvents could be present in the recovered vapor stream as a result of the spill at the dry cleaner property west of the Site, Stantec conducted SVE using GAC vessels arranged in series from June through August 2012. Following installation of the GAC vessels, Stantec modified the SVE system controls, bypassed the thermal oxidizer, and re-routed the extracted soil vapor through the GAC vessels for treatment. Since August 2012, the major SVE system components include a 25-horsepower (hp) TECO positive displacement (PD) blower and 250 scfm Catalytic Combustion VGTO 250 natural gas fired thermal oxidizer. During the initial system operation, 13 wells (V-1, V-2, V-4 through V-10, MW-1, MW-2, MW-5 and MW-10) were connected to the SVE system via lateral conveyance lines placed underground. The PD blower was used to extract soil vapor from the subsurface through extraction conduits which are connected to the well casing within each well box. Treated soil vapor was discharged under BAAQMD Permit to Operate No. 20770. Soil vapor extraction in the shallow zone was last operated in January 2015. The system was restarted in December 2016, following reconfiguration for extraction from the deep zone wells (V-11, V-12, and V-13). During Fourth Quarter 2019, vacuum was applied only to deep extraction well V-12.

The GPP approved shut down the SVE system in a letter dated November 13, 2019 (**Appendix A**). The total operating hours, runtime, and petroleum hydrocarbon constituent removals are detailed in the table below for the shallow zone operating period, Deep zone operating period, and cumulative operation. Details regarding system operation from 2012 through 2019 are located in **Tables 7 through 10b.**

	Operating Hours	*Operational Uptime*	*GRO Removal*	*Benzene Removal*	*MTBE Removal*
Shallow Zone 6/2012 – 1/2015	14,645	74%	23,071 lbs	27 lbs	1,504 lbs
Deep Zone 12/2016 – 11/2019	11,041	38%	186 lbs	0.8 lbs	245 lbs
Cumulative 6/2012 – 11/2019	**25,718**	**42%**	**23,257 lbs**	**27.8 lbs**	**1,749 lbs**

SECTION 5.0: SENSITIVE RECEPTOR SURVEY

The following section provides information on sensitive receptors identified by Antea Group within a 1-mile radius of the Site. Environmental Data Resources, Inc. (EDR) provided information on potential sensitive receptors within the 1-mile radius that included Day Care Centers, Schools, Hospitals, and Federal Land (**Appendix D**). Antea Group conducted searches for nearby municipal wells using the GeoTracker Groundwater Ambient Monitoring and Assessment (GAMA) program database and through communication with the SFPUC, the City of Daly City Department of Water and Wastewater Resources, and the San Mateo County Office of Sustainability. The following section provides a summary of the EDR report and municipal well search results.

[44] Antea Group, 2019, *Fourth Quarter Quarterly Remediation Status Report*, February 15.

5.1: PUBLIC RECEPTORS

Within the 1-mile search radius, EDR reported a total of 64 sensitive public or environmental receptors, including 35 Day Care Centers, 7 Schools, 19 Hospitals, and 3 Federal Land Sites. Of these 64, only two are located within 1,000 feet of the Site and these are listed in the table below. Details regarding the public and environmental receptors identified are in the EDR report provided as **Appendix D.**

Facility Type	*Distance from Site*	*Direction from Site*	*Elevation Relative to Site*
Daycare	517 feet	ESE	Higher
AHA Hospitals	641 feet	ENE	Higher

5.2: WATER SUPPLY WELLS

Antea Group reviewed the online GAMA database to identify water supply wells within 1,000 feet of the Site and found two wells within the specified radius approximately 500 feet to the southwest. The two wells on GAMA are categorized as municipal wells and designated SF-03 and Westlake.

The July 2012 *South Westside Basin Groundwater Management Plan*, (the 2012 Plan)[45] references three Westlake wells [DC-1 (Westlake), Westlake 1, and Westlake 2]. Table C-1 in the 2012 Plan lists Westlake 1 and Westlake 2 as production wells installed in 1954 and 1955, respectively. The purpose and installation date for well DC-1 (Westlake) are not identified. In 2019, the City of Daly City provided Antea Group with a Department of Water Resources Well Completion Report for a Westlake Well installed in 1995. The construction specifications recorded correlate with those for well Westlake 1 on Table C-1 built in 1954; however, in a September 25, 2018 email, the City lists screen intervals for the existing Westlake well that do not directly correlate with those documented for the three Westlake wells identified in the 2012 Plan. The *2018 Annual Groundwater Monitoring Report Westside Basin San Francisco and San Mateo Counties, California* from the SFPUC, references two Westlake wells, DC-1 Westlake used for monitoring, and production well DC-2 Westlake. When searching for water supply wells within 1,000 feet of the Site, Antea Group spoke with representatives from GAMA, the San Mateo County Office of Sustainability, the SFPUC, and the City of Daly City Department of Water and Wastewater Resources. None of the agencies indicated the existence of more than one Westlake well. Antea Group considers it likely that the main Westlake well is the 1995 well, screened as shown on the Well Completion Report or as described in the 2018 email from Daly City. If a second well still exists as indicated by the SFPUC annual monitoring report, the top of the shallowest screen interval might be 190 feet bgs according to the construction specifications available for the three Westlake wells in the 2012 Plan[44]. The GAMA database includes groundwater analytical data for the Westlake well collected between 1997 and 2018. Benzene and MTBE are among the analytes tested, and neither has ever been detected in the well above the LRLs.

Well SF-03 is identified in the 2012 Plan as having been used in 2007 for the GAMA program study to evaluate risks to groundwater. The 2012 Plan does not provide construction details or describe the final disposition of the well, it is not mentioned in the SFPUC 2018 annual monitoring report, and the agency representatives

[45] Water Resources and Information Management Engineering, Inc., 2012, *South Westside Bain Groundwater Management Plan*, July.

contacted could not confirm its existence. The 2012 Plan also identifies a dedicated monitoring well designated DC-3, which appears on Figure 4.1 near DC-1 and was identified by previous sensitive receptor surveys performed for the Site. Similar to SF-03, the well is not mentioned in the SFPUC 2018 annual monitoring report, and the agency representatives contacted could not confirm its existence. Previous reports with sensitive receptor data also list a well designated Woodlawn No. 2 (1962), Antea Group found no other references to this well and the agency representative contacted could not confirm its existence. Antea Group believes this well was erroneously included in previous reports.

Below are the potential screen details for the Westlake well or wells located approximately 500 feet southwest of the Site. Please note that the screen details for DC-1 (Westlake), Westlake 1, and Westlake 2 from the 2012 Plan are only the top and bottom depths of a screen range, with no specified intervals.

DC-1 (Westlake)	*Westlake 1 (1954)*	*Westlake 2 (1955)*	*Westlake Well (1995) Well Completion Report*	*Westlake Well Daly City 2018 email*
190-370 ft. bgs	340 – 680 ft. bgs	255-369 ft. bgs	340 – 380 ft. bgs	--
			440 – 480 ft. bgs	423 to 561 ft. bgs
			600 – 680 ft. bgs	650 to 680 ft. bgs

SECTION 6.0: DISTRIBUTION OF CONSTITUENTS OF CONCERN

This section of the document provides a summary of the subsurface soil and water conditions leading up to the termination of the various remedial efforts implemented at the Site. Based on the LTCP criteria and the Site's history as a gasoline-dispensing service station, the primary constituents of concern (COCs) in soil are ethylbenzene, benzene, and naphthalene. The COCs relating to the Waste Oil Tank also include PAHs. For subsurface water, the primary COCs are benzene and MTBE. Additional constituents referenced in evaluation of Site conditions include GRO, DRO, and MTBE.

6.1: PRIMARY SOURCES

Based on available documentation, indications of a release were discovered in 1992 during a Phase II investigation. A second release was identified during waste oil tank replacement activities in 1997. During the 1999 product line replacement, additional contamination was identified in the trench between the central and northern two dispenser islands. In 2000, during UST and product line replacement activities, Henderson Construction Company, the ARCO subcontractor performing the replacement, reported an unauthorized release of approximately 500 gallons of a gasoline and rinsate water mixture from one of the gasoline USTs. Please refer to **Figure 2** for the location of the current and former facility footprint, and to **Sections 3.2 and 3.3** for the site history.

6.2: SECONDARY SOURCE MATERIAL

The LTCP defines secondary source as impacts at or below the primary release point. The maximum reported concentrations of the COCs in subsurface soil samples collected between 1992 and 2020 in the source areas are summarized in the following tables. A detailed summary of laboratory results is provided in **Tables 2a and 2b, Table 11,** and on **Figures 3a through 3o.**

Former/Current UST Location

COC	*Location ID*	*Sample Depth (feet)*	*Maximum Results (mg/Kg)*
GRO	S-13-TP1M	13	6,590
Benzene	S-18TP2SW	18	6.18
Ethylbenzene	V-8	21.5	71
Naphthalene	--	--	<0.005
MTBE	**S-13-TP1M**	**13**	**956**

Dispenser Islands

COC	*Location ID*	*Sample Depth (feet)*	*Maximum Results (mg/Kg)*
GRO	MW-6	15.5	21,000
Benzene	D-2	3	120
Ethylbenzene	T-2A	10	150
Naphthalene	--	--	<0.005
MTBE	T-2A	10	500

Waste Oil UST Location

COC	*Location ID*	*Sample Depth (ft)*	*Maximum Results (mg/Kg)*
GRO	SB-31	10	3,100
DRO	WO-4-4	4	4,000
Benzene	V-5	15	1.8
Ethylbenzene	V-5	15	2.8
Naphthalene	SB-32	30	6.1
MTBE	WO-4-4	4	7.8
PAHs	--	--	<0.25 - <2.1*

*Based on the seven carcinogenic PAHs as benzo(a)pyrene toxicity equivalent [BaPe]: benz[a]anthracene, benzo[a]pyrene, benzo[b]fluoranthene, benzo[k]fluoranthene, chrysene, dibenz(a,h)anthracene, and indeno(1,2,3-cd)pyrene

6.3: EXTENT OF COC CONCENTRATIONS IN SOIL

Concentrations of the COCs within Sand Unit A have historically been detected above the LRLs and ESL clean-up objectives. The maximum lateral extent of these analytes is generally defined by SB-12 to the southwest, SB-18 to the west, SB-19 to the northwest, SB-5, SB-17 and SB-20D to the north, SB-7, SB-8, SB-10, and MW-7 to the northeast, SB-9 and MW-1R to the east, and SB-14 to the southeast. The highest concentrations detected in soil from 0 to 10 feet bgs were reported in trench excavations samples T-2 (3 feet), T-2A (10 feet), D-2 (3 feet), and D-4 (3 feet) collected in 1999.

Site assessment conducted within Fine-Grained Unit A and Sand Unit B has led to the detection of GRO, BTEX, naphthalene, and MTBE above the LRLs. The table below highlights the deepest detected concentration of these analytes.

Analyte	*GRO*	*Benzene*	*Toluene*	*Ethylbenzene*	*Xylenes*	*MTBE*	*Naphthalene*
Location	SB-2	V-8	MW-19D	SB-13, V-5	MW-5A	SB-15	MW-5
Concentration (mg/kg)	0.86	0.013	0.0022	0.0028, 0.005	0.056	0.0067	5.6
Feet bgs	66.5	70.5	131	60	60.5	160	35.5

MTBE has been detected above the ESL of 0.028 mg/kg in samples from 23 boring locations collected at depths of 55 to 135.5 ft bgs. These detections range in unsaturated soil from 0.028 mg/kg in SB-20D at 81 ft bgs to 99 mg/kg in SB-11 at 62 ft bgs (**Figure 2**). A summary of the MTBE detections above the ESL in soil samples collected from below 55 ft bgs is available as **Table 6**.

6.4: EXTENT OF COC CONCENTRATIONS IN GROUNDWATER

This section provides a summary of water quality and dissolved-phase plume extent and stability in the saturated zone. The impact on the saturated zone resulting from the release of fuel hydrocarbons is demonstrated by the laboratory results from subsurface water samples obtained from the monitoring wells both on- and offsite. Please refer to **Figure 2** for the location of the monitoring wells, **Table 3** for historical groundwater analytical results, and **Figure 4** for the First Quarter 2020 groundwater analytical results. The past maximum concentrations detected in groundwater collected from the Site monitoring wells are provided in **Table 12** as well as the following summary table.

COC	*Well ID*	*Maximum Results (µg/L)*
GRO	MW-5	370,000
Benzene	MW-1	5,300
MTBE	MW-5	510,000

6.4.1: VERTICAL EXTENT OF DISSOLVED-PHASE

Water level elevations in Sand Unit A monitoring wells ranged from approximately 40 to 60 feet above NGVD 29 in First Quarter 2020. Water level elevations in Sand Unit B monitoring wells ranged from approximately 25 to 35 feet below NGVD 29 during First Quarter 2020.

In First Quarter 2020, GRO, benzene, toluene, ethylbenzene, xylenes, and naphthalene concentrations in the Perched Zone wells set above Fine-Grained Unit A were below the LRLs. MTBE and TBA were detected in MW-6 at 67 µg/L and 240 µg/L, respectively. Well V-14 also had detections of MTBE and TBA, and well MW-3D had detections of MTBE in the first quarter 2020. In samples from wells set within Sand Unit B (Shallow aquifer) concentrations of GRO, BTEX, MTBE, and naphthalene were below the LRLs in First Quarter 2020. MTBE concentrations in MW-3D have remained below the corresponding ESL since May 1999, except for the anomalous detection in October 2005 of 220 µg/L. Please refer to **Figure 2** for monitoring well locations and to **Table 3** for historical groundwater gauging and analytical data.

6.4.2: LATERAL EXTENT OF DISSOLVED-PHASE

As of first quarter 2020, the following wells define the lateral extent of the dissolve-phase plume in the Perched Zone to the ESL water quality objectives: MW-12, MW-17 and V-8 define the plume to the southeast (downgradient), MW-7, MW-8 and MW-9 define the plume to the northeast (cross gradient), and MW-18 and MW-19 define the plume to the northwest (upgradient). Groundwater samples have not been collected from MW-11R and MW-14, located to the southwest (cross gradient) of source areas as there has been insufficient

water to sample throughout the life of the wells. Similarly, few samples have been collected from MW-5, also located to the southwest due to insufficient water in the well. The previous two MTBE concentrations in groundwater samples collected from MW-5 in February 2016 and September 2017 were below the corresponding ESL. Please refer to **Figure 2** for monitoring well locations and to **Table 3** for historical groundwater gauging and analytical data.

The lateral extent of dissolved MTBE in the Shallow aquifer has been defined to the ESL downgradient to the southeast by well MW-7D, cross gradient to the northeast by well MW-4D and to the southwest by well MW-6D, and upgradient to the northwest by wells MW-16D and MW-18D with concentrations in MW-19D dropping below the corresponding ESL in June 2019 and below the LRL in August 2019. Please refer to **Figure 2** for monitoring well locations and to **Table 3** for historical groundwater gauging and analytical data.
During the October 2005 groundwater sampling event, samples from MW-3D returned a MTBE concentration of 220 µg/L. Prior to this, the maximum MTBE concentration in MW-3D was 5 µg/L in May of 1999. The January 2005 and December 2005 sampling of MW-3D returned concentrations of MW-3D below the laboratory reporting limit of 0.50 µg/L. The maximum MTBE concentration detected in MW-3D following the October 2005 event was 3.7 µg/L in April of 2013 – as of the January 2020 sampling the MTBE concentration in MW-3D was 2.6 µg/L. Based on this information, it is Antea Group's determination that the October 2005 MTBE concentration of 220 µg/L was erroneous and caused by laboratory error or sample contamination during collection. Please refer to **Table 3** historical groundwater gauging and analytical data. As previously stated in **Section 3.5**, the deepest monitoring well at the Site is MW-3D, screened from 202 to 220 feet bgs beneath the -100-foot Clay. Three detections of MTBE were reported in MW-3D from July 2000 to February 2016, with one being the erroneous detection from the October 2005 sampling event. Groundwater analytical data from the Westlake Well show no detections of MTBE over the range of available data presented on the GAMA database, including over the same time range when detections were present in MW-3D.

Figure 4 shows the distribution of GRO, benzene, and MTBE during the First Quarter 2020 event. **Figure 5a and 5b** display the groundwater flow direction and gradient for both Zone A and Zone B as of First Quarter 2020, and **Appendix E** displays the historical groundwater flow directions.

6.4.3: TIME SERIES EVALUATION

Time Series Graphs showing groundwater elevation and GRO, benzene, and MTBE concentrations over time are provided as **Appendix F**. When results indicated concentrations were non-detect, the laboratory reporting limits were used to plot on the time series graphs. In some cases, fluctuations in concentrations on the graph may reflect changes in laboratory reporting limits. The data presented in the graphs indicates that the dissolved phase plume concentration trend for TPH-g/GRO, benzene, and MTBE is stable and/or reducing. Well MW-3D shows an increase in MTBE from third quarter 2019, but still remains below the ESL of 5.0 ug/L. Well MW-5 has a decreasing trend for TPH-g/GRO, and all other site wells with the exception of MW-10 indicate a stable trend. Wells MW-5 and MW-6 show decreasing trends for benzene, and all other site wells with the exception of MW-10 indicate a stable trend. Wells MW-4, MW-5, MW-6, MW-16, MW-19D, and V-14 show a decreasing trend for MTBE, and all other wells with the exception of MW-10 indicate a stable trend. MW-10 is an exception to the decreasing trends for TPH-G/GRO, benzene, and MTBE due to insufficient sample data; MW-10 has only been sampled twice. Concentrations of TPH-g/GRO, benzene, and MTBE in MW-10 decreased from initial highs of <1000 µg/L, <10 µg/L, and 11,000 µg/L, respectively in 2014 (reporting limits for GRO and benzene were elevated due to sample dilution), to lows of <50 µg/L, <0.5 µg/L, and 3.1 µg/L in 2016.

6.4.4: COC CONCENTRATION REDUCTION EVALUATION

Another method to evaluate the stability of dissolved-phase COC concentrations beneath the Site is comparison of maximum concentrations of GRO, benzene, and MTBE to the current or most recent concentrations in Site wells and calculating the percent reduction (**Table 12)**. Based on these comparisons, the site-wide reduction in concentrations of dissolved phase GRO, Benzene, and MTBE is estimated at 96, 88, and 90 percent, respectively.

6.5: SEVIEW EVALUATION OF COC MIGRATION

6.5.1: EVALUATION STATEMENT AND BACKGROUND

A question regarding the potential leaching of MTBE from soil and subsequent impact on groundwater and an idle municipal well (Westlake Well) was raised in correspondence from the GPP in letters dated June 19, 2017 and March 18, 2014. The substance of the correspondence concerned MTBE concentrations reported for soil samples collected above groundwater in the Shallow aquifer zone at well V-14 (2.7 mg/Kg at 86 feet bgs) and boring SB-11 (99 mg/Kg at 62 feet bgs), as reported by Antea Group[46]. The MTBE concentrations being evaluated were the highest reported for soil samples collected at each location. The MTBE concentration of 99 mg/Kg was detected at SB-11 in 2013, two years prior to the installation and operation of vapor extraction well V-12 located approximately ten feet to the northwest. V-12 is screened beginning at 70 feet bgs, below the 62-foot sample where the highest MTBE concentration was identified at SB-11 and, thus, the concentration of 99 mg/Kg was chosen as a worst-case scenario for modeling purposes. An aerial photograph showing the locations of soil borings V-14 and SB-11, as well as the Westlake Well, is included as Figure H-6 in **Appendix G.**

To assess the infiltration and impact of MTBE on the groundwater immediately below V-14 and SB-11, Antea Group prepared Conceptual Site Model (CSMs) using the SEVIEW software package. For the evaluation at soil boring V-14, the impact on the groundwater was also considered if the water table rose to 100 feet bgs from the approximately 130 feet bgs in the first quarter of 2020. Over the last several years, groundwater elevation has increased in the Shallow aquifer beginning in 2016 (**Table 3**). The SEVIEW CSMs for soil borings V-14 and SB-11 are included in **Appendix G** as Figures G-2 and G-3.

In addition to evaluating the impact of MTBE on groundwater immediately below each soil boring (V-14 and SB-11), the potential for migration of MTBE to the Westlake well was also evaluated. The Westlake production well is located approximately 560 feet south-southwest of the Site. As noted above in **Section 5.2**, the production well is screened within the Primary Production aquifer in the Merced Formation. Clay units, that would serve to impede the vertical migration of groundwater, are reported as overlying multiple screen intervals[47].

A summary and visual graphical representation of the SEVIEW simulations conducted for V-14 and SB-11 are included in **Appendix G**. This tabulation includes the key chemical and physical input parameters for MTBE, soil, and the aquifer. The tabulation also includes source area characterization parameters (soil layers, areal extent, and MTBE emplacement), as well as the predicted MTBE groundwater concentrations and timing at the sources and the Westlake Well.

[46] Antea Group, 2019, *Deep Soil and Groundwater Investigation*, April 30.
[47] Lahdorff and Scalmanini Consulting Engineers, 2004, *Update on the Conceptualization of the Lake-Aquifer System – Westside Ground-Water Basin, San Francisco and San Mateo Counties* (Sections C-C' and F-F'), April.

6.5.2: EVALUATION APPROACH

The two aspects of evaluation – infiltration of MTBE from the vadose zone and subsequent migration in the groundwater – are ideally addressed by the SEVIEW[48] software package. SEVIEW is a contaminant fate and transport model that links the SESOIL[49] vadose zone model to the AT123D[50] groundwater transport model.

SESOIL is public-domain program developed in FORTRAN in the 1980s for the United States Environmental Protection Agency. SEVIEW was developed to facilitate the input of data to SESOIL and review the output. SESOIL allows up to 4 layers to be designated with variable hydrogeologic parameters, and each of the four layers may be subdivided into 10 sublayers. The hydrogeologic parameters of the sublayers cannot be changed but each can be assigned a concentration of the chemical being modeled for transport. A compilation of data required for SESOIL and AT123D is included in **Appendix G** as a series of data entry screens (Figures G-4 through G-12).

For ARCO 465 (Daly City, CA), the objective was to assess the impact on groundwater that may result from MTBE reported for soil samples collected at V-14 and SB-11. The hydrostratigraphy used in the model consisted of 62 feet (1890 cm) of sand, with a 3-foot to 5.5-foot fine-grained unit found at 62 feet. The fine-grained unit is then underlain by 65 feet of sand. The ambient water table was set at 130 feet bgs. Schematics of the hydrostratigraphy and MTBE source location for the simulations at V-14 and SB-11 are shown below and additional information is included in **Appendix G** (Figures G-2 and G-3):

[48] 2014, Environmental Software Consultants, *SEVIEW Version 7.1*.
[49] Bonazountas, M., and J. Wagner, 1981, *SESOIL: A Seasonal Soil Compartment Model*, U. S. Environmental Protection Agency, Office of Toxic Substances.
[50] Yeh, G. T., 1981, *AT123D: Analytical Transient One-, Two-, and Three-Dimensional Simulation of Waste Transport in the Aquifer System*.

V-14 Source Area

SEVIEW Layer		Ambient Water Table Depths in ft/cm	Thickness in cm
		0/0	
1	Sand		1890
2	Fine-grain Sediment	62/1890	91
		65/1981	
3	Sand		792
		90/2743	
	MTBE = 2.7 mg/kg	91/2774	
4	Sand		1188
	Water Table	130/3962	

SB-11 Source Area

SEVIEW Layer		Ambient Water Table Depths in ft/cm	Thickness in cm
		0/0	
1	Sand		1890
2	MTBE = 99 mg/kg	62/1890	167
	FG Sediment	67.5/2057	
3	Sand		716
		90/2743	
4	Sand		1189
	Water Table	130/3962	

Key input data for SESOIL and AT123D modules included:

SESOIL

1. Hydraulic conductivity (K) for Sand set at 3.5 * 10^{-3} cm/sec [intrinsic permeability (k) = 3.57 * 10^{-8} cm^2] – Based on determination at Site #11202 in Daly City, CA[51].
2. Hydraulic conductivity (K) for Fine-grained Unit set at 3.5 * 10^{-5} cm/sec [and intrinsic permeability (k) = 3.57 * 10^{-10} cm^2] – Based on determination at Site #11202 in Daly City, CA[48].
3. Fraction of organic carbon (f_{oc}) set at 0.2% as a typical value for sand, and also aligns well with data collected at Site #11202 in Daly City, CA[48].
4. The bulk density (1.65 g/cm^3), effective porosity (0.25), soil pore disconnectedness (3.8) and the Freundlich exponent (1.00) were set using default values for sand in SEVIEW.
5. Chemical parameters for MTBE are from the Massachusetts DEP, which are included in an extensive chemical database within SEVIEW.
6. The water table is assumed to be positioned immediately below the Fourth Soil Layer.

[51] Antea Group, 2017, *Remedial Action Plan: 76 (Former BP) Service Station No. 11202*, February 6.

7. Up to four layers may be specified in SESOIL and these were modeled for ARCO 465 for simulations based on the soil conditions reported at V-14 listed below:
    a. Upper Soil Layer (sand) – 1890 centimeters (62 feet)
    b. Second Soil Layer (fine-grained Unit) – 91 centimeters (3 feet)
    c. Third Soil Layer (sand) – 792 centimeters (26 feet)
    d. Fourth Soil Layer (sand) – 1189 centimeters (39 feet) [Ambient Conditions]
    e. Fourth Soil Layer (sand) – 275 centimeters (9 feet) [To simulate 30-foot rise in water table]
8. For simulations at V-14, 2.7 mg/Kg of MTBE was assigned to sublayer 10 of Layer 3 (2693.8 to 2773.0 centimeters bgs, or a thickness of 2.6 feet).
9. For the simulations at soil boring SB-11, the four layers had the following thicknesses:
    a. Upper Soil Layer (sand) – 1890 centimeters (62 feet)
    b. Second Soil Layer (fine-grained Unit) – 167 centimeters (5.5 feet)
    c. Third Soil Layer (sand) – 716 centimeters (22.5 feet)
    d. Fourth Soil Layer (sand) – 1189 centimeters (39 feet)
10. For simulations at SB-11, 99 mg/Kg of MTBE was assigned to sublayer 1 of Layer 2 (1890.0 to 1906.8 centimeters bgs, or a thickness of 5.5 feet).
11. For simulations that included degradation in the vadose zone, the Liquid Phase Biodegradation Rate was set at the most conservative rate of 0.006 /day based on studies and quantification of MTBE degradation in the vadose zone under limited oxygen conditions and no addition of nutrients[52].

AT123D

1. The potential receptor for MTBE transport in the groundwater was designated as the Westlake Well located 171 meters (560 feet) SSW of the assumed sources at V-14 and SB-11.
2. Hydraulic conductivity, bulk density, fraction of organic carbon, and effective porosity for AT123D are same as described for SESOIL previously.
3. The hydraulic gradient was set at 0.0015 (ft/ft) based on groundwater elevation contour maps developed for the Site.
4. Dispersivities (Longitudinal, Transverse, and Vertical) were calculated based on the method published by Xu and Eckstein (1995)[53] using an assumed plume length of 171 meters.
5. For simulations that included degradation of MTBE in the groundwater, the 1st Order Decay Coefficient was set at 0.00005 /hour based on field studies at sites comparable to ARCO Service Station No. 465 as reported by Parsons Engineering for the CFB Borden Site (Ontario, CA) and the USCG Fire Station Site (Elizabeth City, NC)[54].

The lateral extent of MTBE at V-14 is not well constrained by analytical results for soil samples collected nearby from a similar depth. The size of the source area at V-14 included three variants of 10 feet (3.05 m) by 10 feet,

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[52] Moreels, D., L. Bastiaens, F. Ollevier, R. Merckx, L. Diels, and D. Springael, 2004, *Evaluation of the Intrinsic Methyl tert-Butyl Ether (MTBE) Biodegradation Potential of Hydrocarbon Contaminated Subsurface Soils in Batch Microcosm Systems*, FEMS Microbiology Ecology Vol. 49

[53] Xu, M. and Y. Eckstein, 1995, U*se of Weighted Least-Squares Method in Evaluation of the Relationship Between Dispersivity and Field Scale*, Ground Water Vol. 33 No. 3

[54] Parsons Engineering Science, 1999, *Methyl tert-Butyl Ether (MTBE): Its Movement and Fate in the Environment and Potential for Natural Attenuation*, Air Force Center for Environmental Excellence.

20 feet (6.1 m) by 20 feet, and 40 feet (12.2 m) by 40 feet. In addition, to simulate a potential rise in the water table of 30 feet (914 centimeters), the thickness of the Fourth Soil Layer was reduced from 1189 centimeters to 275 centimeters.

At the source area designated by SB-11, the extent of MTBE in vadose soil is constrained by soil samples collected and analyzed at SB-15 and V-12. The source area at SB-11 was maintained at 20 feet (6.1 m) by 20 feet for all simulations.

The output from SESOIL estimates the mass of MTBE from the initial source that volatilizes, is sorbed on soil, degrades from biological activity, and infiltrates to the water table. SESOIL predicts the concentration of MTBE in the leachate that exits the bottom of the soil column. The leachate concentration is then passed to AT123D for use in groundwater fate and transport predictions. To obtain an estimate of the MTBE concentration in groundwater at each source area, a point of compliance (designated as POC-10) was established immediately down-gradient of V-14 and SB-11. An additional point of compliance (POC-11) was established at the Westlake Well location to allow AT123D to predict the concentrations of MTBE in the Shallow aquifer zone (Colma Formation), as depicted in the 2004 Update on the Conceptualization of the Westside Ground-Water Basin – San Francisco and San Mateo Counties[55].

6.5.3: SEVIEW RESULTS

The SEVIEW model, both SESOIL and AT123D, were run with MTBE sources in the unsaturated zone based on soil samples collected while drilling V-14 and SB-11. As described above, the MTBE concentrations reported for soil samples from V-14 (2.7 mg/Kg at 86 feet bgs) and SB-11 (99 mg/Kg at 62 feet bgs) were the highest reported MTBE concentrations reported for the soil samples collected at each location.

Twelve simulations were run to evaluate the infiltration and migration of MTBE from the V-14 source area. The number of simulations is related to running SEVIEW with three, source area extents, and an ambient and higher water table. The initial six SEVIEW simulations evaluated the effect of the various source area extents, as well as a rise of the water table from 130 feet bgs to 100 feet bgs. The remaining six SEVIEW simulations at V-14 included unsaturated zone or saturated zone degradation, a higher water table, and two source area extents. All SEVIEW simulations for the V-14 source area were run for 50 years. Summaries of key input parameters and SEVIEW results for the V-14 source area are included in **Appendix G** (Figures G-13 and G-14).

Four simulations were run to evaluate infiltration and migration of MTBE from the SB-11 source area. Because the extent of MTBE was better constrained in the vicinity of SB-11, all SEVIEW simulations were run with a source area extent of 20 feet by 20 feet (6.1 meters by 6.1 meters). The initial simulation did not include degradation in the unsaturated or saturated zone, but subsequent simulations included one or the other, or both. All simulations for the SB-11 source area were run for 50 years. Summaries of key input parameters and SEVIEW results for the SB-11 source area are included in **Appendix G** (Figures G-15 and G-16).

6.5.3.1 Summary of Results for V-14 Source Area

The initial six SEVIEW simulations did not include degradation but did include variations in source area extent and depth to the water table. The higher water predicted a slight increase in the MTBE concentrations in the

[55] Luhdorff and Scalmanini Consulting Engineers, 2004*, Update on the Conceptualization of the Westside Ground-Water Basin – San Francisco and San Mateo Counties; prepared for the San Francisco Public Utilities Commission*, Geologic Cross Section F-F' for Westside Basin

groundwater at the source area and at the Westlake Well. All six SEVIEW simulations predicted detectable MTBE concentrations in the groundwater at the source area and at the Westlake Well. It should be noted that the predicted MTBE concentrations at the Westlake well are from the Shallow aquifer and do not factor in the influence of the confining clay recorded on the log for MW-3D and the 1995 Well Completion Report for the Westlake well.

The predicted MTBE concentrations in the groundwater at the source area ranged from 1,310 µg/L to 12,400 µg/L. The lower predicted MTBE concentrations are associated with simulations for the smallest source area (10 feet by 10 feet) and the lower water table, while the largest source area (40 feet by 40 feet) and higher water table produced the highest predicted MTBE concentrations.

	Source Area		Predicted Results				
RUN #	Lateral Extent		GW Impact near V-14 (POC-10)		GW Impact at SF-03 (POC-11)		
	X Direction (m)	Y Direction (m)	Maximum MTBE Concentration at Source (ug/L)	Year that Maximum Concentration Occurs at Source	Maximum MTBE Concentration at SF-03 (Westlake Well) (ug/L)	Year that Maximum Concentration Occurs at SF-03 (Westlake Well)	Notes
1	6.1	6.1	6040	6.5	32.60	38.92	
2	6.1	6.1	9170	1.5	34.10	33.83	Higher WT
3	12.2	12.2	9450	6.5	127.00	38.5	
4	12.2	12.2	12400	1.5	132.00	32.83	Higher WT
5	3.05	3.05	1310	6.5	8.04	39.58	
6	3.05	3.05	1820	1.5	8.42	34.25	Higher WT

Six SEVIEW simulations (7 – 12) included degradation in the unsaturated zone or saturated zone, as well as variations in source area extent and depth to the water table. The higher water predicted a slight increase in the MTBE concentrations in the groundwater at the source area and at the Westlake Well, most notably for the simulation with the larger source area and degradation in the unsaturated zone (Run #11). All six SEVIEW simulations predicted detectable MTBE concentrations in the groundwater at the source area, but only four simulations predicted detectable MTBE concentrations at the Westlake Well. It should be noted that the predicted MTBE concentrations at the Westlake Well are from the Shallow aquifer and the influence of the confining clay is not considered.

The predicted MTBE concentrations in the groundwater at the source area ranged from 136 µg/L to 11,600 µg/L. The lower predicted MTBE concentrations are associated with simulations for the smaller source area (20 feet by 20 feet) and the lower water table, while the larger source area (40 feet by 40 feet) and higher water table produced the highest predicted MTBE concentrations.

The inclusion of degradation in the unsaturated or saturated zone predicted lower MTBE concentrations at the source than those that did not include degradation. The predicted MTBE concentrations in the groundwater at the source were reduced by more than 95%. As depicted in the table below, the inclusion of degradation in the unsaturated zone produced lower initial groundwater concentrations at the source area that subsequently declined to non-detectable or slightly above detectable concentrations at the Westlake Well.

The effect of including degradation in the saturated zone produced predictions of MTBE concentrations in the groundwater at the source that ranged from 11% to 20% lower (depending on the source area extent) than simulations without degradation for comparable source areas. When only saturated zone degradation was active, detectable MTBE was predicted at the Westlake Well only for the simulation (Run #12) that included the larger source area and a higher water table.

	Unsaturated	Saturated	Source Area		Predicted Results				
			Lateral Extent		GW Impact at V-14 (POC-10)		GW Impact at SF-03 (POC-11)		
RUN #	Liquid Phase Biodegradation Rate (1/day)	1st Order Decay Coefficient (1/hour)	X Direction (m)	Y Direction (m)	Maximum MTBE Concentration at Source (ug/L)	Year that Maximum Concentration Occurs at Source	Maximum MTBE Concentration at SF-03 (ug/L)	Year that Maximum Concentration Occurs at SF-03	Notes
7	0.006	0.0	6.1	6.1	136	5.5	0.4	35.92	
8	0.0	0.00005	6.1	6.1	5370	6.5	0.0	NA	
9	0.006	0.0	12.2	12.2	181	5.5	1.5	36.58	
10	0.0	0.00005	12.2	12.2	7550	6.5	0.0	NA	
11	0.006	0.0	12.2	12.2	4850	1.5	28.5	32.17	Higher WT
12	0.0	0.00005	12.2	12.2	11600	1.5	0.01	19.83	Higher WT

6.5.3.2 Summary of Results for SB-11 Source Area

Three of the four SEVIEW simulations for the SB-11 source area included unsaturated or saturated zone degradation, or both. Because the extent of MTBE in soil was better defined at the SB-11 location, the source area was maintained at 20 feet by 20 feet for all 4 simulations. Finally, all simulations for the SB-11 source area designated the water table at a depth of 130 feet bgs. A summary of the important variables and results for the SEVIEW simulations is tabulated below.

The simulation that did not include degradation (Run #1), predicted the MTBE groundwater concentration at the source area would be 39,800 µg/L and the concentration in the Shallow aquifer zone at the Westlake Well would be 250 µg/L after 44.25 years. The inclusion of unsaturated or saturated degradation reduced predictions of MTBE concentrations at the source area more than 99%, while inclusion of degradation in the saturated zone predicted a reduction in the MTBE concentration in the groundwater at the source of about 8%. The predicted marginally detectable MTBE concentrations occur at the Westlake Well after 27.67 or 41.42 years [Runs #2 (Unsaturated Zone Degradation) and #3 (Saturated Zone Degradation)]. The SEVIEW simulation that included both unsaturated and saturated zone degradation (Run #4) predicted no detectable MTBE concentrations at the

Westlake Well for the entire 50-year simulation period. As noted earlier, the predicted MTBE concentrations at the Westlake Well are in the surficial aquifer and do not represent MTBE concentrations below the confining clay.

	Unsaturated	Saturated	Source Area		Predicted Results				
			Lateral Extent		GW Impact at SB-11 (POC-10)		GW Impact at SF-03 (POC-11)		
RUN #	Liquid Phase Biodegradation Rate (1/day)	1st Order Decay Coefficient (1/hour)	X Direction (m)	Y Direction (m)	Maximum MTBE Concentration at Source (ug/L)	Year that Maximum Concentration Occurs at Source	Maximum MTBE Concentration at SF-03 (Westlake Well) (ug/L)	Year that Maximum Concentration Occurs at SF-03 (Westlake Well)	Notes
1	0.0	0.0	6.1	6.1	39800	10.5	250.00	44.25	
2	0.006	0.0	6.1	6.1	33.5	10.5	0.09	41.42	
3	0.0	0.00005	6.1	6.1	36600	10.5	0.01	27.67	
4	0.006	0.00005	6.1	6.1	30.6	10.5	0.00	--	

6.5.4: FINDINGS OF SEVIEW RESULTS

The SEVIEW model, which includes modules for migration and degradation in unsaturated (SESOIL) and saturated (AT123D) zones was used to evaluate the impact on the groundwater from MTBE reported in soil samples at two locations (soil borings V-14 and SB-11) near or at ARCO No. 465 (Daly City, CA). Simulations included variable source area extents and degradation, as well as a variable water table at the V-14 source area.

The conclusions to be drawn from the simulations described above are:

- Detectable MTBE is predicted at the respective source area in the groundwater under all simulation scenarios at V-14 or SB-11.
- Smaller source areas produce lower predicted MTBE concentrations in the groundwater near their respective source areas.
- The inclusion of degradation in the unsaturated zone reduces the predicted MTBE concentrations in the groundwater at the source by an order of magnitude or more (1000s vs. 100s of ug/L), or 97% to 99%.
- The inclusion of saturated zone degradation predicts somewhat lower (about 11% at V-14 and 8% to 9% at SB-11) MTBE concentrations in the groundwater at the source area (20-foot by 20-foot).
- For the V-14 source area, the predicted MTBE concentrations at the Westlake Well, with no active degradation, range from 8.04 µg/L to 132.0 µg/L after 32 to 39 years, with the higher water table producing slightly higher predicted MTBE concentrations.
- When degradation is active in the unsaturated or saturated zone for simulations of the V-14 source area and a higher water table is simulated, the highest predicted MTBE concentration in the surficial aquifer above the confining clay at the Westlake Well is 28.5 µg/L after more than 32 years.
- For simulations involving the SB-11 source area, non-detectable to marginally detectable MTBE concentrations are predicted in the surficial aquifer above the confining clay at the Westlake Well for all simulations that include unsaturated or saturated degradation (or both), while the simulation that did

not include degradation the predicted MTBE concentration in the surficial aquifer above the confining clay at the Westlake Well of 250 µg/L after 44.25 years.

6.6: CONCENTRATIONS IN SOIL GAS

On June 7, 2011, Stantec oversaw installation of dual-nested soil vapor probes SV-1S and SV-1D near the western property line to evaluate the risk of vapor intrusion to indoor air at the mixed commercial property to the west of the Site (**Figure 2**). Soil vapor probes SV-1S and SV-1D were constructed using ¼-inch tubing connected to 6-inch stainless steel probe tips centered in sand packs from 5.25 to 5.75 ft bgs and 9.25 to 9.75 ft bgs, respectively. On December 21, 2011, Stantec collected soil vapor samples from vapor probes SV-1S and SV-1D with SV-1D containing 610 µg/m^3 of PCE most likely derived from operations at the former Southgate Cleaners located approximately 100 feet west-southwest of the Site (**Table 5**).

Information acquired from GeoTracker indicates VOCs, specifically PCE, are present in soil vapor beneath the former Southgate Cleaners property (currently occupied by H&R Block) at concentrations that exceed both residential and commercial ESLs[56] due to historic dry-cleaning operations conducted from 1970 until 2007. In 2014, an SVE system was installed for the former dry-cleaner Site to reduce PCE concentrations. The SVE system consists of both extraction and treatment components including a blower, two vessels containing vapor phase GAC, and conveyance piping to three vapor extraction wells[57]. The SVE system started continuous operation on July 5, 2016 and ran on weekdays during business hours for a total of 127 days until it was shut down on December 28, 2016. A February 13, 2017 *Soil Vapor Extraction Performance Report*[57] recommended shut down of the SVE system for rebound testing. The proposed schedule included rebound activities (system operation and sampling) occurring through the end of May 2017. GPP concurred with the recommendation but requested a longer rebound testing period up to 12 months in duration.[58]

SECTION 7.0: CONCEPTUAL SITE MODEL

The following sections provide a narrative description of the amended CSM developed to support regulatory review of the Site for case closure. The CSM presented is a summary of the information outlined in other sections of this document.

7.1: SOURCE AREAS

Based on available documentation, onsite releases occurred prior to 1992 around the former USTs, in 1997 from the former waste oil UST located in the area of the current waste oil UST, in 1999 from the product lines, and in 2000 from the former USTs located in the area of the current USTs. Please refer to **Figure 2** for the location of the current and former facility footprint and **Sections 3.2 and 6.1** for available information on the release events that represent these areas of concern (AOCs) outlined above.

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[56] San Francisco Bay Regional Water Quality Control Board, 2016. *Environmental Screening Levels*. http://www.waterboards.ca.gov/sanfranciscobay/water_issues/programs/esl.shtml. Interim Final. February.
[57] Northgate Environmental Management, Inc., 2017. *Soil Vapor Extraction Performance Report* Former Southgate Dry Cleaners Site 183 Southgate Avenue, Daly City, California 94015. February 13.
[58] County of San Mateo Health System, Groundwater Protection Program, 2017. Letter to Ms Linda Larson of Kimco Realty Corporation and Mr. Gary Wong of Westlake Development Co. Inc. *Southgate Cleaners, 183 Southgate Avenue, Daly City, California*. March 16.

7.2: GEOLOGIC AND HYDROGEOLOGIC CONDITIONS

Regional and Site-specific geologic and hydrogeologic conditions are summarized in **Sections 3.4** and **3.5**.

7.5: NATURE AND EXTENT OF IMPACTS

7.5.1: ADSORB PHASE IN SUBSURFACE SOIL

The nature and extent of subsurface soil contamination is discussed in **Section 6.3**. A summary of the MTBE detections above the ESL in soil samples collected from below 55 ft bgs is available in **Table 6**.

7.5.2: VERTICAL EXTENT OF DISSOLVED PHASE

The vertical extent of dissolved phase impacts is discussed in **Section 6.4.1**.

7.5.3: LATERAL EXTENT IN DISSOLVED PHASE

The lateral extent of dissolved phase impacts is discussed in **Section 6.4.2.**

7.6: HUMAN HEALTH RISK

A summary of potential sensitive receptors with a 1,000-foot to 1-mile radius of the site is provided in **Section 5.0** and the extent stability of the COCs in soil and groundwater is discussed in **Section 6.0**. Please refer to **Figure 2** and **Section 3.1** for the layout and facility information. **Table 11** presents soil analytical data from 0-10 feet bgs – reductions from the previous exceedances of the LTCP thresholds for benzene and ethylbenzene are confirmed and the 2020 samples analyzed for naphthalene were below LTCP thresholds, mitigating any direct contact and volatilization to outdoor air concerns. Based on the data presented in this report, the Site does not pose a significant human health risk.

7.7: ECOLOGICAL RISK

The facility is located in a developed urban area of Daly City, California. The nearest surface water is Lake Merced, located approximately 4,300 feet to the north. Based upon this information, there is no a significant ecological risk.

SECTION 8.0: LTC POLICY STATUS SUMMARY

The LTCP outlines general criteria a site must satisfy to qualify for closure along with media-specific criteria (MSC) for Groundwater (GW), Petroleum Vapor Intrusion to Indoor Air (PVI), and Direct Contact and Outdoor Air Exposure (DC&OAE). An evaluation of Site data against the criteria in the LTCP is provided in the following sections (**Appendix I**).

8.1: GENERAL CRITERIA

8.1.1: PUBLIC WATER SUPPLY

There is one public water supply well identified within 1,000 feet of the Site (**Section 5.2**). During telephone communication between Antea Group and the SFPUC, the agency indicated that this supply well is not in actively pumping and is currently used solely for monitoring purposes. The agency indicated that there were no plans to bring the well online in the near future, as part of the Regional Groundwater Storage and Recovery Project to store groundwater. The Site and surrounding area are on the municipal water system, managed by the SFPUC, whose Regional Water System draws from regional groundwater and local runoff, as well as runoff collected in Hetch Hetchy Reservoir in the Upper Tuolumne River Watershed[59].

[59] San Francisco Public Utilities Commission, 2018, *Annual Groundwater Monitoring Report Westside Basin, San Francisco and San Mateo Counties, California*, April.

8.1.2: UNAUTHORIZED RELEASE CONSISTS ONLY OF PETROLEUM HYDROCARBONS

The Site has been a retail automotive service station that has dispensed gasoline since at least the 1950's, according to aerial photos provided by EDR (**Appendix D**). Documentation available on GeoTracker for open case #220033 has only identified the gasoline, MTBE, TBA, and other fuel oxygenates as constituents of concern. Previous reports indicated PCBs were detected at the Site – however, concentrations were low, limited to the waste oil tank vicinity, and considered to be associated with the service station activities[6061].

8.1.3: UNAUTHORIZED RELEASE HAS BEEN STOPPED

As outlined in **Section 3.2**, BP has had the primary sources of the unauthorized releases (i.e. the USTs, product dispensers, and conveyance piping) removed and replaced.

8.1.4: FREE PRODUCT REMOVAL

No free product has been observed during the Site's 28-year remediation history. Please refer to **Table 3** for a summary of observations.

8.1.5: CONCEPTUAL SITE MODEL

The CSM for the Site (stratigraphy, hydrogeology, contaminant distribution, and the surrounding area) is described in **Section 7.0**. The soil borings and monitoring well details is provided in **Table 1.** Three cross sections are provided in **Appendix H** and the lateral extent of the dissolved phase plumes for the COCs GRO, benzene, and MTBE are provided **Figure 4.**

8.1.6: SECONDARY SOURCE REMOVAL

With the completion of the 1997, 1999, and 2000 tank and product line removals and soil excavation activities, as well as the intermittent soil vapor extraction system operation from 1993 to 2019 as described in **Section 4.0**, secondary source has been removed to the extent practicable in consideration of maintaining the existing infrastructure, preserving station operational status, and keeping remedial efforts effective and within economic feasibility.

8.1.7: MTBE IN SOIL AND GROUNDWATER

Both soil and groundwater have been tested for MTBE and the results reported in accordance with Health and Safety Code section 25296.15. Results of the soil and groundwater testing were reported in the associated site assessment reports and the periodic monitoring and sampling reports uploaded to the California State Water Resources Control Board GeoTracker database (**Tables 2a, 2b, and 6**).

8.1.8: NUISANCE DOES NOT EXIST AT THE SITE

A nuisance, as defined by Water Code Section 13050-13051 meets each of the following criteria:

- Is injurious to health, or is indecent or offensive to the senses, or an obstruction to the free use of property, so as to interfere with the comfortable enjoyment of life or property;
- Affects at the same time an entire community or neighborhood, or any considerable number of persons, although the extent of the annoyance or damage inflicted upon individuals may be unequal;
- Occurs during, or as a result of, the treatment or disposal of wastes;

[60] SEACOR, 1992, *Technical Report Phase I Site Investigation*, July 31.
[61] SECOR, 1998, *Waste Oil Tank Removal and Replacement Report*, January 6.

No nuisance conditions exist at the Site.

8.2: MEDIA-SPECIFIC CRITERIA

The following provides a summary of the status of the three media specific LTCP criteria based on the information presented in previous sections of this document.

8.2.1: GROUNDWATER

Section 6.4 provides a detailed summary of the current status of the dissolved phase fuel hydrocarbon plume including dissolved phase benzene and MTBE. The five LTCP classes of the MSC for GW are summarized as follows:

(1) a. The contaminant plume that exceeds water quality objectives is less than 100 feet in length.
b. There is no free product.
c. The nearest existing water supply well or surface water body is greater than 250 feet from the defined plume boundary.

(2) a. The contaminant plume that exceeds water quality objectives is less than 250 feet in length.
b. There is no free product.
c. The nearest existing water supply well or surface water body is greater than 1,000 feet from the defined plume boundary.
d. The dissolved concentration of benzene is less than 3,000 micrograms per liter (µg/l), and the dissolved concentration of MTBE is less than 1,000 µg/l.

(3) a. The contaminant plume that exceeds water quality objectives is less than 250 feet in length.
b. Free product has been removed to the maximum extent practicable, may still be present below the site where the release originated, but does not extend off-site.
c. The plume has been stable or decreasing for a minimum of five years.
d. The nearest existing water supply well or surface water body is greater than 1,000 feet from the defined plume boundary.
e. The property owner is willing to accept a land use restriction if the regulatory agency requires a land use restriction as a condition of closure.

(4) a. The contaminant plume that exceeds water quality objectives is less than 1,000 feet in length.
b. There is no free product.
c. The nearest existing water supply well or surface water body is greater than 1,000 feet from the defined plume boundary.
d. The dissolved concentration of benzene is less than 1,000 µg/l, and the dissolved concentration of MTBE is less than 1,000 µg/l.

(5) a. The regulatory agency determines, based on an analysis of site specific conditions that under current and reasonably anticipated near-term future scenarios, the contaminant plume poses a low threat to human health and safety and to the environment and water quality objectives will be achieved within a reasonable time frame.

The application of Classes 1 through 4 do not apply since there is a municipal water production well within 1,000 feet of the Site. However, given the data and SEVIEW modeling presented in **Sections 6.0, 6.1, 6.2, 6.3, and 6.4** it is Antea Group's belief that the status of the Site should be considered under Class 5.

8.2.2: PETROLEUM VAPOR INTRUSION TO INDOOR AIR

The LTCP Vapor Intrusion MSC does not apply to the Site since it is an active commercial fuel dispensing facility. Please refer to **Figure 2** and **Section 3.1** for the layout and facility information.

8.2.3: DIRECT CONTACT AND OUTDOOR AIR EXPOSURE

The LTCP MSC for DC&OAE are based on the residual impact of benzene, ethylbenzene, and naphthalene in subsurface soil between the ground surface and 10 feet bgs. The following table lists the LTCP[62] thresholds for subsurface soil.

Concentrations of Petroleum Constituents in Soil That Will Have No Significant Risk of Adversely Affecting Human Health

Chemical	Residential		Commercial/ Industrial		Utility Worker
	0 to 5 feet bgs	Volatilization to outdoor air (5 to 10 feet bgs)	0 to 5 feet bgs	Volatilization to outdoor air (5 to 10 feet bgs)	0 to 10 feet bgs
	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
Benzene	1.9	2.8	8.2	12	14
Ethylbenzene	21	32	89	134	314
Naphthalene	9.7	9.7	45	45	219
PAH[1]	0.063	NA	0.68	NA	4.5

Notes:
1. Based on the seven carcinogenic poly-aromatic hydrocarbons (PAHs) as benzo(a)pyrene toxicity equivalent [BaPe]. Sampling and analysis for PAH is only necessary where soil as affected by either waste oil or Bunker C fuel.
2. The area of impacted soil where a particular exposure occurs is 25 by 25 meters (approximately 82 by 82 feet) or less.
3. NA = not applicable
4. mg/kg = milligrams per kilogram

The following "bullets" describe the locations and concentrations above the LTCP MSC limits for DC&OAE under the Commercial Industrial and Utility Worker (CI&UW) receptor scenarios for the applicable COCs pre- and post-excavation and shallow SVE system operation:

- **Benzene**: Exceeded LTCP concentrations in the 3-foot sample collected from T-2 (18 mg/kg), the 10-foot sample collected from T-2A (82 mg/kg), the 3-foot sample collected from D-2 (120 mg/kg) and the 3-foot sample collected from D-4 (20 mg/kg). These detections occurred during the 1999 excavation and the sample locations were within the excavation footprint. Concentrations from 1999 sample T-1 at 3 feet bgs, 1999 sample T-6 at 3 feet bgs, 1999 sample T-6A at 4 feet bgs, and 2014 sample HA-2 at 3 feet bgs, all located in proximity to D-2, were below the LTCP limits. Concentrations from 2020 confirmation soil borings HA-4 and HA-5, located near T-2 and T-2A, were below the LRLs at both 5 and 10 feet bgs (**Figure 6**).

- **Ethylbenzene**: Exceeded LTCP threshold concentrations in the 3-foot sample collected from boring D-2 (100 mg/kg) in 1999. This location was excavated during the 1999 excavation, and concentrations from 2020 confirmation soil borings HA-4 and HA-5 were below LRLs at both 5 and 10 feet bgs (**Figure 6**).

- **Naphthalene**: No soil samples collected from 0-10 feet bgs at this Site have exceeded LTCP threshold concentrations outlined above.

[62] California State Water Resources Control Board, 2012, *Low-Threat Underground Storage Tank Case Closure Policy,* August 17.

All detections above the LTCP thresholds from samples collected between 0 and 10 feet bgs were within the 1999 excavation boundary. Confirmation soil borings advanced in February 2020 confirmed that concentrations at 5 and 10 feet bgs in previously unconfirmed locations were below the LRLs.

SECTION 9.0: CONCLUSIONS

In a letter dated February 2, 2015, the GPP stated that they could no longer recommend the UST Cleanup Fund reimburse the cost to operate the SVE system for remediating within and above the perched groundwater zone, as the hydrocarbon recovery had dropped to approximately 6 pounds/day and in a letter dated November 13, 2019, the GPP approved the recommendation to shut down the SVE system in the deep zone, as data indicated recovery of MTBE mass from SVE is negligible. BP and Antea Group believe that secondary source has been remediated to the maximum extent practicable within economic feasibility.

All detections above the LTCP thresholds from samples collected between 0 and 10 feet bgs were within the 1999 excavation boundary. Confirmation soil borings advanced in February 2020 confirmed that concentrations at 5 and 10 feet bgs in previously unconfirmed locations were below the LRLs.

SEVIEW modeling results presented in **Section 6.5** show that remaining MTBE mass in unsaturated soil at the Site is a low threat to impacting the nearby Westlake Well, resulting in eligibility for Class 5 of the media-specific criteria for groundwater. Due to the limitations of the SEVIEW modeling software, MTBE concentrations predicted at the Westlake Well are present at the depth of the shallow regional aquifer (Zone B). This conservative modeling result would still require the MTBE to migrate across the confining clay layer and travel approximately 200 vertical feet before reaching the top of the screened intervals of the Westlake Well.

Despite MTBE detections in MW-3D, MTBE has never been detected in in the Westlake Well in reported analytical data ranging from July 2000 to February 2016, regardless of if the well was pumping or not.

Based on the information presented in this document, Antea Group believes Site conditions satisfy LTCP criteria and should be granted case closure by the GPP.

SECTION 10.0: REMARKS

Any recommendations contained in this report represent Antea USA, Inc.'s professional opinions based upon the currently available information and are arrived at in accordance with currently accepted professional standards. This report is based upon a specific scope of work requested by the client. The contract between Antea USA, Inc. and its client outlines the scope of work, and only those tasks specifically authorized by that contract or outlined in this report were performed. This report is intended only for the use of Antea USA, Inc.'s client and anyone else specifically identified in writing by Antea USA, Inc. as a user of this report. Antea USA, Inc. will not and cannot be liable for unauthorized reliance by any other third party. Other than as contained in this paragraph, Antea USA, Inc. makes no express or implied warranty as to the contents of this report.

Should you have any questions, or require additional information concerning this report, please contact Hannah Mishriki at (970) 292-1052 or hannah.mishriki@anteagroup.com

Prepared by

Jo Black
Project Professional
Antea Group

Reviewed by:

Hannah Mishriki, PE
Project Manager
Antea Group



Regina Bussard, PG
California Registered Professional Geologist No. 8288
Project Manager
Antea Group

cc: Mr. Deno Milano, San Mateo GPP (Electronic Copy)

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Table 1
Soil Boring and Well Construction Details
ARCO Service Station No. 465
151 Southgate Avenue
Daly City, CA

Well I.D.	Completion Date	Boring Depth (feet bgs)	Well Diameter (inches)	Screen		Screen Length (feet)	Comments
				Top (feet bgs)	Bottom (feet bgs)		
Soil Borings							
SB-1	11/29/01	57.0	--	--	--	--	SECOR boring
SB-1A	07/19/05	71.5	--	--	--	--	URS boring
SB-2	07/18/05	71.5	--	--	--	--	
SB-3	07/15/05	81.5	--	--	--	--	
SB-4	09/29/05	55.0	--	--	--	--	Drilled from 9/28/05 - 9/29/05
SB-5	09/29/05	50.0	--	--	--	--	Drilled from 9/28/05 - 9/29/05
SB-7	09/27/05	60.0	--	--	--	--	Drilled from 9/26/05 - 9/27/05
SB-8	09/27/05	75.0	--	--	--	--	Drilled from 9/26/05 - 9/27/05
SB-9	09/27/05	60.0	--	--	--	--	Drilled from 9/26/05 - 9/27/05
SB-10	09/28/05	50.0	--	--	--	--	
SB-11	03/21/13	120.0	--	--	--	--	Drilled from 3/18/13 - 3/21/13
SB-12	03/25/13	102.0	--	--	--	--	Drilled from 3/18/13 - 3/25/13
SB-13	03/27/13	102.0	--	--	--	--	Drilled from 3/18/13 - 3/27/13
SB-14	01/08/15	130.0	--	--	--	--	
SB-15	12/10/14	180.5	--	--	--	--	Drilled from 12/10/14 - 1/8/15
SB-16	01/13/15	130.0	--	--	--	--	Drilled from 1/8/15 - 1/13/15
SB-17	01/14/15	130.0	--	--	--	--	Drilled from 1/8/15 - 1/14/15
SB-18	10/22/15	130.0	--	--	--	--	Drlled from 10/21/15 - 10/22/15
SB-19	11/04/15	130.0	--	--	--	--	Drlled from 11/3/15 - 11/4/15
SB-20	10/27/15	23.5	--	--	--	--	Refusal at 23.5 ft
SB-20B	10/28/15	23.5	--	--	--	--	Refusal at 23.5 ft
SB-20C	02/23/16	20.0	--	--	--	--	Refusal at 20 ft
SB-20D	05/17/16	131.0	--	--	--	--	Drilled from 5/10/16 - 5/17/16
SB-21	10/29/15	40.0	--	--	--	--	Drilled from 10/8/15 - 10/29/15
SB-22	10/29/15	35.0	--	--	--	--	Drilled from 10/8/15 - 10/29/15
SB-23	03/28/18	16.0	--	--	--	--	
SB-24	03/28/18	16.0	--	--	--	--	
SB-25	03/28/18	16.0	--	--	--	--	
SB-26	03/28/18	16.0	--	--	--	--	
SB-27	03/28/18	16.0	--	--	--	--	
SB-28	03/28/18	16.0	--	--	--	--	
SB-29	03/28/18	16.0	--	--	--	--	
SB-30	05/09/18	110.0	--	--	--	--	
SB-31	11/02/18	40.0	--	--	--	--	
SB-32	11/02/18	40.0	--	--	--	--	
MW-5A	04/03/03	85.0	--	--	--	--	
CSB-1	01/20/98	30.5	--	--	--	--	
CSB-2	01/21/98	30.5	--	--	--	--	
CSB-3	01/20/98	31.5	--	--	--	--	
CSB-4	01/21/98	55.5	--	--	--	--	
CSB-5	01/20/98	30.5	--	--	--	--	
CSB-6	01/20/98	55.5	--	--	--	--	
CPT-1	02/19/13	31.7	--	--	--	--	Cone penetration test soil boring
CPT-1A	02/19/13	47.9	--	--	--	--	Cone penetration test soil boring
CPT-3	02/20/13	53.3	--	--	--	--	Cone penetration test soil boring
HA-1	12/10/14	5.0	--	--	--	--	
HA-2	12/10/14	5.0	--	--	--	--	
HA-3	12/09/14	5.0	--	--	--	--	
HA-4	02/18/20	10.5	--	--	--	--	
HA-5	02/18/20	10.0	--	--	--	--	

Table 1
Soil Boring and Well Construction Details
ARCO Service Station No. 465
151 Southgate Avenue
Daly City, CA

Well I.D.	Completion Date	Boring Depth (feet bgs)	Well Diameter (inches)	Screen		Screen Length (feet)	Comments
				Top (feet bgs)	Bottom (feet bgs)		
Monitoring Wells							
MW-1	03/16/92	70.5	4	50.0	70.5	20.5	Destroyed 10/30/15
MW-1R	12/22/14	61.5	4	40.0	60.0	20.0	Bentonite 60 to 61.5 ft bgs, drilled from 12/9/14 - 12/22/14
MW-2	03/20/92	66.5	4	51.0	61.5	10.5	Bentenoite 61.5 to 66 ft bgs
MW-3D	08/05/92	220.0	4	202.0	220.0	18.0	Deep Monitoring Well, drilled from 7/23/92 - 8/5/92
MW-4	05/20/93	68.0	4	31.5	61.5	30.0	Cemented 61.5 to 68 ft bgs
MW-4D	02/04/15	161.5	4	140.0	160.0	20.0	Deep Monitoring Well, drilled from 1/26/01 - 2/4/01
MW-5	11/30/01	60.0	4	40.0	60.0	20.0	Deep SVE well
MW-5D	01/23/15	165.0	4	144.0	164.0	20.0	Deep Monitoring Well, drilled from 12/8/14 - 1/23/15
MW-6	11/30/01	60.0	4	38.0	60.0	22.0	
MW-6D	02/03/15	167.5	4	146.0	166.0	20.0	Deep Monitoring Well, drilled from 12/10/14 - 2/3/15
MW-7	08/28/08	61.5	2	45.0	60.0	15.0	Drilled from 8/27/08 - 8/28/08
MW-7D	01/20/15	161.5	4	140.0	160.0	20.0	Deep Monitoring Well, drilled 12/9/15 - 1/20/15
MW-8	08/29/08	59.0	2	41.0	56.0	15.0	Bentonite 56 to 59 ft bgs
MW-9	08/28/08	56.5	2	39.0	49.0	10.0	Bentonite 50 to 56.5 ft bgs
MW-9D	07/19/17	162.0	2	135.0	155.0	20.0	Bentonite 128 to 132.5 ft bgs; native 160 to 162 ft bgs
MW-10	06/29/11	60.0	4	40.0	60.0	20.0	
MW-11	06/30/11	70.0	4	30.0	50.0	20.0	Bentonite 50 to 70 ft bgs, destroyed 11/05/15
MW-11R	11/05/15	70.0	2	50.0	65.0	15.0	Redrill deepening of MW-11; bentonite 65 to 70 ft bgs
MW-12	06/28/11	58.5	4	38.5	58.5	19.0	
MW-13	01/07/15	80.5	2	17.0	32.0	15.0	Bentonite 34 to 80 ft bgs, drilled from 12/10/14 - 12/18/14
MW-14	01/06/15	80.5	2	38.0	58.0	20.0	Bentonite 58 to 80.5 ft bgs, drilled 1/5/15 - 1/6/15
MW-15	12/18/14	90.0	4	39.0	59.0	20.0	Bentonite 59 to 90 ft bgs, drilled from 12/10/14 - 12/18/14
MW-16	01/28/15	62.5	2	52.5	62.5	10.0	Drilled from 1/26/15 - 1/28/15
MW-16D	03/13/19	149.0	2	129.0	149.0	20.0	Drilled from 3/7/19 - 3/13/19
MW-17	01/28/15	60.0	2	48.0	58.0	10.0	Bentonite 58 to 60 ft bgs, drilled from 1/26/15 - 1/28/15
MW-18	10/26/15	64.5	2	54.5	64.5	10.0	
MW-18D	03/06/19	155.0	2	134.0	154.0	20.0	Drilled from 2/28/19 - 3/6/19; native 154 to 155 ft bgs
MW-19	05/17/16	62.5	2	52.5	62.5	10.0	Drilled from 5/10/16 - 5/17/16
MW-19D	02/25/19	145.0	2	125.0	145.0	20.0	Drilled from 2/20/19 - 2/25/19

Table 1
Soil Boring and Well Construction Details
ARCO Service Station No. 465
151 Southgate Avenue
Daly City, CA

Well I.D.	Completion Date	Boring Depth (feet bgs)	Well Diameter (inches)	Screen		Screen Length (feet)	Comments
				Top (feet bgs)	Bottom (feet bgs)		
Vapor Extraction Wells							
V-1	03/17/92	31.0	4	15.0	30.5	15.5	
V-2	03/19/92	30.5	4	15.0	30.5	15.5	
V-3	03/17/92	31.0	4	15.0	30.5	15.5	Destroyed 8/29/2000
V-4	03/26/92	65.0	4	15.0	35.5	20.5	Bentonite 38 to 65 ft bgs
V-5	03/18/92	90.0	4	15.0	35.5	20.5	Cement 38-90 ft bgs
V-6	03/31/92	80.5	4	37.0	57.5	20.5	Bentonite 58.5 to 80.5 ft bgs
V-7	07/22/92	85.0	4	20.0	40.0	20.0	Bentonite 45 to 85 ft bgs
V-8	05/19/93	85.0	4	31.5	60.5	29.0	Cement 60.5 to 85 ft bgs
V-9	06/27/11	40.0	4	20.0	40.0	20.0	
V-10	06/29/11	36.0	4	16.0	36.0	20.0	
V-11	12/16/14	121.0	4	70.0	100.0	20.0	Bentonite 90 to 121 ft bgs, drilled from 12/14/14 - 12/16/14
V-12	10/15/15	90.0	4	70.0	90.0	20.0	Drilled from 10/7/15 - 10/15/15
V-13	10/13/15	90.0	4	70.0	90.0	20.0	Drilled from 10/8/15 - 10/13/15
V-14	05/09/16	91.5	4	70.0	90.0	20.0	Drilled from 5/9/16 - 5/12/16, bentonite from 90 to 91.5 ft bgs
Soil Vapor Probe							
SV-1S	06/07/11	5.5	0.75	5.25	5.75	0.5	Nested Soil Vapor Probe
SV-1D	06/07/11	10.0	0.75	9.25	9.75	0.5	Nested Soil Vapor Probe

Explanation

Wells are of poly-vinyl-chloride (PVC) construction

ft bgs = Feet Below ground surface

-- = Denotes unknown data or not applicable

Proposed soil boring SB-6 was not advanced per the April 5, 2006 Additional Soil and Groundwater Investigation Interim Report.

TABLE 2a
Historical Soil Analytical Data
ARCO Service Station No. 465
151 Southgate Avenue
Daly City, CA

Sample I.D.	Date	Depth (ft bgs)	GRO (mg/kg)	DRO (mg/kg)	ORO (mg/kg)	Total TPH (mg/kg)	Benzene (mg/kg)	Toluene (mg/kg)	Ethylbenzene (mg/kg)	Xylene (Total) (mg/kg)	MTBE (SW8260B) (mg/kg)	DIPE (mg/kg)	ETBE (mg/kg)	TAME (mg/kg)	TBA (mg/kg)	1,2-DCA (mg/kg)	EDB (mg/kg)	Naphthalene (mg/kg)	Stoddard Solvent (mg/kg)	Oil and Grease (mg/kg)	Jet Fuel (mg/kg)
S-2-TP1	08/29/2000	2	< 1	--	--	--	< 0.005	< 0.005	< 0.005	< 0.005	< 0.05 H	--	--	--	--	--	--	--	--	--	--
S-2-TP2	08/29/2000	2	< 1	--	--	--	< 0.005	< 0.005	< 0.005	< 0.005	< 0.05 H	--	--	--	--	--	--	--	--	--	--
S-13-TP1N	08/31/2000	13	**19.2**	--	--	--	< 0.0125	**0.0493**	**0.0511**	**0.374**	**61.3**	< 1	< 1	< 1	< 50	< 1	< 1	--	--	--	--
S-12-TP1S	08/31/2000	12	**5,830**	--	--	--	< 5	**461**	**125**	**769**	**264**	< 5	< 5	< 5	< 250	< 5	< 5	--	--	--	--
S-13-TP1M	08/31/2000	13	**6,590**	--	--	--	< 5	**462**	**130**	**804**	**956**	< 20	< 20	< 20	< 1000	< 20	< 20	--	--	--	--
S-11-TP2N	08/31/2000	11	< 1	--	--	--	< 0.005	< 0.005	< 0.005	< 0.005	**38.3**	< 0.5	< 0.5	< 0.5	< 25	< 0.5	< 0.5	--	--	--	--
S-12-TP2S	08/31/2000	12	**4,650**	--	--	--	< 5	**59.6**	**36.6**	**403**	**33.3**	< 2	< 2	< 2	< 100	< 2	< 2	--	--	--	--
S-13-TP3S	08/31/2000	13	**59.7**	--	--	--	< 0.05	< 0.05	< 0.05	**0.0958**	**14**	< 0.2	< 0.2	< 0.2	< 10	< 0.2	< 0.2	--	--	--	--
S-11-TP3N	08/31/2000	11	< 1	--	--	--	**0.0056**	**0.0199**	< 0.005	**0.0172**	**16.6**	< 0.2	< 0.2	< 0.2	< 10	< 0.2	< 0.2	--	--	--	--
S-18-TP2SE	09/06/2000	18	**3,440**	--	--	--	< 2.5	**199**	**75.3**	**469**	**140**	< 2	< 2	< 2	< 100	< 2	< 2	--	--	--	--
S-18-TP2SW	09/06/2000	18	**2,420**	--	--	--	**6.18**	**74.9**	**51.1**	**361**	**38.7**	< 2	< 2	< 2	< 100	< 2	< 2	--	--	--	--
S-18-TP2NE	09/06/2000	18	< 1	--	--	--	< 0.005	< 0.005	< 0.005	< 0.005	**0.768**	< 0.1	< 0.1	< 0.1	< 5	< 0.1	< 0.1	--	--	--	--
S-18-TP2NW	09/06/2000	18	**1.8**	--	--	--	< 0.005	< 0.005	< 0.005	**0.0107**	**3.3**	< 0.1	< 0.1	< 0.1	< 5	< 0.1	< 0.1	--	--	--	--
WO-1-8	10/21/1997	8	**2,700**	**2,700**	--	--	< 1	< 1	**2.7**	**12**	< 5	--	--	--	--	< 2	--	--	--	--	--
WO-2-15	10/30/1997	15	**2,900**	**3,100**	--	--	< 5	< 5	< 5	**16**	**0.69**	--	--	--	--	< 4	--	--	--	--	--
WO-3-7	10/30/1997	7	**860**	**330**	--	--	< 0.25	< 0.25	< 0.25	**2.3**	**0.17**	--	--	--	--	< 1	--	--	--	--	--
WO-4-4	10/30/1997	4	**2,100**	**4,000**	--	--	< 5	< 5	< 5	**25**	**7.8**	--	--	--	--	< 4	--	--	--	--	--
T-1	03/05/1999	3	< 1	--	--	--	< 0.005	< 0.005	< 0.005	< 0.005	**0.22**	--	--	--	--	--	--	--	--	--	--
T-2	03/05/1999	3	**3,000**	--	--	--	**18**	**170**	**45**	**280**	**14**	--	--	--	--	--	--	--	--	--	--
T-2A	03/10/1999	10	**9,700**	--	--	--	**82**	**650**	**150**	**990**	**500**	--	--	--	--	--	--	--	--	--	--
T-3	03/05/1999	3	< 1	--	--	--	< 0.005	< 0.005	< 0.005	**0.0074**	**1.7**	--	--	--	--	--	--	--	--	--	--
T-4	03/05/1999	3	**3,500**	--	--	--	**5.5**	**35**	**20**	260	**3.4**	--	--	--	--	--	--	--	--	--	--
T-4A	03/10/1999	8	< 1	--	--	--	< 0.005	**0.006**	< 0.005	< 0.005	**1.6**	--	--	--	--	--	--	--	--	--	--
T-5	03/05/1999	3	< 1	--	--	--	< 0.005	< 0.005	< 0.005	< 0.005	**0.046**	--	--	--	--	--	--	--	--	--	--
T-6	03/05/1999	3	**2,400**	--	--	--	**2**	**4.1**	**7.4**	78	**2.4**	--	--	--	--	--	--	--	--	--	--
T-6A	03/10/1999	4	< 1	--	--	--	< 0.005	< 0.005	< 0.005	< 0.005	**0.38**	--	--	--	--	--	--	--	--	--	--
D-1	03/05/1999	3	**1.4**	--	--	--	**0.0087**	**0.0098**	< 0.005	**0.28**	**6**	--	--	--	--	--	--	--	--	--	--
D-2	03/05/1999	3	**6,500**	--	--	--	**120**	**540**	**100**	**680**	**150**	--	--	--	--	--	--	--	--	--	--
D-3	03/05/1999	3	**1.4**	--	--	--	< 0.005	**0.0062**	< 0.005	**0.0077**	**4.9**	--	--	--	--	--	--	--	--	--	--
D-4	03/05/1999	3	**8,900**	--	--	--	**20**	**100**	**35**	**1,000**	**77**	--	--	--	--	--	--	--	--	--	--
D-5	03/05/1999	3	**5,100**	--	--	--	< 2	**34**	**64**	**480**	< 10	--	--	--	--	--	--	--	--	--	--

TABLE 2a
Historical Soil Analytical Data
ARCO Service Station No. 465
151 Southgate Avenue
Daly City, CA

Sample I.D.	Date	Depth (ft bgs)	GRO (mg/kg)	DRO (mg/kg)	ORO (mg/kg)	Total TPH (mg/kg)	Benzene (mg/kg)	Toluene (mg/kg)	Ethylbenzene (mg/kg)	Xylene (Total) (mg/kg)	MTBE (SW8260B) (mg/kg)	DIPE (mg/kg)	ETBE (mg/kg)	TAME (mg/kg)	TBA (mg/kg)	1,2-DCA (mg/kg)	EDB (mg/kg)	Naphthalene (mg/kg)	Stoddard Solvent (mg/kg)	Oil and Grease (mg/kg)	Jet Fuel (mg/kg)
D-5A	03/10/1999	3.5	< 1	--	--	--	< 0.005	< 0.005	< 0.005	< 0.005	**0.18**	--	--	--	--	--	--	--	--	--	--
D-6	03/05/1999	3	**5.2**	--	--	--	< 0.005	< 0.005	< 0.005	**0.013**	**0.18**	--	--	--	--	--	--	--	--	--	--
D-7	03/05/1999	3	**57**	--	--	--	< 0.005	**0.058**	< 0.005	**0.4**	**3.2**	--	--	--	--	--	--	--	--	--	--
D-8	03/05/1999	3	**1,300**	--	--	--	**0.99**	**2.9**	**1.5**	**27**	**4.4**	--	--	--	--	--	--	--	--	--	--
D-8A	03/10/1999	8	**2.8**	--	--	--	< 0.005	< 0.005	< 0.005	**0.031**	**0.95**	--	--	--	--	--	--	--	--	--	--
S-2-D1	09/06/2000	2	**19.9**	--	--	--	< 0.0125	< 0.0125	< 0.0125	**0.16**	**0.172**	< 0.1	< 0.1	< 0.1	< 5	< 0.1	< 0.1	--	--	--	--
S-2-D2	09/06/2000	2	**3,410**	--	--	--	< 2.5	**4.52**	**12.8**	**96.8**	**4.48**	< 0.5	< 0.5	< 0.5	< 25	< 0.5	< 0.5	--	--	--	--
S-2-D3	09/06/2000	2	**2.43**	--	--	--	< 0.005	< 0.005	< 0.005	< 0.005	< 0.1	< 0.1	< 0.1	< 0.1	< 5	< 0.1	< 0.1	--	--	--	--
S-2-D4	09/06/2000	2	< 1	--	--	--	< 0.005	< 0.005	< 0.005	< 0.005	< 0.1	< 0.1	< 0.1	< 0.1	< 5	< 0.1	< 0.1	--	--	--	--
S-2-D5	09/06/2000	2	**3.97**	--	--	--	< 0.005	< 0.005	< 0.005	< 0.005	< 0.1	< 0.1	< 0.1	< 0.1	< 5	< 0.1	< 0.1	--	--	--	--
S-2-D6	09/06/2000	2	< 1	--	--	--	< 0.005	< 0.005	< 0.005	< 0.005	**0.132**	< 0.1	< 0.1	< 0.1	< 5	< 0.1	< 0.1	--	--	--	--
S-2-D7	09/06/2000	2	< 1	--	--	--	< 0.005	**0.0054**	< 0.005	**0.0133**	< 0.1	< 0.1	< 0.1	< 0.1	< 5	< 0.1	< 0.1	--	--	--	--
S-2-D8	09/06/2000	2	< 1	--	--	--	< 0.005	< 0.005	< 0.005	< 0.005	< 0.1	< 0.1	< 0.1	< 0.1	< 5	< 0.1	< 0.1	--	--	--	--
S-5-D1N	09/06/2000	5	< 1	--	--	--	< 0.005	< 0.005	< 0.005	< 0.005	< 0.1	< 0.1	< 0.1	< 0.1	< 5	< 0.1	< 0.1	--	--	--	--
S-5-D1S	09/06/2000	5	**2.06**	--	--	--	< 0.005	< 0.005	< 0.005	**0.0102**	< 0.1	< 0.1	< 0.1	< 0.1	< 5	< 0.1	< 0.1	--	--	--	--
S-5-D1W	09/06/2000	5	**4.4**	--	--	--	< 0.005	< 0.005	< 0.005	**0.0077**	< 0.1	< 0.1	< 0.1	< 0.1	< 5	< 0.1	< 0.1	--	--	--	--
S-5-D1E	09/06/2000	5	< 1	--	--	--	< 0.005	< 0.005	< 0.005	< 0.005	< 0.1	< 0.1	< 0.1	< 0.1	< 5	< 0.1	< 0.1	--	--	--	--
S-5-D1B	09/06/2000	5	< 1	--	--	--	< 0.005	< 0.005	< 0.005	< 0.005	< 0.1	< 0.1	< 0.1	< 0.1	< 5	< 0.1	< 0.1	--	--	--	--
S-6-D2N	09/06/2000	6	**254**	--	--	--	< 0.25	< 0.25	< 0.25	**2.28**	< 0.1	< 0.1	< 0.1	< 0.1	< 5	< 0.1	< 0.1	--	--	--	--
S-6-D2S	09/06/2000	6	**252**	--	--	--	< 0.25	< 0.25	< 0.25	**5.3**	**0.312**	< 0.2	< 0.2	< 0.2	< 10	< 0.2	< 0.2	--	--	--	--
S-6-D2E	09/06/2000	6	**2,040**	--	--	--	< 1.25	**8.11**	**2.63**	**53.4**	**4.61**	< 0.2	< 0.2	< 0.2	< 10	< 0.2	< 0.2	--	--	--	--
S-6-D2W	09/06/2000	6	**170**	--	--	--	< 0.1	< 0.1	**0.121**	**0.577**	< 0.5	< 0.5	< 0.5	< 0.5	< 25	< 0.5	< 0.5	--	--	--	--
S-6-D2B	09/06/2000	6	**543**	--	--	--	< 0.25	< 0.25	**0.397**	**10.2**	< 0.5	< 0.5	< 0.5	< 0.5	< 25	< 0.5	< 0.5	--	--	--	--
S-5-D3N	09/06/2000	5	< 1	--	--	--	< 0.005	< 0.005	< 0.005	< 0.005	< 0.1	< 0.1	< 0.1	< 0.1	< 5	< 0.1	< 0.1	--	--	--	--
S-5-D3S	09/06/2000	5	**2.38**	--	--	--	< 0.005	< 0.005	< 0.005	< 0.005	< 0.1	< 0.1	< 0.1	< 0.1	< 5	< 0.1	< 0.1	--	--	--	--
S-5-D3E	09/06/2000	5	< 1	--	--	--	< 0.005	< 0.005	< 0.005	< 0.005	< 0.1	< 0.1	< 0.1	< 0.1	< 5	< 0.1	< 0.1	--	--	--	--
S-5-D3W	09/06/2000	5	< 1	--	--	--	< 0.005	< 0.005	< 0.005	< 0.005	< 0.1	< 0.1	< 0.1	< 0.1	< 5	< 0.1	< 0.1	--	--	--	--
S-5-D3B	09/06/2000	5	< 1	--	--	--	< 0.005	< 0.005	< 0.005	< 0.005	< 0.1	< 0.1	< 0.1	< 0.1	< 5	< 0.1	< 0.1	--	--	--	--
CSB-1	01/20/1998	15	< 1	--	--	--	< 0.005	< 0.005	< 0.005	**0.009**	< 0.05	--	--	--	--	--	--	--	--	--	--
CSB-1	01/20/1998	29.5	< 1	--	--	--	< 0.005	< 0.005	< 0.005	< 0.005	< 0.05	--	--	--	--	--	--	--	--	--	--
CSB-2	01/21/1998	15	< 1	--	--	--	< 0.005	< 0.005	< 0.005	< 0.005	< 0.05	--	--	--	--	--	--	--	--	--	--
CSB-2	01/21/1998	25	**11**	--	--	--	< 0.005	< 0.005	< 0.005	**0.006**	< 0.05	--	--	--	--	--	--	--	--	--	--
CSB-2	01/21/1998	30	< 1	--	--	--	< 0.005	< 0.005	< 0.005	< 0.005	< 0.05	--	--	--	--	--	--	--	--	--	--

TABLE 2a
Historical Soil Analytical Data
ARCO Service Station No. 465
151 Southgate Avenue
Daly City, CA

Sample I.D.	Date	Depth (ft bgs)	GRO (mg/kg)	DRO (mg/kg)	ORO (mg/kg)	Total TPH (mg/kg)	Benzene (mg/kg)	Toluene (mg/kg)	Ethylbenzene (mg/kg)	Xylene (Total) (mg/kg)	MTBE (SW8260B) (mg/kg)	DIPE (mg/kg)	ETBE (mg/kg)	TAME (mg/kg)	TBA (mg/kg)	1,2-DCA (mg/kg)	EDB (mg/kg)	Naphthalene (mg/kg)	Stoddard Solvent (mg/kg)	Oil and Grease (mg/kg)	Jet Fuel (mg/kg)
CSB-3	01/20/1998	15	**2**	--	--	--	< 0.005	**0.012**	**0.005**	**0.068**	**0.66**	--	--	--	--	--	--	--	--	--	--
CSB-3	01/20/1998	21	**12**	--	--	--	< 0.005	**0.02**	**0.009**	**1.2**	**0.15**	--	--	--	--	--	--	--	--	--	--
CSB-3	01/20/1998	25	**19**	--	--	--	< 0.005	**0.007**	**0.025**	**1.5**	< 0.05	--	--	--	--	--	--	--	--	--	--
CSB-3	01/20/1998	31	< 1	--	--	--	< 0.005	**0.008**	< 0.005	**0.041**	< 0.05	--	--	--	--	--	--	--	--	--	--
CSB-4	01/21/1998	20	< 1	--	--	--	< 0.005	< 0.005	< 0.005	**0.007**	< 0.05	--	--	--	--	--	--	--	--	--	--
CSB-4	01/21/1998	25	< 1	--	--	--	< 0.005	< 0.005	< 0.005	< 0.005	< 0.05	--	--	--	--	--	--	--	--	--	--
CSB-4	01/21/1998	30	< 1	--	--	--	< 0.005	< 0.005	< 0.005	< 0.005	< 0.05	--	--	--	--	--	--	--	--	--	--
CSB-4	01/21/1998	40	< 1	--	--	--	< 0.005	< 0.005	< 0.005	< 0.005	< 0.05	--	--	--	--	--	--	--	--	--	--
CSB-4	01/21/1998	54.5	< 1	--	--	--	< 0.005	**0.005**	< 0.005	< 0.005	< 0.05	--	--	--	--	--	--	--	--	--	--
CSB-5	01/20/1998	20	**760 G**	--	--	--	< 0.25	**0.49**	**10**	**71**	< 2.5	--	--	--	--	--	--	--	--	--	--
CSB-5	01/20/1998	24.5	**300**	--	--	--	< 0.12	**2.1**	**1.8**	**35**	<0.7	--	--	--	--	--	--	--	--	--	--
CSB-5	01/20/1998	29	**12**	--	--	--	< 0.005	**0.17**	**0.086**	**1.5**	< 0.05	--	--	--	--	--	--	--	--	--	--
CSB-6	01/20/1998	5	**2900 G**	**11000 A**	--	**10,000**	< 1.2	< 1.2	**8.9**	**49**	< 13	--	--	--	--	< 0.25, M1	--	< 1, M1	--	--	--
CSB-6	01/20/1998	15	**1800 G**	**2400 B**	--	**1,400**	< 1.2	< 1.2	**2.5**	**14**	< 13	--	--	--	--	< 0.25, M1	--	< 1, M1	--	--	--
CSB-6	01/20/1998	29.5	**39 G**	**140 C**	--	--	< 0.012	**0.016**	**0.059**	**0.3**	< 0.12	--	--	--	--	< 0.05	--	--	--	--	--
CSB-6	01/20/1998	34.5	**10 G**	**18 D**	--	--	< 0.005	< 0.005	**0.008**	**0.074**	< 0.05	--	--	--	--	< 0.05	--	--	--	--	--
CSB-6	01/20/1998	44	**550 G**	**510 E**	--	--	< 0.12	< 0.12	**0.27**	**1.7**	< 1.2	--	--	--	--	< 0.05	--	--	--	--	--
CSB-6	01/20/1998	54.5	**15 G**	**20 F**	--	--	< 0.005	< 0.005	**0.01**	**0.056**	< 0.05	--	--	--	--	< 0.05	--	--	--	--	--
SB-1	11/29/2001	5	< 1	--	--	--	< 0.005	**0.0057**	< 0.005	< 0.005	< 0.1	< 0.1	< 0.1	< 0.1	< 5	< 0.1	< 0.1	--	--	--	--
SB-1	11/29/2001	9.5	**6.6**	--	--	--	< 0.005	**0.15**	**0.016**	**0.49**	**1.5**	< 0.1	< 0.1	< 0.1	< 5	< 0.1	< 0.1	--	--	--	--
SB-1	11/29/2001	14	**440**	--	--	--	**0.34**	**18**	**7.4**	**50**	**13**	< 0.33	< 0.33	< 0.33	< 17	< 0.33	< 0.33	--	--	--	--
SB-1	11/29/2001	20.5	**1.5**	--	--	--	**0.034**	**0.096**	**0.022**	**0.18**	**4**	< 0.1	< 0.1	< 0.1	< 5	< 0.1	< 0.1	--	--	--	--
SB-1	11/29/2001	25.5	**96**	--	--	--	< 0.05	**0.41**	**0.095**	**0.77**	**1.2**	< 0.1	< 0.1	< 0.1	< 5	< 0.1	< 0.1	--	--	--	--
SB-1	11/29/2001	30.5	< 1	--	--	--	< 0.005	**0.0081**	< 0.005	**0.0067**	< 0.1	< 0.1	< 0.1	< 0.1	< 5	< 0.1	< 0.1	--	--	--	--
SB-1	11/29/2001	49	< 1	--	--	--	< 0.005	< 0.005	< 0.005	< 0.005	< 0.1	< 0.1	< 0.1	< 0.1	< 5	< 0.1	< 0.1	--	--	--	--
MW-5A	04/03/2003	24.5	**3,200**	**1,500**	< 400	--	**1.6**	**160**	**54**	**480**	**35**	< 0.25	< 0.25	< 0.25	< 50	< 0.25	< 0.25	--	**2,400**	**1,200**	--
MW-5A	04/03/2003	55.5	**7.3**	< 1	< 10	--	< 0.05	**0.079**	< 0.05	**0.2**	**4**	< 0.025	< 0.025	< 0.025	< 5	< 0.025	< 0.025	--	< 1.0	< 50	--
MW-5A	04/03/2003	57	**5.4**	< 1	< 10	--	< 0.05	< 0.05	< 0.05	< 0.05	**2.9**	< 0.025	< 0.025	< 0.025	< 5	< 0.025	< 0.025	--	< 1.0	< 50	--
MW-5A	04/03/2003	58.5	**14**	**1**	< 10	--	< 0.05	< 0.05	< 0.05	< 0.05	**8.6**	< 0.025	< 0.025	< 0.025	< 5	< 0.025	< 0.025	--	**1.1**	< 50	--
MW-5A	04/03/2003	60.5	< 5	< 1	< 10	--	< 0.05	< 0.05	< 0.05	**0.056**	**1**	< 0.025	< 0.025	< 0.025	< 5	< 0.025	< 0.025	--	< 1.0	< 50	--
MW-5A	04/03/2003	70	< 5	< 1	< 10	--	< 0.05	< 0.05	< 0.05	< 0.05	**0.3**	< 0.025	< 0.025	< 0.025	< 5	< 0.025	< 0.025	--	< 1.0	< 50	--
MW-5A	04/03/2003	75	< 5	< 1	< 10	--	< 0.05	< 0.05	< 0.05	< 0.05	**0.12**	< 0.025	< 0.025	< 0.025	< 5	< 0.025	< 0.025	--	< 1.0	< 50	--
MW-5A	04/03/2003	80	< 5	< 1	< 10	--	< 0.05	< 0.05	< 0.05	< 0.05	**0.34**	< 0.025	< 0.025	< 0.025	< 5	< 0.025	< 0.025	--	< 1.0	< 50	--
MW-5A	04/03/2003	85	< 5	< 1	< 10	--	< 0.05	< 0.05	< 0.05	< 0.05	**0.19**	< 0.025	< 0.025	< 0.025	< 5	< 0.025	< 0.025	--	< 1.0	< 50	--
SB-1A	07/19/2005	6.5	< 2.5	**3.5**	--	--	< 0.05	< 0.05	< 0.05	< 0.05	**0.034**	< 0.025	< 0.025	< 0.025	< 5	< 0.025	< 0.025	--	**3.4**	--	--
SB-1A	07/19/2005	11.5	**2.9**	**3.2**	--	--	< 0.05	< 0.05	< 0.05	< 0.05	**1.1**	< 0.025	< 0.025	< 0.025	< 5	< 0.025	< 0.025	--	< 1.0	--	--
SB-1A	07/19/2005	16.5	**2,700**	**790**	--	--	< 0.25	< 0.25	< 0.25	< 0.25	**7.9**	< 1.2	< 1.2	< 1.2	< 250	< 1.2	< 1.2	--	**1,200**	--	--
SB-1A	07/19/2005	21.5	**190**	**8**	--	--	< 0.25	< 0.25	< 0.25	**3.7**	**120**	< 1.2	< 1.2	< 1.2	< 250	< 1.2	< 1.2	--	**6.4**	--	--
SB-1A	07/19/2005	26.5	**91**	**12**	--	--	< 1	**1.3**	< 1	**4**	**38**	< 0.5	< 0.5	< 0.5	< 100	< 0.5	< 0.5	--	**7.9**	--	--
SB-1A	07/19/2005	31.5	**480**	**69**	--	--	< 1	**6.3**	**1.5**	**49**	**55**	< 0.5	< 0.5	< 0.5	< 100	< 0.5	< 0.5	--	**76**	--	--
SB-1A	07/19/2005	36.5	**410**	**88**	--	--	< 1	**7.8**	**4.2**	**41**	**31**	< 0.5	< 0.5	< 0.5	< 100	< 0.5	< 0.5	--	**120**	--	--
SB-1A	07/19/2005	41.5	**29**	**5.4**	--	--	< 0.05	< 0.05	< 0.05	< 0.05	**20**	< 0.25	< 0.25	< 0.25	< 50	< 0.25	< 0.25	--	**4.2**	--	--
SB-1A	07/19/2005	46.5	**1,200**	**180**	--	--	< 10	**23**	**10**	**83**	**15**	< 5	< 5	< 5	< 1000	< 5	< 5	--	**250**	--	--
SB-1A	07/19/2005	51.5	**13**	**2.8**	--	--	< 0.25	< 0.25	< 0.25	< 0.25	**8.1**	< 0.12	< 0.12	< 0.12	< 25	< 0.12	< 0.12	--	**2.3**	--	--
SB-1A	07/19/2005	56.5	**19**	< 1.0	--	--	< 0.25	< 0.25	< 0.25	< 0.25	**16**	< 0.12	< 0.12	< 0.12	< 25	< 0.12	< 0.12	--	< 1.0	--	--
SB-1A	07/19/2005	61.5	**15**	< 1.0	--	--	< 0.25	< 0.25	< 0.25	< 0.25	**11**	< 0.12	< 0.12	< 0.12	< 25	< 0.12	< 0.12	--	< 1.0	--	--
SB-1A	07/19/2005	66.5	< 2.5	< 1.0	--	--	< 0.05	< 0.05	< 0.05	< 0.05	**0.22**	< 0.025	< 0.025	< 0.025	< 5	< 0.025	< 0.025	--	< 1.0	--	--
SB-1A	07/19/2005	71.5	< 2.5	< 1.0	--	--	< 0.05	< 0.05	< 0.05	< 0.05	**0.065**	< 0.025	< 0.025	< 0.025	< 5	< 0.025	< 0.025	--	< 1.0	--	--
SB-2	07/18/2005	6.5	**0.1**	--	--	--	< 0.0048	**0.009**	< 0.0048	< 0.0048	**0.069**	< 0.0048	< 0.0048	< 0.0048	< 0.019	< 0.0048	< 0.0048	< 0.005, BU	--	--	--
SB-2	07/18/2005	10.5	< 0.099	--	--	--	< 0.005	< 0.005	< 0.005	< 0.005	**0.045**	< 0.005	< 0.005	< 0.005	< 0.02	< 0.005	< 0.005	< 0.005, BU	--	--	--
SB-2	07/18/2005	15.5	< 0.097	--	--	--	< 0.0048	< 0.0048	< 0.0048	< 0.0048	**0.019**	< 0.0048	< 0.0048	< 0.0048	< 0.019	< 0.0048	< 0.0048	< 0.005, BU	--	--	--
SB-2	07/18/2005	20.5	< 0.097	--	--	--	< 0.0048	< 0.0048	< 0.0048	< 0.0048	**0.026**	< 0.0048	< 0.0048	< 0.0048	< 0.019	< 0.0048	< 0.0048	< 0.005, BU	--	--	--
SB-2	07/18/2005	25.5	< 0.097	--	--	--	< 0.0048	< 0.0048	< 0.0048	< 0.0048	**0.068**	< 0.0048	< 0.0048	< 0.0048	**0.13**	< 0.0048	< 0.0048	< 0.005, BU	--	--	--
SB-2	07/18/2005	30.5	**3.1**	--	--	--	< 0.05	< 0.05	< 0.05	< 0.05	**1.5**	< 0.025	< 0.025	< 0.025	< 5	< 0.05	< 0.05	< 0.2	--	--	--

TABLE 2a
Historical Soil Analytical Data
ARCO Service Station No. 465
151 Southgate Avenue
Daly City, CA

Sample I.D.	Date	Depth (ft bgs)	GRO (mg/kg)	DRO (mg/kg)	ORO (mg/kg)	Total TPH (mg/kg)	Benzene (mg/kg)	Toluene (mg/kg)	Ethylbenzene (mg/kg)	Xylene (Total) (mg/kg)	MTBE (SW8260B) (mg/kg)	DIPE (mg/kg)	ETBE (mg/kg)	TAME (mg/kg)	TBA (mg/kg)	1,2-DCA (mg/kg)	EDB (mg/kg)	Naphthalene (mg/kg)	Stoddard Solvent (mg/kg)	Oil and Grease (mg/kg)	Jet Fuel (mg/kg)
SB-2	07/18/2005	35.5	**5.5**	--	--	--	< 0.05	< 0.05	< 0.05	< 0.05	**4.4**	< 0.025	< 0.025	< 0.025	< 5	< 0.05	< 0.05	< 0.2	--	--	--
SB-2	07/18/2005	40.5	**5**	--	--	--	< 0.05	< 0.05	< 0.05	< 0.05	**3.7**	< 0.025	< 0.025	< 0.025	< 5	< 0.05	< 0.05	< 0.2	--	--	--
SB-2	07/18/2005	45.5	**5.9**	--	--	--	< 0.05	< 0.05	< 0.05	< 0.05	**4.7**	< 0.025	< 0.025	< 0.025	< 5	< 0.05	< 0.05	< 0.2	--	--	--
SB-2	07/18/2005	50.5	**3.9**	--	--	--	< 0.05	< 0.05	< 0.05	< 0.05	**2.5**	< 0.025	< 0.025	< 0.025	< 5	< 0.05	< 0.05	< 0.2	--	--	--
SB-2	07/18/2005	56.5	**2.7**	--	--	--	< 0.05	< 0.05	< 0.05	< 0.05	**1.1**	< 0.025	< 0.025	< 0.025	< 5	< 0.05	< 0.05	< 0.2	--	--	--
SB-2	07/18/2005	60	**3.2**	--	--	--	< 0.05	< 0.05	< 0.05	< 0.05	**1.8**	< 0.025	< 0.025	< 0.025	< 5	< 0.05	< 0.05	< 0.2	--	--	--
SB-2	07/18/2005	66.5	**2.6**	--	--	--	< 0.05	< 0.05	< 0.05	< 0.05	**0.86**	< 0.025	< 0.025	< 0.025	< 5	< 0.05	< 0.05	< 0.2	--	--	--
SB-2	07/18/2005	71.5	< 2.5	--	--	--	< 0.05	< 0.05	< 0.05	< 0.05	**0.45**	< 0.025	< 0.025	< 0.025	< 5	< 0.05	< 0.05	< 0.2	--	--	--
SB-3	07/18/2005	7.5	< 0.096	--	--	--	< 0.0048	< 0.0048	< 0.0048	< 0.0048	**0.071**	< 0.0048	< 0.0048	< 0.0048	< 0.019	< 0.0048	< 0.0048	< 0.005, BU	--	--	--
SB-3	07/18/2005	11.5	< 0.5	--	--	--	< 0.025	< 0.025	< 0.025	< 0.025	**0.087**	< 0.025	< 0.025	< 0.025	< 0.1	< 0.025	< 0.025	< 0.01,BU,BH	--	--	--
SB-3	07/18/2005	16	< 0.5	--	--	--	< 0.025	< 0.025	< 0.025	< 0.025	**0.12**	< 0.025	< 0.025	< 0.025	< 0.1	0.01,BU,B	0.01,BU,B	< 0.01,BU,BH	--	--	--
SB-3	07/18/2005	20.5	**18**	--	--	--	< 0.05	**0.24**	< 0.05	**1**	**6.4**	< 0.025	< 0.025	< 0.025	< 5	< 0.05	< 0.05	< 0.2	--	--	--
SB-3	07/18/2005	25.5	**260**	--	--	--	< 1	**8.8**	**3.5**	**26**	**52**	< 0.5	< 0.5	< 0.5	< 100	< 1	< 1	< 0.2	--	--	--
SB-3	07/18/2005	30.5	**17**	--	--	--	< 0.05	< 0.05	< 0.05	**0.069**	**18**	< 0.025	< 0.025	< 0.025	< 5	< 0.05	< 0.05	< 0.2	--	--	--
SB-3	07/18/2005	36.5	**8.6**	--	--	--	< 0.05	< 0.05	< 0.05	< 0.05	**7.9**	< 0.025	< 0.025	< 0.025	< 5	< 0.05	< 0.05	< 0.2	--	--	--
SB-3	07/18/2005	41	< 12	--	--	--	< 0.25	< 0.25	< 0.25	< 0.25	**1.8**	< 0.12	< 0.12	< 0.12	< 25	< 0.25	< 0.25	< 1	--	--	--
SB-3	07/18/2005	46	**5.3**	--	--	--	< 0.05	< 0.05	< 0.05	< 0.05	**4**	< 0.025	< 0.025	< 0.025	< 5	< 0.05	< 0.05	< 0.2	--	--	--
SB-3	07/18/2005	50.5	**4.8**	--	--	--	< 0.05	< 0.05	< 0.05	< 0.05	**3.4**	< 0.025	< 0.025	< 0.025	< 5	< 0.05	< 0.05	< 0.2	--	--	--
SB-3	07/18/2005	56	**3.9**	--	--	--	< 0.05	< 0.05	< 0.05	< 0.05	**2.3**	< 0.025	< 0.025	< 0.025	< 5	< 0.05	< 0.05	< 0.2	--	--	--
SB-3	07/18/2005	61	< 2.5	--	--	--	< 0.05	< 0.05	< 0.05	< 0.05	**0.56**	< 0.025	< 0.025	< 0.025	< 5	< 0.05	< 0.05	< 0.2	--	--	--
SB-3	07/18/2005	61.5	< 2.5	--	--	--	< 0.05	< 0.05	< 0.05	< 0.05	**0.4**	< 0.025	< 0.025	< 0.025	< 5	< 0.05	< 0.05	< 0.2	--	--	--
SB-3	07/18/2005	65	< 0.099	--	--	--	< 0.005	< 0.005	< 0.005	< 0.005	**0.056**	< 0.005	< 0.005	< 0.005	< 0.02	< 0.005, BU	< 0.005, BU	< 0.005, BU	--	--	--
SB-3	07/18/2005	71.5	< 0.098	--	--	--	< 0.0049	< 0.0049	< 0.0049	< 0.0049	**0.016**	< 0.0049	< 0.0049	< 0.0049	< 0.02	< 0.0049	< 0.0049	< 0.005, BU	--	--	--
SB-3	07/18/2005	76	< 0.099	--	--	--	< 0.005	< 0.005	< 0.005	< 0.005	**0.0053**	< 0.005	< 0.005	< 0.005	< 0.02	< 0.005, BU	< 0.005, BU	< 0.005, BU	--	--	--
SB-3	07/18/2005	81.5	< 0.099	--	--	--	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.02	< 0.005	< 0.005	< 0.005, BU	--	--	--
SB-4	09/29/2005	40.5	< 0.1	--	--	--	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.02	< 0.005	< 0.005	--	--	--	--
SB-4	09/29/2005	45.5	< 0.1	--	--	--	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.02	< 0.005	< 0.005	--	--	--	--
SB-5	09/29/2005	35.5	< 0.1	--	--	--	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.02	< 0.005	< 0.005	--	--	--	--
SB-5	09/29/2005	40	< 0.1	--	--	--	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.02	< 0.005	< 0.005	--	--	--	--
SB-7	09/28/2005	50.5	< 0.1	--	--	--	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.02	< 0.005	< 0.005	--	--	--	--
SB-7	09/28/2005	55.5	< 0.1	--	--	--	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.02	< 0.005	< 0.005	--	--	--	--
SB-8	09/27/2005	40.5	< 0.1	--	--	--	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.02	< 0.005	< 0.005	--	--	--	--
SB-8	09/27/2005	45.5	< 0.1	--	--	--	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.02	< 0.005	< 0.005	--	--	--	--
SB-9	09/27/2005	35.5	< 0.1	--	--	--	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.02	< 0.005	< 0.005	--	--	--	--
SB-9	09/27/2005	45.5	< 0.1	--	--	--	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.02	< 0.005	< 0.005	--	--	--	--
SB-9	09/27/2005	50.5	< 0.1	--	--	--	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.02	< 0.005	< 0.005	--	--	--	--
SB-10	09/28/2005	36	< 0.1	--	--	--	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.02	< 0.005	< 0.005	--	--	--	--
SB-11	03/19/2013	50	< 0.39	--	--	--	< 0.002	< 0.002	< 0.002	< 0.0039	**0.06**	< 0.0049	< 0.0049	< 0.0049	**1.8**	< 0.002	< 0.002	--	--	--	--
SB-11	03/19/2013	55	< 0.37	--	--	--	< 0.002	< 0.002	< 0.002	< 0.0039	**0.01**	< 0.0049	< 0.0049	< 0.0049	**1.9**	< 0.002	< 0.002	--	--	--	--
SB-11	03/19/2013	60	< 1.8	--	--	--	< 0.0051	< 0.0051	< 0.0051	< 0.01	**0.12**	< 0.013	< 0.013	< 0.013	**2.2**	< 0.0051	< 0.0051	--	--	--	--
SB-11	03/19/2013	62	**2**	--	--	--	< 0.5	< 0.5	< 0.5	< 1	**99**	< 1.2	< 1.2	< 1.2	< 25	< 0.5	< 0.5	--	--	--	--
SB-11	03/19/2013	65	< 0.79	--	--	--	< 0.1	< 0.1	< 0.1	< 0.2	**16**	< 0.25	< 0.25	< 0.25	**7**	< 0.1	< 0.1	--	--	--	--
SB-11	03/19/2013	70	< 0.72	--	--	--	< 0.1	< 0.1	< 0.1	< 0.2	**2.8**	< 0.25	< 0.25	< 0.25	**12**	< 0.1	< 0.1	--	--	--	--
SB-11	03/19/2013	75	< 0.75	--	--	--	< 0.01	< 0.01	< 0.01	< 0.02	**1.4**	< 0.025	< 0.025	< 0.025	**8.9**	< 0.01	< 0.01	--	--	--	--
SB-11	03/20/2013	80	< 0.37	--	--	--	< 0.002	< 0.002	< 0.002	< 0.004	**0.03**	< 0.005	< 0.005	< 0.005	**0.26**	< 0.002	< 0.002	--	--	--	--
SB-11	03/20/2013	85	< 0.37	--	--	--	< 0.002	< 0.002	< 0.002	< 0.004	**0.022**	< 0.005	< 0.005	< 0.005	< 0.099	< 0.002	< 0.002	--	--	--	--
SB-11	03/20/2013	90	< 0.36	--	--	--	< 0.002	< 0.002	< 0.002	< 0.004	**0.07**	< 0.005	< 0.005	< 0.005	< 0.1	< 0.002	< 0.002	--	--	--	--
SB-11	03/20/2013	95	< 0.39	--	--	--	< 0.002	< 0.002	< 0.002	< 0.004	**0.015**	< 0.005	< 0.005	< 0.005	< 0.099	< 0.002	< 0.002	--	--	--	--
SB-11	03/20/2013	100	< 0.35	--	--	--	< 0.002	< 0.002	< 0.002	< 0.004	**0.029**	< 0.005	< 0.005	< 0.005	< 0.1	< 0.002	< 0.002	--	--	--	--
SB-11	03/20/2013	105	< 0.35	--	--	--	< 0.002	< 0.002	< 0.002	< 0.004	< 0.005	< 0.005	< 0.005	< 0.005	< 0.099	< 0.002	< 0.002	--	--	--	--
SB-11	03/20/2013	110	< 0.37	--	--	--	< 0.002	< 0.002	< 0.002	< 0.004	**0.011**	< 0.005	< 0.005	< 0.005	< 0.099	< 0.002	< 0.002	--	--	--	--
SB-11	03/20/2013	115	< 0.39	--	--	--	< 0.002	< 0.002	< 0.002	< 0.004	< 0.005	< 0.005	< 0.005	< 0.005	< 0.099	< 0.002	< 0.002	--	--	--	--
SB-11	03/20/2013	120	< 0.37	--	--	--	< 0.002	< 0.002	< 0.002	< 0.004	**0.0091**	< 0.005	< 0.005	< 0.005	< 0.099	< 0.002	< 0.002	--	--	--	--

TABLE 2a
Historical Soil Analytical Data
ARCO Service Station No. 465
151 Southgate Avenue
Daly City, CA

Sample I.D.	Date	Depth (ft bgs)	GRO (mg/kg)	DRO (mg/kg)	ORO (mg/kg)	Total TPH (mg/kg)	Benzene (mg/kg)	Toluene (mg/kg)	Ethylbenzene (mg/kg)	Xylene (Total) (mg/kg)	MTBE (SW8260B) (mg/kg)	DIPE (mg/kg)	ETBE (mg/kg)	TAME (mg/kg)	TBA (mg/kg)	1,2-DCA (mg/kg)	EDB (mg/kg)	Naphthalene (mg/kg)	Stoddard Solvent (mg/kg)	Oil and Grease (mg/kg)	Jet Fuel (mg/kg)
SB-12	03/26/2013	45	< 0.38	--	--	--	< 0.002	< 0.002	< 0.002	< 0.0039	< 0.0049	< 0.0049	< 0.0049	< 0.0049	< 0.099	< 0.002	< 0.002	--	--	--	--
SB-12	03/26/2013	50	< 0.39	--	--	--	< 0.0019	< 0.0019	< 0.0019	< 0.0039	< 0.0049	< 0.0049	< 0.0049	< 0.0049	< 0.097	< 0.0019	< 0.0019	--	--	--	--
SB-12	03/26/2013	55	< 0.39	--	--	--	< 0.002	< 0.002	< 0.002	< 0.0039	< 0.0049	< 0.0049	< 0.0049	< 0.0049	< 0.098	< 0.002	< 0.002	--	--	--	--
SB-12	03/26/2013	60	< 0.4	--	--	--	< 0.002	< 0.002	< 0.002	< 0.004	< 0.005	< 0.005	< 0.005	< 0.005	< 0.099	< 0.002	< 0.002	--	--	--	--
SB-12	03/26/2013	65	< 0.37	--	--	--	< 0.002	< 0.002	< 0.002	< 0.004	< 0.005	< 0.005	< 0.005	< 0.005	< 0.1	< 0.002	< 0.002	--	--	--	--
SB-12	03/26/2013	70	< 0.38	--	--	--	< 0.002	< 0.002	< 0.002	< 0.004	< 0.005	< 0.005	< 0.005	< 0.005	< 0.099	< 0.002	< 0.002	--	--	--	--
SB-12	03/26/2013	75	< 0.38	--	--	--	< 0.002	< 0.002	< 0.002	< 0.004	**0.0058**	< 0.005	< 0.005	< 0.005	< 0.1	< 0.002	< 0.002	--	--	--	--
SB-12	03/26/2013	80	< 0.39	--	--	--	< 0.002	< 0.002	< 0.002	< 0.004	**0.006**	< 0.005	< 0.005	< 0.005	< 0.1	< 0.002	< 0.002	--	--	--	--
SB-12	03/26/2013	85	< 0.39	--	--	--	< 0.002	< 0.002	< 0.002	< 0.004	< 0.005	< 0.005	< 0.005	< 0.005	< 0.099	< 0.002	< 0.002	--	--	--	--
SB-12	03/26/2013	89	< 0.39	--	--	--	< 0.002	< 0.002	< 0.002	< 0.004	< 0.005	< 0.005	< 0.005	< 0.005	< 0.099	< 0.002	< 0.002	--	--	--	--
SB-12	03/26/2013	95	< 0.4	--	--	--	< 0.002	< 0.002	< 0.002	< 0.004	< 0.005	< 0.005	< 0.005	< 0.005	< 0.1	< 0.002	< 0.002	--	--	--	--
SB-12	03/26/2013	98	< 0.4	--	--	--	< 0.002	< 0.002	< 0.002	< 0.004	< 0.005	< 0.005	< 0.005	< 0.005	< 0.099	< 0.002	< 0.002	--	--	--	--
SB-13	03/22/2013	45	< 0.39	--	--	--	< 0.002	< 0.002	< 0.002	< 0.004	< 0.0049	< 0.0049	< 0.0049	< 0.0049	< 0.099	< 0.002	< 0.002	--	--	--	--
SB-13	03/22/2013	50	< 0.4	--	--	--	< 0.0019	< 0.0019	< 0.0019	< 0.0039	< 0.0049	< 0.0049	< 0.0049	< 0.0049	< 0.097	< 0.0019	< 0.0019	--	--	--	--
SB-13	03/22/2013	55	< 0.4	--	--	--	< 0.002	< 0.002	< 0.002	< 0.0039	< 0.0049	< 0.0049	< 0.0049	< 0.0049	< 0.098	< 0.002	< 0.002	--	--	--	--
SB-13	03/22/2013	60	< 0.39	--	--	--	**0.011**	< 0.002	**0.0028**	**0.012**	< 0.0049	< 0.0049	< 0.0049	< 0.0049	< 0.098	< 0.002	< 0.002	--	--	--	--
SB-13	03/22/2013	65	< 0.38	--	--	--	< 0.002	< 0.002	< 0.002	< 0.004	< 0.0049	< 0.0049	< 0.0049	< 0.0049	< 0.099	< 0.002	< 0.002	--	--	--	--
SB-13	03/22/2013	70	< 0.4	--	--	--	< 0.002	< 0.002	< 0.002	< 0.0039	< 0.0049	< 0.0049	< 0.0049	< 0.0049	< 0.098	< 0.002	< 0.002	--	--	--	--
SB-13	03/22/2013	75	< 0.39	--	--	--	< 0.0019	< 0.0019	< 0.0019	< 0.0039	< 0.0049	< 0.0049	< 0.0049	< 0.0049	< 0.097	< 0.0019	< 0.0019	--	--	--	--
SB-13	03/22/2013	80	< 0.41	--	--	--	< 0.002	< 0.002	< 0.002	< 0.0039	< 0.0049	< 0.0049	< 0.0049	< 0.0049	< 0.098	< 0.002	< 0.002	--	--	--	--
SB-13	03/25/2013	85	< 0.4	--	--	--	< 0.0019	< 0.0019	< 0.0019	< 0.0039	< 0.0048	< 0.0048	< 0.0048	< 0.0048	< 0.097	< 0.0019	< 0.0019	--	--	--	--
SB-13	03/25/2013	90	< 0.4	--	--	--	< 0.002	< 0.002	< 0.002	< 0.0039	< 0.0049	< 0.0049	< 0.0049	< 0.0049	< 0.098	< 0.002	< 0.002	--	--	--	--
SB-13	03/25/2013	95	< 0.39	--	--	--	< 0.002	< 0.002	< 0.002	< 0.004	< 0.005	< 0.005	< 0.005	< 0.005	< 0.1	< 0.002	< 0.002	--	--	--	--
SB-13	03/25/2013	100	< 0.38	--	--	--	< 0.002	< 0.002	< 0.002	< 0.0039	< 0.0049	< 0.0049	< 0.0049	< 0.0049	< 0.099	< 0.002	< 0.002	--	--	--	--
SB-14	01/07/2015	10	< 0.39	--	--	--	< 0.002	< 0.002	< 0.002	< 0.004	< 0.005	< 0.005	< 0.005	< 0.005	< 0.099	< 0.002	< 0.002	--	--	--	--
SB-14	01/07/2015	20	< 0.39	--	--	--	< 0.002	< 0.002	< 0.002	< 0.004	< 0.005	< 0.005	< 0.005	< 0.005	< 0.099	< 0.002	< 0.002	--	--	--	--
SB-14	01/07/2015	30	< 0.39	--	--	--	< 0.002	< 0.002	< 0.002	< 0.004	< 0.005	< 0.005	< 0.005	< 0.005	< 0.1	< 0.002	< 0.002	--	--	--	--
SB-14	01/07/2015	40	< 0.4	--	--	--	< 0.002	< 0.002	< 0.002	< 0.004	< 0.005	< 0.005	< 0.005	< 0.005	< 0.099	< 0.002	< 0.002	--	--	--	--
SB-14	01/07/2015	50	< 0.4	--	--	--	< 0.002	< 0.002	< 0.002	< 0.004	< 0.005	< 0.005	< 0.005	< 0.005	< 0.1	< 0.002	< 0.002	--	--	--	--
SB-14	01/07/2015	60	< 0.4	--	--	--	< 0.002	< 0.002	< 0.002	< 0.004	< 0.005	< 0.005	< 0.005	< 0.005	< 0.1	< 0.002	< 0.002	--	--	--	--
SB-14	01/08/2015	70	< 0.38	--	--	--	< 0.002	< 0.002	< 0.002	< 0.004	< 0.005	< 0.005	< 0.005	< 0.005	< 0.1	< 0.002	< 0.002	--	--	--	--
SB-14	01/08/2015	80	< 0.39	--	--	--	< 0.002	< 0.002	< 0.002	< 0.004	< 0.005	< 0.005	< 0.005	< 0.005	< 0.1	< 0.002	< 0.002	--	--	--	--
SB-14	01/08/2015	90	< 0.39	--	--	--	< 0.002	< 0.002	< 0.002	< 0.004	< 0.005	< 0.005	< 0.005	< 0.005	< 0.1	< 0.002	< 0.002	--	--	--	--
SB-14	01/08/2015	100	< 0.4	--	--	--	< 0.002	< 0.002	< 0.002	< 0.004	< 0.005	< 0.005	< 0.005	< 0.005	< 0.1	< 0.002	< 0.002	--	--	--	--
SB-14	01/08/2015	110	< 0.39	--	--	--	< 0.002	< 0.002	< 0.002	< 0.004	< 0.005	< 0.005	< 0.005	< 0.005	< 0.1	< 0.002	< 0.002	--	--	--	--
SB-14	01/08/2015	120	< 0.39	--	--	--	< 0.002	< 0.002	< 0.002	< 0.004	< 0.005	< 0.005	< 0.005	< 0.005	< 0.1	< 0.002	< 0.002	--	--	--	--
SB-14	01/08/2015	130	< 0.4	--	--	--	< 0.002	< 0.002	< 0.002	< 0.004	< 0.005	< 0.005	< 0.005	< 0.005	< 0.1	< 0.002	< 0.002	--	--	--	--
SB-15	12/09/2014	10	< 0.39	--	--	--	< 0.002	< 0.002	< 0.002	< 0.004	< 0.005	< 0.005	< 0.005	< 0.005	< 0.1	< 0.002	< 0.002	--	--	--	--
SB-15	12/09/2014	20	< 0.37	--	--	--	< 0.002	< 0.002	< 0.002	< 0.004	< 0.005	< 0.005	< 0.005	< 0.005	< 0.1	< 0.002	< 0.002	--	--	--	--
SB-15	12/09/2014	25	**160**	--	--	--	< 0.1	< 0.1	< 0.1	**0.6**	< 0.25	< 0.25	< 0.25	< 0.25	< 5	< 0.1	< 0.1	--	--	--	--
SB-15	12/09/2014	30	**0.39**	--	--	--	< 0.002	**0.0081**	**0.0043**	**0.075**	**0.009**	< 0.005	< 0.005	< 0.005	**0.42**	< 0.002	< 0.002	--	--	--	--
SB-15	12/09/2014	40	< 0.39	--	--	--	< 0.002	< 0.002	< 0.002	< 0.0039	< 0.0049	< 0.0049	< 0.0049	< 0.0049	**0.42**	< 0.002	< 0.002	--	--	--	--
SB-15	12/09/2014	50	< 0.37	--	--	--	< 0.002	< 0.002	< 0.002	< 0.004	**0.015**	< 0.005	< 0.005	< 0.005	< 0.099	< 0.002	< 0.002	--	--	--	--
SB-15	12/09/2014	60	< 0.39	--	--	--	< 0.0049	< 0.0049	< 0.0049	< 0.0098	**0.18**	< 0.012	< 0.012	< 0.012	**5.6**	< 0.0049	< 0.0049	--	--	--	--
SB-15	12/09/2014	64	< 0.39	--	--	--	< 0.1	< 0.1	< 0.1	< 0.2	**2.2**	< 0.25	< 0.25	< 0.25	**34**	< 0.1	< 0.1	--	--	--	--
SB-15	12/09/2014	65	< 0.39	--	--	--	< 0.0096	< 0.0096	< 0.0096	< 0.019	**1.4**	< 0.024	< 0.024	< 0.024	**27**	< 0.0096	< 0.0096	--	--	--	--
SB-15	12/09/2014	70	< 0.39	--	--	--	< 0.1	< 0.1	< 0.1	< 0.2	**9.1**	< 0.25	< 0.25	< 0.25	**12**	< 0.1	< 0.1	--	--	--	--
SB-15	12/09/2014	80	< 0.4	--	--	--	< 0.002	< 0.002	< 0.002	< 0.0039	**2.9**	< 0.0049	< 0.0049	< 0.0049	**0.34**	< 0.002	< 0.002	--	--	--	--
SB-15	12/09/2014	90	< 0.38	--	--	--	< 0.0049	< 0.0049	< 0.0049	< 0.0098	**0.37**	< 0.012	< 0.012	< 0.012	< 0.24	< 0.0049	< 0.0049	--	--	--	--
SB-15	12/09/2014	100	< 0.39	--	--	--	< 0.002	< 0.002	< 0.002	< 0.004	**0.036**	< 0.005	< 0.005	< 0.005	**0.19**	< 0.002	< 0.002	--	--	--	--
SB-15	12/10/2014	110	< 0.39	--	--	--	< 0.002	< 0.002	< 0.002	< 0.0039	**0.1**	< 0.0049	< 0.0049	< 0.0049	**1.7**	< 0.002	< 0.002	--	--	--	--
SB-15	12/10/2014	120	< 0.38	--	--	--	< 0.002	< 0.002	< 0.002	< 0.004	< 0.005	< 0.005	< 0.005	< 0.005	< 0.099	< 0.002	< 0.002	--	--	--	--
SB-15	12/10/2014	130	< 0.38	--	--	--	< 0.002	< 0.002	< 0.002	< 0.004	< 0.005	< 0.005	< 0.005	< 0.005	< 0.1	< 0.002	< 0.002	--	--	--	--
SB-15	12/10/2014	140	< 0.39	--	--	--	< 0.002	< 0.002	< 0.002	< 0.004	< 0.005	< 0.005	< 0.005	< 0.005	< 0.1	< 0.002	< 0.002	--	--	--	--
SB-15	12/10/2014	150	< 0.39	--	--	--	< 0.002	< 0.002	< 0.002	< 0.0039	< 0.0049	< 0.0049	< 0.0049	< 0.0049	< 0.098	< 0.002	< 0.002	--	--	--	--
SB-15	12/10/2014	160	< 0.4	--	--	--	< 0.002	< 0.002	< 0.002	< 0.0039	**0.0067**	< 0.0049	< 0.0049	< 0.0049	< 0.098	< 0.002	< 0.002	--	--	--	--
SB-15	12/10/2014	170	< 0.37	--	--	--	< 0.0019	< 0.0019	< 0.0019	< 0.0039	< 0.0048	< 0.0048	< 0.0048	< 0.0048	< 0.097	< 0.0019	< 0.0019	--	--	--	--
SB-15	12/10/2014	180	< 0.4	--	--	--	< 0.002	< 0.002	< 0.002	< 0.004	< 0.005	< 0.005	< 0.005	< 0.005	< 0.1	< 0.002	< 0.002	--	--	--	--

TABLE 2a
Historical Soil Analytical Data
ARCO Service Station No. 465
151 Southgate Avenue
Daly City, CA

Sample I.D.	Date	Depth (ft bgs)	GRO (mg/kg)	DRO (mg/kg)	ORO (mg/kg)	Total TPH (mg/kg)	Benzene (mg/kg)	Toluene (mg/kg)	Ethylbenzene (mg/kg)	Xylene (Total) (mg/kg)	MTBE (SW8260B) (mg/kg)	DIPE (mg/kg)	ETBE (mg/kg)	TAME (mg/kg)	TBA (mg/kg)	1,2-DCA (mg/kg)	EDB (mg/kg)	Naphthalene (mg/kg)	Stoddard Solvent (mg/kg)	Oil and Grease (mg/kg)	Jet Fuel (mg/kg)
SB-16	01/13/2015	10	< 0.38	--	--	--	< 0.002	< 0.002	< 0.002	< 0.004	< 0.005	< 0.005	< 0.005	< 0.005	< 0.1	< 0.002	< 0.002	--	--	--	--
SB-16	01/13/2015	20	< 0.38	--	--	--	< 0.002	< 0.002	< 0.002	< 0.004	< 0.005	< 0.005	< 0.005	< 0.005	< 0.1	< 0.002	< 0.002	--	--	--	--
SB-16	01/13/2015	30	< 0.4	--	--	--	< 0.002	< 0.002	< 0.002	< 0.004	< 0.005	< 0.005	< 0.005	< 0.005	< 0.099	< 0.002	< 0.002	--	--	--	--
SB-16	01/13/2015	40	< 0.39	--	--	--	< 0.002	< 0.002	< 0.002	< 0.0041	< 0.0051	< 0.0051	< 0.0051	< 0.0051	< 0.1	< 0.002	< 0.002	--	--	--	--
SB-16	01/13/2015	50	< 0.39	--	--	--	< 0.002	< 0.002	< 0.002	< 0.004	< 0.005	< 0.005	< 0.005	< 0.005	< 0.099	< 0.002	< 0.002	--	--	--	--
SB-16	01/13/2015	60	< 0.4	--	--	--	< 0.002	< 0.002	< 0.002	< 0.004	< 0.005	< 0.005	< 0.005	< 0.005	< 0.099	< 0.002	< 0.002	--	--	--	--
SB-16	01/15/2015	71	< 1.4	--	--	--	< 0.0096	< 0.0096	< 0.0096	< 0.19	**13**	< 0.024	< 0.024	< 0.024	**2.4**	< 0.0096	< 0.0096	--	--	--	--
SB-16	01/15/2015	80	< 0.4	--	--	--	< 0.01	< 0.01	< 0.01	< 0.02	**2.3**	< 0.025	< 0.025	< 0.025	< 0.5	< 0.01	< 0.01	--	--	--	--
SB-16	01/15/2015	90	< 0.4	--	--	--	< 0.0099	< 0.0099	< 0.0099	< 0.02	**1.3**	< 0.025	< 0.025	< 0.025	< 0.5	< 0.0099	< 0.0099	--	--	--	--
SB-16	01/15/2015	99	< 0.39	--	--	--	< 0.002	< 0.002	< 0.002	< 0.004	**0.041**	< 0.005	< 0.005	< 0.005	< 0.099	< 0.002	< 0.002	--	--	--	--
SB-16	01/15/2015	110	< 0.39	--	--	--	< 0.002	< 0.002	< 0.002	< 0.004	**0.03**	< 0.005	< 0.005	< 0.005	< 0.1	< 0.002	< 0.002	--	--	--	--
SB-16	01/15/2015	120	< 0.39	--	--	--	< 0.002	< 0.002	< 0.002	< 0.004	< 0.005	< 0.005	< 0.005	< 0.005	< 0.1	< 0.002	< 0.002	--	--	--	--
SB-16	01/15/2015	130	< 0.4	--	--	--	< 0.002	< 0.002	< 0.002	< 0.004	< 0.005	< 0.005	< 0.005	< 0.005	< 0.1	< 0.002	< 0.002	--	--	--	--
SB-17	01/08/2015	5	< 0.2	--	--	--	< 0.002	< 0.002	< 0.002	< 0.0039	< 0.0049	< 0.0049	< 0.0049	< 0.0049	< 0.098	< 0.002	< 0.002	--	--	--	--
SB-17	01/13/2015	10	< 0.4	--	--	--	< 0.002	< 0.002	< 0.002	< 0.004	< 0.005	< 0.005	< 0.005	< 0.005	< 0.099	< 0.002	< 0.002	--	--	--	--
SB-17	01/13/2015	20	< 0.4	--	--	--	< 0.002	< 0.002	< 0.002	< 0.004	< 0.005	< 0.005	< 0.005	< 0.005	< 0.099	< 0.002	< 0.002	--	--	--	--
SB-17	01/13/2015	30	< 0.4	--	--	--	< 0.002	< 0.002	< 0.002	< 0.004	< 0.005	< 0.005	< 0.005	< 0.005	< 0.1	< 0.002	< 0.002	--	--	--	--
SB-17	01/13/2015	40	< 0.4	--	--	--	< 0.002	< 0.002	< 0.002	< 0.004	< 0.005	< 0.005	< 0.005	< 0.005	< 0.1	< 0.002	< 0.002	--	--	--	--
SB-17	01/13/2015	50	< 0.4	--	--	--	< 0.002	< 0.002	< 0.002	< 0.004	< 0.005	< 0.005	< 0.005	< 0.005	< 0.099	< 0.002	< 0.002	--	--	--	--
SB-17	01/13/2015	60	< 0.39	--	--	--	< 0.002	< 0.002	< 0.002	< 0.004	**0.15**	< 0.005	< 0.005	< 0.005	< 0.1	< 0.002	< 0.002	--	--	--	--
SB-17	01/14/2015	70	< 0.38	--	--	--	< 0.0019	< 0.0019	< 0.0019	< 0.0039	< 0.0048	< 0.0048	< 0.0048	< 0.0048	< 0.097	< 0.0019	< 0.0019	--	--	--	--
SB-17	01/14/2015	80	< 0.38	--	--	--	< 0.0019	< 0.0019	< 0.0019	< 0.0038	**0.19**	< 0.0048	< 0.0048	< 0.0048	< 0.096	< 0.0019	< 0.0019	--	--	--	--
SB-17	01/14/2015	90	< 0.39	--	--	--	< 0.002	< 0.002	< 0.002	< 0.004	**0.34**	< 0.005	< 0.005	< 0.005	< 0.099	< 0.002	< 0.002	--	--	--	--
SB-17	01/14/2015	100	< 0.38	--	--	--	< 0.002	< 0.002	< 0.002	< 0.004	**0.012**	< 0.005	< 0.005	< 0.005	< 0.099	< 0.002	< 0.002	--	--	--	--
SB-17	01/14/2015	110	< 0.4	--	--	--	< 0.002	< 0.002	< 0.002	< 0.004	**0.22**	< 0.005	< 0.005	< 0.005	< 0.1	< 0.002	< 0.002	--	--	--	--
SB-17	01/14/2015	120	< 0.4	--	--	--	< 0.002	< 0.002	< 0.002	< 0.004	**0.025**	< 0.005	< 0.005	< 0.005	< 0.1	< 0.002	< 0.002	--	--	--	--
SB-17	01/14/2015	130	< 0.4	--	--	--	< 0.0019	< 0.0019	< 0.0019	< 0.0038	**0.005**	< 0.0047	< 0.0047	< 0.0047	< 0.094	< 0.0019	< 0.0019	--	--	--	--
SB-18	10/21/2015	10	< 0.4	--	--	--	< 0.002	< 0.002	< 0.002	< 0.004	< 0.005	< 0.005	< 0.005	< 0.005	< 0.1	< 0.002	< 0.002	--	--	--	--
SB-18	10/21/2015	20	< 0.4	--	--	--	< 0.002	< 0.002	< 0.002	< 0.004	< 0.005	< 0.005	< 0.005	< 0.005	< 0.1	< 0.002	< 0.002	--	--	--	--
SB-18	10/21/2015	30	< 0.39	--	--	--	< 0.002	< 0.002	< 0.002	< 0.004	< 0.005	< 0.005	< 0.005	< 0.005	< 0.1	< 0.002	< 0.002	--	--	--	--
SB-18	10/21/2015	40	< 0.4	--	--	--	< 0.002	< 0.002	< 0.002	< 0.004	< 0.0049	< 0.0049	< 0.0049	< 0.0049	< 0.099	< 0.002	< 0.002	--	--	--	--
SB-18	10/22/2015	50	< 0.4	--	--	--	< 0.002	< 0.002	< 0.002	< 0.004	< 0.005	< 0.005	< 0.005	< 0.005	< 0.099	< 0.002	< 20	--	--	--	--
SB-18	10/22/2015	60	< 0.4	--	--	--	< 0.002	< 0.002	< 0.002	< 0.004	< 0.005	< 0.005	< 0.005	< 0.005	< 0.099	< 0.002	< 0.002	--	--	--	--
SB-18	10/22/2015	70	< 0.4	--	--	--	< 0.002	< 0.002	< 0.002	< 0.004	< 0.005	< 0.005	< 0.005	< 0.005	< 0.099	< 0.002	< 0.002	--	--	--	--
SB-18	10/22/2015	80	< 0.4	--	--	--	< 0.002	< 0.002	< 0.002	< 0.004	< 0.005	< 0.005	< 0.005	< 0.005	< 0.099	< 0.002	< 0.002	--	--	--	--
SB-18	10/22/2015	90	< 0.4	--	--	--	< 0.002	< 0.002	< 0.002	< 0.0039	< 0.0049	< 0.0049	< 0.0049	< 0.0049	< 0.099	< 0.002	< 0.002	--	--	--	--
SB-18	10/22/2015	100	< 0.4	--	--	--	< 0.002	< 0.002	< 0.002	< 0.004	**0.036**	< 0.0049	< 0.0049	< 0.0049	< 0.099	< 0.002	< 0.002	--	--	--	--
SB-18	10/22/2015	110	< 0.4	--	--	--	< 0.002	< 0.002	< 0.002	< 0.004	**0.11**	< 0.005	< 0.005	< 0.005	< 0.1	< 0.002	< 0.002	--	--	--	--
SB-18	10/22/2015	120	< 0.4	--	--	--	< 0.002	< 0.002	< 0.002	< 0.004	**0.006**	< 0.005	< 0.005	< 0.005	< 0.1	< 0.002	< 0.002	--	--	--	--
SB-18	10/22/2015	130	< 0.4	--	--	--	< 0.002	< 0.002	< 0.002	< 0.004	< 0.005	< 0.005	< 0.005	< 0.005	< 0.1	< 0.002	< 0.002	--	--	--	--
SB-19	11/03/2015	40	< 0.4	--	--	--	< 0.002	< 0.002	< 0.002	< 0.004	< 0.005	< 0.005	< 0.005	< 0.005	< 0.1	< 0.002	< 0.002	--	--	--	--
SB-19	11/03/2015	50	< 0.4	--	--	--	< 0.002	< 0.002	< 0.002	< 0.004	< 0.005	< 0.005	< 0.005	< 0.005	< 0.1	< 0.002	< 0.002	--	--	--	--
SB-19	11/03/2015	54	< 0.4	--	--	--	< 0.002	< 0.002	< 0.002	< 0.004	< 0.0049	<0.0049	< 0.0049	< 0.0049	< 0.099	< 0.002	< 0.002	--	--	--	--
SB-19	11/03/2015	60	< 0.4	--	--	--	< 0.002	< 0.002	< 0.002	< 0.004	< 0.005	< 0.005	< 0.005	< 0.005	< 0.1	< 0.002	< 0.002	--	--	--	--
SB-19	11/03/2015	70	< 0.39	--	--	--	< 0.002	< 0.002	< 0.002	< 0.004	< 0.005	< 0.005	< 0.005	< 0.005	< 0.099	< 0.002	< 0.002	--	--	--	--
SB-19	11/03/2015	80	< 0.38	--	--	--	< 0.002	< 0.002	< 0.002	< 0.0039	< 0.0049	< 0.0049	< 0.0049	< 0.0049	< 0.098	< 0.002	< 0.002	--	--	--	--
SB-19	11/04/2015	90	< 0.4	--	--	--	< 0.002	< 0.002	< 0.002	< 0.004	< 0.0049	< 0.0049	< 0.0049	< 0.0049	< 0.099	< 0.002	< 0.002	--	--	--	--
SB-19	11/04/2015	100	< 0.39	--	--	--	< 0.002	< 0.002	< 0.002	< 0.004	< 0.005	< 0.005	< 0.005	< 0.005	< 0.1	< 0.002	< 0.002	--	--	--	--
SB-19	11/04/2015	110	< 0.39	--	--	--	< 0.002	< 0.002	< 0.002	< 0.004	< 0.005	< 0.005	< 0.005	< 0.005	< 0.1	< 0.002	< 0.002	--	--	--	--
SB-19	11/04/2015	120	< 0.4	--	--	--	< 0.002	< 0.002	< 0.002	< 0.004	< 0.0049	< 0.0049	< 0.0049	< 0.0049	< 0.099	< 0.002	< 0.002	--	--	--	--
SB-19	11/04/2015	130	< 0.39	--	--	--	< 0.002	< 0.002	< 0.002	< 0.0039	< 0.0049	< 0.0049	< 0.0049	< 0.0049	< 0.098	< 0.002	< 0.002	--	--	--	--
SB-20D	05/13/2016	51	< 0.4	--	--	--	< 0.002	< 0.002	< 0.002	< 0.004	< 0.005	< 0.005	< 0.005	< 0.005	< 0.1	< 0.002	< 0.002	--	--	--	--
SB-20D	05/13/2016	59	< 0.4	--	--	--	< 0.002	< 0.002	< 0.002	< 0.004	< 0.005	< 0.005	< 0.005	< 0.005	< 0.1	< 0.002	< 0.002	--	--	--	--
SB-20D	05/13/2016	63	< 0.39	--	--	--	< 0.002	< 0.002	< 0.002	< 0.004	< 0.005	< 0.005	< 0.005	< 0.005	< 0.1	< 0.002	< 0.002	--	--	--	--
SB-20D	05/13/2016	66	< 0.4	--	--	--	< 0.002	< 0.002	< 0.002	< 0.004	< 0.005	< 0.005	< 0.005	< 0.005	< 0.099	< 0.002	< 0.002	--	--	--	--
SB-20D	05/13/2016	67	< 0.39	--	--	--	< 0.002	< 0.002	< 0.002	< 0.004	< 0.005	< 0.005	< 0.005	< 0.005	< 0.099	< 0.002	< 0.002	--	--	--	--
SB-20D	05/13/2016	69.5	< 0.39	--	--	--	< 0.002	< 0.002	< 0.002	< 0.004	**0.036**	< 0.005	< 0.005	< 0.005	< 0.1	< 0.002	< 0.002	--	--	--	--
SB-20D	05/13/2016	72	< 0.39	--	--	--	< 0.002	< 0.002	< 0.002	< 0.004	**0.021**	< 0.005	< 0.005	< 0.005	< 0.1	< 0.002	< 0.002	--	--	--	--

TABLE 2a
Historical Soil Analytical Data
ARCO Service Station No. 465
151 Southgate Avenue
Daly City, CA

Sample I.D.	Date	Depth (ft bgs)	GRO (mg/kg)	DRO (mg/kg)	ORO (mg/kg)	Total TPH (mg/kg)	Benzene (mg/kg)	Toluene (mg/kg)	Ethylbenzene (mg/kg)	Xylene (Total) (mg/kg)	MTBE (SW8260B) (mg/kg)	DIPE (mg/kg)	ETBE (mg/kg)	TAME (mg/kg)	TBA (mg/kg)	1,2-DCA (mg/kg)	EDB (mg/kg)	Naphthalene (mg/kg)	Stoddard Solvent (mg/kg)	Oil and Grease (mg/kg)	Jet Fuel (mg/kg)
SB-20D	05/13/2016	81	< 0.4	--	--	--	< 0.002	< 0.002	< 0.002	< 0.004	**0.028**	< 0.005	< 0.005	< 0.005	< 0.1	< 0.002	< 0.002	--	--	--	--
SB-20D	05/13/2016	91	< 0.4	--	--	--	< 0.002	< 0.002	< 0.002	< 0.004	**0.016**	< 0.005	< 0.005	< 0.005	< 0.1	< 0.002	< 0.002	--	--	--	--
SB-20D	05/13/2016	101	< 0.4	--	--	--	< 0.002	< 0.002	< 0.002	< 0.004	< 0.005	< 0.005	< 0.005	< 0.005	< 0.099	< 0.002	< 0.002	--	--	--	--
SB-20D	05/13/2016	111	< 0.39	--	--	--	< 0.002	< 0.002	< 0.002	< 0.004	**0.012**	< 0.005	< 0.005	< 0.005	< 0.099	< 0.002	< 0.002	--	--	--	--
SB-20D	05/13/2016	121	< 0.4	--	--	--	< 0.002	< 0.002	< 0.002	< 0.004	**0.035**	< 0.005	< 0.005	< 0.005	< 0.1	< 0.002	< 0.002	--	--	--	--
SB-20D	05/13/2016	126	< 0.39	--	--	--	< 0.002	< 0.002	< 0.002	< 0.004	**0.013**	< 0.005	< 0.005	< 0.005	< 0.1	< 0.002	< 0.002	--	--	--	--
SB-20D	05/13/2016	131	< 0.4	--	--	--	< 0.002	< 0.002	< 0.002	< 0.004	**0.0075**	< 0.005	< 0.005	< 0.005	< 0.1	< 0.002	< 0.002	--	--	--	--
SB-21	10/08/2015	3	**4,800**	**130**	**920**	--	< 0.1	< 0.1	< 0.1	< 0.2	< 0.25	< 0.25	< 0.25	< 0.25	< 5	< 0.1	< 0.1	< 0.25	--	--	--
SB-21	10/08/2015	5	**88**	**35**	**260**	--	< 0.01	< 0.01	< 0.01	< 0.02	< 0.025	< 0.025	< 0.025	< 0.025	< 0.5	< 0.01	< 0.01	< 0.025	--	--	--
SB-21	10/29/2015	10	< 0.4	--	**110**	--	< 0.002	< 0.002	< 0.002	< 0.004	< 0.005	< 0.005	< 0.005	< 0.005	< 0.099	< 0.002	< 0.002	< 0.005	--	--	--
SB-21	10/29/2015	15	**0.57**	--	**76**	--	< 0.002	< 0.002	< 0.002	< 0.004	< 0.005	< 0.005	< 0.005	< 0.005	< 0.1	< 0.002	< 0.002	< 0.005	--	--	--
SB-21	10/29/2015	25	**190**	--	**120**	--	< 0.1	< 0.1	**0.14**	**2.5**	< 0.25	< 0.25	< 0.25	< 0.25	< 5	< 0.1	< 0.1	**0.77**	--	--	--
SB-21	10/29/2015	35	< 0.4	--	**9.3**	--	< 0.002	< 0.002	< 0.002	< 0.0039	< 0.0049	< 0.0049	< 0.0049	< 0.0049	**1.8**	< 0.002	< 0.002	**0.04**	--	--	--
SB-21	10/29/2015	40	< 0.4	--	**10**	--	< 0.002	< 0.002	< 0.002	< 0.0039	< 0.0049	< 0.0049	< 0.0049	< 0.0049	**1.4**	< 0.002	< 0.002	< 0.0049	--	--	--
SB-22	10/08/2015	3	**930**	**220**	**1,100**	--	< 0.1	< 0.1	< 0.1	< 0.2	< 0.25	< 0.25	< 0.25	< 0.25	< 5	< 0.1	< 0.1	< 0.25	--	--	--
SB-22	10/08/2015	5	**57**	**57**	**420**	--	< 0.0079	< 0.0079	< 0.0079	< 0.016	< 0.02	< 0.02	< 0.02	< 0.02	< 0.39	< 0.0079	< 0.0079	< 0.02	--	--	--
SB-22	10/29/2015	10	**8.3**	--	**290**	--	< 0.0057	< 0.0057	< 0.0057	< 0.011	< 0.014	< 0.014	< 0.014	< 0.014	< 0.28	< 0.0057	< 0.0057	< 0.014	--	--	--
SB-22	10/29/2015	15	**5.8**	--	**300**	--	< 0.002	< 0.002	< 0.002	< 0.0039	< 0.0049	< 0.0049	< 0.0049	< 0.0049	< 0.098	< 0.002	< 0.002	< 0.0049	--	--	--
SB-22	10/29/2015	25	**680**	--	**180**	--	< 0.5	< 0.5	< 0.5	**5.1**	< 1.2	< 1.2	< 1.2	< 1.2	< 25	< 0.5	< 0.5	**9.1**	--	--	--
SB-22	10/29/2015	35	< 0.4	--	**19**	--	< 0.002	< 0.002	< 0.002	< 0.004	< 0.005	< 0.005	< 0.005	< 0.005	**1.7**	< 0.002	< 0.002	**0.047**	--	--	--
SB-23	03/28/2018	3	< 0.34	< 4.9	**14**	--	< 0.0018	< 0.0018	< 0.0018	< 0.0037	< 0.0046	< 0.0046	< 0.0046	< 0.0046	< 0.092	< 0.0018	< 0.0018	< 0.03	< 4.9	--	--
SB-23	03/28/2018	9	< 0.31	< 5.0	< 5.0	--	< 0.0016	< 0.0016	< 0.0016	< 0.0033	< 0.0041	< 0.0041	< 0.0041	< 0.0041	< 0.082	< 0.0016	< 0.0016	< 0.03	< 5.0	--	--
SB-23	03/28/2018	12	< 0.34	< 4.9	< 4.9	--	< 0.0017	< 0.0017	< 0.0017	< 0.0034	< 0.0043	< 0.0043	< 0.0043	< 0.0043	< 0.086	< 0.0017	< 0.0017	< 0.03	< 4.9	--	--
SB-24	03/28/2018	5	< 0.35	< 4.9	**16**	--	< 0.0018	< 0.0018	< 0.0018	< 0.0036	< 0.0046	< 0.0046	< 0.0046	< 0.0046	< 0.091	< 0.0018	< 0.0018	< 0.03	< 4.9	--	--
SB-24	03/28/2018	10	< 0.37	< 4.9	< 4.9	--	< 0.0019	< 0.0019	< 0.0019	< 0.0038	< 0.0047	< 0.0047	< 0.0047	< 0.0047	< 0.094	< 0.0019	< 0.0019	< 0.03	< 4.9	--	--
SB-24	03/28/2018	14	< 0.34	< 4.9	< 4.9	--	< 0.0019	< 0.0019	< 0.0019	< 0.0037	< 0.0046	< 0.0046	< 0.0046	< 0.0046	< 0.093	< 0.0019	< 0.0019	< 0.03	< 4.9	--	--
SB-25	03/28/2018	4	< 0.39	< 4.9	**45**	--	< 0.0019	< 0.0019	< 0.0019	< 0.0039	< 0.0048	< 0.0048	< 0.0048	< 0.0048	< 0.096	< 0.0019	< 0.0019	< 0.03	< 4.9	--	--
SB-25	03/28/2018	10	< 0.4	< 4.9	**12**	--	< 0.0021	< 0.0021	< 0.0021	< 0.0041	< 0.0052	< 0.0052	< 0.0052	< 0.0052	< 0.10	< 0.0021	< 0.0021	< 0.03	< 4.9	--	--
SB-25	03/28/2018	14	< 0.37	< 4.9	< 4.9	--	< 0.0018	< 0.0018	< 0.0018	< 0.0037	< 0.0046	< 0.0046	< 0.0046	< 0.0046	< 0.092	< 0.0018	< 0.0018	< 0.03	< 4.9	--	--
SB-26	03/28/2018	5	< 0.38	< 4.9	< 4.9	--	< 0.0019	< 0.0019	< 0.0019	< 0.0039	< 0.0048	< 0.0048	< 0.0048	< 0.0048	< 0.097	< 0.0019	< 0.0019	< 0.03	< 4.9	--	--
SB-26	03/28/2018	10	< 0.34	< 4.9	< 4.9	--	< 0.0020	< 0.0020	< 0.0020	< 0.0039	< 0.0049	< 0.0049	< 0.0049	< 0.0049	< 0.098	< 0.0020	< 0.0020	< 0.03	< 4.9	--	--
SB-26	03/28/2018	14	< 0.36	< 4.9	**14**	--	< 0.0018	< 0.0018	< 0.0018	< 0.0036	< 0.0045	< 0.0045	< 0.0045	< 0.0045	< 0.089	< 0.0018	< 0.0018	< 0.03	< 4.9	--	--
SB-27	03/28/2018	4	< 0.36	< 5.0	**15**	--	< 0.0019	< 0.0019	< 0.0019	< 0.0039	< 0.0049	< 0.0049	< 0.0049	< 0.0049	< 0.097	< 0.0019	< 0.0019	< 0.03	< 5.0	--	--
SB-27	03/28/2018	10	< 0.38	< 4.9	**22**	--	< 0.0018	< 0.0018	< 0.0018	< 0.0036	< 0.0045	< 0.0045	< 0.0045	< 0.0045	< 0.090	< 0.0018	< 0.0018	< 0.03	< 4.9	--	--
SB-27	03/28/2018	14	< 0.37	< 5.0	**49**	--	< 0.0019	< 0.0019	< 0.0019	< 0.0038	< 0.0047	< 0.0047	< 0.0047	< 0.0047	< 0.094	< 0.0019	< 0.0019	< 0.029	< 5.0	--	--
SB-28	03/28/2018	5	< 0.36	**24**	**190**	--	< 0.0021	< 0.0021	< 0.0021	< 0.0042	< 0.0053	< 0.0053	< 0.0053	< 0.0053	< 0.11	< 0.0021	< 0.0021	< 0.029	< 5.0	--	--
SB-28	03/28/2018	10	< 0.37	**6.4**	**71**	--	< 0.0019	< 0.0019	< 0.0019	< 0.0038	< 0.0047	< 0.0047	< 0.0047	< 0.0047	< 0.094	< 0.0019	< 0.0019	< 0.029	< 4.9	--	--
SB-28	03/28/2018	14	**0.38**	**11**	**110**	--	< 0.0021	< 0.0021	< 0.0021	< 0.0041	< 0.0052	< 0.0052	< 0.0052	< 0.0052	< 0.10	< 0.0021	< 0.0021	< 0.03	< 4.9	--	--
SB-29	03/28/2018	5	< 0.39	< 4.9	**13**	--	< 0.0018	< 0.0018	< 0.0018	< 0.0036	< 0.0046	< 0.0046	< 0.0046	< 0.0046	< 0.091	< 0.0018	< 0.0018	< 0.029	< 4.9	--	--
SB-29	03/28/2018	10	< 0.38	< 5.0	**10**	--	< 0.0019	< 0.0019	< 0.0019	< 0.0038	< 0.0048	< 0.0048	< 0.0048	< 0.0048	< 0.095	< 0.0019	< 0.0019	< 0.03	< 5.0	--	--
SB-29	03/28/2018	14	< 0.37	**5.1**	**36**	--	< 0.0021	< 0.0021	< 0.0021	< 0.0043	< 0.0053	< 0.0053	< 0.0053	< 0.0053	< 0.11	< 0.0021	< 0.0021	< 0.029	< 4.9	--	--
SB-30	05/09/2018	66	< 0.28	< 5.0	< 5.0	--	< 0.0016	< 0.0016	< 0.0016	< 0.0031	< 0.0039	< 0.0039	< 0.0039	< 0.0039	< 0.078	< 0.0016	< 0.0016	< 0.03	--	--	--
SB-30	05/09/2018	76	< 0.29	< 5.0	< 5.0	--	< 0.0014	< 0.0014	< 0.0014	< 0.0029	< 0.0036	< 0.0036	< 0.0036	< 0.0036	< 0.072	< 0.0014	< 0.0014	< 0.028	--	--	--
SB-30	05/09/2018	81	< 0.29	< 5.0	< 5.0	--	< 0.0016	< 0.0016	< 0.0016	< 0.0032	**0.14**	< 0.0040	< 0.0040	< 0.0040	**0.47**	< 0.0016	< 0.0016	< 0.03	--	--	--
SB-30	05/09/2018	86	< 0.32	< 5.0	< 5.0	--	< 0.0014	< 0.0014	< 0.0014	< 0.0029	**0.45 EY**	< 0.0036	< 0.0036	< 0.0036	**1.2**	< 0.0014	< 0.0014	< 0.03	--	--	--
SB-30	05/09/2018	91	< 0.31	< 5.0	< 5.0	--	< 0.0016	< 0.0016	< 0.0016	< 0.0032	**0.008**	< 0.0040	< 0.0040	< 0.0040	**0.18**	< 0.0016	< 0.0016	< 0.03	--	--	--
SB-30	05/09/2018	96	< 0.31	< 5.0	< 5.0	--	< 0.0017	< 0.0017	< 0.0017	< 0.0034	< 0.0043	< 0.0043	< 0.0043	< 0.0043	< 0.085	< 0.0017	< 0.0017	< 0.03	--	--	--
SB-30	05/09/2018	101	< 0.31	< 5.0	< 5.0	--	< 0.0016	< 0.0016	< 0.0016	< 0.0032	< 0.0040	< 0.0040	< 0.0040	< 0.0040	< 0.081	< 0.0016	< 0.0016	< 0.03	--	--	--
SB-30	05/09/2018	105	< 0.32	< 5.0	< 5.0	--	< 0.0018	< 0.0018	< 0.0018	< 0.0035	< 0.0044	< 0.0044	< 0.0044	< 0.0044	< 0.088	< 0.0018	< 0.0018	< 0.03	--	--	--
SB-30	05/09/2018	110	< 0.31	< 5.0	< 5.0	--	< 0.0018	< 0.0018	< 0.0018	< 0.0035	< 0.0044	< 0.0044	< 0.0044	< 0.0044	< 0.088	< 0.0018	< 0.0018	< 0.03	--	--	--
SB-31	11/02/2018	5	< 0.36	< 5.0	**10**	--	< 0.0021GR	< 0.0021GR	< 0.0021GR	< 0.0042GR	< 0.0052GR	< 0.0052GR	< 0.0052GR	< 0.0052GR	**0.11 GR**	< 0.0021GR	< 0.0021GR	< 0.33	< 5.0	--	--

TABLE 2a
Historical Soil Analytical Data
ARCO Service Station No. 465
151 Southgate Avenue
Daly City, CA

Sample I.D.	Date	Depth (ft bgs)	GRO (mg/kg)	DRO (mg/kg)	ORO (mg/kg)	Total TPH (mg/kg)	Benzene (mg/kg)	Toluene (mg/kg)	Ethylbenzene (mg/kg)	Xylene (Total) (mg/kg)	MTBE (SW8260B) (mg/kg)	DIPE (mg/kg)	ETBE (mg/kg)	TAME (mg/kg)	TBA (mg/kg)	1,2-DCA (mg/kg)	EDB (mg/kg)	Naphthalene (mg/kg)	Stoddard Solvent (mg/kg)	Oil and Grease (mg/kg)	Jet Fuel (mg/kg)
SB-31	11/02/2018	10	**3,100**	**140**	**610**	--	< 0.092	< 0.092	< 0.092	< 0.18	< 0.23	< 0.23	< 0.23	< 0.23	< 4.6	< 0.092	< 0.092	< 1.6	**1,200**	--	--
SB-31	11/02/2018	15	< 0.39	**13**	**80**	--	< 0.0018	< 0.0018	< 0.0018	< 0.0036	< 0.0045	< 0.0045	< 0.0045	< 0.0045	< 0.091	< 0.0018	< 0.0018	< 0.33	< 5.0	--	--
SB-31	11/02/2018	18	**97**	**190**	**910**	--	< 0.0019	< 0.0019	< 0.0019	< 0.0038	< 0.0047	< 0.0047	< 0.0047	< 0.0047	< 0.094	< 0.0019	< 0.0019	< 0.33	**1,500**	--	--
SB-31	11/02/2018	20	**1,700**	**52**	**260**	--	< 0.077	< 0.077	**0.083**	**1.3**	< 0.19	< 0.19	< 0.19	< 0.19	< 3.9	< 0.077	< 0.077	< 0.33	**130**	--	--
SB-31	11/02/2018	25	**560**	**160**	**420**	--	< 0.23	< 0.23	< 0.23	**2**	< 0.57	< 0.57	< 0.57	< 0.57	< 11	< 0.23	< 0.23	**3.6**	**640**	--	--
SB-31	11/02/2018	30	< 0.37	**50**	**74**	--	< 0.0019	< 0.0019	< 0.0019	< 0.0038	< 0.0048	< 0.0048	< 0.0048	< 0.0048	**0.24**	< 0.0019	< 0.0019	< 0.33	**220**	--	--
SB-31	11/02/2018	35	< 0.35	< 5.0	**7.1**	--	< 0.0018	< 0.0018	< 0.0018	< 0.0036	< 0.0046	< 0.0046	< 0.0046	< 0.0046	**0.14**	< 0.0018	< 0.0018	< 0.33	< 5.0	--	--
SB-31	11/02/2018	40	< 0.33	**5.5**	**7**	--	< 0.0017	< 0.0017	< 0.0017	< 0.0035	< 0.0043	< 0.0043	< 0.0043	< 0.0043	< 0.087	< 0.0017	< 0.0017	< 0.33	< 5.0	--	--
SB-32	11/02/2018	3	**3.3**	**56**	**570**	--	< 0.0020	< 0.0020	< 0.0020	< 0.0040	< 0.0051	< 0.0051	< 0.0051	< 0.0051	< 0.10	< 0.0020	< 0.0020	< 0.33	**25**	--	--
SB-32	11/02/2018	5	**0.7**	**17**	**130**	--	< 0.0021	< 0.0021	< 0.0021	< 0.0041	< 0.0051	< 0.0051	< 0.0051	< 0.0051	< 0.10	< 0.0021	< 0.0021	< 0.33	**5.9**	--	--
SB-32	11/02/2018	10	**210**	**40**	**240**	--	< 0.0018	< 0.0018	< 0.0018	< 0.0036	< 0.0045	< 0.0045	< 0.0045	< 0.0045	< 0.089	< 0.0018	< 0.0018	< 0.33	**65**	--	--
SB-32	11/02/2018	15	< 0.36	**25**	**190**	--	< 0.0034	< 0.0034	< 0.0034	< 0.0068	< 0.0086	< 0.0086	< 0.0086	< 0.0086	< 0.17	< 0.0034	< 0.0034	< 0.33	< 5.0	--	--
SB-32	11/02/2018	20	< 0.56	**26**	**130**	--	< 0.0019	< 0.0019	< 0.0019	< 0.0039	< 0.0048	< 0.0048	< 0.0048	< 0.0048	< 0.097	< 0.0019	< 0.0019	< 0.33	< 5.0	--	--
SB-32	11/02/2018	25	< 660	**130**	**280**	--	< 0.17	< 0.17	**0.2**	**4.8**	< 0.41	< 0.41	< 0.41	< 0.41	< 8.3	< 0.17	< 0.17	**4**	**670**	--	--
SB-32	11/02/2018	30	**890**	**180**	**410**	--	< 0.40	< 0.40	< 0.40	**2.8**	< 1.0	< 1.0	< 1.0	< 1.0	< 20	< 0.40	< 0.40	**6.1**	**730**	--	--
SB-32	11/02/2018	35	< 0.38	**22**	**11**	--	< 0.0019	< 0.0019	< 0.0019	< 0.0039	< 0.0049	< 0.0049	< 0.0049	< 0.0049	**1.3**	< 0.0019	< 0.0019	< 0.33	**17**	--	--
SB-32	11/02/2018	40	< 0.37	**19**	**11**	--	< 0.0019	< 0.0019	< 0.0019	< 0.0038	< 0.0048	< 0.0048	< 0.0048	< 0.0048	**1.9**	< 0.0019	< 0.0019	< 0.33	**12**	--	--
HA-1	12/10/2014	3	< 0.39	--	--	--	< 0.002	< 0.002	< 0.002	< 0.004	< 0.005	< 0.005	< 0.005	< 0.005	< 0.099	< 0.002	< 0.002	< 0.005	--	--	--
HA-1	12/10/2014	5	< 0.38	--	--	--	< 0.002	< 0.002	< 0.002	< 0.004	< 0.005	< 0.005	< 0.005	< 0.005	< 0.1	< 0.002	< 0.002	< 0.005	--	--	--
HA-2	12/10/2014	3	< 0.39	--	--	--	< 0.002	< 0.002	< 0.002	< 0.004	< 0.005	< 0.005	< 0.005	< 0.005	< 0.1	< 0.002	< 0.002	< 0.005	--	--	--
HA-2	12/10/2014	5	< 0.37	--	--	--	< 0.002	< 0.002	< 0.002	< 0.004	< 0.005	< 0.005	< 0.005	< 0.005	< 0.099	< 0.002	< 0.002	< 0.005	--	--	--
HA-3	12/09/2014	3	< 0.39	--	--	--	< 0.002	< 0.002	< 0.002	< 0.004	**0.0099**	< 0.005	< 0.005	< 0.005	< 0.1	< 0.002	< 0.002	< 0.005	--	--	--
HA-3	12/09/2014	5	< 0.38	--	--	--	< 0.002	< 0.002	< 0.002	< 0.004	< 0.005	< 0.005	< 0.005	< 0.005	< 0.1	< 0.002	< 0.002	< 0.005	--	--	--
HA-4	02/18/2020	5	< 0.45	--	--	--	< 0.0019	< 0.0019	< 0.0019	< 0.0038	< 0.0047	< 0.0047	< 0.0047	< 0.0047	< 0.095	< 0.0019	< 0.0019	< 0.0047	--	--	--
HA-4	02/18/2020	10	< 0.37	--	--	--	< 0.0015	< 0.0015	< 0.0015	< 0.0030	< 0.0038	< 0.0038	< 0.0038	< 0.0038	< 0.076	< 0.0015	< 0.0015	< 0.0038	--	--	--
HA-5	02/18/2020	5	< 0.28	--	--	--	< 0.0018	< 0.0018	< 0.0018	< 0.0037	< 0.0046	< 0.0046LC	< 0.0046LC	< 0.0046	< 0.092	< 0.0018LC	< 0.0018	< 0.0046	--	--	--
HA-5	02/18/2020	9.5	< 0.38	--	--	--	< 0.0020	< 0.0020	< 0.0020	< 0.0039	< 0.0049	< 0.0049	< 0.0049	< 0.0049	< 0.098	< 0.0020	< 0.0020	< 0.0049	--	--	--
MW-1	03/16/1992	5.5	< 1	--	--	--	< 0.005	< 0.005	< 0.005	< 0.005	--	--	--	--	--	--	--	--	--	--	--
MW-1	03/16/1992	10	< 1	--	--	--	< 0.005	< 0.005	< 0.005	**0.016**	--	--	--	--	--	--	--	--	--	--	--
MW-1	03/16/1992	25	**480**	--	--	--	**0.84**	**21**	**14**	**73**	--	--	--	--	--	--	--	--	--	--	--
MW-1	03/16/1992	35	< 1	--	--	--	< 0.005	< 0.005	< 0.005	< 0.005	--	--	--	--	--	--	--	--	--	--	--
MW-1	03/16/1992	50	< 1	--	--	--	**0.012**	**0.015**	**0.011**	**0.057**	--	--	--	--	--	--	--	--	--	--	--
MW-1	03/16/1992	55	< 1	--	--	--	< 0.005	< 0.005	< 0.005	< 0.005	--	--	--	--	--	--	--	--	--	--	--
MW-1R	12/09/2014	5	< 0.39	--	--	--	< 0.002	< 0.002	< 0.002	< 0.004	< 0.005	< 0.005	< 0.005	< 0.005	< 0.099	< 0.002	< 0.002	--	--	--	--
MW-1R	12/19/2014	10	< 0.39	--	--	--	< 0.002	< 0.002	< 0.002	< 0.004	< 0.005	< 0.005	< 0.005	< 0.005	< 0.1	< 0.002	< 0.002	--	--	--	--
MW-1R	12/19/2014	20	< 0.38	--	--	--	< 0.002	< 0.002	< 0.002	< 0.004	< 0.005	< 0.005	< 0.005	< 0.005	< 0.099	< 0.002	< 0.002	--	--	--	--
MW-1R	12/19/2014	30	< 0.4	--	--	--	< 0.002	< 0.002	< 0.002	< 0.004	< 0.005	< 0.005	< 0.005	< 0.005	< 0.1	< 0.002	< 0.002	--	--	--	--
MW-1R	12/19/2014	40	< 0.38	--	--	--	< 0.002	< 0.002	< 0.002	< 0.004	< 0.005	< 0.005	< 0.005	< 0.005	< 0.099	< 0.002	< 0.002	--	--	--	--
MW-1R	12/19/2014	50	< 0.39	--	--	--	< 0.002	< 0.002	< 0.002	< 0.004	< 0.005	< 0.005	< 0.005	< 0.005	< 0.1	< 0.002	< 0.002	--	--	--	--
MW-1R	12/19/2014	60	< 0.4	--	--	--	**0.011**	< 0.002	< 0.002	< 0.004	< 0.005	< 0.005	< 0.005	< 0.005	< 0.1	< 0.002	< 0.002	--	--	--	--
MW-2	03/20/1992	5.5	< 1	--	--	--	< 0.005	< 0.005	< 0.005	< 0.005	--	--	--	--	--	--	--	--	--	--	--
MW-2	03/20/1992	15.5	< 1	--	--	--	< 0.005	< 0.005	< 0.005	< 0.005	--	--	--	--	--	--	--	--	--	--	--
MW-2	03/20/1992	25.5	< 1	--	--	--	**0.015**	< 0.005	< 0.005	< 0.005	--	--	--	--	--	--	--	--	--	--	--
MW-2	03/20/1992	40.5	< 1	--	--	--	**0.075**	< 0.005	**0.013**	**0.032**	--	--	--	--	--	--	--	--	--	--	--
MW-2	03/20/1992	50.5	< 1	--	--	--	**0.014**	< 0.005	< 0.005	**0.01**	--	--	--	--	--	--	--	--	--	--	--
MW-2	03/20/1992	63	< 1	--	--	--	< 0.005	< 0.005	< 0.005	< 0.005	--	--	--	--	--	--	--	--	--	--	--
MW-2	03/20/1992	66	< 1	--	--	--	< 0.005	< 0.005	< 0.005	< 0.005	--	--	--	--	--	--	--	--	--	--	--
MW-4	05/20/1993	10	< 1	--	--	--	< 0.005	< 0.005	< 0.005	< 0.005	--	--	--	--	--	--	--	--	--	--	--
MW-4	05/20/1993	16	< 1	--	--	--	< 0.005	< 0.005	< 0.005	< 0.005	--	--	--	--	--	--	--	--	--	--	--
MW-4	05/20/1993	25	**160**	--	--	--	< 0.005	< 0.005	**1**	**5.8**	--	--	--	--	--	--	--	--	--	--	--
MW-4	05/20/1993	32	< 1	--	--	--	< 0.005	< 0.005	< 0.005	< 0.005	--	--	--	--	--	--	--	--	--	--	--
MW-4	05/20/1993	44	< 1	--	--	--	< 0.005	< 0.005	< 0.005	< 0.005	--	--	--	--	--	--	--	--	--	--	--

TABLE 2a
Historical Soil Analytical Data
ARCO Service Station No. 465
151 Southgate Avenue
Daly City, CA

Sample I.D.	Date	Depth (ft bgs)	GRO (mg/kg)	DRO (mg/kg)	ORO (mg/kg)	Total TPH (mg/kg)	Benzene (mg/kg)	Toluene (mg/kg)	Ethylbenzene (mg/kg)	Xylene (Total) (mg/kg)	MTBE (SW8260B) (mg/kg)	DIPE (mg/kg)	ETBE (mg/kg)	TAME (mg/kg)	TBA (mg/kg)	1,2-DCA (mg/kg)	EDB (mg/kg)	Naphthalene (mg/kg)	Stoddard Solvent (mg/kg)	Oil and Grease (mg/kg)	Jet Fuel (mg/kg)
MW-4	05/20/1993	56	< 1	--	--	--	< 0.005	< 0.005	< 0.005	< 0.005	--	--	--	--	--	--	--	--	--	--	--
MW-4	05/20/1993	59.5	< 1	--	--	--	< 0.005	< 0.005	< 0.005	< 0.005	--	--	--	--	--	--	--	--	--	--	--
MW-4	05/20/1993	62.5	< 1	--	--	--	< 0.005	< 0.005	< 0.005	< 0.005	--	--	--	--	--	--	--	--	--	--	--
MW-4	05/20/1993	67.5	< 1	--	--	--	< 0.005	< 0.005	< 0.005	< 0.005	--	--	--	--	--	--	--	--	--	--	--
MW-4D	12/09/2014	5	< 0.38	--	--	--	< 0.002	< 0.002	< 0.002	< 0.004	< 0.005	< 0.005	< 0.005	< 0.005	< 0.1	< 0.002	< 0.002	--	--	--	--
MW-4D	01/26/2015	5	< 0.39	--	--	--	< 0.002	< 0.002	< 0.002	< 0.004	< 0.0049	< 0.0049	< 0.0049	< 0.0049	< 0.099	< 0.002	< 0.002	--	--	--	--
MW-4D	02/03/2015	26	< 0.4	--	--	--	< 0.002	< 0.002	< 0.002	< 0.004	< 0.005	< 0.005	< 0.005	< 0.005	< 0.1	< 0.002	< 0.002	--	--	--	--
MW-4D	02/04/2015	41	< 0.4	--	--	--	< 0.002	< 0.002	< 0.002	< 0.004	< 0.005	< 0.005	< 0.005	< 0.005	< 0.099	< 0.002	< 0.002	--	--	--	--
MW-4D	02/04/2015	51	< 0.39	--	--	--	< 0.002	< 0.002	< 0.002	< 0.004	< 0.005	< 0.005	< 0.005	< 0.005	< 0.1	< 0.002	< 0.002	--	--	--	--
MW-4D	02/04/2015	61	< 0.4	--	--	--	< 0.002	< 0.002	< 0.002	< 0.004	< 0.005	< 0.005	< 0.005	< 0.005	< 0.099	< 0.002	< 0.002	--	--	--	--
MW-4D	02/05/2015	71	< 0.38	--	--	--	< 0.002	< 0.002	< 0.002	< 0.0039	< 0.0049	< 0.0049	< 0.0049	< 0.0049	< 0.098	< 0.002	< 0.002	--	--	--	--
MW-4D	02/05/2015	81	< 0.39	--	--	--	< 0.002	< 0.002	< 0.002	< 0.004	< 0.005	< 0.005	< 0.005	< 0.005	< 0.099	< 0.002	< 0.002	--	--	--	--
MW-4D	02/05/2015	100	< 0.39	--	--	--	< 0.002	< 0.002	< 0.002	< 0.004	< 0.005	< 0.005	< 0.005	< 0.005	< 0.1	< 0.002	< 0.002	--	--	--	--
MW-4D	02/05/2015	121	< 0.4	--	--	--	< 0.002	< 0.002	< 0.002	< 0.0039	< 0.0049	< 0.0049	< 0.0049	< 0.0049	< 0.098	< 0.002	< 0.002	--	--	--	--
MW-4D	02/09/2015	140	< 0.4	--	--	--	< 0.002	< 0.002	< 0.002	< 0.0039	< 0.0049	< 0.0049	< 0.0049	< 0.0049	< 0.098	< 0.002	< 0.002	--	--	--	--
MW-4D	02/09/2015	160	< 0.4	--	--	--	< 0.002	< 0.002	< 0.002	< 0.0039	< 0.0049	< 0.0049	< 0.0049	< 0.0049	< 0.098	< 0.002	< 0.002	--	--	--	--
MW-5	11/30/2001	5.5	**880 c**	**510 a**	**300**	--	< 2.5	**0.26**	**2**	**3.5**	**2.2 ^**	< 0.2	< 0.2	< 0.2	< 100	< 0.1	< 0.2	**0.44**	**5,400**	**220**	< 10
MW-5	11/30/2001	10.5	**760 c**	**660 a**	**380**	--	< 0.5	**0.85**	**0.9**	**2.3 d**	**4.2 ^**	< 1.4	< 1.4	< 1.4	< 71	< 0.1	< 0.2	< 0.25	**6,900**	**420**	< 10
MW-5	11/30/2001	15.5	**1900 c**	**3700 a**	**1,900**	--	< 1	< 1	**2.8**	**610**	**15 ^**	< 1.4	< 1.4	< 1.4	< 71	< 0.1	< 0.2	**0.72**	**44,000**	**1,300**	< 50
MW-5	11/30/2001	20.5	**6100 c**	**2300 a**	**1,400**	--	**6.9**	**83**	**56**	**320**	**130 ^d**	< 5	< 5	< 5	< 250	< 0.1	< 0.2	**2.2**	**27,000**	**1,600**	< 50
MW-5	11/30/2001	25.5	**4700 b**	**3400 a**	**1,600**	--	< 2.5	**160**	**57**	**370 d**	**140 ^d**	< 3.3	< 3.3	< 3.3	< 170	< 0.1	< 0.2	**4.9**	**40,000**	**560**	< 50
MW-5	11/30/2001	30.5	**3400 b**	**580 a**	< 200	--	**2.3**	**170**	**57**	**360**	**32 ^**	< 2	< 2	< 2	< 100	< 0.1	< 0.2	**8.1**	**6,300**	**130**	< 20
MW-5	11/30/2001	35.5	**950**	**110 a**	**52**	--	< 0.5	**28**	**14**	**110**	**15**	< 0.1	< 0.1	< 0.1	< 2.5	< 0.1	< 0.2	**5.6**	< 1.0	< 10	**120**
MW-5	11/30/2001	40.5	< 1	**6.3 a**	< 10	--	< 0.005	**0.016**	< 0.005	**0.034**	**3.5**	< 0.1	< 0.1	< 0.1	< 2.5	< 0.1	< 0.2	< 0.25	< 1.0	< 10	**6.6**
MW-5	11/30/2001	45.5	< 1	**4.3 a**	< 10	--	< 0.005	**0.0066**	< 0.005	**0.02**	**3.3**	< 0.1	< 0.1	< 0.1	< 2.5	< 0.1	< 0.2	< 0.25	< 1.0	< 10	**4.4**
MW-5	11/30/2001	50.5	< 1	**2.3 a**	**11**	--	< 0.005	**0.0057**	< 0.005	**0.012**	**2.7**	< 0.1	< 0.1	< 0.1	< 2.5	< 0.1	< 0.2	< 0.25	< 1.0	**22**	< 1.0
MW-5	11/30/2001	56	< 1	< 1	< 10	--	< 0.005	**0.022**	**0.0051**	**0.044**	**4.9**	< 0.1	< 0.1	< 0.1	< 2.5	< 0.1	< 0.2	< 0.25	< 1.0	< 10	< 1.0
MW-6	11/29/2001	5.5	**1.1 b**	--	--	--	**0.0072**	**0.037**	< 0.005	**0.022**	**4.2**	< 0.1	< 0.1	< 0.1	**17**	< 0.1	< 0.1	--	--	--	--
MW-6	11/29/2001	10.5	**2.7 b**	--	--	--	**0.008**	**0.1**	**0.022**	**0.17 d**	**66**	< 0.5	< 0.5	< 0.5	< 25	< 0.5	< 0.5	--	--	--	--
MW-6	11/29/2001	15.5	**21000 c**	--	--	--	< 25	**720**	**170**	**1,100**	**470**	< 10	< 10	< 10	< 500	< 10	< 10	--	--	--	--
MW-6	11/29/2001	20.5	**3.1 b**	--	--	--	**0.02**	**0.057**	**0.016**	**0.12 d**	**280**	< 3.3	< 3.3	< 3.3	< 170	< 3.3	< 3.3	--	--	--	--
MW-6	11/29/2001	25.5	**1300 b**	--	--	--	< 2.5	**41**	**24**	**150**	**99**	< 2	< 2	< 2	< 100	< 2	< 2	--	--	--	--
MW-6	11/29/2001	30.5	**1.3 b**	--	--	--	**0.0069**	**0.038**	**0.0063**	**0.047 d**	**12**	< 0.1	< 0.1	< 0.1	< 5	< 0.1	< 0.1	--	--	--	--
MW-6	11/29/2001	35.5	**1 b**	--	--	--	< 0.005	**0.0062**	< 0.005	**0.016**	**3.9**	< 0.005	< 0.005	< 0.005	< 0.1	< 0.005	< 0.005	--	--	--	--
MW-6	11/29/2001	40.5	< 1	--	--	--	< 0.005	**0.0054**	< 0.005	**0.0061**	**2.2**	< 0.005	< 0.005	< 0.005	< 0.1	< 0.005	< 0.005	--	--	--	--
MW-6	11/29/2001	45.5	< 1	--	--	--	< 0.005	**0.0079**	< 0.005	**0.019**	**4.5**	< 0.005	< 0.005	< 0.005	< 0.1	< 0.005	< 0.005	--	--	--	--
MW-6	11/29/2001	50.5	< 1	--	--	--	< 0.005	**0.0053**	< 0.005	**0.0097**	**2.2**	< 0.005	< 0.005	< 0.005	< 0.1	< 0.005	< 0.005	--	--	--	--
MW-6	11/29/2001	55.5	< 1	--	--	--	< 0.005	< 0.005	< 0.005	**0.0058**	**0.95**	< 0.005	< 0.005	< 0.005	< 0.1	< 0.005	< 0.005	--	--	--	--
MW-6D	01/29/2015	121	< 0.39	--	--	--	< 0.002	< 0.002	< 0.002	< 0.004	< 0.005	< 0.005	< 0.005	< 0.005	< 0.1	< 0.002	< 0.002	--	--	--	--
MW-6D	01/29/2015	141	< 0.4	--	--	--	< 0.002	< 0.002	< 0.002	< 0.004	< 0.005	< 0.005	< 0.005	< 0.005	< 0.1	< 0.002	< 0.002	--	--	--	--
MW-6D	01/30/2015	167	< 0.4	--	--	--	< 0.002	< 0.002	< 0.002	< 0.004	< 0.005	< 0.005	< 0.005	< 0.005	< 0.099	< 0.002	< 0.002	--	--	--	--
MW-7	08/27/2008	26	< 0.5	--	--	--	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.002	< 0.002	< 0.002	< 0.01	--	--	--	--	--	--
MW-7	08/27/2008	56	< 0.5	--	--	--	< 0.001	< 0.001	< 0.001	< 0.001	**0.0032**	< 0.002	< 0.002	< 0.002	< 0.01	--	--	--	--	--	--
MW-7	08/27/2008	61	< 0.5	--	--	--	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.002	< 0.002	< 0.002	< 0.01	--	--	--	--	--	--
MW-7D	12/09/2014	5	< 0.38	--	--	--	< 0.002	< 0.002	< 0.002	< 0.004	< 0.005	< 0.005	< 0.005	< 0.005	< 0.099	< 0.002	< 0.002	--	--	--	--
MW-7D	01/15/2015	12	**170**	--	--	--	< 0.19	< 0.19	**0.95**	**7.9**	< 0.48	< 0.48	< 0.48	< 0.48	< 9.7	< 0.19	< 0.19	--	--	--	--
MW-7D	01/15/2015	21	< 0.4	--	--	--	< 0.0019	< 0.0019	< 0.0019	< 0.0037	< 0.0047	< 0.0047	< 0.0047	< 0.0047	< 0.093	< 0.0019	< 0.0019	--	--	--	--
MW-7D	01/15/2015	40	< 0.39	--	--	--	< 0.0019	< 0.0019	< 0.0019	< 0.0039	< 0.0048	< 0.0048	< 0.0048	< 0.0048	< 0.097	< 0.0019	< 0.0019	--	--	--	--
MW-7D	01/15/2015	60	< 0.39	--	--	--	< 0.002	< 0.002	< 0.002	< 0.004	< 0.005	< 0.005	< 0.005	< 0.005	< 0.099	< 0.002	< 0.002	--	--	--	--
MW-7D	01/15/2015	61	< 0.38	--	--	--	< 0.002	< 0.002	< 0.002	< 0.004	< 0.005	< 0.005	< 0.005	< 0.005	< 0.1	< 0.002	< 0.002	--	--	--	--
MW-7D	01/15/2015	70	< 0.39	--	--	--	< 0.002	< 0.002	< 0.002	< 0.004	< 0.005	< 0.005	< 0.005	< 0.005	< 0.099	< 0.002	< 0.002	--	--	--	--
MW-7D	01/15/2015	81	< 0.38	--	--	--	< 0.002	< 0.002	< 0.002	< 0.004	< 0.005	< 0.005	< 0.005	< 0.005	< 0.099	< 0.002	< 0.002	--	--	--	--
MW-7D	01/16/2015	101	< 0.4	--	--	--	< 0.002	< 0.002	< 0.002	< 0.004	< 0.005	< 0.005	< 0.005	< 0.005	< 0.1	< 0.002	< 0.002	--	--	--	--
MW-7D	01/16/2015	121	< 0.38	--	--	--	< 0.002	< 0.002	< 0.002	< 0.004	< 0.005	< 0.005	< 0.005	< 0.005	< 0.1	< 0.002	< 0.002	--	--	--	--
MW-7D	01/16/2015	141	< 0.4	--	--	--	< 0.002	< 0.002	< 0.002	< 0.004	< 0.005	< 0.005	< 0.005	< 0.005	< 0.1	< 0.002	< 0.002	--	--	--	--
MW-7D	01/19/2015	161	< 0.38	--	--	--	< 0.002	< 0.002	< 0.002	< 0.002	< 0.005	< 0.005	< 0.005	< 0.005	< 0.1	< 0.002	< 0.002	--	--	--	--

TABLE 2a
Historical Soil Analytical Data
ARCO Service Station No. 465
151 Southgate Avenue
Daly City, CA

Sample I.D.	Date	Depth (ft bgs)	GRO (mg/kg)	DRO (mg/kg)	ORO (mg/kg)	Total TPH (mg/kg)	Benzene (mg/kg)	Toluene (mg/kg)	Ethylbenzene (mg/kg)	Xylene (Total) (mg/kg)	MTBE (SW8260B) (mg/kg)	DIPE (mg/kg)	ETBE (mg/kg)	TAME (mg/kg)	TBA (mg/kg)	1,2-DCA (mg/kg)	EDB (mg/kg)	Naphthalene (mg/kg)	Stoddard Solvent (mg/kg)	Oil and Grease (mg/kg)	Jet Fuel (mg/kg)
MW-8	08/29/2008	51	< 0.5	--	--	--	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.002	< 0.002	< 0.002	< 0.01	--	--	--	--	--	--
MW-8	08/29/2008	56	< 0.5	--	--	--	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.002	< 0.002	< 0.002	< 0.01	--	--	--	--	--	--
MW-8	08/29/2008	58	< 0.5	--	--	--	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.002	< 0.002	< 0.002	< 0.01	--	--	--	--	--	--
MW-9	08/28/2008	48	< 0.5	--	--	--	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.002	< 0.002	< 0.002	< 0.01	--	--	--	--	--	--
MW-9	08/28/2008	51	< 0.5	--	--	--	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.002	< 0.002	< 0.002	< 0.01	--	--	--	--	--	--
MW-9	08/28/2008	56	< 0.5	--	--	--	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.002	< 0.002	< 0.002	< 0.01	--	--	--	--	--	--
MW-9D	07/17/2017	45	< 0.3	--	--	--	< 0.0015	< 0.0015	< 0.0015	< 0.0045	< 0.0037	< 0.0037	< 0.0037	< 0.0037	< 0.075	< 0.0015	< 0.0015	--	--	--	--
MW-9D	07/17/2017	52	< 0.37	--	--	--	< 0.0014	< 0.0014	< 0.0014	< 0.0042	< 0.0035	< 0.0035	< 0.0035	< 0.0035	< 0.07	< 0.0014	< 0.0014	--	--	--	--
MW-9D	07/17/2017	104	< 0.28	--	--	--	< 0.0013	< 0.0013	< 0.0013	< 0.0039	< 0.0033	< 0.0033	< 0.0033	< 0.0033	< 0.066	< 0.0013	< 0.0013	--	--	--	--
MW-9D	07/18/2017	145	< 0.3	--	--	--	< 0.0015	< 0.0015	< 0.0015	< 0.0045	< 0.0037	< 0.0037	< 0.0037	< 0.0037	< 0.075	< 0.0015	< 0.0015	--	--	--	--
MW-9D	07/18/2017	162	< 0.29	--	--	--	< 0.0014	< 0.0014	< 0.0014	< 0.0042	< 0.0035	< 0.0035	< 0.0035	< 0.0035	< 0.07	< 0.0014	< 0.0014	--	--	--	--
MW-10	06/29/2011	10	< 0.5	--	--	--	< 0.001	< 0.001	< 0.001	< 0.001	**0.14**	< 0.002	< 0.002	< 0.002	< 0.01	< 0.001	< 0.001	--	--	--	--
MW-10	06/30/2011	10	--	--	**68**	--	--	--	--	--	--	--	--	--	--	--	--	--	< 5.0	--	--
MW-10	06/30/2011	15	< 0.5	--	< 25	--	< 0.001	< 0.001	< 0.001	**0.0095**	**0.26**	< 0.002	< 0.002	< 0.002	< 0.01	< 0.001	< 0.001	--	< 5.0	--	--
MW-10	06/30/2011	20	**25**	--	< 25	--	< 0.1	**1.3**	**0.63**	**4.7**	**5.3**	< 0.2	< 0.2	< 0.2	**1.3**	< 0.1	< 0.1	--	< 5.0	--	--
MW-10	06/30/2011	25	**240**	--	< 25	--	< 0.4	**10**	**2.5**	**22**	**49**	< 0.8	< 0.8	< 0.8	< 4	< 0.4	< 0.4	--	**8**	--	--
MW-10	06/30/2011	30	**18**	--	< 25	--	< 0.2	**2.3**	**0.8**	**7.5**	**31**	< 0.4	< 0.4	< 0.4	< 2	< 0.2	< 0.2	--	**9.6**	--	--
MW-10	06/30/2011	35	**250**	--	< 25	--	< 0.1	**2.2**	**1.6**	**22**	**17**	< 0.2	< 0.2	< 0.2	**1.3**	< 0.1	< 0.1	--	**27**	--	--
MW-10	06/30/2011	40	**3.7**	--	< 25	--	< 0.1	< 0.1	< 0.1	**0.12**	**12**	< 0.2	< 0.2	< 0.2	**1.1**	< 0.1	< 0.1	--	< 5.0	--	--
MW-10	06/30/2011	45	**6.2**	--	< 25	--	< 0.1	**0.65**	**0.22**	**3.2**	**20**	< 0.2	< 0.2	< 0.2	< 1	< 0.1	< 0.1	--	< 5.0	--	--
MW-10	06/30/2011	50	**4.4**	--	< 25	--	< 0.1	**0.29**	< 0.1	**1.2**	**76**	< 0.2	< 0.2	< 0.2	**7.1**	< 0.1	< 0.1	--	**7.1**	--	--
MW-11	06/30/2011	20	< 0.5	--	< 25	--	< 0.001	< 0.001	< 0.001	< 0.001	**0.0026**	< 0.002	< 0.002	< 0.002	< 0.01	< 0.001	< 0.001	--	< 5.0	--	--
MW-11	06/30/2011	40	< 0.5	--	< 25	--	< 0.001	< 0.001	< 0.001	< 0.001	**0.045**	< 0.002	< 0.002	< 0.002	**0.35**	< 0.001	< 0.001	--	< 5.0	--	--
MW-11	06/30/2011	50	< 0.5	--	< 25	--	< 0.001	< 0.001	< 0.001	< 0.001	**0.052**	< 0.002	< 0.002	< 0.002	< 0.01	< 0.001	< 0.001	--	< 5.0	--	--
MW-11	06/30/2011	55	< 0.5	--	< 25	--	< 0.001	< 0.001	< 0.001	< 0.001	**0.011**	< 0.002	< 0.002	< 0.002	< 0.01	< 0.001	< 0.001	--	< 5.0	--	--
MW-11	06/30/2011	60	< 0.5	--	< 25	--	< 0.001	**0.0021**	< 0.001	**0.0012**	**0.17**	< 0.002	< 0.002	< 0.002	< 0.01	< 0.001	< 0.001	--	< 5.0	--	--
MW-11	06/30/2011	65	< 0.5	--	< 25	--	< 0.001	< 0.001	< 0.001	< 0.001	**0.14**	< 0.002	< 0.002	< 0.002	< 0.01	< 0.001	< 0.001	--	< 5.0	--	--
MW-11	06/30/2011	70	< 0.5	--	< 25	--	< 0.001	< 0.001	< 0.001	< 0.001	**0.016**	< 0.002	< 0.002	< 0.002	< 0.01	< 0.001	< 0.001	--	< 5.0	--	--
MW-12	06/28/2011	20	< 0.5	--	--	--	< 0.001	< 0.001	< 0.001	**0.001**	**0.01**	< 0.002	< 0.002	< 0.002	< 0.01	< 0.001	< 0.001	--	--	--	--
MW-12	06/30/2011	20	--	--	< 25	--	--	--	--	--	--	--	--	--	--	--	--	--	< 5.0	--	--
MW-12	06/30/2011	40	< 0.5	--	< 25	--	< 0.001	**0.0013**	< 0.001	**0.001**	**0.047**	< 0.002	< 0.002	< 0.002	< 0.01	< 0.001	< 0.001	--	< 5.0	--	--
MW-12	06/30/2011	50	< 0.5	--	< 25	--	< 0.001	< 0.001	< 0.001	< 0.001	**0.031**	< 0.002	< 0.002	< 0.002	< 0.01	< 0.001	< 0.001	--	< 5.0	--	--
MW-12	06/30/2011	55	< 0.5	--	< 25	--	< 0.001	**0.0028**	< 0.001	**0.001**	**0.14**	< 0.002	< 0.002	< 0.002	< 0.01	< 0.001	< 0.001	--	< 5.0	--	--
MW-12	06/30/2011	57	< 0.5	--	< 25	--	< 0.001	**0.001**	< 0.001	< 0.001	**0.031**	< 0.002	< 0.002	< 0.002	< 0.01	< 0.001	< 0.001	--	< 5.0	--	--
MW-12	06/30/2011	58	< 0.5	--	< 25	--	< 0.001	**0.0029**	< 0.001	**0.0089**	**0.074**	< 0.002	< 0.002	< 0.002	< 0.01	< 0.001	< 0.001	--	< 5.0	--	--
MW-13	01/06/2015	10	< 0.39	--	--	--	< 0.002	< 0.002	< 0.002	< 0.004	< 0.005	< 0.005	< 0.005	< 0.005	< 0.1	< 0.002	< 0.002	--	--	--	--
MW-13	01/06/2015	20	**2.4**	--	--	--	< 0.0049	< 0.0049	< 0.0049	**0.29**	< 0.012	< 0.012	< 0.012	< 0.012	< 0.25	< 0.0049	< 0.0049	--	--	--	--
MW-13	01/06/2015	30	< 0.4	--	--	--	< 0.002	< 0.002	< 0.002	< 0.004	< 0.005	< 0.005	< 0.005	< 0.005	< 0.099	< 0.002	< 0.002	--	--	--	--
MW-13	01/06/2015	40	< 0.39	--	--	--	< 0.002	< 0.002	< 0.002	< 0.004	< 0.005	< 0.005	< 0.005	< 0.005	< 0.1	< 0.002	< 0.002	--	--	--	--
MW-13	01/06/2015	50	**0.67**	--	--	--	< 0.002	< 0.002	< 0.002	< 0.004	< 0.005	< 0.005	< 0.005	< 0.005	< 0.1	< 0.002	< 0.002	--	--	--	--
MW-13	01/06/2015	60	< 0.38	--	--	--	< 0.0087	< 0.0087	< 0.0087	< 0.017	**0.92**	< 0.022	< 0.022	< 0.022	< 0.43	< 0.0087	< 0.0087	--	--	--	--
MW-13	01/06/2015	71	< 0.38	--	--	--	< 0.0019	< 0.0019	< 0.0019	< 0.0038	**0.51**	< 0.0048	< 0.0048	< 0.0048	< 0.096	< 0.0019	< 0.0019	--	--	--	--
MW-13	01/06/2015	80	< 0.38	--	--	--	< 0.0096	< 0.0096	< 0.0096	< 0.019	**0.9**	< 0.024	< 0.024	< 0.024	< 0.48	< 0.0096	< 0.0096	--	--	--	--
MW-14	01/05/2015	5	< 0.38	--	--	--	< 0.002	< 0.002	< 0.002	< 0.004	**0.14**	< 0.005	< 0.005	< 0.005	< 0.1	< 0.002	< 0.002	--	--	--	--
MW-14	01/05/2015	10	< 0.39	--	--	--	< 0.002	< 0.002	< 0.002	< 0.004	< 0.005	< 0.005	< 0.005	< 0.005	< 0.1	< 0.002	< 0.002	--	--	--	--
MW-14	01/05/2015	20	**1.7**	--	--	--	< 0.002	< 0.002	< 0.002	**0.033**	< 0.005	< 0.005	< 0.005	< 0.005	**0.11**	< 0.002	< 0.002	--	--	--	--
MW-14	01/05/2015	25	< 0.37	--	--	--	< 0.002	< 0.002	< 0.002	< 0.004	< 0.005	< 0.005	< 0.005	< 0.005	**2.2**	< 0.002	< 0.002	--	--	--	--
MW-14	01/05/2015	30	**2.5**	--	--	--	< 0.002	< 0.002	< 0.002	< 0.004	< 0.005	< 0.005	< 0.005	< 0.005	**0.94**	< 0.002	< 0.002	--	--	--	--
MW-14	01/05/2015	40	< 0.39	--	--	--	< 0.0019	< 0.0019	< 0.0019	< 0.0039	< 0.0048	< 0.0048	< 0.0048	< 0.0048	**3.2**	< 0.0019	< 0.0019	--	--	--	--
MW-14	01/05/2015	50	< 0.4	--	--	--	< 0.002	< 0.002	< 0.002	< 0.004	< 0.005	< 0.005	< 0.005	< 0.005	< 0.1	< 0.002	< 0.002	--	--	--	--
MW-14	01/05/2015	60	< 0.4	--	--	--	< 0.0041	< 0.0041	< 0.0041	< 0.0083	**0.44**	< 0.01	< 0.01	< 0.01	**0.83**	< 0.0041	< 0.0041	--	--	--	--
MW-14	01/05/2015	70	< 0.39	--	--	--	< 0.002	< 0.002	< 0.002	< 0.004	**0.032**	< 0.005	< 0.005	< 0.005	< 0.099	< 0.002	< 0.002	--	--	--	--
MW-14	01/05/2015	80	< 0.4	--	--	--	< 0.002	< 0.002	< 0.002	< 0.0039	< 0.0049	< 0.0049	< 0.0049	< 0.0049	< 0.099	< 0.002	< 0.002	--	--	--	--

TABLE 2a
Historical Soil Analytical Data
ARCO Service Station No. 465
151 Southgate Avenue
Daly City, CA

Sample I.D.	Date	Depth (ft bgs)	GRO (mg/kg)	DRO (mg/kg)	ORO (mg/kg)	Total TPH (mg/kg)	Benzene (mg/kg)	Toluene (mg/kg)	Ethylbenzene (mg/kg)	Xylene (Total) (mg/kg)	MTBE (SW8260B) (mg/kg)	DIPE (mg/kg)	ETBE (mg/kg)	TAME (mg/kg)	TBA (mg/kg)	1,2-DCA (mg/kg)	EDB (mg/kg)	Naphthalene (mg/kg)	Stoddard Solvent (mg/kg)	Oil and Grease (mg/kg)	Jet Fuel (mg/kg)
MW-15	12/17/2014	10	< 0.38	--	--	--	< 0.002	< 0.002	< 0.002	< 0.004	< 0.005	< 0.005	< 0.005	< 0.005	< 0.099	< 0.002	< 0.002	--	--	--	--
MW-15	12/17/2014	20	< 0.39	--	--	--	< 0.002	< 0.002	< 0.002	< 0.004	< 0.005	< 0.005	< 0.005	< 0.005	< 0.1	< 0.002	< 0.002	--	--	--	--
MW-15	12/17/2014	30	< 0.4	--	--	--	< 0.002	< 0.002	< 0.002	< 0.004	< 0.005	< 0.005	< 0.005	< 0.005	< 0.099	< 0.002	< 0.002	--	--	--	--
MW-15	12/17/2014	40	< 0.38	--	--	--	< 0.002	< 0.002	< 0.002	< 0.004	< 0.005	< 0.005	< 0.005	< 0.005	< 0.1	< 0.002	< 0.002	--	--	--	--
MW-15	12/17/2014	50	< 0.4	--	--	--	< 0.002	< 0.002	< 0.002	< 0.004	**0.065**	< 0.005	< 0.005	< 0.005	< 0.099	< 0.002	< 0.002	--	--	--	--
MW-15	12/17/2014	60	< 0.4	--	--	--	< 0.01	< 0.01	< 0.01	< 0.02	**7.3**	< 0.025	< 0.025	< 0.025	< 0.51	< 0.01	< 0.01	--	--	--	--
MW-15	12/17/2014	70	< 0.39	--	--	--	< 0.01	< 0.01	< 0.01	< 0.02	**3.8**	< 0.025	< 0.025	< 0.025	< 0.5	< 0.01	< 0.01	--	--	--	--
MW-15	12/17/2014	80	< 2	--	--	--	< 0.0097	< 0.0097	< 0.0097	< 0.019	**13**	< 0.024	< 0.024	< 0.024	**27**	< 0.0097	< 0.0097	--	--	--	--
MW-15	12/17/2014	90	< 0.39	--	--	--	< 0.002	< 0.002	< 0.002	< 0.004	**0.33**	< 0.005	< 0.005	< 0.005	< 0.1	< 0.002	< 0.002	--	--	--	--
MW-16D	03/07/2019	66.5	< 0.28	< 5.0	< 5.0	--	< 0.0023BU	< 0.0023BU	< 0.0023BU	< 0.0046BU	< 0.0058BU	< 0.0058BU	< 0.0058BU	< 0.0058BU	< 0.12BU	< 0.0023BU	< 0.0023BU	< 0.25	--	--	--
MW-16D	03/11/2019	70	< 0.27	< 4.8	**5.7**	--	< 0.0015	< 0.0015	< 0.0015	< 0.0030	**0.022**	< 0.0037	< 0.0037	< 0.0037	< 0.075	< 0.0015	< 0.0015	< 0.25	--	--	--
MW-16D	03/11/2019	76	< 0.3	< 4.9	**6.9**	--	< 0.0015	< 0.0015	< 0.0015	< 0.0030	**0.013**	< 0.0037	< 0.0037	< 0.0037	< 0.075	< 0.0015	< 0.0015	< 0.25	--	--	--
MW-16D	03/11/2019	81	< 0.29	< 4.9	**5.6**	--	< 0.0016	< 0.0016	< 0.0016	< 0.0032	**0.97**	< 0.0040	< 0.0040	< 0.0040	**0.55**	< 0.0016	< 0.0016	< 0.25	--	--	--
MW-16D	03/11/2019	86	< 0.29	< 5.0	< 5.0	--	< 0.0016	< 0.0016	< 0.0016	< 0.0031	**0.71**	< 0.0039	< 0.0039	< 0.0039	**0.1**	< 0.0016	< 0.0016	< 0.25	--	--	--
MW-16D	03/11/2019	91	< 0.29	< 4.9	< 4.9	--	< 0.0017	< 0.0017	< 0.0017	< 0.0035	**2.7**	< 0.0043	< 0.0043	< 0.0043	**1.1**	< 0.0017	< 0.0017	< 0.25	--	--	--
MW-16D	03/11/2019	96	< 0.31	< 5.0	< 5.0	--	< 0.0018	< 0.0018	< 0.0018	< 0.0035	**0.0078**	< 0.0044	< 0.0044	< 0.0044	< 0.088	< 0.0018	< 0.0018	< 0.25	--	--	--
MW-16D	03/11/2019	101	< 0.34	< 4.9	< 4.9	--	< 0.0019	< 0.0019	< 0.0019	< 0.0038	< 0.0048	< 0.0048	< 0.0048	< 0.0048	< 0.095	< 0.0019	< 0.0019	< 0.25	--	--	--
MW-16D	03/11/2019	105	< 0.4	< 4.9	< 4.9	--	< 0.0018	< 0.0018	< 0.0018	< 0.0036	< 0.0045	< 0.0045	< 0.0045	< 0.0045	< 0.090	< 0.0018	< 0.0018	< 0.25	--	--	--
MW-16D	03/12/2019	110	< 0.35	< 4.9	< 4.9	--	< 0.0018	< 0.0018	< 0.0018	< 0.0036	< 0.0046	< 0.0046	< 0.0046	< 0.0046	< 0.091	< 0.0018	< 0.0018	< 0.25	--	--	--
MW-16D	03/12/2019	115	< 0.31	< 4.9	< 4.9	--	< 0.0014	< 0.0014	< 0.0014	< 0.0028	**0.0072**	< 0.0035	< 0.0035	< 0.0035	< 0.070	< 0.0014	< 0.0014	< 0.25	--	--	--
MW-16D	03/12/2019	120	< 0.33	< 5.0	< 5.0	--	< 0.0015	< 0.0015	< 0.0015	< 0.0030	< 0.0038	< 0.0038	< 0.0038	< 0.0038	< 0.075	< 0.0015	< 0.0015	< 0.25	--	--	--
MW-16D	03/12/2019	125	< 0.3	< 5.0	< 5.0	--	< 0.0014	< 0.0014	< 0.0014	< 0.0028	< 0.0035	< 0.0035	< 0.0035	< 0.0035	< 0.070	< 0.0014	< 0.0014	< 0.25	--	--	--
MW-16D	03/12/2019	130	< 0.35	< 4.9	< 4.9	--	< 0.0015	< 0.0015	< 0.0015	< 0.0030	< 0.0037	< 0.0037	< 0.0037	< 0.0037	< 0.074	< 0.0015	< 0.0015	< 0.25	--	--	--
MW-16D	03/12/2019	135	< 0.4	< 5.0	< 5.0	--	< 0.0016	< 0.0016	< 0.0016	< 0.0033	< 0.0041	< 0.0041	< 0.0041	< 0.0041	< 0.082	< 0.0016	< 0.0016	< 0.25	--	--	--
MW-18D	02/28/2019	50	< 0.26	< 4.9	< 4.9	--	< 0.0015	< 0.0015	< 0.0015	< 0.0030	< 0.0037	< 0.0037	< 0.0037	< 0.0037	< 0.074	< 0.0015	< 0.0015	< 0.25	--	--	--
MW-18D	02/28/2019	65	< 0.29	< 5.0	**5**	--	< 0.0015	< 0.0015	< 0.0015	< 0.0031	< 0.0039	< 0.0039	< 0.0039	< 0.0039	< 0.077	< 0.0015	< 0.0015	< 0.25	--	--	--
MW-18D	03/01/2019	70	< 0.26	< 5.0	< 5.0	--	< 0.0014	< 0.0014	< 0.0014	< 0.0028	< 0.0034	< 0.0034	< 0.0034	< 0.0034	< 0.069	< 0.0014	< 0.0014	< 0.25	--	--	--
MW-18D	03/01/2019	80	< 0.32	< 5.0	< 5.0	--	< 0.0017	< 0.0017	< 0.0017	< 0.0033	< 0.0041	< 0.0041	< 0.0041	< 0.0041	< 0.083	< 0.0017	< 0.0017	< 0.25	--	--	--
MW-18D	03/01/2019	90	< 0.27	< 5.0	< 5.0	--	< 0.0014	< 0.0014	< 0.0014	< 0.0028	< 0.0035	< 0.0035	< 0.0035	< 0.0035	< 0.069	< 0.0014	< 0.0014	< 0.25	--	--	--
MW-18D	03/01/2019	100	< 0.26	< 5.0	**5.1**	--	< 0.0013	< 0.0013	< 0.0013	< 0.0026	**0.0062**	< 0.0033	< 0.0033	< 0.0033	< 0.066	< 0.0013	< 0.0013	< 0.25	--	--	--
MW-18D	03/01/2019	110	< 0.26	< 5.0	< 5.0	--	< 0.0014	< 0.0014	< 0.0014	< 0.0028	**0.0087**	< 0.0035	< 0.0035	< 0.0035	< 0.070	< 0.0014	< 0.0014	< 0.25	--	--	--
MW-18D	03/04/2019	115	< 0.28	< 5.0	< 5.0	--	< 0.0014	< 0.0014	< 0.0014	< 0.0027	< 0.0034	< 0.0034	< 0.0034	< 0.0034	< 0.068	< 0.0014	< 0.0014	< 0.25	--	--	--
MW-18D	03/04/2019	120	< 0.26	< 5.0	< 5.0	--	< 0.0013	< 0.0013	< 0.0013	< 0.0026	< 0.0032	< 0.0032	< 0.0032	< 0.0032	< 0.064	< 0.0013	< 0.0013	< 0.25	--	--	--
MW-18D	03/04/2019	125	< 0.26	< 5.0	< 5.0	--	< 0.0012	< 0.0012	< 0.0012	< 0.0025	< 0.0031	< 0.0031	< 0.0031	< 0.0031	< 0.062	< 0.0012	< 0.0012	< 0.25	--	--	--
MW-18D	03/04/2019	130	< 0.26	< 5.0	< 5.0	--	< 0.0013	< 0.0013	< 0.0013	< 0.0026	< 0.0032	< 0.0032	< 0.0032	< 0.0032	< 0.065	< 0.0013	< 0.0013	< 0.25	--	--	--
MW-18D	03/04/2019	140	< 0.29	< 5.0	< 5.0	--	< 0.0014	< 0.0014	< 0.0014	< 0.0028	< 0.0035	< 0.0035	< 0.0035	< 0.0035	< 0.069	< 0.0014	< 0.0014	< 0.25	--	--	--
MW-18D	03/05/2019	143.5	< 0.3	< 5.0	< 5.0	--	< 0.0015	< 0.0015	< 0.0015	< 0.0030	< 0.0037	< 0.0037	< 0.0037	< 0.0037	< 0.075	< 0.0015	< 0.0015	< 0.25	--	--	--
MW-19	05/17/2016	62	< 0.4	--	--	--	< 0.002	< 0.002	< 0.002	< 0.004	< 0.005	< 0.005	< 0.005	< 0.005	< 0.1	< 0.002	< 0.002	--	--	--	--
MW-19D	02/20/2019	42	< 0.29	< 4.9	< 4.9	--	< 0.0014	< 0.0014	< 0.0014	< 0.0029	< 0.0036	< 0.0036	< 0.0036	< 0.0036	< 0.072	< 0.0014	< 0.0014	< 0.25	--	--	--
MW-19D	02/20/2019	51	< 0.26	< 4.9	< 4.9	--	< 0.0013	< 0.0013	< 0.0013	< 0.0026	< 0.0033	< 0.0033	< 0.0033	< 0.0033	< 0.066	< 0.0013	< 0.0013	< 0.25	--	--	--
MW-19D	02/20/2019	59	< 0.4	< 9.8	< 9.8	--	< 0.0020	< 0.0020	< 0.0020	< 0.0040	< 0.0050	< 0.0050	< 0.0050	< 0.0050	< 0.099	< 0.0020	< 0.0020	< 0.25	--	--	--
MW-19D	02/20/2019	63	< 0.26	< 5.0	< 5.0	--	< 0.0014	< 0.0014	< 0.0014	< 0.0027	< 0.0034	< 0.0034	< 0.0034	< 0.0034	< 0.068	< 0.0014	< 0.0014	< 0.25	--	--	--
MW-19D	02/21/2019	67	< 0.26	< 5.0	< 5.0	--	< 0.0012	< 0.0012	< 0.0012	< 0.0025	< 0.0031	< 0.0031	< 0.0031	< 0.0031	< 0.062	< 0.0012	< 0.0012	< 0.25	--	--	--
MW-19D	02/21/2019	69	< 0.26	< 5.0	< 5.0	--	< 0.0012	< 0.0012	< 0.0012	< 0.0025	< 0.0031	< 0.0031	< 0.0031	< 0.0031	< 0.062	< 0.0012	< 0.0012	< 0.25	--	--	--
MW-19D	02/21/2019	71	< 0.26	< 5.0	< 5.0	--	< 0.0016	< 0.0016	< 0.0016	< 0.0031	< 0.0039	< 0.0039	< 0.0039	< 0.0039	< 0.078	< 0.0016	< 0.0016	< 0.25	--	--	--
MW-19D	02/21/2019	81	< 0.27	< 5.0	**5.1**	--	< 0.0017	< 0.0017	< 0.0017	< 0.0034	**0.02**	< 0.0043	< 0.0043	< 0.0043	< 0.086	< 0.0017	< 0.0017	< 0.25	--	--	--
MW-19D	02/21/2019	91	< 0.34	< 5.0	< 5.0	--	< 0.0016	< 0.0016	< 0.0016	< 0.0033	< 0.0041	< 0.0041	< 0.0041	< 0.0041	< 0.081	< 0.0016	< 0.0016	< 0.25	--	--	--
MW-19D	02/22/2019	101	< 0.31	< 5.0	**7.6**	--	< 0.0016	< 0.0016	< 0.0016	< 0.0032	< 0.0040	< 0.0040	< 0.0040	< 0.0040	< 0.081	< 0.0016	< 0.0016	< 0.25	--	--	--
MW-19D	02/22/2019	111	< 0.29	**5.2**	**5**	--	< 0.0016	< 0.0016	< 0.0016	< 0.0031	< 0.0039	< 0.0039	< 0.0039	< 0.0039	< 0.078	< 0.0016	< 0.0016	< 0.25	--	--	--
MW-19D	02/22/2019	116	< 0.26	< 5.0	< 5.0	--	< 0.0016	< 0.0016	< 0.0016	< 0.0031	< 0.0039	< 0.0039	< 0.0039	< 0.0039	< 0.078	< 0.0016	< 0.0016	< 0.25	--	--	--
MW-19D	02/22/2019	121	< 0.31	< 5.0	< 5.0	--	< 0.0014	< 0.0014	< 0.0014	< 0.0029	**0.023**	< 0.0036	< 0.0036	< 0.0036	< 0.072	< 0.0014	< 0.0014	< 0.25	--	--	--
MW-19D	02/25/2019	126	< 0.27	< 5.0	**5.7**	--	< 0.0015	< 0.0015	< 0.0015	< 0.0030	**0.034**	< 0.0037	< 0.0037	< 0.0037	< 0.074	< 0.0015	< 0.0015	< 0.25	--	--	--
MW-19D	02/25/2019	131	< 0.28	< 5.0	< 5.0	--	< 0.0014	**0.0022**	< 0.0014	< 0.0028	**0.057**	< 0.0036	< 0.0036	< 0.0036	< 0.071	< 0.0014	< 0.0014	< 0.25LQ	--	--	--
MW-19D	02/26/2019	135.5	< 0.26	< 4.9	< 4.9	--	< 0.0013	< 0.0013	< 0.0013	< 0.0026	**0.03**	< 0.0033	< 0.0033	< 0.0033	< 0.066	< 0.0013	< 0.0013	< 0.25	--	--	--
V-1	03/17/1992	6	< 1	--	--	--	< 0.005	< 0.005	< 0.005	< 0.005	--	--	--	--	--	--	--	--	--	--	--
V-1	03/17/1992	21	**43**	--	--	--	**0.55**	**1.2**	**0.34**	**2.1**	--	--	--	--	--	--	--	--	--	--	--
V-1	03/17/1992	31	**7,700**	--	--	--	**41**	**240**	**110**	**660**	--	--	--	--	--	--	--	--	--	--	--

TABLE 2a
Historical Soil Analytical Data
ARCO Service Station No. 465
151 Southgate Avenue
Daly City, CA

Sample I.D.	Date	Depth (ft bgs)	GRO (mg/kg)	DRO (mg/kg)	ORO (mg/kg)	Total TPH (mg/kg)	Benzene (mg/kg)	Toluene (mg/kg)	Ethylbenzene (mg/kg)	Xylene (Total) (mg/kg)	MTBE (SW8260B) (mg/kg)	DIPE (mg/kg)	ETBE (mg/kg)	TAME (mg/kg)	TBA (mg/kg)	1,2-DCA (mg/kg)	EDB (mg/kg)	Naphthalene (mg/kg)	Stoddard Solvent (mg/kg)	Oil and Grease (mg/kg)	Jet Fuel (mg/kg)
V-2	03/19/1992	5.5	< 1	--	--	--	< 0.005	< 0.005	< 0.005	< 0.005	--	--	--	--	--	--	--	--	--	--	--
V-2	03/19/1992	15.5	**1,400**	--	--	--	**1.6**	**24**	**19**	**110**	--	--	--	--	--	--	--	--	--	--	--
V-2	03/19/1992	25.5	**120**	--	--	--	**0.37**	**4**	**1.7**	**8.7**	--	--	--	--	--	--	--	--	--	--	--
V-2	03/19/1992	30.5	< 1	--	--	--	< 0.005	**0.017**	< 0.005	**0.035**	--	--	--	--	--	--	--	--	--	--	--
V-3	03/17/1992	6	< 1	--	--	--	< 0.005	< 0.005	< 0.005	< 0.005	--	--	--	--	--	--	--	--	--	--	--
V-3	03/17/1992	16	**1.5**	--	--	--	**0.095**	**0.093**	**0.031**	**0.16**	--	--	--	--	--	--	--	--	--	--	--
V-3	03/17/1992	26	< 1	--	--	--	**0.007**	**0.011**	< 0.005	**0.021**	--	--	--	--	--	--	--	--	--	--	--
V-3	03/17/1992	31	**1**	--	--	--	**0.09**	**0.07**	**0.015**	**0.077**	--	--	--	--	--	--	--	--	--	--	--
V-4	03/26/1992	5	< 1	--	--	--	**0.11**	< 0.005	< 0.005	< 0.005	--	--	--	--	--	--	--	--	--	--	--
V-4	03/26/1992	15	< 1	--	--	--	**0.018**	< 0.005	< 0.005	< 0.005	--	--	--	--	--	--	--	--	--	--	--
V-4	03/26/1992	20	**12,000**	--	--	--	**96**	**600**	**260**	**1,300**	--	--	--	--	--	--	--	--	--	--	--
V-4	03/26/1992	35	< 1	--	--	--	**0.12**	**0.12**	**0.014**	**0.078**	--	--	--	--	--	--	--	--	--	--	--
V-4	03/26/1992	45	< 1	--	--	--	**0.1**	**0.094**	**0.012**	**0.072**	--	--	--	--	--	--	--	--	--	--	--
V-4	03/26/1992	55	< 1	--	--	--	**0.14**	**0.083**	**0.012**	**0.095**	--	--	--	--	--	--	--	--	--	--	--
V-4	03/26/1992	65	< 1	--	--	--	**0.01**	< 0.005	< 0.005	< 0.005	--	--	--	--	--	--	--	--	--	--	--
V-5	03/17/1992	5	**4,500**	--	--	--	< 0.005	< 0.005	< 0.005	**47**	--	--	--	--	--	--	--	< 1, M1	--	--	--
V-5	03/17/1992	15	**1,300**	--	--	--	**1.8**	**4**	**2.8**	**17**	--	--	--	--	--	--	--	< 1, M1	--	--	--
V-5	03/17/1992	30	**22**	--	--	--	< 0.005	**0.057**	**0.076**	**0.44**	--	--	--	--	--	--	--	--	--	--	--
V-5	03/17/1992	45	< 1	--	--	--	< 0.005	< 0.005	< 0.005	< 0.005	--	--	--	--	--	--	--	--	--	--	--
V-5	03/17/1992	60	< 1	--	--	--	**0.049**	< 0.005	**0.005**	**0.044**	--	--	--	--	--	--	--	--	--	--	--
V-5	03/17/1992	90	< 1	--	--	--	< 0.005	< 0.005	< 0.005	< 0.005	--	--	--	--	--	--	--	--	--	--	--
									6												
V-6	03/27/1992	5.5	< 1	--	--	--	< 0.005	< 0.005	< 0.005	< 0.005	--	--	--	--	--	--	--	--	--	--	--
V-6	03/27/1992	15.5	< 1	--	--	--	< 0.005	**0.007**	< 0.005	< 0.005	--	--	--	--	--	--	--	--	--	--	--
V-6	03/27/1992	25.5	< 1	--	--	--	**0.019**	**0.048**	**0.009**	**0.043**	--	--	--	--	--	--	--	--	--	--	--
V-6	03/27/1992	40.5	< 1	--	--	--	< 0.005	< 0.005	< 0.005	< 0.005	--	--	--	--	--	--	--	--	--	--	--
V-6	03/27/1992	55.5	< 1	--	--	--	**0.1**	**0.052**	**0.01**	**0.07**	--	--	--	--	--	--	--	--	--	--	--
V-6	03/27/1992	61.7	< 1	--	--	--	**0.017**	< 0.005	< 0.005	< 0.005	--	--	--	--	--	--	--	--	--	--	--
V-6	03/27/1992	70.5	< 1	--	--	--	< 0.005	< 0.005	< 0.005	< 0.005	--	--	--	--	--	--	--	--	--	--	--
V-7	07/22/1992	5	< 1	--	--	--	< 0.005	< 0.005	< 0.005	< 0.005	--	--	--	--	--	--	--	--	--	--	--
V-7	07/22/1992	15	< 1	--	--	--	**0.09**	**0.1**	**0.016**	**0.082**	--	--	--	--	--	--	--	--	--	--	--
V-7	07/22/1992	25	**590**	--	--	--	**2.2**	**28**	**16**	**93**	--	--	--	--	--	--	--	--	--	--	--
V-7	07/22/1992	34.5	< 1	--	--	--	**0.017**	**0.038**	< 0.005	< 0.005	--	--	--	--	--	--	--	--	--	--	--
V-7	07/22/1992	45	< 1	--	--	--	< 0.005	< 0.005	< 0.005	< 0.005	--	--	--	--	--	--	--	--	--	--	--
V-7	07/22/1992	55	< 1	--	--	--	< 0.005	< 0.005	< 0.005	< 0.005	--	--	--	--	--	--	--	--	--	--	--
V-7	07/22/1992	60	< 1	--	--	--	**0.022**	< 0.005	< 0.005	< 0.005	--	--	--	--	--	--	--	--	--	--	--
V-7	07/22/1992	75	< 1	--	--	--	< 0.005	< 0.005	< 0.005	< 0.005	--	--	--	--	--	--	--	--	--	--	--
V-7	07/22/1992	84.5	< 1	--	--	--	< 0.005	< 0.005	< 0.005	< 0.005	--	--	--	--	--	--	--	--	--	--	--
V-8	05/19/1993	10.5	< 1	--	--	--	< 0.005	< 0.005	< 0.005	< 0.005	--	--	--	--	--	--	--	--	--	--	--
V-8	05/19/1993	21.5	**5,200**	--	--	--	**56**	**230**	**71**	**480**	--	--	--	--	--	--	--	--	--	--	--
V-8	05/19/1993	31.5	**3.2**	--	--	--	**0.21**	**0.31**	**0.043**	**0.33**	--	--	--	--	--	--	--	--	--	--	--
V-8	05/19/1993	40.5	< 1	--	--	--	< 0.005	< 0.005	< 0.005	**0.008**	--	--	--	--	--	--	--	--	--	--	--
V-8	05/19/1993	50.5	< 1	--	--	--	< 0.005	**0.016**	< 0.005	**0.043**	--	--	--	--	--	--	--	--	--	--	--
V-8	05/19/1993	55.5	< 1	--	--	--	< 0.005	< 0.005	< 0.005	**0.028**	--	--	--	--	--	--	--	--	--	--	--
V-8	05/19/1993	59.5	< 1	--	--	--	**0.009**	< 0.005	< 0.005	< 0.005	--	--	--	--	--	--	--	--	--	--	--
V-8	05/19/1993	65.5	< 1	--	--	--	**0.011**	**0.017**	< 0.005	< 0.005	--	--	--	--	--	--	--	--	--	--	--
V-8	05/19/1993	70.5	< 1	--	--	--	**0.013**	**0.01**	< 0.005	< 0.005	--	--	--	--	--	--	--	--	--	--	--
V-8	05/19/1993	76.5	< 1	--	--	--	< 0.005	< 0.005	< 0.005	< 0.005	--	--	--	--	--	--	--	--	--	--	--
V-8	05/19/1993	80.5	< 1	--	--	--	< 0.005	< 0.005	< 0.005	< 0.005	--	--	--	--	--	--	--	--	--	--	--
V-9	06/27/2011	20	**2,000**	--	< 25	--	**1.5**	**3**	**8.6**	**64**	**7.4**	< 1	< 1	< 1	< 5	< 0.5	< 0.5	--	**610**	--	--
V-9	06/27/2011	25	**15,000**	--	< 25	--	**23**	**590**	**210**	**1,400**	**210**	< 10	< 10	< 10	< 50	< 5	< 5	--	**5,500**	--	--
V-9	06/27/2011	30	**780**	--	< 25	--	**0.87**	**20**	**9.5**	**66**	**96**	< 0.8	< 0.8	< 0.8	< 4	< 0.4	< 0.4	--	**79**	--	--
V-9	06/27/2011	35	< 0.5	--	< 25	--	< 0.1	< 0.1	< 0.1	**0.13**	**13**	< 0.2	< 0.2	< 0.2	**2.2**	< 0.1	< 0.1	--	< 5.0	--	--
V-9	06/27/2011	40	**0.75**	--	< 25	--	< 0.1	< 0.1	< 0.1	< 0.1	**15**	< 0.2	< 0.2	< 0.2	< 1	< 0.1	< 0.1	--	< 5.0	--	--

TABLE 2a
Historical Soil Analytical Data
ARCO Service Station No. 465
151 Southgate Avenue
Daly City, CA

Sample I.D.	Date	Depth (ft bgs)	GRO (mg/kg)	DRO (mg/kg)	ORO (mg/kg)	Total TPH (mg/kg)	Benzene (mg/kg)	Toluene (mg/kg)	Ethylbenzene (mg/kg)	Xylene (Total) (mg/kg)	MTBE (SW8260B) (mg/kg)	DIPE (mg/kg)	ETBE (mg/kg)	TAME (mg/kg)	TBA (mg/kg)	1,2-DCA (mg/kg)	EDB (mg/kg)	Naphthalene (mg/kg)	Stoddard Solvent (mg/kg)	Oil and Grease (mg/kg)	Jet Fuel (mg/kg)
V-10	06/29/2011	20	**5**	--	< 25	--	< 0.1	**0.66**	**0.15**	**1.1**	**17**	< 0.2	< 0.2	< 0.2	**3.5**	< 0.1	< 0.1	--	< 5.0	--	--
V-10	06/29/2011	35	**1,200**	--	< 25	--	< 0.5	**20**	**12**	**110**	**41**	< 1	< 1	< 1	< 5	< 0.5	< 0.5	--	**160**	--	--
V-11	12/12/2014	10	< 0.39	--	--	--	< 0.0019	< 0.0019	< 0.0019	< 0.0039	< 0.0049	< 0.0049	< 0.0049	< 0.0049	< 0.097	< 0.0019	< 0.0019	--	--	--	--
V-11	12/12/2014	20	< 0.4	--	--	--	< 0.002	< 0.002	< 0.002	< 0.004	< 0.005	< 0.005	< 0.005	< 0.005	< 0.1	< 0.002	< 0.002	--	--	--	--
V-11	12/12/2014	30	< 0.4	--	--	--	< 0.0019	< 0.0019	< 0.0019	< 0.0038	< 0.0048	< 0.0048	< 0.0048	< 0.0048	**0.18**	< 0.0019	< 0.0019	--	--	--	--
V-11	12/12/2014	40	< 0.38	--	--	--	< 0.002	< 0.002	< 0.002	< 0.004	< 0.005	< 0.005	< 0.005	< 0.005	**0.34**	< 0.002	< 0.002	--	--	--	--
V-11	12/12/2014	50	< 0.4	--	--	--	< 0.0019	< 0.0019	< 0.0019	< 0.0038	< 0.0047	< 0.0047	< 0.0047	< 0.0047	< 0.095	< 0.0019	< 0.0019	--	--	--	--
V-11	12/12/2014	60	< 0.4	--	--	--	< 0.0039	< 0.0039	< 0.0039	< 0.0078	**0.25**	< 0.0098	< 0.0098	< 0.0098	**4.6**	< 0.0039	< 0.0039	--	--	--	--
V-11	12/12/2014	63	**0.43**	--	--	--	< 1	< 1	< 1	< 2	**49**	< 2.5	< 2.5	< 2.5	< 50	< 1	< 1	--	--	--	--
V-11	12/12/2014	70	< 0.39	--	--	--	< 0.0095	< 0.0095	< 0.0095	< 0.019	**2.1**	< 0.024	< 0.024	< 0.024	< 0.48	< 0.0095	< 0.0095	--	--	--	--
V-11	12/12/2014	80	< 0.38	--	--	--	< 0.0097	< 0.0097	< 0.0097	< 0.019	**1.1**	< 0.024	< 0.024	< 0.024	< 0.49	< 0.0097	< 0.0097	--	--	--	--
V-11	12/12/2014	90	< 0.39	--	--	--	< 0.004	< 0.004	< 0.004	< 0.0079	**0.26**	< 0.0099	< 0.0099	< 0.0099	< 0.2	< 0.004	< 0.004	--	--	--	--
V-11	12/12/2014	100	< 0.38	--	--	--	< 0.002	< 0.002	< 0.002	< 0.004	**0.014**	< 0.005	< 0.005	< 0.005	< 0.1	< 0.002	< 0.002	--	--	--	--
V-11	12/12/2014	110	< 0.38	--	--	--	< 0.002	< 0.002	< 0.002	< 0.004	**0.025**	< 0.005	< 0.005	< 0.005	< 0.099	< 0.002	< 0.002	--	--	--	--
V-11	12/12/2014	121	< 0.39	--	--	--	< 0.002	< 0.002	< 0.002	< 0.004	**0.018**	< 0.005	< 0.005	< 0.005	< 0.1	< 0.002	< 0.002	--	--	--	--
V-12	10/07/2015	5	< 0.4	--	--	--	< 0.002	< 0.002	< 0.002	< 0.004	< 0.005	< 0.005	< 0.005	< 0.005	< 0.1	< 0.002	< 0.002	--	--	--	--
V-13	10/08/2015	5	< 0.4	--	--	--	< 0.002	< 0.002	< 0.002	< 0.004	< 0.005	< 0.005	< 0.005	< 0.005	< 0.1	< 0.002	< 0.002	--	--	--	--
V-13	10/13/2015	20	**0.46**	--	--	--	< 0.002	< 0.002	< 0.002	< 0.004	**0.02**	< 0.005	< 0.005	< 0.005	< 0.1	< 0.002	< 0.002	--	--	--	--
V-13	10/13/2015	40	< 0.4	--	--	--	< 0.002	**0.0028**	< 0.002	**0.0075**	**0.051**	< 0.005	< 0.005	< 0.005	< 0.099	< 0.002	< 0.002	--	--	--	--
V-13	10/13/2015	60	< 0.4	--	--	--	< 0.01	< 0.01	< 0.01	< 0.02	**2.4**	< 0.025	< 0.025	< 0.025	**1.5**	< 0.01	< 0.01	--	--	--	--
V-13	10/13/2015	65	< 1.9	--	--	--	< 0.0095	< 0.0095	< 0.0095	< 0.019	**14**	< 0.024	< 0.024	< 0.024	**26**	< 0.0095	< 0.0095	--	--	--	--
V-13	10/13/2015	70	< 1.1	--	--	--	< 0.0095	< 0.0095	< 0.0095	< 0.019	**1.6**	< 0.024	< 0.019	< 0.019	**1.6**	< 0.0095	< 0.0095	--	--	--	--
V-13	10/13/2015	80	< 2	--	--	--	< 0.0096	< 0.0096	< 0.0096	< 0.019	**0.7**	< 0.024	< 0.021	< 0.021	**0.6**	< 0.0096	< 0.0096	--	--	--	--
V-13	10/13/2015	90	< 0.4	--	--	--	< 0.002	< 0.002	< 0.002	< 0.004	**0.22**	< 0.005	< 0.005	< 0.005	< 0.1	< 0.002	< 0.002	--	--	--	--
V-14	05/10/2016	66	< 0.4	--	--	--	< 0.002	< 0.002	< 0.002	< 0.004	< 0.005	< 0.005	< 0.005	< 0.005	< 0.1	< 0.002	< 0.002	--	--	--	--
V-14	05/10/2016	76	< 0.4	--	--	--	< 0.002	< 0.002	< 0.002	< 0.004	**0.21**	< 0.005	< 0.005	< 0.005	< 0.099	< 0.002	< 0.002	--	--	--	--
V-14	05/10/2016	86	< 0.4	--	--	--	< 0.0096	< 0.0096	< 0.0096	< 0.019	**2.7**	< 0.024	< 0.024	< 0.024	**1.2**	< 0.0096	< 0.0096	--	--	--	--

TABLE 2a
Historical Soil Analytical Data
ARCO Service Station No. 465
151 Southgate Avenue
Daly City, CA

Sample I.D.	Date	Depth (ft bgs)	GRO (mg/kg)	DRO (mg/kg)	ORO (mg/kg)	Total TPH (mg/kg)	Benzene (mg/kg)	Toluene (mg/kg)	Ethylbenzene (mg/kg)	Xylene (Total) (mg/kg)	MTBE (SW8260B) (mg/kg)	DIPE (mg/kg)	ETBE (mg/kg)	TAME (mg/kg)	TBA (mg/kg)	1,2-DCA (mg/kg)	EDB (mg/kg)	Naphthalene (mg/kg)	Stoddard Solvent (mg/kg)	Oil and Grease (mg/kg)	Jet Fuel (mg/kg)

Notes:
ft bgs = feet below ground surface
mg/kg = milligrams/kilograms
-- = Not analyzed
< = Analyte was not detected above the specified reporting limit
-- = No Information Available
Results in **bold** exceed the reporting detection limit
GRO = Gasoline range organics
DRO = Diesel range organics
ORO = Oil range organics
TPH = Total recoverable petroleum hydrocarbons
MTBE = Methyl tertiary butly ether
DIPE = Diisopropyl ether
ETBE = Ethyl-tert-butyl ether
TAME = tert-Amylmethyl ether
TBA = tertiary-Butyl Alcohol
1,2-DCA = 1,2-Dichloroethane
EDB = 1,2-Dibromoethane
1) Soil analyzed by EPA Method 8260B was taken from unpreserved soil jars
2) Sample analyzed out of hold for EPA Method 8260B
LQ = LCS/LCSD recovery above method control lim
MTBE (CALUFT) and Ethanol not analyzed
BU = Samples analyzed after hold time expired.
EY = Result exceeds normal dynamic range; reported as a min. est.
GR = Internal Standard out of range
a = Hydrocarbon pattern is present in the requested fuel quantitation range but does not resemble the pattern of the requested fuel.
b = Chromatogram Pattern: Gasoline C6-C10
c = Chromatogram Pattern: Unidentified Hydrocarbons C6-C10
d = The closing calibration was outside acceptance limits by -20%. This should be considered in evaluating the result. The average % difference for all analytes met the 15% requirement and the QC suggests that calibration linearily is not a factor.
^ = Confirmed by EPA Method 8260B measured 11/30/01 other values measured 11/29/01.
M1 = The Method Reporting Limit (MRL) was elevated due to matrix interferences.
A= The sample contained 13,000 mg/kg heavy oil
B=The sample contained 2,300 mg/kg heavy oil
C=The sample contained 380 mg/kg heavy oil
D=The sample contained 220 mg/kg heavy oil
E=The sample contained 430 mg/kg heavy oil
F=The sample contained 63 mg/kg heavy oil
G=Sample contains higher boiling point hydrocarbon mixture quantitated as gasoline. The chromatogram did not match the typical gasoline footprint.
H = MTBE analysis performed using EPA Method 8020

TABLE 2b
Soil SVOC Analytical Data
ARCO Service Station No. 465
151 Southgate Avenue
Daly City, CA

Sample I.D.	Date	Depth (ft bgs)	Acenaphthene (mg/kg)	Acenaphthylene (mg/kg)	Anthracene (mg/kg)	Benzo(a)anthracene (mg/kg)	Benzo(a)pyrene (mg/kg)	Benzo(b)fluoranthene (mg/kg)	Benzo(g,h,i)perylene (mg/kg)	Benzo(k)fluoranthene (mg/kg)	Chrysene (mg/kg)	Fluoranthene (mg/kg)
CSB-6	01/20/1998	5	--	--	--	--	--	--	--	--	--	--
CSB-6	01/20/1998	15	--	--	--	--	--	--	--	--	--	--
CSB-6	01/20/1998	29.5	--	--	--	--	--	--	--	--	--	--
CSB-6	01/20/1998	34.5	--	--	--	--	--	--	--	--	--	--
CSB-6	01/20/1998	44	--	--	--	--	--	--	--	--	--	--
CSB-6	01/20/1998	54.5	--	--	--	--	--	--	--	--	--	--
SB-2	07/18/2005	6.5	--	--	--	--	--	--	--	--	--	--
SB-2	07/18/2005	10.5	--	--	--	--	--	--	--	--	--	--
SB-2	07/18/2005	15.5	--	--	--	--	--	--	--	--	--	--
SB-2	07/18/2005	20.5	--	--	--	--	--	--	--	--	--	--
SB-2	07/18/2005	25.5	--	--	--	--	--	--	--	--	--	--
SB-2	07/18/2005	30.5	--	--	--	--	--	--	--	--	--	--
SB-2	07/18/2005	35.5	--	--	--	--	--	--	--	--	--	--
SB-2	07/18/2005	40.5	--	--	--	--	--	--	--	--	--	--
SB-2	07/18/2005	45.5	--	--	--	--	--	--	--	--	--	--
SB-2	07/18/2005	50.5	--	--	--	--	--	--	--	--	--	--
SB-2	07/18/2005	56.5	--	--	--	--	--	--	--	--	--	--
SB-2	07/18/2005	59.5	--	--	--	--	--	--	--	--	--	--
SB-2	07/18/2005	66.5	--	--	--	--	--	--	--	--	--	--
SB-2	07/18/2005	71.5	--	--	--	--	--	--	--	--	--	--
SB-3	07/18/2005	7.5	--	--	--	--	--	--	--	--	--	--
SB-3	07/18/2005	11.5	--	--	--	--	--	--	--	--	--	--
SB-3	07/18/2005	15.5	--	--	--	--	--	--	--	--	--	--
SB-3	07/18/2005	20.5	--	--	--	--	--	--	--	--	--	--
SB-3	07/18/2005	25.5	--	--	--	--	--	--	--	--	--	--
SB-3	07/18/2005	30.5	--	--	--	--	--	--	--	--	--	--
SB-3	07/18/2005	36.5	--	--	--	--	--	--	--	--	--	--
SB-3	07/18/2005	40.5	--	--	--	--	--	--	--	--	--	--
SB-3	07/18/2005	45.5	--	--	--	--	--	--	--	--	--	--
SB-3	07/18/2005	50.5	--	--	--	--	--	--	--	--	--	--
SB-3	07/18/2005	55.5	--	--	--	--	--	--	--	--	--	--
SB-3	07/18/2005	60.5	--	--	--	--	--	--	--	--	--	--
SB-3	07/18/2005	61.5	--	--	--	--	--	--	--	--	--	--
SB-3	07/18/2005	64.5	--	--	--	--	--	--	--	--	--	--
SB-3	07/18/2005	71.5	--	--	--	--	--	--	--	--	--	--
SB-3	07/18/2005	75.5	--	--	--	--	--	--	--	--	--	--
SB-3	07/18/2005	81.5	--	--	--	--	--	--	--	--	--	--
SB-21	10/08/2015	3	--	--	--	--	--	--	--	--	--	--
SB-21	10/08/2015	5	--	--	--	--	--	--	--	--	--	--
SB-21	10/29/2015	10	--	--	--	--	--	--	--	--	--	--
SB-21	10/29/2015	15	--	--	--	--	--	--	--	--	--	--
SB-21	10/29/2015	25	--	--	--	--	--	--	--	--	--	--
SB-21	10/29/2015	35	--	--	--	--	--	--	--	--	--	--
SB-21	10/29/2015	40	--	--	--	--	--	--	--	--	--	--
SB-22	10/08/2015	3	--	--	--	--	--	--	--	--	--	--
SB-22	10/08/2015	5	--	--	--	--	--	--	--	--	--	--
SB-22	10/29/2015	10	--	--	--	--	--	--	--	--	--	--
SB-22	10/29/2015	15	--	--	--	--	--	--	--	--	--	--
SB-22	10/29/2015	25	--	--	--	--	--	--	--	--	--	--
SB-22	10/29/2015	35	--	--	--	--	--	--	--	--	--	--

TABLE 2b
Soil SVOC Analytical Data
ARCO Service Station No. 465
151 Southgate Avenue
Daly City, CA

Sample I.D.	Date	Depth (ft bgs)	Fluorene (mg/kg)	Phenanthrene (mg/kg)	Pyrene (mg/kg)	Bromobenzene (mg/kg)	Bromodichloromethane (mg/kg)	Bromoform (mg/kg)	Bromomethane (mg/kg)	sec-Butylbenzene (mg/kg)	tert-Butylbenzene (mg/kg)	n-Butylbenzene (mg/kg)
CSB-6	01/20/1998	5	--	--	--	--	< 0.25, M1	< 0.25, M1	< 0.25, M1	--	--	--
CSB-6	01/20/1998	15	--	--	--	--	< 0.25, M1	< 0.25, M1	< 0.25, M1	--	--	--
CSB-6	01/20/1998	29.5	--	--	--	--	< 0.05	< 0.05	< 0.05	--	--	--
CSB-6	01/20/1998	34.5	--	--	--	--	< 0.05	< 0.05	< 0.05	--	--	--
CSB-6	01/20/1998	44	--	--	--	--	< 0.05	< 0.05	< 0.05	--	--	--
CSB-6	01/20/1998	54.5	--	--	--	--	< 0.05	< 0.05	< 0.05	--	--	--
SB-2	07/18/2005	6.5	--	--	--	< 0.005, BU	< 0.005, BU	< 0.005, BU	< 0.005, BU	< 0.005, BU	< 0.005, BU	< 0.005, BU
SB-2	07/18/2005	10.5	--	--	--	< 0.005, BU	< 0.005, BU	< 0.005, BU	< 0.005, BU	< 0.005, BU	< 0.005, BU	< 0.005, BU
SB-2	07/18/2005	15.5	--	--	--	< 0.005, BU	< 0.005, BU	< 0.005, BU	< 0.005, BU	< 0.005, BU	< 0.005, BU	< 0.005, BU
SB-2	07/18/2005	20.5	--	--	--	< 0.005, BU	< 0.005, BU	< 0.005, BU	< 0.005, BU	< 0.005, BU	< 0.005, BU	< 0.005, BU
SB-2	07/18/2005	25.5	--	--	--	< 0.005, BU	< 0.005, BU	< 0.005, BU	< 0.005, BU	< 0.005, BU	< 0.005, BU	< 0.005, BU
SB-2	07/18/2005	30.5	--	--	--	< 0.05	< 0.05	< 0.05	< 0.2	< 0.05	< 0.05	< 0.05
SB-2	07/18/2005	35.5	--	--	--	< 0.05	< 0.05	< 0.05	< 0.2	< 0.05	< 0.05	< 0.05
SB-2	07/18/2005	40.5	--	--	--	< 0.05	< 0.05	< 0.05	< 0.2	< 0.05	< 0.05	< 0.05
SB-2	07/18/2005	45.5	--	--	--	< 0.05	< 0.05	< 0.05	< 0.2	< 0.05	< 0.05	< 0.05
SB-2	07/18/2005	50.5	--	--	--	< 0.05	< 0.05	< 0.05	< 0.2	< 0.05	< 0.05	< 0.05
SB-2	07/18/2005	56.5	--	--	--	< 0.05	< 0.05	< 0.05	< 0.2	< 0.05	< 0.05	< 0.05
SB-2	07/18/2005	59.5	--	--	--	< 0.05	< 0.05	< 0.05	< 0.2	< 0.05	< 0.05	< 0.05
SB-2	07/18/2005	66.5	--	--	--	< 0.05	< 0.05	< 0.05	< 0.2	< 0.05	< 0.05	< 0.05
SB-2	07/18/2005	71.5	--	--	--	< 0.05	< 0.05	< 0.05	< 0.2	< 0.05	< 0.05	< 0.05
SB-3	07/18/2005	7.5	--	--	--	< 0.005, BU	< 0.005, BU	< 0.005, BU	< 0.005, BU	< 0.005, BU	< 0.005, BU	< 0.005, BU
SB-3	07/18/2005	11.5	--	--	--	< 0.01,BU,BH	< 0.01,BU,BH	< 0.01,BU,BH	< 0.01,BU,BH	< 0.01,BU,BH	< 0.01,BU,BH	< 0.01,BU,BH
SB-3	07/18/2005	15.5	--	--	--	< 0.01,BU,BH	< 0.01,BU,BH	< 0.01,BU,BH	< 0.01,BU,BH	< 0.01,BU,BH	< 0.01,BU,BH	< 0.01,BU,BH
SB-3	07/18/2005	20.5	--	--	--	< 0.05	< 0.05	< 0.05	< 0.2	< 0.05	< 0.05	**0.12**
SB-3	07/18/2005	25.5	--	--	--	< 0.05	< 0.05	< 0.05	< 0.2	< 0.05	< 0.05	**2.2**
SB-3	07/18/2005	30.5	--	--	--	< 0.05	< 0.05	< 0.05	< 0.2	< 0.05	< 0.05	< 0.05
SB-3	07/18/2005	36.5	--	--	--	< 0.05	< 0.05	< 0.05	< 0.2	< 0.05	< 0.05	< 0.05
SB-3	07/18/2005	40.5	--	--	--	< 0.25	< 0.25	< 0.25	< 1	< 0.25	< 0.25	< 0.25
SB-3	07/18/2005	45.5	--	--	--	< 0.05	< 0.05	< 0.05	< 0.2	< 0.05	< 0.05	< 0.05
SB-3	07/18/2005	50.5	--	--	--	< 0.05	< 0.05	< 0.05	< 0.2	< 0.05	< 0.05	< 0.05
SB-3	07/18/2005	55.5	--	--	--	< 0.05	< 0.05	< 0.05	< 0.2	< 0.05	< 0.05	< 0.05
SB-3	07/18/2005	60.5	--	--	--	< 0.05	< 0.05	< 0.05	< 0.2	< 0.05	< 0.05	< 0.05
SB-3	07/18/2005	61.5	--	--	--	< 0.05	< 0.05	< 0.05	< 0.2	< 0.05	< 0.05	< 0.05
SB-3	07/18/2005	64.5	--	--	--	< 0.005, BU	< 0.005, BU	< 0.005, BU	< 0.005, BU	< 0.005, BU	< 0.005, BU	< 0.005, BU
SB-3	07/18/2005	71.5	--	--	--	< 0.005, BU	< 0.005, BU	< 0.005, BU	< 0.005, BU	< 0.005, BU	< 0.005, BU	< 0.005, BU
SB-3	07/18/2005	75.5	--	--	--	< 0.005, BU	< 0.005, BU	< 0.005, BU	< 0.005, BU	< 0.005, BU	< 0.005, BU	< 0.005, BU
SB-3	07/18/2005	81.5	--	--	--	< 0.005, BU	< 0.005, BU	< 0.005, BU	< 0.005, BU	< 0.005, BU	< 0.005, BU	< 0.005, BU
SB-21	10/08/2015	3	--	--	--	< 0.25	< 0.1	< 0.25	< 0.25	**0.34**	< 0.25	**1.2**
SB-21	10/08/2015	5	--	--	--	< 0.025	< 0.01	< 0.025	< 0.025	< 0.025	< 0.025	< 0.025
SB-21	10/29/2015	10	--	--	--	< 0.005	< 0.002	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
SB-21	10/29/2015	15	--	--	--	< 0.005	< 0.002	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
SB-21	10/29/2015	25	--	--	--	< 0.25	< 0.1	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25
SB-21	10/29/2015	35	--	--	--	< 0.0049	< 0.002	< 0.0049	< 0.0049	< 0.0049	< 0.0049	< 0.0049
SB-21	10/29/2015	40	--	--	--	< 0.0049	< 0.002	< 0.0049	< 0.0049	< 0.0049	< 0.0049	< 0.0049
SB-22	10/08/2015	3	--	--	--	< 0.25	< 0.1	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25
SB-22	10/08/2015	5	--	--	--	< 0.02	< 0.0079	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02
SB-22	10/29/2015	10	--	--	--	< 0.014	< 0.0057	< 0.014	< 0.014	< 0.014	< 0.014	< 0.014
SB-22	10/29/2015	15	--	--	--	< 0.0049	< 0.002	< 0.0049	< 0.0049	< 0.0049	< 0.0049	< 0.0049
SB-22	10/29/2015	25	--	--	--	< 1.2	< 0.5	< 1.2	< 1.2	< 1.2	< 1.2	**3.6**
SB-22	10/29/2015	35	--	--	--	< 0.005	< 0.002	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005

TABLE 2b
Soil SVOC Analytical Data
ARCO Service Station No. 465
151 Southgate Avenue
Daly City, CA

Sample I.D.	Date	Depth (ft bgs)	Carbon tetrachloride (mg/kg)	Chlorobenzene (mg/kg)	Chloroethane (mg/kg)	Chloroform (mg/kg)	Chloromethane (mg/kg)	4-Chlorotoluene (mg/kg)	2-Chlorotoluene (mg/kg)	1,2-Dibromo-3-chloropropane (mg/kg)	Dibromochloromethane (mg/kg)	Dibromomethane (mg/kg)
CSB-6	01/20/1998	5	< 0.25, M1	< 0.25, M1	< 0.25, M1	< 0.25, M1	< 0.25, M1	--	--	--	< 0.25, M1	--
CSB-6	01/20/1998	15	< 0.25, M1	< 0.25, M1	< 0.25, M1	< 0.025, M1	< 0.25, M1	--	--	--	< 0.25, M1	--
CSB-6	01/20/1998	29.5	--	< 0.05	< 0.05	< 0.05	< 0.1	--	--	--	< 0.05	--
CSB-6	01/20/1998	34.5	--	< 0.05	< 0.05	< 0.05	< 0.1	--	--	--	< 0.05	--
CSB-6	01/20/1998	44	--	< 0.05	< 0.05	< 0.05	< 0.1	--	--	--	< 0.05	--
CSB-6	01/20/1998	54.5	--	< 0.05	< 0.05	< 0.05	< 0.1	--	--	--	< 0.05	--
SB-2	07/18/2005	6.5	< 0.005, BU	< 0.005, BU	< 0.005, BU	< 0.005, BU	< 0.005, BU	< 0.005, BU	< 0.005, BU	< 0.005, BU	< 0.005, BU	< 0.005, BU
SB-2	07/18/2005	10.5	< 0.005, BU	< 0.005, BU	< 0.005, BU	< 0.005, BU	< 0.005, BU	< 0.005, BU	< 0.005, BU	< 0.005, BU	< 0.005, BU	< 0.005, BU
SB-2	07/18/2005	15.5	< 0.005, BU	< 0.005, BU	< 0.005, BU	< 0.005, BU	< 0.005, BU	< 0.005, BU	< 0.005, BU	< 0.005, BU	< 0.005, BU	< 0.005, BU
SB-2	07/18/2005	20.5	< 0.005, BU	< 0.005, BU	< 0.005, BU	< 0.005, BU	< 0.005, BU	< 0.005, BU	< 0.005, BU	< 0.005, BU	< 0.005, BU	< 0.005, BU
SB-2	07/18/2005	25.5	< 0.005, BU	< 0.005, BU	< 0.005, BU	< 0.005, BU	< 0.005, BU	< 0.005, BU	< 0.005, BU	< 0.005, BU	< 0.005, BU	< 0.005, BU
SB-2	07/18/2005	30.5	< 0.05	< 0.05	< 0.2	< 0.05	< 0.2	< 0.05	< 0.05	< 0.1	< 0.05	< 0.05
SB-2	07/18/2005	35.5	< 0.05	< 0.05	< 0.2	< 0.05	< 0.2	< 0.05	< 0.05	< 0.1	< 0.05	< 0.05
SB-2	07/18/2005	40.5	< 0.05	< 0.05	< 0.2	< 0.05	< 0.2	< 0.05	< 0.05	< 0.1	< 0.05	< 0.05
SB-2	07/18/2005	45.5	< 0.05	< 0.05	< 0.2	< 0.05	< 0.2	< 0.05	< 0.05	< 0.1	< 0.05	< 0.05
SB-2	07/18/2005	50.5	< 0.05	< 0.05	< 0.2	< 0.05	< 0.2	< 0.05	< 0.05	< 0.1	< 0.05	< 0.05
SB-2	07/18/2005	56.5	< 0.05	< 0.05	< 0.2	< 0.05	< 0.2	< 0.05	< 0.05	< 0.1	< 0.05	< 0.05
SB-2	07/18/2005	59.5	< 0.05	< 0.05	< 0.2	< 0.05	< 0.2	< 0.05	< 0.05	< 0.1	< 0.05	< 0.05
SB-2	07/18/2005	66.5	< 0.05	< 0.05	< 0.2	< 0.05	< 0.2	< 0.05	< 0.05	< 0.1	< 0.05	< 0.05
SB-2	07/18/2005	71.5	< 0.05	< 0.05	< 0.2	< 0.05	< 0.2	< 0.05	< 0.05	< 0.1	< 0.05	< 0.05
SB-3	07/18/2005	7.5	< 0.005, BU	< 0.005, BU	< 0.005, BU	< 0.005, BU	< 0.005, BU	< 0.005, BU	< 0.005, BU	< 0.005, BU	< 0.005, BU	< 0.005, BU
SB-3	07/18/2005	11.5	< 0.01,BU,BH	< 0.01,BU,BH	< 0.01,BU,BH	< 0.01,BU,BH	< 0.01,BU,BH	< 0.01,BU,BH	< 0.01,BU,BH	< 0.01,BU,BH	< 0.01,BU,BH	< 0.01,BU,BH
SB-3	07/18/2005	15.5	< 0.01,BU,BH	< 0.01,BU,BH	< 0.01,BU,BH	< 0.01,BU,BH	< 0.01,BU,BH	< 0.01,BU,BH	< 0.01,BU,BH	< 0.01,BU,BH	< 0.01,BU,BH	< 0.01,BU,BH
SB-3	07/18/2005	20.5	< 0.05	< 0.05	< 0.2	< 0.05	< 0.2	< 0.05	< 0.05	< 0.1	< 0.05	< 0.05
SB-3	07/18/2005	25.5	< 0.05	< 0.05	< 0.2	< 0.05	< 0.2	< 0.05	< 0.05	< 0.1	< 0.05	< 0.05
SB-3	07/18/2005	30.5	< 0.05	< 0.05	< 0.2	< 0.05	< 0.2	< 0.05	< 0.05	< 0.1	< 0.05	< 0.05
SB-3	07/18/2005	36.5	< 0.05	< 0.05	< 0.2	< 0.05	< 0.2	< 0.05	< 0.05	< 0.1	< 0.05	< 0.05
SB-3	07/18/2005	40.5	< 0.25	< 0.25	< 1	< 0.25	< 1	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25
SB-3	07/18/2005	45.5	< 0.05	< 0.05	< 0.2	< 0.05	< 0.2	< 0.05	< 0.05	< 0.1	< 0.05	< 0.05
SB-3	07/18/2005	50.5	< 0.05	< 0.05	< 0.2	< 0.05	< 0.2	< 0.05	< 0.05	< 0.1	< 0.05	< 0.05
SB-3	07/18/2005	55.5	< 0.05	< 0.05	< 0.2	< 0.05	< 0.2	< 0.05	< 0.05	< 0.1	< 0.05	< 0.05
SB-3	07/18/2005	60.5	< 0.05	< 0.05	< 0.2	< 0.05	< 0.2	< 0.05	< 0.05	< 0.1	< 0.05	< 0.05
SB-3	07/18/2005	61.5	< 0.05	< 0.05	< 0.2	< 0.05	< 0.2	< 0.05	< 0.05	< 0.1	< 0.05	< 0.05
SB-3	07/18/2005	64.5	< 0.005, BU	< 0.005, BU	< 0.005, BU	< 0.005, BU	< 0.005, BU	< 0.005, BU	< 0.005, BU	< 0.005, BU	< 0.005, BU	< 0.005, BU
SB-3	07/18/2005	71.5	< 0.005, BU	< 0.005, BU	< 0.005, BU	< 0.005, BU	< 0.005, BU	< 0.005, BU	< 0.005, BU	< 0.005, BU	< 0.005, BU	< 0.005, BU
SB-3	07/18/2005	75.5	< 0.005, BU	< 0.005, BU	< 0.005, BU	< 0.005, BU	< 0.005, BU	< 0.005, BU	< 0.005, BU	< 0.005, BU	< 0.005, BU	< 0.005, BU
SB-3	07/18/2005	81.5	< 0.005, BU	< 0.005, BU	< 0.005, BU	< 0.005, BU	< 0.005, BU	< 0.005, BU	< 0.005, BU	< 0.005, BU	< 0.005, BU	< 0.005, BU
SB-21	10/08/2015	3	< 0.25	< 0.1	< 0.25	< 0.1	< 0.25	< 0.25	< 0.25	< 0.25	< 0.1	< 0.1
SB-21	10/08/2015	5	< 0.025	< 0.01	< 0.025	< 0.01	< 0.025	< 0.025	< 0.025	< 0.025	< 0.01	< 0.01
SB-21	10/29/2015	10	< 0.005	< 0.002	< 0.005	< 0.002	< 0.005	< 0.005	< 0.005	< 0.005	< 0.002	< 0.002
SB-21	10/29/2015	15	< 0.005	< 0.002	< 0.005	< 0.002	< 0.005	< 0.005	< 0.005	< 0.005	< 0.002	< 0.002
SB-21	10/29/2015	25	< 0.25	< 0.1	< 0.25	< 0.1	< 0.25	< 0.25	< 0.25	< 0.25	< 0.1	< 0.1
SB-21	10/29/2015	35	< 0.0049	< 0.002	< 0.0049	< 0.002	< 0.0049	< 0.0049	< 0.0049	< 0.0049	< 0.002	< 0.002
SB-21	10/29/2015	40	< 0.0049	< 0.002	< 0.0049	< 0.002	< 0.0049	< 0.0049	< 0.0049	< 0.0049	< 0.002	< 0.002
SB-22	10/08/2015	3	< 0.25	< 0.1	< 0.25	< 0.1	< 0.25	< 0.25	< 0.25	< 0.25	< 0.1	< 0.1
SB-22	10/08/2015	5	< 0.02	< 0.0079	< 0.02	< 0.0079	< 0.02	< 0.02	< 0.02	< 0.02	< 0.0079	< 0.0079
SB-22	10/29/2015	10	< 0.014	< 0.0057	< 0.014	< 0.0057	< 0.014	< 0.014	< 0.014	< 0.014	< 0.0057	< 0.0057
SB-22	10/29/2015	15	< 0.0049	< 0.002	< 0.0049	< 0.002	< 0.0049	< 0.0049	< 0.0049	< 0.0049	< 0.002	< 0.002
SB-22	10/29/2015	25	< 1.2	< 0.5	< 1.2	< 0.5	< 1.2	< 1.2	< 1.2	< 1.2	< 0.5	< 0.5
SB-22	10/29/2015	35	< 0.005	< 0.002	< 0.005	< 0.002	< 0.005	< 0.005	< 0.005	< 0.005	< 0.002	< 0.002

TABLE 2b
Soil SVOC Analytical Data
ARCO Service Station No. 465
151 Southgate Avenue
Daly City, CA

Sample I.D.	Date	Depth (ft bgs)	1,2-Dichlorobenzene (mg/kg)	1,3-Dichlorobenzene (mg/kg)	1,4-Dichlorobenzene (mg/kg)	Dichlorodifluoromethane (mg/kg)	1,1-Dichloroethane (mg/kg)	1,1-Dichloroethylene (mg/kg)	cis-1,2-Dichloroethene (mg/kg)	cis-1,3-Dichloropropene (mg/kg)	trans-1,2-Dichloroethene (mg/kg)	trans-1,3-Dichloropropene (mg/kg)
CSB-6	01/20/1998	5	< 0.25, M1	< 0.25, M1	< 0.25, M1	--	< 0.25, M1	< 0.25, M1	< 0.25, M1	--	< 0.25, M1	--
CSB-6	01/20/1998	15	< 0.25, M1	< 0.25, M1	< 0.25, M1	--	< 0.25, M1	< 0.25, M1	< 0.25, M1	--	< 0.25, M1	--
CSB-6	01/20/1998	29.5	< 0.1	< 0.1	< 0.1	< 0.1	< 0.05	< 0.05	< 0.05	--	< 0.05	--
CSB-6	01/20/1998	34.5	< 0.1	< 0.1	< 0.1	< 0.1	< 0.05	< 0.05	< 0.05	--	< 0.05	--
CSB-6	01/20/1998	44	< 0.1	< 0.1	< 0.1	< 0.1	< 0.05	< 0.05	< 0.05	--	< 0.05	--
CSB-6	01/20/1998	54.5	< 0.1	< 0.1	< 0.1	< 0.1	< 0.05	< 0.05	< 0.05	--	< 0.05	--
SB-2	07/18/2005	6.5	< 0.005, BU	< 0.005, BU	< 0.005, BU	< 0.005, BU	< 0.005, BU	< 0.005, BU	< 0.005, BU	--	< 0.005, BU	--
SB-2	07/18/2005	10.5	< 0.005, BU	< 0.005, BU	< 0.005, BU	< 0.005, BU	< 0.005, BU	< 0.005, BU	< 0.005, BU	--	< 0.005, BU	--
SB-2	07/18/2005	15.5	< 0.005, BU	< 0.005, BU	< 0.005, BU	< 0.005, BU	< 0.005, BU	< 0.005, BU	< 0.005, BU	--	< 0.005, BU	--
SB-2	07/18/2005	20.5	< 0.005, BU	< 0.005, BU	< 0.005, BU	< 0.005, BU	< 0.005, BU	< 0.005, BU	< 0.005, BU	--	< 0.005, BU	--
SB-2	07/18/2005	25.5	< 0.005, BU	< 0.005, BU	< 0.005, BU	< 0.005, BU	< 0.005, BU	< 0.005, BU	< 0.005, BU	--	< 0.005, BU	--
SB-2	07/18/2005	30.5	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	--	< 0.05	--
SB-2	07/18/2005	35.5	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	--	< 0.05	--
SB-2	07/18/2005	40.5	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	--	< 0.05	--
SB-2	07/18/2005	45.5	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	--	< 0.05	--
SB-2	07/18/2005	50.5	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	--	< 0.05	--
SB-2	07/18/2005	56.5	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	--	< 0.05	--
SB-2	07/18/2005	59.5	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	--	< 0.05	--
SB-2	07/18/2005	66.5	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	--	< 0.05	--
SB-2	07/18/2005	71.5	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	--	< 0.05	--
SB-3	07/18/2005	7.5	< 0.005, BU	< 0.005, BU	< 0.005, BU	< 0.005, BU	< 0.005, BU	< 0.005, BU	< 0.005, BU	--	< 0.005, BU	--
SB-3	07/18/2005	11.5	< 0.01,BU,BH	< 0.01,BU,BH	< 0.01,BU,BH	< 0.01,BU,BH	< 0.01,BU,BH	< 0.01,BU,BH	< 0.01,BU,BH	--	< 0.01,BU,BH	--
SB-3	07/18/2005	15.5	< 0.01,BU,BH	< 0.01,BU,BH	< 0.01,BU,BH	< 0.01,BU,BH	< 0.01,BU,BH	< 0.01,BU,BH	< 0.01,BU,BH	--	< 0.01,BU,BH	--
SB-3	07/18/2005	20.5	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	--	< 0.05	--
SB-3	07/18/2005	25.5	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	--	< 0.05	--
SB-3	07/18/2005	30.5	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	--	< 0.05	--
SB-3	07/18/2005	36.5	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	--	< 0.05	--
SB-3	07/18/2005	40.5	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	--	< 0.25	--
SB-3	07/18/2005	45.5	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	Bah.	< 0.05	--
SB-3	07/18/2005	50.5	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	--	< 0.05	--
SB-3	07/18/2005	55.5	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	--	< 0.05	--
SB-3	07/18/2005	60.5	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	--	< 0.05	--
SB-3	07/18/2005	61.5	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	--	< 0.05	--
SB-3	07/18/2005	64.5	< 0.005, BU	< 0.005, BU	< 0.005, BU	< 0.005, BU	< 0.005, BU	< 0.005, BU	< 0.005, BU	--	< 0.005, BU	--
SB-3	07/18/2005	71.5	< 0.005, BU	< 0.005, BU	< 0.005, BU	< 0.005, BU	< 0.005, BU	< 0.005, BU	< 0.005, BU	--	< 0.005, BU	--
SB-3	07/18/2005	75.5	< 0.005, BU	< 0.005, BU	< 0.005, BU	< 0.005, BU	< 0.005, BU	< 0.005, BU	< 0.005, BU	--	< 0.005, BU	--
SB-3	07/18/2005	81.5	< 0.005, BU	< 0.005, BU	< 0.005, BU	< 0.005, BU	< 0.005, BU	< 0.005, BU	< 0.005, BU	--	< 0.005, BU	--
SB-21	10/08/2015	3	< 0.1	< 0.1	< 0.1	< 0.25	< 0.1	< 0.25	< 0.1	< 0.1	< 0.1	< 0.1
SB-21	10/08/2015	5	< 0.01	< 0.01	< 0.01	< 0.025	< 0.01	< 0.025	< 0.01	< 0.01	< 0.01	< 0.01
SB-21	10/29/2015	10	< 0.002	< 0.002	< 0.002	< 0.005	< 0.002	< 0.005	< 0.002	< 0.002	< 0.002	< 0.002
SB-21	10/29/2015	15	< 0.002	< 0.002	< 0.002	< 0.005	< 0.002	< 0.005	< 0.002	< 0.002	< 0.002	< 0.002
SB-21	10/29/2015	25	< 0.1	< 0.1	< 0.1	< 0.25	< 0.25	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
SB-21	10/29/2015	35	< 0.002	< 0.002	< 0.002	< 0.0049	< 0.002	< 0.0049	< 0.002	< 0.002	< 0.002	< 0.002
SB-21	10/29/2015	40	< 0.002	< 0.002	< 0.002	< 0.0049	< 0.002	< 0.0049	< 0.002	< 0.002	< 0.002	< 0.002
SB-22	10/08/2015	3	< 0.1	< 0.1	< 0.1	< 0.25	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
SB-22	10/08/2015	5	< 0.0079	< 0.0079	< 0.0079	< 0.02	< 0.0079	< 0.02	< 0.0079	< 0.0079	< 0.0079	< 0.0079
SB-22	10/29/2015	10	< 0.0057	< 0.0057	< 0.0057	< 0.014	< 0.0057	< 0.014	< 0.0057	< 0.0057	< 0.0057	< 0.0057
SB-22	10/29/2015	15	< 0.002	< 0.002	< 0.002	< 0.0049	< 0.002	< 0.0049	< 0.002	< 0.002	< 0.002	< 0.002
SB-22	10/29/2015	25	< 0.5	< 0.5	< 0.5	< 1.2	< 0.5	< 1.2	< 0.5	< 0.5	< 0.5	< 0.5
SB-22	10/29/2015	35	< 0.002	< 0.002	< 0.002	< 0.005	< 0.002	< 0.005	< 0.002	< 0.002	< 0.002	< 0.002

TABLE 2b
Soil SVOC Analytical Data
ARCO Service Station No. 465
151 Southgate Avenue
Daly City, CA

Sample I.D.	Date	Depth (ft bgs)	1,2-Dichloropropane (mg/kg)	1,3-Dichloropropane (mg/kg)	2,2-Dichloropropane (mg/kg)	1,1-Dichloropropene (mg/kg)	Hexachlorobutadiene (mg/kg)	Isopropylbenzene (mg/kg)	Methylene chloride (mg/kg)	2-Methylnaphthalene (mg/kg)	p-Isopropyltoluene (mg/kg)	n-Propylbenzene (mg/kg)
CSB-6	01/20/1998	5	< 0.25, M1	--	--	--	--	--	< 2.5, M1	**4.4 M1**	--	--
CSB-6	01/20/1998	15	< 0.25, M1	--	--	--	--	--	< 2.5, M1	**2.9 M1**	--	--
CSB-6	01/20/1998	29.5	< 0.05	--	--	--	--	--	< 0.3	--	--	--
CSB-6	01/20/1998	34.5	< 0.05	--	--	--	--	--	< 0.3	--	--	--
CSB-6	01/20/1998	44	< 0.05	--	--	--	--	--	< 0.3	--	--	--
CSB-6	01/20/1998	54.5	< 0.05	--	--	--	--	--	< 0.3	--	--	--
SB-2	07/18/2005	6.5	< 0.005, BU	< 0.005, BU	< 0.005, BU	< 0.005, BU	< 0.005, BU	< 0.005, BU	< 0.005, BU	--	< 0.005, BU	< 0.005, BU
SB-2	07/18/2005	10.5	< 0.005, BU	< 0.005, BU	< 0.005, BU	< 0.005, BU	< 0.005, BU	< 0.005, BU	< 0.005, BU	--	< 0.005, BU	< 0.005, BU
SB-2	07/18/2005	15.5	< 0.005, BU	< 0.005, BU	< 0.005, BU	< 0.005, BU	< 0.005, BU	< 0.005, BU	< 0.005, BU	--	< 0.005, BU	< 0.005, BU
SB-2	07/18/2005	20.5	< 0.005, BU	< 0.005, BU	< 0.005, BU	< 0.005, BU	< 0.005, BU	< 0.005, BU	< 0.005, BU	--	< 0.005, BU	< 0.005, BU
SB-2	07/18/2005	25.5	< 0.005, BU	< 0.005, BU	< 0.005, BU	< 0.005, BU	< 0.005, BU	< 0.005, BU	< 0.005, BU	--	< 0.005, BU	< 0.005, BU
SB-2	07/18/2005	30.5	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	--	< 0.05	< 0.05
SB-2	07/18/2005	35.5	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	--	< 0.05	< 0.05
SB-2	07/18/2005	40.5	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	--	< 0.05	< 0.05
SB-2	07/18/2005	45.5	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	--	< 0.05	< 0.05
SB-2	07/18/2005	50.5	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	--	< 0.05	< 0.05
SB-2	07/18/2005	56.5	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	--	< 0.05	< 0.05
SB-2	07/18/2005	59.5	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	--	< 0.05	< 0.05
SB-2	07/18/2005	66.5	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	--	< 0.05	< 0.05
SB-2	07/18/2005	71.5	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	--	< 0.05	< 0.05
SB-3	07/18/2005	7.5	< 0.005, BU	< 0.005, BU	< 0.005, BU	< 0.005, BU	< 0.005, BU	< 0.005, BU	< 0.005, BU	--	< 0.005, BU	< 0.005, BU
SB-3	07/18/2005	11.5	< 0.01,BU,BH	< 0.01,BU,BH	< 0.01,BU,BH	< 0.01,BU,BH	< 0.01,BU,BH	< 0.01,BU,BH	< 0.01,BU,BH	--	< 0.01,BU,BH	< 0.01,BU,BH
SB-3	07/18/2005	15.5	< 0.01,BU,BH	< 0.01,BU,BH	< 0.01,BU,BH	< 0.01,BU,BH	< 0.01,BU,BH	< 0.01,BU,BH	< 0.01,BU,BH	--	< 0.01,BU,BH	< 0.01,BU,BH
SB-3	07/18/2005	20.5	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	--	< 0.05	< 0.05
SB-3	07/18/2005	25.5	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	--	< 0.05	**1.7**
SB-3	07/18/2005	30.5	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	--	< 0.05	< 0.05
SB-3	07/18/2005	36.5	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	--	< 0.05	< 0.05
SB-3	07/18/2005	40.5	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	--	< 0.25	< 0.25
SB-3	07/18/2005	45.5	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	--	< 0.05	< 0.05
SB-3	07/18/2005	50.5	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	--	< 0.05	< 0.05
SB-3	07/18/2005	55.5	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	--	< 0.05	< 0.05
SB-3	07/18/2005	60.5	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	--	< 0.05	< 0.05
SB-3	07/18/2005	61.5	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	--	< 0.05	< 0.05
SB-3	07/18/2005	64.5	< 0.005, BU	< 0.005, BU	< 0.005, BU	< 0.005, BU	< 0.005, BU	< 0.005, BU	< 0.005, BU	--	< 0.005, BU	< 0.005, BU
SB-3	07/18/2005	71.5	< 0.005, BU	< 0.005, BU	< 0.005, BU	< 0.005, BU	< 0.005, BU	< 0.005, BU	< 0.005, BU	--	< 0.005, BU	< 0.005, BU
SB-3	07/18/2005	75.5	< 0.005, BU	< 0.005, BU	< 0.005, BU	< 0.005, BU	< 0.005, BU	< 0.005, BU	< 0.005, BU	--	< 0.005, BU	< 0.005, BU
SB-3	07/18/2005	81.5	< 0.005, BU	< 0.005, BU	< 0.005, BU	< 0.005, BU	< 0.005, BU	< 0.005, BU	< 0.005, BU	--	< 0.005, BU	< 0.005, BU
SB-21	10/08/2015	3	< 0.1	< 0.1	< 0.2	< 0.1	< 0.25	< 0.1	< 1	--	**1.8**	< 0.1
SB-21	10/08/2015	5	< 0.01	< 0.01	< 0.01	< 0.01	< 0.025	< 0.01	< 0.1	--	< 0.01	< 0.01
SB-21	10/29/2015	10	< 0.002	< 0.002	< 0.002	< 0.002	< 0.005	< 0.002	< 0.02	--	< 0.002	< 0.002
SB-21	10/29/2015	15	< 0.002	< 0.002	< 0.002	< 0.002	< 0.005	< 0.002	< 0.02	--	< 0.002	< 0.002
SB-21	10/29/2015	25	< 0.1	< 0.1	< 0.2	< 0.1	< 0.25	< 0.1	< 1	--	**0.1**	**0.23**
SB-21	10/29/2015	35	< 0.002	< 0.002	< 0.002	< 0.002	< 0.0049	< 0.002	< 0.02	--	< 0.002	< 0.002
SB-21	10/29/2015	40	< 0.002	< 0.002	< 0.002	< 0.002	< 0.0049	< 0.002	< 0.02	--	< 0.002	< 0.002
SB-22	10/08/2015	3	< 0.1	< 0.1	< 0.2	< 0.1	< 0.25	< 0.1	< 1	--	**1.3**	< 0.1
SB-22	10/08/2015	5	< 0.0079	< 0.0079	< 0.0079	< 0.0079	< 0.02	< 0.0079	< 0.079	--	< 0.0079	< 0.0079
SB-22	10/29/2015	10	< 0.0057	< 0.0057	< 0.0057	< 0.0057	< 0.014	< 0.0057	< 0.057	--	< 0.0057	< 0.0057
SB-22	10/29/2015	15	< 0.002	< 0.002	< 0.002	< 0.002	< 0.0049	< 0.002	< 0.02	--	< 0.002	< 0.002
SB-22	10/29/2015	25	< 0.5	< 0.5	< 1	< 0.5	< 1.2	< 0.5	< 5	--	**0.91**	**0.67**
SB-22	10/29/2015	35	< 0.002	< 0.002	< 0.002	< 0.002	< 0.005	< 0.002	< 0.02	--	< 0.002	< 0.002

TABLE 2b

Soil SVOC Analytical Data

ARCO Service Station No. 465

151 Southgate Avenue

Daly City, CA

Sample I.D.	Date	Depth (ft bgs)	Styrene (mg/kg)	1,1,1,2-Tetrachloroethane (mg/kg)	1,1,2,2-Tetrachloroethane (mg/kg)	Tetrachloroethene (mg/kg)	1,2,3-Trichlorobenzene (mg/kg)	1,2,4-Trichlorobenzene (mg/kg)	1,1,2-Trichloroethane (mg/kg)	Trichloroethene (mg/kg)	Trichlorofluoromethane (mg/kg)	1,2,3-Trichloropropane (mg/kg)
CSB-6	01/20/1998	5	< 0.25, M1	--	< 0.25, M1	< 0.25, M1	--	--	< 0.25, M1	< 0.25, M1	< 0.25, M1	--
CSB-6	01/20/1998	15	< 0.25, M1	--	< 0.25, M1	< 0.25, M1	--	--	< 0.25, M1	< 0.25, M1	< 0.25, M1	--
CSB-6	01/20/1998	29.5	--	--	< 0.05	< 0.05	--	--	< 0.05	< 0.05	< 0.05	--
CSB-6	01/20/1998	34.5	--	--	< 0.05	< 0.05	--	--	< 0.05	< 0.05	< 0.05	--
CSB-6	01/20/1998	44	--	--	< 0.05	< 0.05	--	--	< 0.05	< 0.05	< 0.05	--
CSB-6	01/20/1998	54.5	--	--	< 0.05	< 0.05	--	--	< 0.05	< 0.05	< 0.05	--
SB-2	07/18/2005	6.5	< 0.005, BU	< 0.005, BU	< 0.005, BU	< 0.005, BU	< 0.005, BU	< 0.005, BU	< 0.005, BU	< 0.005, BU	< 0.005, BU	< 0.005, BU
SB-2	07/18/2005	10.5	< 0.005, BU	< 0.005, BU	< 0.005, BU	< 0.005, BU	< 0.005, BU	< 0.005, BU	< 0.005, BU	< 0.005, BU	< 0.005, BU	< 0.005, BU
SB-2	07/18/2005	15.5	< 0.005, BU	< 0.005, BU	< 0.005, BU	< 0.005, BU	< 0.005, BU	< 0.005, BU	< 0.005, BU	< 0.005, BU	< 0.005, BU	< 0.005, BU
SB-2	07/18/2005	20.5	< 0.005, BU	< 0.005, BU	< 0.005, BU	< 0.005, BU	< 0.005, BU	< 0.005, BU	< 0.005, BU	< 0.005, BU	< 0.005, BU	< 0.005, BU
SB-2	07/18/2005	25.5	< 0.005, BU	< 0.005, BU	< 0.005, BU	< 0.005, BU	< 0.005, BU	< 0.005, BU	< 0.005, BU	< 0.005, BU	< 0.005, BU	< 0.005, BU
SB-2	07/18/2005	30.5	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.1	< 0.05
SB-2	07/18/2005	35.5	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.1	< 0.05
SB-2	07/18/2005	40.5	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.1	< 0.05
SB-2	07/18/2005	45.5	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.1	< 0.05
SB-2	07/18/2005	50.5	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.1	< 0.05
SB-2	07/18/2005	56.5	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.1	< 0.05
SB-2	07/18/2005	59.5	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.1	< 0.05
SB-2	07/18/2005	66.5	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.1	< 0.05
SB-2	07/18/2005	71.5	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.1	< 0.05
SB-3	07/18/2005	7.5	< 0.005, BU	< 0.005, BU	< 0.005, BU	< 0.005, BU	< 0.005, BU	< 0.005, BU	< 0.005, BU	< 0.005, BU	< 0.005, BU	< 0.005, BU
SB-3	07/18/2005	11.5	< 0.01,BU,BH	< 0.01,BU,BH	< 0.01,BU,BH	< 0.01,BU,BH	< 0.01,BU,BH	< 0.01,BU,BH	< 0.01,BU,BH	< 0.01,BU,BH	< 0.01,BU,BH	< 0.01,BU,BH
SB-3	07/18/2005	15.5	< 0.01,BU,BH	< 0.01,BU,BH	< 0.01,BU,BH	< 0.01,BU,BH	< 0.01,BU,BH	< 0.01,BU,BH	< 0.01,BU,BH	< 0.01,BU,BH	< 0.01,BU,BH	< 0.01,BU,BH
SB-3	07/18/2005	20.5	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.1	< 0.05
SB-3	07/18/2005	25.5	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.1	< 0.05
SB-3	07/18/2005	30.5	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.1	< 0.05
SB-3	07/18/2005	36.5	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.1	< 0.05
SB-3	07/18/2005	40.5	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.5	< 0.25
SB-3	07/18/2005	45.5	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.1	< 0.05
SB-3	07/18/2005	50.5	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.1	< 0.05
SB-3	07/18/2005	55.5	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.1	< 0.05
SB-3	07/18/2005	60.5	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.1	< 0.05
SB-3	07/18/2005	61.5	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.1	< 0.05
SB-3	07/18/2005	64.5	< 0.005, BU	< 0.005, BU	< 0.005, BU	< 0.005, BU	< 0.005, BU	< 0.005, BU	< 0.005, BU	< 0.005, BU	< 0.005, BU	< 0.005, BU
SB-3	07/18/2005	71.5	< 0.005, BU	< 0.005, BU	< 0.005, BU	< 0.005, BU	< 0.005, BU	< 0.005, BU	< 0.005, BU	< 0.005, BU	< 0.005, BU	< 0.005, BU
SB-3	07/18/2005	75.5	< 0.005, BU	< 0.005, BU	< 0.005, BU	< 0.005, BU	< 0.005, BU	< 0.005, BU	< 0.005, BU	< 0.005, BU	< 0.005, BU	< 0.005, BU
SB-3	07/18/2005	81.5	< 0.005, BU	< 0.005, BU	< 0.005, BU	< 0.005, BU	< 0.005, BU	< 0.005, BU	< 0.005, BU	< 0.005, BU	< 0.005, BU	< 0.005, BU
SB-21	10/08/2015	3	< 0.1	< 0.25	< 0.1	< 0.1	< 0.25	< 0.25	< 0.1	< 0.1	< 0.25	< 0.5
SB-21	10/08/2015	5	< 0.01	< 0.025	< 0.01	< 0.01	< 0.025	< 0.025	< 0.01	< 0.01	< 0.025	< 0.05
SB-21	10/29/2015	10	< 0.002	< 0.005	< 0.002	< 0.002	< 0.005	< 0.005	< 0.002	< 0.002	< 0.005	< 0.0099
SB-21	10/29/2015	15	< 0.002	< 0.005	< 0.002	< 0.002	< 0.005	< 0.005	< 0.002	< 0.002	< 0.005	< 0.01
SB-21	10/29/2015	25	< 0.1	< 0.25	< 0.1	< 0.1	< 0.25	< 0.25	< 0.1	< 0.1	< 0.25	< 0.5
SB-21	10/29/2015	35	< 0.002	< 0.0049	< 0.002	< 0.002	< 0.0049	< 0.0049	< 0.002	< 0.002	< 0.0049	< 0.0099
SB-21	10/29/2015	40	< 0.002	< 0.0049	< 0.002	< 0.002	< 0.0049	< 0.0049	< 0.002	< 0.002	< 0.0049	< 0.0098
SB-22	10/08/2015	3	< 0.1	< 0.25	< 0.1	< 0.1	< 0.25	< 0.25	< 0.1	< 0.1	< 0.25	< 0.5
SB-22	10/08/2015	5	< 0.0079	< 0.02	< 0.0079	< 0.0079	< 0.02	< 0.02	< 0.0079	< 0.0079	< 0.02	< 0.039
SB-22	10/29/2015	10	< 0.0057	< 0.014	< 0.0057	< 0.0057	< 0.014	< 0.014	< 0.0057	< 0.0057	< 0.014	< 0.028
SB-22	10/29/2015	15	< 0.002	< 0.0049	< 0.002	< 0.002	< 0.0049	< 0.0049	< 0.002	< 0.002	< 0.0049	< 0.0098
SB-22	10/29/2015	25	< 0.5	< 1.2	< 0.5	< 0.5	< 1.2	< 1.2	< 0.5	< 0.5	< 1.2	< 2.5
SB-22	10/29/2015	35	< 0.002	< 0.002	< 0.002	< 0.002	< 0.005	< 0.002	< 0.002	< 0.002	< 0.005	< 0.0099

TABLE 2b
Soil SVOC Analytical Data
ARCO Service Station No. 465
151 Southgate Avenue
Daly City, CA

Sample I.D.	Date	Depth (ft bgs)	1,2,4-Trimethylbenzene (mg/kg)	1,3,5-Trimethylbenzene (mg/kg)	Vinyl chloride (mg/kg)	2,4,5-Trichlorophenol (mg/kg)	2,4,6-Trichlorophenol (mg/kg)	2,4-Dichlorophenol (mg/kg)	2,4-Dimethylphenol (mg/kg)	2,4-Dinitrophenol (mg/kg)	2,4-Dinitrotoluene (mg/kg)	2,6-Dinitrotoluene (mg/kg)
CSB-6	01/20/1998	5	--	--	< 0.25, M1	--	--	--	--	--	--	--
CSB-6	01/20/1998	15	--	--	< 0.25, M1	--	--	--	--	--	--	--
CSB-6	01/20/1998	29.5	--	--	< 0.05	--	--	--	--	--	--	--
CSB-6	01/20/1998	34.5	--	--	< 0.05	--	--	--	--	--	--	--
CSB-6	01/20/1998	44	--	--	< 0.05	--	--	--	--	--	--	--
CSB-6	01/20/1998	54.5	--	--	< 0.05	--	--	--	--	--	--	--
SB-2	07/18/2005	6.5	< 0.005, BU	< 0.005, BU	< 0.005, BU	--	--	--	--	--	--	--
SB-2	07/18/2005	10.5	< 0.005, BU	< 0.005, BU	< 0.005, BU	--	--	--	--	--	--	--
SB-2	07/18/2005	15.5	< 0.005, BU	< 0.005, BU	< 0.005, BU	--	--	--	--	--	--	--
SB-2	07/18/2005	20.5	< 0.005, BU	< 0.005, BU	< 0.005, BU	--	--	--	--	--	--	--
SB-2	07/18/2005	25.5	< 0.005, BU	< 0.005, BU	< 0.005, BU	--	--	--	--	--	--	--
SB-2	07/18/2005	30.5	< 0.05	< 0.05	< 0.05	--	--	--	--	--	--	--
SB-2	07/18/2005	35.5	< 0.05	< 0.05	< 0.05	--	--	--	--	--	--	--
SB-2	07/18/2005	40.5	< 0.05	< 0.05	< 0.05	--	--	--	--	--	--	--
SB-2	07/18/2005	45.5	< 0.05	< 0.05	< 0.05	--	--	--	--	--	--	--
SB-2	07/18/2005	50.5	< 0.05	< 0.05	< 0.05	--	--	--	--	--	--	--
SB-2	07/18/2005	56.5	< 0.05	< 0.05	< 0.05	--	--	--	--	--	--	--
SB-2	07/18/2005	59.5	< 0.05	< 0.05	< 0.05	--	--	--	--	--	--	--
SB-2	07/18/2005	66.5	< 0.05	< 0.05	< 0.05	--	--	--	--	--	--	--
SB-2	07/18/2005	71.5	< 0.05	< 0.05	< 0.05	--	--	--	--	--	--	--
SB-3	07/18/2005	7.5	< 0.005, BU	< 0.005, BU	< 0.005, BU	--	--	--	--	--	--	--
SB-3	07/18/2005	11.5	< 0.01,BU,BH	< 0.01,BU,BH	< 0.01,BU,BH	--	--	--	--	--	--	--
SB-3	07/18/2005	15.5	< 0.01,BU,BH	< 0.01,BU,BH	< 0.01,BU,BH	--	--	--	--	--	--	--
SB-3	07/18/2005	20.5	**0.96**	**0.32**	< 0.05	--	--	--	--	--	--	--
SB-3	07/18/2005	25.5	**17**	**5.2**	< 0.05	--	--	--	--	--	--	--
SB-3	07/18/2005	30.5	< 0.05	< 0.05	< 0.05	--	--	--	--	--	--	--
SB-3	07/18/2005	36.5	< 0.05	< 0.05	< 0.05	--	--	--	--	--	--	--
SB-3	07/18/2005	40.5	< 0.25	< 0.25	< 0.25	--	--	--	--	--	--	--
SB-3	07/18/2005	45.5	< 0.05	< 0.05	< 0.05	--	--	--	--	--	--	--
SB-3	07/18/2005	50.5	< 0.05	< 0.05	< 0.05	--	--	--	--	--	--	--
SB-3	07/18/2005	55.5	< 0.05	< 0.05	< 0.05	--	--	--	--	--	--	--
SB-3	07/18/2005	60.5	< 0.05	< 0.05	< 0.05	--	--	--	--	--	--	--
SB-3	07/18/2005	61.5	< 0.05	< 0.05	< 0.05	--	--	--	--	--	--	--
SB-3	07/18/2005	64.5	< 0.005, BU	< 0.005, BU	< 0.005, BU	--	--	--	--	--	--	--
SB-3	07/18/2005	71.5	< 0.005, BU	< 0.005, BU	< 0.005, BU	--	--	--	--	--	--	--
SB-3	07/18/2005	75.5	< 0.005, BU	< 0.005, BU	< 0.005, BU	--	--	--	--	--	--	--
SB-3	07/18/2005	81.5	< 0.005, BU	< 0.005, BU	< 0.005, BU	--	--	--	--	--	--	--
SB-21	10/08/2015	3	**3.9**	**0.67**	< 0.25	--	--	--	--	--	--	--
SB-21	10/08/2015	5	< 0.01	< 0.01	< 0.025	--	--	--	--	--	--	--
SB-21	10/29/2015	10	< 0.002	< 0.002	< 0.005	--	--	--	--	--	--	--
SB-21	10/29/2015	15	< 0.002	< 0.002	< 0.005	--	--	--	--	--	--	--
SB-21	10/29/2015	25	**4.7**	**2**	< 0.25	--	--	--	--	--	--	--
SB-21	10/29/2015	35	**0.0034**	< 0.002	< 0.0049	--	--	--	--	--	--	--
SB-21	10/29/2015	40	< 0.002	< 0.002	< 0.0049	--	--	--	--	--	--	--
SB-22	10/08/2015	3	**2.4**	**2.4**	< 0.25	--	--	--	--	--	--	--
SB-22	10/08/2015	5	**0.055**	**0.065**	< 0.02	--	--	--	--	--	--	--
SB-22	10/29/2015	10	< 0.0057	< 0.0057	< 0.014	--	--	--	--	--	--	--
SB-22	10/29/2015	15	< 0.002	< 0.002	< 0.0049	--	--	--	--	--	--	--
SB-22	10/29/2015	25	**22**	**6.7**	< 1.2	--	--	--	--	--	--	--
SB-22	10/29/2015	35	< 0.002	< 0.002	< 0.005	--	--	--	--	--	--	--

TABLE 2b
Soil SVOC Analytical Data
ARCO Service Station No. 465
151 Southgate Avenue
Daly City, CA

Sample I.D.	Date	Depth (ft bgs)	2-Chloronaphthalene (mg/kg)	2-Chlorophenol (mg/kg)	2-Methylphenol (o-Cresol) (mg/kg)	2-Nitroaniline (mg/kg)	2-Nitrophenol (mg/kg)	3,3'-Dichlorobenzidine (mg/kg)	3-Nitroaniline (mg/kg)	4,6-Dinitro-2-methylphenol (mg/kg)	4-Bromophenylphenyl ether (mg/kg)	4-Chloro-3-methylphenol (mg/kg)
CSB-6	01/20/1998	5	--	--	--	--	--	--	--	--	--	--
CSB-6	01/20/1998	15	--	--	--	--	--	--	--	--	--	--
CSB-6	01/20/1998	29.5	--	--	--	--	--	--	--	--	--	--
CSB-6	01/20/1998	34.5	--	--	--	--	--	--	--	--	--	--
CSB-6	01/20/1998	44	--	--	--	--	--	--	--	--	--	--
CSB-6	01/20/1998	54.5	--	--	--	--	--	--	--	--	--	--
SB-2	07/18/2005	6.5	--	--	--	--	--	--	--	--	--	--
SB-2	07/18/2005	10.5	--	--	--	--	--	--	--	--	--	--
SB-2	07/18/2005	15.5	--	--	--	--	--	--	--	--	--	--
SB-2	07/18/2005	20.5	--	--	--	--	--	--	--	--	--	--
SB-2	07/18/2005	25.5	--	--	--	--	--	--	--	--	--	--
SB-2	07/18/2005	30.5	--	--	--	--	--	--	--	--	--	--
SB-2	07/18/2005	35.5	--	--	--	--	--	--	--	--	--	--
SB-2	07/18/2005	40.5	--	--	--	--	--	--	--	--	--	--
SB-2	07/18/2005	45.5	--	--	--	--	--	--	--	--	--	--
SB-2	07/18/2005	50.5	--	--	--	--	--	--	--	--	--	--
SB-2	07/18/2005	56.5	--	--	--	--	--	--	--	--	--	--
SB-2	07/18/2005	59.5	--	--	--	--	--	--	--	--	--	--
SB-2	07/18/2005	66.5	--	--	--	--	--	--	--	--	--	--
SB-2	07/18/2005	71.5	--	--	--	--	--	--	--	--	--	--
SB-3	07/18/2005	7.5	--	--	--	--	--	--	--	--	--	--
SB-3	07/18/2005	11.5	--	--	--	--	--	--	--	--	--	--
SB-3	07/18/2005	15.5	--	--	--	--	--	--	--	--	--	--
SB-3	07/18/2005	20.5	--	--	--	--	--	--	--	--	--	--
SB-3	07/18/2005	25.5	--	--	--	--	--	--	--	--	--	--
SB-3	07/18/2005	30.5	--	--	--	--	--	--	--	--	--	--
SB-3	07/18/2005	36.5	--	--	--	--	--	--	--	--	--	--
SB-3	07/18/2005	40.5	--	--	--	--	--	--	--	--	--	--
SB-3	07/18/2005	45.5	--	--	--	--	--	--	--	--	--	--
SB-3	07/18/2005	50.5	--	--	--	--	--	--	--	--	--	--
SB-3	07/18/2005	55.5	--	--	--	--	--	--	--	--	--	--
SB-3	07/18/2005	60.5	--	--	--	--	--	--	--	--	--	--
SB-3	07/18/2005	61.5	--	--	--	--	--	--	--	--	--	--
SB-3	07/18/2005	64.5	--	--	--	--	--	--	--	--	--	--
SB-3	07/18/2005	71.5	--	--	--	--	--	--	--	--	--	--
SB-3	07/18/2005	75.5	--	--	--	--	--	--	--	--	--	--
SB-3	07/18/2005	81.5	--	--	--	--	--	--	--	--	--	--
SB-21	10/08/2015	3	--	--	--	--	--	--	--	--	--	--
SB-21	10/08/2015	5	--	--	--	--	--	--	--	--	--	--
SB-21	10/29/2015	10	--	--	--	--	--	--	--	--	--	--
SB-21	10/29/2015	15	--	--	--	--	--	--	--	--	--	--
SB-21	10/29/2015	25	--	--	--	--	--	--	--	--	--	--
SB-21	10/29/2015	35	--	--	--	--	--	--	--	--	--	--
SB-21	10/29/2015	40	--	--	--	--	--	--	--	--	--	--
SB-22	10/08/2015	3	--	--	--	--	--	--	--	--	--	--
SB-22	10/08/2015	5	--	--	--	--	--	--	--	--	--	--
SB-22	10/29/2015	10	--	--	--	--	--	--	--	--	--	--
SB-22	10/29/2015	15	--	--	--	--	--	--	--	--	--	--
SB-22	10/29/2015	25	--	--	--	--	--	--	--	--	--	--
SB-22	10/29/2015	35	--	--	--	--	--	--	--	--	--	--

TABLE 2b
Soil SVOC Analytical Data
ARCO Service Station No. 465
151 Southgate Avenue
Daly City, CA

Sample I.D.	Date	Depth (ft bgs)	4-Nitroaniline (mg/kg)	4-Nitrophenol (mg/kg)	Aniline (mg/kg)	Benzidine (mg/kg)	Benzoic acid (mg/kg)	Benzyl alcohol (mg/kg)	bis(2-Chloroethoxy)methane (mg/kg)	bis(2-Chloroethyl) ether (mg/kg)	bis(2-Ethylhexyl)phthalate (mg/kg)	Butylbenzylphthalate (mg/kg)
CSB-6	01/20/1998	5	--	--	--	--	--	--	--	--	--	--
CSB-6	01/20/1998	15	--	--	--	--	--	--	--	--	--	--
CSB-6	01/20/1998	29.5	--	--	--	--	--	--	--	--	--	--
CSB-6	01/20/1998	34.5	--	--	--	--	--	--	--	--	--	--
CSB-6	01/20/1998	44	--	--	--	--	--	--	--	--	--	--
CSB-6	01/20/1998	54.5	--	--	--	--	--	--	--	--	--	--
SB-2	07/18/2005	6.5	--	--	--	--	--	--	--	--	--	--
SB-2	07/18/2005	10.5	--	--	--	--	--	--	--	--	--	--
SB-2	07/18/2005	15.5	--	--	--	--	--	--	--	--	--	--
SB-2	07/18/2005	20.5	--	--	--	--	--	--	--	--	--	--
SB-2	07/18/2005	25.5	--	--	--	--	--	--	--	--	--	--
SB-2	07/18/2005	30.5	--	--	--	--	--	--	--	--	--	--
SB-2	07/18/2005	35.5	--	--	--	--	--	--	--	--	--	--
SB-2	07/18/2005	40.5	--	--	--	--	--	--	--	--	--	--
SB-2	07/18/2005	45.5	--	--	--	--	--	--	--	--	--	--
SB-2	07/18/2005	50.5	--	--	--	--	--	--	--	--	--	--
SB-2	07/18/2005	56.5	--	--	--	--	--	--	--	--	--	--
SB-2	07/18/2005	59.5	--	--	--	--	--	--	--	--	--	--
SB-2	07/18/2005	66.5	--	--	--	--	--	--	--	--	--	--
SB-2	07/18/2005	71.5	--	--	--	--	--	--	--	--	--	--
SB-3	07/18/2005	7.5	--	--	--	--	--	--	--	--	--	--
SB-3	07/18/2005	11.5	--	--	--	--	--	--	--	--	--	--
SB-3	07/18/2005	15.5	--	--	--	--	--	--	--	--	--	--
SB-3	07/18/2005	20.5	--	--	--	--	--	--	--	--	--	--
SB-3	07/18/2005	25.5	--	--	--	--	--	--	--	--	--	--
SB-3	07/18/2005	30.5	--	--	--	--	--	--	--	--	--	--
SB-3	07/18/2005	36.5	--	--	--	--	--	--	--	--	--	--
SB-3	07/18/2005	40.5	--	--	--	--	--	--	--	--	--	--
SB-3	07/18/2005	45.5	--	--	--	--	--	--	--	--	--	--
SB-3	07/18/2005	50.5	--	--	--	--	--	--	--	--	--	--
SB-3	07/18/2005	55.5	--	--	--	--	--	--	--	--	--	--
SB-3	07/18/2005	60.5	--	--	--	--	--	--	--	--	--	--
SB-3	07/18/2005	61.5	--	--	--	--	--	--	--	--	--	--
SB-3	07/18/2005	64.5	--	--	--	--	--	--	--	--	--	--
SB-3	07/18/2005	71.5	--	--	--	--	--	--	--	--	--	--
SB-3	07/18/2005	75.5	--	--	--	--	--	--	--	--	--	--
SB-3	07/18/2005	81.5	--	--	--	--	--	--	--	--	--	--
SB-21	10/08/2015	3	--	--	--	--	--	--	--	--	--	--
SB-21	10/08/2015	5	--	--	--	--	--	--	--	--	--	--
SB-21	10/29/2015	10	--	--	--	--	--	--	--	--	--	--
SB-21	10/29/2015	15	--	--	--	--	--	--	--	--	--	--
SB-21	10/29/2015	25	--	--	--	--	--	--	--	--	--	--
SB-21	10/29/2015	35	--	--	--	--	--	--	--	--	--	--
SB-21	10/29/2015	40	--	--	--	--	--	--	--	--	--	--
SB-22	10/08/2015	3	--	--	--	--	--	--	--	--	--	--
SB-22	10/08/2015	5	--	--	--	--	--	--	--	--	--	--
SB-22	10/29/2015	10	--	--	--	--	--	--	--	--	--	--
SB-22	10/29/2015	15	--	--	--	--	--	--	--	--	--	--
SB-22	10/29/2015	25	--	--	--	--	--	--	--	--	--	--
SB-22	10/29/2015	35	--	--	--	--	--	--	--	--	--	--

TABLE 2b

Soil SVOC Analytical Data

ARCO Service Station No. 465

151 Southgate Avenue

Daly City, CA

Sample I.D.	Date	Depth (ft bgs)	Dibenzo(a,h)anthracene (mg/kg)	Dibenzofuran (mg/kg)	Diethylphthalate (mg/kg)	Dimethylphthalate (mg/kg)	Di-n-butylphthalate (mg/kg)	Di-n-octylphthalate (mg/kg)	Hexachlorobenzene (mg/kg)	Hexachlorocyclopentadiene (mg/kg)	Hexachloroethane (mg/kg)	Indeno (1,2,3-cd) pyrene (mg/kg)
CSB-6	01/20/1998	5	--	--	--	--	--	--	--	--	--	--
CSB-6	01/20/1998	15	--	--	--	--	--	--	--	--	--	--
CSB-6	01/20/1998	29.5	--	--	--	--	--	--	--	--	--	--
CSB-6	01/20/1998	34.5	--	--	--	--	--	--	--	--	--	--
CSB-6	01/20/1998	44	--	--	--	--	--	--	--	--	--	--
CSB-6	01/20/1998	54.5	--	--	--	--	--	--	--	--	--	--
SB-2	07/18/2005	6.5	--	--	--	--	--	--	--	--	--	--
SB-2	07/18/2005	10.5	--	--	--	--	--	--	--	--	--	--
SB-2	07/18/2005	15.5	--	--	--	--	--	--	--	--	--	--
SB-2	07/18/2005	20.5	--	--	--	--	--	--	--	--	--	--
SB-2	07/18/2005	25.5	--	--	--	--	--	--	--	--	--	--
SB-2	07/18/2005	30.5	--	--	--	--	--	--	--	--	--	--
SB-2	07/18/2005	35.5	--	--	--	--	--	--	--	--	--	--
SB-2	07/18/2005	40.5	--	--	--	--	--	--	--	--	--	--
SB-2	07/18/2005	45.5	--	--	--	--	--	--	--	--	--	--
SB-2	07/18/2005	50.5	--	--	--	--	--	--	--	--	--	--
SB-2	07/18/2005	56.5	--	--	--	--	--	--	--	--	--	--
SB-2	07/18/2005	59.5	--	--	--	--	--	--	--	--	--	--
SB-2	07/18/2005	66.5	--	--	--	--	--	--	--	--	--	--
SB-2	07/18/2005	71.5	--	--	--	--	--	--	--	--	--	--
SB-3	07/18/2005	7.5	--	--	--	--	--	--	--	--	--	--
SB-3	07/18/2005	11.5	--	--	--	--	--	--	--	--	--	--
SB-3	07/18/2005	15.5	--	--	--	--	--	--	--	--	--	--
SB-3	07/18/2005	20.5	--	--	--	--	--	--	--	--	--	--
SB-3	07/18/2005	25.5	--	--	--	--	--	--	--	--	--	--
SB-3	07/18/2005	30.5	--	--	--	--	--	--	--	--	--	--
SB-3	07/18/2005	36.5	--	--	--	--	--	--	--	--	--	--
SB-3	07/18/2005	40.5	--	--	--	--	--	--	--	--	--	--
SB-3	07/18/2005	45.5	--	--	--	--	--	--	--	--	--	--
SB-3	07/18/2005	50.5	--	--	--	--	--	--	--	--	--	--
SB-3	07/18/2005	55.5	--	--	--	--	--	--	--	--	--	--
SB-3	07/18/2005	60.5	--	--	--	--	--	--	--	--	--	--
SB-3	07/18/2005	61.5	--	--	--	--	--	--	--	--	--	--
SB-3	07/18/2005	64.5	--	--	--	--	--	--	--	--	--	--
SB-3	07/18/2005	71.5	--	--	--	--	--	--	--	--	--	--
SB-3	07/18/2005	75.5	--	--	--	--	--	--	--	--	--	--
SB-3	07/18/2005	81.5	--	--	--	--	--	--	--	--	--	--
SB-21	10/08/2015	3	--	--	--	--	--	--	--	--	--	--
SB-21	10/08/2015	5	--	--	--	--	--	--	--	--	--	--
SB-21	10/29/2015	10	--	--	--	--	--	--	--	--	--	--
SB-21	10/29/2015	15	--	--	--	--	--	--	--	--	--	--
SB-21	10/29/2015	25	--	--	--	--	--	--	--	--	--	--
SB-21	10/29/2015	35	--	--	--	--	--	--	--	--	--	--
SB-21	10/29/2015	40	--	--	--	--	--	--	--	--	--	--
SB-22	10/08/2015	3	--	--	--	--	--	--	--	--	--	--
SB-22	10/08/2015	5	--	--	--	--	--	--	--	--	--	--
SB-22	10/29/2015	10	--	--	--	--	--	--	--	--	--	--
SB-22	10/29/2015	15	--	--	--	--	--	--	--	--	--	--
SB-22	10/29/2015	25	--	--	--	--	--	--	--	--	--	--
SB-22	10/29/2015	35	--	--	--	--	--	--	--	--	--	--

TABLE 2b

Soil SVOC Analytical Data

ARCO Service Station No. 465

151 Southgate Avenue

Daly City, CA

Sample I.D.	Date	Depth (ft bgs)	Isophorone (mg/kg)	Nitrobenzene (mg/kg)	N-Nitroso-di-n-propylamine (mg/kg)	N-Nitrosodiphenylamine (mg/kg)	Pentachlorophenol (mg/kg)	Phenol (mg/kg)	N-Nitrosodimethylamine (mg/kg)	Pyridine (mg/kg)
CSB-6	01/20/1998	5	--	--	--	--	--	--	--	--
CSB-6	01/20/1998	15	--	--	--	--	--	--	--	--
CSB-6	01/20/1998	29.5	--	--	--	--	--	--	--	--
CSB-6	01/20/1998	34.5	--	--	--	--	--	--	--	--
CSB-6	01/20/1998	44	--	--	--	--	--	--	--	--
CSB-6	01/20/1998	54.5	--	--	--	--	--	--	--	--
SB-2	07/18/2005	6.5	--	--	--	--	--	--	--	--
SB-2	07/18/2005	10.5	--	--	--	--	--	--	--	--
SB-2	07/18/2005	15.5	--	--	--	--	--	--	--	--
SB-2	07/18/2005	20.5	--	--	--	--	--	--	--	--
SB-2	07/18/2005	25.5	--	--	--	--	--	--	--	--
SB-2	07/18/2005	30.5	--	--	--	--	--	--	--	--
SB-2	07/18/2005	35.5	--	--	--	--	--	--	--	--
SB-2	07/18/2005	40.5	--	--	--	--	--	--	--	--
SB-2	07/18/2005	45.5	--	--	--	--	--	--	--	--
SB-2	07/18/2005	50.5	--	--	--	--	--	--	--	--
SB-2	07/18/2005	56.5	--	--	--	--	--	--	--	--
SB-2	07/18/2005	59.5	--	--	--	--	--	--	--	--
SB-2	07/18/2005	66.5	--	--	--	--	--	--	--	--
SB-2	07/18/2005	71.5	--	--	--	--	--	--	--	--
SB-3	07/18/2005	7.5	--	--	--	--	--	--	--	--
SB-3	07/18/2005	11.5	--	--	--	--	--	--	--	--
SB-3	07/18/2005	15.5	--	--	--	--	--	--	--	--
SB-3	07/18/2005	20.5	--	--	--	--	--	--	--	--
SB-3	07/18/2005	25.5	--	--	--	--	--	--	--	--
SB-3	07/18/2005	30.5	--	--	--	--	--	--	--	--
SB-3	07/18/2005	36.5	--	--	--	--	--	--	--	--
SB-3	07/18/2005	40.5	--	--	--	--	--	--	--	--
SB-3	07/18/2005	45.5	--	--	--	--	--	--	--	--
SB-3	07/18/2005	50.5	--	--	--	--	--	--	--	--
SB-3	07/18/2005	55.5	--	--	--	--	--	--	--	--
SB-3	07/18/2005	60.5	--	--	--	--	--	--	--	--
SB-3	07/18/2005	61.5	--	--	--	--	--	--	--	--
SB-3	07/18/2005	64.5	--	--	--	--	--	--	--	--
SB-3	07/18/2005	71.5	--	--	--	--	--	--	--	--
SB-3	07/18/2005	75.5	--	--	--	--	--	--	--	--
SB-3	07/18/2005	81.5	--	--	--	--	--	--	--	--
SB-21	10/08/2015	3	--	--	--	--	--	--	--	--
SB-21	10/08/2015	5	--	--	--	--	--	--	--	--
SB-21	10/29/2015	10	--	--	--	--	--	--	--	--
SB-21	10/29/2015	15	--	--	--	--	--	--	--	--
SB-21	10/29/2015	25	--	--	--	--	--	--	--	--
SB-21	10/29/2015	35	--	--	--	--	--	--	--	--
SB-21	10/29/2015	40	--	--	--	--	--	--	--	--
SB-22	10/08/2015	3	--	--	--	--	--	--	--	--
SB-22	10/08/2015	5	--	--	--	--	--	--	--	--
SB-22	10/29/2015	10	--	--	--	--	--	--	--	--
SB-22	10/29/2015	15	--	--	--	--	--	--	--	--
SB-22	10/29/2015	25	--	--	--	--	--	--	--	--
SB-22	10/29/2015	35	--	--	--	--	--	--	--	--

TABLE 2b
Soil SVOC Analytical Data
ARCO Service Station No. 465
151 Southgate Avenue
Daly City, CA

Sample I.D.	Date	Depth (ft bgs)	Acenaphthene (mg/kg)	Acenaphthylene (mg/kg)	Anthracene (mg/kg)	Benzo(a)anthracene (mg/kg)	Benzo(a)pyrene (mg/kg)	Benzo(b)fluoranthene (mg/kg)	Benzo(g,h,i)perylene (mg/kg)	Benzo(k)fluoranthene (mg/kg)	Chrysene (mg/kg)	Fluoranthene (mg/kg)
SB-23	03/28/2018	3	< 0.03	< 0.03	< 0.03	< 0.03	< 0.03	< 0.03	< 0.03	< 0.03	< 0.03	< 0.03
SB-23	03/28/2018	9	< 0.03	< 0.03	< 0.03	< 0.03	< 0.03	< 0.03	< 0.03	< 0.03	< 0.03	< 0.03
SB-23	03/28/2018	12	< 0.03	< 0.03	< 0.03	< 0.03	< 0.03	< 0.03	< 0.03	< 0.03	< 0.03	< 0.03
SB-24	03/28/2018	5	< 0.03	< 0.03	< 0.03	< 0.03	< 0.03	< 0.03	< 0.03	< 0.03	< 0.03	< 0.03
SB-24	03/28/2018	10	< 0.03	< 0.03	< 0.03	< 0.03	< 0.03	< 0.03	< 0.03	< 0.03	< 0.03	< 0.03
SB-24	03/28/2018	14	< 0.03	< 0.03	< 0.03	< 0.03	< 0.03	< 0.03	< 0.03	< 0.03	< 0.03	< 0.03
SB-25	03/28/2018	4	< 0.03	< 0.03	< 0.03	< 0.03	< 0.03	< 0.03	< 0.03	< 0.03	< 0.03	< 0.03
SB-25	03/28/2018	10	< 0.03	< 0.03	< 0.03	< 0.03	< 0.03	< 0.03	< 0.03	< 0.03	< 0.03	< 0.03
SB-25	03/28/2018	14	< 0.03	< 0.03	< 0.03	< 0.03	< 0.03	< 0.03	< 0.03	< 0.03	< 0.03	< 0.03
SB-26	03/28/2018	5	< 0.03	< 0.03	< 0.03	< 0.03	< 0.03	< 0.03	< 0.03	< 0.03	< 0.03	< 0.03
SB-26	03/28/2018	10	< 0.03	< 0.03	< 0.03	< 0.03	< 0.03	< 0.03	< 0.03	< 0.03	< 0.03	< 0.03
SB-26	03/28/2018	14	< 0.03	< 0.03	< 0.03	< 0.03	< 0.03	< 0.03	< 0.03	< 0.03	< 0.03	< 0.03
SB-27	03/28/2018	4	< 0.03	< 0.03	< 0.03	< 0.03	< 0.03	< 0.03	< 0.03	< 0.03	< 0.03	< 0.03
SB-27	03/28/2018	10	< 0.03	< 0.03	< 0.03	< 0.03	< 0.03	< 0.03	< 0.03	< 0.03	< 0.03	< 0.03
SB-27	03/28/2018	14	< 0.029	< 0.029	< 0.029	< 0.029	< 0.029	< 0.029	< 0.029	< 0.029	< 0.029	< 0.029
SB-28	03/28/2018	5	< 0.029	< 0.029	< 0.029	< 0.029	< 0.029	< 0.029	< 0.029	< 0.029	< 0.029	< 0.029
SB-28	03/28/2018	10	< 0.029	< 0.029	< 0.029	< 0.029	< 0.029	< 0.029	< 0.029	< 0.029	< 0.029	< 0.029
SB-28	03/28/2018	14	< 0.03	< 0.03	< 0.03	< 0.03	< 0.03	< 0.03	< 0.03	< 0.03	< 0.03	< 0.03
SB-29	03/28/2018	5	< 0.029	< 0.029	< 0.029	< 0.029	< 0.029	< 0.029	< 0.029	< 0.029	< 0.029	< 0.029
SB-29	03/28/2018	10	< 0.03	< 0.03	< 0.03	< 0.03	< 0.03	< 0.03	< 0.03	< 0.03	< 0.03	< 0.03
SB-29	03/28/2018	14	< 0.029	< 0.029	< 0.029	< 0.029	< 0.029	< 0.029	< 0.029	< 0.029	< 0.029	< 0.029
SB-30	05/09/2018	66	< 0.03	< 0.03	< 0.03	< 0.03	< 0.03	< 0.03	< 0.03	< 0.03	< 0.03	< 0.03
SB-30	05/09/2018	76	< 0.028	< 0.028	< 0.028	< 0.028	< 0.028	< 0.028	< 0.028	< 0.028	< 0.028	< 0.028
SB-30	05/09/2018	81	< 0.03	< 0.03	< 0.03	< 0.03	< 0.03	< 0.03	< 0.03	< 0.03	< 0.03	< 0.03
SB-30	05/09/2018	86	< 0.03	< 0.03	< 0.03	< 0.03	< 0.03	< 0.03	< 0.03	< 0.03	< 0.03	< 0.03
SB-30	05/09/2018	91	< 0.03	< 0.03	< 0.03	< 0.03	< 0.03	< 0.03	< 0.03	< 0.03	< 0.03	< 0.03
SB-30	05/09/2018	96	< 0.03	< 0.03	< 0.03	< 0.03	< 0.03	< 0.03	< 0.03	< 0.03	< 0.03	< 0.03
SB-30	05/09/2018	101	< 0.03	< 0.03	< 0.03	< 0.03	< 0.03	< 0.03	< 0.03	< 0.03	< 0.03	< 0.03
SB-30	05/09/2018	105	< 0.03	< 0.03	< 0.03	< 0.03	< 0.03	< 0.03	< 0.03	< 0.03	< 0.03	< 0.03
SB-30	05/09/2018	110	< 0.03	< 0.03	< 0.03	< 0.03	< 0.03	< 0.03	< 0.03	< 0.03	< 0.03	< 0.03
SB-31	11/02/2018	5	< 0.35	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33
SB-31	11/02/2018	10	< 1.7	< 1.6	< 1.6	< 1.6	< 1.6	< 1.6	< 1.6	< 1.6	< 1.6	< 1.6
SB-31	11/02/2018	15	< 0.35	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33
SB-31	11/02/2018	18	< 0.35	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33
SB-31	11/02/2018	20	< 0.35	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33
SB-31	11/02/2018	25	< 0.35	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33
SB-31	11/02/2018	30	< 0.35	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33
SB-31	11/02/2018	35	< 0.35	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33
SB-31	11/02/2018	40	< 0.35	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33
SB-32	11/02/2018	3	< 0.35	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33
SB-32	11/02/2018	5	< 0.35	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33
SB-32	11/02/2018	10	< 0.35	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33
SB-32	11/02/2018	15	< 0.35	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33
SB-32	11/02/2018	20	< 0.35	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33
SB-32	11/02/2018	25	< 0.35	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33
SB-32	11/02/2018	30	< 0.35	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33

TABLE 2b
Soil SVOC Analytical Data
ARCO Service Station No. 465
151 Southgate Avenue
Daly City, CA

Sample I.D.	Date	Depth (ft bgs)	Fluorene (mg/kg)	Phenanthrene (mg/kg)	Pyrene (mg/kg)	Bromobenzene (mg/kg)	Bromodichloromethane (mg/kg)	Bromoform (mg/kg)	Bromomethane (mg/kg)	sec-Butylbenzene (mg/kg)	tert-Butylbenzene (mg/kg)	n-Butylbenzene (mg/kg)
SB-23	03/28/2018	3	< 0.03	< 0.03	< 0.03	--	--	--	--	--	--	--
SB-23	03/28/2018	9	< 0.03	< 0.03	< 0.03	--	--	--	--	--	--	--
SB-23	03/28/2018	12	< 0.03	< 0.03	< 0.03	--	--	--	--	--	--	--
SB-24	03/28/2018	5	< 0.03	< 0.03	< 0.03	--	--	--	--	--	--	--
SB-24	03/28/2018	10	< 0.03	< 0.03	< 0.03	--	--	--	--	--	--	--
SB-24	03/28/2018	14	< 0.03	< 0.03	< 0.03	--	--	--	--	--	--	--
SB-25	03/28/2018	4	< 0.03	< 0.03	< 0.03	--	--	--	--	--	--	--
SB-25	03/28/2018	10	< 0.03	< 0.03	< 0.03	--	--	--	--	--	--	--
SB-25	03/28/2018	14	< 0.03	< 0.03	< 0.03	--	--	--	--	--	--	--
SB-26	03/28/2018	5	< 0.03	< 0.03	< 0.03	--	--	--	--	--	--	--
SB-26	03/28/2018	10	< 0.03	< 0.03	< 0.03	--	--	--	--	--	--	--
SB-26	03/28/2018	14	< 0.03	< 0.03	< 0.03	--	--	--	--	--	--	--
SB-27	03/28/2018	4	< 0.03	< 0.03	< 0.03	--	--	--	--	--	--	--
SB-27	03/28/2018	10	< 0.03	< 0.03	< 0.03	--	--	--	--	--	--	--
SB-27	03/28/2018	14	< 0.029	< 0.029	< 0.029	--	--	--	--	--	--	--
SB-28	03/28/2018	5	< 0.029	< 0.029	< 0.029	--	--	--	--	--	--	--
SB-28	03/28/2018	10	< 0.029	< 0.029	< 0.029	--	--	--	--	--	--	--
SB-28	03/28/2018	14	< 0.03	< 0.03	< 0.03	--	--	--	--	--	--	--
SB-29	03/28/2018	5	< 0.029	< 0.029	< 0.029	--	--	--	--	--	--	--
SB-29	03/28/2018	10	< 0.03	< 0.03	< 0.03	--	--	--	--	--	--	--
SB-29	03/28/2018	14	< 0.029	< 0.029	< 0.029	--	--	--	--	--	--	--
SB-30	05/09/2018	66	< 0.03	< 0.03	< 0.03	--	--	--	--	--	--	--
SB-30	05/09/2018	76	< 0.028	< 0.028	< 0.028	--	--	--	--	--	--	--
SB-30	05/09/2018	81	< 0.03	< 0.03	< 0.03	--	--	--	--	--	--	--
SB-30	05/09/2018	86	< 0.03	< 0.03	< 0.03	--	--	--	--	--	--	--
SB-30	05/09/2018	91	< 0.03	< 0.03	< 0.03	--	--	--	--	--	--	--
SB-30	05/09/2018	96	< 0.03	< 0.03	< 0.03	--	--	--	--	--	--	--
SB-30	05/09/2018	101	< 0.03	< 0.03	< 0.03	--	--	--	--	--	--	--
SB-30	05/09/2018	105	< 0.03	< 0.03	< 0.03	--	--	--	--	--	--	--
SB-30	05/09/2018	110	< 0.03	< 0.03	< 0.03	--	--	--	--	--	--	--
SB-31	11/02/2018	5	< 0.33	< 0.33	< 0.33	--	--	--	--	--	--	--
SB-31	11/02/2018	10	< 1.6	< 1.6	< 1.6	--	--	--	--	--	--	--
SB-31	11/02/2018	15	< 0.33	< 0.33	< 0.33	--	--	--	--	--	--	--
SB-31	11/02/2018	18	< 0.33	< 0.33	< 0.33	--	--	--	--	--	--	--
SB-31	11/02/2018	20	< 0.33	< 0.33	< 0.33	--	--	--	--	--	--	--
SB-31	11/02/2018	25	< 0.33	< 0.33	< 0.33	--	--	--	--	--	--	--
SB-31	11/02/2018	30	< 0.33	< 0.33	< 0.33	--	--	--	--	--	--	--
SB-31	11/02/2018	35	< 0.33	< 0.33	< 0.33	--	--	--	--	--	--	--
SB-31	11/02/2018	40	< 0.33	< 0.33	< 0.33	--	--	--	--	--	--	--
SB-32	11/02/2018	3	< 0.33	< 0.33	< 0.33	--	--	--	--	--	--	--
SB-32	11/02/2018	5	< 0.33	< 0.33	< 0.33	--	--	--	--	--	--	--
SB-32	11/02/2018	10	< 0.33	< 0.33	< 0.33	--	--	--	--	--	--	--
SB-32	11/02/2018	15	< 0.33	< 0.33	< 0.33	--	--	--	--	--	--	--
SB-32	11/02/2018	20	< 0.33	< 0.33	< 0.33	--	--	--	--	--	--	--
SB-32	11/02/2018	25	< 0.33	< 0.33	< 0.33	--	--	--	--	--	--	--
SB-32	11/02/2018	30	< 0.33	< 0.33	< 0.33	--	--	--	--	--	--	--

TABLE 2b
Soil SVOC Analytical Data
ARCO Service Station No. 465
151 Southgate Avenue
Daly City, CA

Sample I.D.	Date	Depth (ft bgs)	Carbon tetrachloride (mg/kg)	Chlorobenzene (mg/kg)	Chloroethane (mg/kg)	Chloroform (mg/kg)	Chloromethane (mg/kg)	4-Chlorotoluene (mg/kg)	2-Chlorotoluene (mg/kg)	1,2-Dibromo-3-chloropropane (mg/kg)	Dibromochloromethane (mg/kg)	Dibromomethane (mg/kg)
SB-23	03/28/2018	3	--	--	--	--	--	--	--	--	--	--
SB-23	03/28/2018	9	--	--	--	--	--	--	--	--	--	--
SB-23	03/28/2018	12	--	--	--	--	--	--	--	--	--	--
SB-24	03/28/2018	5	--	--	--	--	--	--	--	--	--	--
SB-24	03/28/2018	10	--	--	--	--	--	--	--	--	--	--
SB-24	03/28/2018	14	--	--	--	--	--	--	--	--	--	--
SB-25	03/28/2018	4	--	--	--	--	--	--	--	--	--	--
SB-25	03/28/2018	10	--	--	--	--	--	--	--	--	--	--
SB-25	03/28/2018	14	--	--	--	--	--	--	--	--	--	--
SB-26	03/28/2018	5	--	--	--	--	--	--	--	--	--	--
SB-26	03/28/2018	10	--	--	--	--	--	--	--	--	--	--
SB-26	03/28/2018	14	--	--	--	--	--	--	--	--	--	--
SB-27	03/28/2018	4	--	--	--	--	--	--	--	--	--	--
SB-27	03/28/2018	10	--	--	--	--	--	--	--	--	--	--
SB-27	03/28/2018	14	--	--	--	--	--	--	--	--	--	--
SB-28	03/28/2018	5	--	--	--	--	--	--	--	--	--	--
SB-28	03/28/2018	10	--	--	--	--	--	--	--	--	--	--
SB-28	03/28/2018	14	--	--	--	--	--	--	--	--	--	--
SB-29	03/28/2018	5	--	--	--	--	--	--	--	--	--	--
SB-29	03/28/2018	10	--	--	--	--	--	--	--	--	--	--
SB-29	03/28/2018	14	--	--	--	--	--	--	--	--	--	--
SB-30	05/09/2018	66	--	--	--	--	--	--	--	--	--	--
SB-30	05/09/2018	76	--	--	--	--	--	--	--	--	--	--
SB-30	05/09/2018	81	--	--	--	--	--	--	--	--	--	--
SB-30	05/09/2018	86	--	--	--	--	--	--	--	--	--	--
SB-30	05/09/2018	91	--	--	--	--	--	--	--	--	--	--
SB-30	05/09/2018	96	--	--	--	--	--	--	--	--	--	--
SB-30	05/09/2018	101	--	--	--	--	--	--	--	--	--	--
SB-30	05/09/2018	105	--	--	--	--	--	--	--	--	--	--
SB-30	05/09/2018	110	--	--	--	--	--	--	--	--	--	--
SB-31	11/02/2018	5	--	--	--	--	--	--	--	--	--	--
SB-31	11/02/2018	10	--	--	--	--	--	--	--	--	--	--
SB-31	11/02/2018	15	--	--	--	--	--	--	--	--	--	--
SB-31	11/02/2018	18	--	--	--	--	--	--	--	--	--	--
SB-31	11/02/2018	20	--	--	--	--	--	--	--	--	--	--
SB-31	11/02/2018	25	--	--	--	--	--	--	--	--	--	--
SB-31	11/02/2018	30	--	--	--	--	--	--	--	--	--	--
SB-31	11/02/2018	35	--	--	--	--	--	--	--	--	--	--
SB-31	11/02/2018	40	--	--	--	--	--	--	--	--	--	--
SB-32	11/02/2018	3	--	--	--	--	--	--	--	--	--	--
SB-32	11/02/2018	5	--	--	--	--	--	--	--	--	--	--
SB-32	11/02/2018	10	--	--	--	--	--	--	--	--	--	--
SB-32	11/02/2018	15	--	--	--	--	--	--	--	--	--	--
SB-32	11/02/2018	20	--	--	--	--	--	--	--	--	--	--
SB-32	11/02/2018	25	--	--	--	--	--	--	--	--	--	--
SB-32	11/02/2018	30	--	--	--	--	--	--	--	--	--	--

TABLE 2b
Soil SVOC Analytical Data
ARCO Service Station No. 465
151 Southgate Avenue
Daly City, CA

Sample I.D.	Date	Depth (ft bgs)	1,2-Dichlorobenzene (mg/kg)	1,3-Dichlorobenzene (mg/kg)	1,4-Dichlorobenzene (mg/kg)	Dichlorodifluoromethane (mg/kg)	1,1-Dichloroethane (mg/kg)	1,1-Dichloroethylene (mg/kg)	cis-1,2-Dichloroethene (mg/kg)	cis-1,3-Dichloropropene (mg/kg)	trans-1,2-Dichloroethene (mg/kg)	trans-1,3-Dichloropropene (mg/kg)
SB-23	03/28/2018	3	--	--	--	--	--	--	--	--	--	--
SB-23	03/28/2018	9	--	--	--	--	--	--	--	--	--	--
SB-23	03/28/2018	12	--	--	--	--	--	--	--	--	--	--
SB-24	03/28/2018	5	--	--	--	--	--	--	--	--	--	--
SB-24	03/28/2018	10	--	--	--	--	--	--	--	--	--	--
SB-24	03/28/2018	14	--	--	--	--	--	--	--	--	--	--
SB-25	03/28/2018	4	--	--	--	--	--	--	--	--	--	--
SB-25	03/28/2018	10	--	--	--	--	--	--	--	--	--	--
SB-25	03/28/2018	14	--	--	--	--	--	--	--	--	--	--
SB-26	03/28/2018	5	--	--	--	--	--	--	--	--	--	--
SB-26	03/28/2018	10	--	--	--	--	--	--	--	--	--	--
SB-26	03/28/2018	14	--	--	--	--	--	--	--	--	--	--
SB-27	03/28/2018	4	--	--	--	--	--	--	--	--	--	--
SB-27	03/28/2018	10	--	--	--	--	--	--	--	--	--	--
SB-27	03/28/2018	14	--	--	--	--	--	--	--	--	--	--
SB-28	03/28/2018	5	--	--	--	--	--	--	--	--	--	--
SB-28	03/28/2018	10	--	--	--	--	--	--	--	--	--	--
SB-28	03/28/2018	14	--	--	--	--	--	--	--	--	--	--
SB-29	03/28/2018	5	--	--	--	--	--	--	--	--	--	--
SB-29	03/28/2018	10	--	--	--	--	--	--	--	--	--	--
SB-29	03/28/2018	14	--	--	--	--	--	--	--	--	--	--
SB-30	05/09/2018	66	--	--	--	--	--	--	--	--	--	--
SB-30	05/09/2018	76	--	--	--	--	--	--	--	--	--	--
SB-30	05/09/2018	81	--	--	--	--	--	--	--	--	--	--
SB-30	05/09/2018	86	--	--	--	--	--	--	--	--	--	--
SB-30	05/09/2018	91	--	--	--	--	--	--	--	--	--	--
SB-30	05/09/2018	96	--	--	--	--	--	--	--	--	--	--
SB-30	05/09/2018	101	--	--	--	--	--	--	--	--	--	--
SB-30	05/09/2018	105	--	--	--	--	--	--	--	--	--	--
SB-30	05/09/2018	110	--	--	--	--	--	--	--	--	--	--
SB-31	11/02/2018	5	--	< 0.33	< 0.33	--	--	--	--	--	--	--
SB-31	11/02/2018	10	--	< 1.6	< 1.6	--	--	--	--	--	--	--
SB-31	11/02/2018	15	--	< 0.33	< 0.33	--	--	--	--	--	--	--
SB-31	11/02/2018	18	--	< 0.33	< 0.33	--	--	--	--	--	--	--
SB-31	11/02/2018	20	--	< 0.33	< 0.33	--	--	--	--	--	--	--
SB-31	11/02/2018	25	--	< 0.33	< 0.33	--	--	--	--	--	--	--
SB-31	11/02/2018	30	--	< 0.33	< 0.33	--	--	--	--	--	--	--
SB-31	11/02/2018	35	--	< 0.33	< 0.33	--	--	--	--	--	--	--
SB-31	11/02/2018	40	--	< 0.33	< 0.33	--	--	--	--	--	--	--
SB-32	11/02/2018	3	--	< 0.33	< 0.33	--	--	--	--	--	--	--
SB-32	11/02/2018	5	--	< 0.33	< 0.33	--	--	--	--	--	--	--
SB-32	11/02/2018	10	--	< 0.33	< 0.33	--	--	--	--	--	--	--
SB-32	11/02/2018	15	--	< 0.33	< 0.33	--	--	--	--	--	--	--
SB-32	11/02/2018	20	--	< 0.33	< 0.33	--	--	--	--	--	--	--
SB-32	11/02/2018	25	--	< 0.33	< 0.33	--	--	--	--	--	--	--
SB-32	11/02/2018	30	--	< 0.33	< 0.33	--	--	--	--	--	--	--

TABLE 2b

Soil SVOC Analytical Data

ARCO Service Station No. 465

151 Southgate Avenue

Daly City, CA

Sample I.D.	Date	Depth (ft bgs)	1,2-Dichloropropane (mg/kg)	1,3-Dichloropropane (mg/kg)	2,2-Dichloropropane (mg/kg)	1,1-Dichloropropene (mg/kg)	Hexachlorobutadiene (mg/kg)	Isopropylbenzene (mg/kg)	Methylene chloride (mg/kg)	2-Methylnaphthalene (mg/kg)	p-Isopropyltoluene (mg/kg)	n-Propylbenzene (mg/kg)
SB-23	03/28/2018	3	--	--	--	--	--	--	--	--	--	--
SB-23	03/28/2018	9	--	--	--	--	--	--	--	--	--	--
SB-23	03/28/2018	12	--	--	--	--	--	--	--	--	--	--
SB-24	03/28/2018	5	--	--	--	--	--	--	--	--	--	--
SB-24	03/28/2018	10	--	--	--	--	--	--	--	--	--	--
SB-24	03/28/2018	14	--	--	--	--	--	--	--	--	--	--
SB-25	03/28/2018	4	--	--	--	--	--	--	--	--	--	--
SB-25	03/28/2018	10	--	--	--	--	--	--	--	--	--	--
SB-25	03/28/2018	14	--	--	--	--	--	--	--	--	--	--
SB-26	03/28/2018	5	--	--	--	--	--	--	--	--	--	--
SB-26	03/28/2018	10	--	--	--	--	--	--	--	--	--	--
SB-26	03/28/2018	14	--	--	--	--	--	--	--	--	--	--
SB-27	03/28/2018	4	--	--	--	--	--	--	--	--	--	--
SB-27	03/28/2018	10	--	--	--	--	--	--	--	--	--	--
SB-27	03/28/2018	14	--	--	--	--	--	--	--	--	--	--
SB-28	03/28/2018	5	--	--	--	--	--	--	--	--	--	--
SB-28	03/28/2018	10	--	--	--	--	--	--	--	--	--	--
SB-28	03/28/2018	14	--	--	--	--	--	--	--	--	--	--
SB-29	03/28/2018	5	--	--	--	--	--	--	--	--	--	--
SB-29	03/28/2018	10	--	--	--	--	--	--	--	--	--	--
SB-29	03/28/2018	14	--	--	--	--	--	--	--	--	--	--
SB-30	05/09/2018	66	--	--	--	--	--	--	--	--	--	--
SB-30	05/09/2018	76	--	--	--	--	--	--	--	--	--	--
SB-30	05/09/2018	81	--	--	--	--	--	--	--	--	--	--
SB-30	05/09/2018	86	--	--	--	--	--	--	--	--	--	--
SB-30	05/09/2018	91	--	--	--	--	--	--	--	--	--	--
SB-30	05/09/2018	96	--	--	--	--	--	--	--	--	--	--
SB-30	05/09/2018	101	--	--	--	--	--	--	--	--	--	--
SB-30	05/09/2018	105	--	--	--	--	--	--	--	--	--	--
SB-30	05/09/2018	110	--	--	--	--	--	--	--	--	--	--
SB-31	11/02/2018	5	--	--	--	--	< 0.33	--	--	< 0.33	--	--
SB-31	11/02/2018	10	--	--	--	--	< 1.6	--	--	< 1.6	--	--
SB-31	11/02/2018	15	--	--	--	--	< 0.33	--	--	< 0.33	--	--
SB-31	11/02/2018	18	--	--	--	--	< 0.33	--	--	< 0.33	--	--
SB-31	11/02/2018	20	--	--	--	--	< 0.33	--	--	< 0.33	--	--
SB-31	11/02/2018	25	--	--	--	--	< 0.33	--	--	**3.4**	--	--
SB-31	11/02/2018	30	--	--	--	--	< 0.33	--	--	< 0.33	--	--
SB-31	11/02/2018	35	--	--	--	--	< 0.33	--	--	< 0.33	--	--
SB-31	11/02/2018	40	--	--	--	--	< 0.33	--	--	< 0.33	--	--
SB-32	11/02/2018	3	--	--	--	--	< 0.33	--	--	< 0.33	--	--
SB-32	11/02/2018	5	--	--	--	--	< 0.33	--	--	< 0.33	--	--
SB-32	11/02/2018	10	--	--	--	--	< 0.33	--	--	< 0.33	--	--
SB-32	11/02/2018	15	--	--	--	--	< 0.33	--	--	< 0.33	--	--
SB-32	11/02/2018	20	--	--	--	--	< 0.33	--	--	< 0.33	--	--
SB-32	11/02/2018	25	--	--	--	--	< 0.33	--	--	**2.3**	--	--
SB-32	11/02/2018	30	--	--	--	--	< 0.33	--	--	**4.6**	--	--

TABLE 2b
Soil SVOC Analytical Data
ARCO Service Station No. 465
151 Southgate Avenue
Daly City, CA

Sample I.D.	Date	Depth (ft bgs)	Styrene (mg/kg)	1,1,1,2-Tetrachloroethane (mg/kg)	1,1,2,2-Tetrachloroethane (mg/kg)	Tetrachloroethene (mg/kg)	1,2,3-Trichlorobenzene (mg/kg)	1,2,4-Trichlorobenzene (mg/kg)	1,1,2-Trichloroethane (mg/kg)	Trichloroethene (mg/kg)	Trichlorofluoromethane (mg/kg)	1,2,3-Trichloropropane (mg/kg)
SB-23	03/28/2018	3	--	--	--	--	--	--	--	--	--	--
SB-23	03/28/2018	9	--	--	--	--	--	--	--	--	--	--
SB-23	03/28/2018	12	--	--	--	--	--	--	--	--	--	--
SB-24	03/28/2018	5	--	--	--	--	--	--	--	--	--	--
SB-24	03/28/2018	10	--	--	--	--	--	--	--	--	--	--
SB-24	03/28/2018	14	--	--	--	--	--	--	--	--	--	--
SB-25	03/28/2018	4	--	--	--	--	--	--	--	--	--	--
SB-25	03/28/2018	10	--	--	--	--	--	--	--	--	--	--
SB-25	03/28/2018	14	--	--	--	--	--	--	--	--	--	--
SB-26	03/28/2018	5	--	--	--	--	--	--	--	--	--	--
SB-26	03/28/2018	10	--	--	--	--	--	--	--	--	--	--
SB-26	03/28/2018	14	--	--	--	--	--	--	--	--	--	--
SB-27	03/28/2018	4	--	--	--	--	--	--	--	--	--	--
SB-27	03/28/2018	10	--	--	--	--	--	--	--	--	--	--
SB-27	03/28/2018	14	--	--	--	--	--	--	--	--	--	--
SB-28	03/28/2018	5	--	--	--	--	--	--	--	--	--	--
SB-28	03/28/2018	10	--	--	--	--	--	--	--	--	--	--
SB-28	03/28/2018	14	--	--	--	--	--	--	--	--	--	--
SB-29	03/28/2018	5	--	--	--	--	--	--	--	--	--	--
SB-29	03/28/2018	10	--	--	--	--	--	--	--	--	--	--
SB-29	03/28/2018	14	--	--	--	--	--	--	--	--	--	--
SB-30	05/09/2018	66	--	--	--	--	--	--	--	--	--	--
SB-30	05/09/2018	76	--	--	--	--	--	--	--	--	--	--
SB-30	05/09/2018	81	--	--	--	--	--	--	--	--	--	--
SB-30	05/09/2018	86	--	--	--	--	--	--	--	--	--	--
SB-30	05/09/2018	91	--	--	--	--	--	--	--	--	--	--
SB-30	05/09/2018	96	--	--	--	--	--	--	--	--	--	--
SB-30	05/09/2018	101	--	--	--	--	--	--	--	--	--	--
SB-30	05/09/2018	105	--	--	--	--	--	--	--	--	--	--
SB-30	05/09/2018	110	--	--	--	--	--	--	--	--	--	--
SB-31	11/02/2018	5	--	--	--	--	--	< 0.33	--	--	--	--
SB-31	11/02/2018	10	--	--	--	--	--	< 1.6	--	--	--	--
SB-31	11/02/2018	15	--	--	--	--	--	< 0.33	--	--	--	--
SB-31	11/02/2018	18	--	--	--	--	--	< 0.33	--	--	--	--
SB-31	11/02/2018	20	--	--	--	--	--	< 0.33	--	--	--	--
SB-31	11/02/2018	25	--	--	--	--	--	< 0.33	--	--	--	--
SB-31	11/02/2018	30	--	--	--	--	--	< 0.33	--	--	--	--
SB-31	11/02/2018	35	--	--	--	--	--	< 0.33	--	--	--	--
SB-31	11/02/2018	40	--	--	--	--	--	< 0.33	--	--	--	--
SB-32	11/02/2018	3	--	--	--	--	--	< 0.33	--	--	--	--
SB-32	11/02/2018	5	--	--	--	--	--	< 0.33	--	--	--	--
SB-32	11/02/2018	10	--	--	--	--	--	< 0.33	--	--	--	--
SB-32	11/02/2018	15	--	--	--	--	--	< 0.33	--	--	--	--
SB-32	11/02/2018	20	--	--	--	--	--	< 0.33	--	--	--	--
SB-32	11/02/2018	25	--	--	--	--	--	< 0.33	--	--	--	--
SB-32	11/02/2018	30	--	--	--	--	--	< 0.33	--	--	--	--

TABLE 2b

Soil SVOC Analytical Data

ARCO Service Station No. 465

151 Southgate Avenue

Daly City, CA

Sample I.D.	Date	Depth (ft bgs)	1,2,4-Trimethylbenzene (mg/kg)	1,3,5-Trimethylbenzene (mg/kg)	Vinyl chloride (mg/kg)	2,4,5-Trichlorophenol (mg/kg)	2,4,6-Trichlorophenol (mg/kg)	2,4-Dichlorophenol (mg/kg)	2,4-Dimethylphenol (mg/kg)	2,4-Dinitrophenol (mg/kg)	2,4-Dinitrotoluene (mg/kg)	2,6-Dinitrotoluene (mg/kg)
SB-23	03/28/2018	3	--	--	--	--	--	--	--	--	--	--
SB-23	03/28/2018	9	--	--	--	--	--	--	--	--	--	--
SB-23	03/28/2018	12	--	--	--	--	--	--	--	--	--	--
SB-24	03/28/2018	5	--	--	--	--	--	--	--	--	--	--
SB-24	03/28/2018	10	--	--	--	--	--	--	--	--	--	--
SB-24	03/28/2018	14	--	--	--	--	--	--	--	--	--	--
SB-25	03/28/2018	4	--	--	--	--	--	--	--	--	--	--
SB-25	03/28/2018	10	--	--	--	--	--	--	--	--	--	--
SB-25	03/28/2018	14	--	--	--	--	--	--	--	--	--	--
SB-26	03/28/2018	5	--	--	--	--	--	--	--	--	--	--
SB-26	03/28/2018	10	--	--	--	--	--	--	--	--	--	--
SB-26	03/28/2018	14	--	--	--	--	--	--	--	--	--	--
SB-27	03/28/2018	4	--	--	--	--	--	--	--	--	--	--
SB-27	03/28/2018	10	--	--	--	--	--	--	--	--	--	--
SB-27	03/28/2018	14	--	--	--	--	--	--	--	--	--	--
SB-28	03/28/2018	5	--	--	--	--	--	--	--	--	--	--
SB-28	03/28/2018	10	--	--	--	--	--	--	--	--	--	--
SB-28	03/28/2018	14	--	--	--	--	--	--	--	--	--	--
SB-29	03/28/2018	5	--	--	--	--	--	--	--	--	--	--
SB-29	03/28/2018	10	--	--	--	--	--	--	--	--	--	--
SB-29	03/28/2018	14	--	--	--	--	--	--	--	--	--	--
SB-30	05/09/2018	66	--	--	--	--	--	--	--	--	--	--
SB-30	05/09/2018	76	--	--	--	--	--	--	--	--	--	--
SB-30	05/09/2018	81	--	--	--	--	--	--	--	--	--	--
SB-30	05/09/2018	86	--	--	--	--	--	--	--	--	--	--
SB-30	05/09/2018	91	--	--	--	--	--	--	--	--	--	--
SB-30	05/09/2018	96	--	--	--	--	--	--	--	--	--	--
SB-30	05/09/2018	101	--	--	--	--	--	--	--	--	--	--
SB-30	05/09/2018	105	--	--	--	--	--	--	--	--	--	--
SB-30	05/09/2018	110	--	--	--	--	--	--	--	--	--	--
SB-31	11/02/2018	5	--	--	--	< 0.50	< 0.55	< 0.33	< 0.33	< 2.0	< 0.33	< 0.33
SB-31	11/02/2018	10	--	--	--	< 2.5	< 2.7	< 1.6	< 1.6	< 10	< 1.6	< 1.6
SB-31	11/02/2018	15	--	--	--	< 0.50	< 0.55	< 0.33	< 0.33	< 2.0	< 0.33	< 0.33
SB-31	11/02/2018	18	--	--	--	< 0.50	< 0.55	< 0.33	< 0.33	< 2.0	< 0.33	< 0.33
SB-31	11/02/2018	20	--	--	--	< 0.50	< 0.55	< 0.33	< 0.33	< 2.0	< 0.33	< 0.33
SB-31	11/02/2018	25	--	--	--	< 0.50	< 0.55	< 0.33	< 0.33	< 2.0	< 0.33	< 0.33
SB-31	11/02/2018	30	--	--	--	< 0.50	< 0.55	< 0.33	< 0.33	< 2.0	< 0.33	< 0.33
SB-31	11/02/2018	35	--	--	--	< 0.50	< 0.55	< 0.33	< 0.33	< 2.0	< 0.33	< 0.33
SB-31	11/02/2018	40	--	--	--	< 0.50	< 0.55	< 0.33	< 0.33	< 2.0	< 0.33	< 0.33
SB-32	11/02/2018	3	--	--	--	< 0.50	< 0.55	< 0.33	< 0.33	< 2.0	< 0.33	< 0.33
SB-32	11/02/2018	5	--	--	--	< 0.50	< 0.55	< 0.33	< 0.33	< 2.0	< 0.33	< 0.33
SB-32	11/02/2018	10	--	--	--	< 0.50	< 0.55	< 0.33	< 0.33	< 2.0	< 0.33	< 0.33
SB-32	11/02/2018	15	--	--	--	< 0.50	< 0.55	< 0.33	< 0.33	< 2.0	< 0.33	< 0.33
SB-32	11/02/2018	20	--	--	--	< 0.50	< 0.55	< 0.33	< 0.33	< 2.0	< 0.33	< 0.33
SB-32	11/02/2018	25	--	--	--	< 0.50	< 0.55	< 0.33	< 0.33	< 2.0	< 0.33	< 0.33
SB-32	11/02/2018	30	--	--	--	< 0.50	< 0.55	< 0.33	< 0.33	< 2.0	< 0.33	< 0.33

TABLE 2b
Soil SVOC Analytical Data
ARCO Service Station No. 465
151 Southgate Avenue
Daly City, CA

Sample I.D.	Date	Depth (ft bgs)	2-Chloronaphthalene (mg/kg)	2-Chlorophenol (mg/kg)	2-Methylphenol (o-Cresol) (mg/kg)	2-Nitroaniline (mg/kg)	2-Nitrophenol (mg/kg)	3,3'-Dichlorobenzidine (mg/kg)	3-Nitroaniline (mg/kg)	4,6-Dinitro-2-methylphenol (mg/kg)	4-Bromophenylphenyl ether (mg/kg)	4-Chloro-3-methylphenol (mg/kg)
SB-23	03/28/2018	3	--	--	--	--	--	--	--	--	--	--
SB-23	03/28/2018	9	--	--	--	--	--	--	--	--	--	--
SB-23	03/28/2018	12	--	--	--	--	--	--	--	--	--	--
SB-24	03/28/2018	5	--	--	--	--	--	--	--	--	--	--
SB-24	03/28/2018	10	--	--	--	--	--	--	--	--	--	--
SB-24	03/28/2018	14	--	--	--	--	--	--	--	--	--	--
SB-25	03/28/2018	4	--	--	--	--	--	--	--	--	--	--
SB-25	03/28/2018	10	--	--	--	--	--	--	--	--	--	--
SB-25	03/28/2018	14	--	--	--	--	--	--	--	--	--	--
SB-26	03/28/2018	5	--	--	--	--	--	--	--	--	--	--
SB-26	03/28/2018	10	--	--	--	--	--	--	--	--	--	--
SB-26	03/28/2018	14	--	--	--	--	--	--	--	--	--	--
SB-27	03/28/2018	4	--	--	--	--	--	--	--	--	--	--
SB-27	03/28/2018	10	--	--	--	--	--	--	--	--	--	--
SB-27	03/28/2018	14	--	--	--	--	--	--	--	--	--	--
SB-28	03/28/2018	5	--	--	--	--	--	--	--	--	--	--
SB-28	03/28/2018	10	--	--	--	--	--	--	--	--	--	--
SB-28	03/28/2018	14	--	--	--	--	--	--	--	--	--	--
SB-29	03/28/2018	5	--	--	--	--	--	--	--	--	--	--
SB-29	03/28/2018	10	--	--	--	--	--	--	--	--	--	--
SB-29	03/28/2018	14	--	--	--	--	--	--	--	--	--	--
SB-30	05/09/2018	66	--	--	--	--	--	--	--	--	--	--
SB-30	05/09/2018	76	--	--	--	--	--	--	--	--	--	--
SB-30	05/09/2018	81	--	--	--	--	--	--	--	--	--	--
SB-30	05/09/2018	86	--	--	--	--	--	--	--	--	--	--
SB-30	05/09/2018	91	--	--	--	--	--	--	--	--	--	--
SB-30	05/09/2018	96	--	--	--	--	--	--	--	--	--	--
SB-30	05/09/2018	101	--	--	--	--	--	--	--	--	--	--
SB-30	05/09/2018	105	--	--	--	--	--	--	--	--	--	--
SB-30	05/09/2018	110	--	--	--	--	--	--	--	--	--	--
SB-31	11/02/2018	5	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.83	< 0.33	< 0.42	< 0.33	< 0.40
SB-31	11/02/2018	10	< 1.6	< 1.6	< 1.6	< 1.6	< 1.6	< 4.1	< 1.6	< 2.1	< 1.6	< 2.0
SB-31	11/02/2018	15	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.83	< 0.33	< 0.42	< 0.33	< 0.40
SB-31	11/02/2018	18	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.83	< 0.33	< 0.42	< 0.33	< 0.40
SB-31	11/02/2018	20	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.83	< 0.33	< 0.42	< 0.33	< 0.40
SB-31	11/02/2018	25	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.83	< 0.33	< 0.42	< 0.33	< 0.40
SB-31	11/02/2018	30	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.83	< 0.33	< 0.42	< 0.33	< 0.40
SB-31	11/02/2018	35	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.83	< 0.33	< 0.42	< 0.33	< 0.40
SB-31	11/02/2018	40	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.83	< 0.33	< 0.42	< 0.33	< 0.40
SB-32	11/02/2018	3	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.83	< 0.33	< 0.42	< 0.33	< 0.40
SB-32	11/02/2018	5	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.83	< 0.33	< 0.42	< 0.33	< 0.40
SB-32	11/02/2018	10	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.83	< 0.33	< 0.42	< 0.33	< 0.40
SB-32	11/02/2018	15	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.83	< 0.33	< 0.42	< 0.33	< 0.40
SB-32	11/02/2018	20	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.83	< 0.33	< 0.42	< 0.33	< 0.40
SB-32	11/02/2018	25	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.83	< 0.33	< 0.42	< 0.33	< 0.40
SB-32	11/02/2018	30	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.83	< 0.33	< 0.42	< 0.33	< 0.40

TABLE 2b
Soil SVOC Analytical Data
ARCO Service Station No. 465
151 Southgate Avenue
Daly City, CA

Sample I.D.	Date	Depth (ft bgs)	4-Nitroaniline (mg/kg)	4-Nitrophenol (mg/kg)	Aniline (mg/kg)	Benzidine (mg/kg)	Benzoic acid (mg/kg)	Benzyl alcohol (mg/kg)	bis(2-Chloroethoxy)methane (mg/kg)	bis(2-Chloroethyl) ether (mg/kg)	bis(2-Ethylhexyl)phthalate (mg/kg)	Butylbenzylphthalate (mg/kg)
SB-23	03/28/2018	3	--	--	--	--	--	--	--	--	--	--
SB-23	03/28/2018	9	--	--	--	--	--	--	--	--	--	--
SB-23	03/28/2018	12	--	--	--	--	--	--	--	--	--	--
SB-24	03/28/2018	5	--	--	--	--	--	--	--	--	--	--
SB-24	03/28/2018	10	--	--	--	--	--	--	--	--	--	--
SB-24	03/28/2018	14	--	--	--	--	--	--	--	--	--	--
SB-25	03/28/2018	4	--	--	--	--	--	--	--	--	--	--
SB-25	03/28/2018	10	--	--	--	--	--	--	--	--	--	--
SB-25	03/28/2018	14	--	--	--	--	--	--	--	--	--	--
SB-26	03/28/2018	5	--	--	--	--	--	--	--	--	--	--
SB-26	03/28/2018	10	--	--	--	--	--	--	--	--	--	--
SB-26	03/28/2018	14	--	--	--	--	--	--	--	--	--	--
SB-27	03/28/2018	4	--	--	--	--	--	--	--	--	--	--
SB-27	03/28/2018	10	--	--	--	--	--	--	--	--	--	--
SB-27	03/28/2018	14	--	--	--	--	--	--	--	--	--	--
SB-28	03/28/2018	5	--	--	--	--	--	--	--	--	--	--
SB-28	03/28/2018	10	--	--	--	--	--	--	--	--	--	--
SB-28	03/28/2018	14	--	--	--	--	--	--	--	--	--	--
SB-29	03/28/2018	5	--	--	--	--	--	--	--	--	--	--
SB-29	03/28/2018	10	--	--	--	--	--	--	--	--	--	--
SB-29	03/28/2018	14	--	--	--	--	--	--	--	--	--	--
SB-30	05/09/2018	66	--	--	--	--	--	--	--	--	--	--
SB-30	05/09/2018	76	--	--	--	--	--	--	--	--	--	--
SB-30	05/09/2018	81	--	--	--	--	--	--	--	--	--	--
SB-30	05/09/2018	86	--	--	--	--	--	--	--	--	--	--
SB-30	05/09/2018	91	--	--	--	--	--	--	--	--	--	--
SB-30	05/09/2018	96	--	--	--	--	--	--	--	--	--	--
SB-30	05/09/2018	101	--	--	--	--	--	--	--	--	--	--
SB-30	05/09/2018	105	--	--	--	--	--	--	--	--	--	--
SB-30	05/09/2018	110	--	--	--	--	--	--	--	--	--	--
SB-31	11/02/2018	5	< 0.83	< 2.9	< 1.0	< 2.1	< 0.95	< 3.4	< 0.33	< 0.33	< 0.33	< 0.33
SB-31	11/02/2018	10	< 4.1	< 14	< 5.0	< 10	< 4.7	< 17	< 1.6	< 1.6	< 1.6	< 1.6
SB-31	11/02/2018	15	< 0.83	< 2.9	< 1.0	< 2.1	< 0.95	< 3.4	< 0.33	< 0.33	< 0.33	< 0.33
SB-31	11/02/2018	18	< 0.83	< 2.9	< 1.0	< 2.1	< 0.95	< 3.4	< 0.33	< 0.33	< 0.33	< 0.33
SB-31	11/02/2018	20	< 0.83	< 2.9	< 1.0	< 2.1	< 0.95	< 3.4	< 0.33	< 0.33	< 0.33	< 0.33
SB-31	11/02/2018	25	< 0.83	< 2.9	< 1.0	< 2.1	< 0.95	< 3.4	< 0.33	< 0.33	< 0.33	< 0.33
SB-31	11/02/2018	30	< 0.83	< 2.9	< 1.0	< 2.1	< 0.95	< 3.4	< 0.33	< 0.33	< 0.33	< 0.33
SB-31	11/02/2018	35	< 0.83	< 2.9	< 1.0	< 2.1	< 0.95	< 3.4	< 0.33	< 0.33	< 0.33	< 0.33
SB-31	11/02/2018	40	< 0.83	< 2.9	< 1.0	< 2.1	< 0.95	< 3.4	< 0.33	< 0.33	< 0.33	< 0.33
SB-32	11/02/2018	3	< 0.83	< 2.9	< 1.0	< 2.1	< 0.95	< 3.4	< 0.33	< 0.33	< 0.33	< 0.33
SB-32	11/02/2018	5	< 0.83	< 2.9	< 1.0	< 2.1	< 0.95	< 3.4	< 0.33	< 0.33	< 0.33	< 0.33
SB-32	11/02/2018	10	< 0.83	< 2.9	< 1.0	< 2.1	< 0.95	< 3.4	< 0.33	< 0.33	< 0.33	< 0.33
SB-32	11/02/2018	15	< 0.83	< 2.9	< 1.0	< 2.1	< 0.95	< 3.4	< 0.33	< 0.33	< 0.33	< 0.33
SB-32	11/02/2018	20	< 0.83	< 2.9	< 1.0	< 2.1	< 0.95	< 3.4	< 0.33	< 0.33	< 0.33	< 0.33
SB-32	11/02/2018	25	< 0.83	< 2.9	< 1.0	< 2.1	< 0.95	< 3.4	< 0.33	< 0.33	< 0.33	< 0.33
SB-32	11/02/2018	30	< 0.83	< 2.9	< 1.0	< 2.1	< 0.95	< 3.4	< 0.33	< 0.33	< 0.33	< 0.33

TABLE 2b
Soil SVOC Analytical Data
ARCO Service Station No. 465
151 Southgate Avenue
Daly City, CA

Sample I.D.	Date	Depth (ft bgs)	Dibenzo(a,h)anthracene (mg/kg)	Dibenzofuran (mg/kg)	Diethylphthalate (mg/kg)	Dimethylphthalate (mg/kg)	Di-n-butylphthalate (mg/kg)	Di-n-octylphthalate (mg/kg)	Hexachlorobenzene (mg/kg)	Hexachlorocyclopentadiene (mg/kg)	Hexachloroethane (mg/kg)	Indeno (1,2,3-cd) pyrene (mg/kg)
SB-23	03/28/2018	3	< 0.03	--	--	--	--	--	--	--	--	< 0.03
SB-23	03/28/2018	9	< 0.03	--	--	--	--	--	--	--	--	< 0.03
SB-23	03/28/2018	12	< 0.03	--	--	--	--	--	--	--	--	< 0.03
SB-24	03/28/2018	5	< 0.03	--	--	--	--	--	--	--	--	< 0.03
SB-24	03/28/2018	10	< 0.03	--	--	--	--	--	--	--	--	< 0.03
SB-24	03/28/2018	14	< 0.03	--	--	--	--	--	--	--	--	< 0.03
SB-25	03/28/2018	4	< 0.03	--	--	--	--	--	--	--	--	< 0.03
SB-25	03/28/2018	10	< 0.03	--	--	--	--	--	--	--	--	< 0.03
SB-25	03/28/2018	14	< 0.03	--	--	--	--	--	--	--	--	< 0.03
SB-26	03/28/2018	5	< 0.03	--	--	--	--	--	--	--	--	< 0.03
SB-26	03/28/2018	10	< 0.03	--	--	--	--	--	--	--	--	< 0.03
SB-26	03/28/2018	14	< 0.03	--	--	--	--	--	--	--	--	< 0.03
SB-27	03/28/2018	4	< 0.03	--	--	--	--	--	--	--	--	< 0.03
SB-27	03/28/2018	10	< 0.03	--	--	--	--	--	--	--	--	< 0.03
SB-27	03/28/2018	14	< 0.029	--	--	--	--	--	--	--	--	< 0.029
SB-28	03/28/2018	5	< 0.029	--	--	--	--	--	--	--	--	< 0.029
SB-28	03/28/2018	10	< 0.029	--	--	--	--	--	--	--	--	< 0.029
SB-28	03/28/2018	14	< 0.03	--	--	--	--	--	--	--	--	< 0.03
SB-29	03/28/2018	5	< 0.029	--	--	--	--	--	--	--	--	< 0.029
SB-29	03/28/2018	10	< 0.03	--	--	--	--	--	--	--	--	< 0.03
SB-29	03/28/2018	14	< 0.029	--	--	--	--	--	--	--	--	< 0.029
SB-30	05/09/2018	66	< 0.03	--	--	--	--	--	--	--	--	< 0.03
SB-30	05/09/2018	76	< 0.028	--	--	--	--	--	--	--	--	< 0.028
SB-30	05/09/2018	81	< 0.03	--	--	--	--	--	--	--	--	< 0.03
SB-30	05/09/2018	86	< 0.03	--	--	--	--	--	--	--	--	< 0.03
SB-30	05/09/2018	91	< 0.03	--	--	--	--	--	--	--	--	< 0.03
SB-30	05/09/2018	96	< 0.03	--	--	--	--	--	--	--	--	< 0.03
SB-30	05/09/2018	101	< 0.03	--	--	--	--	--	--	--	--	< 0.03
SB-30	05/09/2018	105	< 0.03	--	--	--	--	--	--	--	--	< 0.03
SB-30	05/09/2018	110	< 0.03	--	--	--	--	--	--	--	--	< 0.03
SB-31	11/02/2018	5	< 0.42	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.83	< 0.33	< 0.33
SB-31	11/02/2018	10	< 2.1	< 1.6	< 1.6	< 1.6	< 1.6	< 1.6	< 1.6	< 4.1	< 1.6	< 1.6
SB-31	11/02/2018	15	< 0.42	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.83	< 0.33	< 0.33
SB-31	11/02/2018	18	< 0.42	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.83	< 0.33	< 0.33
SB-31	11/02/2018	20	< 0.42	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.83	< 0.33	< 0.33
SB-31	11/02/2018	25	< 0.42	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.83	< 0.33	< 0.33
SB-31	11/02/2018	30	< 0.42	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.83	< 0.33	< 0.33
SB-31	11/02/2018	35	< 0.42	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.83	< 0.33	< 0.33
SB-31	11/02/2018	40	< 0.42	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.83	< 0.33	< 0.33
SB-32	11/02/2018	3	< 0.42	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.83	< 0.33	< 0.33
SB-32	11/02/2018	5	< 0.42	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.83	< 0.33	< 0.33
SB-32	11/02/2018	10	< 0.42	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.83	< 0.33	< 0.33
SB-32	11/02/2018	15	< 0.42	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.83	< 0.33	< 0.33
SB-32	11/02/2018	20	< 0.42	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.83	< 0.33	< 0.33
SB-32	11/02/2018	25	< 0.42	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.83	< 0.33	< 0.33
SB-32	11/02/2018	30	< 0.42	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.83	< 0.33	< 0.33

TABLE 2b
Soil SVOC Analytical Data
ARCO Service Station No. 465
151 Southgate Avenue
Daly City, CA

Sample I.D.	Date	Depth (ft bgs)	Isophorone (mg/kg)	Nitrobenzene (mg/kg)	N-Nitroso-di-n-propylamine (mg/kg)	N-Nitrosodiphenylamine (mg/kg)	Pentachlorophenol (mg/kg)	Phenol (mg/kg)	N-Nitrosodimethylamine (mg/kg)	Pyridine (mg/kg)
SB-23	03/28/2018	3	--	--	--	--	--	--	--	--
SB-23	03/28/2018	9	--	--	--	--	--	--	--	--
SB-23	03/28/2018	12	--	--	--	--	--	--	--	--
SB-24	03/28/2018	5	--	--	--	--	--	--	--	--
SB-24	03/28/2018	10	--	--	--	--	--	--	--	--
SB-24	03/28/2018	14	--	--	--	--	--	--	--	--
SB-25	03/28/2018	4	--	--	--	--	--	--	--	--
SB-25	03/28/2018	10	--	--	--	--	--	--	--	--
SB-25	03/28/2018	14	--	--	--	--	--	--	--	--
SB-26	03/28/2018	5	--	--	--	--	--	--	--	--
SB-26	03/28/2018	10	--	--	--	--	--	--	--	--
SB-26	03/28/2018	14	--	--	--	--	--	--	--	--
SB-27	03/28/2018	4	--	--	--	--	--	--	--	--
SB-27	03/28/2018	10	--	--	--	--	--	--	--	--
SB-27	03/28/2018	14	--	--	--	--	--	--	--	--
SB-28	03/28/2018	5	--	--	--	--	--	--	--	--
SB-28	03/28/2018	10	--	--	--	--	--	--	--	--
SB-28	03/28/2018	14	--	--	--	--	--	--	--	--
SB-29	03/28/2018	5	--	--	--	--	--	--	--	--
SB-29	03/28/2018	10	--	--	--	--	--	--	--	--
SB-29	03/28/2018	14	--	--	--	--	--	--	--	--
SB-30	05/09/2018	66	--	--	--	--	--	--	--	--
SB-30	05/09/2018	76	--	--	--	--	--	--	--	--
SB-30	05/09/2018	81	--	--	--	--	--	--	--	--
SB-30	05/09/2018	86	--	--	--	--	--	--	--	--
SB-30	05/09/2018	91	--	--	--	--	--	--	--	--
SB-30	05/09/2018	96	--	--	--	--	--	--	--	--
SB-30	05/09/2018	101	--	--	--	--	--	--	--	--
SB-30	05/09/2018	105	--	--	--	--	--	--	--	--
SB-30	05/09/2018	110	--	--	--	--	--	--	--	--
SB-31	11/02/2018	5	< 0.33	< 0.33	< 0.25	< 0.75	< 0.83	< 0.33	< 0.33	< 0.34
SB-31	11/02/2018	10	< 1.6	< 1.6	< 1.2	< 3.7	< 4.1	< 1.6	< 1.6	< 1.7
SB-31	11/02/2018	15	< 0.33	< 0.33	< 0.25	< 0.75	< 0.83	< 0.33	< 0.33	< 0.34
SB-31	11/02/2018	18	< 0.33	< 0.33	< 0.25	< 0.75	< 0.83	< 0.33	< 0.33	< 0.34
SB-31	11/02/2018	20	< 0.33	< 0.33	< 0.25	< 0.75	< 0.83	< 0.33	< 0.33	< 0.34
SB-31	11/02/2018	25	< 0.33	< 0.33	< 0.25	< 0.75	< 0.83	< 0.33	< 0.33	< 0.34
SB-31	11/02/2018	30	< 0.33	< 0.33	< 0.25	< 0.75	< 0.83	< 0.33	< 0.33	< 0.34
SB-31	11/02/2018	35	< 0.33	< 0.33	< 0.25	< 0.75	< 0.83	< 0.33	< 0.33	< 0.34
SB-31	11/02/2018	40	< 0.33	< 0.33	< 0.25	< 0.75	< 0.83	< 0.33	< 0.33	< 0.34
SB-32	11/02/2018	3	< 0.33	< 0.33	< 0.25	< 0.75	< 0.83	< 0.33	< 0.33	< 0.34
SB-32	11/02/2018	5	< 0.33	< 0.33	< 0.25	< 0.75	< 0.83	< 0.33	< 0.33	< 0.34
SB-32	11/02/2018	10	< 0.33	< 0.33	< 0.25	< 0.75	< 0.83	< 0.33	< 0.33	< 0.34
SB-32	11/02/2018	15	< 0.33	< 0.33	< 0.25	< 0.75	< 0.83	< 0.33	< 0.33	< 0.34
SB-32	11/02/2018	20	< 0.33	< 0.33	< 0.25	< 0.75	< 0.83	< 0.33	< 0.33	< 0.34
SB-32	11/02/2018	25	< 0.33	< 0.33	< 0.25	< 0.75	< 0.83	< 0.33	< 0.33	< 0.34
SB-32	11/02/2018	30	< 0.33	< 0.33	< 0.25	< 0.75	< 0.83	< 0.33	< 0.33	< 0.34

TABLE 2b
Soil SVOC Analytical Data
ARCO Service Station No. 465
151 Southgate Avenue
Daly City, CA

Sample I.D.	Date	Depth (ft bgs)	Acenaphthene (mg/kg)	Acenaphthylene (mg/kg)	Anthracene (mg/kg)	Benzo(a)anthracene (mg/kg)	Benzo(a)pyrene (mg/kg)	Benzo(b)fluoranthene (mg/kg)	Benzo(g,h,i)perylene (mg/kg)	Benzo(k)fluoranthene (mg/kg)	Chrysene (mg/kg)	Fluoranthene (mg/kg)
SB-32	11/02/2018	35	< 0.35	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33
SB-32	11/02/2018	40	< 0.35	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33
HA-1	12/10/2014	3	--	--	--	--	--	--	--	--	--	--
HA-1	12/10/2014	5	--	--	--	--	--	--	--	--	--	--
HA-2	12/10/2014	3	--	--	--	--	--	--	--	--	--	--
HA-2	12/10/2014	5	--	--	--	--	--	--	--	--	--	--
HA-3	12/09/2014	3	--	--	--	--	--	--	--	--	--	--
HA-3	12/09/2014	5	--	--	--	--	--	--	--	--	--	--
MW-5	11/30/2001	5.5	--	--	--	--	--	--	--	--	--	--
MW-5	11/30/2001	10.5	--	--	--	--	--	--	--	--	--	--
MW-5	11/30/2001	15.5	--	--	--	--	--	--	--	--	--	--
MW-5	11/30/2001	20.5	--	--	--	--	--	--	--	--	--	--
MW-5	11/30/2001	25.5	--	--	--	--	--	--	--	--	--	--
MW-5	11/30/2001	30.5	--	--	--	--	--	--	--	--	--	--
MW-5	11/30/2001	35.5	--	--	--	--	--	--	--	--	--	--
MW-5	11/30/2001	40.5	--	--	--	--	--	--	--	--	--	--
MW-5	11/30/2001	45.5	--	--	--	--	--	--	--	--	--	--
MW-5	11/30/2001	50.5	--	--	--	--	--	--	--	--	--	--
MW-5	11/30/2001	56	--	--	--	--	--	--	--	--	--	--
MW-16D	03/07/2019	66.5	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.33
MW-16D	03/11/2019	70	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.33
MW-16D	03/11/2019	76	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.33
MW-16D	03/11/2019	81	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.33
MW-16D	03/11/2019	86	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.32
MW-16D	03/11/2019	91	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.33
MW-16D	03/11/2019	96	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.33
MW-16D	03/11/2019	101	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.33
MW-16D	03/11/2019	105	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.33
MW-16D	03/12/2019	110	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.33
MW-16D	03/12/2019	115	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.33
MW-16D	03/12/2019	120	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.33
MW-16D	03/12/2019	125	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.32
MW-16D	03/12/2019	130	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.33
MW-16D	03/12/2019	135	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.33
MW-18D	02/28/2019	50	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.32
MW-18D	02/28/2019	65	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.33
MW-18D	03/01/2019	70	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.33
MW-18D	03/01/2019	80	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.33
MW-18D	03/01/2019	90	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.33
MW-18D	03/01/2019	100	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.33
MW-18D	03/01/2019	110	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.33
MW-18D	03/04/2019	115	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.33
MW-18D	03/04/2019	120	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.33
MW-18D	03/04/2019	125	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.33
MW-18D	03/04/2019	130	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.33
MW-18D	03/04/2019	140	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.33
MW-18D	03/05/2019	143.5	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.33
MW-19	05/17/2016	62	--	--	--	--	--	--	--	--	--	--

TABLE 2b
Soil SVOC Analytical Data
ARCO Service Station No. 465
151 Southgate Avenue
Daly City, CA

Sample I.D.	Date	Depth (ft bgs)	Fluorene (mg/kg)	Phenanthrene (mg/kg)	Pyrene (mg/kg)	Bromobenzene (mg/kg)	Bromodichloromethane (mg/kg)	Bromoform (mg/kg)	Bromomethane (mg/kg)	sec-Butylbenzene (mg/kg)	tert-Butylbenzene (mg/kg)	n-Butylbenzene (mg/kg)
SB-32	11/02/2018	35	< 0.33	< 0.33	< 0.33	--	--	--	--	--	--	--
SB-32	11/02/2018	40	< 0.33	< 0.33	< 0.33	--	--	--	--	--	--	--
HA-1	12/10/2014	3	--	--	--	--	--	--	--	--	--	--
HA-1	12/10/2014	5	--	--	--	--	--	--	--	--	--	--
HA-2	12/10/2014	3	--	--	--	--	--	--	--	--	--	--
HA-2	12/10/2014	5	--	--	--	--	--	--	--	--	--	--
HA-3	12/09/2014	3	--	--	--	--	--	--	--	--	--	--
HA-3	12/09/2014	5	--	--	--	--	--	--	--	--	--	--
MW-5	11/30/2001	5.5	--	--	--	< 0.2	< 0.2	< 0.1	< 0.5	< 0.25	< 0.2	< 0.2
MW-5	11/30/2001	10.5	--	--	--	< 0.2	< 0.2	< 0.1	< 0.5	**0.25**	< 0.2	**0.32**
MW-5	11/30/2001	15.5	--	--	--	< 0.2	< 0.2	< 0.1	< 0.5	**2.2**	**0.4**	**1.6**
MW-5	11/30/2001	20.5	--	--	--	< 0.2	< 0.2	< 0.1	< 0.5	**4.5**	< 0.2	**4**
MW-5	11/30/2001	25.5	--	--	--	< 0.2	< 0.2	< 0.1	< 0.5	**7.8**	< 0.2	**15**
MW-5	11/30/2001	30.5	--	--	--	< 0.2	< 0.2	< 0.1	< 0.5	**1.3**	< 0.2	**4.2**
MW-5	11/30/2001	35.5	--	--	--	< 0.2	< 0.2	< 0.1	< 0.5	**0.71**	< 0.2	**2.4**
MW-5	11/30/2001	40.5	--	--	--	< 0.2	< 0.2	< 0.1	< 0.5	< 0.25	< 0.2	< 0.2
MW-5	11/30/2001	45.5	--	--	--	< 0.2	< 0.2	< 0.1	< 0.5	< 0.25	< 0.2	< 0.2
MW-5	11/30/2001	50.5	--	--	--	< 0.2	< 0.2	< 0.1	< 0.5	< 0.25	< 0.2	< 0.2
MW-5	11/30/2001	56	--	--	--	< 0.2	< 0.2	< 0.1	< 0.5	< 0.25	< 0.2	< 0.2
MW-16D	03/07/2019	66.5	< 0.25	< 0.33	< 0.25	--	--	--	--	--	--	--
MW-16D	03/11/2019	70	< 0.25	< 0.33	< 0.25	--	--	--	--	--	--	--
MW-16D	03/11/2019	76	< 0.25	< 0.33	< 0.25	--	--	--	--	--	--	--
MW-16D	03/11/2019	81	< 0.25	< 0.33	< 0.25	--	--	--	--	--	--	--
MW-16D	03/11/2019	86	< 0.25	< 0.32	< 0.25	--	--	--	--	--	--	--
MW-16D	03/11/2019	91	< 0.25	< 0.33	< 0.25	--	--	--	--	--	--	--
MW-16D	03/11/2019	96	< 0.25	< 0.33	< 0.25	--	--	--	--	--	--	--
MW-16D	03/11/2019	101	< 0.25	< 0.33	< 0.25	--	--	--	--	--	--	--
MW-16D	03/11/2019	105	< 0.25	< 0.33	< 0.25	--	--	--	--	--	--	--
MW-16D	03/12/2019	110	< 0.25	< 0.33	< 0.25	--	--	--	--	--	--	--
MW-16D	03/12/2019	115	< 0.25	< 0.33	< 0.25	--	--	--	--	--	--	--
MW-16D	03/12/2019	120	< 0.25	< 0.33	< 0.25	--	--	--	--	--	--	--
MW-16D	03/12/2019	125	< 0.25	< 0.32	< 0.25	--	--	--	--	--	--	--
MW-16D	03/12/2019	130	< 0.25	< 0.33	< 0.25	--	--	--	--	--	--	--
MW-16D	03/12/2019	135	< 0.25	< 0.33	< 0.25	--	--	--	--	--	--	--
MW-18D	02/28/2019	50	< 0.25	< 0.32	< 0.25	--	--	--	--	--	--	--
MW-18D	02/28/2019	65	< 0.25	< 0.33	< 0.25	--	--	--	--	--	--	--
MW-18D	03/01/2019	70	< 0.25	< 0.33	< 0.25	--	--	--	--	--	--	--
MW-18D	03/01/2019	80	< 0.25	< 0.33	< 0.25	--	--	--	--	--	--	--
MW-18D	03/01/2019	90	< 0.25	< 0.33	< 0.25	--	--	--	--	--	--	--
MW-18D	03/01/2019	100	< 0.25	< 0.33	< 0.25	--	--	--	--	--	--	--
MW-18D	03/01/2019	110	< 0.25	< 0.33	< 0.25	--	--	--	--	--	--	--
MW-18D	03/04/2019	115	< 0.25	< 0.33	< 0.25	--	--	--	--	--	--	--
MW-18D	03/04/2019	120	< 0.25	< 0.33	< 0.25	--	--	--	--	--	--	--
MW-18D	03/04/2019	125	< 0.25	< 0.33	< 0.25	--	--	--	--	--	--	--
MW-18D	03/04/2019	130	< 0.25	< 0.33	< 0.25	--	--	--	--	--	--	--
MW-18D	03/04/2019	140	< 0.25	< 0.33	< 0.25	--	--	--	--	--	--	--
MW-18D	03/05/2019	143.5	< 0.25	< 0.33	< 0.25	--	--	--	--	--	--	--
MW-19	05/17/2016	62	--	--	--	--	--	--	--	--	--	--

TABLE 2b
Soil SVOC Analytical Data
ARCO Service Station No. 465
151 Southgate Avenue
Daly City, CA

Sample I.D.	Date	Depth (ft bgs)	Carbon tetrachloride (mg/kg)	Chlorobenzene (mg/kg)	Chloroethane (mg/kg)	Chloroform (mg/kg)	Chloromethane (mg/kg)	4-Chlorotoluene (mg/kg)	2-Chlorotoluene (mg/kg)	1,2-Dibromo-3-chloropropane (mg/kg)	Dibromochloromethane (mg/kg)	Dibromomethane (mg/kg)
SB-32	11/02/2018	35	--	--	--	--	--	--	--	--	--	--
SB-32	11/02/2018	40	--	--	--	--	--	--	--	--	--	--
HA-1	12/10/2014	3	--	--	--	--	--	--	--	--	--	--
HA-1	12/10/2014	5	--	--	--	--	--	--	--	--	--	--
HA-2	12/10/2014	3	--	--	--	--	--	--	--	--	--	--
HA-2	12/10/2014	5	--	--	--	--	--	--	--	--	--	--
HA-3	12/09/2014	3	--	--	--	--	--	--	--	--	--	--
HA-3	12/09/2014	5	--	--	--	--	--	--	--	--	--	--
MW-5	11/30/2001	5.5	< 0.5	< 0.5	< 0.2	< 0.1	< 0.2	< 0.1	< 0.2	< 0.5	< 0.2	< 0.25
MW-5	11/30/2001	10.5	< 1	< 0.1	< 0.2	< 0.1	< 0.2	< 0.1	< 0.2	< 0.5	< 0.1	< 0.25
MW-5	11/30/2001	15.5	< 1	< 0.1	< 0.2	< 0.1	< 0.2	< 0.1	< 0.2	< 0.5	< 0.1	< 0.25
MW-5	11/30/2001	20.5	< 1	< 0.1	< 0.2	< 0.1	< 0.2	< 0.1	< 0.2	< 0.5	< 0.1	< 0.25
MW-5	11/30/2001	25.5	< 1	< 0.1	< 0.2	< 0.1	< 0.2	< 0.1	< 0.2	< 0.5	< 0.1	< 0.25
MW-5	11/30/2001	30.5	< 1	< 0.1	< 0.2	< 0.1	< 0.2	< 0.1	< 0.2	< 0.5	< 0.1	< 0.25
MW-5	11/30/2001	35.5	< 1	< 0.1	< 0.2	< 0.1	< 0.2	**1.2**	< 0.2	< 0.5	< 0.1	< 0.25
MW-5	11/30/2001	40.5	< 1	< 0.1	< 0.2	< 0.1	< 0.2	< 0.1	< 0.2	< 0.5	< 0.1	< 0.25
MW-5	11/30/2001	45.5	< 1	< 0.1	< 0.2	< 0.1	< 0.2	< 0.1	< 0.2	< 0.5	< 0.1	< 0.25
MW-5	11/30/2001	50.5	< 1	< 0.1	< 0.2	< 0.1	< 0.2	< 0.1	< 0.2	< 0.5	< 0.1	< 0.25
MW-5	11/30/2001	56	< 1	< 0.1	< 0.2	< 0.1	< 0.2	< 0.1	< 0.2	< 0.5	< 0.1	< 0.25
MW-16D	03/07/2019	66.5	--	--	--	--	--	--	--	--	--	--
MW-16D	03/11/2019	70	--	--	--	--	--	--	--	--	--	--
MW-16D	03/11/2019	76	--	--	--	--	--	--	--	--	--	--
MW-16D	03/11/2019	81	--	--	--	--	--	--	--	--	--	--
MW-16D	03/11/2019	86	--	--	--	--	--	--	--	--	--	--
MW-16D	03/11/2019	91	--	--	--	--	--	--	--	--	--	--
MW-16D	03/11/2019	96	--	--	--	--	--	--	--	--	--	--
MW-16D	03/11/2019	101	--	--	--	--	--	--	--	--	--	--
MW-16D	03/11/2019	105	--	--	--	--	--	--	--	--	--	--
MW-16D	03/12/2019	110	--	--	--	--	--	--	--	--	--	--
MW-16D	03/12/2019	115	--	--	--	--	--	--	--	--	--	--
MW-16D	03/12/2019	120	--	--	--	--	--	--	--	--	--	--
MW-16D	03/12/2019	125	--	--	--	--	--	--	--	--	--	--
MW-16D	03/12/2019	130	--	--	--	--	--	--	--	--	--	--
MW-16D	03/12/2019	135	--	--	--	--	--	--	--	--	--	--
MW-18D	02/28/2019	50	--	--	--	--	--	--	--	--	--	--
MW-18D	02/28/2019	65	--	--	--	--	--	--	--	--	--	--
MW-18D	03/01/2019	70	--	--	--	--	--	--	--	--	--	--
MW-18D	03/01/2019	80	--	--	--	--	--	--	--	--	--	--
MW-18D	03/01/2019	90	--	--	--	--	--	--	--	--	--	--
MW-18D	03/01/2019	100	--	--	--	--	--	--	--	--	--	--
MW-18D	03/01/2019	110	--	--	--	--	--	--	--	--	--	--
MW-18D	03/04/2019	115	--	--	--	--	--	--	--	--	--	--
MW-18D	03/04/2019	120	--	--	--	--	--	--	--	--	--	--
MW-18D	03/04/2019	125	--	--	--	--	--	--	--	--	--	--
MW-18D	03/04/2019	130	--	--	--	--	--	--	--	--	--	--
MW-18D	03/04/2019	140	--	--	--	--	--	--	--	--	--	--
MW-18D	03/05/2019	143.5	--	--	--	--	--	--	--	--	--	--
MW-19	05/17/2016	62	--	--	--	--	--	--	--	--	--	--

TABLE 2b
Soil SVOC Analytical Data
ARCO Service Station No. 465
151 Southgate Avenue
Daly City, CA

Sample I.D.	Date	Depth (ft bgs)	1,2-Dichlorobenzene (mg/kg)	1,3-Dichlorobenzene (mg/kg)	1,4-Dichlorobenzene (mg/kg)	Dichlorodifluoromethane (mg/kg)	1,1-Dichloroethane (mg/kg)	1,1-Dichloroethylene (mg/kg)	cis-1,2-Dichloroethene (mg/kg)	cis-1,3-Dichloropropene (mg/kg)	trans-1,2-Dichloroethene (mg/kg)	trans-1,3-Dichloropropene (mg/kg)
SB-32	11/02/2018	35	--	< 0.33	< 0.33	--	--	--	--	--	--	--
SB-32	11/02/2018	40	--	< 0.33	< 0.33	--	--	--	--	--	--	--
HA-1	12/10/2014	3	--	--	--	--	--	--	--	--	--	--
HA-1	12/10/2014	5	--	--	--	--	--	--	--	--	--	--
HA-2	12/10/2014	3	--	--	--	--	--	--	--	--	--	--
HA-2	12/10/2014	5	--	--	--	--	--	--	--	--	--	--
HA-3	12/09/2014	3	--	--	--	--	--	--	--	--	--	--
HA-3	12/09/2014	5	--	--	--	--	--	--	--	--	--	--
MW-5	11/30/2001	5.5	< 0.1	< 0.1	< 0.1	< 0.1	< 0.2	< 0.2	< 0.2	--	< 0.2	--
MW-5	11/30/2001	10.5	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.2	< 0.2	--	< 0.25	--
MW-5	11/30/2001	15.5	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.2	< 0.2	--	< 0.25	--
MW-5	11/30/2001	20.5	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.2	< 0.2	--	< 0.25	--
MW-5	11/30/2001	25.5	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.2	< 0.2	--	< 0.25	--
MW-5	11/30/2001	30.5	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.2	< 0.2	--	< 0.25	--
MW-5	11/30/2001	35.5	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.2	< 0.2	--	< 0.25	--
MW-5	11/30/2001	40.5	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.2	< 0.2	--	< 0.25	--
MW-5	11/30/2001	45.5	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.2	< 0.2	--	< 0.25	--
MW-5	11/30/2001	50.5	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.2	< 0.2	--	< 0.25	--
MW-5	11/30/2001	56	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.2	< 0.2	--	< 0.25	--
MW-16D	03/07/2019	66.5	--	< 0.25	< 0.25	--	--	--	--	--	--	--
MW-16D	03/11/2019	70	--	< 0.25	< 0.25	--	--	--	--	--	--	--
MW-16D	03/11/2019	76	--	< 0.25	< 0.25	--	--	--	--	--	--	--
MW-16D	03/11/2019	81	--	< 0.25	< 0.25	--	--	--	--	--	--	--
MW-16D	03/11/2019	86	--	< 0.25	< 0.25	--	--	--	--	--	--	--
MW-16D	03/11/2019	91	--	< 0.25	< 0.25	--	--	--	--	--	--	--
MW-16D	03/11/2019	96	--	< 0.25	< 0.25	--	--	--	--	--	--	--
MW-16D	03/11/2019	101	--	< 0.25	< 0.25	--	--	--	--	--	--	--
MW-16D	03/11/2019	105	--	< 0.25	< 0.25	--	--	--	--	--	--	--
MW-16D	03/12/2019	110	--	< 0.25	< 0.25	--	--	--	--	--	--	--
MW-16D	03/12/2019	115	--	< 0.25	< 0.25	--	--	--	--	--	--	--
MW-16D	03/12/2019	120	--	< 0.25	< 0.25	--	--	--	--	--	--	--
MW-16D	03/12/2019	125	--	< 0.25	< 0.25	--	--	--	--	--	--	--
MW-16D	03/12/2019	130	--	< 0.25	< 0.25	--	--	--	--	--	--	--
MW-16D	03/12/2019	135	--	< 0.25	< 0.25	--	--	--	--	--	--	--
MW-18D	02/28/2019	50	--	< 0.25	< 0.25	--	--	--	--	--	--	--
MW-18D	02/28/2019	65	--	< 0.25	< 0.25	--	--	--	--	--	--	--
MW-18D	03/01/2019	70	--	< 0.25	< 0.25	--	--	--	--	--	--	--
MW-18D	03/01/2019	80	--	< 0.25	< 0.25	--	--	--	--	--	--	--
MW-18D	03/01/2019	90	--	< 0.25	< 0.25	--	--	--	--	--	--	--
MW-18D	03/01/2019	100	--	< 0.25	< 0.25	--	--	--	--	--	--	--
MW-18D	03/01/2019	110	--	< 0.25	< 0.25	--	--	--	--	--	--	--
MW-18D	03/04/2019	115	--	< 0.25	< 0.25	--	--	--	--	--	--	--
MW-18D	03/04/2019	120	--	< 0.25	< 0.25	--	--	--	--	--	--	--
MW-18D	03/04/2019	125	--	< 0.25	< 0.25	--	--	--	--	--	--	--
MW-18D	03/04/2019	130	--	< 0.25	< 0.25	--	--	--	--	--	--	--
MW-18D	03/04/2019	140	--	< 0.25	< 0.25	--	--	--	--	--	--	--
MW-18D	03/05/2019	143.5	--	< 0.25	< 0.25	--	--	--	--	--	--	--
MW-19	05/17/2016	62	--	--	--	--	--	--	--	--	--	--

TABLE 2b
Soil SVOC Analytical Data
ARCO Service Station No. 465
151 Southgate Avenue
Daly City, CA

Sample I.D.	Date	Depth (ft bgs)	1,2-Dichloropropane (mg/kg)	1,3-Dichloropropane (mg/kg)	2,2-Dichloropropane (mg/kg)	1,1-Dichloropropene (mg/kg)	Hexachlorobutadiene (mg/kg)	Isopropylbenzene (mg/kg)	Methylene chloride (mg/kg)	2-Methylnaphthalene (mg/kg)	p-Isopropyltoluene (mg/kg)	n-Propylbenzene (mg/kg)
SB-32	11/02/2018	35	--	--	--	--	< 0.33	--	--	< 0.33	--	--
SB-32	11/02/2018	40	--	--	--	--	< 0.33	--	--	< 0.33	--	--
HA-1	12/10/2014	3	--	--	--	--	--	--	--	--	--	--
HA-1	12/10/2014	5	--	--	--	--	--	--	--	--	--	--
HA-2	12/10/2014	3	--	--	--	--	--	--	--	--	--	--
HA-2	12/10/2014	5	--	--	--	--	--	--	--	--	--	--
HA-3	12/09/2014	3	--	--	--	--	--	--	--	--	--	--
HA-3	12/09/2014	5	--	--	--	--	--	--	--	--	--	--
MW-5	11/30/2001	5.5	< 0.5	< 0.5	< 0.2	< 0.2	< 0.5	< 0.2	< 1	--	**0.56**	< 0.1
MW-5	11/30/2001	10.5	< 0.25	< 0.2	< 0.2	< 0.2	< 0.5	< 0.2	< 1	--	**1**	**7**
MW-5	11/30/2001	15.5	< 0.25	< 0.2	< 0.2	< 0.2	< 0.5	**0.27**	< 1	--	**8**	**0.51**
MW-5	11/30/2001	20.5	< 0.25	< 0.2	< 0.2	< 0.2	< 0.5	**3.8**	< 1	--	**6.6**	**15**
MW-5	11/30/2001	25.5	< 0.25	< 0.2	< 0.2	< 0.2	< 0.5	**11**	**1.6**	--	**10**	**47**
MW-5	11/30/2001	30.5	< 0.25	< 0.2	< 0.2	< 0.2	< 0.5	**2.5**	< 1	--	**1.2**	**9.9**
MW-5	11/30/2001	35.5	< 0.25	< 0.2	< 0.2	< 0.2	< 0.5	**1.2**	< 1	--	**0.81**	**5.2**
MW-5	11/30/2001	40.5	< 0.25	< 0.2	< 0.2	< 0.2	< 0.5	< 0.2	< 1	--	< 0.2	< 0.1
MW-5	11/30/2001	45.5	< 0.25	< 0.2	< 0.2	< 0.2	< 0.5	< 0.2	< 1	--	< 0.2	< 0.1
MW-5	11/30/2001	50.5	< 0.25	< 0.2	< 0.2	< 0.2	< 0.5	< 0.2	< 1	--	< 0.2	< 0.1
MW-5	11/30/2001	56	< 0.25	< 0.2	< 0.2	< 0.2	< 0.5	< 0.2	< 1	--	< 0.2	< 0.1
MW-16D	03/07/2019	66.5	--	--	--	--	< 0.25	--	--	< 0.25	--	--
MW-16D	03/11/2019	70	--	--	--	--	< 0.25	--	--	< 0.25	--	--
MW-16D	03/11/2019	76	--	--	--	--	< 0.25	--	--	< 0.25	--	--
MW-16D	03/11/2019	81	--	--	--	--	< 0.25	--	--	< 0.25	--	--
MW-16D	03/11/2019	86	--	--	--	--	< 0.25	--	--	< 0.25	--	--
MW-16D	03/11/2019	91	--	--	--	--	< 0.25	--	--	< 0.25	--	--
MW-16D	03/11/2019	96	--	--	--	--	< 0.25	--	--	< 0.25	--	--
MW-16D	03/11/2019	101	--	--	--	--	< 0.25	--	--	< 0.25	--	--
MW-16D	03/11/2019	105	--	--	--	--	< 0.25	--	--	< 0.25	--	--
MW-16D	03/12/2019	110	--	--	--	--	< 0.25	--	--	< 0.25	--	--
MW-16D	03/12/2019	115	--	--	--	--	< 0.25	--	--	< 0.25	--	--
MW-16D	03/12/2019	120	--	--	--	--	< 0.25	--	--	< 0.25	--	--
MW-16D	03/12/2019	125	--	--	--	--	< 0.25	--	--	< 0.25	--	--
MW-16D	03/12/2019	130	--	--	--	--	< 0.25	--	--	< 0.25	--	--
MW-16D	03/12/2019	135	--	--	--	--	< 0.25	--	--	< 0.25	--	--
MW-18D	02/28/2019	50	--	--	--	--	< 0.25	--	--	< 0.25	--	--
MW-18D	02/28/2019	65	--	--	--	--	< 0.25	--	--	< 0.25	--	--
MW-18D	03/01/2019	70	--	--	--	--	< 0.25	--	--	< 0.25	--	--
MW-18D	03/01/2019	80	--	--	--	--	< 0.25	--	--	< 0.25	--	--
MW-18D	03/01/2019	90	--	--	--	--	< 0.25	--	--	< 0.25	--	--
MW-18D	03/01/2019	100	--	--	--	--	< 0.25	--	--	< 0.25	--	--
MW-18D	03/01/2019	110	--	--	--	--	< 0.25	--	--	< 0.25	--	--
MW-18D	03/04/2019	115	--	--	--	--	< 0.25	--	--	< 0.25	--	--
MW-18D	03/04/2019	120	--	--	--	--	< 0.25	--	--	< 0.25	--	--
MW-18D	03/04/2019	125	--	--	--	--	< 0.25	--	--	< 0.25	--	--
MW-18D	03/04/2019	130	--	--	--	--	< 0.25	--	--	< 0.25	--	--
MW-18D	03/04/2019	140	--	--	--	--	< 0.25	--	--	< 0.25	--	--
MW-18D	03/05/2019	143.5	--	--	--	--	< 0.25	--	--	< 0.25	--	--
MW-19	05/17/2016	62	--	--	--	--	--	--	--	--	--	--

TABLE 2b
Soil SVOC Analytical Data
ARCO Service Station No. 465
151 Southgate Avenue
Daly City, CA

Sample I.D.	Date	Depth (ft bgs)	Styrene (mg/kg)	1,1,1,2-Tetrachloroethane (mg/kg)	1,1,2,2-Tetrachloroethane (mg/kg)	Tetrachloroethene (mg/kg)	1,2,3-Trichlorobenzene (mg/kg)	1,2,4-Trichlorobenzene (mg/kg)	1,1,2-Trichloroethane (mg/kg)	Trichloroethene (mg/kg)	Trichlorofluoromethane (mg/kg)	1,2,3-Trichloropropane (mg/kg)
SB-32	11/02/2018	35	--	--	--	--	--	< 0.33	--	--	--	--
SB-32	11/02/2018	40	--	--	--	--	--	< 0.33	--	--	--	--
HA-1	12/10/2014	3	--	--	--	--	--	--	--	--	--	--
HA-1	12/10/2014	5	--	--	--	--	--	--	--	--	--	--
HA-2	12/10/2014	3	--	--	--	--	--	--	--	--	--	--
HA-2	12/10/2014	5	--	--	--	--	--	--	--	--	--	--
HA-3	12/09/2014	3	--	--	--	--	--	--	--	--	--	--
HA-3	12/09/2014	5	--	--	--	--	--	--	--	--	--	--
MW-5	11/30/2001	5.5	< 0.25	< 0.2	< 0.1	< 0.5	< 0.5	< 0.2	< 0.2	< 0.5	< 0.2	< 0.25
MW-5	11/30/2001	10.5	< 0.25	< 0.2	< 0.2	< 0.1	< 0.5	< 0.2	< 0.25	< 0.25	< 0.2	< 0.25
MW-5	11/30/2001	15.5	< 0.25	< 0.2	< 0.2	< 0.1	< 0.5	< 0.2	< 0.25	< 0.25	< 0.2	< 0.25
MW-5	11/30/2001	20.5	< 0.25	< 0.2	< 0.2	< 0.1	< 0.5	< 0.2	< 0.25	< 0.25	< 0.2	< 0.25
MW-5	11/30/2001	25.5	< 0.25	< 0.2	< 0.2	< 0.1	< 0.5	< 0.2	< 0.25	< 0.25	< 0.2	< 0.25
MW-5	11/30/2001	30.5	< 0.25	< 0.2	< 0.2	< 0.1	< 0.5	< 0.2	< 0.25	< 0.25	< 0.2	< 0.25
MW-5	11/30/2001	35.5	< 0.25	< 0.2	< 0.2	< 0.1	< 0.5	< 0.2	< 0.25	< 0.25	< 0.2	< 0.25
MW-5	11/30/2001	40.5	< 0.25	< 0.2	< 0.2	< 0.1	< 0.5	< 0.2	< 0.25	< 0.25	< 0.2	< 0.25
MW-5	11/30/2001	45.5	< 0.25	< 0.2	< 0.2	< 0.1	< 0.5	< 0.2	< 0.25	< 0.25	< 0.2	< 0.25
MW-5	11/30/2001	50.5	< 0.25	< 0.2	< 0.2	< 0.1	< 0.5	< 0.2	< 0.25	< 0.25	< 0.2	< 0.25
MW-5	11/30/2001	56	< 0.25	< 0.2	< 0.2	< 0.1	< 0.5	< 0.2	< 0.25	< 0.25	< 0.2	< 0.25
MW-16D	03/07/2019	66.5	--	--	--	--	--	< 0.25	--	--	--	--
MW-16D	03/11/2019	70	--	--	--	--	--	< 0.25	--	--	--	--
MW-16D	03/11/2019	76	--	--	--	--	--	< 0.25	--	--	--	--
MW-16D	03/11/2019	81	--	--	--	--	--	< 0.25	--	--	--	--
MW-16D	03/11/2019	86	--	--	--	--	--	< 0.25	--	--	--	--
MW-16D	03/11/2019	91	--	--	--	--	--	< 0.25	--	--	--	--
MW-16D	03/11/2019	96	--	--	--	--	--	< 0.25	--	--	--	--
MW-16D	03/11/2019	101	--	--	--	--	--	< 0.25	--	--	--	--
MW-16D	03/11/2019	105	--	--	--	--	--	< 0.25	--	--	--	--
MW-16D	03/12/2019	110	--	--	--	--	--	< 0.25	--	--	--	--
MW-16D	03/12/2019	115	--	--	--	--	--	< 0.25	--	--	--	--
MW-16D	03/12/2019	120	--	--	--	--	--	< 0.25	--	--	--	--
MW-16D	03/12/2019	125	--	--	--	--	--	< 0.25	--	--	--	--
MW-16D	03/12/2019	130	--	--	--	--	--	< 0.25	--	--	--	--
MW-16D	03/12/2019	135	--	--	--	--	--	< 0.25	--	--	--	--
MW-18D	02/28/2019	50	--	--	--	--	--	< 0.25	--	--	--	--
MW-18D	02/28/2019	65	--	--	--	--	--	< 0.25	--	--	--	--
MW-18D	03/01/2019	70	--	--	--	--	--	< 0.25	--	--	--	--
MW-18D	03/01/2019	80	--	--	--	--	--	< 0.25	--	--	--	--
MW-18D	03/01/2019	90	--	--	--	--	--	< 0.25	--	--	--	--
MW-18D	03/01/2019	100	--	--	--	--	--	< 0.25	--	--	--	--
MW-18D	03/01/2019	110	--	--	--	--	--	< 0.25	--	--	--	--
MW-18D	03/04/2019	115	--	--	--	--	--	< 0.25	--	--	--	--
MW-18D	03/04/2019	120	--	--	--	--	--	< 0.25	--	--	--	--
MW-18D	03/04/2019	125	--	--	--	--	--	< 0.25	--	--	--	--
MW-18D	03/04/2019	130	--	--	--	--	--	< 0.25	--	--	--	--
MW-18D	03/04/2019	140	--	--	--	--	--	< 0.25	--	--	--	--
MW-18D	03/05/2019	143.5	--	--	--	--	--	< 0.25	--	--	--	--
MW-19	05/17/2016	62	--	--	--	--	--	--	--	--	--	--

TABLE 2b
Soil SVOC Analytical Data
ARCO Service Station No. 465
151 Southgate Avenue
Daly City, CA

Sample I.D.	Date	Depth (ft bgs)	1,2,4-Trimethylbenzene (mg/kg)	1,3,5-Trimethylbenzene (mg/kg)	Vinyl chloride (mg/kg)	2,4,5-Trichlorophenol (mg/kg)	2,4,6-Trichlorophenol (mg/kg)	2,4-Dichlorophenol (mg/kg)	2,4-Dimethylphenol (mg/kg)	2,4-Dinitrophenol (mg/kg)	2,4-Dinitrotoluene (mg/kg)	2,6-Dinitrotoluene (mg/kg)
SB-32	11/02/2018	35	--	--	--	< 0.50	< 0.55	< 0.33	< 0.33	< 2.0	< 0.33	< 0.33
SB-32	11/02/2018	40	--	--	--	< 0.50	< 0.55	< 0.33	< 0.33	< 2.0	< 0.33	< 0.33
HA-1	12/10/2014	3	--	--	--	--	--	--	--	--	--	--
HA-1	12/10/2014	5	--	--	--	--	--	--	--	--	--	--
HA-2	12/10/2014	3	--	--	--	--	--	--	--	--	--	--
HA-2	12/10/2014	5	--	--	--	--	--	--	--	--	--	--
HA-3	12/09/2014	3	--	--	--	--	--	--	--	--	--	--
HA-3	12/09/2014	5	--	--	--	--	--	--	--	--	--	--
MW-5	11/30/2001	5.5	**4.5**	**4**	< 0.2	--	--	--	--	--	--	--
MW-5	11/30/2001	10.5	**9.2**	**5.4**	< 0.2	--	--	--	--	--	--	--
MW-5	11/30/2001	15.5	**50**	**24**	< 0.2	--	--	--	--	--	--	--
MW-5	11/30/2001	20.5	**8.8**	**38**	< 0.2	--	--	--	--	--	--	--
MW-5	11/30/2001	25.5	**9.8**	**360**	< 0.2	--	--	--	--	--	--	--
MW-5	11/30/2001	30.5	**7.5**	**80**	< 0.2	--	--	--	--	--	--	--
MW-5	11/30/2001	35.5	**8.3**	**11**	< 0.2	--	--	--	--	--	--	--
MW-5	11/30/2001	40.5	< 0.2	< 0.2	< 0.2	--	--	--	--	--	--	--
MW-5	11/30/2001	45.5	< 0.2	< 0.2	< 0.2	--	--	--	--	--	--	--
MW-5	11/30/2001	50.5	< 0.2	< 0.2	< 0.2	--	--	--	--	--	--	--
MW-5	11/30/2001	56	< 0.2	< 0.2	< 0.2	--	--	--	--	--	--	--
MW-16D	03/07/2019	66.5	--	--	--	< 0.50	< 0.50	< 0.25	< 0.25	< 1.0	< 0.25	< 0.25
MW-16D	03/11/2019	70	--	--	--	< 0.50	< 0.50	< 0.25	< 0.25	< 1.0	< 0.25	< 0.25
MW-16D	03/11/2019	76	--	--	--	< 0.49	< 0.49	< 0.25	< 0.25	< 0.99	< 0.25	< 0.25
MW-16D	03/11/2019	81	--	--	--	< 0.49	< 0.49	< 0.25	< 0.25	< 0.99	< 0.25	< 0.25
MW-16D	03/11/2019	86	--	--	--	< 0.49	< 0.49	< 0.25	< 0.25	< 0.98	< 0.25	< 0.25
MW-16D	03/11/2019	91	--	--	--	< 0.50	< 0.50	< 0.25	< 0.25	< 1.0	< 0.25	< 0.25
MW-16D	03/11/2019	96	--	--	--	< 0.49	< 0.49	< 0.25	< 0.25	< 0.99	< 0.25	< 0.25
MW-16D	03/11/2019	101	--	--	--	< 0.50	< 0.50	< 0.25	< 0.25	< 0.99	< 0.25	< 0.25
MW-16D	03/11/2019	105	--	--	--	< 0.50	< 0.50	< 0.25	< 0.25	< 0.99	< 0.25	< 0.25
MW-16D	03/12/2019	110	--	--	--	< 0.49	< 0.49	< 0.25	< 0.25	< 0.99	< 0.25	< 0.25
MW-16D	03/12/2019	115	--	--	--	< 0.50	< 0.50	< 0.25	< 0.25	< 0.99	< 0.25	< 0.25
MW-16D	03/12/2019	120	--	--	--	< 0.49	< 0.49	< 0.25	< 0.25	< 0.99	< 0.25	< 0.25
MW-16D	03/12/2019	125	--	--	--	< 0.49	< 0.49	< 0.25	< 0.25	< 0.98	< 0.25	< 0.25
MW-16D	03/12/2019	130	--	--	--	< 0.49	< 0.49	< 0.25	< 0.25	< 0.99	< 0.25	< 0.25
MW-16D	03/12/2019	135	--	--	--	< 0.49	< 0.49	< 0.25	< 0.25	< 0.99	< 0.25	< 0.25
MW-18D	02/28/2019	50	--	--	--	< 0.49	< 0.49	< 0.25	< 0.25	< 0.98	< 0.25	< 0.25
MW-18D	02/28/2019	65	--	--	--	< 0.50	< 0.50	< 0.25	< 0.25	< 1.0	< 0.25	< 0.25
MW-18D	03/01/2019	70	--	--	--	< 0.50	< 0.50	< 0.25	< 0.25	< 0.99	< 0.25	< 0.25
MW-18D	03/01/2019	80	--	--	--	< 0.50	< 0.50	< 0.25	< 0.25	< 1.0	< 0.25	< 0.25
MW-18D	03/01/2019	90	--	--	--	< 0.50	< 0.50	< 0.25	< 0.25	< 0.99	< 0.25	< 0.25
MW-18D	03/01/2019	100	--	--	--	< 0.50	< 0.50	< 0.25	< 0.25	< 0.99	< 0.25	< 0.25
MW-18D	03/01/2019	110	--	--	--	< 0.50	< 0.50	< 0.25	< 0.25	< 1.0	< 0.25	< 0.25
MW-18D	03/04/2019	115	--	--	--	< 0.50	< 0.50	< 0.25	< 0.25	< 1.0	< 0.25	< 0.25
MW-18D	03/04/2019	120	--	--	--	< 0.50	< 0.50	< 0.25	< 0.25	< 1.0	< 0.25	< 0.25
MW-18D	03/04/2019	125	--	--	--	< 0.50	< 0.50	< 0.25	< 0.25	< 1.0	< 0.25	< 0.25
MW-18D	03/04/2019	130	--	--	--	< 0.50	< 0.50	< 0.25	< 0.25	< 0.99	< 0.25	< 0.25
MW-18D	03/04/2019	140	--	--	--	< 0.50	< 0.50	< 0.25	< 0.25	< 1.0	< 0.25	< 0.25
MW-18D	03/05/2019	143.5	--	--	--	< 0.50	< 0.50	< 0.25	< 0.25	< 1.0	< 0.25	< 0.25
MW-19	05/17/2016	62	--	--	--	--	--	--	--	--	--	--

TABLE 2b
Soil SVOC Analytical Data
ARCO Service Station No. 465
151 Southgate Avenue
Daly City, CA

Sample I.D.	Date	Depth (ft bgs)	2-Chloronaphthalene (mg/kg)	2-Chlorophenol (mg/kg)	2-Methylphenol (o-Cresol) (mg/kg)	2-Nitroaniline (mg/kg)	2-Nitrophenol (mg/kg)	3,3'-Dichlorobenzidine (mg/kg)	3-Nitroaniline (mg/kg)	4,6-Dinitro-2-methylphenol (mg/kg)	4-Bromophenylphenyl ether (mg/kg)	4-Chloro-3-methylphenol (mg/kg)
SB-32	11/02/2018	35	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.83	< 0.33	< 0.42	< 0.33	< 0.40
SB-32	11/02/2018	40	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.83	< 0.33	< 0.42	< 0.33	< 0.40
HA-1	12/10/2014	3	--	--	--	--	--	--	--	--	--	--
HA-1	12/10/2014	5	--	--	--	--	--	--	--	--	--	--
HA-2	12/10/2014	3	--	--	--	--	--	--	--	--	--	--
HA-2	12/10/2014	5	--	--	--	--	--	--	--	--	--	--
HA-3	12/09/2014	3	--	--	--	--	--	--	--	--	--	--
HA-3	12/09/2014	5	--	--	--	--	--	--	--	--	--	--
MW-5	11/30/2001	5.5	--	--	--	--	--	--	--	--	--	--
MW-5	11/30/2001	10.5	--	--	--	--	--	--	--	--	--	--
MW-5	11/30/2001	15.5	--	--	--	--	--	--	--	--	--	--
MW-5	11/30/2001	20.5	--	--	--	--	--	--	--	--	--	--
MW-5	11/30/2001	25.5	--	--	--	--	--	--	--	--	--	--
MW-5	11/30/2001	30.5	--	--	--	--	--	--	--	--	--	--
MW-5	11/30/2001	35.5	--	--	--	--	--	--	--	--	--	--
MW-5	11/30/2001	40.5	--	--	--	--	--	--	--	--	--	--
MW-5	11/30/2001	45.5	--	--	--	--	--	--	--	--	--	--
MW-5	11/30/2001	50.5	--	--	--	--	--	--	--	--	--	--
MW-5	11/30/2001	56	--	--	--	--	--	--	--	--	--	--
MW-16D	03/07/2019	66.5	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.50	< 0.25	< 0.42	< 0.25	< 0.40
MW-16D	03/11/2019	70	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.50	< 0.25	< 0.42	< 0.25	< 0.40
MW-16D	03/11/2019	76	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.49	< 0.25	< 0.42	< 0.25	< 0.40
MW-16D	03/11/2019	81	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.49	< 0.25	< 0.41	< 0.25	< 0.40
MW-16D	03/11/2019	86	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.49	< 0.25	< 0.41	< 0.25	< 0.39
MW-16D	03/11/2019	91	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.50	< 0.25	< 0.42	< 0.25	< 0.40
MW-16D	03/11/2019	96	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.49	< 0.25	< 0.42	< 0.25	< 0.40
MW-16D	03/11/2019	101	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.50	< 0.25	< 0.42	< 0.25	< 0.40
MW-16D	03/11/2019	105	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.50	< 0.25	< 0.42	< 0.25	< 0.40
MW-16D	03/12/2019	110	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.49	< 0.25	< 0.42	< 0.25	< 0.40
MW-16D	03/12/2019	115	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.50	< 0.25	< 0.42	< 0.25	< 0.40
MW-16D	03/12/2019	120	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.49	< 0.25	< 0.42	< 0.25	< 0.40
MW-16D	03/12/2019	125	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.49	< 0.25	< 0.41	< 0.25	< 0.39
MW-16D	03/12/2019	130	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.49	< 0.25	< 0.41	< 0.25	< 0.39
MW-16D	03/12/2019	135	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.49	< 0.25	< 0.41	< 0.25	< 0.39
MW-18D	02/28/2019	50	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.49	< 0.25	< 0.41	< 0.25	< 0.39
MW-18D	02/28/2019	65	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.50	< 0.25	< 0.42	< 0.25	< 0.40
MW-18D	03/01/2019	70	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.50	< 0.25	< 0.42	< 0.25	< 0.40
MW-18D	03/01/2019	80	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.50	< 0.25	< 0.42	< 0.25	< 0.40
MW-18D	03/01/2019	90	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.50	< 0.25	< 0.42	< 0.25	< 0.40
MW-18D	03/01/2019	100	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.50	< 0.25	< 0.42	< 0.25	< 0.40
MW-18D	03/01/2019	110	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.50	< 0.25	< 0.42	< 0.25	< 0.40
MW-18D	03/04/2019	115	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.50	< 0.25	< 0.42	< 0.25	< 0.40
MW-18D	03/04/2019	120	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.50	< 0.25	< 0.42	< 0.25	< 0.40
MW-18D	03/04/2019	125	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.50	< 0.25	< 0.42	< 0.25	< 0.40
MW-18D	03/04/2019	130	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.50	< 0.25	< 0.42	< 0.25	< 0.40
MW-18D	03/04/2019	140	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.50	< 0.25	< 0.42	< 0.25	< 0.40
MW-18D	03/05/2019	143.5	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.50	< 0.25	< 0.42	< 0.25	< 0.40
MW-19	05/17/2016	62	--	--	--	--	--	--	--	--	--	--

TABLE 2b
Soil SVOC Analytical Data
ARCO Service Station No. 465
151 Southgate Avenue
Daly City, CA

Sample I.D.	Date	Depth (ft bgs)	4-Nitroaniline (mg/kg)	4-Nitrophenol (mg/kg)	Aniline (mg/kg)	Benzidine (mg/kg)	Benzoic acid (mg/kg)	Benzyl alcohol (mg/kg)	bis(2-Chloroethoxy)methane (mg/kg)	bis(2-Chloroethyl) ether (mg/kg)	bis(2-Ethylhexyl)phthalate (mg/kg)	Butylbenzylphthalate (mg/kg)
SB-32	11/02/2018	35	< 0.83	< 2.9	< 1.0	< 2.1	< 0.95	< 3.4	< 0.33	< 0.33	< 0.33	< 0.33
SB-32	11/02/2018	40	< 0.83	< 2.9	< 1.0	< 2.1	< 0.95	< 3.4	< 0.33	< 0.33	< 0.33	< 0.33
HA-1	12/10/2014	3	--	--	--	--	--	--	--	--	--	--
HA-1	12/10/2014	5	--	--	--	--	--	--	--	--	--	--
HA-2	12/10/2014	3	--	--	--	--	--	--	--	--	--	--
HA-2	12/10/2014	5	--	--	--	--	--	--	--	--	--	--
HA-3	12/09/2014	3	--	--	--	--	--	--	--	--	--	--
HA-3	12/09/2014	5	--	--	--	--	--	--	--	--	--	--
MW-5	11/30/2001	5.5	--	--	--	--	--	--	--	--	--	--
MW-5	11/30/2001	10.5	--	--	--	--	--	--	--	--	--	--
MW-5	11/30/2001	15.5	--	--	--	--	--	--	--	--	--	--
MW-5	11/30/2001	20.5	--	--	--	--	--	--	--	--	--	--
MW-5	11/30/2001	25.5	--	--	--	--	--	--	--	--	--	--
MW-5	11/30/2001	30.5	--	--	--	--	--	--	--	--	--	--
MW-5	11/30/2001	35.5	--	--	--	--	--	--	--	--	--	--
MW-5	11/30/2001	40.5	--	--	--	--	--	--	--	--	--	--
MW-5	11/30/2001	45.5	--	--	--	--	--	--	--	--	--	--
MW-5	11/30/2001	50.5	--	--	--	--	--	--	--	--	--	--
MW-5	11/30/2001	56	--	--	--	--	--	--	--	--	--	--
MW-16D	03/07/2019	66.5	< 0.50	< 1.0	< 0.50	< 1.3	< 0.75	< 1.3	< 0.25	< 0.25	< 0.25	< 0.25
MW-16D	03/11/2019	70	< 0.50	< 1.0	< 0.50	< 1.3	< 0.75	< 1.3	< 0.25	< 0.25	< 0.25	< 0.25
MW-16D	03/11/2019	76	< 0.49	< 0.99	< 0.49	< 1.3	< 0.74	< 1.3	< 0.25	< 0.25	< 0.25	< 0.25
MW-16D	03/11/2019	81	< 0.49	< 0.99	< 0.49	< 1.3	< 0.74	< 1.3	< 0.25	< 0.25	< 0.25	< 0.25
MW-16D	03/11/2019	86	< 0.49	< 0.98	< 0.49	< 1.3	< 0.74	< 1.3	< 0.25	< 0.25	< 0.25	< 0.25
MW-16D	03/11/2019	91	< 0.50	< 1.0	< 0.50	< 1.3	< 0.75	< 1.3	< 0.25	< 0.25	< 0.25	< 0.25
MW-16D	03/11/2019	96	< 0.49	< 0.99	< 0.49	< 1.3	< 0.74	< 1.3	< 0.25	< 0.25	< 0.25	< 0.25
MW-16D	03/11/2019	101	< 0.50	< 0.99	< 0.50	< 1.3	< 0.75	< 1.3	< 0.25	< 0.25	< 0.25	< 0.25
MW-16D	03/11/2019	105	< 0.50	< 0.99	< 0.50	< 1.3	< 0.74	< 1.3	< 0.25	< 0.25	< 0.25	< 0.25
MW-16D	03/12/2019	110	< 0.49	< 0.99	< 0.49	< 1.3	< 0.74LQ	< 1.3	< 0.25	< 0.25	< 0.25	< 0.25
MW-16D	03/12/2019	115	< 0.50	< 0.99	< 0.50	< 1.3	< 0.75LQ	< 1.3	< 0.25	< 0.25	< 0.25	< 0.25
MW-16D	03/12/2019	120	< 0.49	< 0.99	< 0.49	< 1.3	< 0.74LQ	< 1.3	< 0.25	< 0.25	< 0.25	< 0.25
MW-16D	03/12/2019	125	< 0.49	< 0.98	< 0.49	< 1.3	< 0.74LQ	< 1.3	< 0.25	< 0.25	< 0.25	< 0.25
MW-16D	03/12/2019	130	< 0.49	< 0.99	< 0.49	< 1.3	< 0.74LQ	< 1.3	< 0.25	< 0.25	< 0.25	< 0.25
MW-16D	03/12/2019	135	< 0.49	< 0.99	< 0.49	< 1.3	< 0.74LQ	< 1.3	< 0.25	< 0.25	< 0.25	< 0.25
MW-18D	02/28/2019	50	< 0.49	< 0.98	< 0.49	< 1.3	< 0.74	< 1.3	< 0.25	< 0.25	< 0.25	< 0.25
MW-18D	02/28/2019	65	< 0.50	< 1.0	< 0.50	< 1.3	< 0.75	< 1.3	< 0.25	< 0.25	< 0.25	< 0.25
MW-18D	03/01/2019	70	< 0.50	< 0.99	< 0.50	< 1.3	< 0.74	< 1.3	< 0.25	< 0.25	< 0.25	< 0.25
MW-18D	03/01/2019	80	< 0.50	< 1.0	< 0.50	< 1.3	< 0.75	< 1.3	< 0.25	< 0.25	< 0.25	< 0.25
MW-18D	03/01/2019	90	< 0.50	< 0.99	< 0.50	< 1.3	< 0.75	< 1.3	< 0.25	< 0.25	< 0.25	< 0.25
MW-18D	03/01/2019	100	< 0.50	< 0.99	< 0.50	< 1.3	< 0.74	< 1.3	< 0.25	< 0.25	< 0.25	< 0.25
MW-18D	03/01/2019	110	< 0.50	< 1.0	< 0.50	< 1.3	< 0.75	< 1.3	< 0.25	< 0.25	< 0.25	< 0.25
MW-18D	03/04/2019	115	< 0.50	< 1.0	< 0.50	< 1.3	< 0.75	< 1.3	< 0.25	< 0.25	< 0.25	< 0.25
MW-18D	03/04/2019	120	< 0.50	< 1.0	< 0.50	< 1.3	< 0.75	< 1.3	< 0.25	< 0.25	< 0.25	< 0.25
MW-18D	03/04/2019	125	< 0.50	< 1.0	< 0.50	< 1.3	< 0.75	< 1.3	< 0.25	< 0.25	< 0.25	< 0.25
MW-18D	03/04/2019	130	< 0.50	< 0.99	< 0.50	< 1.3	< 0.74	< 1.3	< 0.25	< 0.25	< 0.25	< 0.25
MW-18D	03/04/2019	140	< 0.50	< 1.0	< 0.50	< 1.3	< 0.75	< 1.3	< 0.25	< 0.25	< 0.25	< 0.25
MW-18D	03/05/2019	143.5	< 0.50	< 1.0	< 0.50	< 1.3	< 0.75	< 1.3	< 0.25	< 0.25	< 0.25	< 0.25
MW-19	05/17/2016	62	--	--	--	--	--	--	--	--	--	--

TABLE 2b
Soil SVOC Analytical Data
ARCO Service Station No. 465
151 Southgate Avenue
Daly City, CA

Sample I.D.	Date	Depth (ft bgs)	Dibenzo(a,h)anthracene (mg/kg)	Dibenzofuran (mg/kg)	Diethylphthalate (mg/kg)	Dimethylphthalate (mg/kg)	Di-n-butylphthalate (mg/kg)	Di-n-octylphthalate (mg/kg)	Hexachlorobenzene (mg/kg)	Hexachlorocyclopentadiene (mg/kg)	Hexachloroethane (mg/kg)	Indeno (1,2,3-cd) pyrene (mg/kg)
SB-32	11/02/2018	35	< 0.42	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.83	< 0.33	< 0.33
SB-32	11/02/2018	40	< 0.42	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.83	< 0.33	< 0.33
HA-1	12/10/2014	3	--	--	--	--	--	--	--	--	--	--
HA-1	12/10/2014	5	--	--	--	--	--	--	--	--	--	--
HA-2	12/10/2014	3	--	--	--	--	--	--	--	--	--	--
HA-2	12/10/2014	5	--	--	--	--	--	--	--	--	--	--
HA-3	12/09/2014	3	--	--	--	--	--	--	--	--	--	--
HA-3	12/09/2014	5	--	--	--	--	--	--	--	--	--	--
MW-5	11/30/2001	5.5	--	--	--	--	--	--	--	--	--	--
MW-5	11/30/2001	10.5	--	--	--	--	--	--	--	--	--	--
MW-5	11/30/2001	15.5	--	--	--	--	--	--	--	--	--	--
MW-5	11/30/2001	20.5	--	--	--	--	--	--	--	--	--	--
MW-5	11/30/2001	25.5	--	--	--	--	--	--	--	--	--	--
MW-5	11/30/2001	30.5	--	--	--	--	--	--	--	--	--	--
MW-5	11/30/2001	35.5	--	--	--	--	--	--	--	--	--	--
MW-5	11/30/2001	40.5	--	--	--	--	--	--	--	--	--	--
MW-5	11/30/2001	45.5	--	--	--	--	--	--	--	--	--	--
MW-5	11/30/2001	50.5	--	--	--	--	--	--	--	--	--	--
MW-5	11/30/2001	56	--	--	--	--	--	--	--	--	--	--
MW-16D	03/07/2019	66.5	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.75	< 0.25	< 0.25
MW-16D	03/11/2019	70	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.75	< 0.25	< 0.25
MW-16D	03/11/2019	76	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.74	< 0.25	< 0.25
MW-16D	03/11/2019	81	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.74	< 0.25	< 0.25
MW-16D	03/11/2019	86	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.74	< 0.25	< 0.25
MW-16D	03/11/2019	91	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.75	< 0.25	< 0.25
MW-16D	03/11/2019	96	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.74	< 0.25	< 0.25
MW-16D	03/11/2019	101	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.75	< 0.25	< 0.25
MW-16D	03/11/2019	105	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.74	< 0.25	< 0.25
MW-16D	03/12/2019	110	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.74	< 0.25	< 0.25
MW-16D	03/12/2019	115	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.75	< 0.25	< 0.25
MW-16D	03/12/2019	120	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.74	< 0.25	< 0.25
MW-16D	03/12/2019	125	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.74	< 0.25	< 0.25
MW-16D	03/12/2019	130	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.74	< 0.25	< 0.25
MW-16D	03/12/2019	135	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.74	< 0.25	< 0.25
MW-18D	02/28/2019	50	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.74	< 0.25	< 0.25
MW-18D	02/28/2019	65	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.75	< 0.25	< 0.25
MW-18D	03/01/2019	70	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.74	< 0.25	< 0.25
MW-18D	03/01/2019	80	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.75	< 0.25	< 0.25
MW-18D	03/01/2019	90	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.75	< 0.25	< 0.25
MW-18D	03/01/2019	100	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.74	< 0.25	< 0.25
MW-18D	03/01/2019	110	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.75	< 0.25	< 0.25
MW-18D	03/04/2019	115	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.75	< 0.25	< 0.25
MW-18D	03/04/2019	120	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.75	< 0.25	< 0.25
MW-18D	03/04/2019	125	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.75	< 0.25	< 0.25
MW-18D	03/04/2019	130	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.74	< 0.25	< 0.25
MW-18D	03/04/2019	140	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.75	< 0.25	< 0.25
MW-18D	03/05/2019	143.5	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.75	< 0.25	< 0.25
MW-19	05/17/2016	62	--	--	--	--	--	--	--	--	--	--

TABLE 2b
Soil SVOC Analytical Data
ARCO Service Station No. 465
151 Southgate Avenue
Daly City, CA

Sample I.D.	Date	Depth (ft bgs)	Isophorone (mg/kg)	Nitrobenzene (mg/kg)	N-Nitroso-di-n-propylamine (mg/kg)	N-Nitrosodiphenylamine (mg/kg)	Pentachlorophenol (mg/kg)	Phenol (mg/kg)	N-Nitrosodimethylamine (mg/kg)	Pyridine (mg/kg)
SB-32	11/02/2018	35	< 0.33	< 0.33	< 0.25	< 0.75	< 0.83	< 0.33	< 0.33	< 0.34
SB-32	11/02/2018	40	< 0.33	< 0.33	< 0.25	< 0.75	< 0.83	< 0.33	< 0.33	< 0.34
HA-1	12/10/2014	3	--	--	--	--	--	--	--	--
HA-1	12/10/2014	5	--	--	--	--	--	--	--	--
HA-2	12/10/2014	3	--	--	--	--	--	--	--	--
HA-2	12/10/2014	5	--	--	--	--	--	--	--	--
HA-3	12/09/2014	3	--	--	--	--	--	--	--	--
HA-3	12/09/2014	5	--	--	--	--	--	--	--	--
MW-5	11/30/2001	5.5	--	--	--	--	--	--	--	--
MW-5	11/30/2001	10.5	--	--	--	--	--	--	--	--
MW-5	11/30/2001	15.5	--	--	--	--	--	--	--	--
MW-5	11/30/2001	20.5	--	--	--	--	--	--	--	--
MW-5	11/30/2001	25.5	--	--	--	--	--	--	--	--
MW-5	11/30/2001	30.5	--	--	--	--	--	--	--	--
MW-5	11/30/2001	35.5	--	--	--	--	--	--	--	--
MW-5	11/30/2001	40.5	--	--	--	--	--	--	--	--
MW-5	11/30/2001	45.5	--	--	--	--	--	--	--	--
MW-5	11/30/2001	50.5	--	--	--	--	--	--	--	--
MW-5	11/30/2001	56	--	--	--	--	--	--	--	--
MW-16D	03/07/2019	66.5	< 0.25	< 0.25	< 0.25	< 0.50	< 0.50	< 0.25	< 0.25	< 0.34
MW-16D	03/11/2019	70	< 0.25	< 0.25	< 0.25	< 0.50	< 0.50	< 0.25	< 0.25	< 0.34
MW-16D	03/11/2019	76	< 0.25	< 0.25	< 0.25	< 0.49	< 0.49	< 0.25	< 0.25	< 0.34
MW-16D	03/11/2019	81	< 0.25	< 0.25	< 0.25	< 0.49	< 0.49	< 0.25	< 0.25	< 0.34
MW-16D	03/11/2019	86	< 0.25	< 0.25	< 0.25	< 0.49	< 0.49	< 0.25	< 0.25	< 0.33
MW-16D	03/11/2019	91	< 0.25	< 0.25	< 0.25	< 0.50	< 0.50	< 0.25	< 0.25	< 0.34
MW-16D	03/11/2019	96	< 0.25	< 0.25	< 0.25	< 0.49	< 0.49	< 0.25	< 0.25	< 0.34
MW-16D	03/11/2019	101	< 0.25	< 0.25	< 0.25	< 0.50	< 0.50	< 0.25	< 0.25	< 0.34
MW-16D	03/11/2019	105	< 0.25	< 0.25	< 0.25	< 0.50	< 0.50	< 0.25	< 0.25	< 0.34
MW-16D	03/12/2019	110	< 0.25	< 0.25	< 0.25	< 0.49	< 0.49	< 0.25	< 0.25	< 0.34
MW-16D	03/12/2019	115	< 0.25	< 0.25	< 0.25	< 0.50	< 0.50	< 0.25	< 0.25	< 0.34
MW-16D	03/12/2019	120	< 0.25	< 0.25	< 0.25	< 0.49	< 0.49	< 0.25	< 0.25	< 0.34
MW-16D	03/12/2019	125	< 0.25	< 0.25	< 0.25	< 0.49	< 0.49	< 0.25	< 0.25	< 0.33
MW-16D	03/12/2019	130	< 0.25	< 0.25	< 0.25	< 0.49	< 0.49	< 0.25	< 0.25	< 0.33
MW-16D	03/12/2019	135	< 0.25	< 0.25	< 0.25	< 0.49	< 0.49	< 0.25	< 0.25	< 0.34
MW-18D	02/28/2019	50	< 0.25	< 0.25	< 0.25	< 0.49	< 0.49	< 0.25	< 0.25	< 0.33
MW-18D	02/28/2019	65	< 0.25	< 0.25	< 0.25	< 0.50	< 0.50	< 0.25	< 0.25	< 0.34
MW-18D	03/01/2019	70	< 0.25	< 0.25	< 0.25	< 0.50	< 0.50	< 0.25	< 0.25	< 0.34
MW-18D	03/01/2019	80	< 0.25	< 0.25	< 0.25	< 0.50	< 0.50	< 0.25	< 0.25	< 0.34
MW-18D	03/01/2019	90	< 0.25	< 0.25	< 0.25	< 0.50	< 0.50	< 0.25	< 0.25	< 0.34
MW-18D	03/01/2019	100	< 0.25	< 0.25	< 0.25	< 0.50	< 0.50	< 0.25	< 0.25	< 0.34
MW-18D	03/01/2019	110	< 0.25	< 0.25	< 0.25	< 0.50	< 0.50	< 0.25	< 0.25	< 0.34
MW-18D	03/04/2019	115	< 0.25	< 0.25	< 0.25	< 0.50	< 0.50	< 0.25	< 0.25	< 0.34
MW-18D	03/04/2019	120	< 0.25	< 0.25	< 0.25	< 0.50	< 0.50	< 0.25	< 0.25	< 0.34
MW-18D	03/04/2019	125	< 0.25	< 0.25	< 0.25	< 0.50	< 0.50	< 0.25	< 0.25	< 0.34
MW-18D	03/04/2019	130	< 0.25	< 0.25	< 0.25	< 0.50	< 0.50	< 0.25	< 0.25	< 0.34
MW-18D	03/04/2019	140	< 0.25	< 0.25	< 0.25	< 0.50	< 0.50	< 0.25	< 0.25	< 0.34
MW-18D	03/05/2019	143.5	< 0.25	< 0.25	< 0.25	< 0.50	< 0.50	< 0.25	< 0.25	< 0.34
MW-19	05/17/2016	62	--	--	--	--	--	--	--	--

TABLE 2b
Soil SVOC Analytical Data
ARCO Service Station No. 465
151 Southgate Avenue
Daly City, CA

Sample I.D.	Date	Depth (ft bgs)	Acenaphthene (mg/kg)	Acenaphthylene (mg/kg)	Anthracene (mg/kg)	Benzo(a)anthracene (mg/kg)	Benzo(a)pyrene (mg/kg)	Benzo(b)fluoranthene (mg/kg)	Benzo(g,h,i)perylene (mg/kg)	Benzo(k)fluoranthene (mg/kg)	Chrysene (mg/kg)	Fluoranthene (mg/kg)
MW-19D	02/20/2019	42	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.33
MW-19D	02/20/2019	51	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.33
MW-19D	02/20/2019	59	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.33
MW-19D	02/20/2019	63	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.33
MW-19D	02/21/2019	67	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.33
MW-19D	02/21/2019	69	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.32
MW-19D	02/21/2019	71	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.33
MW-19D	02/21/2019	81	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.33
MW-19D	02/21/2019	91	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.33
MW-19D	02/22/2019	101	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.33
MW-19D	02/22/2019	111	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.33
MW-19D	02/22/2019	116	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.33
MW-19D	02/22/2019	121	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.33
MW-19D	02/25/2019	126	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.33
MW-19D	02/25/2019	131	< 0.25LQ	< 0.25LQ	< 0.25LQ	< 0.25LQ	< 0.25LQ	< 0.25LQ	< 0.25LQ	< 0.25LQ	< 0.25LQ	< 0.33LQ
MW-19D	02/26/2019	135.5	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.32
V-5	01/20/1998	5	--	--	--	--	--	--	--	--	--	--
V-5	01/20/1998	15	--	--	--	--	--	--	--	--	--	--
V-5	01/20/1998	29.5	--	--	--	--	--	--	--	--	--	--
V-5	01/20/1998	34.5	--	--	--	--	--	--	--	--	--	--
V-5	01/20/1998	44	--	--	--	--	--	--	--	--	--	--
V-5	01/20/1998	54.5	--	--	--	--	--	--	--	--	--	--
V-14	05/10/2016	66	--	--	--	--	--	--	--	--	--	--
V-14	05/10/2016	76	--	--	--	--	--	--	--	--	--	--
V-14	05/10/2016	86	--	--	--	--	--	--	--	--	--	--

TABLE 2b

Soil SVOC Analytical Data

ARCO Service Station No. 465

151 Southgate Avenue

Daly City, CA

Sample I.D.	Date	Depth (ft bgs)	Fluorene (mg/kg)	Phenanthrene (mg/kg)	Pyrene (mg/kg)	Bromobenzene (mg/kg)	Bromodichloromethane (mg/kg)	Bromoform (mg/kg)	Bromomethane (mg/kg)	sec-Butylbenzene (mg/kg)	tert-Butylbenzene (mg/kg)	n-Butylbenzene (mg/kg)
MW-19D	02/20/2019	42	< 0.25	< 0.33	< 0.25	--	--	--	--	--	--	--
MW-19D	02/20/2019	51	< 0.25	< 0.33	< 0.25	--	--	--	--	--	--	--
MW-19D	02/20/2019	59	< 0.25	< 0.33	< 0.25	--	--	--	--	--	--	--
MW-19D	02/20/2019	63	< 0.25	< 0.33	< 0.25	--	--	--	--	--	--	--
MW-19D	02/21/2019	67	< 0.25	< 0.33	< 0.25	--	--	--	--	--	--	--
MW-19D	02/21/2019	69	< 0.25	< 0.32	< 0.25	--	--	--	--	--	--	--
MW-19D	02/21/2019	71	< 0.25	< 0.33	< 0.25	--	--	--	--	--	--	--
MW-19D	02/21/2019	81	< 0.25	< 0.33	< 0.25	--	--	--	--	--	--	--
MW-19D	02/21/2019	91	< 0.25	< 0.33	< 0.25	--	--	--	--	--	--	--
MW-19D	02/22/2019	101	< 0.25	< 0.33	< 0.25	--	--	--	--	--	--	--
MW-19D	02/22/2019	111	< 0.25	< 0.33	< 0.25	--	--	--	--	--	--	--
MW-19D	02/22/2019	116	< 0.25	< 0.33	< 0.25	--	--	--	--	--	--	--
MW-19D	02/22/2019	121	< 0.25	< 0.33	< 0.25	--	--	--	--	--	--	--
MW-19D	02/25/2019	126	< 0.25	< 0.33	< 0.25	--	--	--	--	--	--	--
MW-19D	02/25/2019	131	< 0.25LQ	< 0.33LQ	< 0.25LQ	--	--	--	--	--	--	--
MW-19D	02/26/2019	135.5	< 0.25	< 0.32	< 0.25	--	--	--	--	--	--	--
V-5	01/20/1998	5	--	--	--	--	< 0.25, M1	< 0.25, M1	< 0.25, M1	--	--	--
V-5	01/20/1998	15	--	--	--	--	< 0.25, M1	< 0.25, M1	< 0.25, M1	--	--	--
V-5	01/20/1998	29.5	--	--	--	--	< 0.05	< 0.05	< 0.05	--	--	--
V-5	01/20/1998	34.5	--	--	--	--	< 0.05	< 0.05	< 0.05	--	--	--
V-5	01/20/1998	44	--	--	--	--	< 0.05	< 0.05	< 0.05	--	--	--
V-5	01/20/1998	54.5	--	--	--	--	< 0.05	< 0.05	< 0.05	--	--	--
V-14	05/10/2016	66	--	--	--	--	--	--	--	--	--	--
V-14	05/10/2016	76	--	--	--	--	--	--	--	--	--	--
V-14	05/10/2016	86	--	--	--	--	--	--	--	--	--	--

TABLE 2b

Soil SVOC Analytical Data

ARCO Service Station No. 465

151 Southgate Avenue

Daly City, CA

Sample I.D.	Date	Depth (ft bgs)	Carbon tetrachloride (mg/kg)	Chlorobenzene (mg/kg)	Chloroethane (mg/kg)	Chloroform (mg/kg)	Chloromethane (mg/kg)	4-Chlorotoluene (mg/kg)	2-Chlorotoluene (mg/kg)	1,2-Dibromo-3-chloropropane (mg/kg)	Dibromochloromethane (mg/kg)	Dibromomethane (mg/kg)
MW-19D	02/20/2019	42	--	--	--	--	--	--	--	--	--	--
MW-19D	02/20/2019	51	--	--	--	--	--	--	--	--	--	--
MW-19D	02/20/2019	59	--	--	--	--	--	--	--	--	--	--
MW-19D	02/20/2019	63	--	--	--	--	--	--	--	--	--	--
MW-19D	02/21/2019	67	--	--	--	--	--	--	--	--	--	--
MW-19D	02/21/2019	69	--	--	--	--	--	--	--	--	--	--
MW-19D	02/21/2019	71	--	--	--	--	--	--	--	--	--	--
MW-19D	02/21/2019	81	--	--	--	--	--	--	--	--	--	--
MW-19D	02/21/2019	91	--	--	--	--	--	--	--	--	--	--
MW-19D	02/22/2019	101	--	--	--	--	--	--	--	--	--	--
MW-19D	02/22/2019	111	--	--	--	--	--	--	--	--	--	--
MW-19D	02/22/2019	116	--	--	--	--	--	--	--	--	--	--
MW-19D	02/22/2019	121	--	--	--	--	--	--	--	--	--	--
MW-19D	02/25/2019	126	--	--	--	--	--	--	--	--	--	--
MW-19D	02/25/2019	131	--	--	--	--	--	--	--	--	--	--
MW-19D	02/26/2019	135.5	--	--	--	--	--	--	--	--	--	--
V-5	01/20/1998	5	< 0.25, M1	< 0.25, M1	< 0.25, M1	< 0.25, M1	< 0.25, M1	--	--	--	< 0.25, M1	--
V-5	01/20/1998	15	< 0.25, M1	< 0.25, M1	< 0.25, M1	< 0.025, M1	< 0.25, M1	--	--	--	< 0.25, M1	--
V-5	01/20/1998	29.5	--	< 0.05	< 0.05	< 0.05	< 0.1	--	--	--	< 0.05	--
V-5	01/20/1998	34.5	--	< 0.05	< 0.05	< 0.05	< 0.1	--	--	--	< 0.05	--
V-5	01/20/1998	44	--	< 0.05	< 0.05	< 0.05	< 0.1	--	--	--	< 0.05	--
V-5	01/20/1998	54.5	--	< 0.05	< 0.05	< 0.05	< 0.1	--	--	--	< 0.05	--
V-14	05/10/2016	66	--	--	--	--	--	--	--	--	--	--
V-14	05/10/2016	76	--	--	--	--	--	--	--	--	--	--
V-14	05/10/2016	86	--	--	--	--	--	--	--	--	--	--

TABLE 2b
Soil SVOC Analytical Data
ARCO Service Station No. 465
151 Southgate Avenue
Daly City, CA

Sample I.D.	Date	Depth (ft bgs)	1,2-Dichlorobenzene (mg/kg)	1,3-Dichlorobenzene (mg/kg)	1,4-Dichlorobenzene (mg/kg)	Dichlorodifluoromethane (mg/kg)	1,1-Dichloroethane (mg/kg)	1,1-Dichloroethylene (mg/kg)	cis-1,2-Dichloroethene (mg/kg)	cis-1,3-Dichloropropene (mg/kg)	trans-1,2-Dichloroethene (mg/kg)	trans-1,3-Dichloropropene (mg/kg)
MW-19D	02/20/2019	42	--	< 0.25	< 0.25	--	--	--	--	--	--	--
MW-19D	02/20/2019	51	--	< 0.25	< 0.25	--	--	--	--	--	--	--
MW-19D	02/20/2019	59	--	< 0.25	< 0.25	--	--	--	--	--	--	--
MW-19D	02/20/2019	63	--	< 0.25	< 0.25	--	--	--	--	--	--	--
MW-19D	02/21/2019	67	--	< 0.25	< 0.25	--	--	--	--	--	--	--
MW-19D	02/21/2019	69	--	< 0.25	< 0.25	--	--	--	--	--	--	--
MW-19D	02/21/2019	71	--	< 0.25	< 0.25	--	--	--	--	--	--	--
MW-19D	02/21/2019	81	--	< 0.25	< 0.25	--	--	--	--	--	--	--
MW-19D	02/21/2019	91	--	< 0.25	< 0.25	--	--	--	--	--	--	--
MW-19D	02/22/2019	101	--	< 0.25	< 0.25	--	--	--	--	--	--	--
MW-19D	02/22/2019	111	--	< 0.25	< 0.25	--	--	--	--	--	--	--
MW-19D	02/22/2019	116	--	< 0.25	< 0.25	--	--	--	--	--	--	--
MW-19D	02/22/2019	121	--	< 0.25	< 0.25	--	--	--	--	--	--	--
MW-19D	02/25/2019	126	--	< 0.25	< 0.25	--	--	--	--	--	--	--
MW-19D	02/25/2019	131	--	< 0.25LQ	< 0.25LQ	--	--	--	--	--	--	--
MW-19D	02/26/2019	135.5	--	< 0.25	< 0.25	--	--	--	--	--	--	--
V-5	01/20/1998	5	< 0.25, M1	< 0.25, M1	< 0.25, M1	--	< 0.25, M1	< 0.25, M1	< 0.25, M1	--	< 0.25, M1	--
V-5	01/20/1998	15	< 0.25, M1	< 0.25, M1	< 0.25, M1	--	< 0.25, M1	< 0.25, M1	< 0.25, M1	--	< 0.25, M1	--
V-5	01/20/1998	29.5	< 0.1	< 0.1	< 0.1	< 0.1	< 0.05	< 0.05	< 0.05	--	< 0.05	--
V-5	01/20/1998	34.5	< 0.1	< 0.1	< 0.1	< 0.1	< 0.05	< 0.05	< 0.05	--	< 0.05	--
V-5	01/20/1998	44	< 0.1	< 0.1	< 0.1	< 0.1	< 0.05	< 0.05	< 0.05	--	< 0.05	--
V-5	01/20/1998	54.5	< 0.1	< 0.1	< 0.1	< 0.1	< 0.05	< 0.05	< 0.05	--	< 0.05	--
V-14	05/10/2016	66	--	--	--	--	--	--	--	--	--	--
V-14	05/10/2016	76	--	--	--	--	--	--	--	--	--	--
V-14	05/10/2016	86	--	--	--	--	--	--	--	--	--	--

TABLE 2b
Soil SVOC Analytical Data
ARCO Service Station No. 465
151 Southgate Avenue
Daly City, CA

Sample I.D.	Date	Depth (ft bgs)	1,2-Dichloropropane (mg/kg)	1,3-Dichloropropane (mg/kg)	2,2-Dichloropropane (mg/kg)	1,1-Dichloropropene (mg/kg)	Hexachlorobutadiene (mg/kg)	Isopropylbenzene (mg/kg)	Methylene chloride (mg/kg)	2-Methylnaphthalene (mg/kg)	p-Isopropyltoluene (mg/kg)	n-Propylbenzene (mg/kg)
MW-19D	02/20/2019	42	--	--	--	--	< 0.25	--	--	< 0.25	--	--
MW-19D	02/20/2019	51	--	--	--	--	< 0.25	--	--	< 0.25	--	--
MW-19D	02/20/2019	59	--	--	--	--	< 0.25	--	--	< 0.25	--	--
MW-19D	02/20/2019	63	--	--	--	--	< 0.25	--	--	< 0.25	--	--
MW-19D	02/21/2019	67	--	--	--	--	< 0.25	--	--	< 0.25	--	--
MW-19D	02/21/2019	69	--	--	--	--	< 0.25	--	--	< 0.25	--	--
MW-19D	02/21/2019	71	--	--	--	--	< 0.25	--	--	< 0.25	--	--
MW-19D	02/21/2019	81	--	--	--	--	< 0.25	--	--	< 0.25	--	--
MW-19D	02/21/2019	91	--	--	--	--	< 0.25	--	--	< 0.25	--	--
MW-19D	02/22/2019	101	--	--	--	--	< 0.25	--	--	< 0.25	--	--
MW-19D	02/22/2019	111	--	--	--	--	< 0.25	--	--	< 0.25	--	--
MW-19D	02/22/2019	116	--	--	--	--	< 0.25	--	--	< 0.25	--	--
MW-19D	02/22/2019	121	--	--	--	--	< 0.25	--	--	< 0.25	--	--
MW-19D	02/25/2019	126	--	--	--	--	< 0.25	--	--	< 0.25	--	--
MW-19D	02/25/2019	131	--	--	--	--	< 0.25LQ	--	--	< 0.25LQ	--	--
MW-19D	02/26/2019	135.5	--	--	--	--	< 0.25	--	--	< 0.25	--	--
V-5	01/20/1998	5	< 0.25, M1	--	--	--	--	--	< 2.5, M1	**4.4 M1**	--	--
V-5	01/20/1998	15	< 0.25, M1	--	--	--	--	--	< 2.5, M1	**2.9 M1**	--	--
V-5	01/20/1998	29.5	< 0.05	--	--	--	--	--	< 0.3	--	--	--
V-5	01/20/1998	34.5	< 0.05	--	--	--	--	--	< 0.3	--	--	--
V-5	01/20/1998	44	< 0.05	--	--	--	--	--	< 0.3	--	--	--
V-5	01/20/1998	54.5	< 0.05	--	--	--	--	--	< 0.3	--	--	--
V-14	05/10/2016	66	--	--	--	--	--	--	--	--	--	--
V-14	05/10/2016	76	--	--	--	--	--	--	--	--	--	--
V-14	05/10/2016	86	--	--	--	--	--	--	--	--	--	--

TABLE 2b

Soil SVOC Analytical Data

ARCO Service Station No. 465

151 Southgate Avenue

Daly City, CA

Sample I.D.	Date	Depth (ft bgs)	Styrene (mg/kg)	1,1,1,2-Tetrachloroethane (mg/kg)	1,1,2,2-Tetrachloroethane (mg/kg)	Tetrachloroethene (mg/kg)	1,2,3-Trichlorobenzene (mg/kg)	1,2,4-Trichlorobenzene (mg/kg)	1,1,2-Trichloroethane (mg/kg)	Trichloroethene (mg/kg)	Trichlorofluoromethane (mg/kg)	1,2,3-Trichloropropane (mg/kg)
MW-19D	02/20/2019	42	--	--	--	--	--	< 0.25	--	--	--	--
MW-19D	02/20/2019	51	--	--	--	--	--	< 0.25	--	--	--	--
MW-19D	02/20/2019	59	--	--	--	--	--	< 0.25	--	--	--	--
MW-19D	02/20/2019	63	--	--	--	--	--	< 0.25	--	--	--	--
MW-19D	02/21/2019	67	--	--	--	--	--	< 0.25	--	--	--	--
MW-19D	02/21/2019	69	--	--	--	--	--	< 0.25	--	--	--	--
MW-19D	02/21/2019	71	--	--	--	--	--	< 0.25	--	--	--	--
MW-19D	02/21/2019	81	--	--	--	--	--	< 0.25	--	--	--	--
MW-19D	02/21/2019	91	--	--	--	--	--	< 0.25	--	--	--	--
MW-19D	02/22/2019	101	--	--	--	--	--	< 0.25	--	--	--	--
MW-19D	02/22/2019	111	--	--	--	--	--	< 0.25	--	--	--	--
MW-19D	02/22/2019	116	--	--	--	--	--	< 0.25	--	--	--	--
MW-19D	02/22/2019	121	--	--	--	--	--	< 0.25	--	--	--	--
MW-19D	02/25/2019	126	--	--	--	--	--	< 0.25	--	--	--	--
MW-19D	02/25/2019	131	--	--	--	--	--	< 0.25LQ	--	--	--	--
MW-19D	02/26/2019	135.5	--	--	--	--	--	< 0.25	--	--	--	--
V-5	01/20/1998	5	< 0.25, M1	--	< 0.25, M1	< 0.25, M1	--	--	< 0.25, M1	< 0.25, M1	< 0.25, M1	--
V-5	01/20/1998	15	< 0.25, M1	--	< 0.25, M1	< 0.25, M1	--	--	< 0.25, M1	< 0.25, M1	< 0.25, M1	--
V-5	01/20/1998	29.5	--	--	< 0.05	< 0.05	--	--	< 0.05	< 0.05	< 0.05	--
V-5	01/20/1998	34.5	--	--	< 0.05	< 0.05	--	--	< 0.05	< 0.05	< 0.05	--
V-5	01/20/1998	44	--	--	< 0.05	< 0.05	--	--	< 0.05	< 0.05	< 0.05	--
V-5	01/20/1998	54.5	--	--	< 0.05	< 0.05	--	--	< 0.05	< 0.05	< 0.05	--
V-14	05/10/2016	66	--	--	--	< 0.002	--	--	--	< 0.002	--	--
V-14	05/10/2016	76	--	--	--	< 0.002	--	--	--	< 0.002	--	--
V-14	05/10/2016	86	--	--	--	< 0.0096	--	--	--	< 0.0096	--	--

TABLE 2b

Soil SVOC Analytical Data

ARCO Service Station No. 465

151 Southgate Avenue

Daly City, CA

Sample I.D.	Date	Depth (ft bgs)	1,2,4-Trimethylbenzene (mg/kg)	1,3,5-Trimethylbenzene (mg/kg)	Vinyl chloride (mg/kg)	2,4,5-Trichlorophenol (mg/kg)	2,4,6-Trichlorophenol (mg/kg)	2,4-Dichlorophenol (mg/kg)	2,4-Dimethylphenol (mg/kg)	2,4-Dinitrophenol (mg/kg)	2,4-Dinitrotoluene (mg/kg)	2,6-Dinitrotoluene (mg/kg)
MW-19D	02/20/2019	42	--	--	--	< 0.50	< 0.50	< 0.25	< 0.25	< 1.0	< 0.25	< 0.25
MW-19D	02/20/2019	51	--	--	--	< 0.50	< 0.50	< 0.25	< 0.25	< 1.0	< 0.25	< 0.25
MW-19D	02/20/2019	59	--	--	--	< 0.50	< 0.50	< 0.25	< 0.25	< 1.0	< 0.25	< 0.25
MW-19D	02/20/2019	63	--	--	--	< 0.50	< 0.50	< 0.25	< 0.25	< 1.0	< 0.25	< 0.25
MW-19D	02/21/2019	67	--	--	--	< 0.49	< 0.49	< 0.25	< 0.25	< 0.99	< 0.25	< 0.25
MW-19D	02/21/2019	69	--	--	--	< 0.49	< 0.49	< 0.25	< 0.25	< 0.98	< 0.25	< 0.25
MW-19D	02/21/2019	71	--	--	--	< 0.50	< 0.50	< 0.25	< 0.25	< 1.0	< 0.25	< 0.25
MW-19D	02/21/2019	81	--	--	--	< 0.50	< 0.50	< 0.25	< 0.25	< 1.0	< 0.25	< 0.25
MW-19D	02/21/2019	91	--	--	--	< 0.50	< 0.50	< 0.25	< 0.25	< 0.99	< 0.25	< 0.25
MW-19D	02/22/2019	101	--	--	--	< 0.50	< 0.50	< 0.25	< 0.25	< 0.99	< 0.25	< 0.25
MW-19D	02/22/2019	111	--	--	--	< 0.50	< 0.50	< 0.25	< 0.25	< 1.0	< 0.25	< 0.25
MW-19D	02/22/2019	116	--	--	--	< 0.50	< 0.50	< 0.25	< 0.25	< 0.99	< 0.25	< 0.25
MW-19D	02/22/2019	121	--	--	--	< 0.50	< 0.50	< 0.25	< 0.25	< 0.99	< 0.25	< 0.25
MW-19D	02/25/2019	126	--	--	--	< 0.50	< 0.50	< 0.25	< 0.25	< 1.0	< 0.25	< 0.25
MW-19D	02/25/2019	131	--	--	--	< 0.50LQ	< 0.50LQ	< 0.25LQ	< 0.25LQ	< 1.0	< 0.25LQ	< 0.25LQ
MW-19D	02/26/2019	135.5	--	--	--	< 0.49	< 0.49	< 0.25	< 0.25	< 0.98	< 0.25	< 0.25
V-5	01/20/1998	5	--	--	< 0.25, M1	--	--	--	--	--	--	--
V-5	01/20/1998	15	--	--	< 0.25, M1	--	--	--	--	--	--	--
V-5	01/20/1998	29.5	--	--	< 0.05	--	--	--	--	--	--	--
V-5	01/20/1998	34.5	--	--	< 0.05	--	--	--	--	--	--	--
V-5	01/20/1998	44	--	--	< 0.05	--	--	--	--	--	--	--
V-5	01/20/1998	54.5	--	--	< 0.05	--	--	--	--	--	--	--
V-14	05/10/2016	66	--	--	--	--	--	--	--	--	--	--
V-14	05/10/2016	76	--	--	--	--	--	--	--	--	--	--
V-14	05/10/2016	86	--	--	--	--	--	--	--	--	--	--

TABLE 2b

Soil SVOC Analytical Data

ARCO Service Station No. 465

151 Southgate Avenue

Daly City, CA

Sample I.D.	Date	Depth (ft bgs)	2-Chloronaphthalene (mg/kg)	2-Chlorophenol (mg/kg)	2-Methylphenol (o-Cresol) (mg/kg)	2-Nitroaniline (mg/kg)	2-Nitrophenol (mg/kg)	3,3'-Dichlorobenzidine (mg/kg)	3-Nitroaniline (mg/kg)	4,6-Dinitro-2-methylphenol (mg/kg)	4-Bromophenylphenyl ether (mg/kg)	4-Chloro-3-methylphenol (mg/kg)
MW-19D	02/20/2019	42	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.50	< 0.25	< 0.42	< 0.25	< 0.40
MW-19D	02/20/2019	51	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.50	< 0.25	< 0.42	< 0.25	< 0.40
MW-19D	02/20/2019	59	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.50	< 0.25	< 0.42	< 0.25	< 0.40
MW-19D	02/20/2019	63	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.50	< 0.25	< 0.42	< 0.25	< 0.40
MW-19D	02/21/2019	67	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.49	< 0.25	< 0.42	< 0.25	< 0.40
MW-19D	02/21/2019	69	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.49	< 0.25	< 0.41	< 0.25	< 0.39
MW-19D	02/21/2019	71	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.50	< 0.25	< 0.42	< 0.25	< 0.40
MW-19D	02/21/2019	81	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.50	< 0.25	< 0.42	< 0.25	< 0.40
MW-19D	02/21/2019	91	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.50	< 0.25	< 0.42	< 0.25	< 0.40
MW-19D	02/22/2019	101	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.50	< 0.25	< 0.42	< 0.25	< 0.40
MW-19D	02/22/2019	111	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.50	< 0.25	< 0.42	< 0.25	< 0.40
MW-19D	02/22/2019	116	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.50	< 0.25	< 0.42	< 0.25	< 0.40
MW-19D	02/22/2019	121	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.50	< 0.25	< 0.42	< 0.25	< 0.40
MW-19D	02/25/2019	126	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.50	< 0.25	< 0.42	< 0.25	< 0.40
MW-19D	02/25/2019	131	< 0.25LQ	< 0.25LQ	< 0.25LQ	< 0.25LQ	< 0.25LQ	< 0.50LQ	< 0.25	< 0.42LQ	< 0.25LQ	< 0.40LQ
MW-19D	02/26/2019	135.5	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.49	< 0.25	< 0.41	< 0.25	< 0.39
V-5	01/20/1998	5	--	--	--	--	--	--	--	--	--	--
V-5	01/20/1998	15	--	--	--	--	--	--	--	--	--	--
V-5	01/20/1998	29.5	--	--	--	--	--	--	--	--	--	--
V-5	01/20/1998	34.5	--	--	--	--	--	--	--	--	--	--
V-5	01/20/1998	44	--	--	--	--	--	--	--	--	--	--
V-5	01/20/1998	54.5	--	--	--	--	--	--	--	--	--	--
V-14	05/10/2016	66	--	--	--	--	--	--	--	--	--	--
V-14	05/10/2016	76	--	--	--	--	--	--	--	--	--	--
V-14	05/10/2016	86	--	--	--	--	--	--	--	--	--	--

TABLE 2b

Soil SVOC Analytical Data

ARCO Service Station No. 465

151 Southgate Avenue

Daly City, CA

Sample I.D.	Date	Depth (ft bgs)	4-Nitroaniline (mg/kg)	4-Nitrophenol (mg/kg)	Aniline (mg/kg)	Benzidine (mg/kg)	Benzoic acid (mg/kg)	Benzyl alcohol (mg/kg)	bis(2-Chloroethoxy)methane (mg/kg)	bis(2-Chloroethyl) ether (mg/kg)	bis(2-Ethylhexyl)phthalate (mg/kg)	Butylbenzylphthalate (mg/kg)
MW-19D	02/20/2019	42	< 0.50	< 1.0	< 0.50	< 1.3	< 0.75	< 1.3	< 0.25	< 0.25	< 0.25	< 0.25
MW-19D	02/20/2019	51	< 0.50	< 1.0	< 0.50	< 1.3	< 0.75	< 1.3	< 0.25	< 0.25	< 0.25	< 0.25
MW-19D	02/20/2019	59	< 0.50	< 1.0	< 0.50	< 1.3	< 0.75	< 1.3	< 0.25	< 0.25	< 0.25	< 0.25
MW-19D	02/20/2019	63	< 0.50	< 1.0	< 0.50	< 1.3	< 0.75	< 1.3	< 0.25	< 0.25	< 0.25	< 0.25
MW-19D	02/21/2019	67	< 0.49	< 0.99	< 0.49	< 1.3	< 0.74	< 1.3	< 0.25	< 0.25	< 0.25	< 0.25
MW-19D	02/21/2019	69	< 0.49	< 0.98	< 0.49	< 1.3	< 0.74	< 1.3	< 0.25	< 0.25	< 0.25	< 0.25
MW-19D	02/21/2019	71	< 0.50	< 1.0	< 0.50	< 1.3	< 0.75	< 1.3	< 0.25	< 0.25	< 0.25	< 0.25
MW-19D	02/21/2019	81	< 0.50	< 1.0	< 0.50	< 1.3	< 0.75	< 1.3	< 0.25	< 0.25	< 0.25	< 0.25
MW-19D	02/21/2019	91	< 0.50	< 0.99	< 0.50	< 1.3	< 0.74	< 1.3	< 0.25	< 0.25	< 0.25	< 0.25
MW-19D	02/22/2019	101	< 0.50	< 0.99	< 0.50	< 1.3	< 0.74	< 1.3	< 0.25	< 0.25	< 0.25	< 0.25
MW-19D	02/22/2019	111	< 0.50	< 1.0	< 0.50	< 1.3	< 0.75	< 1.3	< 0.25	< 0.25	< 0.25	< 0.25
MW-19D	02/22/2019	116	< 0.50	< 0.99	< 0.50	< 1.3	< 0.74	< 1.3	< 0.25	< 0.25	< 0.25	< 0.25
MW-19D	02/22/2019	121	< 0.50	< 0.99	< 0.50	< 1.3	< 0.75	< 1.3	< 0.25	< 0.25	< 0.25	< 0.25
MW-19D	02/25/2019	126	< 0.50	< 1.0	< 0.50	< 1.3	< 0.75	< 1.3	< 0.25	< 0.25	< 0.25	< 0.25
MW-19D	02/25/2019	131	< 0.50LQ	< 1.0LQ	< 0.50LQ	< 1.3	< 0.75	< 1.3LQ	< 0.25LQ	< 0.25LQ	< 0.25LQ	< 0.25LQ
MW-19D	02/26/2019	135.5	< 0.49	< 0.98	< 0.49	< 1.3	< 0.74	< 1.3	< 0.25	< 0.25	< 0.25	< 0.25
V-5	01/20/1998	5	--	--	--	--	--	--	--	--	--	--
V-5	01/20/1998	15	--	--	--	--	--	--	--	--	--	--
V-5	01/20/1998	29.5	--	--	--	--	--	--	--	--	--	--
V-5	01/20/1998	34.5	--	--	--	--	--	--	--	--	--	--
V-5	01/20/1998	44	--	--	--	--	--	--	--	--	--	--
V-5	01/20/1998	54.5	--	--	--	--	--	--	--	--	--	--
V-14	05/10/2016	66	--	--	--	--	--	--	--	--	--	--
V-14	05/10/2016	76	--	--	--	--	--	--	--	--	--	--
V-14	05/10/2016	86	--	--	--	--	--	--	--	--	--	--

TABLE 2b

Soil SVOC Analytical Data

ARCO Service Station No. 465

151 Southgate Avenue

Daly City, CA

Sample I.D.	Date	Depth (ft bgs)	Dibenzo(a,h)anthracene (mg/kg)	Dibenzofuran (mg/kg)	Diethylphthalate (mg/kg)	Dimethylphthalate (mg/kg)	Di-n-butylphthalate (mg/kg)	Di-n-octylphthalate (mg/kg)	Hexachlorobenzene (mg/kg)	Hexachlorocyclopentadiene (mg/kg)	Hexachloroethane (mg/kg)	Indeno (1,2,3-cd) pyrene (mg/kg)
MW-19D	02/20/2019	42	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.75	< 0.25	< 0.25
MW-19D	02/20/2019	51	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.75	< 0.25	< 0.25
MW-19D	02/20/2019	59	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.75	< 0.25	< 0.25
MW-19D	02/20/2019	63	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.75	< 0.25	< 0.25
MW-19D	02/21/2019	67	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.74	< 0.25	< 0.25
MW-19D	02/21/2019	69	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.74	< 0.25	< 0.25
MW-19D	02/21/2019	71	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.75	< 0.25	< 0.25
MW-19D	02/21/2019	81	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.75	< 0.25	< 0.25
MW-19D	02/21/2019	91	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.74	< 0.25	< 0.25
MW-19D	02/22/2019	101	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.74	< 0.25	< 0.25
MW-19D	02/22/2019	111	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.75	< 0.25	< 0.25
MW-19D	02/22/2019	116	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.74	< 0.25	< 0.25
MW-19D	02/22/2019	121	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.75	< 0.25	< 0.25
MW-19D	02/25/2019	126	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.75	< 0.25	< 0.25
MW-19D	02/25/2019	131	< 0.25LQ	< 0.25LQ	< 0.25LQ	< 0.25LQ	< 0.25LQ	< 0.25LQ	< 0.25LQ	< 0.75LQ	< 0.25LQ	< 0.25LQ
MW-19D	02/26/2019	135.5	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.74	< 0.25	< 0.25
V-5	01/20/1998	5	--	--	--	--	--	--	--	--	--	--
V-5	01/20/1998	15	--	--	--	--	--	--	--	--	--	--
V-5	01/20/1998	29.5	--	--	--	--	--	--	--	--	--	--
V-5	01/20/1998	34.5	--	--	--	--	--	--	--	--	--	--
V-5	01/20/1998	44	--	--	--	--	--	--	--	--	--	--
V-5	01/20/1998	54.5	--	--	--	--	--	--	--	--	--	--
V-14	05/10/2016	66	--	--	--	--	--	--	--	--	--	--
V-14	05/10/2016	76	--	--	--	--	--	--	--	--	--	--
V-14	05/10/2016	86	--	--	--	--	--	--	--	--	--	--

TABLE 2b

Soil SVOC Analytical Data

ARCO Service Station No. 465

151 Southgate Avenue

Daly City, CA

Sample I.D.	Date	Depth (ft bgs)	Isophorone (mg/kg)	Nitrobenzene (mg/kg)	N-Nitroso-di-n-propylamine (mg/kg)	N-Nitrosodiphenylamine (mg/kg)	Pentachlorophenol (mg/kg)	Phenol (mg/kg)	N-Nitrosodimethylamine (mg/kg)	Pyridine (mg/kg)
MW-19D	02/20/2019	42	< 0.25	< 0.25	< 0.25	< 0.50	< 0.50	< 0.25	< 0.25	< 0.34
MW-19D	02/20/2019	51	< 0.25	< 0.25	< 0.25	< 0.50	< 0.50	< 0.25	< 0.25	< 0.34
MW-19D	02/20/2019	59	< 0.25	< 0.25	< 0.25	< 0.50	< 0.50	< 0.25	< 0.25	< 0.34
MW-19D	02/20/2019	63	< 0.25	< 0.25	< 0.25	< 0.50	< 0.50	< 0.25	< 0.25	< 0.34
MW-19D	02/21/2019	67	< 0.25	< 0.25	< 0.25	< 0.49	< 0.49	< 0.25	< 0.25	< 0.34
MW-19D	02/21/2019	69	< 0.25	< 0.25	< 0.25	< 0.49	< 0.49	< 0.25	< 0.25	< 0.33
MW-19D	02/21/2019	71	< 0.25	< 0.25	< 0.25	< 0.50	< 0.50	< 0.25	< 0.25	< 0.34
MW-19D	02/21/2019	81	< 0.25	< 0.25	< 0.25	< 0.50	< 0.50	< 0.25	< 0.25	< 0.34
MW-19D	02/21/2019	91	< 0.25	< 0.25	< 0.25	< 0.50	< 0.50	< 0.25	< 0.25	< 0.34
MW-19D	02/22/2019	101	< 0.25	< 0.25	< 0.25	< 0.50	< 0.50	< 0.25	< 0.25	< 0.34
MW-19D	02/22/2019	111	< 0.25	< 0.25	< 0.25	< 0.50	< 0.50	< 0.25	< 0.25	< 0.34
MW-19D	02/22/2019	116	< 0.25	< 0.25	< 0.25	< 0.50	< 0.50	< 0.25	< 0.25	< 0.34
MW-19D	02/22/2019	121	< 0.25	< 0.25	< 0.25	< 0.50	< 0.50	< 0.25	< 0.25	< 0.34
MW-19D	02/25/2019	126	< 0.25	< 0.25	< 0.25	< 0.50	< 0.50	< 0.25	< 0.25	< 0.34
MW-19D	02/25/2019	131	< 0.25LQ	< 0.25LQ	< 0.25LQ	< 0.50LQ	< 0.50LQ	< 0.25LQ	< 0.25LQ	< 0.34LQ
MW-19D	02/26/2019	135.5	< 0.25	< 0.25	< 0.25	< 0.49	< 0.49	< 0.25	< 0.25	< 0.33
V-5	01/20/1998	5	--	--	--	--	--	--	--	--
V-5	01/20/1998	15	--	--	--	--	--	--	--	--
V-5	01/20/1998	29.5	--	--	--	--	--	--	--	--
V-5	01/20/1998	34.5	--	--	--	--	--	--	--	--
V-5	01/20/1998	44	--	--	--	--	--	--	--	--
V-5	01/20/1998	54.5	--	--	--	--	--	--	--	--
V-14	05/10/2016	66	--	--	--	--	--	--	--	--
V-14	05/10/2016	76	--	--	--	--	--	--	--	--
V-14	05/10/2016	86	--	--	--	--	--	--	--	--

TABLE 2b
Soil SVOC Analytical Data
ARCO Service Station No. 465
151 Southgate Avenue
Daly City, CA

Notes:
ft bgs = feet below ground surface
mg/kg = milligrams/kilograms
-- = Not analyzed
< = Analyte was not detected above the specified reporting limit
Bromobenzene, Bromodichloromethane, Bromoform, Bromomethane, sec-Butylbenzene, tert-Butylbenzene, n-Butylbenzene, Carbon tetrachloride, Chlorobenzene, Chloroethane, Chloroform, Chloromethane, 4-Chlorotoluene, 2-Chlorotoluene, 1,2-Bibromo-3-chloropropane, Dibromochloromethane, Dibromomethane, 1,2-Dichlorobenzene, Dichlorodifluoromethane, 1,1-Dichloroethane, 1,1-Dichloroethene, cis-1,2-Dichloroethene, cis-1,3-Dichloropropene, trans-1,2-Dichloroethene, trans-1,3-Dichloropropene, 1,2-Dichloropropane, 1,3-Dichloropropane, 2,2-Dichloropropane, 1,1-Dichloropropene, Isopropylbenzene, Methylene chloride, P-Isopropyltoluene, n-Propylbenzene, Styrene, 1,1,1,2-Tetrachloroethane, 1,1,2,2-Tetrachloroethane, Tetrachloroethene, 1,2,3-Trichlorobenzene, 1,1,1-Trichloroethane, 1,1,2-Trichloroethane, Trichloroethene, Trichlorofluoromethane, 1,2,3-Trichloropropane, 1,2,4-Trimethylbenzene, 1,3,5-Trimethylbenzene, and Vinyl Chloride
were not analyzed in these samples
BU = Samples analyzed after hold time expired.
BH = Reporting limits rasied due to high level of non-target analytes.
LQ = LCS/LCSD recovery above method control lim
M1 = The Method Reporting Limit (MRL) was elevated due to matrix interferences.

TABLE 3
Historical Gauging and Analytical Data
ARCO Service Station No. 465
151 Southgate Avenue
Daly City, CA

Well I.D.	Date	GROUNDWATER ELEVATION DATA						GROUNDWATER ANALYTICAL DATA															
		TOC Elevation (ft)	Water Level Depth (ft)	LNAPL Depth (ft)	LNAPL Thickness (ft)	Water Level Elevation* (ft)	Qualifiers	GRO (ug/L)	DRO (ug/L)	Benzene (ug/L)	Toluene (ug/L)	Ethylbenzene (ug/L)	Xylene (Total) (ug/L)	MTBE (ug/L)	Naphthalene (ug/L)	Ethanol (ug/L)	TBA (ug/L)	DIPE (ug/L)	ETBE (ug/L)	TAME (ug/L)	1,2-DCA (ug/L)	EDB (ug/L)	Stoddard Solvent (ug/L)
MW-1	4/1/1992	98.90	55.00	NP	--	43.90	--	**28000**	--	**5300**	**190**	**63**	**4800**	--	--	--	--	--	--	--	--	--	--
MW-1	12/1/1992	98.90	55.10	NP	--	43.80	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-1	12/9/1992	--	--	--	--	--	--	**2500**	--	**920**	< 0.5	< 0.5	**340**	--	--	--	--	--	--	--	--	--	--
MW-1	3/1/1993	98.90	55.36	NP	--	43.54	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-1	3/12/1993	--	--	--	--	--	--	**3200**	--	**820**	< 0.5	< 0.5	**320**	--	--	--	--	--	--	--	--	--	--
MW-1	6/1/1993	98.90	55.31	NP	--	43.59	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-1	6/6/1993	--	--	--	--	--	--	**8700**	--	**660**	< 0.5	< 0.5	**230**	--	--	--	--	--	--	--	--	--	--
MW-1	8/1/1993	98.90	55.36	NP	--	43.54	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-1	8/31/1993	--	--	--	--	--	--	**1500**	--	**450**	< 0.5	< 0.5	**120**	--	--	--	--	--	--	--	--	--	--
MW-1	11/1/1993	98.90	55.06	NP	--	43.84	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-1	11/10/1993	--	--	--	--	--	--	**640**	--	**270**	**2.8**	< 0.5	**69**	--	--	--	--	--	--	--	--	--	--
MW-1	3/1/1994	98.90	55.08	NP	--	43.82	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-1	3/4/1994	--	--	--	--	--	--	**340**	--	**84**	< 0.5	< 0.5	**8.5**	--	--	--	--	--	--	--	--	--	--
MW-1	4/1/1994	98.90	54.94	NP	--	43.96	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-1	4/19/1994	--	--	--	--	--	--	**520**	--	**130**	< 0.5	< 0.5	**12**	--	--	--	--	--	--	--	--	--	--
MW-1	8/1/1994	98.90	54.91	NP	--	43.99	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-1	8/6/1994	--	--	--	--	--	--	**170**	--	**47**	< 0.5	< 0.5	**3**	--	--	--	--	--	--	--	--	--	--
MW-1	12/1/1994	98.90	55.04	NP	--	43.86	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-1	12/11/1994	--	--	--	--	--	--	< 50	--	**7.7**	< 0.5	< 0.5	< 0.5	--	--	--	--	--	--	--	--	--	--
MW-1	3/1/1995	98.90	54.21	NP	--	44.69	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-1	3/20/1995	--	--	--	--	--	--	< 50	--	**4.9**	< 0.5	< 0.5	**0.7**	--	--	--	--	--	--	--	--	--	--
MW-1	5/1/1995	98.90	54.81	NP	--	44.09	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-1	5/24/1995	--	--	--	--	--	--	< 50	--	< 0.5	< 0.5	< 0.5	< 0.5	--	--	--	--	--	--	--	--	--	--
MW-1	8/1/1995	98.90	54.05	NP	--	44.85	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-1	8/18/1995	--	--	--	--	--	--	< 50	--	< 0.5	< 0.5	< 0.5	< 0.5	< 2.5	--	--	--	--	--	--	--	--	--
MW-1	11/1/1995	98.90	54.59	NP	--	44.31	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-1	11/14/1995	--	--	--	--	--	--	< 50	--	< 0.5	< 0.5	< 0.5	< 0.5	--	--	--	--	--	--	--	--	--	--
MW-1	3/30/1996	98.90	54.36	NP	--	44.54	--	< 50	--	< 0.50	< 0.50	< 0.50	< 0.50	< 2.5	--	--	--	--	--	--	--	--	--
MW-1	6/25/1996	98.90	54.59	NP	--	44.31	--	< 50	--	< 0.50	< 0.50	< 0.50	< 0.50	< 2.5	--	--	--	--	--	--	--	--	--
MW-1	9/27/1996	98.90	54.22	NP	--	44.68	--	< 50	--	**0.60**	< 0.50	< 0.50	< 0.50	< 2.5	--	--	--	--	--	--	--	--	--
MW-1	12/14/1996	98.90	54.18	NP	--	44.72	--	< 50	--	**0.66**	< 0.50	< 0.50	< 0.50	< 2.5	--	--	--	--	--	--	--	--	--
MW-1	5/5/1997	98.90	54.15	NP	--	44.75	DNP	< 50	--	< 0.50	< 0.50	< 0.50	< 0.50	< 2.5	--	--	--	--	--	--	--	--	--
MW-1	7/11/1997	98.90	54.07	NP	--	44.83	DNP	< 50	--	< 0.50	< 0.50	< 0.50	< 0.50	< 3.0	--	--	--	--	--	--	--	--	--
MW-1	9/18/1997	98.90	54.10	NP	--	44.80	DNP	< 50	--	< 0.50	< 0.50	< 0.50	< 0.50	< 3.0	--	--	--	--	--	--	--	--	--
MW-1	12/4/1997	98.90	54.05	NP	--	44.85	DNP	< 50	--	< 0.50	< 0.50	< 0.50	< 0.50	< 3.0	--	--	--	--	--	--	--	--	--
MW-1	3/11/1998	98.90	54.06	NP	--	44.84	DNP	< 50	--	< 0.50	< 0.50	< 0.50	**0.50**	< 3.0	--	--	--	--	--	--	--	--	--
MW-1	6/29/1998	98.90	54.01	NP	--	44.89	DNP	< 50	--	< 0.50	< 0.50	< 0.50	< 0.50	< 3.0	--	--	--	--	--	--	--	--	--
MW-1	9/15/1998	98.90	53.91	NP	--	44.99	DNP	< 50	--	**0.50**	**0.90**	< 0.50	**1.4**	< 3.0	--	--	--	--	--	--	--	--	--
MW-1	12/16/1998	98.90	53.86	NP	--	45.04	DNP	< 50	--	< 0.50	< 0.50	< 0.50	< 0.50	**3**	--	--	--	--	--	--	--	--	--
MW-1	2/15/1999	98.90	53.82	NP	--	45.08	DNP	< 50	--	< 0.50	< 0.50	< 0.50	< 0.50	< 3.0	--	--	--	--	--	--	--	--	--
MW-1	5/17/1999	98.90	53.91	NP	--	44.99	DNP	< 50	--	< 0.50	< 0.50	< 0.50	< 0.50	**990**	--	--	--	--	--	--	--	--	--
MW-1	8/9/1999	98.90	53.88	NP	--	45.02	DNP	< 50	--	< 0.50	**0.50**	< 0.50	< 0.50	< 3.0	--	--	--	--	--	--	--	--	--
MW-1	12/2/1999	98.90	54.05	NP	--	44.85	DNP	< 50	--	< 0.50	< 0.50	< 0.50	< 0.50	< 3.0	--	--	--	--	--	--	--	--	--
MW-1	3/22/2000	98.90	54.11	NP	--	44.79	DNP	< 50	--	< 0.50	**1.7**	< 0.50	**1.5**	< 3.0	--	--	--	--	--	--	--	--	--
MW-1	4/28/2000	98.90	54.16	NP	--	44.74	DNP	< 50	--	< 0.50	< 0.50	< 0.50	< 1.0	< 3.0	--	--	--	--	--	--	--	--	--
MW-1	9/21/2000	98.90	--	--	--	--	WI	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-1	11/2/2000	99.63	54.59	NP	--	45.04	DNP, j	< 50	--	< 0.50	**0.953**	< 0.50	< 0.50	< 5.0	--	--	--	--	--	--	--	--	--
MW-1	2/13/2001	99.63	54.51	NP	--	45.12	DNP	< 50	--	< 0.50	< 0.50	< 0.50	< 0.50	< 1.0	--	--	--	--	--	--	--	--	--
MW-1	6/21/2001	99.63	54.49	NP	--	45.14	DNP	< 50	--	< 0.50	< 0.50	< 0.50	< 0.50	**21**	--	--	--	--	--	--	--	--	--
MW-1	12/31/2001	99.63	54.70	NP	--	44.93	DNP	< 50	--	< 0.50	< 0.50	< 0.50	< 0.50	**4.8**	--	--	--	--	--	--	--	--	--
MW-1	3/18/2002	99.63	54.72	NP	--	44.91	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-1	6/27/2002	99.63	54.63	NP	--	45.00	DNP	< 50	--	< 0.50	< 0.50	< 0.50	< 0.50	**16**	--	--	--	--	--	--	--	--	--
MW-1	9/25/2002	99.63	54.60	NP	--	45.03	DNP, g	< 50	--	**0.65**	**3.1**	< 0.50	**1.2**	**37**	--	--	--	--	--	--	--	--	< 48

TABLE 3
Historical Gauging and Analytical Data
ARCO Service Station No. 465
151 Southgate Avenue
Daly City, CA

Well I.D.	Date	GROUNDWATER ELEVATION DATA						GROUNDWATER ANALYTICAL DATA															
		TOC Elevation (ft)	Water Level Depth (ft)	LNAPL Depth (ft)	LNAPL Thickness (ft)	Water Level Elevation* (ft)	Qualifiers	GRO (ug/L)	DRO (ug/L)	Benzene (ug/L)	Toluene (ug/L)	Ethylbenzene (ug/L)	Xylene (Total) (ug/L)	MTBE (ug/L)	Naphthalene (ug/L)	Ethanol (ug/L)	TBA (ug/L)	DIPE (ug/L)	ETBE (ug/L)	TAME (ug/L)	1,2-DCA (ug/L)	EDB (ug/L)	Stoddard Solvent (ug/L)
MW-1	12/13/2002	99.63	54.60	NP	--	45.03	DNP, g	< 50	--	< 0.50	< 0.50	< 0.50	< 0.50	**6.8**	--	--	--	--	--	--	--	--	< 47
MW-1	3/28/2003	99.63	54.62	NP	--	45.01	DNP	< 50	--	< 0.50	< 0.50	< 0.50	< 0.50	**7**	--	< 100	< 20	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	--
MW-1	3/31/2003	99.63	54.57	NP	--	45.06	g	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	< 49
MW-1	5/6/2003	99.63	54.51	NP	--	45.12	g	< 50	--	< 0.50	< 0.50	< 0.50	< 0.50	**6.5**	--	< 100	< 20	< 0.50	< 0.50	< 0.50	--	--	< 47
MW-1	7/22/2003	99.63	54.60	NP	--	45.03	g	< 50	--	< 0.50	< 0.50	< 0.50	< 0.50	**7.9**	--	< 100	< 20	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 51
MW-1	10/21/2003	99.63	54.68	NP	--	44.95	DNP	< 50	**150**	< 0.50	**3.4**	< 0.50	**2.6**	**22**	--	< 100	< 20	< 0.50	< 0.50	< 0.50	--	--	**62**
MW-1	2/3/2004	99.63	54.62	NP	--	45.01	DNP	< 50	--	< 0.50	< 0.50	< 0.50	< 0.50	**8.1**	--	< 100	< 20	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 49
MW-1	4/14/2004	99.63	54.64	NP	--	44.99	DNP, m	72 N	--	< 2.5	< 2.5	< 2.5	< 2.5	**96**	--	< 500	< 100	< 5.0	< 5.0	< 5.0	< 2.5	< 2.5	< 47
MW-1	7/20/2004	99.63	54.56	NP	--	45.07	DNP	**70**	--	< 0.50	< 0.50	< 0.50	< 0.50	**56**	--	**120**	< 20	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 50
MW-1	10/29/2004	99.63	54.39	NP	--	45.24	DNP	< 250	**56**	< 2.5	**16**	< 2.5	**13**	**200**	--	< 500	< 100	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5	< 50
MW-1	1/11/2005	99.63	54.36	NP	--	45.27	DNP	< 500	--	< 5.0	< 5.0	< 5.0	< 5.0	**130**	--	< 1000	< 200	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 49
MW-1	5/3/2005	99.63	54.40	NP	--	45.23	DNP	< 250	--	< 2.5	< 2.5	< 2.5	< 2.5	**200**	--	< 500	< 100	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5	< 50
MW-1	8/3/2005	99.63	54.14	NP	--	45.49	DNP	**1100**	--	**6.9**	**7.9**	**22**	**110**	**270**	--	< 1000	< 200	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 50
MW-1	10/28/2005	99.63	54.00	NP	--	45.63	DNP	< 500	--	< 5.0	**13**	< 5.0	**29**	**310**	--	< 1000	< 200	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 49
MW-1	1/11/2006	99.63	54.15	NP	--	45.48	DNP	< 250	--	< 2.5	< 2.5	< 2.5	< 2.5	**250**	--	< 1500	< 100	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5	< 48
MW-1	4/17/2006	99.63	54.11	NP	--	45.52	DNP	**360**	--	< 0.50	< 0.50	< 0.50	< 0.50	**700**	--	< 300	< 20	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 48
MW-1	7/18/2006	99.63	53.92	NP	--	45.71	DNP	**570**	--	< 10	< 10	< 10	< 10	**780**	--	< 6000	< 400	< 10	< 10	< 10	< 10	< 10	< 47
MW-1	11/13/2006	99.63	53.86	NP	--	45.77	--	**480**	--	< 5.0	< 5.0	< 5.0	< 5.0	**890**	--	< 3000	< 200	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 48
MW-1	1/12/2007	99.63	53.81	NP	--	45.82	DNP	**540**	--	< 5.0	< 5.0	< 5.0	< 5.0	**1000**	--	< 3000	< 200	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 48
MW-1	4/16/2007	99.63	53.84	NP	--	45.79	Past hold time (SS), DNP	570 N	--	< 5.0	< 5.0	< 5.0	< 5.0	**800**	--	< 3000	< 200	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 49
MW-1	7/6/2007	99.63	54.04	NP	--	45.59	DNP	380 N	--	< 2.5	< 2.5	< 2.5	< 2.5	**510**	--	< 1500	< 100	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5	< 47
MW-1	10/4/2007	99.63	54.21	NP	--	45.42	DNP	260 N	--	< 2.5	< 2.5	< 2.5	< 2.5	**450**	--	< 1500	< 100	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5	< 47
MW-1	1/21/2008	99.63	54.33	NP	--	45.30	DNP	< 500	--	< 5.0	< 5.0	< 5.0	< 5.0	**250**	--	< 3000	< 200	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 50
MW-1	4/17/2008	99.63	54.50	NP	--	45.13	DNP	< 50	--	< 0.50	< 0.50	< 0.50	< 0.50	**190**	--	< 300	**15**	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 50
MW-1	7/10/2008	99.63	54.45	NP	--	45.18	DNP	< 50	--	< 2.5	< 2.5	< 2.5	< 2.5	**95**	--	< 1500	< 50	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5	< 50
MW-1	10/16/2008	99.58	54.52	NP	--	45.06	DNP	< 50	--	< 2.0	< 2.0	< 2.0	< 2.0	**80**	--	< 1200	< 40	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	98 N
MW-1	1/22/2009	99.58	54.54	NP	--	45.04	DNP	< 50	--	< 2.0	< 2.0	< 2.0	**3.5**	**40**	--	< 1200	< 40	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 50
MW-1	4/22/2009	99.58	54.61	NP	--	44.97	DNP	< 50	--	< 0.50	< 0.50	< 0.50	< 0.50	**18**	--	< 300	< 10	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 50
MW-1	7/27/2009	99.58	54.75	NP	--	44.83	DNP	< 50	--	< 0.50	< 0.50	< 0.50	< 0.50	**15**	--	< 300	< 10	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 50
MW-1	10/30/2009	99.58	54.80	NP	--	44.78	DNP	< 50	--	< 0.50	< 0.50	< 0.50	< 0.50	**8.7**	--	< 300	< 10	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 50
MW-1	4/23/2010	99.58	54.89	NP	--	44.69	--	< 50	--	< 0.50	< 0.50	< 0.50	**0.92**	**5.4**	--	< 300	< 10	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	--
MW-1	10/28/2010	99.58	54.72	NP	--	44.86	Grab sample, DNP	< 50	--	< 0.50	< 0.50	< 0.50	< 0.50	**4.7**	--	< 300	< 10	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 50
MW-1	4/11/2011	99.58	54.87	NP	--	44.71	DNP	< 50	--	< 0.50	< 0.50	< 0.50	< 0.50	**2.1**	--	< 300	< 10	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 50
MW-1	10/24/2011	99.28	54.49	NP	--	44.79	--	< 50	--	< 0.50	< 0.50	< 0.50	< 0.50	**4.7**	--	< 300	< 10	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 50
MW-1	4/4/2012	99.28	54.45	NP	--	44.83	DNP	< 50	--	< 0.50	< 0.50	< 0.50	< 0.50	**0.93**	--	< 300	< 10	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 50
MW-1	7/25/2012	99.28	54.73	NP	--	44.55	SV, DNP, Grab sample	< 50	--	< 0.50	< 0.50	< 0.50	< 1.0	**1.2**	--	< 150	< 10	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 47
MW-1	10/3/2012	99.28	54.80	NP	--	44.48	SV, DNP	< 50	--	< 0.50	< 0.50	< 0.50	< 1.0	**4.8**	--	< 150	< 10	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 48
MW-1	1/14/2013	99.28	55.00	NP	--	44.28	SV, DNP	< 50	--	< 0.50	< 0.50	< 0.50	< 1.0	**3.3**	--	< 150	< 10	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 48
MW-1	4/1/2013	99.28	55.50	NP	--	43.78	SV, DNP	< 50	--	< 0.50	< 0.50	< 0.50	< 1.0	**3.5**	--	--	< 10	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 47
MW-1	7/25/2013	99.28	55.57	NP	--	43.71	MD	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-1	7/26/2013	99.28	--	--	--	--	SV, DNP, Grab sample	< 50	--	< 0.50	< 0.50	< 0.50	< 1.0	**0.88**	--	< 150	< 10	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 48
MW-1	10/29/2013	99.28	55.10	NP	--	44.18	SV	< 50	--	< 0.50	< 0.50	< 0.50	< 1.0	**1.8**	--	< 150	< 10	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 48
MW-1	1/21/2014	99.28	55.22	NP	--	44.06	MD	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-1	1/22/2014	99.28	--	--	--	--	SV	< 50	--	< 0.50	< 0.50	< 0.50	< 1.0	**5.0**	--	--	< 10	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 48
MW-1	2/9/2015	99.28	55.71	NP	--	43.57	MD	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

TABLE 3
Historical Gauging and Analytical Data
ARCO Service Station No. 465
151 Southgate Avenue
Daly City, CA

Well I.D.	Date	GROUNDWATER ELEVATION DATA						GROUNDWATER ANALYTICAL DATA															
		TOC Elevation (ft)	Water Level Depth (ft)	LNAPL Depth (ft)	LNAPL Thickness (ft)	Water Level Elevation* (ft)	Qualifiers	GRO (ug/L)	DRO (ug/L)	Benzene (ug/L)	Toluene (ug/L)	Ethylbenzene (ug/L)	Xylene (Total) (ug/L)	MTBE (ug/L)	Naphthalene (ug/L)	Ethanol (ug/L)	TBA (ug/L)	DIPE (ug/L)	ETBE (ug/L)	TAME (ug/L)	1,2-DCA (ug/L)	EDB (ug/L)	Stoddard Solvent (ug/L)
MW-1	2/12/2015	99.28	--	--	--	--	NG, Grab sample, DNP	< 50	--	< 0.50	< 0.50	< 0.50	< 1.0	**2.7**	--	--	< 10	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 51
MW-1	8/26/2019	99.28	58.83	NP	--	40.45	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-1R	2/9/2015	98.90	55.00	NP	--	43.90	MD	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-1R	2/13/2015	--	--	--	--	--	--	< 50	--	< 0.50	< 0.50	< 0.50	< 1.0	< 0.50	--	--	< 10	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 51
MW-1R	9/14/2015	98.90	55.10	NP	--	43.80	--	< 50	--	< 0.50	< 0.50	< 0.50	< 1.0	< 0.50	--	< 150	< 10	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 47
MW-1R	2/8/2016	98.90	54.50	NP	--	44.40	MD	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-1R	2/10/2016	--	--	--	--	--	--	< 50	--	< 0.50	< 0.50	< 0.50	< 1.0	< 0.50	--	--	< 10	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 47
MW-1R	7/25/2016	98.90	54.09	NP	--	44.81	MD	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-1R	7/26/2016	--	--	--	--	--	--	< 50	--	< 0.50	< 0.50	< 0.50	< 1.0	< 0.50	< 1.0	< 150	< 10	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 50
MW-1R	9/6/2017	98.90	53.58	NP	--	45.32	--	< 50	--	< 0.50	< 0.50	< 0.50	< 1.0	< 0.50	< 1.0	< 150	< 10	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 48
MW-1R	2/13/2018	98.90	53.30	NP	--	45.60	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-1R	2/15/2018	--	--	--	--	--	--	< 50	--	< 0.50	< 0.50	< 0.50	< 1.0	< 0.50	< 1.0	< 150	< 10	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 49
MW-1R	4/24/2018	98.90	53.27	NP	--	45.63	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-1R	9/28/2018	98.90	53.47	NP	--	45.43	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-1R	1/28/2019	98.90	53.64	NP	--	45.26	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-1R	1/29/2019	98.90	--	--	--	--	NG	< 50	--	< 0.50	< 0.50	< 0.50	< 1.0	< 0.50	< 1.0	< 150	< 10	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 48
MW-1R	5/16/2019	98.90	53.90	NP	--	45.00	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-1R	8/26/2019	98.90	53.87	NP	--	45.03	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-1R	11/4/2019	98.90	53.90	NP	--	45.00	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-1R	1/20/2020	98.90	53.82	NP	--	45.08	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-1R	1/21/2020	98.90	--	--	--	--	NG	< 50	--	< 0.50	< 0.50	< 0.50	< 1.0	< 0.50	< 1.0	< 150	< 10	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 48
MW-2	4/1/1992	99.10	55.08	NP	--	44.02	--	**5900**	--	**1400**	**100**	**77**	**700**	--	--	--	--	--	--	--	--	--	--
MW-2	12/1/1992	99.10	55.19	NP	--	43.91	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-2	12/9/1992	--	--	--	--	--	--	**2100**	--	**890**	< 0.5	< 0.5	**230**	--	--	--	--	--	--	--	--	--	--
MW-2	3/1/1993	99.10	55.11	NP	--	43.99	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-2	3/12/1993	--	--	--	--	--	--	**2300**	--	**970**	< 0.5	< 0.5	**270**	--	--	--	--	--	--	--	--	--	--
MW-2	6/1/1993	99.10	55.04	NP	--	44.06	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-2	6/6/1993	--	--	--	--	--	--	**1700**	--	**530**	< 0.5	< 0.5	**150**	--	--	--	--	--	--	--	--	--	--
MW-2	8/1/1993	99.10	55.11	NP	--	43.99	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-2	8/31/1993	--	--	--	--	--	--	**1300**	--	**430**	< 0.5	< 0.5	**110**	--	--	--	--	--	--	--	--	--	--
MW-2	11/1/1993	99.10	54.90	NP	--	44.20	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-2	11/10/1993	--	--	--	--	--	--	**740**	--	**270**	**2.6**	< 0.5	**83**	--	--	--	--	--	--	--	--	--	--
MW-2	3/1/1994	99.10	54.81	NP	--	44.29	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-2	3/4/1994	--	--	--	--	--	--	**580**	--	**98**	**1.2**	< 0.5	**36**	--	--	--	--	--	--	--	--	--	--
MW-2	4/1/1994	99.10	54.71	NP	--	44.39	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-2	4/19/1994	--	--	--	--	--	--	**420**	--	**42**	**0.74**	< 0.5	**24**	--	--	--	--	--	--	--	--	--	--
MW-2	8/1/1994	99.10	54.63	NP	--	44.47	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-2	8/6/1994	--	--	--	--	--	--	**120**	--	**5.4**	< 0.5	< 0.5	< 0.5	--	--	--	--	--	--	--	--	--	--
MW-2	12/1/1994	99.10	54.63	NP	--	44.47	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-2	12/11/1994	--	--	--	--	--	--	< 50	--	**3.2**	< 0.5	< 0.5	< 0.5	--	--	--	--	--	--	--	--	--	--
MW-2	3/1/1995	99.10	54.54	NP	--	44.56	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-2	3/20/1995	--	--	--	--	--	--	**110**	--	**4.1**	**0.96**	< 0.5	**5.6**	--	--	--	--	--	--	--	--	--	--
MW-2	5/1/1995	99.10	54.58	NP	--	44.52	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-2	5/24/1995	--	--	--	--	--	--	< 50	--	**2.5**	< 0.5	< 0.5	< 0.5	--	--	--	--	--	--	--	--	--	--
MW-2	8/1/1995	99.10	54.76	NP	--	44.34	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-2	8/18/1995	--	--	--	--	--	--	< 50	--	< 0.5	< 0.5	< 0.5	< 0.5	< 2.5	--	--	--	--	--	--	--	--	--
MW-2	11/1/1995	99.10	54.35	NP	--	44.75	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-2	11/14/1995	--	--	--	--	--	--	< 50	--	**1.1**	< 0.5	< 0.5	< 0.5	--	--	--	--	--	--	--	--	--	--
MW-2	3/30/1996	99.10	54.11	NP	--	44.99	--	< 50	--	**1.4**	< 0.50	< 0.50	< 0.50	< 2.5	--	--	--	--	--	--	--	--	--

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ARCO Service Station No. 465
151 Southgate Avenue
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Well I.D.	Date	GROUNDWATER ELEVATION DATA						GROUNDWATER ANALYTICAL DATA															
		TOC Elevation (ft)	Water Level Depth (ft)	LNAPL Depth (ft)	LNAPL Thickness (ft)	Water Level Elevation* (ft)	Qualifiers	GRO (ug/L)	DRO (ug/L)	Benzene (ug/L)	Toluene (ug/L)	Ethylbenzene (ug/L)	Xylene (Total) (ug/L)	MTBE (ug/L)	Naphthalene (ug/L)	Ethanol (ug/L)	TBA (ug/L)	DIPE (ug/L)	ETBE (ug/L)	TAME (ug/L)	1,2-DCA (ug/L)	EDB (ug/L)	Stoddard Solvent (ug/L)
MW-2	6/25/1996	99.10	54.28	NP	--	44.82	--	< 50	--	**3.1**	< 0.50	< 0.50	< 0.50	< 2.5	--	--	--	--	--	--	--	--	--
MW-2	9/27/1996	99.10	54.01	NP	--	45.09	--	< 50	--	**0.67**	< 0.50	< 0.50	< 0.50	< 2.5	--	--	--	--	--	--	--	--	--
MW-2	12/14/1996	99.10	53.96	NP	--	45.14	--	< 50	--	**0.61**	< 0.50	< 0.50	< 0.50	< 2.5	--	--	--	--	--	--	--	--	--
MW-2	5/5/1997	99.10	54.01	NP	--	45.09	DNP	< 50	--	**0.94**	< 0.50	< 0.50	< 0.50	< 2.5	--	--	--	--	--	--	--	--	--
MW-2	7/11/1997	99.10	53.87	NP	--	45.23	DNP	< 50	--	< 0.50	< 0.50	< 0.50	< 0.50	< 3.0	--	--	--	--	--	--	--	--	--
MW-2	9/18/1997	99.10	53.83	NP	--	45.27	DNP	< 50	--	< 0.50	< 0.50	< 0.50	< 0.50	< 3.0	--	--	--	--	--	--	--	--	--
MW-2	12/4/1997	99.10	53.82	NP	--	45.28	DNP	< 50	--	< 0.50	< 0.50	< 0.50	< 0.50	< 3.0	--	--	--	--	--	--	--	--	--
MW-2	3/11/1998	99.10	53.83	NP	--	45.27	DNP	< 50	--	< 0.50	< 0.50	< 0.50	< 0.50	< 3.0	--	--	--	--	--	--	--	--	--
MW-2	6/29/1998	99.10	53.81	NP	--	45.29	DNP	< 50	--	< 0.50	< 0.50	< 0.50	< 0.50	< 3.0	--	--	--	--	--	--	--	--	--
MW-2	9/15/1998	99.10	53.68	NP	--	45.42	DNP	< 50	--	< 0.50	< 0.50	< 0.50	< 0.50	< 3.0	--	--	--	--	--	--	--	--	--
MW-2	12/16/1998	99.10	53.61	NP	--	45.49	DNP	< 50	--	< 0.50	< 0.50	< 0.50	< 0.50	< 3.0	--	--	--	--	--	--	--	--	--
MW-2	2/15/1999	99.10	53.60	NP	--	45.50	DNP	< 50	--	< 0.50	< 0.50	< 0.50	< 0.50	< 3.0	--	--	--	--	--	--	--	--	--
MW-2	5/17/1999	99.10	53.38	NP	--	45.72	DNP	**25000**	--	**56**	**1400**	**230**	**4100**	**7500**	--	--	--	--	--	--	--	--	--
MW-2	8/9/1999	99.10	53.67	NP	--	45.43	DNP	**55**	--	< 0.50	**0.50**	**0.60**	**1.3**	**93**	--	--	--	--	--	--	--	--	--
MW-2	12/2/1999	99.10	53.79	NP	--	45.31	DNP, k	< 50	--	< 0.50	< 0.50	< 0.50	< 0.50	**73**	--	--	--	--	--	--	--	--	--
MW-2	3/22/2000	99.10	53.89	NP	--	45.21	DNP	< 50	--	< 0.50	**1.3**	< 0.50	**1.5**	< 3.0	--	--	--	--	--	--	--	--	--
MW-2	4/28/2000	99.10	53.93	NP	--	45.17	DNP, j	< 50	--	< 0.50	< 0.50	< 0.50	< 1.0	< 3.0	--	--	--	--	--	--	--	--	--
MW-2	9/21/2000	99.10	53.90	NP	--	45.20	DNP, j	< 50 N	--	< 0.50	**1.06**	< 0.50	**0.89**	**29.8**	--	--	--	--	--	--	--	--	--
MW-2	11/2/2000	99.62	54.56	NP	--	45.06	DNP	217 N	--	**1.84**	**15.9**	**1.46**	**12.7**	**286**	--	--	--	--	--	--	--	--	--
MW-2	2/13/2001	99.62	54.47	NP	--	45.15	DNP	< 50	--	< 0.50	< 0.50	< 0.50	< 0.50	**1.91**	--	--	--	--	--	--	--	--	--
MW-2	6/21/2001	99.62	54.56	NP	--	45.06	DNP	< 50	--	< 0.50	< 0.50	< 0.50	< 0.50	**4.8**	--	--	--	--	--	--	--	--	--
MW-2	12/31/2001	99.62	54.65	NP	--	44.97	DNP	< 50	--	< 0.50	**0.70**	< 0.50	**1.1**	**450**	--	--	--	--	--	--	--	--	--
MW-2	3/18/2002	99.62	54.68	NP	--	44.94	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-2	6/27/2002	99.62	54.60	NP	--	45.02	DNP	< 50	--	< 0.50	< 0.50	< 0.50	< 0.50	**1.7**	--	--	--	--	--	--	--	--	--
MW-2	9/25/2002	99.62	54.58	NP	--	45.04	DNP, g	< 50	--	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	--	--	--	--	--	--	--	--	< 48
MW-2	12/13/2002	99.62	54.55	NP	--	45.07	DNP, g	< 50	--	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	--	--	--	--	--	--	--	--	< 48
MW-2	3/28/2003	99.62	54.56	NP	--	45.06	DNP	**350**	--	**2.5**	**51**	**1.2**	**100**	**2.9**	--	< 100	< 20	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	--
MW-2	3/31/2003	99.62	54.54	NP	--	45.08	g	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	< 47
MW-2	5/6/2003	99.62	54.47	NP	--	45.15	g	< 50	--	< 0.50	**1.9**	< 0.50	**4**	**3.4**	--	< 100	< 20	< 0.50	< 0.50	< 0.50	--	--	< 47
MW-2	7/22/2003	99.62	54.54	NP	--	45.08	g	< 50	--	< 0.50	< 0.50	< 0.50	< 0.50	**2**	--	< 100	< 20	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 52
MW-2	10/21/2003	99.62	54.64	NP	--	44.98	DNP, g	< 50	< 50	< 0.50	< 0.50	< 0.50	< 0.50	**1.9**	--	< 100	< 20	< 0.50	< 0.50	< 0.50	--	--	< 50
MW-2	2/3/2004	99.62	54.56	NP	--	45.06	DNP, e	3500 N	--	**6.4**	**370**	**35**	**1100**	**200**	--	< 1000	< 200	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	**1000**
MW-2	4/14/2004	99.62	54.59	NP	--	45.03	DNP	**76**	--	< 0.50	**12**	**0.76**	**32**	**10**	--	< 100	< 20	< 1.0	< 1.0	< 1.0	< 0.50	< 0.50	< 47
MW-2	7/20/2004	99.62	54.50	NP	--	45.12	DNP	< 50	--	< 0.50	< 0.50	< 0.50	< 0.50	**5.4**	--	< 100	< 20	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 50
MW-2	10/29/2004	99.62	54.41	NP	--	45.21	DNP	< 50	< 50	< 0.50	< 0.50	< 0.50	< 0.50	**8.7**	--	< 100	< 20	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 50
MW-2	1/11/2005	99.62	54.40	NP	--	45.22	DNP	**1900**	--	< 5.0	**220**	**31**	**610**	**16**	--	< 1000	< 200	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	**410**
MW-2	5/3/2005	99.62	54.25	NP	--	45.37	DNP	250 N	--	< 0.50	**16**	**1.2**	**81**	**5.9**	--	< 100	< 20	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	**50**
MW-2	8/3/2005	99.62	54.12	NP	--	45.50	DNP	< 50	--	< 0.50	< 0.50	**0.76**	**3.7**	**17**	--	< 100	< 20	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 50
MW-2	10/28/2005	99.62	53.95	NP	--	45.67	DNP	< 50	--	< 0.50	< 0.50	< 0.50	< 0.50	**35**	--	< 100	< 20	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 47
MW-2	1/11/2006	99.62	54.00	NP	--	45.62	DNP	86 N	--	< 0.50	**0.79**	< 0.50	**17**	**29**	--	< 300	< 20	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	**84**
MW-2	4/17/2006	99.62	54.05	NP	--	45.57	DNP	**84**	--	< 0.50	**1.4**	< 0.50	**15**	**52**	--	< 300	< 20	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 47
MW-2	7/18/2006	99.62	53.88	NP	--	45.74	DNP	**73**	--	< 0.50	< 0.50	< 0.50	< 0.50	**77**	--	< 300	< 20	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 47
MW-2	11/13/2006	99.62	53.81	NP	--	45.81	--	**54**	--	< 0.50	< 0.50	< 0.50	< 0.50	**130**	--	< 300	< 20	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 50
MW-2	1/12/2007	99.62	53.80	NP	--	45.82	--	**79**	--	< 0.50	< 0.50	< 0.50	< 0.50	**150**	--	< 300	< 20	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 49
MW-2	4/16/2007	99.62	53.89	NP	--	45.73	Past hold time (SS), DNP	210 N	--	< 2.5	< 2.5	< 2.5	< 2.5	**260**	--	< 1500	< 100	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5	< 49
MW-2	7/6/2007	99.62	54.00	NP	--	45.62	DNP	290 N	--	< 1.0	< 1.0	< 1.0	< 1.0	**380**	--	< 600	< 40	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 47
MW-2	10/4/2007	99.62	54.16	NP	--	45.46	DNP	260 N	--	< 2.5	< 2.5	< 2.5	< 2.5	**470**	--	< 1500	< 100	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5	< 47
MW-2	1/21/2008	99.62	54.31	NP	--	45.31	DNP	< 250	--	< 2.5	< 2.5	< 2.5	< 2.5	**370**	--	< 1500	< 100	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5	< 47
MW-2	4/17/2008	99.62	54.42	NP	--	45.20	DNP	**68**	--	< 0.50	< 0.50	< 0.50	**27**	**480**	--	< 300	**44**	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	60 N
MW-2	7/10/2008	99.62	54.41	NP	--	45.21	DNP	< 50	--	< 10	< 10	< 10	< 10	**670**	--	< 6000	< 200	< 10	< 10	< 10	< 10	< 10	< 50
MW-2	10/16/2008	99.62	54.45	NP	--	45.17	DNP	< 50	--	< 10	< 10	< 10	< 10	**680**	--	< 6000	< 200	< 10	< 10	< 10	< 10	< 10	62 N

TABLE 3
Historical Gauging and Analytical Data
ARCO Service Station No. 465
151 Southgate Avenue
Daly City, CA

Well I.D.	Date	GROUNDWATER ELEVATION DATA						GROUNDWATER ANALYTICAL DATA														
		TOC Elevation (ft)	Water Level Depth (ft)	LNAPL Depth (ft)	LNAPL Thickness (ft)	Water Level Elevation* (ft)	Qualifiers	GRO (ug/L)	DRO (ug/L)	Benzene (ug/L)	Toluene (ug/L)	Ethylbenzene (ug/L)	Xylene (Total) (ug/L)	MTBE (ug/L)	Naphthalene (ug/L)	Ethanol (ug/L)	TBA (ug/L)	DIPE (ug/L)	ETBE (ug/L)	TAME (ug/L)	1,2-DCA (ug/L)	EDB (ug/L)	Stoddard Solvent (ug/L)
MW-2	1/22/2009	99.62	54.50	NP	--	45.12	DNP	< 50	--	< 10	< 10	< 10	< 10	**630**	--	< 6000	< 200	< 10	< 10	< 10	< 10	< 10	< 50
MW-2	4/22/2009	99.62	54.48	NP	--	45.14	DNP	**110**	--	< 10	< 10	< 10	< 10	**450**	--	< 6000	< 200	< 10	< 10	< 10	< 10	< 10	< 50
MW-2	7/27/2009	99.62	54.73	NP	--	44.89	DNP	270 N	--	< 10	< 10	< 10	< 10	**370**	--	< 6000	< 200	< 10	< 10	< 10	< 10	< 10	< 50
MW-2	10/30/2009	99.62	55.90	NP	--	43.72	DNP	73 N	--	< 10	< 10	< 10	< 10	**460**	--	< 6000	< 200	< 10	< 10	< 10	< 10	< 10	< 50
MW-2	4/23/2010	99.62	54.85	NP	--	44.77	--	< 50	--	< 10	< 10	< 10	< 10	**450**	--	< 6000	< 200	< 10	< 10	< 10	< 10	< 10	--
MW-2	10/28/2010	99.62	54.65	NP	--	44.97	Grab sample, DNP	< 50	--	< 10	< 10	< 10	< 10	**340**	--	< 6000	< 200	< 10	< 10	< 10	< 10	< 10	< 50
MW-2	4/11/2011	99.62	54.72	NP	--	44.90	DNP	< 50	--	< 4.0	< 4.0	< 4.0	< 4.0	**190**	--	< 2400	< 80	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 50
MW-2	10/24/2011	99.38	54.44	NP	--	44.94	MD	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-2	10/25/2011	99.38	--	--	--	--	NG, DNP	< 50	--	< 2.0	< 2.0	< 2.0	< 2.0	**100**	--	< 1200	< 40	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 50
MW-2	4/4/2012	99.38	54.39	NP	--	44.99	MD	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-2	4/5/2012	99.38	--	--	--	--	NG, DNP	< 50	--	< 0.50	< 0.50	< 0.50	< 0.50	**45**	--	< 300	< 10	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 50
MW-2	7/25/2012	99.38	54.64	NP	--	44.74	MD	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-2	7/26/2012	99.38	--	--	--	--	SV, DNP, Grab sample	< 50	--	< 0.50	< 0.50	< 0.50	< 1.0	**78**	--	< 150	< 10	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 47
MW-2	10/3/2012	99.38	54.71	NP	--	44.67	SV, DNP	< 50	--	< 0.50	< 0.50	< 0.50	< 1.0	**330**	--	< 150	**58**	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 48
MW-2	1/14/2013	99.38	54.80	NP	--	44.58	SV, DNP	< 50	--	< 0.50	< 0.50	< 0.50	< 1.0	**110**	--	< 150	< 10	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 48
MW-2	4/1/2013	99.38	55.20	NP	--	44.18	SV, DNP	< 50	--	< 0.50	< 0.50	< 0.50	< 1.0	**32**	--	--	< 10	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 47
MW-2	7/25/2013	99.38	55.38	NP	--	44.00	MD	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-2	7/26/2013	99.38	--	--	--	--	SV, DNP, Grab sample	< 50	--	< 0.50	< 0.50	< 0.50	< 1.0	**16**	--	< 150	< 10	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 47
MW-2	10/29/2013	99.38	54.92	NP	--	44.46	SV	< 50	--	< 0.50	< 0.50	< 0.50	< 1.0	**24**	--	< 150	< 10	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 48
MW-2	1/21/2014	99.38	55.13	NP	--	44.25	MD	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-2	1/22/2014	99.38	--	--	--	--	SV	< 50	--	< 0.50	< 0.50	< 0.50	< 1.0	**21**	--	--	< 10	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 47
MW-2	2/12/2015	99.38	55.54	NP	--	43.84	Grab sample, DNP	< 50	--	< 0.50	< 0.50	< 0.50	< 1.0	**3.8**	--	--	< 10	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 52
MW-2	2/8/2016	99.38	55.08	NP	--	44.30	MD	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-2	2/10/2016	--	--	--	--	--	--	< 50	--	< 0.50	< 0.50	< 0.50	< 1.0	< 0.50	--	--	< 10	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 48
MW-2	2/13/2018	99.38	53.91	NP	--	45.47	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-2	2/15/2018	--	--	--	--	--	--	< 50	--	< 0.50	< 0.50	< 0.50	< 1.0	< 0.50	< 1.0	< 150	< 10	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 48
MW-2	4/24/2018	99.38	53.80	NP	--	45.58	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-2	9/28/2018	99.38	54.07	NP	--	45.31	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-2	1/28/2019	99.38	54.25	NP	--	45.13	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-2	1/30/2019	99.38	--	--	--	--	NG	< 50	--	< 0.50	< 0.50	< 0.50	< 1.0	< 0.50	< 1.0	< 150	< 10	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 48
MW-2	5/16/2019	99.38	54.50	NP	--	44.88	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-2	8/26/2019	99.38	55.50	NP	--	43.88	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-2	11/4/2019	99.38	54.49	NP	--	44.89	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-2	1/20/2020	99.38	54.42	NP	--	44.96	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-2	1/23/2020	99.38	--	--	--	--	NG	< 50	--	< 0.50	< 0.50	< 0.50	< 1.0	< 0.50	< 1.0	< 150	< 10	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 48
MW-3D	4/1/1992	101.84	185.60	NP	--	-83.76	--	< 50	--	**0.51**	**0.65**	< 0.5	**0.56**	--	--	--	--	--	--	--	--	--	--
MW-3D	12/1/1992	101.84	182.60	NP	--	-80.76	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-3D	12/9/1992	--	--	--	--	--	--	**190**	--	**11**	**3**	< 0.5	**3.9**	--	--	--	--	--	--	--	--	--	--
MW-3D	1/1/1993	101.84	182.78	NP	--	-80.94	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-3D	1/29/1993	--	--	--	--	--	--	**110**	--	**5.5**	**5.8**	**0.65**	**4**	--	--	--	--	--	--	--	--	--	--
MW-3D	3/1/1993	101.84	182.23	NP	--	-80.39	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-3D	3/12/1993	--	--	--	--	--	--	**52**	--	**2.6**	**2.3**	< 0.5	**4.4**	--	--	--	--	--	--	--	--	--	--
MW-3D	6/1/1993	101.84	183.71	NP	--	-81.87	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-3D	6/6/1993	--	--	--	--	--	--	< 50	--	< 0.5	< 0.5	< 0.5	< 0.5	--	--	--	--	--	--	--	--	--	--
MW-3D	8/1/1993	101.84	184.09	NP	--	-82.25	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

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151 Southgate Avenue
Daly City, CA

Well I.D.	Date	GROUNDWATER ELEVATION DATA						GROUNDWATER ANALYTICAL DATA															
		TOC Elevation (ft)	Water Level Depth (ft)	LNAPL Depth (ft)	LNAPL Thickness (ft)	Water Level Elevation* (ft)	Qualifiers	GRO (ug/L)	DRO (ug/L)	Benzene (ug/L)	Toluene (ug/L)	Ethylbenzene (ug/L)	Xylene (Total) (ug/L)	MTBE (ug/L)	Naphthalene (ug/L)	Ethanol (ug/L)	TBA (ug/L)	DIPE (ug/L)	ETBE (ug/L)	TAME (ug/L)	1,2-DCA (ug/L)	EDB (ug/L)	Stoddard Solvent (ug/L)
MW-3D	8/31/1993	--	--	--	--	--	--	< 50	--	**1.8**	**1.4**	< 0.5	**3.1**	--	--	--	--	--	--	--	--	--	--
MW-3D	11/1/1993	101.84	184.32	NP	--	-82.48	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-3D	11/10/1993	--	--	--	--	--	--	< 50	--	< 0.3	< 0.3	< 0.5	< 0.3	--	--	--	--	--	--	--	--	--	--
MW-3D	3/1/1994	101.84	183.31	NP	--	-81.47	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-3D	3/4/1994	--	--	--	--	--	--	< 50	--	< 0.5	< 0.5	< 0.5	< 0.5	--	--	--	--	--	--	--	--	--	--
MW-3D	4/1/1994	101.84	183.70	NP	--	-81.86	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-3D	4/19/1994	--	--	--	--	--	--	< 50	--	< 0.5	< 0.5	< 0.5	< 0.5	--	--	--	--	--	--	--	--	--	--
MW-3D	8/1/1994	101.84	184.38	NP	--	-82.54	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-3D	8/6/1994	--	--	--	--	--	--	< 50	--	< 0.5	< 0.5	< 0.5	< 0.5	--	--	--	--	--	--	--	--	--	--
MW-3D	12/1/1994	101.84	183.83	NP	--	-81.99	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-3D	12/11/1994	--	--	--	--	--	--	< 50	--	< 0.5	< 0.5	< 0.5	< 0.5	--	--	--	--	--	--	--	--	--	--
MW-3D	3/1/1995	101.84	182.55	NP	--	-80.71	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-3D	3/20/1995	--	--	--	--	--	--	< 50	--	< 0.5	< 0.5	< 0.5	< 0.5	--	--	--	--	--	--	--	--	--	--
MW-3D	5/1/1995	101.84	182.41	NP	--	-80.57	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-3D	5/24/1995	--	--	--	--	--	--	< 50	--	< 0.5	< 0.5	< 0.5	< 0.5	--	--	--	--	--	--	--	--	--	--
MW-3D	8/1/1995	101.84	183.00	NP	--	-81.16	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-3D	8/18/1995	--	--	--	--	--	--	< 50	--	< 0.5	< 0.5	< 0.5	< 0.5	< 2.5	--	--	--	--	--	--	--	--	--
MW-3D	11/1/1995	101.84	182.46	NP	--	-80.62	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-3D	11/14/1995	--	--	--	--	--	--	< 50	--	< 0.5	< 0.5	< 0.5	< 0.5	--	--	--	--	--	--	--	--	--	--
MW-3D	3/30/1996	101.84	180.73	NP	--	-78.89	--	< 50	--	< 0.50	< 0.50	< 0.50	< 0.50	< 2.5	--	--	--	--	--	--	--	--	--
MW-3D	6/25/1996	101.84	180.38	NP	--	-78.54	--	< 50	--	< 0.50	< 0.50	< 0.50	< 0.50	< 2.5	--	--	--	--	--	--	--	--	--
MW-3D	9/27/1996	101.84	181.81	NP	--	-79.97	--	< 50	--	< 0.50	< 0.50	< 0.50	< 0.50	< 2.5	--	--	--	--	--	--	--	--	--
MW-3D	12/14/1996	101.84	181.48	NP	--	-79.64	--	< 50	--	< 0.50	< 0.50	< 0.50	< 0.50	< 2.5	--	--	--	--	--	--	--	--	--
MW-3D	5/5/1997	101.84	181.58	NP	--	-79.74	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-3D	7/11/1997	101.84	182.10	NP	--	-80.26	--	< 50	--	< 0.50	< 0.50	< 0.50	< 0.50	< 3.0	--	--	--	--	--	--	--	--	--
MW-3D	9/18/1997	101.84	182.48	NP	--	-80.64	--	< 50	--	< 0.50	< 0.50	< 0.50	< 0.50	< 3.0	--	--	--	--	--	--	--	--	--
MW-3D	12/4/1997	101.84	181.82	NP	--	-79.98	--	< 50	--	< 0.50	< 0.50	< 0.50	< 0.50	< 3.0	--	--	--	--	--	--	--	--	--
MW-3D	3/11/1998	101.84	181.14	NP	--	-79.30	--	< 50	--	< 0.50	< 0.50	< 0.50	< 0.50	< 3.0	--	--	--	--	--	--	--	--	--
MW-3D	6/29/1998	101.84	181.09	NP	--	-79.25	DNP	< 50	--	< 0.50	< 0.50	< 0.50	< 0.50	< 3.0	--	--	--	--	--	--	--	--	--
MW-3D	9/15/1998	101.84	181.38	NP	--	-79.54	DNP	< 50	--	< 0.50	< 0.50	< 0.50	< 0.50	< 3.0	--	--	--	--	--	--	--	--	--
MW-3D	12/16/1998	101.84	180.72	NP	--	-78.88	DNP	< 50	--	< 0.50	< 0.50	< 0.50	< 0.50	< 3.0	--	--	--	--	--	--	--	--	--
MW-3D	2/15/1999	101.84	--	--	--	--	WI	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-3D	5/17/1999	101.84	180.02	NP	--	-78.18	DNP	< 50	--	< 0.50	< 0.50	< 0.50	< 0.50	**5**	--	--	--	--	--	--	--	--	--
MW-3D	8/9/1999	101.84	180.75	NP	--	-78.91	DNP	< 50	--	< 0.50	< 0.50	< 0.50	< 0.50	< 3.0	--	--	--	--	--	--	--	--	--
MW-3D	12/2/1999	101.84	180.36	NP	--	-78.52	--	< 50	--	< 0.50	< 0.50	< 0.50	< 0.50	< 3.0	--	--	--	--	--	--	--	--	--
MW-3D	3/22/2000	101.84	--	--	--	--	WI	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-3D	4/28/2000	101.84	179.52	NP	--	-77.68	--	< 50	--	< 0.50	**0.70**	< 0.50	< 1.0	< 3.0	--	--	--	--	--	--	--	--	--
MW-3D	9/21/2000	101.84	179.98	NP	--	-78.14	j	< 50 N	--	< 0.50	< 0.50	< 0.50	< 0.50	< 5.0	--	--	--	--	--	--	--	--	--
MW-3D	11/2/2000	101.84	180.10	NP	--	-78.26	j	< 50 N	--	< 0.50	< 0.50	< 0.50	< 0.50	< 5.0	--	--	--	--	--	--	--	--	--
MW-3D	2/13/2001	101.84	178.35	NP	--	-76.51	--	< 50	--	< 0.50	< 0.50	< 0.50	< 0.50	< 1.0	--	--	--	--	--	--	--	--	--
MW-3D	6/21/2001	101.84	179.43	NP	--	-77.59	--	< 50	--	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0	--	--	--	--	--	--	--	--	--
MW-3D	12/31/2001	101.84	179.05	NP	--	-77.21	--	< 50	--	< 0.50	< 0.50	< 0.50	< 0.50	< 1.0	--	--	--	--	--	--	--	--	--
MW-3D	3/18/2002	101.84	--	--	--	--	WI	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-3D	6/27/2002	101.84	--	--	--	--	Dry	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-3D	9/25/2002	101.84	--	--	--	--	Dry	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-3D	12/13/2002	101.84	--	--	--	--	Dry	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-3D	3/28/2003	101.84	--	--	--	--	WI, o	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-3D	3/31/2003	101.84	--	--	--	--	WI, o	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-3D	5/6/2003	101.84	174.96	NP	--	-73.12	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-3D	5/23/2003	101.84	173.93	NP	--	-72.09	g	< 50	--	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	--	< 100	**20**	< 0.50	< 0.50	< 0.50	--	--	< 50
MW-3D	7/22/2003	101.84	174.00	NP	--	-72.16	g	< 50	--	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	--	< 100	< 20	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 52
MW-3D	10/21/2003	101.84	173.27	NP	--	-71.43	--	< 50	**120**	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	--	< 100	< 20	< 0.50	< 0.50	< 0.50	--	--	< 48
MW-3D	2/3/2004	101.84	--	--	--	--	WI	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

TABLE 3
Historical Gauging and Analytical Data
ARCO Service Station No. 465
151 Southgate Avenue
Daly City, CA

Well I.D.	Date	GROUNDWATER ELEVATION DATA						GROUNDWATER ANALYTICAL DATA															
		TOC Elevation (ft)	Water Level Depth (ft)	LNAPL Depth (ft)	LNAPL Thickness (ft)	Water Level Elevation* (ft)	Qualifiers	GRO (ug/L)	DRO (ug/L)	Benzene (ug/L)	Toluene (ug/L)	Ethylbenzene (ug/L)	Xylene (Total) (ug/L)	MTBE (ug/L)	Naphthalene (ug/L)	Ethanol (ug/L)	TBA (ug/L)	DIPE (ug/L)	ETBE (ug/L)	TAME (ug/L)	1,2-DCA (ug/L)	EDB (ug/L)	Stoddard Solvent (ug/L)
MW-3D	4/14/2004	101.84	170.90	NP	--	-69.06	--	< 50	--	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	--	< 100	< 20	< 1.0	< 1.0	< 1.0	< 0.50	< 0.50	< 47
MW-3D	7/20/2004	101.84	170.85	NP	--	-69.01	--	< 50	--	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	--	< 100	< 20	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 48
MW-3D	10/29/2004	101.84	168.51	NP	--	-66.67	--	< 50	< 50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	--	< 100	< 20	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 50
MW-3D	1/11/2005	101.84	166.20	NP	--	-64.36	--	< 50	--	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	--	< 100	< 20	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 48
MW-3D	5/3/2005	101.84	--	--	--	--	WI	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-3D	8/3/2005	101.84	161.90	NP	--	-60.06	WI	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-3D	10/28/2005	101.84	160.15	NP	--	-58.31	--	< 250	--	< 2.5	< 2.5	< 2.5	< 2.5	**220**	--	< 500	< 100	< 2.5	< 2.5	**4.6**	< 2.5	< 2.5	< 48
MW-3D	12/20/2005	101.84	159.28	NP	--	-57.44	--	< 50	--	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	--	< 100	< 20	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	--
MW-3D	1/11/2006	101.84	158.74	NP	--	-56.90	NSP	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-3D	4/17/2006	101.84	157.12	NP	--	-55.28	NSP	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-3D	7/18/2006	101.84	155.57	NP	--	-53.73	--	< 50	--	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	--	< 300	< 20	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 47
MW-3D	11/13/2006	101.84	154.44	NP	--	-52.60	NSP	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-3D	1/12/2007	101.84	153.06	NP	--	-51.22	NSP	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-3D	4/16/2007	101.84	151.73	NP	--	-49.89	NSP	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-3D	7/6/2007	101.84	154.08	NP	--	-52.24	--	< 50	--	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	--	< 300	< 20	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 47
MW-3D	10/4/2007	101.84	154.91	NP	--	-53.07	NSP	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-3D	1/21/2008	101.84	--	--	--	--	VO, Vehicle parked over, NSP	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-3D	4/17/2008	101.84	--	--	--	--	VO, Vehicle parked over, NSP	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-3D	7/10/2008	101.84	--	--	--	--	NG, Gauging overlooked, NSP	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-3D	10/16/2008	101.78	159.40	NP	--	-57.62	Anomalous data	< 50	--	< 0.50	**1.1**	< 0.50	< 0.50	< 0.50	--	< 300	< 10	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	60 N
MW-3D	11/3/2008	101.78	157.93	NP	--	-56.15	Resample	< 50	--	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	--	< 300	< 10	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 50
MW-3D	1/22/2009	101.78	159.43	NP	--	-57.65	NSP	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-3D	4/22/2009	101.78	--	--	--	--	NG, Well not gauged, NSP	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-3D	7/27/2009	101.78	155.97	NP	--	-54.19	NSP	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-3D	10/30/2009	101.78	154.15	NP	--	-52.37	--	< 50	--	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	--	< 300	< 10	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 50
MW-3D	4/23/2010	101.78	155.30	NP	--	-53.52	NSP	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-3D	10/28/2010	101.78	151.40	NP	--	-49.62	--	< 50	--	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	--	< 300	< 10	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 50
MW-3D	4/11/2011	101.78	149.67	NP	--	-47.89	NSP	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-3D	10/24/2011	102.49	153.46	NP	--	-50.97	MD	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-3D	10/25/2011	--	--	--	--	--	--	< 50	--	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	--	< 300	< 10	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 50
MW-3D	4/4/2012	102.49	154.17	NP	--	-51.68	NSP	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-3D	7/25/2012	102.49	155.48	NP	--	-52.99	NSP	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-3D	10/3/2012	102.49	155.80	NP	--	-53.31	MD	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-3D	10/4/2012	102.49	--	--	--	--	SV	< 50	--	< 0.50	< 0.50	< 0.50	< 1.0	< 0.50	--	< 150	< 10	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 48
MW-3D	1/14/2013	102.49	155.93	NP	--	-53.44	MD	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-3D	1/15/2013	102.49	--	--	--	--	SV	< 50	--	< 0.50	< 0.50	< 0.50	< 1.0	< 0.50	--	< 150	< 10	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 48
MW-3D	4/1/2013	102.49	155.10	NP	--	-52.61	SV	< 50	--	< 0.50	< 0.50	< 0.50	< 1.0	**3.7**	--	--	< 10	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	**76**
MW-3D	4/24/2013	102.49	157.86	NP	--	-55.37	SV	< 50	--	< 0.50	< 0.50	< 0.50	< 1.0	< 0.50	--	< 150	< 10	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 51
MW-3D	7/25/2013	102.49	156.67	NP	--	-54.18	MD	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

TABLE 3
Historical Gauging and Analytical Data
ARCO Service Station No. 465
151 Southgate Avenue
Daly City, CA

Well I.D.	Date	GROUNDWATER ELEVATION DATA						GROUNDWATER ANALYTICAL DATA														
		TOC Elevation (ft)	Water Level Depth (ft)	LNAPL Depth (ft)	LNAPL Thickness (ft)	Water Level Elevation* (ft)	Qualifiers	GRO (ug/L)	DRO (ug/L)	Benzene (ug/L)	Toluene (ug/L)	Ethylbenzene (ug/L)	Xylene (Total) (ug/L)	MTBE (ug/L)	Naphthalene (ug/L)	Ethanol (ug/L)	TBA (ug/L)	DIPE (ug/L)	ETBE (ug/L)	TAME (ug/L)	1,2-DCA (ug/L)	EDB (ug/L)	Stoddard Solvent (ug/L)
MW-3D	7/26/2013	102.49	--	--	--	--	SV	< 50	--	< 0.50	< 0.50	< 0.50	< 1.0	< 0.50	--	< 150	< 10	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 47
MW-3D	10/29/2013	102.49	157.38	NP	--	-54.89	MD	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-3D	10/30/2013	102.49	--	--	--	--	SV	< 50	--	< 0.50	< 0.50	**1.6**	< 1.0	< 0.50	--	< 150	< 10	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	**74**
MW-3D	12/4/2013	102.49	157.63	NP	--	-55.14	SV	< 50	--	< 0.50	< 0.50	< 0.50	< 1.0	< 0.50	--	--	< 10	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 51
MW-3D	1/21/2014	102.49	156.76	NP	--	-54.27	SV	< 50	--	< 0.50	< 0.50	< 0.50	< 1.0	**0.54**	--	--	**640**	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	**120**
MW-3D	2/4/2014	102.49	157.12	NP	--	-54.63	SV	< 50	--	< 0.50	< 0.50	< 0.50	< 1.0	< 0.50	--	--	**37**	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 47
MW-3D	2/9/2015	102.49	158.20	NP	--	-55.71	MD	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-3D	2/10/2015	--	--	--	--	--	--	< 50	--	< 0.50	< 0.50	< 0.50	< 1.0	< 0.50	--	--	**36**	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	**160**
MW-3D	6/16/2015	102.49	156.90	NP	--	-54.41	MD	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-3D	6/17/2015	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	< 51
MW-3D	6/18/2015	102.49	--	--	--	--	NG, DNP	< 50	--	< 0.50	< 0.50	< 0.50	< 1.0	< 0.50	--	< 150	< 10	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	--
MW-3D	9/14/2015	102.49	156.98	NP	--	-54.49	MD	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-3D	9/16/2015	--	--	--	--	--	--	< 50	--	< 0.50	< 0.50	< 0.50	< 1.0	< 0.50	--	< 150	< 10	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 48
MW-3D	12/2/2015	102.49	156.98	NP	--	-54.49	MD	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-3D	12/4/2015	--	--	--	--	--	--	< 50	--	< 0.50	< 0.50	< 0.50	< 1.0	< 0.50	--	< 150	< 10	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 47
MW-3D	2/8/2016	102.49	155.98	NP	--	-53.49	MD	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-3D	2/10/2016	--	--	--	--	--	--	< 50	--	< 0.50	< 0.50	< 0.50	< 1.0	< 0.50	--	--	**11**	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 47
MW-3D	2/13/2018	102.49	141.32	NP	--	-38.83	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-3D	2/14/2018	--	--	--	--	--	--	< 50	--	< 0.50	< 0.50	< 0.50	< 1.0	< 0.50	< 1.0	< 150	< 10	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 48
MW-3D	4/24/2018	102.49	140.60	NP	--	-38.11	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-3D	9/28/2018	102.49	138.79	NP	--	-36.30	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-3D	1/28/2019	102.49	136.17	NP	--	-33.68	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-3D	3/25/2019	102.49	135.30	NP	--	-32.81	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-3D	4/4/2019	102.49	134.94	NP	--	-32.45	--	< 50	--	< 0.50	< 0.50	< 0.50	< 1.0	**1.6**	< 1.0	< 150	< 10	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 48
MW-3D	5/16/2019	102.49	136.65	NP	--	-34.16	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-3D	6/3/2019	102.49	135.57	NP	--	-33.08	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-3D	6/4/2019	--	--	--	--	--	--	< 50	--	< 0.50	< 0.50	< 0.50	< 1.0	**1.1**	< 1.0	< 150LQ	< 10LQ	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 47
MW-3D	8/28/2019	102.49	136.09	NP	--	-33.60	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-3D	11/4/2019	102.49	136.61	NP	--	-34.12	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-3D	1/20/2020	102.49	132.93	NP	--	-30.44	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-3D	1/24/2020	102.49	--	--	--	--	NG	< 50	--	< 0.50	< 0.50	< 0.50	< 1.0	**2.6**	< 1.0	< 150	< 10	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 48
MW-4	6/1/1993	101.03	57.04	NP	--	43.99	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-4	6/6/1993	--	--	--	--	--	--	**1900**	--	**180**	**30**	< 0.5	**230**	--	--	--	--	--	--	--	--	--	--
MW-4	8/1/1993	101.03	57.01	NP	--	44.02	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-4	8/31/1993	--	--	--	--	--	--	**690**	--	**260**	< 0.5	< 0.5	**13**	--	--	--	--	--	--	--	--	--	--
MW-4	11/1/1993	101.03	56.91	NP	--	44.12	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-4	11/10/1993	--	--	--	--	--	--	< 50	--	< 0.5	< 0.5	< 0.5	< 0.5	--	--	--	--	--	--	--	--	--	--
MW-4	3/1/1994	101.03	56.80	NP	--	44.23	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-4	3/4/1994	--	--	--	--	--	--	< 50	--	**4.2**	< 0.5	< 0.5	< 0.5	--	--	--	--	--	--	--	--	--	--
MW-4	4/1/1994	101.03	56.73	NP	--	44.30	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-4	4/19/1994	--	--	--	--	--	--	< 50	--	< 0.5	< 0.5	< 0.5	< 0.5	--	--	--	--	--	--	--	--	--	--
MW-4	8/1/1994	101.03	56.67	NP	--	44.36	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-4	8/6/1994	--	--	--	--	--	--	< 50	--	< 0.5	< 0.5	< 0.5	< 0.5	--	--	--	--	--	--	--	--	--	--
MW-4	12/1/1994	101.03	57.95	NP	--	43.08	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-4	12/11/1994	--	--	--	--	--	--	< 50	--	< 0.5	< 0.5	< 0.5	< 0.5	--	--	--	--	--	--	--	--	--	--
MW-4	3/1/1995	101.03	56.59	NP	--	44.44	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-4	3/20/1995	--	--	--	--	--	--	< 50	--	< 0.5	< 0.5	< 0.5	< 0.5	--	--	--	--	--	--	--	--	--	--
MW-4	5/1/1995	101.03	56.58	NP	--	44.45	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-4	5/24/1995	--	--	--	--	--	--	< 50	--	< 0.5	< 0.5	< 0.5	< 0.5	--	--	--	--	--	--	--	--	--	--
MW-4	8/1/1995	101.03	56.79	NP	--	44.24	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-4	8/18/1995	--	--	--	--	--	--	< 50	--	< 0.5	< 0.5	< 0.5	< 0.5	< 2.5	--	--	--	--	--	--	--	--	--
MW-4	11/1/1995	101.03	56.36	NP	--	44.67	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

TABLE 3
Historical Gauging and Analytical Data
ARCO Service Station No. 465
151 Southgate Avenue
Daly City, CA

Well I.D.	Date	GROUNDWATER ELEVATION DATA						GROUNDWATER ANALYTICAL DATA															
		TOC Elevation (ft)	Water Level Depth (ft)	LNAPL Depth (ft)	LNAPL Thickness (ft)	Water Level Elevation* (ft)	Qualifiers	GRO (ug/L)	DRO (ug/L)	Benzene (ug/L)	Toluene (ug/L)	Ethylbenzene (ug/L)	Xylene (Total) (ug/L)	MTBE (ug/L)	Naphthalene (ug/L)	Ethanol (ug/L)	TBA (ug/L)	DIPE (ug/L)	ETBE (ug/L)	TAME (ug/L)	1,2-DCA (ug/L)	EDB (ug/L)	Stoddard Solvent (ug/L)
MW-4	11/14/1995	--	--	--	--	--	--	< 50	--	< 0.5	< 0.5	< 0.5	< 0.5	--	--	--	--	--	--	--	--	--	--
MW-4	3/30/1996	101.03	56.14	NP	--	44.89	--	< 50	--	< 0.50	< 0.50	< 0.50	< 0.50	< 2.5	--	--	--	--	--	--	--	--	--
MW-4	6/25/1996	101.03	56.09	NP	--	44.94	--	< 50	--	< 0.50	< 0.50	< 0.50	< 0.50	< 2.5	--	--	--	--	--	--	--	--	--
MW-4	9/27/1996	101.03	56.04	NP	--	44.99	--	< 50	--	< 0.50	< 0.50	< 0.50	< 0.50	< 2.5	--	--	--	--	--	--	--	--	--
MW-4	12/14/1996	101.03	56.01	NP	--	45.02	--	< 50	--	< 0.50	< 0.50	< 0.50	< 0.50	< 2.5	--	--	--	--	--	--	--	--	--
MW-4	5/5/1997	101.03	55.85	NP	--	45.18	DNP	< 50	--	< 0.50	< 0.50	< 0.50	< 0.50	< 2.5	--	--	--	--	--	--	--	--	--
MW-4	7/11/1997	101.03	55.86	NP	--	45.17	DNP	< 50	--	< 0.50	< 0.50	< 0.50	< 0.50	< 3.0	--	--	--	--	--	--	--	--	--
MW-4	9/18/1997	101.03	55.84	NP	--	45.19	DNP	< 50	--	< 0.50	< 0.50	< 0.50	< 0.50	< 3.0	--	--	--	--	--	--	--	--	--
MW-4	12/4/1997	101.03	55.86	NP	--	45.17	DNP	< 50	--	< 0.50	< 0.50	< 0.50	< 0.50	< 3.0	--	--	--	--	--	--	--	--	--
MW-4	3/11/1998	101.03	55.82	NP	--	45.21	DNP	< 50	--	< 0.50	< 0.50	< 0.50	< 0.50	< 3.0	--	--	--	--	--	--	--	--	--
MW-4	6/29/1998	101.03	55.78	NP	--	45.25	DNP	< 50	--	< 0.50	< 0.50	< 0.50	< 0.50	< 3.0	--	--	--	--	--	--	--	--	--
MW-4	9/15/1998	101.03	55.64	NP	--	45.39	DNP	< 50	--	< 0.50	< 0.50	< 0.50	< 0.50	< 3.0	--	--	--	--	--	--	--	--	--
MW-4	12/16/1998	101.03	55.64	NP	--	45.39	DNP	< 50	--	< 0.50	< 0.50	< 0.50	< 0.50	< 3.0	--	--	--	--	--	--	--	--	--
MW-4	2/15/1999	101.03	55.62	NP	--	45.41	DNP	< 50	--	< 0.50	< 0.50	< 0.50	< 0.50	< 3.0	--	--	--	--	--	--	--	--	--
MW-4	5/17/1999	101.03	55.69	NP	--	45.34	DNP	< 50	--	< 0.50	**0.8**	**0.60**	**4**	< 3.0	--	--	--	--	--	--	--	--	--
MW-4	8/9/1999	101.03	55.68	NP	--	45.35	DNP	< 50	--	**0.60**	< 0.50	< 0.50	< 0.50	< 3.0	--	--	--	--	--	--	--	--	--
MW-4	12/2/1999	101.03	55.79	NP	--	45.24	DNP	< 50	--	**5.7**	< 0.50	< 0.50	< 0.50	**3**	--	--	--	--	--	--	--	--	--
MW-4	3/22/2000	101.03	55.88	NP	--	45.15	DNP	**95**	--	**15**	**2.7**	**0.8**	**2.6**	**18**	--	--	--	--	--	--	--	--	--
MW-4	4/28/2000	101.03	55.91	NP	--	45.12	DNP	**110**	--	**32**	**0.8**	< 0.50	< 1.0	**30**	--	--	--	--	--	--	--	--	--
MW-4	9/21/2000	101.03	56.03	NP	--	45.00	DNP, j	195 N	--	**79.9**	**1.34**	< 1.00	**1.82**	**127**	--	--	--	--	--	--	--	--	--
MW-4	11/2/2000	101.03	56.07	NP	--	44.96	DNP, j	184 N	--	**83.2**	**1.31**	< 1.00	**1.6**	**115**	--	--	--	--	--	--	--	--	--
MW-4	2/13/2001	101.03	56.00	NP	--	45.03	DNP	**152**	--	**47.3**	< 0.50	< 0.50	**1.6**	**267**	--	--	--	--	--	--	--	--	--
MW-4	6/21/2001	101.03	55.95	NP	--	45.08	DNP	**130**	--	**33**	< 0.50	< 0.50	**0.66**	**540**	--	--	--	--	--	--	--	--	--
MW-4	12/31/2001	101.03	56.13	NP	--	44.90	DNP, a	**150**	--	**13**	< 0.50	< 0.50	**0.81**	**1600**	--	--	--	--	--	--	--	--	--
MW-4	3/18/2002	101.03	56.17	NP	--	44.86	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-4	6/27/2002	101.03	56.00	NP	--	45.03	DNP	**140**	--	**0.82**	**0.58**	< 0.50	< 0.50	**2200**	--	--	--	--	--	--	--	--	--
MW-4	9/25/2002	101.03	56.05	NP	--	44.98	DNP, e, g	2600 N	--	**20**	< 10	< 10	**19**	**4400**	--	--	--	--	--	--	--	--	< 48
MW-4	12/13/2002	101.03	56.05	NP	--	44.98	f, g, j	**670**	--	< 2.5	< 2.5	< 2.5	< 2.5	**7300**	--	--	--	--	--	--	--	--	< 50
MW-4	3/28/2003	101.03	55.95	NP	--	45.08	DNP	< 50000	--	< 500	< 500	< 500	< 500	**13000**	--	< 100000	< 20000	< 500	< 500	< 500	< 500	< 500	--
MW-4	3/31/2003	101.03	56.03	NP	--	45.00	g	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	< 50
MW-4	5/6/2003	101.03	56.10	NP	--	44.93	e, g	< 50000 N	--	< 500	< 500	< 500	< 500	**12000**	--	< 100000	< 20000	< 500	< 500	< 500	--	--	**49**
MW-4	7/22/2003	101.03	55.99	NP	--	45.04	g	**35000**	--	< 250	< 250	< 250	< 250	**20000**	--	< 50000	< 10000	< 250	< 250	< 250	< 250	< 250	**58**
MW-4	10/21/2003	101.03	56.12	NP	--	44.91	DNP	**32000**	**84**	< 250	< 250	< 250	**300**	**30000**	--	< 50000	< 10000	< 250	< 250	< 250	--	--	< 50
MW-4	2/3/2004	101.03	56.08	NP	--	44.95	DNP	**41000**	--	< 250	< 250	< 250	< 250	**23000**	--	< 50000	< 10000	< 250	< 250	< 250	< 250	< 250	< 49
MW-4	4/14/2004	101.03	56.04	NP	--	44.99	m	5800 N	--	< 1000	< 1000	< 1000	< 1000	**23000**	--	< 200000	< 40000	< 2000	< 2000	< 2000	< 1000	< 1000	< 47
MW-4	7/20/2004	101.03	56.00	NP	--	45.03	DNP	< 50000	--	< 500	< 500	< 500	< 500	**12000**	--	< 100000	**21000**	< 500	< 500	< 500	< 500	< 500	< 50
MW-4	10/29/2004	101.03	55.80	NP	--	45.23	DNP	< 10000	**330**	< 100	< 100	< 100	< 100	**11000**	--	< 20000	**19000**	< 100	< 100	< 100	< 100	< 100	< 50
MW-4	1/11/2005	101.03	55.85	NP	--	45.18	DNP	< 25000	--	< 250	< 250	< 250	< 250	**8100**	--	< 50000	**21000**	< 250	< 250	< 250	< 250	< 250	< 50
MW-4	5/3/2005	101.03	55.84	NP	--	45.19	DNP	11000 N	--	< 100	< 100	< 100	< 100	**11000**	--	< 20000	**28000**	< 100	< 100	< 100	< 100	< 100	**64**
MW-4	8/3/2005	101.03	55.58	NP	--	45.45	DNP	< 10000	--	< 100	< 100	< 100	**400**	**4900**	--	< 20000	**21000**	< 100	< 100	< 100	< 100	< 100	< 50
MW-4	10/28/2005	101.03	55.50	NP	--	45.53	DNP	< 5000	--	< 50	< 50	< 50	< 50	**950**	--	< 10000	**11000**	< 50	< 50	< 50	< 50	< 50	< 47
MW-4	1/11/2006	101.03	55.43	NP	--	45.60	DNP	< 1000	--	< 10	< 10	< 10	< 10	**740**	--	< 6000	**2700**	< 10	< 10	< 10	< 10	< 10	< 48
MW-4	4/17/2006	101.03	55.47	NP	--	45.56	DNP	**3900**	--	< 25	< 25	< 25	< 25	**4600**	--	< 15000	**5200**	< 25	< 25	< 25	< 25	< 25	< 49
MW-4	7/18/2006	101.03	55.38	NP	--	45.65	DNP	**9300**	--	< 100	< 100	< 100	< 100	**9300**	--	< 60000	**18000**	< 100	< 100	< 100	< 100	< 100	< 47
MW-4	11/13/2006	101.03	55.32	NP	--	45.71	--	**450**	--	< 10	< 10	< 10	< 10	**620**	--	< 6000	**2300**	< 10	< 10	< 10	< 10	< 10	< 49
MW-4	1/12/2007	101.03	55.23	NP	--	45.80	--	**1400**	--	< 10	< 10	< 10	< 10	**2500**	--	< 6000	**2900**	< 10	< 10	< 10	< 10	< 10	< 49
MW-4	4/16/2007	101.03	55.28	NP	--	45.75	Past hold time (SS), DNP	1900 N	--	< 10	< 10	< 10	< 10	**2600**	--	< 6000	**2700**	< 10	< 10	< 10	< 10	< 10	< 51
MW-4	7/6/2007	101.03	55.44	NP	--	45.59	DNP	6600 N	--	< 50	< 50	< 50	< 50	**9800**	--	< 30000	**8900**	< 50	< 50	< 50	< 50	< 50	< 47
MW-4	10/4/2007	101.03	55.66	NP	--	45.37	DNP	9800 N	--	< 50	< 50	< 50	< 50	**16000**	--	< 30000	**22000**	< 50	< 50	< 50	< 50	< 50	< 47
MW-4	1/21/2008	101.03	55.81	NP	--	45.22	DNP	< 2500	--	< 25	< 25	< 25	< 25	**1900**	--	< 15000	**14000**	< 25	< 25	< 25	< 25	< 25	< 48
MW-4	4/17/2008	101.03	55.89	NP	--	45.14	DNP	**66**	--	**3.7**	< 0.50	< 0.50	**0.63**	**3200**	--	< 300	**6300**	< 0.50	< 0.50	**1.8**	< 0.50	< 0.50	54 N

TABLE 3
Historical Gauging and Analytical Data
ARCO Service Station No. 465
151 Southgate Avenue
Daly City, CA

Well I.D.	Date	GROUNDWATER ELEVATION DATA						GROUNDWATER ANALYTICAL DATA														
		TOC Elevation (ft)	Water Level Depth (ft)	LNAPL Depth (ft)	LNAPL Thickness (ft)	Water Level Elevation* (ft)	Qualifiers	GRO (ug/L)	DRO (ug/L)	Benzene (ug/L)	Toluene (ug/L)	Ethylbenzene (ug/L)	Xylene (Total) (ug/L)	MTBE (ug/L)	Naphthalene (ug/L)	Ethanol (ug/L)	TBA (ug/L)	DIPE (ug/L)	ETBE (ug/L)	TAME (ug/L)	1,2-DCA (ug/L)	EDB (ug/L)	Stoddard Solvent (ug/L)
MW-4	7/10/2008	101.03	55.81	NP	--	45.22	DNP	< 50	--	< 10	< 10	< 10	< 10	**510**	--	< 6000	**1900**	< 10	< 10	< 10	< 10	< 10	**100**
MW-4	10/16/2008	101.09	55.96	NP	--	45.13	DNP	< 50	--	< 10	< 10	< 10	< 10	**390**	--	< 6000	< 200	< 10	< 10	< 10	< 10	< 10	< 50
MW-4	1/22/2009	101.09	55.98	NP	--	45.11	DNP	< 50	--	< 10	< 10	< 10	< 10	**470**	--	< 6000	< 200	< 10	< 10	< 10	< 10	< 10	< 50
MW-4	4/22/2009	101.09	56.10	NP	--	44.99	DNP	**220**	--	< 10	< 10	< 10	< 10	**1400**	--	< 6000	**600**	< 10	< 10	< 10	< 10	< 10	< 50
MW-4	7/27/2009	101.09	56.22	NP	--	44.87	DNP	630 N	--	< 25	< 25	< 25	< 25	**1000**	--	< 15000	< 500	< 25	< 25	< 25	< 25	< 25	< 50
MW-4	10/30/2009	101.09	56.30	NP	--	44.79	DNP	140 N	--	< 20	< 20	< 20	< 20	**1200**	--	< 12000	< 400	< 20	< 20	< 20	< 20	< 20	< 50
MW-4	4/23/2010	101.09	56.32	NP	--	44.77	--	< 50	--	< 20	< 20	< 20	< 20	**6700**	--	< 12000	**2900**	< 20	< 20	< 20	< 20	< 20	--
MW-4	10/28/2010	101.09	56.17	NP	--	44.92	Grab sample, DNP	**85**	--	< 100	< 100	< 100	< 100	**13000**	--	< 60000	**19000**	< 100	< 100	< 100	< 100	< 100	< 50
MW-4	4/11/2011	101.09	56.22	NP	--	44.87	DNP	140 N	--	< 200	< 200	< 200	< 200	**15000**	--	< 120000	**26000**	< 200	< 200	< 200	< 200	< 200	< 50
MW-4	10/24/2011	100.87	55.91	NP	--	44.96	MD	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-4	10/25/2011	100.87	--	--	--	--	NG, DNP	< 50	--	< 5.0	< 5.0	< 5.0	< 5.0	**430**	--	< 3000	< 100	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 50
MW-4	4/4/2012	100.87	55.89	NP	--	44.98	MD	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-4	4/5/2012	100.87	--	--	--	--	NG, DNP	< 50	--	< 5.0	< 5.0	< 5.0	< 5.0	**270**	--	< 3000	< 100	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 50
MW-4	7/25/2012	100.87	56.11	NP	--	44.76	SV, DNP, Grab sample	< 50	--	< 0.50	< 0.50	< 0.50	< 1.0	**200**	--	< 150	< 10	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 47
MW-4	10/3/2012	100.87	56.17	NP	--	44.70	SV, DNP	< 50	--	< 0.50	< 0.50	< 0.50	< 1.0	**170**	--	< 150	< 10	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 48
MW-4	1/14/2013	100.87	56.30	NP	--	44.57	MD	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-4	1/15/2013	100.87	--	--	--	--	SV, DNP	< 50	--	< 0.50	< 0.50	< 0.50	< 1.0	**67**	--	< 150	< 10	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 48
MW-4	4/1/2013	100.87	56.10	NP	--	44.77	SV, DNP	< 50	--	< 0.50	< 0.50	< 0.50	< 1.0	**28**	--	--	< 10	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 48
MW-4	7/25/2013	100.87	56.01	NP	--	44.86	MD	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-4	7/26/2013	100.87	--	--	--	--	SV	< 50	--	< 0.50	< 0.50	< 0.50	< 1.0	**40**	--	< 150	< 10	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 47
MW-4	10/29/2013	100.87	56.40	NP	--	44.47	MD	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-4	10/30/2013	100.87	--	--	--	--	SV	< 50	--	< 0.50	< 0.50	< 0.50	< 1.0	**81**	--	< 150	< 10	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 47
MW-4	1/21/2014	100.87	56.51	NP	--	44.36	MD	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-4	1/22/2014	100.87	--	--	--	--	SV	< 50	--	< 0.50	< 0.50	< 0.50	< 1.0	**45**	--	--	< 10	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 48
MW-4	2/12/2015	100.87	57.01	NP	--	43.86	Grab sample, DNP	< 50	--	< 0.50	< 0.50	< 0.50	< 1.0	**12**	--	--	**19**	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 52
MW-4	9/14/2015	100.87	57.15	NP	--	43.72	MD	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-4	9/17/2015	--	--	--	--	--	--	< 50	--	< 0.50	< 0.50	< 0.50	< 1.0	**230**	--	< 150	**11**	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 47
MW-4	2/8/2016	100.87	56.63	NP	--	44.24	MD	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-4	2/10/2016	--	--	--	--	--	--	< 50	--	< 0.50	< 0.50	< 0.50	< 1.0	**190**	--	--	< 10	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 49
MW-4	7/25/2016	100.87	56.22	NP	--	44.65	MD	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-4	7/26/2016	--	--	--	--	--	--	< 50	--	< 0.50	< 0.50	< 0.50	< 1.0	**230**	< 1.0	< 150	< 10	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 48
MW-4	9/6/2017	100.87	55.72	NP	--	45.15	--	< 50	--	< 0.50	< 0.50	< 0.50	< 1.0	**21**	< 1.0	< 150	< 10	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 48
MW-4	2/13/2018	100.87	55.42	NP	--	45.45	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-4	2/15/2018	--	--	--	--	--	--	< 50	--	< 0.50	< 0.50	< 0.50	< 1.0	**11**	< 1.0	< 150	< 10	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 48
MW-4	4/24/2018	100.87	55.39	NP	--	45.48	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-4	9/28/2018	100.87	55.57	NP	--	45.30	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-4	1/29/2019	100.87	55.71	NP	--	45.16	--	< 50	--	< 0.50	< 0.50	< 0.50	< 1.0	**1.0**	< 1.0	< 150	< 10	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 48
MW-4	5/16/2019	100.87	55.99	NP	--	44.88	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-4	8/26/2019	100.87	55.92	NP	--	44.95	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-4	11/4/2019	100.87	55.99	NP	--	44.88	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-4	1/20/2020	100.87	55.90	NP	--	44.97	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-4	1/23/2020	100.87	--	--	--	--	NG	< 50	--	< 0.50	< 0.50	< 0.50	< 1.0	< 0.50	< 1.0	< 150	< 10	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 47
MW-4D	2/12/2015	100.61	145.82	NP	--	-45.21	MD, SU	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-4D	2/13/2015	100.61	--	--	--	--	MD, SU	< 50	--	< 0.50	< 0.50	< 0.50	< 1.0	**1.9**	--	--	< 10	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 51
MW-4D	6/16/2015	100.61	145.79	NP	--	-45.18	MD	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-4D	6/18/2015	--	--	--	--	--	--	< 50	--	< 0.50	< 0.50	< 0.50	< 1.0	**1.2**	--	< 150	< 10	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 51
MW-4D	9/14/2015	100.61	145.57	NP	--	-44.96	MD	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

TABLE 3
Historical Gauging and Analytical Data
ARCO Service Station No. 465
151 Southgate Avenue
Daly City, CA

Well I.D.	Date	GROUNDWATER ELEVATION DATA						GROUNDWATER ANALYTICAL DATA														
		TOC Elevation (ft)	Water Level Depth (ft)	LNAPL Depth (ft)	LNAPL Thickness (ft)	Water Level Elevation* (ft)	Qualifiers	GRO (ug/L)	DRO (ug/L)	Benzene (ug/L)	Toluene (ug/L)	Ethylbenzene (ug/L)	Xylene (Total) (ug/L)	MTBE (ug/L)	Naphthalene (ug/L)	Ethanol (ug/L)	TBA (ug/L)	DIPE (ug/L)	ETBE (ug/L)	TAME (ug/L)	1,2-DCA (ug/L)	EDB (ug/L)	Stoddard Solvent (ug/L)
MW-4D	9/17/2015	--	--	--	--	--	--	< 50	--	< 0.50	< 0.50	< 0.50	< 1.0	< 0.50	--	< 150	< 10	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 47
MW-4D	12/2/2015	100.61	145.57	NP	--	-44.96	--	< 50	--	< 0.50	< 0.50	< 0.50	< 1.0	< 0.50	--	< 150	< 10	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 51
MW-4D	2/8/2016	100.61	145.38	NP	--	-44.77	MD	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-4D	2/10/2016	--	--	--	--	--	--	< 50	--	< 0.50	< 0.50	< 0.50	< 1.0	< 0.50	--	--	< 10	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 47
MW-4D	7/25/2016	100.61	144.81	NP	--	-44.20	MD	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-4D	7/26/2016	--	--	--	--	--	--	< 50	--	< 0.50	< 0.50	< 0.50	< 1.0	< 0.50	< 1.0	< 150	< 10	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 50
MW-4D	9/6/2017	100.61	139.58	NP	--	-38.97	--	< 50	--	< 0.50	< 0.50	< 0.50	< 1.0	< 0.50	< 1.0	< 150	< 10	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 47
MW-4D	2/13/2018	100.61	136.36	NP	--	-35.75	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-4D	2/15/2018	--	--	--	--	--	--	< 50	--	< 0.50	< 0.50	< 0.50	< 1.0	< 0.50	< 1.0	< 150	< 10	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 49
MW-4D	4/24/2018	100.61	135.22	NP	--	-34.61	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-4D	9/28/2018	100.61	132.84	NP	--	-32.23	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-4D	1/28/2019	100.61	130.93	NP	--	-30.32	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-4D	1/31/2019	100.61	--	--	--	--	NG	< 50	--	< 0.50	< 0.50	< 0.50	< 1.0	< 0.50	< 1.0	< 150	< 10	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 48
MW-4D	3/25/2019	100.61	130.76	NP	--	-30.15	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-4D	5/16/2019	100.61	130.35	NP	--	-29.74	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-4D	6/3/2019	100.61	129.61	NP	--	-28.99	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-4D	6/6/2019	--	--	--	--	--	--	< 50	--	< 0.50	< 0.50	< 0.50	< 1.0	< 0.50	< 1.0	< 150LQ	< 10LQ	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 48
MW-4D	8/26/2019	100.61	129.19	NP	--	-28.58	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-4D	11/4/2019	100.61	129.19	NP	--	-28.58	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-4D	1/20/2020	100.61	127.80	NP	--	-27.19	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-4D	1/23/2020	100.61	--	--	--	--	NG	< 50	--	< 0.50	< 0.50	< 0.50	< 1.0	< 0.50	< 1.0	< 150	< 10	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 48
MW-5	12/31/2001	104.37	--	--	--	--	Dry	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-5	3/18/2002	104.37	--	--	--	--	Dry	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-5	6/27/2002	104.37	59.62	NP	--	44.75	d	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-5	9/25/2002	104.37	--	--	--	--	Dry	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-5	12/13/2002	104.37	--	--	--	--	Dry	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-5	3/28/2003	104.37	59.63	NP	--	44.74	d	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-5	3/31/2003	104.37	--	--	--	--	Dry	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-5	5/6/2003	104.37	59.60	NP	--	44.77	d	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-5	7/22/2003	104.37	59.56	NP	--	44.81	d	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-5	10/21/2003	104.37	59.66	NP	--	44.71	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-5	2/3/2004	104.37	59.62	NP	--	44.75	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-5	4/14/2004	104.37	59.64	NP	--	44.73	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-5	7/20/2004	104.37	59.68	NP	--	44.69	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-5	10/29/2004	104.37	59.50	NP	--	44.87	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-5	1/11/2005	104.37	59.67	NP	--	44.70	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-5	5/3/2005	104.37	59.58	NP	--	44.79	Dry	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-5	8/3/2005	104.37	59.60	NP	--	44.77	Dry	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-5	10/28/2005	104.37	59.57	NP	--	44.80	Dry	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-5	1/11/2006	104.37	59.62	NP	--	44.75	Dry	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-5	4/17/2006	104.37	59.19	NP	--	45.18	Dry	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-5	7/18/2006	104.37	58.77	NP	--	45.60	Dry	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-5	11/13/2006	104.37	58.75	NP	--	45.62	Dry	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-5	1/12/2007	104.37	58.71	NP	--	45.66	Dry	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-5	4/16/2007	104.37	58.71	NP	--	45.66	--	370000 N	--	< 1000	**4600**	< 1000	**10000**	**510000**	--	< 600000	**45000**	< 1000	< 1000	< 1000	< 1000	< 1000	--
MW-5	7/6/2007	104.37	58.76	NP	--	45.61	--	**200000**	--	< 2500	< 2500	< 2500	**3200**	**270000**	--	< 1500000	< 100000	< 2500	< 2500	< 2500	< 2500	< 2500	3700 N
MW-5	10/4/2007	104.37	58.90	NP	--	45.47	IW, VOL	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-5	1/21/2008	104.37	59.02	NP	--	45.35	IW, VOL	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-5	4/17/2008	104.37	58.95	NP	--	45.42	IW, VOL	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-5	7/10/2008	104.37	59.00	NP	--	45.37	--	**35000**	--	< 1000	< 1000	< 1000	**14000**	**440000**	--	< 600000	**110000**	< 1000	< 1000	< 1000	< 1000	< 1000	--
MW-5	10/16/2008	103.59	59.40	NP	--	44.19	IW, VOL	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-5	1/22/2009	103.59	--	--	--	--	Dry	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

TABLE 3
Historical Gauging and Analytical Data
ARCO Service Station No. 465
151 Southgate Avenue
Daly City, CA

Well I.D.	Date	GROUNDWATER ELEVATION DATA						GROUNDWATER ANALYTICAL DATA															
		TOC Elevation (ft)	Water Level Depth (ft)	LNAPL Depth (ft)	LNAPL Thickness (ft)	Water Level Elevation* (ft)	Qualifiers	GRO (ug/L)	DRO (ug/L)	Benzene (ug/L)	Toluene (ug/L)	Ethylbenzene (ug/L)	Xylene (Total) (ug/L)	MTBE (ug/L)	Naphthalene (ug/L)	Ethanol (ug/L)	TBA (ug/L)	DIPE (ug/L)	ETBE (ug/L)	TAME (ug/L)	1,2-DCA (ug/L)	EDB (ug/L)	Stoddard Solvent (ug/L)
MW-5	4/22/2009	103.59	59.38	NP	--	44.21	Dry	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-5	7/27/2009	103.59	--	--	--	--	Dry	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-5	10/30/2009	103.59	59.40	NP	--	44.19	IW, VOL	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-5	4/23/2010	103.59	59.22	NP	--	44.37	--	**4300**	--	< 10	**35**	**16**	**350**	**55000**	--	< 6000	**89000**	< 10	< 10	**35**	< 10	< 10	--
MW-5	10/28/2010	103.59	59.42	NP	--	44.17	IW, VOL	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-5	4/11/2011	103.59	--	--	--	--	Dry	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-5	10/24/2011	102.81	58.96	NP	--	43.85	IW, VOL	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-5	4/4/2012	102.81	58.90	NP	--	43.91	IW, VOL	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-5	7/25/2012	102.81	58.98	NP	--	43.83	IW, VOL	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-5	10/3/2012	102.81	58.91	NP	--	43.90	IW, VOL	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-5	1/14/2013	102.81	58.80	NP	--	44.01	IW	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-5	4/1/2013	102.81	59.00	NP	--	43.81	IW, VOL	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-5	7/25/2013	102.81	58.77	NP	--	44.04	IW, Stagnant water	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-5	10/29/2013	102.81	58.57	NP	--	44.24	IW, Stagnant water	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-5	1/21/2014	102.81	58.48	NP	--	44.33	IW, VOL	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-5	7/1/2014	102.81	56.91	NP	--	45.90	MD	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-5	7/2/2014	102.81	--	--	--	--	SV	< 50	--	< 0.50	**0.75**	**0.55**	< 1.0	**38**	--	--	**360**	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 47
MW-5	2/9/2015	102.81	58.55	NP	--	44.26	Stagnant water	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-5	9/14/2015	102.81	58.47	NP	--	44.34	IW, Stagnant water	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-5	2/8/2016	102.81	58.48	NP	--	44.33	Grab sample, MD	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-5	2/10/2016	102.81	--	--	--	--	NG, DNP	< 50	--	< 0.50	< 0.50	< 0.50	< 1.0	**2.5**	--	--	< 10	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	--
MW-5	7/25/2016	102.81	58.70	NP	--	44.11	IW, VOL	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-5	9/6/2017	103.25 ^	58.55	NP	--	44.70	--	< 50	--	< 0.50	< 0.50	< 0.50	< 1.0	**1.4**	< 1.0	< 150	< 10	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	--
MW-5	2/13/2018	103.25 ^	58.91	NP	--	44.34	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-5	4/24/2018	103.25 ^	58.82	NP	--	44.43	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-5	9/28/2018	103.25 ^	58.83	NP	--	44.42	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-5	1/28/2019	103.25 ^	58.81	NP	--	44.44	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-5	5/16/2019	103.25 ^	58.85	NP	--	44.40	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-5	8/26/2019	103.25 ^	58.85	NP	--	44.40	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-5	11/4/2019	103.25 ^	58.85	NP	--	44.40	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-5	1/20/2020	103.25 ^	58.83	NP	--	44.42	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-5D	2/9/2015	104.20	149.13	NP	--	-44.93	MD	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-5D	2/13/2015	--	--	--	--	--	--	< 50	--	< 0.50	< 0.50	< 0.50	< 1.0	< 0.50	--	--	< 10	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 51
MW-5D	6/16/2015	104.20	149.02	NP	--	-44.82	MD	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-5D	6/18/2015	--	--	--	--	--	--	< 50	--	< 0.50	< 0.50	< 0.50	< 1.0	< 0.50	--	< 150	< 10	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 53
MW-5D	9/14/2015	104.20	148.80	NP	--	-44.60	MD	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-5D	9/17/2015	--	--	--	--	--	--	< 50	--	< 0.50	< 0.50	< 0.50	< 1.0	< 0.50	--	< 150	< 10	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 47
MW-5D	12/2/2015	104.20	148.97	NP	--	-44.77	--	< 50	--	< 0.50	< 0.50	< 0.50	< 1.0	< 0.50	--	< 150	< 10	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 50
MW-5D	2/8/2016	104.20	148.61	NP	--	-44.41	MD	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-5D	2/10/2016	--	--	--	--	--	--	< 50	--	< 0.50	< 0.50	< 0.50	< 1.0	< 0.50	--	--	< 10	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 47
MW-5D	7/25/2016	104.20	148.00	NP	--	-43.80	MD	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-5D	7/26/2016	--	--	--	--	--	--	< 50	--	< 0.50	< 0.50	< 0.50	< 1.0	< 0.50	< 1.0	< 150	< 10	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 48
MW-5D	9/6/2017	104.20	142.79	NP	--	-38.59	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-5D	9/7/2017	--	--	--	--	--	--	< 50	--	< 0.50	< 0.50	< 0.50	< 1.0	< 0.50	< 1.0	< 150	< 10	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 49
MW-5D	2/13/2018	104.20	139.60	NP	--	-35.40	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-5D	2/15/2018	--	--	--	--	--	--	< 50	--	< 0.50	< 0.50	< 0.50	< 1.0	**1.4**	< 1.0	< 150	< 10	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 50

TABLE 3
Historical Gauging and Analytical Data
ARCO Service Station No. 465
151 Southgate Avenue
Daly City, CA

Well I.D.	Date	GROUNDWATER ELEVATION DATA						GROUNDWATER ANALYTICAL DATA															
		TOC Elevation (ft)	Water Level Depth (ft)	LNAPL Depth (ft)	LNAPL Thickness (ft)	Water Level Elevation* (ft)	Qualifiers	GRO (ug/L)	DRO (ug/L)	Benzene (ug/L)	Toluene (ug/L)	Ethylbenzene (ug/L)	Xylene (Total) (ug/L)	MTBE (ug/L)	Naphthalene (ug/L)	Ethanol (ug/L)	TBA (ug/L)	DIPE (ug/L)	ETBE (ug/L)	TAME (ug/L)	1,2-DCA (ug/L)	EDB (ug/L)	Stoddard Solvent (ug/L)
MW-5D	4/24/2018	104.20	138.44	NP	--	-34.24	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-5D	9/28/2018	104.20	136.20	NP	--	-32.00	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-5D	1/28/2019	104.20	134.23	NP	--	-30.03	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-5D	1/31/2019	104.20	--	--	--	--	NG	< 50	--	< 0.50	< 0.50	< 0.50	< 1.0	< 0.50	< 1.0	< 150	< 10	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 48
MW-5D	3/25/2019	104.20	134.05	NP	--	-29.85	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-5D	5/16/2019	104.20	133.58	NP	--	-29.38	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-5D	6/3/2019	104.20	132.97	NP	--	-28.77	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-5D	6/5/2019	--	--	--	--	--	--	< 50	--	< 0.50	< 0.50	< 0.50	< 1.0	< 0.50	< 1.0	< 150LQ	< 10LQ	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 48
MW-5D	8/26/2019	104.20	132.57	NP	--	-28.37	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-5D	11/4/2019	104.20	132.57	NP	--	-28.37	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-5D	1/20/2020	104.20	131.19	NP	--	-26.99	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-5D	1/23/2020	104.20	--	--	--	--	NG	< 50	--	< 0.50	< 0.50	< 0.50	< 1.0	< 0.50	< 1.0	< 150	< 10	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 48
MW-6	12/31/2001	103.52	57.78	NP	--	45.74	b	**860**	--	**74**	**37**	**2.1**	**150**	**7200**	--	--	--	--	--	--	--	--	--
MW-6	3/18/2002	103.52	57.84	NP	--	45.68	c	< 500	--	< 5.0	< 5.0	< 5.0	< 5.0	**3900**	--	--	--	--	--	--	--	--	--
MW-6	6/27/2002	103.52	57.70	NP	--	45.82	--	**160**	--	**4.6**	**2.1**	**1.4**	**3.4**	**2700**	--	--	--	--	--	--	--	--	--
MW-6	9/25/2002	103.52	57.75	NP	--	45.77	e, f, g	620 N	--	< 5.0	< 5.0	< 5.0	< 5.0	**4000**	--	--	--	--	--	--	--	--	**95**
MW-6	12/13/2002	103.52	57.73	NP	--	45.79	e, g, h	5400 N	--	**1.6**	**1.6**	< 0.50	**2.0**	**3900**	--	--	--	--	--	--	--	--	**130**
MW-6	3/28/2003	103.52	57.75	NP	--	45.77	--	< 5000 N	--	< 500	< 500	< 500	< 500	**14000**	--	< 100000	< 20000	< 500	< 500	< 500	< 500	< 500	--
MW-6	3/31/2003	103.52	57.69	NP	--	45.83	e, g	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	**130**
MW-6	5/6/2003	103.52	57.72	NP	--	45.80	e, g	< 50 N	--	< 50	< 50	< 50	< 50	**3900**	--	< 10000	**2400**	< 500	< 500	< 500	--	--	**130**
MW-6	7/22/2003	103.52	57.65	NP	--	45.87	--	13000 N	--	< 50	< 50	< 50	< 50	**7800**	--	< 10000	< 2000	< 50	< 50	< 50	< 50	< 50	**230**
MW-6	10/21/2003	103.52	57.80	NP	--	45.72	--	**3900**	**850**	< 25	< 25	< 25	< 25	**4200**	--	< 5000	< 1000	< 25	< 25	< 25	--	--	**280**
MW-6	2/3/2004	103.52	57.74	NP	--	45.78	--	**11000**	--	< 50	< 50	< 50	< 50	**6800**	--	< 10000	< 2000	< 50	< 50	< 50	< 50	< 50	**300**
MW-6	4/14/2004	103.52	57.73	NP	--	45.79	--	**2700**	--	< 250	< 250	< 250	< 250	**9200**	--	< 50000	< 10000	< 500	< 500	< 500	< 250	< 250	**240**
MW-6	7/20/2004	103.52	57.60	NP	--	45.92	--	< 50000	--	< 500	< 500	< 500	< 500	**12000**	--	< 100000	< 20000	< 500	< 500	< 500	< 500	< 500	**340**
MW-6	10/29/2004	103.52	57.99	NP	--	45.53	--	< 25000	**1100**	< 250	< 250	< 250	< 250	**16000**	--	< 50000	< 10000	< 250	< 250	< 250	< 250	< 250	**740**
MW-6	1/11/2005	103.52	57.55	NP	--	45.97	--	< 25000	--	< 250	< 250	< 250	< 250	**13000**	--	< 50000	< 10000	< 250	< 250	< 250	< 250	< 250	**240**
MW-6	5/3/2005	103.52	57.45	NP	--	46.07	--	13000 N	--	< 100	< 100	< 100	< 100	**14000**	--	< 20000	**12000**	< 100	< 100	< 100	< 100	< 100	**830**
MW-6	8/3/2005	103.52	57.24	NP	--	46.28	--	< 10 N	--	**300**	< 100	**110**	**330**	**13000**	--	< 20000	**18000**	< 100	< 100	< 100	< 100	< 100	< 50
MW-6	10/28/2005	103.52	57.20	NP	--	46.32	--	< 10 N	--	< 100	< 100	< 100	< 100	**11000**	--	< 20000	**26000**	< 100	< 100	< 100	< 100	< 100	< 48
MW-6	1/11/2006	103.52	57.23	NP	--	46.29	--	< 10 N	--	< 100	< 100	< 100	< 100	**8300**	--	< 60000	**23000**	< 100	< 100	< 100	< 100	< 100	**210**
MW-6	4/17/2006	103.52	57.29	NP	--	46.23	--	< 10 N	--	< 100	< 100	< 100	< 100	**7500**	--	< 60000	**21000**	< 100	< 100	< 100	< 100	< 100	**410**
MW-6	7/18/2006	103.52	57.02	NP	--	46.50	--	**8700**	--	< 50	< 50	< 50	< 50	**9400**	--	< 30000	**19000**	< 50	< 50	< 50	< 50	< 50	**170**
MW-6	11/13/2006	103.52	57.00	NP	--	46.52	--	**3600**	--	< 100	< 100	< 100	< 100	**9300**	--	< 60000	**25000**	< 100	< 100	< 100	< 100	< 100	< 47
MW-6	1/12/2007	103.52	56.94	NP	--	46.58	--	**5200**	--	< 50	< 50	< 50	< 50	**9000**	--	< 30000	**30000**	< 50	< 50	< 50	< 50	< 50	**120**
MW-6	4/16/2007	103.52	57.05	NP	--	46.47	--	8900 N	--	< 50	< 50	< 50	< 50	**10000**	--	< 30000	**35000**	< 50	< 50	< 50	< 50	< 50	< 47
MW-6	7/6/2007	103.52	57.15	NP	--	46.37	--	3800 N	--	< 50	< 50	< 50	< 50	**5500**	--	< 30000	**32000**	< 50	< 50	< 50	< 50	< 50	250 N
MW-6	10/4/2007	103.52	57.35	NP	--	46.17	--	8100 N	--	< 50	< 50	< 50	< 50	**12000**	--	< 30000	**39000**	< 50	< 50	< 50	< 50	< 50	88 N
MW-6	1/21/2008	103.52	57.48	NP	--	46.04	--	6400 N	--	< 50	< 50	< 50	< 50	**11000**	--	< 30000	**38000**	< 50	< 50	< 50	< 50	< 50	570 N
MW-6	4/17/2008	103.52	57.60	NP	--	45.92	--	**99**	--	< 0.50	< 0.50	< 0.50	< 0.50	**12000**	--	< 300	**21000**	< 0.50	< 0.50	**6.7**	< 0.50	< 0.50	650 N
MW-6	7/10/2008	103.52	57.56	NP	--	45.96	--	**160**	--	< 200	< 200	< 200	< 200	**15000**	--	< 120000	**42000**	< 200	< 200	< 200	< 200	< 200	**680**
MW-6	10/16/2008	102.74	57.63	NP	--	45.11	--	**140**	--	< 200	< 200	< 200	< 200	**6900**	--	< 120000	**35000**	< 200	< 200	< 200	< 200	< 200	720 N
MW-6	1/22/2009	102.74	57.65	NP	--	45.09	--	**230**	--	< 200	< 200	< 200	< 200	**12000**	--	< 120000	**31000**	< 200	< 200	< 200	< 200	< 200	630 N
MW-6	4/22/2009	102.74	57.74	NP	--	45.00	--	**1200**	--	< 200	< 200	< 200	< 200	**14000**	--	< 120000	**55000**	< 200	< 200	< 200	< 200	< 200	590 N
MW-6	7/27/2009	102.74	--	--	--	--	NG, Not monitored	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-6	10/30/2009	102.74	57.60	NP	--	45.14	--	1100 N	--	< 200	< 200	< 200	< 200	**12000**	--	< 120000	**54000**	< 200	< 200	< 200	< 200	< 200	**170**
MW-6	5/27/2010	102.74	57.99	NP	--	44.75	--	210 N	--	< 200	< 200	< 200	< 200	**27000**	--	< 120000	**76000**	< 200	< 200	< 200	< 200	< 200	530 N
MW-6	10/28/2010	102.74	57.84	NP	--	44.90	--	**220**	--	< 200	< 200	< 200	< 200	**6300**	--	< 120000	**46000**	< 200	< 200	< 200	< 200	< 200	730 N
MW-6	4/11/2011	102.74	57.89	NP	--	44.85	--	200 N	--	< 200	< 200	< 200	< 200	**3900**	--	< 120000	**46000**	< 200	< 200	< 200	< 200	< 200	610 N
MW-6	10/24/2011	102.33	57.60	NP	--	44.73	MD	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-6	10/25/2011	--	--	--	--	--	--	320 N	--	< 200	< 200	< 200	< 200	**7100**	--	< 120000	**50000**	< 200	< 200	< 200	< 200	< 200	620 N

TABLE 3
Historical Gauging and Analytical Data
ARCO Service Station No. 465
151 Southgate Avenue
Daly City, CA

Well I.D.	Date	GROUNDWATER ELEVATION DATA						GROUNDWATER ANALYTICAL DATA														
		TOC Elevation (ft)	Water Level Depth (ft)	LNAPL Depth (ft)	LNAPL Thickness (ft)	Water Level Elevation* (ft)	Qualifiers	GRO (ug/L)	DRO (ug/L)	Benzene (ug/L)	Toluene (ug/L)	Ethylbenzene (ug/L)	Xylene (Total) (ug/L)	MTBE (ug/L)	Naphthalene (ug/L)	Ethanol (ug/L)	TBA (ug/L)	DIPE (ug/L)	ETBE (ug/L)	TAME (ug/L)	1,2-DCA (ug/L)	EDB (ug/L)	Stoddard Solvent (ug/L)
MW-6	4/4/2012	102.33	57.56	NP	--	44.77	MD	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-6	4/5/2012	--	--	--	--	--	--	93 N	--	< 200	< 200	< 200	< 200	**2600**	--	< 120000	**59000**	< 200	< 200	< 200	< 200	< 200	**610**
MW-6	7/25/2012	102.33	57.78	NP	--	44.55	MD	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-6	7/26/2012	102.33	--	--	--	--	SV	**120**	--	< 20	< 20	< 20	< 40	**6800**	--	< 6000	**67000**	< 20	< 20	< 20	< 20	< 20	**630**
MW-6	10/3/2012	102.33	57.77	NP	--	44.56	SV	< 5000	--	< 50	< 50	< 50	< 100	**28000**	--	< 15000	**130000**	< 50	< 50	< 50	< 50	< 50	**640**
MW-6	1/14/2013	102.33	58.00	NP	--	44.33	MD	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-6	1/15/2013	102.33	--	--	--	--	SV	< 250	--	< 10	< 10	< 10	< 20	**6400**	--	< 3000	**40000**	< 10	< 10	< 10	< 10	< 10	**870**
MW-6	4/1/2013	102.33	57.67	NP	--	44.66	MD	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-6	4/2/2013	102.33	--	--	--	--	SV	< 500	--	< 20	< 20	< 20	< 40	**8200**	--	--	**31000**	< 20	< 20	< 20	< 20	< 20	**480**
MW-6	7/25/2013	102.33	57.52	NP	--	44.81	MD	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-6	7/26/2013	102.33	--	--	--	--	SV	< 500	--	< 10	< 10	< 10	< 20	**2200**	--	< 3000	**23000**	< 10	< 10	< 10	< 10	< 10	**260**
MW-6	10/29/2013	102.33	58.00	NP	--	44.33	MD	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-6	10/30/2013	102.33	--	--	--	--	SV	< 500	--	< 5.0	< 5.0	< 5.0	< 10	**3000**	--	< 1500	**25000**	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	**360**
MW-6	1/21/2014	102.33	58.18	NP	--	44.15	MD	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-6	1/22/2014	102.33	--	--	--	--	SV	< 50	--	< 10	< 10	< 10	< 20	**4700**	--	--	**28000**	< 10	< 10	< 10	< 10	< 10	**53**
MW-6	7/1/2014	102.33	58.04	NP	--	44.29	MD	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-6	7/2/2014	102.33	--	--	--	--	SV	< 100	--	< 10	< 10	< 10	< 20	**1200**	--	--	**11000**	< 10	< 10	< 10	< 10	< 10	< 47
MW-6	2/9/2015	102.33	58.68	NP	--	43.65	MD	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-6	2/12/2015	102.33	--	--	--	--	NG, Grab sample, DNP	< 50	--	< 2.5	< 2.5	< 2.5	< 5.0	**270**	--	--	**8500**	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5	**62**
MW-6	9/14/2015	102.33	58.77	NP	--	43.56	Grab sample, DNP	< 50	--	< 0.50	< 0.50	< 0.50	< 1.0	**18**	--	< 150	**5500**	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 47
MW-6	2/8/2016	102.33	58.23	NP	--	44.10	Grab sample, MD	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-6	2/10/2016	102.33	--	--	--	--	NG, DNP	< 50	--	< 5.0	< 5.0	< 5.0	< 10	**820**	--	--	**4600**	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 51
MW-6	7/25/2016	102.33	57.87	NP	--	44.46	MD	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-6	7/26/2016	102.33	--	--	--	--	NG, DNP	< 50	--	< 10	< 10	< 10	< 20	**610**	< 20	< 3000	**5600**	< 10	< 10	< 10	< 10	< 10	< 47
MW-6	9/6/2017	102.33	57.39	NP	--	44.94	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-6	9/7/2017	--	--	--	--	--	--	< 50	--	< 2.5	< 2.5	< 2.5	< 5.0	**200**	< 5.0	< 750	**2800**	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5	< 48
MW-6	2/13/2018	102.33	57.11	NP	--	45.22	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-6	2/15/2018	--	--	--	--	--	--	< 50	--	< 0.50	< 0.50	< 0.50	< 1.0	**79**	< 1.0	< 150	**150**	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 48
MW-6	4/24/2018	102.33	57.08	NP	--	45.25	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-6	9/28/2018	102.33	57.27	NP	--	45.06	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-6	1/28/2019	102.33	57.41	NP	--	44.92	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-6	1/31/2019	102.33	--	--	--	--	NG	< 50	--	< 0.50	< 0.50	< 0.50	< 1.0	**89**	< 1.0	< 150	**81**	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 48
MW-6	5/16/2019	102.33	57.70	NP	--	44.63	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-6	8/26/2019	102.33	55.68	NP	--	46.65	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-6	11/4/2019	102.33	57.68	NP	--	44.65	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-6	1/20/2020	102.33	57.64	NP	--	44.69	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-6	1/24/2020	102.33	--	--	--	--	NG	< 50	--	< 0.50	< 0.50	< 0.50	< 1.0	**67**	< 1.0	< 150	**240**	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 48
MW-6D	2/9/2015	104.52	148.95	NP	--	-44.43	MD	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-6D	2/10/2015	--	--	--	--	--	--	< 50	--	< 0.50	< 0.50	< 0.50	< 1.0	< 0.50	--	--	< 10	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	**1100**
MW-6D	6/16/2015	104.52	148.82	NP	--	-44.30	MD	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-6D	6/17/2015	--	--	--	--	--	--	< 50	--	< 0.50	< 0.50	< 0.50	< 1.0	< 0.50	--	< 150	< 10	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 51
MW-6D	9/14/2015	104.52	148.66	NP	--	-44.14	MD	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-6D	9/17/2015	--	--	--	--	--	--	< 50	--	< 0.50	< 0.50	< 0.50	< 1.0	< 0.50	--	< 150	< 10	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 49
MW-6D	12/2/2015	104.52	148.78	NP	--	-44.26	MD	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-6D	12/3/2015	--	--	--	--	--	--	< 50	--	< 0.50	< 0.50	< 0.50	< 1.0	< 0.50	--	< 150	< 10	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 51
MW-6D	2/8/2016	104.52	148.51	NP	--	-43.99	MD	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-6D	2/10/2016	--	--	--	--	--	--	< 50	--	< 0.50	< 0.50	< 0.50	< 1.0	< 0.50	--	--	< 10	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 47
MW-6D	7/25/2016	104.52	147.87	NP	--	-43.35	--	< 50	--	< 0.50	< 0.50	< 0.50	< 1.0	< 0.50	< 1.0	< 150	< 10	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 57

TABLE 3
Historical Gauging and Analytical Data
ARCO Service Station No. 465
151 Southgate Avenue
Daly City, CA

Well I.D.	Date	GROUNDWATER ELEVATION DATA						GROUNDWATER ANALYTICAL DATA															
		TOC Elevation (ft)	Water Level Depth (ft)	LNAPL Depth (ft)	LNAPL Thickness (ft)	Water Level Elevation* (ft)	Qualifiers	GRO (ug/L)	DRO (ug/L)	Benzene (ug/L)	Toluene (ug/L)	Ethylbenzene (ug/L)	Xylene (Total) (ug/L)	MTBE (ug/L)	Naphthalene (ug/L)	Ethanol (ug/L)	TBA (ug/L)	DIPE (ug/L)	ETBE (ug/L)	TAME (ug/L)	1,2-DCA (ug/L)	EDB (ug/L)	Stoddard Solvent (ug/L)
MW-6D	5/16/2017	104.52	133.80	NP	--	-29.28	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-6D	9/6/2017	104.52	142.83	NP	--	-38.31	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-6D	9/7/2017	--	--	--	--	--	--	< 50	--	< 0.50	< 0.50	< 0.50	< 1.0	< 0.50	< 1.0	< 150	< 10	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 52
MW-6D	2/13/2018	104.52	139.75	NP	--	-35.23	--	< 50	--	< 0.50	< 0.50	< 0.50	< 1.0	< 0.50	< 1.0	< 150	< 10	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 50
MW-6D	4/24/2018	104.52	138.61	NP	--	-34.09	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-6D	9/28/2018	104.52	136.40	NP	--	-31.88	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-6D	1/28/2019	104.52	134.49	NP	--	-29.97	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-6D	1/29/2019	104.52	--	--	--	--	NG	< 50	--	< 0.50	< 0.50	< 0.50	< 1.0	< 0.50	< 1.0	< 150	< 10	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 49
MW-6D	3/25/2019	104.52	134.26	NP	--	-29.74	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-6D	6/3/2019	104.52	133.21	NP	--	-28.69	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-6D	6/5/2019	--	--	--	--	--	--	< 50	--	< 0.50	< 0.50	< 0.50	< 1.0	< 0.50	< 1.0	< 150LQ	< 10LQ	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 48
MW-6D	8/26/2019	104.52	132.76	NP	--	-28.24	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-6D	11/4/2019	104.52	132.83	NP	--	-28.31	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-6D	1/20/2020	104.52	131.47	NP	--	-26.95	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-6D	1/21/2020	104.52	--	--	--	--	NG	< 50	--	< 0.50	< 0.50	< 0.50	< 1.0	< 0.50	< 1.0	< 150	< 10	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 48
MW-7	10/16/2008	98.28	53.12	NP	--	45.16	--	< 50	--	< 0.50	< 0.50	< 0.50	< 0.50	**13**	--	< 300	< 10	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 50
MW-7	1/22/2009	98.28	53.30	NP	--	44.98	--	< 50	--	< 0.50	< 0.50	< 0.50	< 0.50	**9.4**	--	< 300	< 10	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 50
MW-7	4/22/2009	98.28	53.24	NP	--	45.04	--	< 50	--	< 0.50	< 0.50	< 0.50	< 0.50	**7.3**	--	< 300	< 10	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 50
MW-7	7/27/2009	98.28	54.00	NP	--	44.28	--	< 50	--	< 0.50	< 0.50	< 0.50	< 0.50	**10**	--	< 300	< 10	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 50
MW-7	10/30/2009	98.28	53.50	NP	--	44.78	--	< 50	--	< 0.50	< 0.50	< 0.50	< 0.50	**5.3**	--	< 300	< 10	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 50
MW-7	4/23/2010	98.28	53.55	NP	--	44.73	--	< 50	--	< 0.50	< 0.50	< 0.50	**0.64**	**3**	--	< 300	< 10	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	--
MW-7	10/28/2010	98.28	53.31	NP	--	44.97	--	< 50	--	< 0.50	< 0.50	< 0.50	< 0.50	**1.9**	--	< 300	< 10	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 50
MW-7	4/11/2011	98.28	53.39	NP	--	44.89	--	< 50	--	< 0.50	< 0.50	< 0.50	< 0.50	**0.60**	--	< 300	< 10	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 50
MW-7	10/24/2011	98.15	53.11	NP	--	45.04	MD	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-7	10/25/2011	--	--	--	--	--	--	< 50	--	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	--	< 300	< 10	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 50
MW-7	4/4/2012	98.15	53.07	NP	--	45.08	MD	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-7	4/5/2012	--	--	--	--	--	--	< 50	--	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	--	< 300	< 10	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 50
MW-7	7/25/2012	98.15	53.28	NP	--	44.87	MD	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-7	7/26/2012	98.15	--	--	--	--	SV	< 50	--	< 0.50	< 0.50	< 0.50	< 1.0	**0.90**	--	< 150	< 10	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 47
MW-7	10/3/2012	98.15	53.35	NP	--	44.80	SV	< 50	--	< 0.50	< 0.50	< 0.50	< 1.0	< 0.50	--	< 150	< 10	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 48
MW-7	1/14/2013	98.15	53.50	NP	--	44.65	MD	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-7	1/15/2013	98.15	--	--	--	--	SV	< 50	--	< 0.50	< 0.50	< 0.50	< 1.0	**0.62**	--	< 150	< 10	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 47
MW-7	4/1/2013	98.15	53.60	NP	--	44.55	MD	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-7	4/2/2013	98.15	--	--	--	--	SV	< 50	--	< 0.50	< 0.50	< 0.50	< 1.0	< 0.50	--	--	< 10	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 48
MW-7	7/25/2013	98.15	54.58	NP	--	43.57	MD	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-7	7/26/2013	98.15	--	--	--	--	SV	< 50	--	< 0.50	< 0.50	< 0.50	< 1.0	< 0.50	--	< 150	< 10	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 48
MW-7	10/29/2013	98.15	53.61	NP	--	44.54	SV	< 50	--	< 0.50	< 0.50	< 0.50	< 1.0	< 0.50	--	< 150	< 10	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 47
MW-7	1/21/2014	98.15	54.19	NP	--	43.96	Grab sample, MD	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-7	1/22/2014	98.15	--	--	--	--	SV, DNP	< 50	--	< 0.50	< 0.50	< 0.50	< 1.0	< 0.50	--	--	< 10	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 48
MW-7	2/9/2015	98.15	54.20	NP	--	43.95	MD	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-7	2/10/2015	--	--	--	--	--	--	< 50	--	< 0.50	< 0.50	< 0.50	< 1.0	< 0.50	--	--	< 10	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	**520**
MW-7	2/8/2016	98.15	53.76	NP	--	44.39	MD	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-7	2/10/2016	--	--	--	--	--	--	< 50	--	< 0.50	< 0.50	< 0.50	< 1.0	< 0.50	--	--	< 10	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	--
MW-7	2/13/2018	98.15	52.58	NP	--	45.57	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-7	2/14/2018	--	--	--	--	--	--	< 50	--	< 0.50	< 0.50	< 0.50	< 1.0	< 0.50	< 1.0	< 150	< 10	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 48
MW-7	4/24/2018	98.15	52.53	NP	--	45.62	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-7	9/28/2018	98.15	52.74	NP	--	45.41	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-7	1/28/2019	98.15	52.90	NP	--	45.25	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-7	1/30/2019	98.15	--	--	--	--	NG	< 50	--	< 0.50	< 0.50	< 0.50	< 1.0	< 0.50	< 1.0	< 150	< 10	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 48
MW-7	5/16/2019	98.15	53.14	NP	--	45.01	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-7	8/26/2019	98.15	53.10	NP	--	45.05	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

TABLE 3
Historical Gauging and Analytical Data
ARCO Service Station No. 465
151 Southgate Avenue
Daly City, CA

Well I.D.	Date	GROUNDWATER ELEVATION DATA						GROUNDWATER ANALYTICAL DATA														
		TOC Elevation (ft)	Water Level Depth (ft)	LNAPL Depth (ft)	LNAPL Thickness (ft)	Water Level Elevation* (ft)	Qualifiers	GRO (ug/L)	DRO (ug/L)	Benzene (ug/L)	Toluene (ug/L)	Ethylbenzene (ug/L)	Xylene (Total) (ug/L)	MTBE (ug/L)	Naphthalene (ug/L)	Ethanol (ug/L)	TBA (ug/L)	DIPE (ug/L)	ETBE (ug/L)	TAME (ug/L)	1,2-DCA (ug/L)	EDB (ug/L)	Stoddard Solvent (ug/L)
MW-7	11/4/2019	98.15	53.10	NP	--	45.05	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-7	1/20/2020	98.15	53.05	NP	--	45.10	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-7	1/23/2020	98.15	--	--	--	--	NG	< 50	--	< 0.50	< 0.50	< 0.50	< 1.0	< 0.50	< 1.0	< 150	< 10	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 47
MW-7D	2/9/2015	99.29	144.91	NP	--	-45.62	MD	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-7D	2/13/2015	--	--	--	--	--	--	< 50	--	< 0.50	< 0.50	< 0.50	< 1.0	< 0.50	--	--	< 10	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 51
MW-7D	6/16/2015	99.29	144.75	NP	--	-45.46	MD	< 50	--	< 0.50	< 0.50	< 0.50	< 1.0	< 0.50	--	< 150	< 10	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 51
MW-7D	9/14/2015	99.29	144.56	NP	--	-45.27	MD	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-7D	9/16/2015	--	--	--	--	--	--	< 50	--	< 0.50	< 0.50	< 0.50	< 1.0	< 0.50	--	< 150	< 10	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 47
MW-7D	12/2/2015	99.29	144.71	NP	--	-45.42	MD	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-7D	12/3/2015	--	--	--	--	--	--	< 50	--	< 0.50	< 0.50	< 0.50	< 1.0	< 0.50	--	< 150	< 10	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 51
MW-7D	2/8/2016	99.29	144.45	NP	--	-45.16	MD	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-7D	2/10/2016	--	--	--	--	--	--	< 50	--	< 0.50	< 0.50	< 0.50	< 1.0	< 0.50	--	--	< 10	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 49
MW-7D	7/25/2016	99.29	143.74	NP	--	-44.45	MD	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-7D	7/26/2016	--	--	--	--	--	--	< 50	--	< 0.50	< 0.50	< 0.50	< 1.0	< 0.50	< 1.0	< 150	< 10	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 50
MW-7D	9/6/2017	99.29	138.55	NP	--	-39.26	--	< 50	--	< 0.50	< 0.50	< 0.50	< 1.0	< 0.50	< 1.0	< 150	< 10	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 51
MW-7D	2/13/2018	99.29	135.31	NP	--	-36.02	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-7D	2/15/2018	--	--	--	--	--	--	< 50	--	< 0.50	< 0.50	< 0.50	< 1.0	< 0.50	< 1.0	< 150	< 10	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 49
MW-7D	4/24/2018	99.29	134.15	NP	--	-34.86	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-7D	9/28/2018	99.29	131.82	NP	--	-32.53	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-7D	1/28/2019	99.29	129.87	NP	--	-30.58	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-7D	1/30/2019	--	--	--	--	--	--	< 50	--	< 0.50	< 0.50	< 0.50	< 1.0	< 0.50	< 1.0	< 150	< 10	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 49
MW-7D	3/25/2019	99.29	129.61	NP	--	-30.32	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-7D	5/16/2019	99.29	149.10	NP	--	-49.81	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-7D	6/3/2019	99.29	128.51	NP	--	-29.21	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-7D	6/5/2019	--	--	--	--	--	--	< 50	--	< 0.50	< 0.50	< 0.50	< 1.0	< 0.50	< 1.0	< 150LQ	< 10LQ	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 47
MW-7D	8/26/2019	99.29	128.10	NP	--	-28.81	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-7D	11/4/2019	99.29	128.11	NP	--	-28.82	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-7D	1/20/2020	99.29	126.73	NP	--	-27.44	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-7D	1/22/2020	99.29	--	--	--	--	NG	< 50	--	< 0.50	< 0.50	< 0.50	< 1.0	< 0.50	< 1.0	< 150	< 10	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 48
MW-8	10/16/2008	97.64	52.45	NP	--	45.19	--	< 50	--	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	--	< 300	< 10	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 50
MW-8	1/22/2009	97.64	52.50	NP	--	45.14	--	< 50	--	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	--	< 300	< 10	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 50
MW-8	4/22/2009	97.64	52.53	NP	--	45.11	--	< 50	--	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	--	< 300	< 10	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 50
MW-8	7/27/2009	97.64	52.70	NP	--	44.94	--	< 50	--	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	--	< 300	< 10	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 50
MW-8	10/30/2009	97.64	52.73	NP	--	44.91	--	< 50	--	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	--	< 300	< 10	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 50
MW-8	4/23/2010	97.64	52.84	NP	--	44.80	--	< 50	--	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	--	< 300	< 10	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	--
MW-8	10/28/2010	97.64	52.62	NP	--	45.02	--	< 50	--	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	--	< 300	< 10	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 50
MW-8	4/11/2011	97.64	52.70	NP	--	44.94	--	69 N	--	< 0.50	< 0.50	< 0.50	< 0.50	**0.51**	--	< 300	< 10	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 50
MW-8	10/24/2011	97.48	52.40	NP	--	45.08	--	< 50	--	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	--	< 300	< 10	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 50
MW-8	4/4/2012	97.48	52.37	NP	--	45.11	--	< 50	--	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	--	< 300	< 10	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 50
MW-8	7/25/2012	97.48	52.61	NP	--	44.87	SV	< 50	--	< 0.50	< 0.50	< 0.50	< 1.0	< 0.50	--	< 150	< 10	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 47
MW-8	10/3/2012	97.48	52.63	NP	--	44.85	SV	< 50	--	< 0.50	< 0.50	< 0.50	< 1.0	< 0.50	--	< 150	< 10	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 48
MW-8	1/14/2013	97.48	52.80	NP	--	44.68	SV	< 50	--	< 0.50	< 0.50	< 0.50	< 1.0	< 0.50	--	< 150	< 10	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 48
MW-8	4/1/2013	97.48	53.50	NP	--	43.98	SV	< 50	--	< 0.50	< 0.50	< 0.50	< 1.0	< 0.50	--	--	< 10	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 48
MW-8	7/25/2013	97.48	53.24	NP	--	44.24	MD	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-8	7/26/2013	97.48	--	--	--	--	SV, DNP, Grab sample	< 50	--	< 0.50	< 0.50	< 0.50	< 1.0	< 0.50	--	< 150	< 10	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 48
MW-8	10/29/2013	97.48	52.95	NP	--	44.53	MD	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-8	10/30/2013	97.48	--	--	--	--	SV	< 50	--	< 0.50	< 0.50	< 0.50	< 1.0	< 0.50	--	< 150	< 10	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 47
MW-8	1/21/2014	97.48	53.18	NP	--	44.30	MD	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-8	1/22/2014	97.48	--	--	--	--	SV	< 50	--	< 0.50	< 0.50	< 0.50	< 1.0	< 0.50	--	--	< 10	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 47

TABLE 3
Historical Gauging and Analytical Data
ARCO Service Station No. 465
151 Southgate Avenue
Daly City, CA

Well I.D.	Date	GROUNDWATER ELEVATION DATA						GROUNDWATER ANALYTICAL DATA														
		TOC Elevation (ft)	Water Level Depth (ft)	LNAPL Depth (ft)	LNAPL Thickness (ft)	Water Level Elevation* (ft)	Qualifiers	GRO (ug/L)	DRO (ug/L)	Benzene (ug/L)	Toluene (ug/L)	Ethylbenzene (ug/L)	Xylene (Total) (ug/L)	MTBE (ug/L)	Naphthalene (ug/L)	Ethanol (ug/L)	TBA (ug/L)	DIPE (ug/L)	ETBE (ug/L)	TAME (ug/L)	1,2-DCA (ug/L)	EDB (ug/L)	Stoddard Solvent (ug/L)
MW-8	2/9/2015	97.48	53.46	NP	--	44.02	MD	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-8	2/12/2015	--	--	--	--	--	--	< 50	--	< 0.50	< 0.50	< 0.50	< 1.0	< 0.50	--	--	< 10	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 52
MW-8	2/8/2016	97.48	53.03	NP	--	44.45	MD	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-8	2/10/2016	--	--	--	--	--	--	< 50	--	< 0.50	< 0.50	< 0.50	< 1.0	< 0.50	--	--	< 10	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 47
MW-8	2/13/2018	97.48	51.76	NP	--	45.72	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-8	2/15/2018	--	--	--	--	--	--	< 50	--	< 0.50	< 0.50	< 0.50	< 1.0	< 0.50	< 1.0	< 150	< 10	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 47
MW-8	4/24/2018	97.48	51.75	NP	--	45.73	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-8	9/28/2018	97.48	52.01	NP	--	45.47	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-8	1/28/2019	97.48	52.16	NP	--	45.32	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-8	1/29/2019	97.48	--	--	--	--	NG	< 50	--	< 0.50	< 0.50	< 0.50	< 1.0	< 0.50	< 1.0	< 150	< 10	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 49
MW-8	5/16/2019	97.48	52.38	NP	--	45.10	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-8	8/26/2019	97.48	52.37	NP	--	45.11	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-8	11/4/2019	97.48	52.39	NP	--	45.09	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-8	1/20/2020	97.48	52.38	NP	--	45.10	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-8	1/24/2020	97.48	--	--	--	--	NG	< 50	--	< 0.50	< 0.50	< 0.50	< 1.0	< 0.50	< 1.0	< 150	< 10	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 48
MW-9	10/16/2008	95.42	55.63	NP	--	39.79	*** Invalid data see notes	< 50	--	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	--	< 300	< 10	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 50
MW-9	1/22/2009	95.42	45.83	NP	--	49.59	--	< 50	--	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	--	< 300	< 10	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	**56**
MW-9	4/22/2009	95.42	45.96	NP	--	49.46	--	< 50	--	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	--	< 300	< 10	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 50
MW-9	7/27/2009	95.42	46.20	NP	--	49.22	--	< 50	--	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	--	< 300	< 10	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 50
MW-9	10/30/2009	95.42	46.30	NP	--	49.12	--	< 50	--	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	--	< 300	< 10	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 50
MW-9	4/23/2010	95.42	46.48	NP	--	48.94	--	< 50	--	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	--	< 300	< 10	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	--
MW-9	10/28/2010	95.42	46.68	NP	--	48.74	--	< 50	--	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	--	< 300	< 10	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	61 N
MW-9	4/11/2011	95.42	46.90	NP	--	48.52	--	< 50	--	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	--	< 300	< 10	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 50
MW-9	10/24/2011	95.15	46.97	NP	--	48.18	--	< 50	--	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	--	< 300	< 10	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 50
MW-9	4/4/2012	95.15	46.96	NP	--	48.19	--	< 50	--	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	--	< 300	< 10	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 50
MW-9	7/25/2012	95.15	47.11	NP	--	48.04	SV	< 100	--	< 0.50	< 0.50	< 0.50	< 1.0	< 0.50	--	< 150	< 10	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 47
MW-9	10/3/2012	95.15	47.04	NP	--	48.11	SV	< 50	--	< 0.50	< 0.50	< 0.50	< 1.0	< 0.50	--	< 150	< 10	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 48
MW-9	1/14/2013	95.15	47.20	NP	--	47.95	SV	< 50	--	< 0.50	< 0.50	< 0.50	< 1.0	< 0.50	--	< 150	< 10	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 47
MW-9	4/1/2013	95.15	47.20	NP	--	47.95	SV	< 50	--	< 0.50	< 0.50	< 0.50	< 1.0	< 0.50	--	--	< 10	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 48
MW-9	7/25/2013	95.15	47.04	NP	--	48.11	VO, Car parked over well	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-9	10/29/2013	95.15	47.26	NP	--	47.89	SV	< 50	--	< 0.50	< 0.50	< 0.50	< 1.0	< 0.50	--	< 150	< 10	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 47
MW-9	1/21/2014	95.15	47.32	NP	--	47.83	SV	< 50	--	< 0.50	< 0.50	< 0.50	< 1.0	< 0.50	--	--	< 10	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 47
MW-9	2/9/2015	95.15	46.84	NP	--	48.31	MD	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-9	2/10/2015	--	--	--	--	--	--	< 50	--	< 0.50	**0.79**	< 0.50	**2.1**	< 0.50	--	--	< 10	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	**860**
MW-9	2/8/2016	95.15	46.17	NP	--	48.98	MD	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-9	2/10/2016	--	--	--	--	--	--	< 50	--	< 0.50	< 0.50	< 0.50	< 1.0	< 0.50	--	--	< 10	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 47
MW-9	2/13/2018	95.15	44.60	NP	--	50.55	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-9	2/14/2018	--	--	--	--	--	--	< 50	--	< 0.50	< 0.50	< 0.50	< 1.0	< 0.50	< 1.0	< 150	< 10	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 52
MW-9	4/24/2018	95.15	44.38	NP	--	50.77	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-9	9/28/2018	95.15	44.41	NP	--	50.74	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-9	1/28/2019	95.15	44.75	NP	--	50.40	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-9	1/29/2019	95.15	--	--	--	--	NG	< 50	--	< 0.50	< 0.50	< 0.50	< 1.0	< 0.50	< 1.0	< 150	< 10	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 48
MW-9	5/16/2019	95.15	45.13	NP	--	50.02	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-9	8/26/2019	95.15	45.17	NP	--	49.98	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-9	11/4/2019	95.15	44.74	NP	--	50.41	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-9	1/20/2020	95.15	45.52	NP	--	49.63	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-9	1/22/2020	95.15	--	--	--	--	NG	< 50	--	< 0.50	< 0.50	< 0.50	< 1.0	< 0.50	< 1.0	< 150	< 10	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 48
MW-9D	8/29/2017	95.45	134.16	NP	--	-38.71	Dry	< 50	--	< 0.50	< 0.50	< 0.50	< 1.0	< 0.50	< 1.0	--	< 10	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 53

TABLE 3
Historical Gauging and Analytical Data
ARCO Service Station No. 465
151 Southgate Avenue
Daly City, CA

Well I.D.	Date	GROUNDWATER ELEVATION DATA						GROUNDWATER ANALYTICAL DATA														
		TOC Elevation (ft)	Water Level Depth (ft)	LNAPL Depth (ft)	LNAPL Thickness (ft)	Water Level Elevation* (ft)	Qualifiers	GRO (ug/L)	DRO (ug/L)	Benzene (ug/L)	Toluene (ug/L)	Ethylbenzene (ug/L)	Xylene (Total) (ug/L)	MTBE (ug/L)	Naphthalene (ug/L)	Ethanol (ug/L)	TBA (ug/L)	DIPE (ug/L)	ETBE (ug/L)	TAME (ug/L)	1,2-DCA (ug/L)	EDB (ug/L)	Stoddard Solvent (ug/L)
MW-9D	9/6/2017	95.45	133.80	NP	--	-38.35	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-9D	9/7/2017	--	--	--	--	--	--	< 50	--	< 0.50	< 0.50	< 0.50	< 1.0	< 0.50	< 1.0	< 150	< 10	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 51
MW-9D	2/13/2018	95.45	136.20	NP	--	-40.75	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-9D	2/14/2018	--	--	--	--	--	--	< 50	--	< 0.50	< 0.50	< 0.50	< 1.0	< 0.50	< 1.0	< 150	< 10	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 48
MW-9D	4/24/2018	95.45	129.48	NP	--	-34.03	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-9D	9/28/2018	95.45	127.23	NP	--	-31.78	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-9D	1/28/2019	95.45	125.24	NP	--	-29.79	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-9D	1/29/2019	95.45	--	--	--	--	NG	< 50	--	< 0.50	< 0.50	< 0.50	< 1.0	< 0.50	< 1.0	< 150	< 10	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 48
MW-9D	3/25/2019	95.45	125.01	NP	--	-29.56	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-9D	5/16/2019	95.45	124.50	NP	--	-29.05	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-9D	6/3/2019	95.45	124.00	NP	--	-28.55	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-9D	6/5/2019	--	--	--	--	--	--	< 50	--	< 0.50	< 0.50	< 0.50	< 1.0	< 0.50	< 1.0	< 150LQ	< 10LQ	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 48
MW-9D	8/26/2019	95.45	123.66	NP	--	-28.21	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-9D	11/4/2019	95.45	123.65	NP	--	-28.20	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-9D	1/20/2020	95.45	122.13	NP	--	-26.68	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-9D	1/22/2020	95.45	--	--	--	--	NG	< 50	--	< 0.50	< 0.50	< 0.50	< 1.0	< 0.50	< 1.0	< 150	< 10	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 48
MW-10	10/24/2011	103.29	59.00	NP	--	44.29	IW, VOL	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-10	3/23/2012	103.29	--	--	--	--	Dry	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-10	4/4/2012	103.29	--	--	--	--	Dry	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-10	7/25/2012	103.29	--	--	--	--	Dry	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-10	10/3/2012	103.29	--	--	--	--	Dry	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-10	1/14/2013	103.29	--	--	--	--	Dry	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-10	4/1/2013	103.29	--	--	--	--	Dry	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-10	7/25/2013	103.29	58.31	NP	--	44.98	IW, Stagnant water	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-10	10/29/2013	103.29	58.66	NP	--	44.63	IW, Stagnant water	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-10	1/21/2014	103.29	58.60	NP	--	44.69	IW, VOL	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-10	7/1/2014	103.29	57.68	NP	--	45.61	MD	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-10	7/2/2014	103.29	--	--	--	--	SV	< 1000	--	< 10	< 10	< 10	< 20	**11000**	--	--	**13000**	< 10	< 10	< 10	< 10	< 10	**1100**
MW-10	2/13/2015	103.29	58.61	NP	--	44.68	Stagnant water	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-10	9/14/2015	103.29	58.58	NP	--	44.71	IW, Stagnant water	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-10	2/8/2016	103.29	58.60	NP	--	44.69	Grab sample, MD	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-10	2/10/2016	103.29	--	--	--	--	NG, DNP	< 50	--	< 0.50	< 0.50	< 0.50	< 1.0	**3.1**	--	--	< 10	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	--
MW-10	7/25/2016	103.29	--	--	--	--	Dry	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-10	9/6/2017	103.29	--	--	--	--	Dry	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-10	2/13/2018	103.29	58.80	NP	--	44.49	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-10	4/24/2018	103.29	58.79	NP	--	44.50	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-10	9/28/2018	103.29	58.82	NP	--	44.47	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-10	1/28/2019	103.29	58.82	NP	--	44.47	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-10	5/16/2019	103.29	58.85	NP	--	44.44	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-10	11/4/2019	103.29	58.85	NP	--	44.44	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-10	1/20/2020	103.29	58.84	NP	--	44.45	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-11	10/24/2011	104.50	51.40	NP	--	53.10	IW, VOL	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-11	3/23/2012	104.50	--	--	--	--	Dry	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-11	4/4/2012	104.50	--	--	--	--	Dry	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-11	7/25/2012	104.50	--	--	--	--	Dry	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

TABLE 3
Historical Gauging and Analytical Data
ARCO Service Station No. 465
151 Southgate Avenue
Daly City, CA

Well I.D.	Date	GROUNDWATER ELEVATION DATA						GROUNDWATER ANALYTICAL DATA															
		TOC Elevation (ft)	Water Level Depth (ft)	LNAPL Depth (ft)	LNAPL Thickness (ft)	Water Level Elevation* (ft)	Qualifiers	GRO (ug/L)	DRO (ug/L)	Benzene (ug/L)	Toluene (ug/L)	Ethylbenzene (ug/L)	Xylene (Total) (ug/L)	MTBE (ug/L)	Naphthalene (ug/L)	Ethanol (ug/L)	TBA (ug/L)	DIPE (ug/L)	ETBE (ug/L)	TAME (ug/L)	1,2-DCA (ug/L)	EDB (ug/L)	Stoddard Solvent (ug/L)
MW-11	10/3/2012	104.50	--	--	--	--	Dry	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-11	1/14/2013	104.50	--	--	--	--	Dry	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-11	4/1/2013	104.50	50.40	NP	--	54.10	IW	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-11	7/25/2013	104.50	--	--	--	--	Dry	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-11	10/29/2013	104.50	--	--	--	--	Dry	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-11	1/21/2014	104.50	--	--	--	--	Dry	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-11	7/1/2014	104.50	--	--	--	--	Dry	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-11	2/9/2015	104.50	--	--	--	--	Dry	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-11	9/14/2015	104.50	--	--	--	--	Dry	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
								--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-11R	2/8/2016	104.89	64.65	NP	--	40.24	IW, VOL	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-11R	7/25/2016	104.89	64.55	NP	--	40.34	IW, VOL	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-11R	9/6/2017	104.89	64.67	NP	--	40.22	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-11R	2/13/2018	104.89	64.60	NP	--	40.29	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-11R	4/24/2018	104.89	64.60	NP	--	40.29	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-11R	9/28/2018	104.89	64.62	NP	--	40.27	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-11R	1/28/2019	104.89	64.61	NP	--	40.28	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-11R	5/16/2019	104.89	64.65	NP	--	40.24	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-11R	8/26/2019	104.89	64.69	NP	--	40.20	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-11R	11/4/2019	104.89	64.66	NP	--	40.23	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-11R	1/20/2020	104.89	64.44	NP	--	40.45	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
								--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-12	10/24/2011	100.15	56.31	NP	--	43.84	MD	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-12	10/25/2011	100.15	--	--	--	--	NG, DNP	< 50	--	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	--	< 300	< 10	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 50
MW-12	3/23/2012	100.15	56.00	NP	--	44.15	--	< 50	--	< 0.50	< 0.50	< 0.50	< 0.50	**0.96**	--	< 300	< 10	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 50
MW-12	4/4/2012	100.15	56.00	NP	--	44.15	--	< 50	--	< 0.50	< 0.50	< 0.50	< 0.50	**0.67**	--	< 300	< 10	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 50
MW-12	7/25/2012	100.15	56.23	NP	--	43.92	SV	< 50	--	< 0.50	< 0.50	< 0.50	< 1.0	< 0.50	--	< 150	< 10	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 47
MW-12	10/3/2012	100.15	--	--	--	--	Dry	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-12	1/14/2013	100.15	56.40	NP	--	43.75	SV	< 50	--	< 0.50	< 0.50	< 0.50	< 1.0	< 0.50	--	< 150	< 10	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 47
MW-12	4/1/2013	100.15	57.00	NP	--	43.15	IW	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-12	7/25/2013	100.15	56.47	NP	--	43.68	MD	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-12	7/26/2013	100.15	--	--	--	--	SV, DNP, Grab sample	< 50	--	< 0.50	< 0.50	< 0.50	< 1.0	< 0.50	--	< 150	< 10	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 47
MW-12	10/29/2013	100.15	56.63	NP	--	43.52	MD	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-12	10/30/2013	100.15	--	--	--	--	SV	< 50	--	< 0.50	< 0.50	< 0.50	< 1.0	< 0.50	--	< 150	< 10	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 47
MW-12	1/21/2014	100.15	56.69	NP	--	43.46	Grab sample, MD	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-12	1/22/2014	100.15	--	--	--	--	SV, DNP	< 50	--	< 0.50	< 0.50	< 0.50	< 1.0	< 0.50	--	--	< 10	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 47
MW-12	7/1/2014	100.15	57.33	NP	--	42.82	IW, Stagnant water	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-12	2/9/2015	100.15	57.42	NP	--	42.73	Stagnant water	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-12	9/14/2015	100.15	57.40	NP	--	42.75	IW, Stagnant water	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-12	2/8/2016	100.15	57.21	NP	--	42.94	IW, VOL	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-12	7/25/2016	100.15	56.34	NP	--	43.81	Grab sample, DNP	< 50	--	< 0.50	< 0.50	< 0.50	< 1.0	< 0.50	< 1.0	< 150	< 10	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 54
MW-12	9/6/2017	100.15	55.92	NP	--	44.23	--	< 50	--	< 0.50	< 0.50	< 0.50	< 1.0	< 0.50	< 1.0	< 150	< 10	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 95
MW-12	2/13/2018	100.15	55.60	NP	--	44.55	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-12	2/14/2018	--	--	--	--	--	--	< 50	--	< 0.50	< 0.50	< 0.50	< 1.0	< 0.50	< 1.0	< 150	< 10	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 49
MW-12	4/24/2018	100.15	55.56	NP	--	44.59	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

TABLE 3
Historical Gauging and Analytical Data
ARCO Service Station No. 465
151 Southgate Avenue
Daly City, CA

Well I.D.	Date	GROUNDWATER ELEVATION DATA						GROUNDWATER ANALYTICAL DATA														
		TOC Elevation (ft)	Water Level Depth (ft)	LNAPL Depth (ft)	LNAPL Thickness (ft)	Water Level Elevation* (ft)	Qualifiers	GRO (ug/L)	DRO (ug/L)	Benzene (ug/L)	Toluene (ug/L)	Ethylbenzene (ug/L)	Xylene (Total) (ug/L)	MTBE (ug/L)	Naphthalene (ug/L)	Ethanol (ug/L)	TBA (ug/L)	DIPE (ug/L)	ETBE (ug/L)	TAME (ug/L)	1,2-DCA (ug/L)	EDB (ug/L)	Stoddard Solvent (ug/L)
MW-12	9/28/2018	100.15	55.74	NP	--	44.41	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-12	1/28/2019	100.15	55.89	NP	--	44.26	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-12	1/30/2019	100.15	--	--	--	--	NG	< 50	--	< 0.50	< 0.50	< 0.50	< 1.0	< 0.50	< 1.0	< 150	< 10	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 48
MW-12	5/16/2019	100.15	55.55	NP	--	44.60	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-12	8/26/2019	100.15	56.19	NP	--	43.96	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-12	11/4/2019	100.15	56.30	NP	--	43.85	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-12	1/20/2020	100.15	56.08	NP	--	44.07	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-12	1/21/2020	100.15	--	--	--	--	NG	< 50	--	< 0.50	< 0.50	< 0.50	< 1.0	< 0.50	< 1.0	< 150	< 10	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 48
MW-13	2/9/2015	102.67	31.62	NP	--	71.05	Stagnant water	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-13	9/14/2015	102.68	30.60	NP	--	72.08	NSP	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-13	2/8/2016	102.68	--	--	--	--	Dry	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-13	7/25/2016	102.68	--	--	--	--	Dry	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-13	9/6/2017	102.68	--	--	--	--	Dry	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-13	2/13/2018	102.68	--	--	--	--	Dry	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-13	4/24/2018	102.68	32.02	NP	--	70.66	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-13	9/28/2018	102.68	32.02	NP	--	70.66	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-13	1/28/2019	102.68	--	--	--	--	Dry	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-13	5/16/2019	102.68	32.05	NP	--	70.63	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-13	8/26/2019	102.68	--	--	--	--	Dry	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-13	11/4/2019	102.68	32.04	NP	--	70.64	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-13	1/20/2020	102.68	--	--	--	--	Dry	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-14	2/9/2015	102.99	--	--	--	--	Dry	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-14	9/14/2015	102.99	57.75	NP	--	45.24	IW, Stagnant water	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-14	2/8/2016	102.99	--	--	--	--	Dry	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-14	7/25/2016	102.99	57.66	NP	--	45.33	IW, VOL	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-14	9/6/2017	102.99	--	--	--	--	Dry	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-14	2/13/2018	102.99	57.55	NP	--	45.44	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-14	4/24/2018	102.99	--	--	--	--	Dry	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-14	9/28/2018	102.99	57.63	NP	--	45.36	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-14	1/28/2019	102.99	57.66	NP	--	45.33	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-14	5/16/2019	102.99	57.80	NP	--	45.19	Dry	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-14	8/26/2019	102.99	--	--	--	--	Dry	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-14	11/4/2019	102.99	--	--	--	--	Dry	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-14	1/20/2020	102.99	--	--	--	--	Dry	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
								--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-15	2/9/2015	105.23	--	--	--	--	Dry	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-15	9/14/2015	105.23	--	--	--	--	Dry	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-15	2/8/2016	105.23	--	--	--	--	Dry	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-15	7/25/2016	105.23	--	--	--	--	Dry	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-15	9/28/2018	105.23	58.53	NP	--	46.70	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-15	8/28/2019	105.23	58.55	NP	--	46.68	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-15	11/4/2019	105.23	58.58	NP	--	46.65	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-15	1/20/2020	105.23	58.66	NP	--	46.57	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
								--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-16	2/9/2015	106.79	59.43	NP	--	47.36	MD	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-16	2/12/2015	106.79	59.15	NP	--	47.64	MD, SU	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-16	2/13/2015	106.79	--	--	--	--	MD, SU	< 50	--	< 0.50	< 0.50	< 0.50	< 1.0	< 0.50	--	--	**11**	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	--

TABLE 3
Historical Gauging and Analytical Data
ARCO Service Station No. 465
151 Southgate Avenue
Daly City, CA

Well I.D.	Date	GROUNDWATER ELEVATION DATA						GROUNDWATER ANALYTICAL DATA														
		TOC Elevation (ft)	Water Level Depth (ft)	LNAPL Depth (ft)	LNAPL Thickness (ft)	Water Level Elevation* (ft)	Qualifiers	GRO (ug/L)	DRO (ug/L)	Benzene (ug/L)	Toluene (ug/L)	Ethylbenzene (ug/L)	Xylene (Total) (ug/L)	MTBE (ug/L)	Naphthalene (ug/L)	Ethanol (ug/L)	TBA (ug/L)	DIPE (ug/L)	ETBE (ug/L)	TAME (ug/L)	1,2-DCA (ug/L)	EDB (ug/L)	Stoddard Solvent (ug/L)
MW-16	9/14/2015	106.79	61.00	NP	--	45.79	Grab sample, DNP	< 50	--	< 0.50	< 0.50	< 0.50	< 1.0	**2.8**	--	< 150	< 10	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 47
MW-16	2/8/2016	106.79	61.67	NP	--	45.12	IW, VOL	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-16	7/25/2016	106.79	61.60	NP	--	45.19	IW, VOL	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-16	9/6/2017	106.79	49.52	NP	--	57.27	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-16	9/7/2017	--	--	--	--	--	--	< 50	--	< 0.50	< 0.50	< 0.50	< 1.0	**8.5**	< 1.0	< 150	< 10	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 50
MW-16	2/13/2018	106.79	48.60	NP	--	58.19	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-16	2/14/2018	--	--	--	--	--	--	< 50	--	< 0.50	< 0.50	< 0.50	< 1.0	< 0.50	< 1.0	< 150	< 10	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 47
MW-16	4/24/2018	106.79	48.94	NP	--	57.85	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-16	9/28/2018	106.79	49.30	NP	--	57.49	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-16	1/28/2019	106.79	49.53	NP	--	57.26	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-16	1/30/2019	106.79	--	--	--	--	NG	< 50	--	< 0.50	< 0.50	< 0.50	< 1.0	< 0.50	< 1.0	< 150	< 10	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 48
MW-16	8/28/2019	106.79	49.04	NP	--	57.75	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-16	11/4/2019	106.79	49.07	NP	--	57.72	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-16	1/20/2020	106.79	49.00	NP	--	57.79	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-16	1/23/2020	106.79	--	--	--	--	NG	< 50	--	< 0.50	< 0.50	< 0.50	< 1.0	< 0.50	< 1.0	< 150	< 10	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 48
MW-16D	7/10/2010	--	136.25	NP	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-16D	8/26/2018	--	135.52	NP	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-16D	3/15/2019	--	137.29	NP	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-16D	3/25/2019	108.16	137.43	NP	--	-29.27	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-16D	4/4/2019	108.16	136.68	NP	--	-28.52	--	< 50	--	< 0.50	< 0.50	< 0.50	< 1.0	< 0.50	< 1.0	< 150	< 10	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 48
MW-16D	5/16/2019	108.16	137.02	NP	--	-28.86	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-16D	5/31/2019	108.16	136.70	NP	--	-28.54	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-16D	6/3/2019	108.16	136.39	NP	--	-28.23	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-16D	6/18/2019	108.16	--	--	--	--	NG	< 50	--	< 0.50	< 0.50	< 0.50	< 1.0	< 0.50	< 1.0	< 150LQ	< 10	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 48
MW-16D	7/9/2019	108.16	136.18	NP	--	-28.02	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-16D	7/11/2019	108.16	136.24	NP	--	-28.08	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-16D	8/6/2019	108.16	135.98	NP	--	-27.82	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-16D	8/7/2019	108.16	135.99	NP	--	-27.83	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-16D	8/8/2019	108.16	136.00	NP	--	-27.84	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-16D	8/26/2019	108.16	135.52	NP	--	-27.36	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-16D	8/27/2019	108.16	--	--	--	--	NG	< 50	--	< 0.50	< 0.50	< 0.50	< 1.0	< 0.50	< 1.0	< 150	< 10	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 48
MW-16D	11/4/2019	108.16	135.96	NP	--	-27.80	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-16D	11/5/2019	108.16	--	--	--	--	NG	< 50	--	< 0.50	< 0.50	< 0.50	< 1.0	< 0.50	< 1.0	< 150	< 10	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 47
MW-16D	1/20/2020	108.16	134.61	NP	--	-26.45	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-16D	1/21/2020	108.16	--	--	--	--	NG	< 50LR	--	< 0.50	< 0.50	< 0.50	< 1.0	< 0.50	< 1.0	< 150	< 10	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 48
MW-17	2/9/2015	98.91	54.82	NP	--	44.09	MD	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-17	2/12/2015	--	--	--	--	--	--	< 50	--	< 0.50	< 0.50	< 0.50	< 1.0	< 0.50	--	--	< 10	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 51
MW-17	9/14/2015	98.91	54.92	NP	--	43.99	MD	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-17	9/16/2015	--	--	--	--	--	--	< 50	--	< 0.50	< 0.50	< 0.50	< 1.0	< 0.50	--	< 150	< 10	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 47
MW-17	2/8/2016	98.91	54.36	NP	--	44.55	IW, VOL	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-17	7/25/2016	98.91	53.96	NP	--	44.95	MD	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-17	7/26/2016	--	--	--	--	--	--	< 50	--	< 0.50	< 0.50	< 0.50	< 1.0	< 0.50	< 1.0	< 150	< 10	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 49
MW-17	9/6/2017	98.91	53.47	NP	--	45.44	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-17	9/7/2017	--	--	--	--	--	--	< 50	--	< 0.50	< 0.50	< 0.50	< 1.0	< 0.50	< 1.0	< 150	< 10	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 49
MW-17	2/13/2018	98.91	53.10	NP	--	45.81	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-17	2/14/2018	--	--	--	--	--	--	< 50	--	< 0.50	< 0.50	< 0.50	< 1.0	< 0.50	< 1.0	< 150	< 10	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 48
MW-17	4/24/2018	98.91	53.11	NP	--	45.80	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-17	9/28/2018	98.91	53.34	NP	--	45.57	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-17	1/28/2019	98.91	53.51	NP	--	45.40	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

TABLE 3
Historical Gauging and Analytical Data
ARCO Service Station No. 465
151 Southgate Avenue
Daly City, CA

Well I.D.	Date	GROUNDWATER ELEVATION DATA						GROUNDWATER ANALYTICAL DATA														
		TOC Elevation (ft)	Water Level Depth (ft)	LNAPL Depth (ft)	LNAPL Thickness (ft)	Water Level Elevation* (ft)	Qualifiers	GRO (ug/L)	DRO (ug/L)	Benzene (ug/L)	Toluene (ug/L)	Ethylbenzene (ug/L)	Xylene (Total) (ug/L)	MTBE (ug/L)	Naphthalene (ug/L)	Ethanol (ug/L)	TBA (ug/L)	DIPE (ug/L)	ETBE (ug/L)	TAME (ug/L)	1,2-DCA (ug/L)	EDB (ug/L)	Stoddard Solvent (ug/L)
MW-17	1/30/2019	98.91	--	--	--	--	NG	< 50	--	< 0.50	< 0.50	< 0.50	< 1.0	< 0.50	< 1.0	< 150	< 10	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 48
MW-17	5/16/2019	98.91	53.80	NP	--	45.11	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-17	8/26/2019	98.91	53.79	NP	--	45.12	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-17	11/4/2019	98.91	53.80	NP	--	45.11	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-17	1/20/2020	98.91	53.72	NP	--	45.19	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-18	12/2/2015	111.44	61.85	NP	--	49.59	Grab sample, MD	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-18	12/3/2015	--	--	--	--	--	--	< 50	--	< 0.50	< 0.50	< 0.50	< 1.0	< 0.50	--	< 150	< 10	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	**120**
MW-18	2/8/2016	111.44	62.15	NP	--	49.29	Grab sample, MD	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-18	2/11/2016	111.44	--	--	--	--	NG, DNP	< 50	--	< 0.50	< 0.50	< 0.50	< 1.0	< 0.50	--	--	< 10	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 50
MW-18	7/25/2016	111.44	62.43	NP	--	49.01	DNP	< 50	--	< 0.50	< 0.50	< 0.50	< 1.0	< 0.50	< 1.0	< 150	< 10	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 47
MW-18	9/6/2017	111.44	51.96	NP	--	59.48	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-18	9/7/2017	--	--	--	--	--	--	< 50	--	< 0.50	< 0.50	< 0.50	< 1.0	< 0.50	< 1.0	< 150	< 10	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 52
MW-18	2/13/2018	111.44	53.10	NP	--	58.34	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-18	2/15/2018	--	--	--	--	--	--	< 50	--	< 0.50	< 0.50	< 0.50	< 1.0	< 0.50	< 1.0	< 150	< 10	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 48
MW-18	4/24/2018	111.44	51.67	NP	--	59.77	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-18	9/28/2018	111.44	52.02	NP	--	59.42	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-18	1/28/2019	111.44	52.19	NP	--	59.25	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-18	1/31/2019	111.44	--	--	--	--	NG	< 50	--	< 0.50	< 0.50	< 0.50	< 1.0	< 0.50	< 1.0	< 150	< 10	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 48
MW-18	5/16/2019	111.44	52.31	NP	--	59.13	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-18	8/26/2019	111.44	51.61	NP	--	59.83	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-18	11/4/2019	111.44	51.10	NP	--	60.34	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-18	1/20/2020	111.44	51.66	NP	--	59.78	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-18	1/22/2020	111.44	--	--	--	--	NG	< 50LR	--	< 0.50	< 0.50	< 0.50	< 1.0	< 0.50	< 1.0	< 150	< 10	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 48
MW-18D	3/14/2019	--	140.55	NP	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-18D	3/25/2019	111.38	140.58	NP	--	-29.20	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-18D	4/4/2019	111.38	139.80	NP	--	-28.42	--	< 50	--	< 0.50	< 0.50	< 0.50	< 1.0	< 0.50	< 1.0	< 150	< 10	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 48
MW-18D	5/16/2019	111.38	140.13	NP	--	-28.75	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-18D	5/31/2019	111.38	139.86	NP	--	-28.48	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-18D	6/3/2019	111.38	139.57	NP	--	-28.19	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-18D	6/6/2019	111.38	--	--	--	--	NG	< 50	--	< 0.50	< 0.50	< 0.50	< 1.0	< 0.50	< 1.0	< 150LQ	< 10LQ	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 47
MW-18D	7/9/2019	111.38	139.42	NP	--	-28.04	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-18D	7/10/2019	111.38	139.47	NP	--	-28.09	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-18D	7/11/2019	111.38	139.48	NP	--	-28.10	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-18D	8/6/2019	111.38	139.22	NP	--	-27.84	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-18D	8/7/2019	111.38	139.21	NP	--	-27.83	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-18D	8/8/2019	111.38	139.24	NP	--	-27.86	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-18D	8/26/2019	111.38	139.15	NP	--	-27.77	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-18D	8/28/2019	111.38	--	--	--	--	NG	< 50	--	< 0.50	< 0.50	< 0.50	< 1.0	< 0.50	**1.2**	< 150	< 10	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 48
MW-18D	11/4/2019	111.38	139.21	NP	--	-27.83	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-18D	11/5/2019	111.38	--	--	--	--	NG	< 50	--	< 0.50	< 0.50	< 0.50	< 1.0	< 0.50	< 1.0	< 150	< 10	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 48
MW-18D	1/20/2020	111.38	137.97	NP	--	-26.59	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-18D	1/22/2020	111.38	--	--	--	--	NG	< 50	--	< 0.50	< 0.50	< 0.50	< 1.0	< 0.50	< 1.0	< 150	< 10	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 48
MW-19	5/20/2016	104.36	52.29	NP	--	52.07	Well development	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-19	7/25/2016	104.36	54.44	NP	--	49.92	--	< 50	--	< 0.50	< 0.50	< 0.50	< 1.0	**0.51**	< 1.0	< 150	< 10	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 47
MW-19	9/6/2017	104.36	50.21	NP	--	54.15	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-19	9/7/2017	--	--	--	--	--	--	< 50	--	< 0.50	< 0.50	< 0.50	< 1.0	< 0.50	< 1.0	< 150	< 10	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 48
MW-19	2/13/2018	104.36	48.64	NP	--	55.72	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

TABLE 3
Historical Gauging and Analytical Data
ARCO Service Station No. 465
151 Southgate Avenue
Daly City, CA

Well I.D.	Date	GROUNDWATER ELEVATION DATA						GROUNDWATER ANALYTICAL DATA														
		TOC Elevation (ft)	Water Level Depth (ft)	LNAPL Depth (ft)	LNAPL Thickness (ft)	Water Level Elevation* (ft)	Qualifiers	GRO (ug/L)	DRO (ug/L)	Benzene (ug/L)	Toluene (ug/L)	Ethylbenzene (ug/L)	Xylene (Total) (ug/L)	MTBE (ug/L)	Naphthalene (ug/L)	Ethanol (ug/L)	TBA (ug/L)	DIPE (ug/L)	ETBE (ug/L)	TAME (ug/L)	1,2-DCA (ug/L)	EDB (ug/L)	Stoddard Solvent (ug/L)
MW-19	2/15/2018	--	--	--	--	--	--	< 50	--	< 0.50	< 0.50	< 0.50	< 1.0	< 0.50	< 1.0	< 150	< 10	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 52
MW-19	4/24/2018	104.36	48.67	NP	--	55.69	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-19	9/28/2018	104.36	48.80	NP	--	55.56	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-19	1/28/2019	104.36	49.08	NP	--	55.28	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-19	1/30/2019	104.36	--	--	--	--	NG	< 50	--	< 0.50	< 0.50	< 0.50	< 1.0	< 0.50	< 1.0	< 150	< 10	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 48
MW-19	5/16/2019	104.36	49.43	NP	--	54.93	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-19	8/26/2019	104.36	48.76	NP	--	55.60	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-19	11/4/2019	104.36	48.79	NP	--	55.57	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-19	1/20/2020	104.36	56.70	NP	--	47.66	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-19	1/24/2020	104.36	--	--	--	--	NG	< 50	--	< 0.50	< 0.50	< 0.50	< 1.0	< 0.50	< 1.0	< 150	< 10	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 47
MW-19D	3/14/2019	--	135.25	NP	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-19D	3/25/2019	105.36	--	--	--	--	NG	< 50	--	< 0.50	< 0.50	< 0.50	< 1.0	**24**	< 1.0	< 150	< 10	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 48
MW-19D	3/25/2019	105.36	134.82	NP	--	-29.46	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-19D	4/4/2019	105.36	--	--	--	--	NG	< 50	--	< 0.50	< 0.50	< 0.50	< 1.0	**57**	< 1.0	< 150	< 10	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 48
MW-19D	4/4/2019	105.36	134.04	NP	--	-28.68	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-19D	5/16/2019	105.36	134.40	NP	--	-29.04	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-19D	5/30/2019	105.36	134.18	NP	--	-28.82	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-19D	6/3/2019	105.36	133.75	NP	--	-28.39	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-19D	6/7/2019	105.36	--	--	--	--	NG	< 50	--	< 0.50	< 0.50	< 0.50	< 1.0	**4.1**	< 1.0	< 150LQ	< 10LQ	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 48
MW-19D	7/9/2019	105.36	133.52	NP	--	-28.16	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-19D	7/10/2019	105.36	133.63	NP	--	-28.27	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-19D	7/11/2019	105.36	133.30	NP	--	-27.94	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-19D	8/6/2019	105.36	133.34	NP	--	-27.98	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-19D	8/7/2019	105.36	133.37	NP	--	-28.01	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-19D	8/8/2019	105.36	133.40	NP	--	-28.04	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-19D	8/26/2019	105.36	133.30	NP	--	-27.94	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-19D	8/28/2019	105.36	--	--	--	--	NG	< 50	--	< 0.50	< 0.50	< 0.50	< 1.0	< 0.50	< 1.0	< 150	< 10	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 47
MW-19D	11/4/2019	105.36	133.36	NP	--	-28.00	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-19D	11/6/2019	105.36	--	--	--	--	NG	< 50	--	< 0.50	< 0.50	< 0.50	< 1.0	< 0.50	< 1.0	< 150	< 10	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 48
MW-19D	1/20/2020	105.36	139.97	NP	--	-34.61	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-19D	1/24/2020	105.36	--	--	--	--	NG	< 50	--	< 0.50	< 0.50	< 0.50	< 1.0	< 0.50	< 1.0	< 150	< 10	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 47
MW-19D	3/10/2020	105.36	131.43	NP	--	-26.07	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
V-1	7/1/2014	101.61	28.75	NP	--	72.86	IW, Stagnant water	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
V-1	2/9/2015	101.61	--	--	--	--	Dry	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
V-1	2/8/2016	101.61	--	--	--	--	Dry	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
V-1	2/13/2018	101.61	29.05	NP	--	72.56	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
V-1	4/24/2018	101.61	--	--	--	--	Dry	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
V-1	9/28/2018	101.61	29.12	NP	--	72.49	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
V-1	1/28/2019	101.61	--	--	--	--	Dry	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
V-1	5/16/2019	101.61	--	--	--	--	Dry	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
V-1	8/26/2019	101.61	--	--	--	--	Dry	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
V-1	11/4/2019	101.61	--	--	--	--	Dry	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
V-1	1/20/2020	101.61	--	--	--	--	Dry	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
								--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
V-2	7/1/2014	99.22	--	--	--	--	Dry	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
V-2	2/9/2015	99.22	--	--	--	--	Dry	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
V-2	2/8/2016	99.22	--	--	--	--	Dry	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
V-2	2/13/2018	99.22	29.02	NP	--	70.20	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
V-2	4/24/2018	99.22	--	--	--	--	Dry	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

TABLE 3
Historical Gauging and Analytical Data
ARCO Service Station No. 465
151 Southgate Avenue
Daly City, CA

Well I.D.	Date	GROUNDWATER ELEVATION DATA						GROUNDWATER ANALYTICAL DATA															
		TOC Elevation (ft)	Water Level Depth (ft)	LNAPL Depth (ft)	LNAPL Thickness (ft)	Water Level Elevation* (ft)	Qualifiers	GRO (ug/L)	DRO (ug/L)	Benzene (ug/L)	Toluene (ug/L)	Ethylbenzene (ug/L)	Xylene (Total) (ug/L)	MTBE (ug/L)	Naphthalene (ug/L)	Ethanol (ug/L)	TBA (ug/L)	DIPE (ug/L)	ETBE (ug/L)	TAME (ug/L)	1,2-DCA (ug/L)	EDB (ug/L)	Stoddard Solvent (ug/L)
V-2	9/28/2018	99.22	--	--	--	--	Dry	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
V-2	1/28/2019	99.22	--	--	--	--	Dry	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
V-2	5/16/2019	99.22	--	--	--	--	Dry	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
V-2	8/26/2019	99.22	--	--	--	--	Dry	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
V-2	11/4/2019	99.22	--	--	--	--	Dry	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
V-2	1/20/2020	99.22	--	--	--	--	Dry	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
								--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
V-3	8/29/2000	--	--	--	--	--	WD, Destroyed 8/29/00	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
								--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
V-4	11/13/2006	--	33.40	NP	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
V-4	4/23/2010	103.16	33.92	NP	--	69.24	--	**34000**	--	**1900**	**1600**	**320**	**7100**	**360000**	--	< 120000	**550000**	< 200	< 200	**390**	< 200	< 200	--
V-4	1/14/2013	102.84	--	--	--	--	WI, Obstruction @ 34 ft	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
V-4	4/1/2013	102.84	26.70	NP	--	76.14	MD	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
V-4	4/2/2013	102.84	--	--	--	--	SV	**31000**	--	< 50	**52**	< 50	**5900**	**14000**	--	--	**19000**	< 50	< 50	< 50	< 50	< 50	**12000**
V-4	7/25/2013	102.84	31.36	NP	--	71.48	MD	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
V-4	7/26/2013	102.84	--	--	--	--	SV	**4400**	--	< 5.0	**17**	**7.2**	**430**	**400**	--	< 1500	**38000**	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	**8000**
V-4	10/29/2013	102.84	37.07	NP	--	65.77	IW, Stagnant water	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
V-4	1/21/2014	102.84	33.90	NP	--	68.94	IW, VOL	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
V-4	7/1/2014	102.84	31.05	NP	--	71.79	MD	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
V-4	7/2/2014	102.84	--	--	--	--	SV	**400**	--	< 5.0	< 5.0	< 5.0	< 10	< 5.0	--	--	**7900**	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	**2700**
V-4	2/9/2015	102.84	34.00	NP	--	68.84	Stagnant water	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
V-4	9/14/2015	102.84	--	--	--	--	Dry	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
V-4	7/25/2016	102.84	35.15	NP	--	67.69	IW, VOL	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
V-4	9/6/2017	102.84	--	--	--	--	Dry	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
V-4	2/13/2018	102.84	34.15	NP	--	68.69	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
V-4	4/24/2018	102.84	34.07	NP	--	68.77	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
V-4	9/28/2018	102.84	34.11	NP	--	68.73	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
V-4	1/28/2019	102.84	34.02	NP	--	68.82	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
V-4	5/16/2019	102.84	34.15	NP	--	68.69	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
V-4	8/26/2019	102.84	--	--	--	--	Dry	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
V-4	11/4/2019	102.84	--	--	--	--	Dry	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
V-4	1/20/2020	102.84	34.15	NP	--	68.69	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
V-5	7/1/2014	102.77	33.75	NP	--	69.02	IW, Stagnant water	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
V-5	2/9/2015	102.77	33.48	NP	--	69.29	Stagnant water	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
V-5	2/8/2016	102.77	33.31	NP	--	69.46	Grab sample, MD	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
V-5	2/11/2016	102.77	--	--	--	--	NG, DNP	**82000**	--	< 20	**41**	**49**	**2100**	< 20	--	--	< 400	< 20	< 20	< 20	< 20	< 20	--
V-5	4/24/2018	102.77	33.31	NP	--	69.46	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
V-5	9/28/2018	102.77	33.35	NP	--	69.42	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
V-5	1/28/2019	102.77	33.27	NP	--	69.50	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
V-5	5/16/2019	102.77	33.30	NP	--	69.47	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
V-5	8/26/2019	102.77	33.31	NP	--	69.46	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
V-5	11/4/2019	102.77	33.36	NP	--	69.41	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

TABLE 3
Historical Gauging and Analytical Data
ARCO Service Station No. 465
151 Southgate Avenue
Daly City, CA

Well I.D.	Date	GROUNDWATER ELEVATION DATA						GROUNDWATER ANALYTICAL DATA															
		TOC Elevation (ft)	Water Level Depth (ft)	LNAPL Depth (ft)	LNAPL Thickness (ft)	Water Level Elevation* (ft)	Qualifiers	GRO (ug/L)	DRO (ug/L)	Benzene (ug/L)	Toluene (ug/L)	Ethylbenzene (ug/L)	Xylene (Total) (ug/L)	MTBE (ug/L)	Naphthalene (ug/L)	Ethanol (ug/L)	TBA (ug/L)	DIPE (ug/L)	ETBE (ug/L)	TAME (ug/L)	1,2-DCA (ug/L)	EDB (ug/L)	Stoddard Solvent (ug/L)
V-5	1/20/2020	102.77	33.36	NP	--	69.41	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
V-6	7/1/2014	102.18	56.58	NP	--	45.60	NG, Unable to get water out of well	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
V-6	2/12/2015	102.18	56.52	NP	--	45.66	IW, Insufficient volume	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
V-6	2/8/2016	102.18	56.40	NP	--	45.78	Grab sample, MD	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
V-6	2/11/2016	102.18	--	--	--	--	NG, DNP	< 50	--	< 0.50	< 0.50	< 0.50	< 1.0	**0.56**	--	--	< 10	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	--
V-6	2/13/2018	102.18	56.40	NP	--	45.78	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
V-6	4/24/2018	102.18	56.38	NP	--	45.80	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
V-6	9/28/2018	102.18	56.46	NP	--	45.72	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
V-6	1/28/2019	102.18	56.38	NP	--	45.80	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
V-6	5/16/2019	102.18	56.40	NP	--	45.78	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
V-6	8/26/2019	102.18	56.48	NP	--	45.70	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
V-6	11/4/2019	102.18	56.45	NP	--	45.73	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
V-6	1/20/2020	102.18	56.44	NP	--	45.74	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
V-7	7/1/2014	102.30	41.60	NP	--	60.70	IW, Stagnant water	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
V-7	2/9/2015	102.30	41.70	NP	--	60.60	Stagnant water	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
V-7	2/8/2016	102.30	41.63	NP	--	60.67	IW, VOL	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
V-7	2/13/2018	102.30	41.58	NP	--	60.72	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
V-7	4/24/2018	102.30	41.60	NP	--	60.70	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
V-7	9/28/2018	102.30	41.60	NP	--	60.70	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
V-7	1/28/2019	102.30	41.57	NP	--	60.73	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
V-7	8/28/2019	102.30	41.60	NP	--	60.70	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
V-7	11/4/2019	102.30	41.64	NP	--	60.66	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
V-7	1/20/2020	102.30	41.81	NP	--	60.49	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
								--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
V-8	9/21/2000	--	56.00	NP	--	--	DNP, j, p	77 N	--	**0.616**	**0.93**	< 0.50	**9.69**	**56.1**	--	--	--	--	--	--	--	--	--
V-8	3/18/2002	--	56.66	NP	--	--	DNP	< 50	--	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	--	--	--	--	--	--	--	--	--
V-8	5/6/2003	--	56.42	NP	--	--	g	< 50	--	< 0.50	< 0.50	< 0.50	< 0.50	**1.1**	--	< 100	< 20	< 0.50	< 0.50	< 0.50	--	--	< 48
V-8	7/22/2003	--	56.41	NP	--	--	g	< 50	--	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	--	< 100	< 20	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 52
V-8	10/21/2003	--	56.47	NP	--	--	--	< 50	**110**	< 0.50	< 0.50	< 0.50	< 0.50	**0.50**	--	< 100	< 20	< 0.50	< 0.50	< 0.50	--	--	< 50
V-8	2/3/2004	--	56.40	NP	--	--	--	< 50	--	< 0.50	< 0.50	< 0.50	< 0.50	**0.70**	--	< 100	< 20	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 49
V-8	4/14/2004	--	56.44	NP	--	--	--	< 50	--	< 0.50	< 0.50	< 0.50	< 0.50	**1.3**	--	< 100	< 20	< 1.0	< 1.0	< 1.0	< 0.50	< 0.50	< 47
V-8	7/20/2004	--	56.30	NP	--	--	--	< 50	--	< 0.50	< 0.50	< 0.50	< 0.50	**3.4**	--	< 100	< 20	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 50
V-8	10/29/2004	--	56.27	NP	--	--	--	< 50	**100**	< 0.50	< 0.50	< 0.50	< 0.50	**24**	--	< 100	< 20	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 48
V-8	1/11/2005	--	56.25	NP	--	--	--	< 250	--	< 2.5	< 2.5	< 2.5	< 2.5	**51**	--	< 500	< 100	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5	< 50
V-8	5/3/2005	--	56.15	NP	--	--	--	**62**	--	< 0.50	< 0.50	< 0.50	< 0.50	**67**	--	< 100	< 20	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 50
V-8	8/3/2005	--	56.02	NP	--	--	--	< 2500	--	< 25	< 25	< 25	< 25	**90**	--	< 5000	< 1000	< 25	< 25	< 25	< 25	< 25	< 50
V-8	10/28/2005	--	55.85	NP	--	--	--	< 100	--	< 1.0	< 1.0	< 1.0	< 1.0	**110**	--	< 200	< 40	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 47
V-8	1/11/2006	--	55.85	NP	--	--	--	< 250	--	< 2.5	< 2.5	< 2.5	< 2.5	**230**	--	< 1500	< 100	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5	< 48
V-8	4/17/2006	--	54.83	NP	--	--	--	< 500	--	< 5.0	< 5.0	< 5.0	< 5.0	**340**	--	< 3000	< 200	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 48
V-8	7/18/2006	--	55.74	NP	--	--	--	**930**	--	< 10	< 10	< 10	< 10	**1000**	--	< 6000	< 400	< 10	< 10	< 10	< 10	< 10	< 47
V-8	11/13/2006	--	55.70	NP	--	--	--	**350**	--	< 5.0	< 5.0	< 5.0	< 5.0	**1100**	--	< 3000	< 200	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 47
V-8	1/12/2007	--	55.71	NP	--	--	--	**640**	--	< 5.0	< 5.0	< 5.0	< 5.0	**1000**	--	< 3000	< 200	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 47
V-8	4/16/2007	--	55.69	NP	--	--	Past hold time (SS)	440 N	--	< 5.0	< 5.0	< 5.0	< 5.0	**730**	--	< 3000	< 200	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 47
V-8	7/6/2007	--	55.85	NP	--	--	--	690 N	--	< 2.5	< 2.5	< 2.5	< 2.5	**930**	--	< 1500	< 100	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5	< 47

TABLE 3
Historical Gauging and Analytical Data
ARCO Service Station No. 465
151 Southgate Avenue
Daly City, CA

Well I.D.	Date	GROUNDWATER ELEVATION DATA						GROUNDWATER ANALYTICAL DATA															
		TOC Elevation (ft)	Water Level Depth (ft)	LNAPL Depth (ft)	LNAPL Thickness (ft)	Water Level Elevation* (ft)	Qualifiers	GRO (ug/L)	DRO (ug/L)	Benzene (ug/L)	Toluene (ug/L)	Ethylbenzene (ug/L)	Xylene (Total) (ug/L)	MTBE (ug/L)	Naphthalene (ug/L)	Ethanol (ug/L)	TBA (ug/L)	DIPE (ug/L)	ETBE (ug/L)	TAME (ug/L)	1,2-DCA (ug/L)	EDB (ug/L)	Stoddard Solvent (ug/L)
V-8	10/4/2007	--	56.03	NP	--	--	--	350 N	--	< 2.5	< 2.5	< 2.5	< 2.5	**610**	--	< 1500	< 100	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5	< 47
V-8	1/21/2008	--	56.16	NP	--	--	--	< 500	--	< 5.0	< 5.0	< 5.0	< 5.0	**240**	--	< 3000	< 200	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 49
V-8	4/17/2008	--	56.28	NP	--	--	--	< 50	--	< 0.50	< 0.50	< 0.50	**0.55**	**160**	--	< 300	**11**	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 50
V-8	7/10/2008	--	56.28	NP	--	--	--	< 50	--	< 2.5	< 2.5	< 2.5	< 2.5	**190**	--	< 1500	< 50	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5	**63**
V-8	10/16/2008	101.34	56.30	NP	--	45.04	--	< 50	--	< 5.0	< 5.0	< 5.0	< 5.0	**210**	--	< 3000	< 100	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 50
V-8	1/22/2009	101.34	56.37	NP	--	44.97	--	< 50	--	< 5.0	< 5.0	< 5.0	< 5.0	**120**	--	< 3000	< 100	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 50
V-8	4/22/2009	101.34	56.44	NP	--	44.90	--	< 50	--	< 1.0	< 1.0	< 1.0	< 1.0	**57**	--	< 600	< 20	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 50
V-8	7/27/2009	101.34	56.59	NP	--	44.75	--	84 N	--	< 1.0	< 1.0	< 1.0	< 1.0	**79**	--	< 600	< 20	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 50
V-8	10/30/2009	101.34	57.61	NP	--	43.73	--	< 50	--	< 1.0	< 1.0	< 1.0	< 1.0	**48**	--	< 600	< 20	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 50
V-8	4/23/2010	101.34	56.68	NP	--	44.66	--	< 50	--	< 0.50	< 0.50	< 0.50	< 0.50	**9.9**	--	< 300	< 10	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	--
V-8	10/28/2010	101.34	56.52	NP	--	44.82	--	< 50	--	< 0.50	< 0.50	< 0.50	< 0.50	**16**	--	< 300	< 10	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 50
V-8	4/11/2011	101.34	56.57	NP	--	44.77	--	< 50	--	< 1.0	< 1.0	< 1.0	< 1.0	**6.4**	--	< 600	< 20	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 50
V-8	10/24/2011	101.30	56.30	NP	--	45.00	--	< 50	--	< 1.0	< 1.0	< 1.0	< 1.0	**5.6**	--	< 600	< 20	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 50
V-8	4/4/2012	101.30	56.25	NP	--	45.05	--	< 50	--	< 0.50	< 0.50	< 0.50	< 0.50	**2.0**	--	< 300	< 10	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 50
V-8	7/25/2012	101.30	56.50	NP	--	44.80	SV	< 50	--	< 0.50	< 0.50	< 0.50	< 1.0	**3.8**	--	< 150	< 10	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 47
V-8	10/3/2012	101.30	56.59	NP	--	44.71	MD	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
V-8	10/4/2012	101.30	--	--	--	--	SV	< 50	--	< 0.50	< 0.50	< 0.50	< 1.0	**24**	--	< 150	< 10	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 48
V-8	1/14/2013	101.30	56.70	NP	--	44.60	SV	< 50	--	< 0.50	< 0.50	< 0.50	< 1.0	**21**	--	< 150	< 10	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 48
V-8	4/1/2013	101.30	56.70	NP	--	44.60	MD	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
V-8	4/2/2013	101.30	--	--	--	--	SV	< 50	--	< 0.50	< 0.50	< 0.50	< 1.0	**11**	--	--	< 10	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 56
V-8	7/25/2013	101.30	56.79	NP	--	44.51	MD	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
V-8	7/26/2013	101.30	--	--	--	--	SV	< 50	--	< 0.50	< 0.50	< 0.50	< 1.0	**15**	--	< 150	< 10	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 47
V-8	10/29/2013	101.30	56.83	NP	--	44.47	SV	< 50	--	< 0.50	< 0.50	< 0.50	< 1.0	**40**	--	< 150	< 10	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 47
V-8	1/21/2014	101.30	56.73	NP	--	44.57	MD	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
V-8	1/22/2014	101.30	--	--	--	--	SV	< 50	--	< 0.50	< 0.50	< 0.50	< 1.0	**20**	--	--	< 10	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 48
V-8	7/1/2014	101.30	56.13	NP	--	45.17	MD	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
V-8	7/2/2014	101.30	--	--	--	--	SV	< 50	--	< 0.50	< 0.50	< 0.50	< 1.0	< 0.50	--	--	< 10	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 47
V-8	2/9/2015	101.30	57.42	NP	--	43.88	MD	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
V-8	2/12/2015	--	--	--	--	--	--	< 50	--	< 0.50	< 0.50	< 0.50	< 1.0	**5.5**	--	--	< 10	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 51
V-8	2/8/2016	101.30	56.92	NP	--	44.38	IW, VOL	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
V-8	4/24/2018	101.30	55.77	NP	--	45.53	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
V-8	5/16/2018	101.30	56.44	NP	--	44.86	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
V-8	9/28/2018	101.30	55.95	NP	--	45.35	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
V-8	1/28/2019	101.30	56.16	NP	--	45.14	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
V-8	1/30/2019	101.30	--	--	--	--	NG	< 50	--	< 0.50	< 0.50	< 0.50	< 1.0	< 0.50	< 1.0	< 150	< 10	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 48
V-8	8/26/2019	101.30	56.35	NP	--	44.95	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
V-8	11/4/2019	101.30	56.42	NP	--	44.88	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
V-8	1/20/2020	101.30	56.33	NP	--	44.97	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
V-8	1/22/2020	101.30	--	--	--	--	NG	< 50LR	--	< 0.50	< 0.50	< 0.50	< 1.0	< 0.50	< 1.0	< 150	< 10	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 47
V-9	7/1/2014	101.16	39.30	NP	--	61.86	IW, Stagnant water	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
V-9	2/8/2016	101.16	39.35	NP	--	61.81	Grab sample, MD	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
V-9	2/11/2016	101.16	--	--	--	--	NG, DNP	< 50	--	**0.50**	< 0.50	< 0.50	< 1.0	**6.7**	--	--	< 10	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	--
V-9	2/13/2018	101.16	39.28	NP	--	61.88	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
V-9	4/24/2018	101.16	39.25	NP	--	61.91	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
V-9	9/28/2018	101.16	39.29	NP	--	61.87	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
V-9	1/28/2019	101.16	39.28	NP	--	61.88	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
V-9	5/16/2019	101.16	39.33	NP	--	61.83	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
V-9	8/26/2019	101.16	39.35	NP	--	61.81	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
V-9	11/4/2019	101.16	39.36	NP	--	61.80	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
V-9	1/20/2020	101.16	39.35	NP	--	61.81	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

TABLE 3
Historical Gauging and Analytical Data
ARCO Service Station No. 465
151 Southgate Avenue
Daly City, CA

Well I.D.	Date	GROUNDWATER ELEVATION DATA						GROUNDWATER ANALYTICAL DATA															
		TOC Elevation (ft)	Water Level Depth (ft)	LNAPL Depth (ft)	LNAPL Thickness (ft)	Water Level Elevation* (ft)	Qualifiers	GRO (ug/L)	DRO (ug/L)	Benzene (ug/L)	Toluene (ug/L)	Ethylbenzene (ug/L)	Xylene (Total) (ug/L)	MTBE (ug/L)	Naphthalene (ug/L)	Ethanol (ug/L)	TBA (ug/L)	DIPE (ug/L)	ETBE (ug/L)	TAME (ug/L)	1,2-DCA (ug/L)	EDB (ug/L)	Stoddard Solvent (ug/L)
V-10	7/1/2014	103.59	34.71	NP	--	68.88	IW, Stagnant water	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
V-10	2/8/2016	103.59	34.70	NP	--	68.89	Grab sample, MD	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
V-10	2/11/2016	103.59	--	--	--	--	NG, DNP	**520**	--	**1.6**	< 0.50	**2.5**	**14**	**12**	--	--	< 10	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	--
V-10	2/13/2018	103.59	39.68	NP	--	63.91	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
V-10	4/24/2018	103.59	34.70	NP	--	68.89	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
V-10	9/28/2018	103.59	34.75	NP	--	68.84	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
V-10	1/28/2019	103.59	34.71	NP	--	68.88	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
V-10	5/16/2019	103.59	34.75	NP	--	68.84	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
V-10	8/26/2019	103.59	--	--	--	--	Dry	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
V-10	11/4/2019	103.59	34.75	NP	--	68.84	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
V-10	1/20/2020	103.59	34.47	NP	--	69.12	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
V-11	7/25/2016	104.04	99.12	NP	--	4.92	NSP	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
V-11	4/24/2018	104.04	99.23	NP	--	4.81	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
V-11	9/28/2018	104.04	99.25	NP	--	4.79	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
V-11	1/28/2019	104.04	99.18	NP	--	4.86	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
V-11	5/16/2019	104.04	99.23	NP	--	4.81	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
V-11	8/26/2019	104.04	99.21	NP	--	4.83	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
V-11	11/4/2019	104.04	99.24	NP	--	4.80	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
V-11	1/20/2020	104.04	99.26	NP	--	4.78	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
								--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
V-12	2/8/2016	105.33	89.13	NP	--	16.20	VOL	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
V-12	7/15/2016	105.33	89.00	NP	--	16.33	Pilot test, NSP	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
V-12	7/25/2016	105.33	88.98	NP	--	16.35	NSP	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
V-12	8/23/2016	105.33	89.00	NP	--	16.33	NSP	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
V-12	4/24/2018	105.33	89.03	NP	--	16.30	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
V-12	9/29/2018	105.33	89.04	NP	--	16.29	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
V-12	1/28/2019	105.33	89.04	NP	--	16.29	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
V-12	7/9/2019	105.33	89.11	NP	--	16.22	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
V-12	7/10/2019	105.33	89.06	NP	--	16.27	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
V-12	7/11/2019	105.33	89.08	NP	--	16.25	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
V-12	8/6/2019	105.33	89.10	NP	--	16.23	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
V-12	8/7/2019	105.33	89.07	NP	--	16.26	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
V-12	8/8/2019	105.33	89.08	NP	--	16.25	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
V-12	8/26/2019	105.33	89.15	NP	--	16.18	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
V-12	11/4/2019	105.33	89.11	NP	--	16.22	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
V-12	1/20/2020	105.33	89.73	NP	--	15.60	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
V-13	2/8/2016	102.90	89.07	NP	--	13.83	VOL	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
V-13	7/15/2016	102.90	89.11	NP	--	13.79	Pilot test, NSP	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
V-13	7/25/2016	102.90	89.10	NP	--	13.80	NSP	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
V-13	4/24/2018	102.90	89.08	NP	--	13.82	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
V-13	9/28/2018	102.90	89.15	NP	--	13.75	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
V-13	1/28/2019	102.90	89.10	NP	--	13.80	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
V-13	5/16/2019	102.90	89.15	NP	--	13.75	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
V-13	8/26/2019	102.90	--	--	--	--	Dry	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
V-13	11/4/2019	102.90	89.23	NP	--	13.67	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
V-13	1/20/2020	102.90	89.20	NP	--	13.70	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

TABLE 3

Historical Gauging and Analytical Data

ARCO Service Station No. 465

151 Southgate Avenue

Daly City, CA

Well I.D.	Date	GROUNDWATER ELEVATION DATA						GROUNDWATER ANALYTICAL DATA															
		TOC Elevation (ft)	Water Level Depth (ft)	LNAPL Depth (ft)	LNAPL Thickness (ft)	Water Level Elevation* (ft)	Qualifiers	GRO (ug/L)	DRO (ug/L)	Benzene (ug/L)	Toluene (ug/L)	Ethylbenzene (ug/L)	Xylene (Total) (ug/L)	MTBE (ug/L)	Naphthalene (ug/L)	Ethanol (ug/L)	TBA (ug/L)	DIPE (ug/L)	ETBE (ug/L)	TAME (ug/L)	1,2-DCA (ug/L)	EDB (ug/L)	Stoddard Solvent (ug/L)
V-14	5/20/2016	107.81	88.68	NP	--	19.13	Well development, NSP	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
V-14	7/15/2016	107.81	89.35	NP	--	18.46	Pilot test, NSP	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
V-14	7/25/2016	107.81	89.28	NP	--	18.53	NSP	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
V-14	8/23/2016	107.81	--	--	--	--	Dry	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
V-14	9/6/2017	107.81	89.66	NP	--	18.15	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
V-14	2/13/2018	107.81	88.90	NP	--	18.91	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
V-14	2/14/2018	107.81	--	--	--	--	NG	< 1000	--	< 100	< 100	< 100	< 200	**11000**	< 200	< 30000	**7000**	< 100	< 100	< 100	< 100	< 100	< 48
V-14	4/24/2018	107.81	88.78	NP	--	19.03	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
V-14	9/28/2018	107.81	88.63	NP	--	19.18	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
V-14	1/28/2019	107.81	88.54	NP	--	19.27	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
V-14	1/29/2019	107.81	--	--	--	--	NG	< 50	--	< 5.0	< 5.0	< 5.0	< 10	**510**	< 10	< 1500	**110**	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 48
V-14	5/16/2019	107.81	89.84	NP	--	17.97	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
V-14	6/3/2019	107.81	88.53	NP	--	19.28	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
V-14	6/18/2019	107.81	--	--	--	--	NG	< 50	--	< 0.50	< 0.50	< 0.50	< 1.0	**8.8**	< 1.0	< 150LQ	< 10	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 47
V-14	7/9/2019	107.81	88.46	NP	--	19.35	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
V-14	7/10/2019	107.81	88.43	NP	--	19.38	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
V-14	7/11/2019	107.81	88.93	NP	--	18.88	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
V-14	8/6/2019	107.81	87.58	NP	--	20.23	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
V-14	8/7/2019	107.81	87.90	NP	--	19.91	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
V-14	8/8/2019	107.81	87.99	NP	--	19.82	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
V-14	8/26/2019	107.81	88.88	NP	--	18.93	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
V-14	8/27/2019	107.81	--	--	--	--	NG	< 50	--	< 0.50	< 0.50	< 0.50	< 1.0	**55**	**1.4**	< 150	**85**	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 47
V-14	11/4/2019	107.81	89.85	NP	--	17.96	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
V-14	11/5/2019	107.81	--	--	--	--	NG	< 50	--	< 0.50	< 0.50	< 0.50	< 1.0	**1.5**	< 1.0	< 150	< 10	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 47
V-14	1/20/2020	107.81	88.67	NP	--	19.14	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
V-14	1/23/2020	107.81	--	--	--	--	NG	< 50	--	< 0.50	< 0.50	< 0.50	< 1.0	**31**	< 1.0	< 150	**56**	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 48

TABLE 3
Historical Gauging and Analytical Data
ARCO Service Station No. 465
151 Southgate Avenue
Daly City, CA

Well I.D.	Date	GROUNDWATER ELEVATION DATA						GROUNDWATER ANALYTICAL DATA																
		TOC Elevation (ft)	Water Level Depth (ft)	LNAPL Depth (ft)	LNAPL Thickness (ft)	Water Level Elevation* (ft)	Qualifiers	GRO (ug/L)	DRO (ug/L)	Benzene (ug/L)	Toluene (ug/L)	Ethylbenzene (ug/L)	Xylene (Total) (ug/L)	MTBE (ug/L)	Naphthalene (ug/L)	Ethanol (ug/L)	TBA (ug/L)	DIPE (ug/L)	ETBE (ug/L)	TAME (ug/L)	1,2-DCA (ug/L)	EDB (ug/L)	Stoddard Solvent (ug/L)

Notes:
TOC = Top of Casing
ft = feet
NP = No Product
LNAPL = Light Non=Aqueous Phase Liquid
* = Corrected for LNAPL if present (assumes LNAPL specific gravity = 0.75)
-- = No Information Available
Results in **bold** exceed the reporting detection limit
< = Not detected at or above indicated laboratory reporting limit
ug/L = micrograms per liter
GRO = Gasoline Range Organics
DRO = Diesel Range Organics
MTBE = Methyl tertiary butly ether
^ = TOC elevation changed to match August 24, 2017 survey data
a= Chomatogram Pattern: Weathered Gasoline C6-C12
b= Chromatogram Pattern: Gasolone C6-C12
c= The sample was diluted due to thie prescence of high levels of non-target analytes resulting in elevated reporting limits
d= Insufficient water in well to collect a sample
e= Hydrocarbon pattern is present in requested fuel quantitation range but does not resemble the pattern of the requested fuel for the Stoddard solvent
f= Discrete peak @ C6-C7 for GRO/TPH-g
g= This result was derived from a single point calibration with no MDL study for the Stoddard solvent
h= This sample was analyzed beyond the EPA recommended holding time. The results may still be useful for their intended purpose.
i= initial analysis indicated 10,000 ug/L, an estimated value above the calibration range of the instrument
j= Results for MTBE confirmed by EPA Methods 8260
k= Results of EPA Method 8240 METBE confirmation
l= Discrete peak at C5-C6
m= Hydrocarbon pattern is present in the requested fuel quantitation range byt does not resemble the pattern of the requested fuel
n= well is dry
o= well inaccessible
p= V-8 was sampled on Semptember 9,2000 because MW-1 was damaged
TBA = tertiary-Butyl Alcohol
DIPE = Diisopropyl ether
ETBE = Ethyl-tert-butyl ether
TAME = tert-Amylmethyl ether
1,2-DCA = 1,2-Dichloroethane
EDB = 1,2-Dibromoethane
IW = Inaccessible well
NG = Not Gauged
DNP = Did not purge prior to sampling
SV= Sample collected during SVE System Operation
VO = Vehicle obstruction
WD = Well Destroyed
WI = Well Inaccessible
NSP = Well not sampled this event, in accordance with groundwater sampling schedule
MD = Sampling & gauging performed over multiple days during this event
SU = Sample may be not be representative as they were collected within 48 hours of well development
VOL = Well not sampled due to insufficient volume of water in well
LQ = LCS/LCSD recovery above method control limits
N = Identity of contaminant uncertain (hydrocarbon pattern atypical of indicated analyte); see lab report

Beginning with the first quarter 2003 sampling event (3/26/03), TPH-g, BTEX and MTBE analyzed using EPA Method 8260B.

Beginning in the fourth quarter 2003, the laboratory modified the reported analyte list. Total petroleum hydrocarbons as gasoline (TPHg) has been changed resulting data may be impacted by the potential non-TPHg analytes within the requeted fuel range resulting in a higher concentation being reported

Beginning in the second quarater 2004, the carbon range fro GRO was changed from C6-C10 to C4-C12
Values for dissolved oxygen (DO) and pH were obstained through field measurements
Source: the data within this table collected prior to August 2002 was provided by URS by RM and their previous consultants. URS has not verified the accuracy of this information

TABLE 4
Grab Groundwater Analytical Data
ARCO Service Station No. 465
151 Southgate Avenue
Daly City, CA

Well I.D.	Date	GRO (ug/L)	Benzene (ug/L)	Toluene (ug/L)	Ethylbenzene (ug/L)	Xylene (Total) (ug/L)	Ethanol (ug/L)	tertiary-Butyl Alcohol (ug/L)	MTBE (ug/L)	Diisopropyl ether (ug/L)	Ethyl-tert-butyl ether (ug/L)	tert-Amylmethyl ether (ug/L)	1,1-Dichloroethane (ug/L)	1,2-Dibromoethane (EDB) (ug/L)	Stoddard Solvent (ug/L)
SB-3	7/18/2005	**59,000**	**670**	**6,000**	**740**	**4,800**	< 50000	< 10000	**49,000**	< 250	< 250	< 250	< 25	< 25	**480**
SB-4	9/29/2005	< 0.1	< 0.005	< 0.005	< 0.005	< 0.005	< 0.1	< 0.2	< 0.005	< 0.005	< 0.005	< 0.005	--	< 0.005	--
SB-5	9/29/2005	< 50	< 0.50	< 0.50	< 0.50	< 0.50	< 100	< 20	< 0.50	< 0.50	< 0.50	< 0.50	--	< 0.50	--
SB-7	9/28/2005	< 50	< 0.50	< 0.50	< 0.50	< 0.50	< 100	< 20	< 0.50	< 0.50	< 0.50	< 0.50	--	< 0.50	--
SB-8	9/27/2005	< 50	< 0.50	< 0.50	< 0.50	< 0.50	< 100	< 20	< 0.50	< 0.50	< 0.50	< 0.50	--	< 0.50	--
SB-9	9/27/2005	< 50	< 0.50	< 0.50	< 0.50	< 0.50	< 100	< 20	< 0.50	< 0.50	< 0.50	< 0.50	--	< 0.50	--
SB-10	9/28/2005	< 50	< 0.50	< 0.50	< 0.50	< 0.50	< 100	< 20	< 0.50	< 0.50	< 0.50	< 0.50	--	< 0.50	--

Notes:
GRO = Gasoline range organics
MTBE = Methyl tert-butyl ether
PCE = Tetrachloroethene
TCE = Trichloroethene
ug/L = micrograms per liter
Results in **bold** exceed the reporting detection limit
< = Concentration below the method reporting limit
-- = No information avaiable

TABLE 4
Grab Groundwater Analytical Data
ARCO Service Station No. 465
151 Southgate Avenue
Daly City, CA

Well I.D.	Date	1,1,1,2-Tetrachloroethane (ug/L)	1,1,1-Trichloroethane (ug/L)	1,1,2,2-Tetrachloroethane (ug/L)	1,1,2-Trichloroethane (ug/L)	1,1-Dichloroethylene (ug/L)	1,1-Dichloropropene (ug/L)	1,2,3-Trichlorobenzene (ug/L)	1,2,3-Trichloropropane (ug/L)	1,2,4-Trichlorobenzene (ug/L)	1,2,4-Trimethylbenzene (ug/L)	1,2-Dibromo-3-chloropropane (ug/L)	1,2-Dichlorobenzene (ug/L)	1,2-Dichloroethane (ug/L)	1,3-Dichlorobenzene (ug/L)
SB-3	7/18/2005	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	**930**	< 50	< 25	< 25	< 50
SB-4	9/29/2005	--	--	--	--	--	--	--	--	--	--	--	--	< 0.005	--
SB-5	9/29/2005	--	--	--	--	--	--	--	--	--	--	--	--	< 0.50	--
SB-7	9/28/2005	--	--	--	--	--	--	--	--	--	--	--	--	< 0.50	--
SB-8	9/27/2005	--	--	--	--	--	--	--	--	--	--	--	--	< 0.50	--
SB-9	9/27/2005	--	--	--	--	--	--	--	--	--	--	--	--	< 0.50	--
SB-10	9/28/2005	--	--	--	--	--	--	--	--	--	--	--	--	< 0.50	--

Notes:
GRO = Gasoline range organics
MTBE = Methyl tert-butyl ether
PCE = Tetrachloroethene
TCE = Trichloroethene
ug/L = micrograms per liter
Results in **bold** exceed the reporting detection limit
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-- = No information avaiable

TABLE 4
Grab Groundwater Analytical Data
ARCO Service Station No. 465
151 Southgate Avenue
Daly City, CA

Well I.D.	Date	1,3-Dichloropropane (ug/L)	1,4-Dichlorobenzene (ug/L)	2,2-Dichloropropane (ug/L)	2-Chlorotoluene (ug/L)	4-Chlorotoluene (ug/L)	p-Isopropyltoluene (ug/L)	Bromobenzene (ug/L)	Bromochloromethane (ug/L)	Bromodichloromethane (ug/L)	Bromoform (ug/L)	Bromomethane (ug/L)	Carbon tetrachloride (ug/L)	Chlorobenzene (ug/L)	Chloroethane (ug/L)
SB-3	7/18/2005	< 25	< 25	< 10	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 50	< 25	< 25	< 25
SB-4	9/29/2005	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-5	9/29/2005	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-7	9/28/2005	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-8	9/27/2005	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-9	9/27/2005	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-10	9/28/2005	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Notes:
GRO = Gasoline range organics
MTBE = Methyl tert-butyl ether
PCE = Tetrachloroethene
TCE = Trichloroethene
ug/L = micrograms per liter
Results in **bold** exceed the reporting detection limit
< = Concentration below the method reporting limit
-- = No information avaiable

TABLE 4
Grab Groundwater Analytical Data
ARCO Service Station No. 465
151 Southgate Avenue
Daly City, CA

Well I.D.	Date	Chloroform (ug/L)	Chloromethane (ug/L)	Dibromochloromethane (ug/L)	Dibromomethane (ug/L)	Hexachlorobutadiene (ug/L)	Isopropylbenzene (ug/L)	Methylene chloride (ug/L)	Naphthalene (ug/L)	Styrene (ug/L)	Tetrachloroethene (ug/L)	Trichloroethene (ug/L)	Trichlorofluoromethane (ug/L)	Vinyl chloride (ug/L)	cis-1,2-Dichloroethene (ug/L)
SB-3	7/18/2005	< 25	< 25	< 25	< 25	< 10	< 25	< 0	< 25	< 25	< 25	< 25	< 25	< 25	< 25
SB-4	9/29/2005	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-5	9/29/2005	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-7	9/28/2005	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-8	9/27/2005	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-9	9/27/2005	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-10	9/28/2005	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Notes:
GRO = Gasoline range organics
MTBE = Methyl tert-butyl ether
PCE = Tetrachloroethene
TCE = Trichloroethene
ug/L = micrograms per liter
Results in **bold** exceed the reporting detection limit
< = Concentration below the method reporting limit
-- = No information avaiable

TABLE 4
Grab Groundwater Analytical Data
ARCO Service Station No. 465
151 Southgate Avenue
Daly City, CA

Well I.D.	Date	n-Butylbenzene (ug/L)	n-Propylbenzene (ug/L)	sec-Butylbenzene (ug/L)	tert-Butylbenzene (ug/L)	trans-1,2-Dichloroethene (ug/L)
SB-3	7/18/2005	< 25	< 25	< 25	< 25	< 25
SB-4	9/29/2005	--	--	--	--	--
SB-5	9/29/2005	--	--	--	--	--
SB-7	9/28/2005	--	--	--	--	--
SB-8	9/27/2005	--	--	--	--	--
SB-9	9/27/2005	--	--	--	--	--
SB-10	9/28/2005	--	--	--	--	--

Notes:
GRO = Gasoline range organics
MTBE = Methyl tert-butyl ether
PCE = Tetrachloroethene
TCE = Trichloroethene
ug/L = micrograms per liter
Results in **bold** exceed the reporting detection limit
< = Concentration below the method reporting limit
-- = No information avaiable

TABLE 5
Soil Gas Analytical Data
ARCO Service Station No. 465
151 Southgate Avenue
Daly City, CA

Sample I.D.	Screen Interval (feet bgs)	Date	GRO (ug/m3)	Benzene (ug/m3)	Toluene (ug/m3)	Ethylbenzene (mg/kg)	Xylene (Total) (ug/m3)	MTBE (ug/m3)	Acetone (ug/m3)	Tetrachloroethene (PCE) (ug/m3)	Trichloroethene(TCE) (ug/m3)	Vinyl chloride (ug/m3)	Carbon Dioxide (% v/v)
SV-1S	5.0 - 5.5	12/21/2011	< 3800	< 1.6	< 1.9	< 2.2	< 8.7	**37**	< 4.8	**260**	< 2.7	< 1.3	**4.83**
SV-1D	9.0 - 10.0	12/21/2011	< 3800	< 1.6	< 1.9	< 2.2	< 8.7	**85**	**4.8**	**610**	< 2.7	< 1.3	**11.5**

GRO = Gasoline range organics
MTBE = Methyl tert-butyl ether
PCE = Tetrachloroethene
ug/m3 = micrograms per cubic meter
% v/v = Percent volume by volume
Results in **bold** exceed the reporting detection limit
< = Concentration below the method reporting limit

TABLE 5
Soil Gas Analytical Data
ARCO Service Station No. 465
151 Southgate Avenue
Daly City, CA

Sample I.D.	Screen Interval (feet bgs)	Date	Oxygen + Argon (% v/v)	Methane (% v/v)	Helium (% v/v)	1,1,1-Trichloroethane	1,1,2,2-Tetrachloroethane	1,1,2-Trichloro-1,2,2-trifluoroethane	1,1,2-Trichloroethane	1,1-Dichloroethane	1,1-Dichloroethene	1,2,4-Trichlorobenzene	1,2,4-Trimethylbenzene
SV-1S	5.0 - 5.5	12/21/2011	**17.8**	< 0.500	< 0.0100	< 2.7	< 6.9	< 11	< 2.7	< 2	< 2	< 15	< 7.4
SV-1D	9.0 - 10.0	12/21/2011	**10.8**	< 0.500	< 0.0100	< 2.7	< 6.9	< 11	< 2.7	< 2	< 2	< 15	< 7.4

GRO = Gasoline range organics
MTBE = Methyl tert-butyl ether
PCE = Tetrachloroethene
ug/m3 = micrograms per cubic meter
% v/v = Percent volume by volume
Results in **bold** exceed the reporting detection limit
< = Concentration below the method reporting limit

TABLE 5
Soil Gas Analytical Data
ARCO Service Station No. 465
151 Southgate Avenue
Daly City, CA

Sample I.D.	Screen Interval (feet bgs)	Date	1,2-Dibromoethane	1,2-Dichloro-1,1,2,2-tetrafluoroethane	1,2-Dichlorobenzene	1,2-Dichloroethane	1,2-Dichloropropane	1,3,5-Trimethylbenzene	1,3-Dichlorobenzene	1,4-Dichlorobenzene	2-Butanone	2-Hexanone	4-Ethyltoluene
SV-1S	5.0 - 5.5	12/21/2011	< 3.8	< 14	< 3	< 2	< 2.3	< 2.5	< 3	< 3	< 4.4	< 6.1	< 2.5
SV-1D	9.0 - 10.0	12/21/2011	< 3.8	< 14	< 3	< 2	< 2.3	< 2.5	< 3	< 3	< 4.4	< 6.1	< 2.5

GRO = Gasoline range organics
MTBE = Methyl tert-butyl ether
PCE = Tetrachloroethene
ug/m3 = micrograms per cubic meter
% v/v = Percent volume by volume
Results in **bold** exceed the reporting detection limit
< = Concentration below the method reporting limit

TABLE 5
Soil Gas Analytical Data
ARCO Service Station No. 465
151 Southgate Avenue
Daly City, CA

Sample I.D.	Screen Interval (feet bgs)	Date	4-Methyl-2-pentanone	Bromodichloromethane	Bromoform	Bromomethane	Carbon disulfide	Carbon tetrachloride	Chlorobenzene	Chloroethane	Chloroform	Chloromethane	Chlorotoluene
SV-1S	5.0 - 5.5	12/21/2011	< 6.1	< 3.4	< 5.2	< 1.9	< 6.2	< 3.1	< 2.3	< 1.3	< 2.4	< 1	< 7.8
SV-1D	9.0 - 10.0	12/21/2011	< 6.1	< 3.4	< 5.2	< 1.9	< 6.2	< 3.1	< 2.3	< 1.3	< 2.4	< 1	< 7.8

GRO = Gasoline range organics
MTBE = Methyl tert-butyl ether
PCE = Tetrachloroethene
ug/m3 = micrograms per cubic meter
% v/v = Percent volume by volume
Results in **bold** exceed the reporting detection limit
< = Concentration below the method reporting limit

TABLE 5
Soil Gas Analytical Data
ARCO Service Station No. 465
151 Southgate Avenue
Daly City, CA

Sample I.D.	Screen Interval (feet bgs)	Date	cis-1,2-Dichloroethene	cis-1,3-Dichloropropene	Dibromochloromethane	Dichlorodifluoromethane	Di-isopropyl ether (DIPE)	Ethyl tert-butyl ether (ETBE)	Hexachlorobutadiene	Methylene chloride	Styrene	tert-Amyl methyl ether (TAME)	tert-Butyl alcohol (TBA)
SV-1S	5.0 - 5.5	12/21/2011	< 2	< 2.3	< 4.3	< 2.5	< 8.4	< 8.4	< 16	< 17	< 6.4	< 8.4	< 6.1
SV-1D	9.0 - 10.0	12/21/2011	< 2	< 2.3	< 4.3	< 2.5	< 8.4	< 8.4	< 16	< 17	< 6.4	< 8.4	< 6.1

GRO = Gasoline range organics
MTBE = Methyl tert-butyl ether
PCE = Tetrachloroethene
ug/m3 = micrograms per cubic meter
% v/v = Percent volume by volume
Results in **bold** exceed the reporting detection limit
< = Concentration below the method reporting limit

TABLE 5
Soil Gas Analytical Data
ARCO Service Station No. 465
151 Southgate Avenue
Daly City, CA

Sample I.D.	Screen Interval (feet bgs)	Date	trans-1,2-Dichloroethene	trans-1,3-Dichloropropene	Trichlorofluoromethane	Vinyl acetate
SV-1S	5.0 - 5.5	12/21/2011	< 2	< 4.5	< 5.6	< 7
SV-1D	9.0 - 10.0	12/21/2011	< 2	< 4.5	< 5.6	< 7

GRO = Gasoline range organics
MTBE = Methyl tert-butyl ether
PCE = Tetrachloroethene
ug/m3 = micrograms per cubic meter
% v/v = Percent volume by volume
Results in **bold** exceed the reporting detection limit
< = Concentration below the method reporting limit

Table 6
MTBE Detections Below 55 feet bgs
ARCO Service Station No. 465
151 Southgate Avenue
Daly City, CA

Soil Boring ID	Date	Depth (ft bgs)	MTBE (mg/kg)
MW-5A	04/03/2003	55.5	**4**
MW-5A	04/03/2003	57	**2.9**
MW-5A	04/03/2003	58.5	**8.6**
MW-5A	04/03/2003	60.5	**1**
MW-5A	04/03/2003	70	**0.3**
MW-5A	04/03/2003	75	**0.12**
MW-5A	04/03/2003	80	**0.34**
MW-5A	04/03/2003	85	**0.19**
SB-1A	07/19/2005	56.5	**16**
SB-1A	07/19/2005	61.5	**11**
SB-1A	07/19/2005	66.5	**0.22**
SB-1A	07/19/2005	71.5	**0.065**
SB-2	07/18/2005	56.5	**1.1**
SB-2	07/18/2005	59.5	**1.8**
SB-2	07/18/2005	66.5	**0.86**
SB-2	07/18/2005	71.5	**0.45**
SB-3	07/18/2005	55.5	**2.3**
SB-3	07/18/2005	60.5	**0.56**
SB-3	07/18/2005	61.5	**0.4**
SB-3	07/18/2005	64.5	**0.056**
SB-11	03/19/2013	55	**0.01**
SB-11	03/19/2013	60	**0.12**
SB-11	03/19/2013	62	**99**
SB-11	03/19/2013	65	**16**
SB-11	03/19/2013	70	**2.8**
SB-11	03/19/2013	75	**1.4**
SB-11	03/20/2013	80	**0.03**
SB-11	03/20/2013	90	**0.07**
SB-11	03/20/2013	100	**0.029**
SB-15	12/09/2014	60	**0.18**
SB-15	12/09/2014	64	**2.2**
SB-15	12/09/2014	65	**1.4**
SB-15	12/09/2014	70	**9.1**
SB-15	12/09/2014	80	**2.9**
SB-15	12/09/2014	90	**0.37**
SB-15	12/09/2014	100	**0.036**
SB-15	12/10/2014	110	**0.1**

Table 6
MTBE Detections Below 55 feet bgs
ARCO Service Station No. 465
151 Southgate Avenue
Daly City, CA

Soil Boring ID	Date	Depth (ft bgs)	MTBE (mg/kg)
SB-16	01/15/2015	71	**13**
SB-16	01/15/2015	80	**2.3**
SB-16	01/15/2015	90	**1.3**
SB-16	01/15/2015	99	**0.041**
SB-16	01/15/2015	110	**0.03**
SB-17	01/13/2015	60	**0.15**
SB-17	01/14/2015	80	**0.19**
SB-17	01/14/2015	90	**0.34**
SB-17	01/14/2015	110	**0.22**
SB-18	10/22/2015	100	**0.036**
SB-18	10/22/2015	110	**0.11**
SB-20D	05/13/2016	69.5	**0.036**
SB-20D	05/13/2016	81	**0.028**
SB-20D	05/13/2016	121	**0.035**
SB-30	05/09/2018	81	**0.14**
SB-30	05/09/2018	86	**0.45 EY**
MW-5	11/30/2001	56	**4.9**
MW-6	11/29/2001	55.5	**0.95**
MW-11	06/30/2011	60	**0.17**
MW-11	06/30/2011	65	**0.14**
MW-12	06/30/2011	55	**0.14**
MW-12	06/30/2011	57	**0.031**
MW-12	06/30/2011	58	**0.074**
MW-13	01/06/2015	60	**0.92**
MW-13	01/06/2015	71	**0.51**
MW-13	01/06/2015	80	**0.9**
MW-14	01/05/2015	60	**0.44**
MW-14	01/05/2015	70	**0.032**

Table 6
MTBE Detections Below 55 feet bgs
ARCO Service Station No. 465
151 Southgate Avenue
Daly City, CA

Soil Boring ID	Date	Depth (ft bgs)	MTBE (mg/kg)
MW-15	12/17/2014	60	**7.3**
MW-15	12/17/2014	70	**3.8**
MW-15	12/17/2014	80	**13**
MW-15	12/17/2014	90	**0.33**
MW-16D	03/11/2019	81	**0.97**
MW-16D	03/11/2019	86	**0.71**
MW-16D	03/11/2019	91	**2.7**
MW-19D	02/25/2019	126	**0.034**
MW-19D	02/25/2019	131	**0.057**
MW-19D	02/26/2019	135.5	**0.03**
V-11	12/12/2014	60	**0.25**
V-11	12/12/2014	63	**49**
V-11	12/12/2014	70	**2.1**
V-11	12/12/2014	80	**1.1**
V-11	12/12/2014	90	**0.26**
V-13	10/13/2015	60	**2.4**
V-13	10/13/2015	65	**14**
V-13	10/13/2015	70	**1.6**
V-13	10/13/2015	80	**0.7**
V-13	10/13/2015	90	**0.22**
V-14	05/10/2016	76	**0.21**
V-14	05/10/2016	86	**2.7**

Notes:
ft bgs = feet below ground surface
mg/kg = milligrams/kilograms
MTBE = Methyl tert-butyl ether

Table 7
Soil Vapor Extraction System - Performance Data
ARCO Service Station No. 465
151 Southgate Avenue, Daly City, California

Operational Data									FID / PID Readings	
Date	Notes	Arrival Status	Departure Status	SVE Hours	Period Uptime (%)*	Total Uptime (%)*	Vapor Extraction Flow (scfm)	Oxidizer Temp. (°F)	Influent (ppmv)	Effluent (ppmv)
6/29/2012	a, b	--	--	21.6	-	-	136	CARBON	47	3
7/2/2012	b	--	--	NC	NC	NC	183	CARBON	104	0
7/3/2012	b	--	--	36.2	NC	NC	135	CARBON	650	0
8/29/2012	b	--	--	42.2	NC	NC	197	CARBON	630	0
8/30/2012	b	--	--	50.6	NC	NC	201	CARBON	406	0
10/22/2012		--	--	62.1	NC	NC	275	1,500	2,426	2
10/24/2012		--	--	62.3	NC	NC	297	1,511	543	5
10/26/2012		--	--	110.1	100%	100%	252	1,511	145	0
10/30/2012	b	--	--	114.40	4%	36%	288	1,517	670	3
11/7/2012		--	--	302.60	100%	72%	262	1,512	2,260	0
11/13/2012		--	--	373.52	49%	65%	232	1,515	3,540	0
11/20/2012		--	--	535.48	96%	73%	253	1,508	3,129	0
11/27/2012		--	--	628.17	55%	69%	249	1,517	1,430	0
12/4/2012		--	--	794.47	100%	74%	244	1,510	1,010	0
12/12/2012		--	--	988.74	100%	79%	186	1,509	1,783	0
12/19/2012		--	--	1,037.30	29%	73%	191	1,512	426	0
1/2/2013		--	--	1,116.25	23%	63%	208	1,507	3,713	0
1/9/2013		--	--	1,127.48	7%	58%	208	1,508	3,554	0
1/17/2013		--	--	1,134.80	4%	53%	198	1,513	3,390	0
1/25/2013		--	--	1,190.02	29%	51%	247	1,510	910	0
1/30/2013		--	--	1,310.86	100%	53%	190	1,505	857	0
2/8/2013		--	--	1,527.55	100%	57%	208	1,506	980	0
2/13/2013		--	--	1,646.96	100%	59%	194	1,510	504	0
2/21/2013		--	--	1,841.14	100%	62%	230	1,509	422	0
2/26/2013		--	--	1,958.29	100%	63%	195	1,507	380	0
3/6/2013	c	--	--	2,151.51	100%	65%	138	1,513	724	0
3/14/2013		--	--	2,342.70	100%	67%	203	1,515	960	0
3/21/2013		--	--	2,508.65	100%	69%	230	1,515	1,000	0
3/26/2013		--	--	2,633.15	100%	70%	163	1,510	1,100	0
4/3/2013		--	--	2,821.84	100%	71%	199	1,511	826	0
4/10/2013		--	--	2,846.82	15%	69%	233	1,518	900	0
4/17/2013		--	--	3,013.60	100%	70%	247	1,504	720	0
4/23/2013		--	--	3,158.64	100%	71%	168	1,515	594	0
4/30/2013	d	--	--	3,325.80	100%	72%	193	1,515	673	0

Table 7
Soil Vapor Extraction System - Performance Data
ARCO Service Station No. 465
151 Southgate Avenue, Daly City, California

Operational Data									FID / PID Readings	
Date	Notes	Arrival Status	Departure Status	SVE Hours	Period Uptime (%)*	Total Uptime (%)*	Vapor Extraction Flow (scfm)	Oxidizer Temp. (°F)	Influent (ppmv)	Effluent (ppmv)
5/6/2013	e	--	--	3,470.60	100%	73%	192	1,510	490	0
5/15/2013	d	--	--	3,599.17	60%	73%	280	1,510	273	0
5/22/2013		--	--	3,677.00	46%	72%	270	1,508	377	0
5/30/2013		--	--	3,773.86	50%	71%	250	1,508	392	0
6/6/2013		--	--	3,780.50	4%	69%	184	1,505	549	0
6/12/2013		--	--	3,930.09	100%	70%	187	1,505	509	0
6/20/2013		--	--	4,116.64	97%	71%	186	1,510	300	0
6/26/2013		--	--	4,259.06	100%	71%	183	1,511	276	0
7/2/2013		--	--	4,401.53	100%	72%	201	1,509	256	0
7/12/2013		--	--	4,648.13	100%	73%	170	1,510	270	0
7/18/2013		--	--	4,786.33	96%	74%	208	1,510	285	0
7/22/2013		--	--	4,883.20	100%	74%	200	1,510	290	0
8/1/2013		--	--	5,123.17	100%	75%	201	1,513	328	0
8/5/2013		--	--	5,221.48	100%	75%	181	1,511	310	0
8/12/2013		--	--	5,386.73	98%	76%	198	1,510	210	0
8/22/2013		--	--	5,626.46	100%	77%	180	1,510	326	0
8/27/2013		--	--	5,745.80	100%	77%	198	1,511	334	0
9/3/2013	f	--	--	5,801.84	33%	76%	230	1,520	210	0
9/9/2013		--	--	5,944.51	100%	77%	201	1,511	267	0
9/17/2013		--	--	6,140.41	100%	77%	181	1,508	256	0
9/23/2013		--	--	6,285.02	100%	78%	141	1,511	209	0
10/1/2013		--	--	6,472.76	98%	78%	200	1,512	210	0
10/21/2013		--	--	6,952.61	100%	79%	202	1,510	227	0
10/29/2013	g	--	--	7,106.79	80%	79%	NC	NC	NC	NC
11/5/2013		--	--	7,108.13	1%	78%	250	1,505	138	0
11/18/2013		--	--	7,418.63	100%	79%	220	1,513	200	0
11/20/2013	h	--	--	7,470.21	100%	79%	190	1,510	NC	NC
1/13/2014	i	--	--	7,470.39	0%	69%	NC	1,510	164	0
1/21/2014	j	--	--	7,477.00	3%	68%	248	1,505	195	0
1/27/2014	k	--	--	7,480.53	2%	67%	230	1,509	120	0
2/14/2014	l	--	--	7,780.63	69%	67%	178	1,507	256	NC
2/24/2014		--	--	8,019.02	100%	68%	200	1,518	189	0
3/5/2014		--	--	8,236.17	100%	69%	175	1,517	280	0
3/11/2014		--	--	8,378.47	100%	69%	212	1,512	215	0

Table 7
Soil Vapor Extraction System - Performance Data
ARCO Service Station No. 465
151 Southgate Avenue, Daly City, California

Operational Data									FID / PID Readings	
Date	Notes	Arrival Status	Departure Status	SVE Hours	Period Uptime (%)*	Total Uptime (%)*	Vapor Extraction Flow (scfm)	Oxidizer Temp. (^{o}F)	Influent (ppmv)	Effluent (ppmv)
3/17/2014		--	--	8,522.28	100%	69%	200	1,506	200	0
4/15/2014		--	--	9,218.23	100%	71%	190	1,509	204	0
5/9/2014		--	--	9,795.55	100%	72%	188	1,510	177	0
5/19/2014		--	--	10,034.48	100%	73%	195	1,510	143	0
6/9/2014	m	--	--	10,492.87	91%	73%	220	1,511	128	0
6/27/2014		--	--	10,923.41	100%	74%	210	1,507	70	0
7/11/2014		--	--	11,259.85	100%	75%	230	1,508	35	0
7/24/2014		--	--	11,570.10	100%	75%	257	1,510	34	0
8/5/2014		--	--	11,857.27	100%	76%	206	1,507	60	0
8/19/2014		--	--	12,193.33	100%	76%	212	1,508	53	0
9/8/2014		--	--	12,674.39	100%	77%	200	1,511	51	0
9/22/2014		--	--	13,009.01	100%	77%	208	1,512	48	0
10/6/2014		--	--	13,349.06	100%	78%	178	1,508	25	0
10/20/2014		--	--	13,682.17	100%	78%	181	1,511	NC	NC
10/22/2014		--	--	13,731.66	100%	78%	172	1,511	40	0
11/3/2014		--	--	14,019.44	100%	79%	217	1,508	66	0
11/21/2014		--	--	14,452.78	100%	79%	219	1,510	340	0
12/2/2014	f	--	--	14,526.78	73%	78%	199	1,513	48	0
12/12/2014	n	--	--	14,546.21	19%	77%	225	1,527	21	NC
1/5/2015	o	--	--	14,641.82	14%	76%	229	1,519	65	0
1/22/2015	p	--	--	14,644.86	10%	74%	195	1,516	67.4	0
3/20/2015	q	--	--	14,651.68	1%	69%	--	--	--	--
4/17/2015	r	--	--	14,658.85	1%	67%	--	--	--	--
10/27/2015	s	--	--	14,661.27	0%	55%	--	--	--	--
7/15/2016	t	--	--	14,677.90	0%	45%	--	--	--	--
12/2/2016	u	--	--	14,688.78	0%	41%	263	1,513	136	0
12/14/2016		--	--	14,976.41	100%	41%	340	1,518	142.8	0
1/2/2017	v	--	--	15,240.79	58%	41%	301	1,510	10	0
1/11/2017	w	--	--	15,250.83	5%	41%	298	1,518	26	0
1/17/2017	w	--	--	15,258.83	6%	41%	323	1,509	11	0
1/23/2017	w	--	--	15,369.08	77%	41%	--	--	--	--
3/2/2017	x	--	--	15,370.60	0%	40%	223	1,511	13	0
3/16/2017		--	--	15,373.32	1%	40%	250	1,512	18	0

Table 7
Soil Vapor Extraction System - Performance Data
ARCO Service Station No. 465
151 Southgate Avenue, Daly City, California

Operational Data									FID / PID Readings	
Date	Notes	Arrival Status	Departure Status	SVE Hours	Period Uptime (%)*	Total Uptime (%)*	Vapor Extraction Flow (scfm)	Oxidizer Temp. (^{o}F)	Influent (ppmv)	Effluent (ppmv)
3/23/2017	y	--	--	15,540.04	100%	--	--	--	--	--
6/28/2017		off	on	15,540.04	0%	--	--	--	--	--
7/6/2017		on	--	15,741.40	100%	--	--	1,516	24.0	1.0
7/17/2017		on	on	16,000.18	98%	38%	265	1,515	16.8	0.6
7/18/2017		on	on	16,028.00	100%	38%	260	1,511	16.4	0.5
7/19/2017		on	on	16,050.28	93%	39%	260	1,525	16.3	0.4
8/9/2017		on	on	16,551.82	100%	39%	304	1,531	--	--
8/16/2017		off	on	16,553.08	1%	39%	275	1,511	1.7	0.5
8/25/2017		on	off	16,770.00	100%	39%	--	--	--	--
9/7/2017		off	on	16,770.00	0%	39%	--	--	--	--
9/11/2017		on	on	16,860.00	94%	39%	156	1,520	7.0	6.0
10/3/2017	z	on	on	17,386.09	100%	40%	255	1,505	--	--
10/16/2017	aa	off	on	17,619.48	75%	40%	290	1,516	1	0
11/2/2017		on	on	18,028.27	100%	41%	270	1,511	5.6	1.0
11/29/2017		on	on	18,677.53	100%	42%	235	1,505	1.9	0.0
12/11/2017	aa, ab	off	on	18,845.91	58%	42%	--	1,518	45.2	1.8
12/22/2017	ac	on	off	19,112.55	100%	42%	260	1,511	10.2	0.6
1/9/2018		off	on	19,112.55	0%	42%	--	--	--	--
1/11/2018		on	on	19,158.73	96%	42%	290	1,514	4.0	1.8
1/22/2018		on	on	19,425.00	100%	42%	--	1,511	--	--
1/24/2018	j	on	off	19,470.63	95%	42%	--	--	--	--
2/5/2018		off	on	19,470.63	0%	42%	230	1,513	--	--
2/9/2018		on	off	19,565.00	98%	42%	260	1,511	--	--
2/15/2018		off	on	19,565.00	0%	42%	--	--	--	--
2/27/2018		on	on	19,857.55	100%	42%	260	1,510	34	1.6
3/13/2018	af	on	on	20,179.66	96%	43%	275	1,511	18	17.7

Table 7
Soil Vapor Extraction System - Performance Data
ARCO Service Station No. 465
151 Southgate Avenue, Daly City, California

Operational Data									FID / PID Readings	
Date	Notes	Arrival Status	Departure Status	SVE Hours	Period Uptime (%)*	Total Uptime (%)*	Vapor Extraction Flow (scfm)	Oxidizer Temp. (^{o}F)	Influent (ppmv)	Effluent (ppmv)
3/27/2018	o	on	off	20,405.90	67%	43%	255	1,511	--	--
4/10/2018		off	on	20,407.08	0%	43%	290	1,520	--	--
4/12/2018		on	on	20,452.99	96%	43%	220	1,528	7.8	1.3
4/19/2018	ad	on	off	20,614.93	96%	43%	--	1,511	--	--
5/10/2018		off	on	20,615.85	0%	42%	--	1,507	--	--
5/15/2018	aa	off	on	20,709.38	78%	42%	283	1,509	0.5	1.4
5/31/2018	ad,af	on	off	21,096.92	100%	43%	279	1,510	16.8	5.2
6/12/2018		off	on	21,099.00	1%	43%	--	1,505	--	--
6/13/2018	ae	on	on	21,117.55	77%	43%	290	1,515	13.3	5.2
6/28/2018	ac,ae	on	off	21,483.26	100%	43%	260	1,510	7.8	8.0
7/9/2018	ae	off	off	21,487.58	2%	43%	271	1,511	6.1	2.3
7/26/2018		off	on	21,489.20	0%	42%	--	--	--	--
7/27/2018		on	on	21,503.34	59%	43%	285	1,517	4.8	1.6
8/9/2018	f	off	on	21,648.97	47%	43%	282	1,514	1.2	2.3
8/21/2018	w	off	on	21,750.21	35%	42%	--	--	--	--
8/22/2018	ae,af	on	off	21,770.00	82%	43%	282	1,510	1.8	3.8
9/4/2018		off	on	21,771.76	1%	42%	--	--	--	--
9/5/2018		on	on	21,772.73	4%	42%	--	1,517	6.6	1.7
9/17/2018	ad	on	off	22,065.84	100%	43%	250	1,510	2.7	1.0
9/28/2018		off	on	22,067.49	1%	42%	--	1,510	--	--
10/1/2018		on	on	22,137.52	97%	42%	235	1,508	4.6	2.2
10/8/2018		on	on	22,307.69	100%	43%	265	1,509	--	--
10/18/2018		on	on	22,543.56	98%	43%	267	1,511	2.3	2.2
10/22/2018	aa,ab	off	on	22,615.13	75%	43%	--	--	--	--
10/23/2018	ag,o	on	off	22,642.08	100%	43%	--	--	--	--
11/2/2018		off	on	22,642.08	0%	43%	--	--	--	--

Table 7
Soil Vapor Extraction System - Performance Data
ARCO Service Station No. 465
151 Southgate Avenue, Daly City, California

Operational Data									FID / PID Readings	
Date	Notes	Arrival Status	Departure Status	SVE Hours	Period Uptime (%)*	Total Uptime (%)*	Vapor Extraction Flow (scfm)	Oxidizer Temp. (^{o}F)	Influent (ppmv)	Effluent (ppmv)
11/5/2018		on	on	22,711.37	96%	43%	298	1,511	2.0	1.3
11/19/2018	ad	on	off	23,048.84	100%	43%	250	1,504	4.0	2.1
12/4/2018	ah	off	on	23,048.84	0%	43%	--	--	--	--
12/5/2018		on	on	23,064.74	66%	43%	296	1,517	5.2	0.3
12/17/2018	ad	on	off	23,357.00	100%	43%	264	1,507	1.6	0.8
1/9/2019		off	on	23,360.38	1%	43%	--	--	--	--
1/10/2019		on	on	23,381.16	87%	43%	252	1,509	7.4	2.2
1/24/2019	ai	off	off	23,530.62	44%	43%	299	1,510	0.6	0.2
3/15/2019	aj	off	on	23,624.61	8%	42%	--	--	--	--
3/22/2019	ad	on	off	23,791.92	100%	42%	272	1,512	6.7	0.5
4/4/2019		off	on	23,793.00	0%	42%	--	1,498	--	--
4/22/2019		on	on	24,221.73	100%	42%	282	1,506	--	--
4/24/2019		on	on	24,264.64	89%	42%	288	1,510	2.5	0.6
5/6/2019	ak	off	on	24,468.20	71%	43%	--	1,506	--	--
5/7/2019		on	on	24,481.65	56%	43%	299	1,517	8.7	2.3
5/16/2019	al, am	on	off	24,702.82	100%	43%	--	--	--	--
5/20/2019	am	off	off	24,706.53	4%	43%	--	--	--	--
5/21/2019		off	on	24,710.54	17%	43%	271	1,506	2.0	2.1
6/7/2019	an, ae	off	off	24,878.10	41%	43%	288	1,513	3.9	5.9
7/1/2019		off	on	24,882.45	1%	42%	240	1,516	1.0	1.3

Table 7
Soil Vapor Extraction System - Performance Data
ARCO Service Station No. 465
151 Southgate Avenue, Daly City, California

Operational Data									FID / PID Readings	
Date	Notes	Arrival Status	Departure Status	SVE Hours	Period Uptime (%)*	Total Uptime (%)*	Vapor Extraction Flow (scfm)	Oxidizer Temp. (^{o}F)	Influent (ppmv)	Effluent (ppmv)
System on intermittently from 7/11-8/6 for Pilot Test Data Collection										
9/10/2019	ao	off	on	--	--	--	--	--	--	--
9/19/2019	ap	off	on	24,982.18	5%	41%	250	1,509	10.4	0.8
9/25/2019	ap	off	on	25,029.48	33%	41%	280	1,510	--	--
10/8/2019		on	on	25,337.31	100%	41%	145	1,506	--	--
10/16/2019	ai	off	on	25,427.22	47%	41%	291	1,491	0.2	0.8
10/28/2019	ap	off	on	25,554.05	44%	41%	--	--	--	--
11/7/2019	aq	off	off	25,718.45	69%	42%	276	1,514	0.3	1.5
TOTAL OPERATION HOURS:							**25,718**			
TOTAL OPERATIONAL UPTIME (%)							**42%**			
PERIOD AVERAGE FLOW RATE (scfm):							**237**			
***Calculation includes both planned and unplanned downtime.**										

Table 7
Soil Vapor Extraction System - Performance Data
ARCO Service Station No. 465
151 Southgate Avenue, Daly City, California

Notes:

a = System startup and shakedown in carbon abatement mode
b = PID used for influent, mid-influent, and effluent compliance readings
c = Field optimization following sample collection
d = Well V-10 turned off and well MW-10 turned on prior to departing site
e = Well MW-10 turned off and well V-10 turned on prior to departing site, pending receipt of analytical results.
f = System found shut down due to a triggered glass-covered emergency switch outside the compound
g = System found shut down due to tripped breakers for the enclosure exhaust fan. System was kept shut down in preparation for quarterly groundwater monitoring.
h = Liquid tight electrical conduit for oxidizer exhaust thermocouple was found needing replacement due to heat stress. System was shut down pending replacement.
i = Liquid tight electrical conduit and wiring for oxidizer exhaust thermocouple were replaced. The system was temporarily restarted, tested, and shut down.
j = System temporarily restarted to collect vapor samples and shut down.
k= System restarted based on vapor sample results.
l= System found down on arrival due to flame loss in oxidizer during a drive-by visit conducted on 2/10/14. Restarted w/o incident.
m = System emergency stop was triggered by unknown party following the 5/19/14 site visit. System was inspected for damage then restarted on 5/21/14.
n= System found down on arrival due to possible power failure. System restarted without incident. Effluent FIDs were inadvertently not collected during this visit.
o= System shutdown to accommodate drilling in vicinity of extraction wells. Operated for data collection and shutdown on departure.
p= System down to accommodate drilling in vicinity of extraction wells. Operated for compliance sample collection. System shutdown on departure for rebound testing purposes.
q= Operated on full dilution during visit for quarterly inspection and shut down on departure.
r= Deep extraction well feasibility test. System operated on deep screened extraction well V-11 only. SVE hourmeter reading at end of test.
s= Deep extraction well pilot test. System operated on deep screened extraction well V-11 only. SVE hourmeter reading at end of test.
t= Deep extraction well pilot test. System operated on deep screened extraction well V-11 only. SVE system hours at end of event inadvertently not recorded. Hours calculated based on runtime.
u = System startup following SVE extraction well network expansion. System operating on deep screened extraction wells only.
v = System down due to high level condition in the knock out tank.
w = System found down due to failure to maintain set point, low process air flow alarm PSL-701.
x = System restarted briefly for testing of the newly installed pressure transmitter and collection of monthly system samples. System shut down following sample collection for MTBE rebound monitoring.
y = Site walk with Antea technicians. Official Site transfer and SVE system O&M to Antea (from Stantec). No O&M conducted this day. Antea Group left SVE system off until their engineers could evaluate the sy
z = Air sample vacuum box was malfunctioning. Unable to collect samples for field and lab analysis.
aa = System down on arrival. Oxidizer panel system alarm "Power Failure". System restarted by technician.
ab = System down on arrival. Alarm reads "High Gas Pressure". System restarted by technician.
ac = System shutdown due to full knockout tank.
ad = System shutdown for two week on/off pulse cycle.
ae = System briefly turned on for performance readings. Shut down on departure because of permit compliance concerns.
af = Conflicting PID readings at different times. Suspected cross contamination with 743 system.
ag = No field notes taken during site visit on 10/23 when system was turned off - system hours at site visit determined by system hour reading prior to turning system on during 11/2 visit.
ah = No field notes taken during site visit on 12/4 to turn on system - system hours at site visit determined by system hour reading from previous site visit 11/19 when system was turned off
ai = System down on arrival. Alarm reads "Oxidizer externally disabled".
aj = System up and down during period between 1/24 and 3/25 site visits for repairs. No field notes (SVE hours, etc.) taken during repair work.
ak = System down on arrival. Alarm reads "Low Flow".
al = System shutdown for groundwater gauging and/or sampling activities.
am = Unable to start system due to continuous purge issue.
an = System shutdown May 30 to accommodate well development and groundwater sampling activities. No field notes taken at time of shutdown.
ao = System restarted. No field notes taken during start up activities.
ap = System emergency stop was triggered by unknown party. System was inspected for damage then restarted.
aq = System off due to an oxidizer air flow alarm. System restarted to collect compliance samples then shutdown to follow 30-day pulsing cycle

Table 7
Soil Vapor Extraction System - Performance Data
ARCO Service Station No. 465
151 Southgate Avenue, Daly City, California

Abbreviations:

"Hg	Inches of mercury
scfm	Standard cubic feet per minute
°F	Degree Fahrenheit
ppmv	Parts per million by volume as hexane
CARBON	Carbon abatement mode
lbs	Pounds
NC	Not collected/ not calculated
FID	Flame ionization detector
PID	Photoionization detector
--	Not calculated
bold	Current reporting period

BAAQMD Permit-to-Operate Requirements (Plant # 20770):

Permit-to-Operate expires July 1, 2020.

1. Influent flow rate shall not exceed 300 scfm.
2. Efficiency of the abatement device shall be maintained at the following levels:
   a) 98.5% for inlet concentrations ≥ 2000 ppmv
   b) 97% for inlet concentrations 200 ppmv - 2000 ppmv
   c) 90% for inlet concentrations <200 ppmv
   d) If effluent <10 ppm, destruction efficiency does not apply
3. While operating the Thermal Oxidizer, in no event shall total emissions to the atmosphere exceed the following limits:
   Benzene - 1.0E-02 lb/day
   Ethylbenzene - 1.1E-01 lb/day
4. When operating as a Thermal Oxidizer, the minimum operating temperature shall not be less than 1400 degrees F.
5. When operating as a Catayltic Oxidizer, the minimum operating temperature shall not be less than 600 degrees F.

Table 8
Soil Vapor Extraction System - Analytical Data and Mass Recovery / Emissions
ARCO Service Station No. 465
151 Southgate Avenue, Daly City, California

Vapor System Influent Analytical												Vapor System Influent Mass Recovery (lbs)								
(In order to show best estimate, recovery calculations assume half of the detection limit when the compound is reported as less than the detection limit.)											Total Influent PCE[a]	GRO			Benzene			MtBE		
Date	Notes	Hourmeter Reading	Avg. Flow (scfm)	GRO (ppmv)	Benzene (ppmv)	Toluene (ppmv)	Ethylbenzene (ppmv)	Xylenes (ppmv)	MtBE (ppmv)	PCE (ppmv)	(lbs/day)	Period	Cum.	lbs/day	Period	Cum.	lbs/day	Period	Cum.	lbs/day
7/2/12	a	36.2	183	330	<0.67	<0.67	<0.67	1.1	28	<0.67	0.0000	34	34	22	0.027	0.027	0.018	2.5	2.5	1.7
8/30/12		50.6	201	1,100	8.8	25	<6.7	40	340	0.047	0.0000	30	64	51	0.15	0.18	0.25	6.8	9.3	11.5
10/22/12		62.0	275	2,300	15	67	7.8	55	390	<0.20	0.000	71	135	149	0.32	0.49	0.66	13.4	23	28
11/7/12		302.6	262	2,100	9.9	77	13	120	590	<5.0	0.00	2,176	2,310	217	6.72	7.2	0.67	427.2	450	43
11/20/12		535.5	253	1,800	7.2	83	15	118	300	<6.0	0.00	1,791	4,101	185	4.36	12	0.45	360.3	810	37
12/4/12		794.5	244	1,200	3.7	49	10	81	230	<0.80	0.00	1,480	5,582	137	2.81	14	0.26	230.5	1,041	21
12/19/12		1,037.3	191	1,900	3.9	67	14	120	150	<0.86	0.00	1,256	6,837	124	1.82	16	0.18	135.7	1,176	13
1/2/13		1,116.3	208	1,700	4.2	62	10	89	160	<0.88	0.00	434	7,272	132	0.58	17	0.18	33.0	1,209	10
1/17/13		1,134.8	198	1,700	4.3	54	11	110	150	<0.25	0.000	98	7,370	127	0.14	17	0.19	7.9	1,217	10
1/30/13		1,310.9	190	860	2.1	35	7.8	69	78	<0.10	0.000	670	8,039	91	0.87	18	0.12	52.6	1,270	7.2
2/13/13		1,647.0	194	860	1.3	21	6.1	49	51	<0.10	0.000	851	8,890	61	0.91	19	0.06	56.2	1,326	4.0
2/26/13		1,958.3	195	600	0.96	16	4.0	29	31	<0.050	0.000	677	9,567	52	0.58	19	0.04	33.5	1,360	2.6
3/14/13		2,342.7	203	980	1.9	35	7.8	70	44	<0.10	0.000	925	10,493	58	1.09	20	0.07	38.7	1,398	2.4
3/26/13		2,633.2	163	1,200	2.0	42	12	110	31	<0.10	0.000	887	11,379	73	0.94	21	0.08	26.9	1,425	2.2
4/10/13		2,846.8	233	1,200	1.1	18	4.7	49	19	<0.10	0.000	778	12,157	87	0.53	22	0.06	14.3	1,440	1.6
4/23/13		3,158.6	168	940	1.2	21	6.3	56	14	<0.10	0.000	1,025	13,182	79	0.65	23	0.05	13.9	1,453	1.1
5/6/13		3,470.6	192	760	0.63	15	4.6	43	10	<0.010	0.0000	731	13,913	56	0.41	23	0.03	9.1	1,463	0.70
5/22/13		3,677.0	270	560	0.64	9.1	2.2	25	9.3	<0.050	0.0000	482	14,395	56	0.27	23	0.03	6.2	1,469	0.72
6/6/13		3,780.5	184	610	0.77	10	2.7	31	8.0	<0.050	0.0000	211	14,606	49	0.15	23	0.04	2.7	1,472	0.64
6/20/13		4,116.6	186	530	0.51	12	2.3	38	8.2	<0.080	0.0000	543	15,149	39	0.33	24	0.02	6.8	1,478	0.49
7/2/13		4,401.5	201	330	0.31	3.4	0.89	10	3.0	<0.020	0.0000	363	15,512	31	0.19	24	0.02	4.2	1,482	0.35
7/18/13		4,786.3	208	490	0.18	3.2	0.62	7.2	1.3	<0.068	0.0000	494	16,006	31	0.16	24	0.01	2.3	1,485	0.14
8/1/13		5,123.2	201	510	0.40	8.0	1.4	19	2.9	<0.10	0.0000	528	16,534	38	0.20	24	0.01	2.0	1,487	0.14
8/12/13		5,386.7	198	480	0.45	9.1	1.6	21	2.5	<0.050	0.0000	399	16,933	36	0.20	24	0.02	1.9	1,489	0.17
8/27/13		5,745.8	198	530	0.36	5.0	1.1	11	0.86	<0.050	0.0000	550	17,483	37	0.25	25	0.02	1.6	1,490	0.11
9/9/13		5,944.5	201.11	490	0.32	8.5	1.3	20	0.95	--	--	310	17,792	37	0.12	25	0.01	0.5	1,491	0.06
10/21/13		6,952.6	202	400	0.38	6.9	1.8	22	0.95	--	--	1,385	19,178	33	0.66	25	0.02	2.6	1,493	0.06
11/18/13		7,418.6	220	260	0.31	5.4	1.3	18	1.4	--	--	497	19,675	26	0.29	26	0.02	1.6	1,495	0.08
1/21/14		7,477.0	248	370	0.22	3.9	0.59	14	0.89	--	--	66	19,741	27	0.03	26	0.01	0.2	1,495	0.09
2/14/14		7,780.6	178	380	0.10	1.9	0.36	7	0.36	--	--	372	20,112	29	0.08	26	0.01	0.5	1,496	0.04
3/17/14		8,522.3	200	300	0.16	4.7	0.91	20	0.52	--	--	730	20,842	24	0.18	26	0.01	0.8	1,496	0.03
4/15/14		9,218.2	190	230	0.13	2.9	0.82	11	0.42	--	--	551	21,393	19	0.17	26	0.01	0.9	1,497	0.03
5/19/14		10,034.5	195	210	0.15	4.0	1.1	15	0.59	--	--	530	21,923	16	0.20	26	0.01	1.1	1,498	0.03
6/27/14		10,923.4	210	77	0.040	0.86	0.17	2.7	0.50	--	--	396	22,319	11	0.12	27	0.00	1.3	1,500	0.04
7/24/14		11,570.1	257	53	0.059	1.2	0.24	3.9	0.59	--	--	150	22,469	5.6	0.07	27	0.00	1.1	1,501	0.04
8/19/14		12,193.3	212	82	0.029	0.87	0.16	3.8	0.26	--	--	151	22,620	5.8	0.05	27	0.00	0.84	1,502	0.03
9/22/14		13,009.0	208	61	0.041	1.3	0.18	4.4	0.27	--	--	188	22,808	5.5	0.06	27	0.00	0.61	1,502	0.02
10/22/14		13,731.7	172	42	<0.050	0.98	0.20	5	0.26	--	--	108	22,916	3.6	0.06	27	0.00	0.49	1,503	0.02
11/21/14		14,452.8	219	71	0.041	1.0	0.20	5.3	0.28	--	--	122	23,038	4.1	0.06	27	0.00	0.51	1,503	0.02
12/12/14		14,546.2	225	37	0.0060	0.11	0.020	1.1	0.23	--	--	17	23,055	4.4	0.00	27	0.00	0.07	1,503	0.02
1/22/15		14,641.8	195	66	<0.012	<0.12	<0.012	0.70	2.5	--	--	16	23,071	4.0	0.00	27	0.00	0.37	1,504	0.09
12/14/16	b	14,976.4	340	<1.0	<0.20	<2.0	<0.20	<0.20	50	--	--	46	23,117	3.3	0.11	27	0.01	31.8	1,536	2.3
1/11/17		15,250.8	298	<1.0	0.00063	<0.0050	<0.00050	0.00064	25	--	--	1	23,118	0.12	0.05	27	0.00	44.4	1,580	3.9
1/17/17	b	15,258.8	323	<1.0	<0.010	<0.10	<0.010	<0.010	2.3	--	--	0	23,118	0.11	0.00	27	0.00	0.46	1,580	1.4
3/2/17	b	15,370.6	223	<1.0	<0.200	<2.00	<0.200	<0.200	24.0		--	0	23,119	0.10	0.04	27	0.01	5.4	1,586	1.2
7/18/17	b	16,028.0	260	<1.0	<0.0005	0.00051	<0.0005	<0.0005	11.0	--	--	2	23,121	0.09	0.10	27	0.00	37.5	1,623	1.4

Table 8
Soil Vapor Extraction System - Analytical Data and Mass Recovery / Emissions
ARCO Service Station No. 465
151 Southgate Avenue, Daly City, California

Vapor System Influent Analytical												Vapor System Influent Mass Recovery (lbs)								
(In order to show best estimate, recovery calculations assume half of the detection limit when the compound is reported as less than the detection limit.)											Total Influent PCE[a]	GRO			Benzene			MtBE		
Date	Notes	Hourmeter Reading	Avg. Flow (scfm)	GRO (ppmv)	Benzene (ppmv)	Toluene (ppmv)	Ethylbenzene (ppmv)	Xylenes (ppmv)	MtBE (ppmv)	PCE (ppmv)	(lbs/day)	Period	Cum.	lbs/day	Period	Cum.	lbs/day	Period	Cum.	lbs/day
8/9/17	b	16,551.8	304	2.4	0.24	<0.50	<0.050	<0.050	7.5	--	--	4	23,125	0.18	0.21	27	0.01	18.5	1,642	0.85
9/11/17	b	16,860.0	156	<0.5	<0.050	<0.50	<0.050	<0.050	5.8	--	--	2	23,127	0.12	0.07	27	0.01	6.4	1,648	0.50
10/16/17	b	17,619.5	290	<0.5	<0.0005	<0.005	<0.0005	<0.0005	0.49	--	--	1	23,128	0.04	0.03	27	0.00	7.2	1,655	0.23
11/2/17	b	18,028.3	270	<1.0	<0.050	<0.50	<0.050	<0.050	11.0	--	--	1	23,129	0.08	0.03	27	0.00	8.9	1,664	0.52
12/11/17	b	18,845.9		<1.0	<0.001	<0.05	<0.005	<0.005	0.52	--	--	2	23,131	0.05	0.02	27	0.00	8.6	1,673	0.25
1/11/18	b	19,158.7	290	<1.0	<0.010	<0.10	<0.010	<0.010	2.00	--	--	1	23,132	0.05	0.00	27	0.00	0.8	1,674	0.06
2/27/18	b	19,857.6	260	2.9	<0.033	<0.033	<0.033	<0.033	7.3	--	--	6	23,137	0.20	0.04	28	0.00	12.1	1,686	0.41
3/13/18	b,c	20,179.7	275	9.2	<0.00040	0.0011	<0.00040	<0.00080	8.1	--	--	8	23,145	0.60	0.01	28	0.00	9.0	1,695	0.67
4/12/18	b	20,452.9	220	4.0	<0.021	<0.021	<0.021	<0.041	3.9	--	--	7	23,152	0.60	0.01	28	0.00	5.5	1,700	0.48
5/15/18	b	20,709.4	283	1.6	<0.0057	<0.0057	<0.0057	<0.011	1.3	--	--	3	23,155	0.26	0.01	28	0.00	2.3	1,702	0.21
6/13/18	b,c	21,117.6	290	2.1	<0.012	<0.012	<0.012	<0.023	2.3	--	--	3	23,158	0.19	0.01	28	0.00	2.8	1,705	0.17
6/28/18	b,c	21,483.3	260	4.0	<0.018	0.051	<0.018	0.15	2.8	--	--	5	23,163	0.31	0.01	28	0.00	3.5	1,709	0.23
7/9/18	b,c	21,487.6	271	0.96	<0.0067	0.0091	<0.0067	<0.013	0.28	--	--	0	23,163	0.24	0.00	28	0.00	0.02	1,709	0.13
7/27/18	b	21,503.3	285	3.3	<0.065	<0.065	<0.065	<0.13	3.6	--	--	0	23,163	0.22	0.00	28	0.00	0.11	1,709	0.17
8/22/18	b,c	21,770.0	282	0.48 J	<0.0023	0.0088	<0.0023	<0.0046	0.48	--	--	2	23,165	0.20	0.02	28	0.00	2.1	1,711	0.19
9/17/18	b	22,065.8	250	1.8	<0.0064	<0.0064	<0.0064	<0.013	2.5	--	--	1	23,167	0.11	0.00	28	0.00	1.6	1,712	0.13
10/1/18	b	22,137.5	235	4.0	<0.023	<0.023	<0.023	<0.045	5.2	--	--	1	23,168	0.26	0.00	28	0.00	0.90	1,713	0.30
11/5/18	b	22,711.4	298	1.40 J	<0.008	<0.008	<0.008	<0.024	1.9	--	--	6	23,174	0.26	0.02	28	0.00	7.3	1,721	0.31
12/17/18	b	23,357.0	264	7.50 J	<0.030	<0.030	<0.030	<0.090	2.4	--	--	12	23,186	0.46	0.04	28	0.00	5.3	1,726	0.20
1/10/19	b	23,381.2	252	<2.2	<0.024	<0.024	<0.024	<0.024	1.8	--	--	0	23,187	0.46	0.00	28	0.00	0.18	1,726	0.18
3/22/19	b	23,791.9	272	<6.0	<0.024	<0.024	<0.024	<0.024	1.8	--	--	7	23,193	0.39	0.02	28	0.00	2.6	1,729	0.15
4/22/19	b	24,221.7	277	10.0	<0.031	<0.031	<0.031	<0.093	3.9	--	--	14	23,208	0.81	0.04	28	0.00	4.5	1,733	0.25
5/7/19	b	24,481.7	299	<15.0	<0.060	<0.060	<0.060	<0.180	5.0	--	--	14	23,222	1.32	0.04	28	0.00	4.5	1,738	0.41
5/21/19	b	24,710.5	271	<15.0	<0.060	<0.060	<0.060	<0.180	3.0	--	--	15	23,237	1.57	0.05	28	0.00	3.5	1,741	0.37
6/7/19	b	24,878.1	288	<5.0	<0.002	<0.002	<0.002	<0.006	0.2	--	--	7	23,244	1.03	0.02	28	0.00	1.0	1,742	0.15
7/1/19	b	24,882.5	240	<7.6	<0.030	<0.030	<0.030	<0.091	2.5	--	--	0	23,244	0.61	0.00	28	0.00	0.0	1,742	0.12
9/19/19	b	24,982.2	250	<4.2	<0.0005	<0.0005	<0.0005	<0.0025	5.6	--	--	2	23,247	0.53	0.00	28	0.00	1.3	1,744	0.32
10/16/19	b	25,427.2	291	<3.0	<0.0005	<0.0005	<0.0005	<0.0025	<0.0025	--	--	7	23,253	0.36	0.00	28	0.00	4.6	1,748	0.25
11/7/19	b	25,718.5	276	<3.0	0.0005	0.007	<0.0005	<0.0020	0.88	--	--	4	23,257	0.31	0.00	28	0.00	0.5	1,749	0.04
Limits:			**≤ 350**								**≤ 1.52**									

				GRO	Benzene	MtBE
Total Operating Hours:	25,718	Total Pounds Removed:		23,257	27.8	1,749

Table 8
Soil Vapor Extraction System - Analytical Data and Mass Recovery / Emissions
ARCO Service Station No. 465
151 Southgate Avenue, Daly City, California

Vapor System Effluent Analytical and Emissions																	
(In order to show worst case, emissions calculations assume the full detection limit when the compound is reported as less than the detection limit.)														Emissions			
Date	Notes	Hourmeter Reading	Avg. Flow (scfm)	GRO (ppmv)	Benzene (ppmv)	Toluene (ppmv)	Ethylbenzene (ppmv)	Xylenes (ppmv)	MtBE (ppmv)	TCE (ppmv)	PCE (ppmv)	VC (ppmv)	Destruction Efficiency	GRO (lbs/day)	Benzene (lbs/day)	Ethyl-benzene (lbs/day)	PCE (lbs/day)
7/2/12	a	36.2	183	1.8	0.0055	0.053	0.013	0.078	0.004	0.004	0.004	0.004	99.5%	0.121	0.00029	0.00093	0.00045
8/30/12		50.6	0	1.8	0.004	0.0084	0.004	0.0043	0.004	NC	0.010027739	NC	99.8%	0.127	0.00026	0.00064	0.00125
10/22/12		62.0	0	--	--	--	--	--	--	--	--	--	--	--	--	--	--
11/7/12		302.6	262	1.8	0.028	0.031	0.004	0.0202	0.0057	NC	NC	NC	99.9%	0.153	0.00106	0.00036	NC
11/20/12		0.0	253	1.8	0.004	0.0068	0.004	0.0056	0.004	NC	0.004	NC	99.9%	0.170	0.00118	0.00040	NC
12/4/12		794.5	0	1.8	0.006	0.018	0.0036	0.0323	0.011		NC	NC	99.9%	0.164	0.00036	0.00037	NC
12/19/12		0.0	0	--	--	--	--	--	--	--	--	--	--	--	--	--	--
1/2/13		0.0	0	2.7	0.0078	0.0053	0.0014	0.0054	0.0054		NC	NC	99.8%	0.187	0.00045	0.00022	NC
1/17/13		0.0	0	--	--	--	--	--	--	--	--	--	--	--	--	--	--
1/30/13		0.0	0	--	--	--	--	--	--	--	--	--	--	--	--	--	--
2/13/13		0.0	0	1	0.0013	0.01	0.0059	0.086	0.0021		NC	NC	99.9%	0.137	0.00026	0.00029	NC
2/26/13		1,958.3	195	--	--	--	--	--	--	--	--	--	--	--	--	--	--
3/14/13		2,342.7	203	1	0.0011	0.005	0.0005	0.002	0.002		NC	NC	99.9%	0.073	0.00007	0.00025	NC
3/26/13		0.0	0	--	--	--	--	--	--	--	--	--	--	--	--	--	--
4/10/13		0.0	0	1.3	0.0026	0.0074	0.0015	0.016	0.002		NC	NC	99.9%	0.092	0.00012	0.00008	NC
4/23/13		0.0	0	1.2	0.00096	0.005	0.00077	0.0075	0.002		NC	NC	99.9%	0.092	0.00010	0.00009	NC
5/6/13		0.0	0	1	0.0015	0.005	0.0016	0.0081	0.002		NC	NC	99.9%	0.073	0.00006	0.00008	NC
5/22/13		0.0	0	--	--	--	--	--	--	--	--	--	--	--	--	--	--
6/6/13		3,780.5	184	1.7	0.0033	0.0065	0.00088	0.006	0.002		NC	NC	99.7%	0.093	0.00013	0.00009	NC
6/20/13		4,116.6	186	--	--	--	--	--	--	--	--	--	--	--	--	--	--
7/2/13		4,401.5	201	1	0.0048	0.012	0.00075	0.0042	0.002		NC	NC	99.7%	0.095	0.00022	0.00006	NC
7/18/13		4,786.3	208	--	--	--	--	--	--	--	--	--	--	--	--	--	--
8/1/13		5,123.2	201	2.3	0.0034	0.011	0.0013	0.0063	0.002		NC	NC	99.5%	0.122	0.00024	0.00008	NC
8/12/13		5,386.7	198	--	--	--	--	--	--	--	--	--	--	--	--	--	--
8/27/13		5,745.8	198	--	--	--	--	--	--	--	--	--	--	--	--	--	--
9/9/13		5,944.5	201.11	1.8	0.00092	0.0054	0.00054	0.00054	0.0022	--	NC	NC	99.6%	0.151	0.00012	0.00007	NC
10/21/13		6,952.6	202	2.8	0.0039	0.021	0.005	0.022	0.002	--	NC	NC	99.3%	0.170	0.00014	0.00022	NC
11/18/13		7,418.6	220	1	0.0029	0.0052	0.0018	0.0096	0.002	--	NC	NC	99.6%	0.147	0.00021	0.00028	NC
1/21/14		7,477.0	248	1	0.0077	0.0054	0.0018	0.015	0.0066	--	NC	NC	99.7%	0.086	0.00036	0.00016	NC
2/14/14		7,780.6	178	3.5	0.0029	0.005	0.0005	0.00078	0.002	--	NC	NC	99.1%	0.176	0.00032	0.00010	NC
3/17/14		8,522.3	200	1.9	0.002	0.008	0.0006	0.0045	0.002	--	NC	NC	99.4%	0.187	0.00013	0.00004	NC
4/15/14		9,218.2	0	2	0.0027	0.005	0.0005	0.00069	0.002	--	NC	NC	99.1%	0.140	0.00013	0.00004	NC
5/19/14		0.0	0	1	0.0026	0.005	0.0005	0.00057	0.002	--	NC	NC	99.5%	0.106	0.00015	0.00004	NC
6/27/14		0.0	0	2.1	0.0043	0.0057	0.00073	0.0032	0.002	--	NC	NC	97.3%	0.115	0.00020	0.00005	NC
7/24/14		0.0	0	1.2	0.0033	0.005	0.0005	0.00072	0.002	--	NC	NC	97.7%	0.141	0.00025	0.00006	NC
8/19/14		0.0	0	2.1	0.0027	0.005	0.0005	0.0005	0.002	--	NC	NC	97.4%	0.142	0.00020	0.00005	NC
9/22/14		0.0	0	1.4	0.0017	0.005	0.0005	0.0005	0.002	--	NC	NC	97.7%	0.135	0.00013	0.00004	NC
10/22/14		0.0	0	1	0.0029	0.0041	0.00089	--	0.002	--	NC	NC	97.6%	0.084	0.00013	0.00005	NC
11/21/14		0.0	0	1	0.0026	0.005	0.00091	--	0.002	--	NC	NC	98.6%	0.072	0.00015	0.00007	NC
12/12/14		0.0	0	1	0.0014	0.005	0.0005	--	0.002	--	NC	NC	97.3%	0.081	0.00013	0.00006	NC
1/22/15		0.0	0	1	0.001	0.005	0.0011	--	0.002	--	NC	NC	98.5%	0.077	0.00007	0.00007	NC
12/14/16	b	0.0	0	1	0.0005	0.005	0.00065	--	0.002	0.002	NC	NC	0.0%	0.098	0.00006	0.00009	NC
1/11/17		0.0	298	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
1/17/17	b	0.0	323	1.5	0.0005	0.0084	0.0015	0.007	0.002	--	NC	NC	-50.0%	0.152	0.00005	0.00014	--
3/2/17	b	15,370.6	223	2.8	0.0005	0.005	0.0005	0.0005	0.002	--	NC		-180.0%	0.215	0.00004	0.00011	
7/18/17	b	0.0	260	1	<0.0005	<0.0005	<0.0005	<0.0005	<0.0020	--	NC	NC	0.0%	0.168	0.00003	0.00005	NC

Table 8
Soil Vapor Extraction System - Analytical Data and Mass Recovery / Emissions
ARCO Service Station No. 465
151 Southgate Avenue, Daly City, California

Vapor System Effluent Analytical and Emissions																	
(In order to show worst case, emissions calculations assume the full detection limit when the compound is reported as less than the detection limit.)														Emissions			
Date	Notes	Hourmeter Reading	Avg. Flow (scfm)	GRO (ppmv)	Benzene (ppmv)	Toluene (ppmv)	Ethylbenzene (ppmv)	Xylenes (ppmv)	MtBE (ppmv)	TCE (ppmv)	PCE (ppmv)	VC (ppmv)	Destruction Efficiency	GRO (lbs/day)	Benzene (lbs/day)	Ethyl-benzene (lbs/day)	PCE (lbs/day)
8/9/17	b	16,551.8	304	1.2	<0.0035	<0.016	<0.002	<0.040	<0.0020	--	NC	NC	50.0%	0.114	0.00016	0.00014	NC
9/11/17	b	16,860.0	156	1.1	<0.0005	<0.0050	<0.0005	<0.0005	<0.0020	--	NC	NC	-120.0%	0.097	0.00013	0.00012	NC
10/16/17	b	17,619.5	290	<1.0	<0.0005	<0.0050	<0.0005	<0.0005	<0.0020	--	NC	NC	-100.0%	0.086	0.00003	0.00004	NC
11/2/17	b	18,028.3	270	<1.0	<0.0005	<0.0050	<0.0005	<0.0005	0.0330	--	NC	NC	0.0%	0.103	0.00004	0.00005	NC
12/11/17	b	18,845.9		<1.0	0.0020	<0.0050	<0.0005	0.0061	<0.0020	--	NC	NC	0.0%	0.050	0.00005	0.00003	NC
1/11/18	b	19,158.7	290	<1.0	<0.00050	<0.0050	<0.00050	<0.00050	<0.0020	--	NC	NC	0.0%	0.053	0.00005	0.00003	NC
2/27/18	b	19,857.6	260	0.29	<0.00040	0.0056	0.0015	<0.00040	<0.00080	--	NC	NC	90.0%	0.065	0.00004	0.00011	NC
3/13/18	b,c	20,179.7	275	<2.2	<0.00040	0.00082	<0.00040	<0.00080	0.0012	--	NC	NC	76.1%	0.122	0.00003	0.00010	NC
4/12/18	b	20,452.9	220	1.1	0.00079	0.0032	<0.00040	<0.00080	<0.00080	--	NC	NC	72.5%	0.150	0.00004	0.00004	NC
5/15/18	b	20,709.4	283	0.29	<0.00040	0.0023	0.00050	0.0011	0.0023	--	NC	NC	81.9%	0.064	0.00004	0.00004	NC
6/13/18	b,c	21,117.6	290	0.77	<0.00040	0.0057	0.00052	0.0025	0.047	--	NC	NC	63.3%	0.056	0.00003	0.00006	NC
6/28/18	b,c	21,483.3	260	6.7	0.0082	0.067	0.0077	0.27	<0.0019	--	NC	NC	-67.5%	0.377	0.00034	0.00044	NC
7/9/18	b,c	21,487.6	271	1.1	0.0018	0.023	0.0028	0.023	<0.00080	--	NC	NC	-14.6%	0.380	0.00038	0.00054	NC
7/27/18	b	21,503.3	285	0.57	0.0019	0.013	0.0015	0.025	<0.00080	--	NC	NC	82.7%	0.085	0.00015	0.00023	NC
8/22/18	b,c	21,770.0	282	0.38 J	0.0012	0.011	0.00090	0.013	<0.00080	--	NC	NC	20.8%	0.049	0.00013	0.00013	NC
9/17/18	b	22,065.8	250	<1.7	0.0020	0.011	0.0021	0.0077	0.0090	--	NC	NC	5.6%	0.102	0.00012	0.00016	NC
10/1/18	b	22,137.5	235	0.50 J	<0.00040	0.0025	<0.00040	<0.00080	<0.00080	--	NC	NC	87.5%	0.098	0.00008	0.00012	NC
11/5/18	b	22,711.4	298	0.45 J	0.0078	0.0100	0.0070	0.0173	<0.00080	--	NC	NC	67.9%	0.046	0.00031	0.00038	NC
12/17/18	b	23,357.0	264	<0.10	<0.00040	0.0019	<0.00040	<0.00120	<0.00210	--	NC	NC	98.7%	0.028	0.00033	0.00041	NC
1/10/19	b	23,381.2	252	0.98	<0.00040	0.0025	0.00092	0.032	0.0011	--	NC	NC	55.5%	0.051	0.00003	0.00007	NC
3/22/19	b	23,791.9	272	0.24	<0.00056	0.0019	<0.00040	<0.00760	<0.0008	--	NC	NC	96.0%	0.059	0.00004	0.00007	NC
4/22/19	b	24,221.7	277	0.34	<0.00054	<0.00270	<0.00047	<0.00268	<0.0008	--	NC	NC	96.6%	0.029	0.00004	0.00005	NC
5/7/19	b	24,481.7	299	0.18	<0.00040	<0.00040	<0.00040	<0.00120	<0.00080	--	NC	NC	98.8%	0.027	0.00004	0.00005	NC
5/21/19	b	24,710.5	271	0.14	<0.00040	<0.00040	<0.00040	<0.00120	<0.00080	--	NC	NC	99.1%	0.017	0.00003	0.00004	NC
6/7/19	b	24,878.1	288	0.30	<0.00040	0.0004	<0.00040	<0.00120	<0.00080	--	NC	NC	94.0%	0.023	0.00003	0.00004	NC
7/1/19	b	24,882.5	240	0.13	<0.00040	<0.00040	<0.00040	<0.00120	<0.00080	--	NC	NC	98.3%	0.021	0.00003	0.00004	NC
9/19/19	b	24,982.2	250	<3.0	<0.00050	<0.0005	<0.00050	<0.0025	<0.002	--	NC	NC	28.6%	0.141	0.00003	0.00004	NC
10/16/19	b	25,427.2	291	<3.0	0.0032	<0.0005	<0.0005	<0.0025	<0.0020	--	NC	NC	0.0%	0.298	0.00014	0.00005	NC
11/7/19	b	25,718.5	276	<3.0	<0.00050	<0.0005	<0.0005	<0.0020	<0.0020	--	NC	NC	0.0%	0.312	0.00015	0.00006	NC
Limits:			**≤ 350**	Thermal Abatement Emissions Limits (lbs/day):										NA	≤ 0.010	≤ 0.11	NA

Definitions:

Cum.	Cumulative	Avg.	Average
lbs	Pounds	--	Data not available
ppmv	Parts per million by volume	<	Less than stated laboratory method reporting limit
scfm	Standard cubic feet per minute	PCE	Tetrachloroethene
GRO	Gasoline Range Organics	NC	Not collected
PCE	Tetrachloroethene	VC	Vinyl chloride
MtBE	Methyl tertiary-butyl ether	NA	Not Applicable

Test America Molecular Weights

GRO	100.00
Benzene	78.11
Ethylbenzene	106.16
MTBE	88.15

Standard Molecular Weights

PCE	165.83

Calculations:

Removal Rates = [Concentration (average of two consecutive values){ppmv}]*[molecular Weight/24.45(Gas Constant)]*(28.32 L/ft3)*(0.0022 lb/g)*(0.000001 g/ug)*(SCFM (average of two consecutive values))*(1440 min/day) ==> lbs/day
Period Removal =[Removal Rate (lbs/day)]*[Hours Operational (hr)] / (24 hr/day)
Emission = [Concentration (average of two consecutive values){ppmv}]*[molecular Weight/24.45(Gas Constant)]*(28.32 L/ft3)*(0.0022 lb/g)*(0.000001 g/ug)*(SCFM (average of two consecutive values))*(1440 min/day) ==> lbs/day
Lab data provided in ug/m3 converted to ppmv according to the equation: ug/m^3 / 1000 x 24.1 / MW = ppmv

Notes

a = Total Influent PCE calculated using full detection limit when the compound is reported as less than the detection limit.
b = Effluent GRO less than 10 ppmv. Destruction efficiency does not apply.
c = Suspected interference from cross-contamination of air tubing on the sample vacuum box.
d = Analytical results pending
J = Trace amount between RL and MDL
bold = Current reporting period

Table 9a
Soil Vapor Extraction System - Shallow Well Performance Data
ARCO Service Station No. 465
151 Southgate Avenue, Daly City, California

Date		SVE System			V-1			V-2			V-4			V-5			V-6			V-7		
		Hours	Applied Vacuum ("Hg)	Flow Rate (scfm)	Manifold Vacuum ("H_20)	Flow (scfm)	Inf. FID (ppmv)	Manifold Vacuum ("H_20)	Flow (scfm)	Inf. FID (ppmv)	Manifold Vacuum ("H_20)	Flow (scfm)	Inf. FID (ppmv)	Manifold Vacuum ("H_20)	Flow (scfm)	Inf. FID (ppmv)	Manifold Vacuum ("H_20)	Flow (scfm)	Inf. FID (ppmv)	Manifold Vacuum ("H_20)	Flow (scfm)	Inf. FID (ppmv)
6/29/2012	a	22	4	136	53	32	200	29	67	15	60	15	300	44	56	300	35	71	45	33	59	18
7/2/2012		NC	4	183	--	--	--	53	81	234	--	--	--	--	--	--	62	100	140	63	106	25
7/3/2012		36	3	161	45	50	2,262	--	--	--	52	9	193	52	43	248	--	--	--	--	--	--
8/29/2012		42	3	201	18	26	441	19	52	70	38	14	265-PID	22	34	312-PID	15	9	260-PID	23	57	125-PID
10/22/2012		62	3	275	33	26	2,766	26	65	94	33	27	440	30	40	483	31	35	106	29	51	26
10/24/2012		62	2	297	30	21	1,574	23	40	101	31	12	411-PID	27	23	443-PID	28	25	253	26	30	14
10/30/2012		114	2	288	26	24	2,821	19	42	76	27	8	524-PID	24	22	628-PID	22	30	467-PID	22	33	20
11/7/2012		303	3	262	40	19	2,938	31	43	95	39	15	>4440	35	19	455	35	23	517	33	25	108
11/13/2012		374	5	232	35	29	182	15	36	56	58	WET	38	38	29	54	--	--	--	13	30	28
11/20/2012		535	6	253	56	26	1,980	23	36	114	67	22	3,440	46	34	595-PID	--	--	--	27	23	165
11/27/2012		628	4	249	31	29	160	12	32	10	49	24	4,488	34	27	1,220	--	--	--	8	18	31
12/4/2012		794	5	244	48	24	981	20	30	40	61	23	5,270	42	29	1,610	--	--	--	18	20	61
12/12/2012		989	5	186	51	WET	1,440	20	WET	34	60	WET	6,400	41	WET	1,905	--	--	--	17	WET	72
12/19/2012		1,037	5	191	47	21	524	19	27	61	59	19	3,767	43	26	933	--	--	--	18	16	32
1/2/2013		1,116	6	208	56	WET	800	20	WET	133	69	WET	--	47	WET	1,050	--	--	--	18	WET	39
1/9/2013		1,127	6	208	53	23	1,021	19	38	196	70	14	9,370	46	37	2,770	--	--	--	16	22	138
1/17/2013		1,135	6	198	51	20	1228	18	46	290	70	WET	5,576	44	64	3,277	--	--	--	17	20	67
1/25/2013		1,190	4	247	46	23	522	17	29	15	53	166	1,810	38	160	WET	--	--	--	16	16	814
1/30/2013		1,311	5	190	46	23	323	17	28	22	53	171	1,840	37	24	605	--	--	--	16	15	57
2/8/2013	b	1,528	5	208	48	21	139	20	25	23	56	10	968	36	15	258	--	--	--	15	12	32
2/13/2013		1,647	5	194	49	16	297	17	26	38	56	16	670	36	27	500	--	--	--	15	16	16
2/21/2013		1,841	5	230	49	11	560	18	38	12	56	9	2,917	36	38	639	--	--	--	16	18	14
2/26/2013		1,958	5	195	50	20	172	OFF	28	10	55	15	1,815	35	22	487	OFF	18	51	OFF	9	19
3/6/2013	c	2,152	5	138	65	14	542	--	--	--	60	11	3,259	65	63	1,204	--	--	--	--	--	--
3/14/2013		2,343	8	203	104	>200	26	--	--	--	104	190	1,112	105	74	266	--	--	--	--	--	--
3/21/2013		2,509	8	230	104	13	672	--	--	--	103	20	3,275	105	73	1,049	--	--	--	--	--	--
3/26/2013		2,633	8	163	105	42	207	--	--	--	105	21	1,445	106	93	437	--	--	--	--	--	--
4/3/2013		2,822	8	199	107	30	101	--	--	--	106	25	823	107	64	242	--	--	--	--	--	--
4/10/2013		2,847	6	233	85	43	144	--	--	--	84	27	1,230	85	81	405	--	--	--	--	--	--
4/17/2013		3,014	8	247	105	30	453	--	--	--	104	18	2,510	106	82	801	--	--	--	--	--	--
4/23/2013		3,159	8	168	105	46	108	--	--	--	105	37	845	106	87	203	--	--	--	--	--	--
4/30/2013	d	3,326	8	193	106	34	163	--	--	--	105	31	751	106	69	360	--	--	--	--	--	--
5/6/2013	e	3,471	7	192	92	37	134	--	--	--	92	32	755	92	78	420	--	--	--	--	--	--
5/15/2013	d	3,599	6	280	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
5/22/2013		3,677	6	270	81	28	168	--	--	--	80	19	1,680	81	63	556	--	--	--	--	--	--
5/30/2013		3,774	7	250	88	14	343	--	--	--	87	13	1,651	88	53	821	--	--	--	--	--	--
6/6/2013	f	3,781	6	184	78	49	138	--	--	--	77	44	855	78	113	416	--	--	--	--	--	--
6/12/2013	g	3,930	7	187	90	42	115	--	--	--	89	36	625	90	95	300	--	--	--	--	--	--
6/20/2013	h	4,117	6	186	79	41	241	--	--	--	79	31	1,218	79	94	608	--	--	--	--	--	--
6/26/2013		4,259	6	183	78	27	430	--	--	--	78	31	1,895	--	--	--	--	--	--	--	--	--

Table 9a
Soil Vapor Extraction System - Shallow Well Performance Data
ARCO Service Station No. 465
151 Southgate Avenue, Daly City, California

Date	SVE System			V-1			V-2			V-4			V-5			V-6			V-7		
	Hours	Applied Vacuum ("Hg)	Flow Rate (scfm)	Manifold Vacuum ("$H_2$0)	Flow (scfm)	Inf. FID (ppmv)	Manifold Vacuum ("$H_2$0)	Flow (scfm)	Inf. FID (ppmv)	Manifold Vacuum ("$H_2$0)	Flow (scfm)	Inf. FID (ppmv)	Manifold Vacuum ("$H_2$0)	Flow (scfm)	Inf. FID (ppmv)	Manifold Vacuum ("$H_2$0)	Flow (scfm)	Inf. FID (ppmv)	Manifold Vacuum ("$H_2$0)	Flow (scfm)	Inf. FID (ppmv)
8/1/2013	5,123	7	201	89	29	221	--	--	--	88	24	1,120	89	80	640	--	--	--	--	--	--
8/5/2013	5,221	7	181	87	30	321	--	--	--	86	27	1,350	87	78	797	--	--	--	--	--	--
8/12/2013	5,387	7	198	87	29	220	--	--	--	86	25	890	87	78	567	--	--	--	--	--	--
8/22/2013	5,626	7	180	97	33	228	--	--	--	96	27	1,165	97	80	529	--	--	--	--	--	--
8/27/2013	5,746	7	198	96	27	173	--	--	--	95	23	1,020	96	74	429	--	--	--	--	--	--
9/3/2013	5,802	6	230	76	46	125	--	--	--	76	23	575	77	79	409	--	--	--	--	--	--
9/9/2013	5,945	7	201	94	30	152	--	--	--	93	24	900	94	71	444	--	--	--	--	--	--
9/17/2013	6,140	7	181	92	42	169	--	--	--	92	26	776	92	96	398	--	--	--	--	--	--
9/23/2013	6,285	7	141	92	66	186	--	--	--	91	36	780	92	136	393	--	--	--	--	--	--
10/1/2013	6,473	7	200	94	28	158	--	--	--	93	15	928	94	76	388	--	--	--	--	--	--
10/21/2013	6,953	7	202	95	80	119	--	--	--	94	87	406	95	70	250	--	--	--	--	--	--
11/5/2013	7,108	5	250	67	120	168	--	--	--	67	78	363	67	171	299	--	--	--	--	--	--
11/18/2013	7,419	5	220	63	59	200	--	--	--	62	65	270	63	58	243	--	--	--	--	--	--
1/13/2014	7,470	5	--	68	64	53	--	--	5	68	29	230	68	82	151	--	--	2	--	--	9
1/21/2014	7,477	4	248	51	--	142	--	--	0	51	--	398	51	--	316	52	--	32	--	--	0
1/27/2014	7,481	4	230	49	18	108	--	--	--	49	87	306	49	89	290	--	--	--	--	--	--
2/14/2014	7,781	6	178	75	95	169	--	--	--	75	WET	380	75	77	275	--	--	--	--	--	--
2/24/2014	8,019	6	200	76	35	93	--	--	--	75	WET	140	76	64	115	--	--	--	--	--	--
3/5/2014	8,236	8	175	76	WET	127	--	--	--	76	WET	256	77	78	172	--	--	--	--	--	--
3/11/2014	8,378	6	212	76	49	104	--	--	2	75	45	179	76	53	154	--	--	4	--	--	5
3/17/2014	8,522	6	200	74	48	166	--	--	--	74	40	270	75	48	209	--	--	--	--	--	--
4/15/2014	9,218	6	190	78	49	150	--	--	0	78	49	177	78	65	157	--	--	0	--	--	4
5/9/2014	9,796	7	188	90	53	118	67	104	4	90	51	219	91	77	177	67	112	2	66	97	7
5/19/2014	10,034	7	195	90	49	128	66	110	2	90	44	221	91	75	187	68	105	1	67	104	5
6/9/2014	10,493	7	220	91	36	119	--	--	--	91	31	189	92	104	212	--	--	--	--	--	--
6/27/2014	10,923	6	210	80	43	116	--	--	0	79	44	127	--	--	315	--	--	0	--	--	13
7/11/2014	11,260	4	230	71	49	126	--	--	--	71	45	143	--	--	--	--	--	--	--	--	--
7/24/2014	11,570	6	257	78	47	134	--	--	--	78	46	147	--	--	--	--	--	--	--	--	--
8/5/2014	11,857	6	206	79	40	195	--	--	--	78	38	166	--	--	--	--	--	--	--	--	--
8/19/2014	12,193	6	212	79	48	140	--	--	--	78	46	147	--	--	--	--	--	--	--	--	--
9/8/2014	12,674	6	200	79	46	113	--	--	--	78	41	105	--	--	--	--	--	--	--	--	--
9/22/2014	13,009	6	208	77	60	119	--	--	--	76	62	134	87	81	602	--	--	--	--	--	--
10/6/2014	13,349	6	178	76	52	114	--	--	--	75	47	95	--	--	--	--	--	--	--	--	--
10/20/2014	13,682	6	181	76	44	--	--	--	--	75	46	--	--	--	--	--	--	--	--	--	--
10/22/2014	13,732	6	172	76	61	111	--	--	--	76	42	97	--	--	--	--	--	--	--	--	--
11/3/2014	14,019	6	217	79	44	131	--	--	--	78	38	175	--	--	--	--	--	--	--	--	--
11/21/2014	14,453	6	219	78	--	770	--	--	--	77	--	860	--	--	--	--	--	--	--	--	--
12/2/2014	14,527	5	199	66	58	66	--	--	--	65	55	128	--	--	--	--	--	--	--	--	--
12/12/2014	14,546	5	225	67	61	65	--	--	--	66	--	89	--	--	--	--	--	--	--	--	--
1/5/2015	14,642	5	229	68	49	240	--	--	--	68	59	165	--	--	--	--	--	--	--	--	--
12/2/2016 i	14,689	3	263	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Table 9a
Soil Vapor Extraction System - Shallow Well Performance Data
ARCO Service Station No. 465
151 Southgate Avenue, Daly City, California

Date		SVE System			V-8			V-9			V-10			MW-1			MW-2			MW-5		
		Hours	Applied Vacuum ("Hg)	Flow Rate (scfm)	Manifold Vacuum ("H_20)	Flow (scfm)	Inf. FID (ppmv)	Manifold Vacuum ("H_20)	Flow (scfm)	Inf. FID (ppmv)	Manifold Vacuum ("H_20)	Flow (scfm)	Inf. FID (ppmv)	Manifold Vacuum ("H_20)	Flow (scfm)	Inf. FID (ppmv)	Manifold Vacuum ("H_20)	Flow (scfm)	Inf. FID (ppmv)	Manifold Vacuum ("H_20)	Flow (scfm)	Inf. FID (ppmv)
6/29/2012		22	4	136	26	72	2	38	65	420	37	57	365	43	33	4	49	40	6	31	83	400
7/2/2012		NC	4	183	53	90	139-PID	--	--	--	--	--	--	52	33	32-PID	61	59	14	--	--	--
7/3/2012		36	3	161	--	--	--	37	63	355-PID	52	61	281	--	--	--	--	--	--	37	79	490-PID
8/29/2012		42	3	201	15	20	100	16	25	490-PID	12	27	427-PID	33	43	422	35	33	120-PID	16	51	530-PID
10/22/2012		62	3	275	29	55	62	30	91	703	27	68	650	28	22	5	33	19	17	26	48	801
10/24/2012		62	2	297	25	33	155	27	29	395	25	29	160-PID	24	19	504-PID	29	17	98-PID	--	--	--
10/30/2012		114	2	288	20	35	472	23	34	670-PID	20	29	750-PID	21	20	40	26	20	57	--	--	--
11/7/2012		303	3	262	32	29	535	35	25	1008	33	43	675	33	15	118	39	13	28	31	WET	57
11/13/2012		374	5	232	--	--	--	34	45	2130	5	51	1,218	--	--	--	--	--	--	--	--	--
11/20/2012		535	6	253	--	--	--	45	43	710	64	43	975	--	--	--	--	--	--	--	--	--
11/27/2012		628	4	249	--	--	--	26	36	902	43	55	390	--	--	--	--	--	--	--	--	--
12/4/2012		794	5	244	--	--	--	39	34	780	55	44	900	--	--	--	--	--	--	--	--	--
12/12/2012		989	5	186	--	--	--	39	WET	1185	55	WET	1,842	--	--	--	--	--	--	--	--	--
12/19/2012		1,037	5	191	--	--	--	39	23	666	52	45	781	--	--	--	--	--	--	--	--	--
1/2/2013		1,116	6	208	--	--	--	44	WET	1063	59	WET	1,752	--	--	--	--	--	--	--	--	--
1/9/2013		1,127	6	208	--	--	--	43	31	1759	58	114	2,801	--	--	--	--	--	--	--	--	--
1/17/2013		1,135	6	198	--	--	--	42	33	2000	58	65	2,050	--	--	--	--	--	--	--	--	--
1/25/2013		1,190	4	247	--	--	--	38	36	494	50	34	640	--	--	--	--	--	--	--	--	--
1/30/2013		1,311	5	190	--	--	--	36	26	420	50	30	737	--	--	--	--	--	--	--	--	--
2/8/2013	b	1,528	5	208	--	--	--	36	26	194	51	25	258	--	--	--	--	--	--	--	--	--
2/13/2013		1,647	5	194	--	--	--	40	25	271	51	36	302	--	--	--	--	--	--	--	--	--
2/21/2013		1,841	5	230	--	--	--	39	27	596	52	33	874	--	--	--	--	--	--	--	--	--
2/26/2013		1,958	5	195	OFF	12	10	38	18	257	52	21	396	--	--	--	--	--	--	--	--	--
3/6/2013	c	2,152	5	138	--	--	--	42	30	674	55	32	612	--	--	--	--	--	--	--	--	--
3/14/2013		2,343	8	203	--	--	--	104	53	285	104	56	277	--	--	--	--	--	--	--	--	--
3/21/2013		2,509	8	230	--	--	--	105	36	655	105	55	658	--	--	--	--	--	--	--	--	--
3/26/2013		2,633	8	163	--	--	--	105	51	325	105	76	318	--	--	--	--	--	--	--	--	--
4/3/2013		2,822	8	199	--	--	--	106	41	125	106	44	181	--	--	--	--	--	--	--	--	--

Table 9a
Soil Vapor Extraction System - Shallow Well Performance Data
ARCO Service Station No. 465
151 Southgate Avenue, Daly City, California

Date		SVE System			V-8			V-9			V-10			MW-1			MW-2			MW-5		
		Hours	Applied Vacuum ("Hg)	Flow Rate (scfm)	Manifold Vacuum ("$H_2$0)	Flow (scfm)	Inf. FID (ppmv)	Manifold Vacuum ("$H_2$0)	Flow (scfm)	Inf. FID (ppmv)	Manifold Vacuum ("$H_2$0)	Flow (scfm)	Inf. FID (ppmv)	Manifold Vacuum ("$H_2$0)	Flow (scfm)	Inf. FID (ppmv)	Manifold Vacuum ("$H_2$0)	Flow (scfm)	Inf. FID (ppmv)	Manifold Vacuum ("$H_2$0)	Flow (scfm)	Inf. FID (ppmv)
4/10/2013		2,847	6	233	--	--	--	84	74	146	85	74	211	--	--	--	--	--	--	--	--	--
4/17/2013		3,014	8	247	--	--	--	105	31	454	105	74	420	--	--	--	--	--	--	--	--	--
4/23/2013		3,159	8	168	--	--	--	104	75	154	104	74	193	--	--	--	--	--	--	--	--	--
4/30/2013	d	3,326	8	193	--	--	--	105	56	153	105	57	147	--	--	--	--	--	--	--	--	--
5/6/2013	e	3,471	7	192	--	--	--	92	62	185	99	96	65	--	--	--	--	--	--	--	--	--
5/15/2013	d	3,599	6	280	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
5/22/2013		3,677	6	270	--	--	--	80	51	179	--	--	--	--	--	--	--	--	--	--	--	--
5/30/2013		3,774	7	250	--	--	--	87	44	296	--	--	--	--	--	--	--	--	--	--	--	--
6/6/2013	f	3,781	6	184	--	--	--	77	102	125	--	--	--	--	--	--	--	--	--	--	--	--
6/12/2013	g	3,930	7	187	--	--	--	89	71	112	--	--	--	--	--	--	--	--	--	--	--	--
6/20/2013	h	4,117	6	186	--	--	--	78	83	238	--	--	--	--	--	--	--	--	--	73	153	4
6/26/2013		4,259	6	183	--	--	--	78	50	392	--	--	--	--	--	--	--	--	--	79	105	129
7/2/2013		4,402	6	201	--	--	--	79	41	313	--	--	--	--	--	--	--	--	--	80	87	203
7/12/2013		4,648	6	170	--	--	--	84	58	240	--	--	--	--	--	--	--	--	--	--	--	--
7/18/2013		4,786	7	208	--	--	--	90	42	296	--	--	--	--	--	--	--	--	--	--	--	--
7/22/2013		4,883	7	200	--	--	--	89	52	300	--	--	--	--	--	--	--	--	--	--	--	--
8/1/2013		5,123	7	201	--	--	--	87	48	154	--	--	--	--	--	--	--	--	--	--	--	--
8/5/2013		5,221	7	181	--	--	--	86	59	232	--	--	--	--	--	--	--	--	--	--	--	--
8/12/2013		5,387	7	198	--	--	--	86	52	138	91	93	70	--	--	--	--	--	--	--	--	--
8/22/2013		5,626	7	180	--	--	--	96	56	111	96	61	111	--	--	--	--	--	--	--	--	--
8/27/2013		5,746	7	198	--	--	--	95	52	128	95	53	107	--	--	--	--	--	--	--	--	--
9/3/2013		5,802	6	230	--	--	--	76	75	115	76	74	146	--	--	--	--	--	--	--	--	--
9/9/2013		5,945	7	201	--	--	--	93	50	143	93	52	124	--	--	--	--	--	--	--	--	--
9/17/2013		6,140	7	181	--	--	--	91	68	113	92	70	85	--	--	--	--	--	--	--	--	--
9/23/2013		6,285	7	141	--	--	--	91	97	122	91	97	89	--	--	--	--	--	--	--	--	--
10/1/2013		6,473	7	200	--	--	--	92	57	140	93	60	93	--	--	--	--	--	--	--	--	--
10/21/2013		6,953	7	202	--	--	--	94	39	91	94	48	95	--	--	--	--	--	--	--	--	--
11/5/2013		7,108	5	250	--	--	--	67	128	102	67	138	120	--	--	--	--	--	--	--	--	--
11/18/2013		7,419	5	220	64	52	3	62	--	105	62	--	58	--	--	--	--	--	--	--	--	--
1/13/2014		7,470	5	--	--	--	4	67	89	76	68	81	89	--	--	4	--	--	5	--	--	--
1/21/2014		7,477	4	248	--	--	21	50	--	189	51	--	204	--	--	0	--	--	36	--	--	0

Table 9a
Soil Vapor Extraction System - Shallow Well Performance Data
ARCO Service Station No. 465
151 Southgate Avenue, Daly City, California

Date		SVE System			V-8			V-9			V-10			MW-1			MW-2			MW-5		
		Hours	Applied Vacuum ("Hg)	Flow Rate (scfm)	Manifold Vacuum ("H_2O)	Flow (scfm)	Inf. FID (ppmv)	Manifold Vacuum ("H_2O)	Flow (scfm)	Inf. FID (ppmv)	Manifold Vacuum ("H_2O)	Flow (scfm)	Inf. FID (ppmv)	Manifold Vacuum ("H_2O)	Flow (scfm)	Inf. FID (ppmv)	Manifold Vacuum ("H_2O)	Flow (scfm)	Inf. FID (ppmv)	Manifold Vacuum ("H_2O)	Flow (scfm)	Inf. FID (ppmv)
1/27/2014		7,481	4	230	51	72	8	49	41	122	50	39	135	--	--	--	--	--	--	--	--	--
2/14/2014		7,781	6	178	--	--	--	75	WET	85	75	WET	55	--	--	--	--	--	--	--	--	--
2/24/2014		8,019	6	200	--	--	--	75	WET	39	75	49	27	--	--	--	--	--	--	--	--	--
3/5/2014		8,236	8	175	--	--	--	75	WET	61	76	49	40	--	--	--	--	--	--	--	--	--
3/11/2014		8,378	6	212	--	--	1	75	49	53	75	46	44	--	--	1	--	--	1	--	--	2
3/17/2014		8,522	6	200	--	--	--	74	41	87	74	43	68	--	--	--	--	--	--	--	--	--
4/15/2014		9,218	6	190	--	--	0	78	44	48	78	48	46	--	--	2	--	--	0	--	--	5
5/9/2014		9,796	7	188	63	--	1	90	62	66	90	68	66	74	78	5	76	--	0	72	119	4
5/19/2014		10,034	7	195	63	106	0	90	51	58	90	54	72	75	64	0	76	28	0	71	87	0
6/9/2014		10,493	7	220	--	--	--	91	90	68	91	67	88	--	--	--	--	--	--	--	--	--
6/27/2014		10,923	6	210	--	--	--	79	42	51	--	--	4	--	--	--	--	--	--	81	75	17
7/11/2014		11,260	4	230	--	--	--	73	47	54	--	--	--	--	--	--	--	--	--	74	79	16
7/24/2014		11,570	6	257	--	--	--	77	60	59	--	--	--	--	--	--	--	--	--	78	69	24
8/5/2014		11,857	6	206	--	--	--	78	41	77	--	--	--	--	--	--	--	--	--	80	79	23
8/19/2014		12,193	6	212	--	--	--	78	59	63	--	--	--	--	--	--	--	--	--	80	76	24
9/8/2014		12,674	6	200	--	--	--	78	36	70	--	--	--	--	--	--	--	--	--	79	77	25
9/22/2014		13,009	6	208	--	--	--	76	60	50	--	56	14	--	--	--	--	--	--	77	76	20
10/6/2014		13,349	6	178	--	--	--	75	46	32	--	--	--	--	--	--	--	--	--	76	75	14
10/20/2014		13,682	6	181	--	--	--	75	40	--	--	--	--	--	--	--	--	--	--	76	80	--
10/22/2014		13,732	6	172	--	--	--	75	51	46	--	--	--	--	--	--	--	--	--	77	83	13
11/3/2014		14,019	6	217	--	--	--	78	66	65	--	--	--	--	--	--	--	--	--	79	82	24
11/21/2014		14,453	6	219	--	--	--	77	--	65	--	--	--	--	--	--	--	--	--	78	--	109
12/2/2014		14,527	5	199	--	--	--	65	--	42	--	--	--	--	--	--	--	--	--	66	69	10
12/12/2014		14,546	5	225	--	--	--	66	38	29	--	--	--	--	--	--	--	--	--	67	51	5
1/5/2015		14,642	5	229	--	--	--	67	64	110	--	--	--	--	--	--	--	--	--	69	54	45
1/22/2015		14,645	5	195	--	--	--	53	--	143	--	--	--	--	--	--	--	--	--	54	58	39
12/2/2016	i	14,689	3	263	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Notes:

a PID used for vapor concentrations due to FID to flame out
b FID readings taken as methane and converted to hexane by instrument specific conversion factor
c Field optimization following sample collection
d Well V-10 turned off and well MW-10 turned on prior to departing site
e Well MW-10 turned off and well V-10 turned on prior to departing site
f Well V-10 turned off and well MW-10 turned on prior to departing site. Well V-10 data recorded in field notes for well MW-10 that was operating
g Well V-5 turned off and well MW-5 turned on prior to departing site
h Well MW-5 turned off after sampling and well V-5 turned on prior to departing site
i System restarted after extraction well network expansion. System operating on deep screened wells only (V-11, V-12 and V-13). All shallow wells closed.

"H_2O Inches of water
"Hg Inches of mercury
scfm standard cubic feet per minute
ppmv Parts per million by volume
FID Flame ionization detector
PID Photoionization detector
OFF Well only operated for short period of time to evaluate concentrations and flow and returned to closed position.
Wet Vapor flow in well too saturated with groundwater to measure
-- Not collected

Table 9b
Soil Vapor Extraction System - Deep Well Performance Data
ARCO Service Station No. 465
151 Southgate Avenue, Daly City, California

Date	Notes	SVE System				V-11				V-12				V-13			
		Hours	Applied Vacuum ("Hg)	Applied Vacuum ("H_2O)	Flow Rate (scfm)	Manifold Vacuum ("H_20)	Velocity fpm	Flow (scfm)	Inf. PID (ppmv)	Manifold Vacuum ("H_20)	Velocity fpm	Flow (scfm)	Inf. PID (ppmv)	Manifold Vacuum ("H_20)	Velocity fpm	Flow (scfm)	Inf. PID (ppmv)
12/2/2016		14,689	3.4	47	263	46	3220	70	f/o	46	1870	41	f/o	46	2120	46	f/o
12/14/2016		14,976	6.2	84	340	46	1510	33	f/o	73	3710	81	f/o	49	1280	28	f/o
1/2/2017		15,241	--	--	301	121	Wet	Wet	4.0	119	Wet	Wet	37	59	2030	44	8.0
1/11/2017		15,251	9.4	128	298	71	4710	103	15	95	4410	96	103	48	3710	81	6.5
1/17/2017		15,259	8.0	109	323	31	2460	54	8.0	30	2410	53	63	38	1750	38	10
3/2/2017	a	15,371	7.0	95	223	29	4400	96	18	46	4675	102	113	29	1146	25	12
3/16/2017	a	15,373	7.0	95	250	23	2109	46	25	38	2704	59	135	23	2017	44	12
7/17/2017		16,000	--	--	265	70	2830	62	--	70	2400	52	--	70	2870	63	--
7/18/2017		16,028	--	--	260	70	2795	61	--	70	2380	52	--	70	2910	63	--
7/19/2017		16,051	--	--	260	70	2890	63	--	70	2330	51	--	70	2900	63	--
8/9/2017	a	16,551	8.5	116	304	73	2400	52	27	72	1270	28	14	70	1600	35	4.3
9/11/2017	a	16,860	7.0	95	156	62	2270	50	6.5	62	1000	22	72	60	1400	31	3.2
10/3/2017	b	17,386	8.0	109	255	84	2775	61	--	83	2138	47	--	82	2460	54	--
10/16/2017	a	17,619	5.5	75	290	46	3657	80	0.3	46	2573	56	13	45	2582	56	0.1
11/2/2017	a	18,028	7.0	95	270	78	2756	60	16	78	1327	29	62	76	1464	32	4.5
11/29/2017	a	18,678	8.0	109	235	84	3360	73	2.5	84	2687	59	14	80	2560	56	1.3
12/11/2017	b	18,846	7.0	95		58	4790	104	52	58	3350	73	30	--	3630	79	39
12/22/2017	a	19,113	7.0	95	260	95	4300	94	4.6	95	3600	79	41	95	3700	81	5.8
1/11/2018		19,159	5.5	75	290	70	130	2.8	--	70	115	2.5	--	71	79	1.7	--
1/25/2018		19,425	5.0	68	--	72	--	--	--	72	--	--	--	72	--	--	--
2/5/2018		19,471	5.0	68	230	64	--	--	--	64	--	--	--	64	--	--	--
2/9/2018		19,566	6.5	88	260	39	3667	80	--	40	4042	88	--	45	3606	79	--
2/27/2018	a	19,858	6.0	82	260	80	3600	79	10	82	Wet	Wet	67	80	Wet	Wet	Wet
3/13/2018	a	20,180	6.1	83	275	63	--	150	8.1	86	--	80	19	84	Wet	Wet	Wet
4/12/2018	a	20,453	7.0	95	220	96	3321	72	4.9	96	1390	30	45	97	2100	46	5.5
5/15/2018	a	20,709	4.1	56	283	40	1404	29	1.3	42	1239	25	8.6	41	811	16	0.9
5/31/2018	a	21,097	5.0	68	279	54	2036	40	4.8	54	1067	21	47	54	1626	34	2.8
6/13/2018	a	21,118	3.4	46	290	47	2033	41	3.8	47	934	19	32	48	1270	25	2.7
6/28/2018	a	21,483	3.5	48	260	53	1976	39	--	54	873	17	--	54	1281	25	--
7/9/2018	a	21,488	3.0	41	271	46	2818	62	3.7	46	2079	45	8.5	44	2418	53	5.0
7/27/2018	a	21,503	3.6	49	285	51	2912	63	4.8	51	1843	40	22	52	2066	45	3.9
8/22/2018	a	21,770	3.0	41	282	32	1371	30	3.6	31	1437	14	11	30	813	18	2.4

Table 9b
Soil Vapor Extraction System - Deep Well Performance Data
ARCO Service Station No. 465
151 Southgate Avenue, Daly City, California

Date	Notes	SVE System				V-11				V-12				V-13			
		Hours	Applied Vacuum ("Hg)	Applied Vacuum ("H_2O)	Flow Rate (scfm)	Manifold Vacuum ("H_20)	Velocity fpm	Flow (scfm)	Inf. PID (ppmv)	Manifold Vacuum ("H_20)	Velocity fpm	Flow (scfm)	Inf. PID (ppmv)	Manifold Vacuum ("H_20)	Velocity fpm	Flow (scfm)	Inf. PID (ppmv)
9/17/2018	a	22,066	5.5	75	250	60	1974	43	4.5	60	912	20	33	60	1357	29	2.5
10/1/2018	a	22,138	7.0	95	235	82	1538	34	2.1	82	290	6	22.4	82	918	20	1.5
10/18/2018	a	22,547	4.0	54	267	62	1912	42	2.9	62	974	20	23	62	208	26	1.3
11/5/2018	a	22,711	2.0	27	298	32	2029	44	3.3	32	1181	26	12	32	1443	31	1.3
11/19/2018	a	23,049	4.2	57	250	64	Wet	Wet	8.4	62	Wet	Wet	37	60	Wet	Wet	6.8
12/5/2018	a	23,065	3.5	48	296	56	Wet	Wet	5.8	56	Wet	Wet	29	56	Wet	Wet	4.6
12/17/2018	a	23,357	6.0	82	264	70	Wet	Wet	2.8	70	Wet	Wet	21	68	Wet	Wet	2.9
1/10/2019	a	23,381	6.0	82	252	80	Wet	Wet	3.3	80	Wet	Wet	30	80	Wet	Wet	1.2
1/24/2019	a	23,531	3.0	41	299	44	Wet	Wet	0.3	44	Wet	Wet	2.2	44	Wet	Wet	0.5
3/22/2019	a	23,792	8.0	109	272	88	Wet	Wet	8.1	98	Wet	Wet	50	100	Wet	Wet	3.3
4/22/2019		24,222	6.0	82	282	69	Wet	Wet	--	68	Wet	Wet	--	68	Wet	Wet	--
4/24/2019	a	24,265	6.5	88	288	75	Wet	Wet	3.9	75	Wet	Wet	25	74	Wet	Wet	8.7
5/7/2019	a	24,482	7.0	95	299	68	4330	95	8.6	68	2080	45	27	68	3361	73	3.2
5/21/2019	a	24,711	5.5	75	271	73	4019	88	1.6	71	2205	48	10	72	2960	65	2.4
6/7/2019	a	24,878	5.0	68	288	52	4489	98	2.8	52	2794	61	4	52	3165	69	1.8
7/1/2019	a	24,882	9.0	122	240	74	4007	88	1.3	72	2002	44	4	74	2758	60	0.8
9/19/2019	a	24,982	8.0	109	250	--	--	--	--	110	5500	118	2.6	--	--	--	--
10/8/2019	b	25,337	6.5	88	145	--	--	--	--	94	3140	67	--	--	--	--	--
10/16/2019	a	25,427	5.5	75	301	--	--	--	--	80	3700	81	0.5	--	--	--	--
11/7/2019	a	25,718	6.0	82	288	--	--	--	--	90	3825	86	0.2	--	--	--	--
TOTAL OPERATION HOURS:				**25,718**													

Notes:

a	Vapor concentrations measured by PID
b	Air sample vacuum box was malfunctioning. Unable to measure vapor concentrations
bold	Current reporting period
"H_2O	Inches of water
"Hg	Inches of mercury
1 "Hg =	13.6087 "H_2O
scfm	standard cubic feet per minute
ppmv	Parts per million by volume
FID	Flame ionization detector
PID	Photoionization detector
--	Not collected
Wet	Vapor flow in well too saturated with groundwater to measure

Table 10a
Soil Vapor Extraction System - Shallow Well Parameters
ARCO Service Station No. 465
151 Southgate Avenue, Daly City, California

Soil Vapor Extraction Shallow Well Manifold Parameters

Date	V-1		V-2		V-4		V-5		V-6		V-7		V-8		V-9		V-10		MW-1		MW-2		MW-5		MW-10	
	O_2 (%)	CO_2 (%)	O_2 (%)	CO_2 (%)	O_2 (%)	CO_2 (%)	O_2 (%)	CO_2 (%)	O_2 (%)	CO_2 (%)	O_2 (%)	CO_2 (%)	O_2 (%)	CO_2 (%)	O_2 (%)	CO_2 (%)	O_2 (%)	CO_2 (%)	O_2 (%)	CO_2 (%)	O_2 (%)	CO_2 (%)	O_2 (%)	CO_2 (%)	O_2 (%)	CO_2 (%)
8/29/12	16.4	3.0	16.8	3.9	3.7	0.3	0.8	17.2	4.7	14.7	7.7	10.8	11.9	11.1	1.6	0.2	2.2	15.5	12.6	8.3	6.4	14.9	1.0	11.8	0.5	13.8
8/30/12	--	--	16.2	3.9	--	--	--	--	--	--	7.7	10.8	8.4	11.1	--	--	--	--	11.6	8.3	5.3	14.9	--	--	--	--
7/2/12	--	--	16.4	4.1	--	--	--	--	--	--	--	--	5.9	12.8	--	--	--	--	7.8	12.1	--	--	--	--	--	--
7/3/12	--	--	--	--	1.3	16.4	6.4	12.3	--	--	--	--	--	--	1.4	18.8	1.3	18.5	--	--	--	--	0.0	19.0	0.0	19.6
1/21/14	17.6	1.4	20.9	0.0	12.2	4.3	15.4	2.5	16.5	2.7	19.2	0.7	18.0	1.7	16.2	2.1	14.1	3.8	20.9	0.0	20.9	0.0	14.6	4.1	--	--
5/9/14	20.9	0.1	20.9	0.0	20.4	0.6	19.2	1.1	18.8	1.7	20.4	0.6	18.7	1.6	19.4	1.0	18.7	1.7	17.7	1.4	15.5	3.1	15.7	3.1	14.9	5.4
5/19/14	20.9	0.2	20.9	0.0	18.8	1.2	17.6	2.1	17.3	2.0	19.8	0.9	17.6	2.4	17.1	2.4	16.8	2.9	14.9	3.2	14.0	4.1	13.2	5.0	12.1	0.3
6/9/14	20.9	0.1	--	--	18.9	1.4	17.9	2.0	--	--	--	--	--	--	17.5	2.3	17.5	2.6	--	--	--	--	--	--	--	--
6/27/14	20.9	0.1	20.9	0.0	20.9	0.2	20.9	0.1	19.3	1.1	20.9	0.3	18.8	1.4	20.3	0.5	20.9	0.0	18.0	1.0	17.7	1.1	17.7	1.9	15.4	4.0
7/24/14	20.9	0.1	20.9	0.0	20.9	0.2	20.9	0.2	19.3	1.1	20.9	0.0	18.7	1.6	20.1	0.7	20.9	0.1	16.9	1.9	14.9	3.3	17.8	1.9	14.9	4.5
8/19/14	20.9	0.2	20.9	0.1	20.9	0.2	20.9	0.3	20.5	0.9	20.9	0.1	19.0	1.6	20.5	0.7	20.9	0.1	15.9	3.4	14.4	4.2	10.4	1.8	15.9	4.0
9/8/14	20.9	0.1	20.9	0.0	20.9	0.1	20.9	0.2	19.4	1.1	20.9	0.2	18.5	1.6	20.3	0.7	20.9	0.0	15.0	3.8	13.8	4.6	17.8	1.8	15.7	3.8
9/22/14	20.9	0.1	20.9	0.0	20.9	0.1	20.9	0.2	8.0	1.2	14.0	0.1	6.0	1.8	50.0	0.0	14.0	0.1	0.0	3.3	0.0	4.6	20.0	1.8	7.0	3.8
10/22/14	20.9	0.1	20.9	0.0	20.9	0.2	20.9	0.2	19.1	1.0	20.9	0.1	18.0	1.8	20.2	0.6	20.9	0.1	17.2	1.4	14.3	3.3	18.2	1.5	15.5	3.7
11/3/14	20.9	0.2	20.9	0.0	20.9	0.2	20.9	0.2	20.2	1.1	20.9	0.1	18.4	1.9	20.9	0.6	20.9	0.0	17.3	1.8	15.7	2.7	18.4	1.8	16.4	3.6
11/21/14	20.9	0.2	20.9	0.0	20.9	0.2	--	--	19.8	0.0	20.9	0.2	18.9	1.7	20.5	0.7	20.9	0.1	15.4	3.8	14.2	4.5	18.1	1.8	16.1	3.6
1/5/15	18.5	0.8	--	--	17.7	1.1	--	--	--	--	--	--	--	--	18.4	1.3	--	--	--	--	--	--	17.1	1.5	15.8	3.1
1/22/15	18.9	0.7	--	--	18.1	1.1	--	--	--	--	--	--	--	--	18.8	1.1	--	--	--	--	--	--	17.7	2.2	16.8	2.7
12/2/16	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
12/14/16	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
1/2/17	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
1/11/17	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
1/17/17	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Definitions:
O_2 = Oxygen
CO_2 = Carbon Dioxide

Table 10b
Soil Vapor Extraction System - Deep Well Parameters
ARCO Service Station No. 465
151 Southgate Avenue, Daly City, California

Soil Vapor Extraction Manifold Parameters

Date	V-11		V-12		V-13	
	O_2 (%)	CO_2 (%)	O_2 (%)	CO_2 (%)	O_2 (%)	CO_2 (%)
12/2/16	1.8	17.8	2.6	18.5	2.7	16.7
12/14/16	2.7	16.6	1.6	18.5	2.2	17.5
1/2/17	20.9	0.48	20.9	0.38	16.1	5.0
1/11/17	15.8	3.90	15.3	5.00	14.5	5.7
1/17/17	19.3	0.70	18.2	2.00	16.8	3.5
9/11/17	8.1	> 5	5.8	>5	6.4	>5
10/16/17	20.9	0.08	20.9	0.21	20.0	0.4
11/2/17	6.1	>5	5.8	>5	4.1	>5
11/29/17	6.9	>5	4.7	>5	5.0	>5
12/11/17	20.9	0.05	20.5	0.20	19.7	0.47
12/22/17	6.9	>5	4.1	>5	4.0	>5
1/11/18	--	--	--	--	--	--
1/25/18	--	--	--	--	--	--
2/5/18	--	--	--	--	--	--
2/9/18	--	--	--	--	5.9	10.9
2/27/18	--	--	--	--	--	--
3/13/18	17.8	--	17.8	--	--	--
4/12/18	6.7	9.5	6.4	9.7	4.6	11.1
5/15/18	16.4	2.4	13.9	4.2	15.2	3.4
5/31/18	8.0	8.4	11.4	5.9	5.6	10.2
6/13/18	7.5	9.4	4.9	11.3	5.0	11.1
7/9/18	20.1	0.1	19.3	0.7	19.8	0.2
7/27/18	18.2	2.4	15.1	5.0	16.8	4.1
8/22/18	18.2	2.2	16.4	3.5	17.4	3.0
9/17/18	7.6	9.0	4.4	11.0	5.6	10.2
10/1/18	9.1	7.4	6.9	9.0	14.4	4.2
10/18/18	8.8	8.2	6.4	9.5	5.5	10.4
11/5/18	16.4	5.0	13.6	7.3	13.6	6.9
11/19/18	8.2	8.4	6.4	9.4	15.2	3.9
12/5/18	9.0	8.0	4.8	10.7	17.0	3.0
12/17/18	8.2	8.3	4.7	10.5	8.0	8.3
1/10/19	10.6	7.3	9.5	8.7	7.8	9.2
1/24/19	20.8	0.0	18.9	1.4	16.2	4.7
3/22/19	11.7	9.0	18.4	2.2	6.1	10.7
4/22/19	9.2	13.1	9.4	12.7	15.4	4.5
5/7/19	14.6	4.6	18.5	2.0	11.7	6.8
5/21/19	18.5	1.3	16.2	3.0	15.7	3.9
6/7/19	18.0	1.5	16.9	2.8	18.2	3.4
7/1/19	20.8	0.3	20.5	0.4	20.8	0.3
9/19/19	--	--	19.8	1.2	--	--
10/8/19	--	--	--	--	--	--
10/16/19	--	--	20.9	0.1	--	--
10/28/19	--	--	--	--	--	--
11/7/19	--	--	21.0	0.0	--	--

Definitions:
O_2 = Oxygen
CO_2 = Carbon Dioxide

TABLE 11

Historical Soil Analytical Data 0-10 feet bgs

ARCO Service Station No. 465

151 Southgate Avenue

Daly City, CA

Sample I.D.	Date	Depth (ft bgs)	Benzene (mg/kg)	Ethylbenzene (mg/kg)	Napthalene (mg/kg)	Comments
LTCP Limit			**8.20**	**89.00**	**9.70**	
S-2-TP1	08/29/2000	2	< 0.005	< 0.005	--	
S-2-TP2	08/29/2000	2	< 0.005	< 0.005	--	
WO-1-8	10/21/1997	8	< 1	**2.7**	--	
WO-3-7	10/30/1997	7	< 0.25	< 0.25	--	
WO-4-4	10/30/1997	4	< 5	< 5	--	
T-1	03/05/1999	3	< 0.005	< 0.005	--	
T-2	03/05/1999	3	**18.00**	**45.00**	--	1999 Excavation Area. HA-4 and HA-5 (2020) confirm area is below LTCP limits.
T-2A	03/10/1999	10	**82.00**	**7.4**	--	1999 Excavation Area. HA-4 and HA-5 (2020) confirm area is below LTCP limits.
T-3	03/05/1999	3	< 0.005	< 0.005	--	
T-4	03/05/1999	3	**5.5**	**20.00**	--	
T-4A	03/10/1999	8	< 0.005	< 0.005	--	
T-5	03/05/1999	3	< 0.005	< 0.005	--	
T-6	03/05/1999	3	**2.00**	**7.4**	--	
T-6A	03/10/1999	4	< 0.005	< 0.005	--	
D-1	03/05/1999	3	**0.0087**	< 0.005	--	
D-2	03/05/1999	3	**120.00**	**100.00**	--	1999 Excavation Area. T-1 (1999), T-6 (1999), T-6A (1999), and HA-2 (2014) confirm area is below LTCP limits.
D-3	03/05/1999	3	< 0.005	< 0.005	--	
D-4	03/05/1999	3	**20.00**	**35.00**	--	1999 Excavation Area. HA-4 and HA-5 (2020) confirm area is below LTCP limits.
D-5	03/05/1999	3	< 2	**64.00**	--	
D-5A	03/10/1999	3.5	< 0.005	< 0.005	--	
D-6	03/05/1999	3	< 0.005	< 0.005	--	
D-7	03/05/1999	3	< 0.005	< 0.005	--	
D-8	03/05/1999	3	**0.99**	**1.5**	--	
D-8A	03/10/1999	8	< 0.005	< 0.005	--	
S-2-D1	09/06/2000	2	< 0.0125	< 0.0125	--	
S-2-D2	09/06/2000	2	< 2.5	**12.8**	--	
S-2-D3	09/06/2000	2	< 0.005	< 0.005	--	
S-2-D4	09/06/2000	2	< 0.005	< 0.005	--	

TABLE 11

Historical Soil Analytical Data 0-10 feet bgs

ARCO Service Station No. 465

151 Southgate Avenue

Daly City, CA

Sample I.D.	Date	Depth (ft bgs)	Benzene (mg/kg)	Ethylbenzene (mg/kg)	Napthalene (mg/kg)	Comments
S-2-D5	09/06/2000	2	< 0.005	< 0.005	--	
S-2-D6	09/06/2000	2	< 0.005	< 0.005	--	
S-2-D7	09/06/2000	2	< 0.005	< 0.005	--	
S-2-D8	09/06/2000	2	< 0.005	< 0.005	--	
S-5-D1N	09/06/2000	5	< 0.005	< 0.005	--	
S-5-D1S	09/06/2000	5	< 0.005	< 0.005	--	
S-5-D1W	09/06/2000	5	< 0.005	< 0.005	--	
S-5-D1E	09/06/2000	5	< 0.005	< 0.005	--	
S-5-D1B	09/06/2000	5	< 0.005	< 0.005	--	
S-6-D2N	09/06/2000	6	< 0.25	< 0.25	--	
S-6-D2S	09/06/2000	6	< 0.25	< 0.25	--	
S-6-D2E	09/06/2000	6	< 1.25	**2.63**	--	
S-6-D2W	09/06/2000	6	< 0.1	**0.121**	--	
S-6-D2B	09/06/2000	6	< 0.25	**0.397**	--	
S-5-D3N	09/06/2000	5	< 0.005	< 0.005	--	
S-5-D3S	09/06/2000	5	< 0.005	< 0.005	--	
S-5-D3E	09/06/2000	5	< 0.005	< 0.005	--	
S-5-D3W	09/06/2000	5	< 0.005	< 0.005	--	
S-5-D3B	09/06/2000	5	< 0.005	< 0.005	--	
CSB-6	01/20/1998	5	< 1.2	**8.9**	< 1, M1	
SB-1	11/29/2001	5	< 0.005	< 0.005	--	
SB-1	11/29/2001	9.5	< 0.005	**0.016**	--	
SB-1A	07/19/2005	6.5	< 0.05	< 0.05	--	
SB-2	07/18/2005	6.5	< 0.0048	< 0.0048	< 0.005, BU	
SB-3	07/18/2005	7.5	< 0.0048	< 0.0048	< 0.005, BU	
SB-14	01/07/2015	10	< 0.002	< 0.002	--	
SB-15	12/09/2014	10	< 0.002	< 0.002	--	
SB-16	01/13/2015	10	< 0.002	< 0.002	--	

TABLE 11

Historical Soil Analytical Data 0-10 feet bgs

ARCO Service Station No. 465

151 Southgate Avenue

Daly City, CA

Sample I.D.	Date	Depth (ft bgs)	Benzene (mg/kg)	Ethylbenzene (mg/kg)	Napthalene (mg/kg)	Comments
SB-17	01/08/2015	5	< 0.002	< 0.002	--	
SB-17	01/13/2015	10	< 0.002	< 0.002	--	
SB-18	10/21/2015	10	< 0.002	< 0.002	--	
SB-21	10/08/2015	3	< 0.1	< 0.1	< 0.25	
SB-21	10/08/2015	5	< 0.01	< 0.01	< 0.025	
SB-21	10/29/2015	10	< 0.002	< 0.002	< 0.005	
SB-22	10/08/2015	3	< 0.1	< 0.1	< 0.25	
SB-22	10/08/2015	5	< 0.0079	< 0.0079	< 0.02	
SB-22	10/29/2015	10	< 0.0057	< 0.0057	< 0.014	
SB-23	03/28/2018	3	< 0.0018	< 0.0018	< 0.03	
SB-23	03/28/2018	9	< 0.0016	< 0.0016	< 0.03	
SB-24	03/28/2018	5	< 0.0018	< 0.0018	< 0.03	
SB-24	03/28/2018	10	< 0.0019	< 0.0019	< 0.03	
SB-25	03/28/2018	4	< 0.0019	< 0.0019	< 0.03	
SB-25	03/28/2018	10	< 0.0021	< 0.0021	< 0.03	
SB-26	03/28/2018	5	< 0.0019	< 0.0019	< 0.03	
SB-26	03/28/2018	10	< 0.0020	< 0.0020	< 0.03	
SB-27	03/28/2018	4	< 0.0019	< 0.0019	< 0.03	
SB-27	03/28/2018	10	< 0.0018	< 0.0018	< 0.03	
SB-28	03/28/2018	5	< 0.0021	< 0.0021	< 0.029	
SB-28	03/28/2018	10	< 0.0019	< 0.0019	< 0.029	
SB-29	03/28/2018	5	< 0.0018	< 0.0018	< 0.029	
SB-29	03/28/2018	10	< 0.0019	< 0.0019	< 0.03	
SB-31	11/02/2018	5	< 0.0021GR	< 0.0021GR	< 0.33	
SB-31	11/02/2018	10	< 0.092	< 0.092	< 1.6	
SB-32	11/02/2018	3	< 0.0020	< 0.0020	< 0.33	
SB-32	11/02/2018	5	< 0.0021	< 0.0021	< 0.33	
SB-32	11/02/2018	10	< 0.0018	< 0.0018	< 0.33	
HA-1	12/10/2014	3	< 0.002	< 0.002	< 0.005	
HA-1	12/10/2014	5	< 0.002	< 0.002	< 0.005	
HA-2	12/10/2014	3	< 0.002	< 0.002	< 0.005	
HA-2	12/10/2014	5	< 0.002	< 0.002	< 0.005	
HA-3	12/09/2014	3	< 0.002	< 0.002	< 0.005	
HA-3	12/09/2014	5	< 0.002	< 0.002	< 0.005	
HA-4	02/18/2020	5	< 0.0019	< 0.0019	--	
HA-4	02/18/2020	10	< 0.0015	< 0.0015	--	
HA-5	02/18/2020	5	< 0.0018	< 0.0018	--	
HA-5	02/18/2020	9.5	< 0.0020	< 0.0020	--	

TABLE 11

Historical Soil Analytical Data 0-10 feet bgs

ARCO Service Station No. 465

151 Southgate Avenue

Daly City, CA

Sample I.D.	Date	Depth (ft bgs)	Benzene (mg/kg)	Ethylbenzene (mg/kg)	Napthalene (mg/kg)	Comments
MW-1	03/16/1992	5.5	< 0.005	< 0.005	--	
MW-1	03/16/1992	10	< 0.005	< 0.005	--	
MW-1R	12/09/2014	5	< 0.002	< 0.002	--	
MW-1R	12/19/2014	10	< 0.002	< 0.002	--	
MW-2	03/20/1992	5.5	< 0.005	< 0.005	--	
MW-4	05/20/1993	10	< 0.005	< 0.005	--	
MW-4D	01/26/2015	5	< 0.002	< 0.002	--	
MW-4D	12/09/2014	5	< 0.002	< 0.002	--	
MW-5	11/30/2001	5.5	< 2.5	**2.00**	**0.44**	
MW-6	11/29/2001	5.5	**0.0072**	< 0.005	--	
MW-7D	12/09/2014	5	< 0.002	< 0.002	--	
MW-10	06/29/2011	10	< 0.001	< 0.001	--	
MW-13	01/06/2015	10	< 0.002	< 0.002	--	
MW-14	01/05/2015	5	< 0.002	< 0.002	--	
MW-14	01/05/2015	10	< 0.002	< 0.002	--	
MW-15	12/17/2014	10	< 0.002	< 0.002	--	
V-1	03/17/1992	6	< 0.005	< 0.005	--	
V-2	03/19/1992	5.5	< 0.005	< 0.005	--	
V-3	03/17/1992	6	< 0.005	< 0.005	--	
V-4	03/26/1992	5	**0.11**	< 0.005	< 1, M1	
V-5	03/17/1992	5	< 0.005	< 0.005	--	
				6	--	
V-6	03/27/1992	5.5	< 0.005	< 0.005	--	
V-7	07/22/1992	5	< 0.005	< 0.005	--	
V-11	12/12/2014	10	< 0.0019	< 0.0019	--	
V-12	10/07/2015	5	< 0.002	< 0.002	--	
V-13	10/08/2015	5	< 0.002	< 0.002	--	

Table 11
Historical Soil Analytical Data 0-10 feet bgs
ARCO Service Station No. 465
151 Southgate Avenue
Daly City, CA

Notes:
GRO = Gasoline range organics
DRO = Diesel range organics
ORO = Oil range organics
TPH = Total recoverable petroleum hydrocarbons
ft bgs = feet below ground surface
mg/kg = milligrams/kilograms
-- = Not analyzed
< = Analyte was not detected above the specified reporting limit
1) Soil analyzed by EPA Method 8260B was taken from unpreserved soil jars
2) Sample analyzed out of hold for EPA Method 8260B
MTBE (CALUFT) and Ethanol not analyzed
BU = Samples analyzed after hold time expired.
EY = Result exceeds normal dynamic range; reported as a min. est.
GR = Internal Standard out of range
a = Hydrocarbon pattern is present in the requested fuel quantitation range but does not resemble the pattern of the requested fuel.
b = Chromatogram Pattern: Gasoline C6-C10
c = Chromatogram Pattern: Unidentified Hydrocarbons C6-C10
d = The closing calibration was outside acceptance limits by -20%. This should be considered in evaluating the result. The average % difference for all analytes met the 15% requirement and the QC suggests that calibration linearily is not a factor.
^ = Confirmed by EPA Method 8260B measured 11/30/01 other values measured 11/29/01.
M1 = The Method Reporting Limit (MRL) was elevated due to matrix interferences.
A= The sample contained 13,000 mg/kg heavy oil
B=The sample contained 2,300 mg/kg heavy oil
C=The sample contained 380 mg/kg heavy oil
D=The sample contained 220 mg/kg heavy oil
E=The sample contained 430 mg/kg heavy oil
F=The sample contained 63 mg/kg heavy oil
G=Sample contains higher boiling point hydrocarbon mixture quantitated as gasoline. The chromatogram did not match the typical gasoline footprint.
LTCP Limit = 0-10 ft bgs benzene, ethylbenzene, and naphthalene contamination limits as defined by the California State Water Resources Control Board's 2012 *Low-Threat Underground Storage Tank Case Closure Policy.*

Table 12
Consituents of Concern Reduction
ARCO Service Station No. 465
151 Southgate Avenue
Daly City, CA

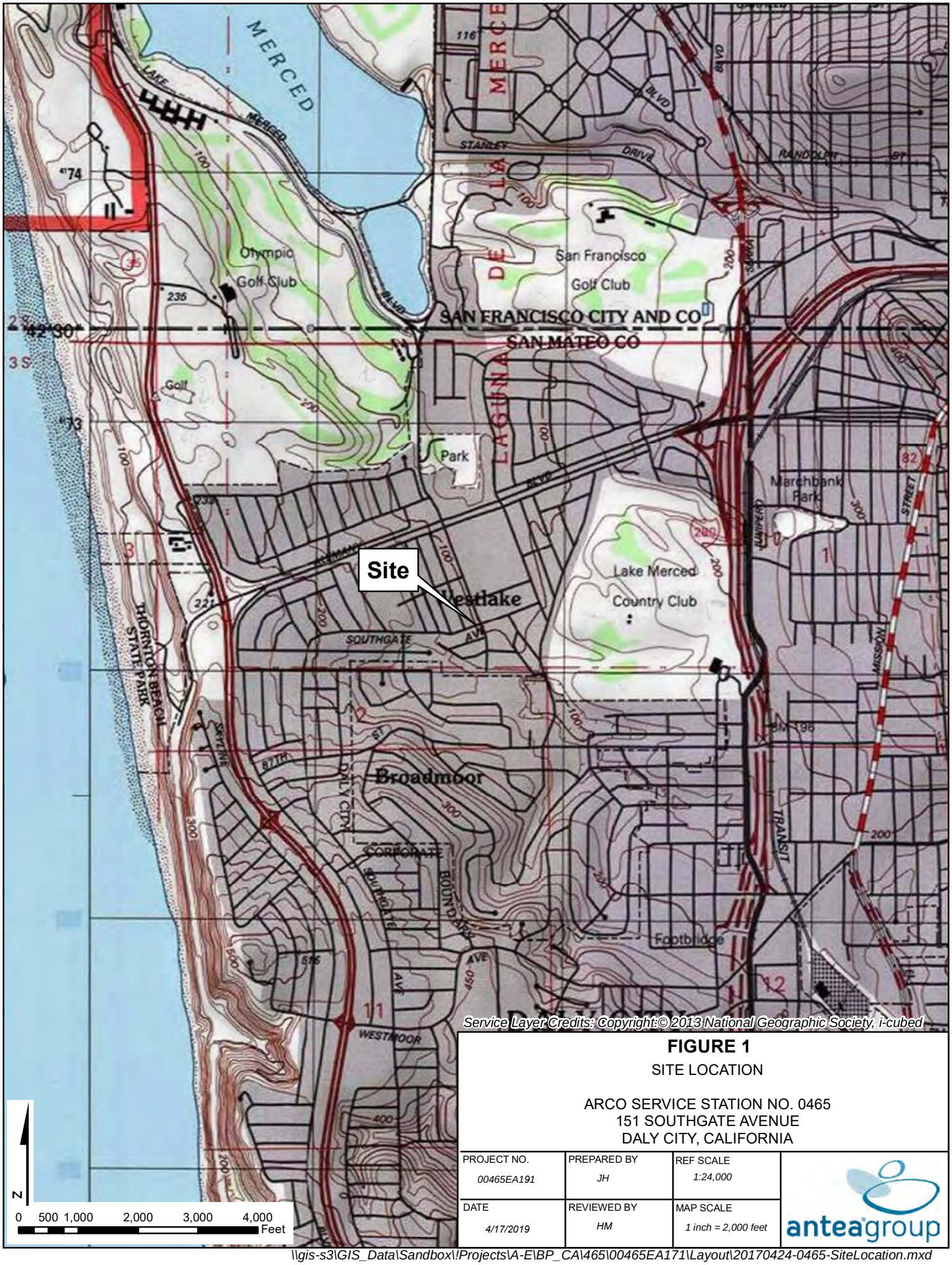
Well ID	GRO (µg/L)			Benzene (µg/L)			MTBE (µg/L)			Percent Reduction			Notes
	Max	Min	Most Recent	Max	Min	Most Recent	Max	Min	Most Recent	GRO	Benzene	MTBE	
MW-1	28000	70	<50	5300	0.5	<0.5	1000	0.88	2.7	99.82%	99.99%	99.73%	Current for this well is 2/12/2015
MW-1R	--	--	<50	--	--	<0.5	--	--	<1.0	--	--	--	Current for this well is 1/21/2020
MW-2	25000	54	<50	1400	0.61	<0.5	7500	1.7	<1.0	99.80%	99.96%	99.99%	Current for this well is 1/23/2020
MW-4	41000	66	<50	260	0.6	<0.5	30000	1	<1.0	99.88%	99.81%	100.00%	Current for this well is 1/23/2020
MW-5	200000	4300	<50	--	--	<0.5	510000	1.4	1.4	99.98%	--	100.00%	Current for this well is 9/6/2017
MW-6	11000	99	<50	300	1.6	<0.5	28000	18	<1.0	99.55%	99.83%	100.00%	Current for this well is 1/24/2020
MW-7	--	--	<50	--	--	<0.5	13	0.6	<1.0	--	--		Current for this well is 1/23/2020
MW-8	--	--	<50	--	--	<0.5	0.51	0.51	<1.0	--	--		Current for this well is 1/24/2020
MW-9	--	--	<50	--	--	<0.5	--	--	--	--	--	--	Current for this well is 1/22/2020
MW-10	--	--	<50	--	--	<0.5	11000	3.1	3.1	--	--	99.97%	Current for this well is 2/10/2016
MW-12	--	--	<50	--	--	<0.5	0.96	0.97	<1.0	--	--	--	Current for this well is 1/21/2020
MW-16	--	--	<50	--	--	<0.5	8.5	2.8	<1.0	--	--	88.24%	Current for this well is 1/23/2020
MW-17	--	--	<50	--	--	<0.5	--	--	<1.0	--	--	--	Current for this well is 1/30/2019
MW-18	--	--	<50	--	--	<0.5	--	--	<1.0	--	--	--	Current for this well is 1/22/2020
MW-19	--	--	<50	--	--	<0.5	0.51	0.51	<1.0	--	--	--	Current for this well is 1/24/2020
V-6	--	--	<50	--	--	<0.5	0.56	--	0.56	--	--	--	Current for this well is 2/11/2016
V-8	930	62	<50	0.616	--	<0.5	1100	0.5	<1.0	94.62%	18.83%	99.91%	Current for this well is 1/22/2020
MW-4D	--	--	<50	--	--	<0.5	1.9	1.2	<1.0	--	--	47.37%	Current for this well is 1/23/2020
MW-5D	--	--	<50	--	--	<0.5	1.4	--	<1.0	--	--	28.57%	Current for this well is 1/23/2020
MW-6D	--	--	<50	--	--	<0.5	--	--	--	--	--	--	Current for this well is 1/21/2020
MW-7D	--	--	<50	--	--	<0.5	--	--	--	--	--	--	Current for this well is 1/22/2020
MW-9D	--	--	<50	--	--	<0.5	--	--	--	--	--	--	Current for this well is 1/22/2020
MW-16D	--	--	<50	--	--	<0.5	--	--	<1.0	--	--	--	Current for this well is 1/21/2020
MW-18D	--	--	<50	--	--	<0.5	--	--	<1.0	--	--	--	Current for this well is 1/22/2020
MW-19D	--	--	<50	--	--	<0.5	57	4.1	<1.0	--	--	98.25%	Current for this well is 1/24/2020
MW-3D	1900	690	<50	260.00	1.8	<0.5	**220**	0.54	<1.0	97.37%	99.81%	99.55%	Current for this well is 1/24/2020
V-4	34000	400	400	1900	1900	<5.0	360000	400	<5.0	98.82%	99.74%	100.00%	Current for this well is 7/2/2014
V-5	82000	--	--	--	--	<0.5	--	--	<1.0	--	--	--	Current for this well is 2/11/2016
V-9	<50	--	<50	0.5	--	0.5	6.7	--	6.7	--	--	--	Current for this well is 2/11/2016
V-10	520	--	520	1.6	--	1.6	12	--	12	--	--	--	Current for this well is 2/11/2016
V-14	--	--	<50	--	--	<0.5	11000	1.5	<1.0	--	--	99.99%	Current for this well is 1/22/2020
Average Site Total Reduction of Dissolved-Phase Concentrations by Analyte										**99%**	**88%**	**90%**	

NA = Not Analyzed
Max = Maximum detected concentration above laboratory reporting limit
Min = Minimum detected concentration above laboratory reporting limit
LRL = Laboratory reporting limit
<50 = Below laboratory reporting limit
-- = Excluded for one or more reasons highlighted below
µg/L = micrograms per liter
BOLD = Anomalous laboratory detection; similar concentrations not observed in groundwater from well before or after event.

No detections above LRL | Only one data point for analyte | Only one detection above LRL | Maximum detection below current LRL

Figures

Figure 1	Site Location Map
Figure 2	Site Plan
Figure 2a	Remedial Layout
Figure 2b	Site Plan with Confirmation Samples
Figure 2c	Site Plan with Cross Section Lines
Figure 3a	Soil Analytical Map – 1992
Figure 3b	Soil Analytical Map – 1997
Figure 3c	Soil Analytical Map – 1999
Figure 3d	Soil Analytical Map – 2000
Figure 3e	Soil Analytical Map – 2001
Figure 3f	Soil Analytical Map – 2005
Figure 3g	Soil Analytical Map – 2008
Figure 3h	Soil Analytical Map – 2011
Figure 3i	Soil Analytical Map – 2013
Figure 3j	Soil Analytical Map – 2014
Figure 3k	Soil Analytical Map – First Quarter 2015
Figure 3l	Soil Analytical Map – Fourth Quarter 2015
Figure 3m	Soil Analytical Map – 2016 and 2017
Figure 3n	Soil Analytical Map – 2018
Figure 3o	Soil Analytical Map –2019
Figure 4	Groundwater Analytical Map – January 21-24, 2020
Figure 5a	Groundwater Contour Map (Unit A) – January 20, 2020
Figure 5b	Groundwater Contour Map (Unit B) – January 20, 2020
Figure 6	Historical Shallow Soil Exceedances and Corresponding Confirmations



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FIGURE 1

SITE LOCATION

ARCO SERVICE STATION NO. 0465
151 SOUTHGATE AVENUE
DALY CITY, CALIFORNIA

PROJECT NO.	PREPARED BY	REF SCALE	
00465EA191	JH	1:24,000	
DATE	REVIEWED BY	MAP SCALE	
4/17/2019	HM	1 inch = 2,000 feet	

antea group

\\gis-s3\GIS_Data\Sandbox\!Projects\A-E\BP_CA\465\00465EA171\Layout\20170424-0465-SiteLocation.mxd

LEGEND

- GROUNDWATER MONITORING WELL (UNIT A)
- GROUNDWATER MONITORING WELL (UNIT B)
- ABANDONED/DESTROYED GROUNDWATER MONITORING WELL
- VAPOR EXTRACTION WELL (UNIT A)
- VAPOR EXTRACTION WELL (UNIT B)
- DESTROYED VAPOR EXTRACTION WELL
- CPT BORING
- SOIL BORING (SOUTHGATE CLEANERS)
- SOIL BORING (SHALLOW)
- SOIL BORING (MID)
- SOIL BORING (DEEP)
- SOIL VAPOR PROBE
- REMEDIATION TRENCH
- UNDERGROUND STORM DRAIN
- UNDERGROUND SANITARY SEWER
- UNDERGROUND GAS LINE
- UNDERGROUND ELECTRIC LINE
- UNDERGROUND STREET LIGHT LINE
- UNDERGROUND COMMUNICATIONS LINE
- UNDERGROUND WATER LINE
- UNDERGROUND UNKNOWN UTILITY
- EXCAVATION AREA (2000)
- EXCAVATION AREA (1999)
- EXCAVATION AREA (1997)
- LIGHT POLE
- STORM SEWER MANHOLE
- SANITARY SEWER MANHOLE
- ELECTRIC MANHOLE

NO. 99 SOUTHGATE AVENUE
1-STORY CONCRETE COMMERCIAL BUILDING
"BURLINGTON COAT FACTORY"

N

0 10 20 40 60 80 Feet

This figure is based on a survey by Stratus Environmental dated 10/7/08, a Utility Map by Stantec dated 6/14/08 and a Detailed Site Plan by Stantec dated 8/12/16.

FIGURE 2
SITE PLAN

ARCO SERVICE STATION NO. 0465
151 SOUTHGATE AVENUE
DALY CITY, CALIFORNIA

PROJECT NO.	PREPARED BY	REF SCALE
00465EA201	JH	1:480
DATE	REVIEWED BY	MAP SCALE
3/30/2020	PE	1 inch = 40 feet

antea group

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LEGEND

- GROUNDWATER MONITORING WELL (ZONE A)
- VAPOR EXTRACTION WELL (UNIT A)
- VAPOR EXTRACTION WELL (UNIT B)
- DESTROYED VAPOR EXTRACTION WELL
- REMEDIATION TRENCH

SOUTHGATE AVENUE

LAKE MERCED BOULEVARD

RESIDENTIAL AREA

BUS STOP

"ARCO STATION"
(NO 00465)

(4-SERVICE BAYS)

CURRENT UST BASIN

FORMER UST BASIN

WASTE OIL UST

TRASH ENCLOSURE

TREATMENT COMPOUND

RAMP

MW-2
MW-10
MW-5
V-1
V-2
V-3
V-4
V-5
V-6
V-7
V-8
V-9
V-10
V-11
V-12
V-13
V-14

1-STORY WOOD FRAME
HAIR DESIGN
DENTIST
(FORMER SOUTHGATE CLEANERS)
H&R BLOCK
TIMES SALON
VACANT
QUICKLY RESTAURANT
WESTLAKE LAUNDRY

NO. 99 SOUTHGATE AVENUE
1-STORY CONCRETE COMMERCIAL BUILDING
"BURLINGTON COAT FACTORY"

PLANTER
PLANTER (TYP.)
CONC WALK
CONC RAMP
HC RAMP
30" VALLEY GUTTER
6-PS
PS
16" PALM IN PLANTER
24" PALM IN CONCRETE
12" CONC GUTTER
6" CONC CURB
CONC ISLAND
5' CONC CURB
CONCRETE WALL
WOOD FENCE
CONC POST
6" CONC WALL
DRIVEWAY
PUMP ISLAND (TYP.)
18" CONC GUTTER
6" CONC CURB
CONC WALK
CONCRETE ISLAND
22" CONC GUTTER
6" CONC CURB
PATCHED ASPHALT PAVEMENT
ASPHALT
CONCRETE GARAGE ENTRANCE
LAWN
18" PALM
30" PALM
SD

N

0 10 20 40 60 80 Feet

This figure is based on a survey by Stratus Environmental dated 10/7/08, a Utility Map by Stantec dated 6/14/08 and a Detailed Site Plan by Stantec dated 8/12/16.

FIGURE 2A

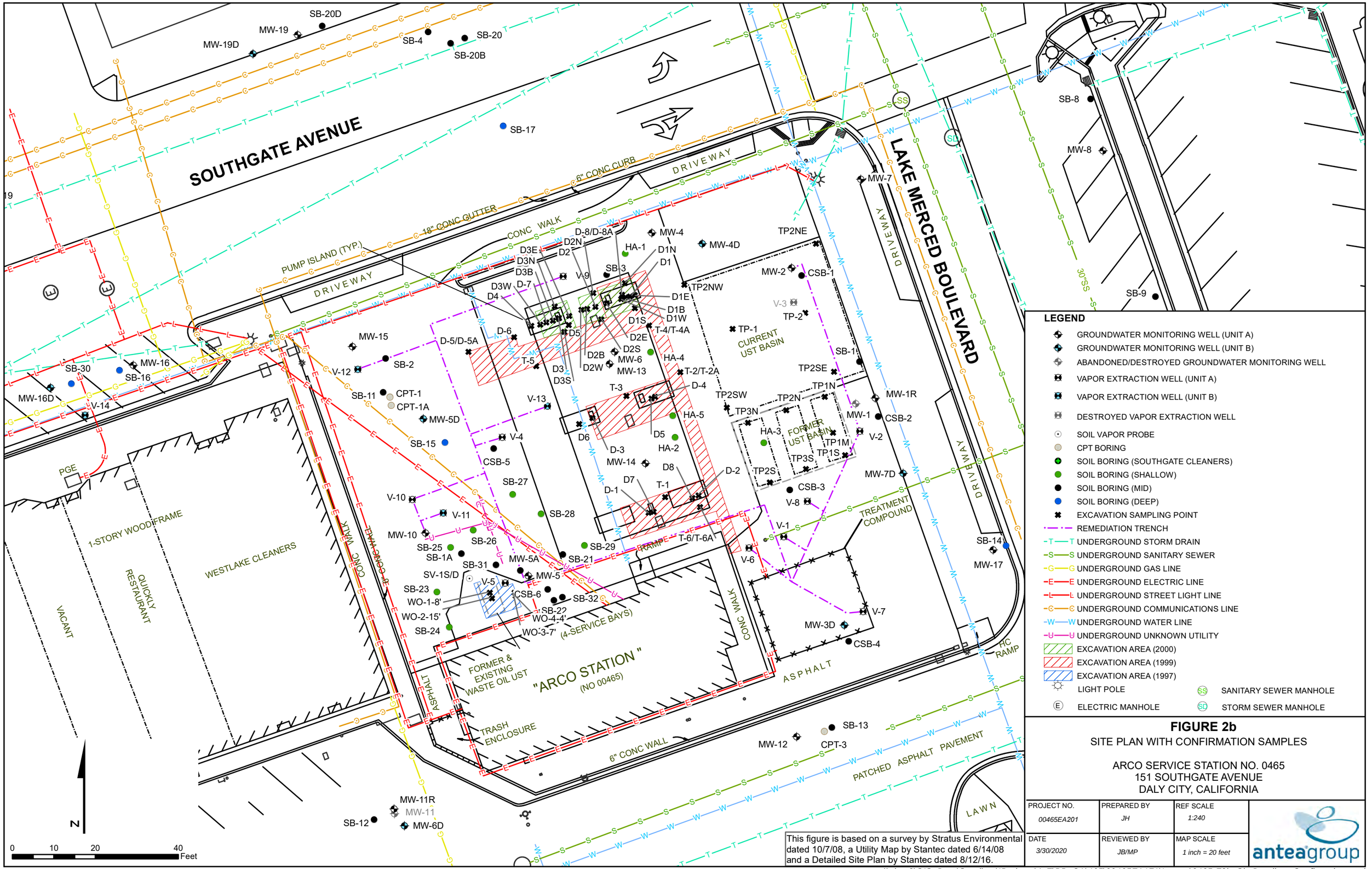
CURRENT REMEDIAL LAYOUT

ARCO SERVICE STATION NO. 0465
151 SOUTHGATE AVENUE
DALY CITY, CALIFORNIA

PROJECT NO.	PREPARED BY	REF SCALE
00465EA201	JH	1:480
DATE	REVIEWED BY	MAP SCALE
3/31/2020	PE/RB	1 inch = 40 feet

antea group

\\gis-s3\GIS_Data\Sandbox\!Projects\A-E\BP_CA\465\00465EA171\Layout\0465-F2A_SiteMap.mxd



LEGEND

- GROUNDWATER MONITORING WELL (UNIT A)
- GROUNDWATER MONITORING WELL (UNIT B)
- ABANDONED/DESTROYED GROUNDWATER MONITORING WELL
- VAPOR EXTRACTION WELL (UNIT A)
- VAPOR EXTRACTION WELL (UNIT B)
- DESTROYED VAPOR EXTRACTION WELL
- SOIL VAPOR PROBE
- CPT BORING
- SOIL BORING (SOUTHGATE CLEANERS)
- SOIL BORING (SHALLOW)
- SOIL BORING (MID)
- SOIL BORING (DEEP)
- EXCAVATION SAMPLING POINT
- REMEDIATION TRENCH
- UNDERGROUND STORM DRAIN
- UNDERGROUND SANITARY SEWER
- UNDERGROUND GAS LINE
- UNDERGROUND ELECTRIC LINE
- UNDERGROUND STREET LIGHT LINE
- UNDERGROUND COMMUNICATIONS LINE
- UNDERGROUND WATER LINE
- UNDERGROUND UNKNOWN UTILITY
- EXCAVATION AREA (2000)
- EXCAVATION AREA (1999)
- EXCAVATION AREA (1997)
- LIGHT POLE
- SANITARY SEWER MANHOLE
- ELECTRIC MANHOLE
- STORM SEWER MANHOLE

This figure is based on a survey by Stratus Environmental dated 10/7/08, a Utility Map by Stantec dated 6/14/08 and a Detailed Site Plan by Stantec dated 8/12/16.

FIGURE 2b

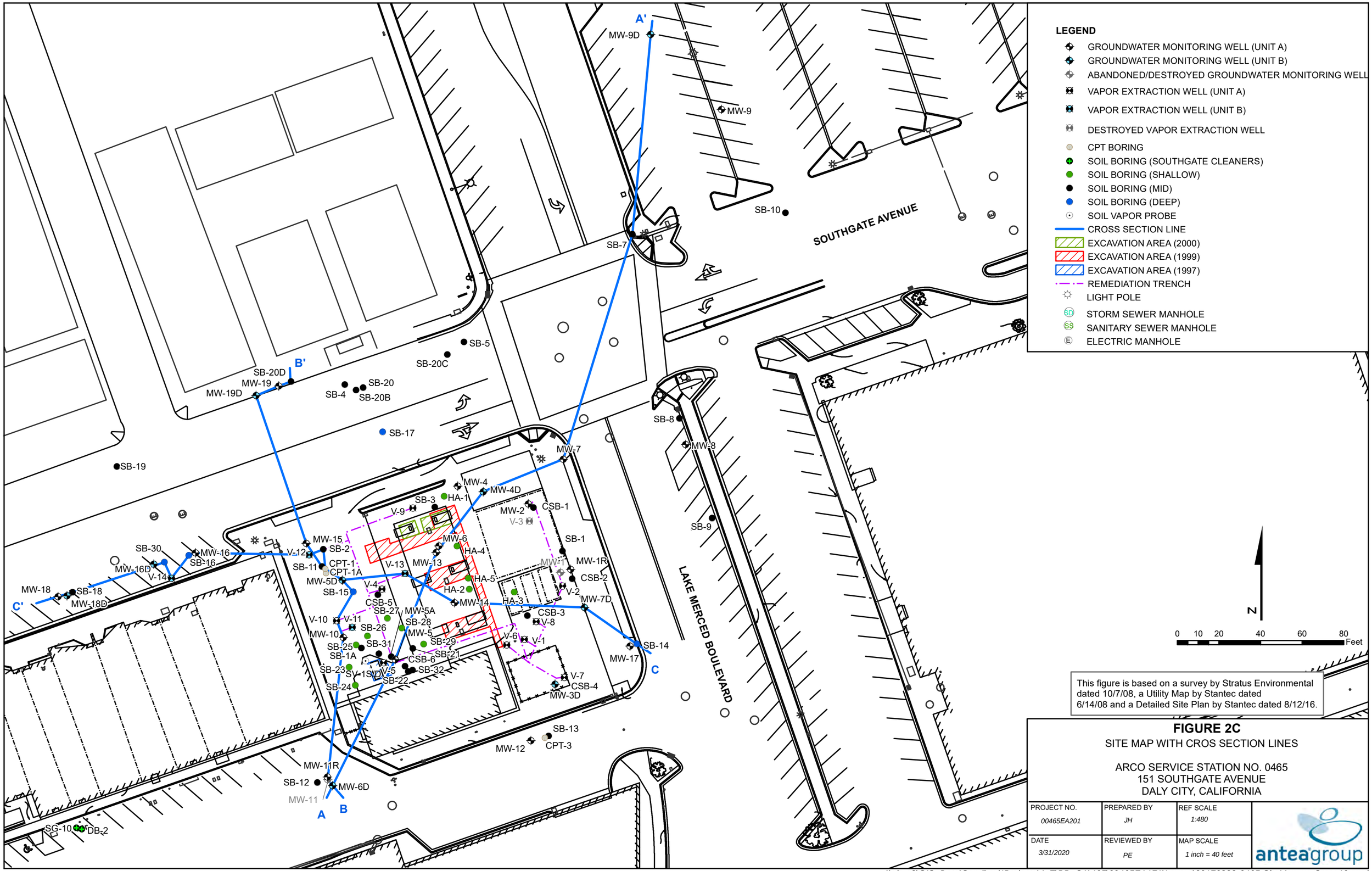
SITE PLAN WITH CONFIRMATION SAMPLES

ARCO SERVICE STATION NO. 0465
151 SOUTHGATE AVENUE
DALY CITY, CALIFORNIA

PROJECT NO.	PREPARED BY	REF SCALE
00465EA201	JH	1:240
DATE	**REVIEWED BY**	**MAP SCALE**
3/30/2020	JB/MP	1 inch = 20 feet

antea group

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LEGEND

- GROUNDWATER MONITORING WELL (UNIT A)
- GROUNDWATER MONITORING WELL (UNIT B)
- ABANDONED/DESTROYED GROUNDWATER MONITORING WELL
- VAPOR EXTRACTION WELL (UNIT A)
- VAPOR EXTRACTION WELL (UNIT B)
- DESTROYED VAPOR EXTRACTION WELL
- CPT BORING
- SOIL BORING (SOUTHGATE CLEANERS)
- SOIL BORING (SHALLOW)
- SOIL BORING (MID)
- SOIL BORING (DEEP)
- SOIL VAPOR PROBE
- CROSS SECTION LINE
- EXCAVATION AREA (2000)
- EXCAVATION AREA (1999)
- EXCAVATION AREA (1997)
- REMEDIATION TRENCH
- LIGHT POLE
- STORM SEWER MANHOLE
- SANITARY SEWER MANHOLE
- ELECTRIC MANHOLE

This figure is based on a survey by Stratus Environmental dated 10/7/08, a Utility Map by Stantec dated 6/14/08 and a Detailed Site Plan by Stantec dated 8/12/16.

FIGURE 2C

SITE MAP WITH CROS SECTION LINES

ARCO SERVICE STATION NO. 0465
151 SOUTHGATE AVENUE
DALY CITY, CALIFORNIA

PROJECT NO.	PREPARED BY	REF SCALE
00465EA201	JH	1:480
DATE	REVIEWED BY	MAP SCALE
3/31/2020	PE	1 inch = 40 feet

antea group

\\gis-s3\GIS_Data\Sandbox\!Projects\A-E\BP_CA\465\00465EA171\Layout\20170828-0465-SiteMap_w_Cross19.mxd

MW-4									
Date	5/20/1993	5/20/1993	5/20/1993	5/20/1993	5/20/1993	5/20/1993	5/20/1993	5/20/1993	5/20/1993
Dp	10	16	25	32	44	56	59.5	62.5	67.5
GRO	< 1	< 1	**160**	< 1	< 1	< 1	< 1	< 1	< 1
DRO	--	--	--	--	--	--	--	--	--
B	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
T	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
E	< 0.005	< 0.005	**1**	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
X	< 0.005	< 0.005	**5.8**	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
MTBE	--	--	--	--	--	--	--	--	--
N	--	--	--	--	--	--	--	--	--

MW-2							
Date	3/20/1992	3/20/1992	3/20/1992	3/20/1992	3/20/1992	3/20/1992	3/20/1992
Dp	5.5	15.5	25.5	40.5	50.5	63	66
GRO	< 1	< 1	< 1	< 1	< 1	< 1	< 1
DRO	--	--	--	--	--	--	--
B	< 0.005	< 0.005	**0.015**	**0.075**	**0.014**	< 0.005	< 0.005
T	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
E	< 0.005	< 0.005	< 0.005	**0.013**	< 0.005	< 0.005	< 0.005
X	< 0.005	< 0.005	< 0.005	**0.032**	**0.01**	< 0.005	< 0.005
MTBE	--	--	--	--	--	--	--
N	--	--	--	--	--	--	--

MW-1						
Date	3/16/1992	3/16/1992	3/16/1992	3/16/1992	3/16/1992	3/16/1992
Dp	5.5	10	25	35	50	55
GRO	< 1	< 1	**480**	< 1	< 1	< 1
DRO	--	--	--	--	--	--
B	< 0.005	< 0.005	**0.84**	< 0.005	**0.012**	< 0.005
T	< 0.005	< 0.005	**21**	< 0.005	**0.015**	< 0.005
E	< 0.005	< 0.005	**14**	< 0.005	**0.011**	< 0.005
X	< 0.005	**0.016**	**73**	< 0.005	**0.057**	< 0.005
MTBE	--	--	--	--	--	--
N	--	--	--	--	--	--

V-2				
Date	3/19/1992	3/19/1992	3/19/1992	3/19/1992
Dp	5.5	15.5	25.5	30.5
GRO	< 1	**1400**	**120**	< 1
DRO	--	--	--	--
B	< 0.005	**1.6**	**0.37**	< 0.005
T	< 0.005	**24**	**4**	**0.017**
E	< 0.005	**19**	**1.7**	< 0.005
X	< 0.005	**110**	**8.7**	**0.035**
MTBE	--	--	--	--
N	--	--	--	--

V-4							
Date	3/26/1992	3/26/1992	3/26/1992	3/26/1992	3/26/1992	3/26/1992	3/26/1992
Dp	5	15	20	35	45	55	65
GRO	< 1	< 1	**12000**	< 1	< 1	< 1	< 1
DRO	--	--	--	--	--	--	--
B	**0.11**	**0.018**	**96**	**0.12**	**0.1**	**0.14**	**0.01**
T	< 0.005	< 0.005	**600**	**0.12**	**0.094**	**0.083**	< 0.005
E	< 0.005	< 0.005	**260**	**0.014**	**0.012**	**0.012**	< 0.005
X	< 0.005	< 0.005	**1300**	**0.078**	**0.072**	**0.095**	< 0.005
MTBE	--	--	--	--	--	--	--
N	--	--	--	--	--	--	--

V-3				
Date	3/17/1992	3/17/1992	3/17/1992	3/17/1992
Dp	6	16	26	31
GRO	< 1	**1.5**	< 1	**1**
DRO	--	--	--	--
B	< 0.005	**0.095**	**0.007**	**0.09**
T	< 0.005	**0.093**	**0.011**	**0.07**
E	< 0.005	**0.031**	< 0.005	**0.015**
X	< 0.005	**0.16**	**0.021**	**0.077**
MTBE	--	--	--	--
N	--	--	--	--

V-1			
Date	3/17/1992	3/17/1992	3/17/1992
Dp	6	21	31
GRO	< 1	**43**	**7700**
DRO	--	--	--
B	< 0.005	**0.55**	**41**
T	< 0.005	**1.2**	**240**
E	< 0.005	**0.34**	**110**
X	< 0.005	**2.1**	**660**
MTBE	--	--	--
N	--	--	--

V-6							
Date	3/27/1992	3/27/1992	3/27/1992	3/27/1992	3/27/1992	3/27/1992	3/27/1992
Dp	5.5	15.5	25.5	40.5	55.5	61.7	70.5
GRO	< 1	< 1	< 1	< 1	< 1	< 1	< 1
DRO	--	--	--	--	--	--	--
B	< 0.005	< 0.005	**0.019**	< 0.005	**0.1**	**0.017**	< 0.005
T	< 0.005	**0.007**	**0.048**	< 0.005	**0.052**	< 0.005	< 0.005
E	< 0.005	< 0.005	**0.009**	< 0.005	**0.01**	< 0.005	< 0.005
X	< 0.005	< 0.005	**0.043**	< 0.005	**0.07**	< 0.005	< 0.005
MTBE	--	--	--	--	--	--	--
N	--	--	--	--	--	--	--

V-5							
Date	3/17/1992	3/17/1992	3/17/1992	3/17/1992	3/17/1992	3/17/1992	3/17/1992
Dp	5	15	30	45	60	90	
GRO	**4500**	**1300**	**22**	< 1	< 1	< 1	
DRO	--	--	--	--	--	--	
B	< 0.005	**1.8**	< 0.005	< 0.005	**0.049**	< 0.005	
T	< 0.005	**4**	**0.057**	< 0.005	< 0.005	< 0.005	
E	< 0.005	**2.8**	**0.076**	< 0.005	**0.005**	< 0.005	
X	**47**	**17**	**0.44**	< 0.005	**0.044**	< 0.005	
MTBE	--	--	--	--	--	--	
N	< 1 M1	< 1 M1	--	--	--	--	

V-8											
Date	5/19/1993	5/19/1993	5/19/1993	5/19/1993	5/19/1993	5/19/1993	5/19/1993	5/19/1993	5/19/1993	5/19/1993	5/19/1993
Dp	10.5	21.5	31.5	40.5	50.5	55.5	59.5	65.5	70.5	76.5	80.5
GRO	< 1	**5200**	**3.2**	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
DRO	--	--	--	--	--	--	--	--	--	--	--
B	< 0.005	**56**	**0.21**	< 0.005	< 0.005	< 0.005	**0.009**	**0.011**	**0.013**	< 0.005	< 0.005
T	< 0.005	**230**	**0.31**	< 0.005	**0.016**	< 0.005	< 0.005	**0.017**	**0.01**	< 0.005	< 0.005
E	< 0.005	**71**	**0.043**	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
X	< 0.005	**480**	**0.33**	**0.008**	**0.043**	**0.028**	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
MTBE	--	--	--	--	--	--	--	--	--	--	--
N	--	--	--	--	--	--	--	--	--	--	--

V-7									
Date	7/22/1992	7/22/1992	7/22/1992	7/22/1992	7/22/1992	7/22/1992	7/22/1992	7/22/1992	7/22/1992
Dp	5	15	25	34.5	45	55	60	75	84.5
GRO	< 1	< 1	**590**	< 1	< 1	< 1	< 1	< 1	< 1
DRO	--	--	--	--	--	--	--	--	--
B	< 0.005	**0.09**	**2.2**	**0.017**	< 0.005	< 0.005	**0.022**	< 0.005	< 0.005
T	< 0.005	**0.1**	**28**	**0.038**	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
E	< 0.005	**0.016**	**16**	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
X	< 0.005	**0.082**	**93**	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
MTBE	--	--	--	--	--	--	--	--	--
N	--	--	--	--	--	--	--	--	--



LEGEND

- GROUNDWATER MONITORING WELL (UNIT A)
- GROUNDWATER MONITORING WELL (UNIT B)
- ABANDONED/DESTROYED GROUNDWATER MONITORING WELL
- VAPOR EXTRACTION WELL (UNIT A)
- VAPOR EXTRACTION WELL (UNIT B)
- DESTROYED VAPOR EXTRACTION WELL
- CPT BORING
- SOIL BORING (SOUTHGATE CLEANERS)
- SOIL BORING (SHALLOW)
- SOIL BORING (MID)
- SOIL BORING (DEEP)
- SOIL VAPOR PROBE
- LIGHT POLE
- ELECTRIC MANHOLE
- SANITARY SEWER MANHOLE
- STORM SEWER MANHOLE

NOTES:
Dp = DEPTH BELOW GROUND SURFACE (FEET)
GRO = GASOLINE RANGE ORGANICS
DRO = DIESEL RANGE ORGANICS
B = BENZENE T = TOLUENE
E = ETHYLBENZENE X = TOTAL XYLENES
MTBE = METHYL TERTIARY BUTYL ETHER
N = NAPHTHALENE
< = LESS THAN LABORATORY METHOD DETECTION LIMITS
-- = NOT ANALYZED
CONCENTRATIONS IN MILLIGRAMS PER KILOGRAM (mg/kg).

This figure is based on a survey by Stratus Environmental dated 10/7/08, a Utility Map by Stantec dated 6/14/08 and a Detailed Site Plan by Stantec dated 8/12/16.

FIGURE 3a

SOIL ANALYTICAL MAP
1992-1993 INITIAL SITE INVESTIGATION
ARCO SERVICE STATION NO. 0465
151 SOUTHGATE AVENUE
DALY CITY, CALIFORNIA

PROJECT NO.	PREPARED BY	REF SCALE
00465EA201	JH	1:240
DATE	REVIEWED BY	MAP SCALE
3/30/2020	JB/HM	1 inch = 20 feet

antea group

\\gis-s3\GIS_Data\Sandbox\!Projects\A-E\BP_CA\465\00465EA171\Layout\0465-SoilAnalytical1992.mxd

CSB-3				
Date	1/20/1998	1/20/1998	1/20/1998	1/20/1998
Dp	15	21	25	31
GRO	**2**	**12**	**19**	< 1
DRO	--	--	--	--
B	< 0.005	< 0.005	< 0.005	< 0.005
T	**0.012**	**0.02**	**0.007**	**0.008**
E	**0.005**	**0.009**	**0.025**	< 0.005
X	**0.068**	**1.2**	**1.5**	**0.041**
MTBE	**0.66**	**0.15**	< 0.05	< 0.05
N	--	--	--	--

CSB-1		
Date	1/20/1998	1/20/1998
Dp	15	29.5
GRO	< 1	< 1
DRO	--	--
B	< 0.005	< 0.005
T	< 0.005	< 0.005
E	< 0.005	< 0.005
X	**0.009**	< 0.005
MTBE	< 0.05	< 0.05
N	--	--

CSB-4					
Date	1/21/1998	1/21/1998	1/21/1998	1/21/1998	1/21/1998
Dp	20	25	30	40	54.5
GRO	< 1	< 1	< 1	< 1	< 1
DRO	--	--	--	--	--
B	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
T	< 0.005	< 0.005	< 0.005	< 0.005	**0.005**
E	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
X	**0.007**	< 0.005	< 0.005	< 0.005	< 0.005
MTBE	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
N	--	--	--	--	--

CSB-5			
Date	1/20/1998	1/20/1998	1/20/1998
Dp	20	24.5	29
GRO	760 G	**300**	**12**
DRO	--	--	--
B	< 0.25	< 0.12	< 0.005
T	**0.49**	**2.1**	**0.17**
E	**10**	**1.8**	**0.086**
X	**71**	**35**	**1.5**
MTBE	< 2.5	< 0.7	< 0.05
N	--	--	--

CSB-2			
Date	1/21/1998	1/21/1998	1/21/1998
Dp	15	25	30
GRO	< 1	**11**	< 1
DRO	--	--	--
B	< 0.005	< 0.005	< 0.005
T	< 0.005	< 0.005	< 0.005
E	< 0.005	< 0.005	< 0.005
X	< 0.005	**0.006**	< 0.005
MTBE	< 0.05	< 0.05	< 0.05
N	--	--	--

WO-1-8	
Date	10/21/1997
Dp	8
GRO	**2700**
DRO	**2700**
B	< 1
T	< 1
E	**2.7**
X	**12**
MTBE	< 5
N	--

WO-2-15	
Date	10/30/1997
Dp	15
GRO	**2900**
DRO	**3100**
B	< 5
T	< 5
E	< 5
X	**16**
MTBE	**0.69**
N	--

WO-3-7	
Date	10/30/1997
Dp	7
GRO	**860**
DRO	**330**
B	< 0.25
T	< 0.25
E	< 0.25
X	**2.3**
MTBE	**0.17**
N	--

WO-4-4	
Date	10/30/1997
Dp	4
GRO	**2100**
DRO	**4000**
B	< 5
T	< 5
E	< 5
X	**25**
MTBE	**7.8**
N	--

CSB-6						
Date	1/20/1998	1/20/1998	1/20/1998	1/20/1998	1/20/1998	1/20/1998
Dp	5	15	29.5	34.5	44	54.5
GRO	2900 G	1800 G	39 G	10 G	550 G	15 G
DRO	11000 A	2400 B	140 C	18 D	510 E	20 F
B	< 1.2	< 1.2	< 0.012	< 0.005	< 0.12	< 0.005
T	< 1.2	< 1.2	**0.016**	< 0.005	< 0.12	< 0.005
E	**8.9**	**2.5**	**0.059**	**0.008**	**0.27**	**0.01**
X	**49**	**14**	**0.3**	**0.074**	**1.7**	**0.056**
MTBE	< 13	< 13	< 0.12	< 0.05	< 1.2	< 0.05
N	< 1 M1	< 1 M1	--	--	--	--

SB-20D, MW-19, MW-19D, SB-4, SB-20, SB-20B, SB-17, SB-8, MW-8, MW-7, MW-4, MW-4D, HA-1, V-9, SB-3, MW-2, CSB-1, V-3, MW-15, SB-2, V-12, SB-11, CPT-1, CPT-1A, MW-5D, V-13, MW-6, MW-13, HA-4, HA-5, HA-2, MW-14, SB-1, MW-1R, MW-1, CSB-2, HA-3, V-2, MW-7D, CSB-3, V-8, V-1, V-6, SB-14, MW-17, SB-30, MW-16, SB-16, MW-16D, V-14, SB-15, V-4, CSB-5, SB-27, V-10, V-11, SB-28, MW-10, SB-26, SB-25, SB-1A, SB-29, SB-21, SB-31, MW-5A, SV-1S/D, V-5, MW-5, SB-23, CSB-6, SB-32, SB-22, SB-24, V-7, MW-3D, CSB-4, SB-13, MW-12, CPT-3, MW-11R, MW-11, MW-6D

6" CONC CURB, DRIVEWAY, 18" CONC GUTTER, CONC WALK, PUMP ISLAND (TYP.), DRIVEWAY, CURRENT UST BASIN, FORMER UST BASIN, TREATMENT COMPOUND, RAMP, CONC WALK, CONC WALK, DRIVEWAY, 4-SERVICE BAYS), FORMER & EXISTING WASTE OIL UST, "ARCO STATION" (NO 00465), ASPHALT, ASPHALT, HC RAMP, PATCHED ASPHALT PAVEMENT, LAWN, PGE, 1-STORY WOOD/FRAME, QUICKLY RESTAURANT, WESTLAKE CLEANERS, VACANT

N

0 10 20 40 Feet

LEGEND

- GROUNDWATER MONITORING WELL (UNIT A)
- GROUNDWATER MONITORING WELL (UNIT B)
- ABANDONED/DESTROYED GROUNDWATER MONITORING WELL
- VAPOR EXTRACTION WELL (UNIT A)
- VAPOR EXTRACTION WELL (UNIT B)
- DESTROYED VAPOR EXTRACTION WELL
- CPT BORING
- SOIL BORING (SOUTHGATE CLEANERS)
- SOIL BORING (SHALLOW)
- SOIL BORING (MID)
- SOIL BORING (DEEP)
- SOIL VAPOR PROBE
- EXCAVATION AREA (1997)

NOTES:
Dp = DEPTH BELOW GROUND SURFACE (FEET)
GRO = GASOLINE RANGE ORGANICS
DRO = DIESEL RANGE ORGANICS
B = BENZENE
T = TOLUENE
E = ETHYLBENZENE
X = TOTAL XYLENES
MTBE = METHYL TERTIARY BUTYL ETHER
N = NAPHTHALENE
<= LESS THAN LABORATORY METHOD DETECTION LIMITS
-- = NOT ANALYZED
A = THE SAMPLE CONTAINED 13,000 mg/kg HEAVY OIL
B = THE SAMPLE CONTAINED 2,300 mg/kg HEAVY OIL
C = THE SAMPLE CONTAINED 380 mg/kg HEAVY OIL
D = THE SAMPLE CONTAINED 220 mg/kg HEAVY OIL
E = THE SAMPLE CONTAINED 430 mg/kg HEAVY OIL
F = THE SAMPLE CONTAINED 63 mg/kg HEAVY OIL
G = THE SAMPLE CONTAINS HIGHER BOILING POINT HYDROCARBON MXTURE QUANTIFIED AS GASOLINE. THE CHROMATOGRAM DID NOT MATCH THE TYPICAL GASOLINE FOOTPRINT
M1 = THE METHOD REPORTING LIMIT (MRL) WAS ELEVATED DUE TO MATRIX INTERFERENCES.

CONCENTRATIONS IN MILLIGRAMS PER KILOGRAM (mg/kg).

- LIGHT POLE
- ELECTRIC MANHOLE
- SANITARY SEWER MANHOLE
- STORM SEWER MANHOLE

This figure is based on a survey by Stratus Environmental dated 10/7/08, a Utility Map by Stantec dated 6/14/08 and a Detailed Site Plan by Stantec dated 8/12/16.

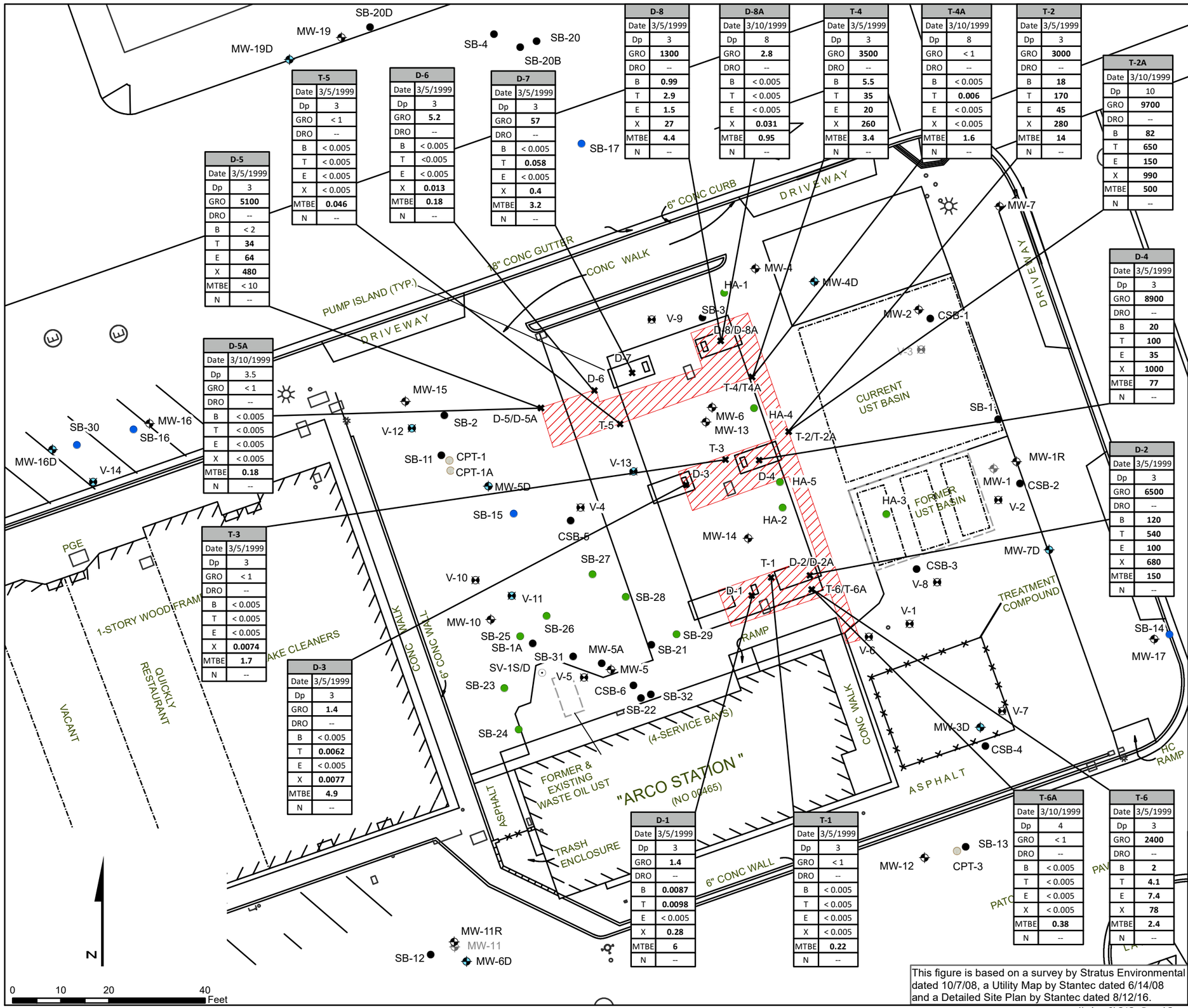
FIGURE 3b

SOIL ANALYTICAL MAP
1997 WASTE OIL TANK REMOVAL AND 1998 SOIL INVESTIGATION
ARCO SERVICE STATION NO. 0465
151 SOUTHGATE AVENUE
DALY CITY, CALIFORNIA

PROJECT NO.	PREPARED BY	REF SCALE
00465EA201	JH	1:240
DATE	REVIEWED BY	MAP SCALE
3/30/2020	PE/RB	1 inch = 20 feet

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D-8	
Date	3/5/1999
Dp	3
GRO	**1300**
DRO	--
B	**0.99**
T	**2.9**
E	**1.5**
X	**27**
MTBE	**4.4**
N	--

D-8A	
Date	3/10/1999
Dp	8
GRO	**2.8**
DRO	--
B	< 0.005
T	< 0.005
E	< 0.005
X	**0.031**
MTBE	**0.95**
N	--

T-4	
Date	3/5/1999
Dp	3
GRO	**3500**
DRO	--
B	**5.5**
T	**35**
E	**20**
X	**260**
MTBE	**3.4**
N	--

T-4A	
Date	3/10/1999
Dp	8
GRO	< 1
DRO	--
B	< 0.005
T	**0.006**
E	< 0.005
X	< 0.005
MTBE	**1.6**
N	--

T-2	
Date	3/5/1999
Dp	3
GRO	**3000**
DRO	--
B	**18**
T	**170**
E	**45**
X	**280**
MTBE	**14**
N	--

T-2A	
Date	3/10/1999
Dp	10
GRO	**9700**
DRO	--
B	**82**
T	**650**
E	**150**
X	**990**
MTBE	**500**
N	--

D-4	
Date	3/5/1999
Dp	3
GRO	**8900**
DRO	--
B	**20**
T	**100**
E	**35**
X	**1000**
MTBE	**77**
N	--

D-2	
Date	3/5/1999
Dp	3
GRO	**6500**
DRO	--
B	**120**
T	**540**
E	**100**
X	**680**
MTBE	**150**
N	--

T-5	
Date	3/5/1999
Dp	3
GRO	< 1
DRO	--
B	< 0.005
T	< 0.005
E	< 0.005
X	< 0.005
MTBE	**0.046**
N	--

D-6	
Date	3/5/1999
Dp	3
GRO	**5.2**
DRO	--
B	< 0.005
T	<0.005
E	< 0.005
X	**0.013**
MTBE	**0.18**
N	--

D-7	
Date	3/5/1999
Dp	3
GRO	**57**
DRO	--
B	< 0.005
T	**0.058**
E	< 0.005
X	**0.4**
MTBE	**3.2**
N	--

D-5	
Date	3/5/1999
Dp	3
GRO	**5100**
DRO	--
B	< 2
T	**34**
E	**64**
X	**480**
MTBE	< 10
N	--

D-5A	
Date	3/10/1999
Dp	3.5
GRO	< 1
DRO	--
B	< 0.005
T	< 0.005
E	< 0.005
X	< 0.005
MTBE	**0.18**
N	--

T-3	
Date	3/5/1999
Dp	3
GRO	< 1
DRO	--
B	< 0.005
T	< 0.005
E	< 0.005
X	**0.0074**
MTBE	**1.7**
N	--

D-3	
Date	3/5/1999
Dp	3
GRO	**1.4**
DRO	--
B	< 0.005
T	**0.0062**
E	< 0.005
X	**0.0077**
MTBE	**4.9**
N	--

D-1	
Date	3/5/1999
Dp	3
GRO	**1.4**
DRO	--
B	**0.0087**
T	**0.0098**
E	< 0.005
X	**0.28**
MTBE	**6**
N	--

T-1	
Date	3/5/1999
Dp	3
GRO	< 1
DRO	--
B	< 0.005
T	< 0.005
E	< 0.005
X	< 0.005
MTBE	**0.22**
N	--

T-6A	
Date	3/10/1999
Dp	4
GRO	< 1
DRO	--
B	< 0.005
T	< 0.005
E	< 0.005
X	< 0.005
MTBE	**0.38**
N	--

T-6	
Date	3/5/1999
Dp	3
GRO	**2400**
DRO	--
B	**2**
T	**4.1**
E	**7.4**
X	**78**
MTBE	**2.4**
N	--

LEGEND

- GROUNDWATER MONITORING WELL (UNIT A)
- GROUNDWATER MONITORING WELL (UNIT B)
- ABANDONED/DESTROYED GROUNDWATER MONITORING WELL
- VAPOR EXTRACTION WELL (UNIT A)
- VAPOR EXTRACTION WELL (UNIT B)
- DESTROYED VAPOR EXTRACTION WELL
- CPT BORING
- SOIL BORING (SOUTHGATE CLEANERS)
- SOIL BORING (SHALLOW)
- SOIL BORING (MID)
- SOIL BORING (DEEP)
- SOIL VAPOR PROBE
- EXCAVATION SAMPLING POINT
- EXCAVATION AREA (1999)

NOTES:
Dp = DEPTH BELOW GROUND SURFACE (FEET)
GRO = GASOLINE RANGE ORGANICS
DRO = DIESEL RANGE ORGANICS
B = BENZENE
T = TOLUENE
E = ETHYLBENZENE
X = TOTAL XYLENES
MTBE = METHYL TERTIARY BUTYL ETHER
N = NAPHTHALENE
< = LESS THAN LABORATORY METHOD DETECTION LIMITS
-- = NOT ANALYZED

CONCENTRATIONS IN MILLIGRAMS PER KILOGRAM (mg/kg).

- LIGHT POLE
- ELECTRIC MANHOLE
- SANITARY SEWER MANHOLE
- STORM SEWER MANHOLE

This figure is based on a survey by Stratus Environmental dated 10/7/08, a Utility Map by Stantec dated 6/14/08 and a Detailed Site Plan by Stantec dated 8/12/16.

FIGURE 3c

SOIL ANALYTICAL MAP
1999 PRODUCT LINE REMOVAL
ARCO SERVICE STATION NO. 0465
151 SOUTHGATE AVENUE
DALY CITY, CALIFORNIA

PROJECT NO.	PREPARED BY	REF SCALE
00465EA201	JH	1:240
DATE	REVIEWED BY	MAP SCALE
3/31/2020	PE/RB	1 inch = 20 feet

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S-6-D2B	
Date	9/6/2000
Dp	6
GRO	**543**
DRO	--
B	< 0.25
T	< 0.25
E	**0.397**
X	**10.2**
MTBE	< 0.5
N	--

S-2-D2	
Date	9/6/2000
Dp	2
GRO	**3410**
DRO	--
B	< 2.5
T	**4.52**
E	**12.8**
X	**96.8**
MTBE	**4.48**
N	--

S-6-D2E	
Date	9/6/2000
Dp	6
GRO	**2040**
DRO	--
B	< 1.25
T	**8.11**
E	**2.63**
X	**53.4**
MTBE	**4.61**
N	--

S-6-D2N	
Date	9/6/2000
Dp	6
GRO	**254**
DRO	--
B	< 0.25
T	< 0.25
E	< 0.25
X	**2.28**
MTBE	< 0.1
N	--

S-5-D1W	
Date	9/6/2000
Dp	5
GRO	**4.4**
DRO	--
B	< 0.005
T	< 0.005
E	< 0.005
X	**0.0077**
MTBE	< 0.1
N	--

S-5-D1B	
Date	9/6/2000
Dp	5
GRO	< 1
DRO	--
B	< 0.005
T	< 0.005
E	< 0.005
X	< 0.005
MTBE	< 0.1
N	--

S-2-D1	
Date	9/6/2000
Dp	2
GRO	**19.9**
DRO	--
B	< 0.0125
T	< 0.0125
E	< 0.0125
X	**0.16**
MTBE	**0.172**
N	--

S-5-D1N	
Date	9/6/2000
Dp	5
GRO	< 1
DRO	--
B	< 0.005
T	< 0.005
E	< 0.005
X	< 0.005
MTBE	< 0.1
N	--

S-5-D1E	
Date	9/6/2000
Dp	5
GRO	< 1
DRO	--
B	< 0.005
T	< 0.005
E	< 0.005
X	< 0.005
MTBE	< 0.1
N	--

S-5-D1S	
Date	9/6/2000
Dp	5
GRO	**2.06**
DRO	--
B	< 0.005
T	< 0.005
E	< 0.005
X	**0.0102**
MTBE	< 0.1
N	--

S-18-TP2NW	
Date	9/6/2000
Dp	18
GRO	**1.8**
DRO	--
B	< 0.005
T	< 0.005
E	< 0.005
X	**0.0107**
MTBE	**3.3**
N	--

S-18-TP2NE	
Date	9/6/2000
Dp	18
GRO	< 1
DRO	--
B	< 0.005
T	< 0.005
E	< 0.005
X	< 0.005
MTBE	**0.768**
N	--

S-2-TP1	
Date	8/29/2000
Dp	2
GRO	< 1
DRO	--
B	< 0.005
T	< 0.005
E	< 0.005
X	< 0.005
MTBE	< 0.05
N	--

S-2-TP2	
Date	8/29/2000
Dp	2
GRO	< 1
DRO	--
B	< 0.005
T	< 0.005
E	< 0.005
X	< 0.005
MTBE	< 0.05
N	--

S-18-TP2SW	
Date	9/6/2000
Dp	18
GRO	**2420**
DRO	--
B	**6.18**
T	**74.9**
E	**51.1**
X	**361**
MTBE	**38.7**
N	--

S-18-TP2SE	
Date	9/6/2000
Dp	18
GRO	**3440**
DRO	--
B	< 2.5
T	**199**
E	**75.3**
X	**469**
MTBE	**140**
N	--

S-13-TP1N	
Date	8/31/2000
Dp	13
GRO	**19.2**
DRO	--
B	< 0.0125
T	**0.0493**
E	**0.0511**
X	**0.374**
MTBE	**61.3**
N	--

S-6-D2W	
Date	9/6/2000
Dp	6
GRO	**170**
DRO	--
B	< 0.1
T	< 0.1
E	**0.121**
X	**0.577**
MTBE	< 0.5
N	--

S-11-TP2N	
Date	8/31/2000
Dp	11
GRO	< 1
DRO	--
B	< 0.005
T	< 0.005
E	< 0.005
X	< 0.005
MTBE	**38.3**
N	--

S-5-D3N	
Date	9/6/2000
Dp	5
GRO	< 1
DRO	--
B	< 0.005
T	< 0.005
E	< 0.005
X	< 0.005
MTBE	< 0.1
N	--

S-13-TP1M	
Date	8/31/2000
Dp	13
GRO	**6590**
DRO	--
B	< 5
T	**462**
E	**130**
X	**804**
MTBE	**956**
N	--

S-2-D4	
Date	9/6/2000
Dp	2
GRO	< 1
DRO	--
B	< 0.005
T	< 0.005
E	< 0.005
X	< 0.005
MTBE	< 0.1
N	--

S-12-TP1S	
Date	8/31/2000
Dp	12
GRO	**5830**
DRO	--
B	< 5
T	**461**
E	**125**
X	**769**
MTBE	**264**
N	--

S-5-D3W	
Date	9/6/2000
Dp	5
GRO	< 1
DRO	--
B	< 0.005
T	< 0.005
E	< 0.005
X	< 0.005
MTBE	< 0.1
N	--

S-5-D3B	
Date	9/6/2000
Dp	5
GRO	< 1
DRO	--
B	< 0.005
T	< 0.005
E	< 0.005
X	< 0.005
MTBE	< 0.1
N	--

S-2-D3	
Date	9/6/2000
Dp	2
GRO	**2.43**
DRO	--
B	< 0.005
T	< 0.005
E	< 0.005
X	< 0.005
MTBE	< 0.1
N	--

S-5-D3E	
Date	9/6/2000
Dp	5
GRO	< 1
DRO	--
B	< 0.005
T	< 0.005
E	< 0.005
X	< 0.005
MTBE	< 0.1
N	--

S-5-D3S	
Date	9/6/2000
Dp	5
GRO	**2.38**
DRO	--
B	< 0.005
T	< 0.005
E	< 0.005
X	< 0.005
MTBE	< 0.1
N	--

S-6-D2S	
Date	9/6/2000
Dp	6
GRO	**252**
DRO	--
B	< 0.25
T	< 0.25
E	< 0.25
X	**5.3**
MTBE	**0.312**
N	--

S-2-D6	
Date	9/6/2000
Dp	2
GRO	< 1
DRO	--
B	< 0.005
T	< 0.005
E	< 0.005
X	< 0.005
MTBE	**0.132**
N	--

S-2-D5	
Date	9/6/2000
Dp	2
GRO	**3.97**
DRO	--
B	< 0.005
T	< 0.005
E	< 0.005
X	< 0.005
MTBE	< 0.1
N	--

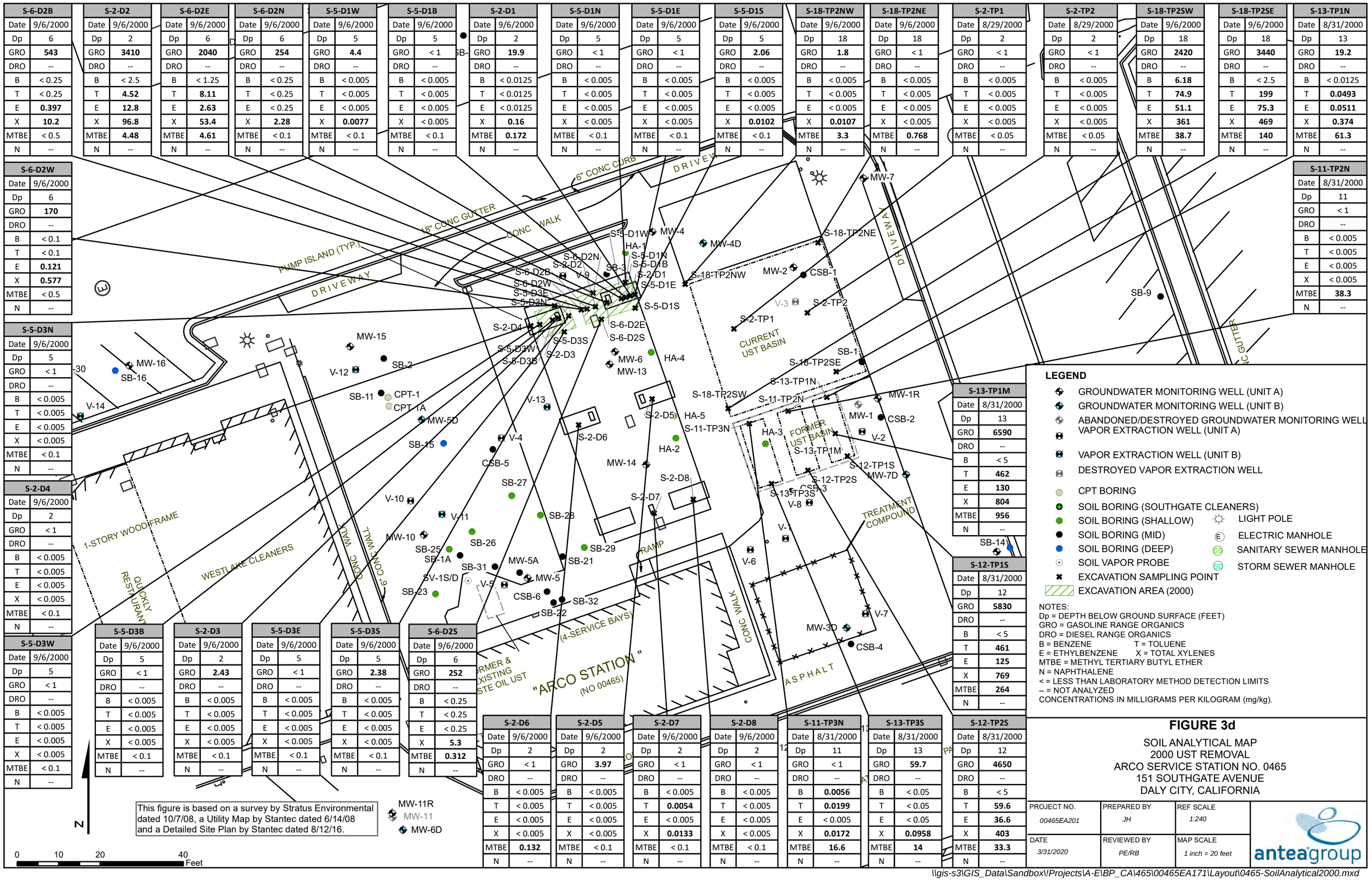
S-2-D7	
Date	9/6/2000
Dp	2
GRO	< 1
DRO	--
B	< 0.005
T	**0.0054**
E	< 0.005
X	**0.0133**
MTBE	< 0.1
N	--

S-2-D8	
Date	9/6/2000
Dp	2
GRO	< 1
DRO	--
B	< 0.005
T	< 0.005
E	< 0.005
X	< 0.005
MTBE	< 0.1
N	--

S-11-TP3N	
Date	8/31/2000
Dp	11
GRO	< 1
DRO	--
B	**0.0056**
T	**0.0199**
E	< 0.005
X	**0.0172**
MTBE	**16.6**
N	--

S-13-TP3S	
Date	8/31/2000
Dp	13
GRO	**59.7**
DRO	--
B	< 0.05
T	< 0.05
E	< 0.05
X	**0.0958**
MTBE	**14**
N	--

S-12-TP2S	
Date	8/31/2000
Dp	12
GRO	**4650**
DRO	--
B	< 5
T	**59.6**
E	**36.6**
X	**403**
MTBE	**33.3**
N	--



LEGEND

- GROUNDWATER MONITORING WELL (UNIT A)
- GROUNDWATER MONITORING WELL (UNIT B)
- ABANDONED/DESTROYED GROUNDWATER MONITORING WELL
- VAPOR EXTRACTION WELL (UNIT A)
- VAPOR EXTRACTION WELL (UNIT B)
- DESTROYED VAPOR EXTRACTION WELL
- CPT BORING
- SOIL BORING (SOUTHGATE CLEANERS)
- SOIL BORING (SHALLOW)
- SOIL BORING (MID)
- SOIL BORING (DEEP)
- SOIL VAPOR PROBE
- EXCAVATION SAMPLING POINT
- EXCAVATION AREA (2000)
- LIGHT POLE
- ELECTRIC MANHOLE
- SANITARY SEWER MANHOLE
- STORM SEWER MANHOLE

NOTES:
Dp = DEPTH BELOW GROUND SURFACE (FEET)
GRO = GASOLINE RANGE ORGANICS
DRO = DIESEL RANGE ORGANICS
B = BENZENE T = TOLUENE
E = ETHYLBENZENE X = TOTAL XYLENES
MTBE = METHYL TERTIARY BUTYL ETHER
N = NAPHTHALENE
< = LESS THAN LABORATORY METHOD DETECTION LIMITS
-- = NOT ANALYZED
CONCENTRATIONS IN MILLIGRAMS PER KILOGRAM (mg/kg).

FIGURE 3d

SOIL ANALYTICAL MAP
2000 UST REMOVAL
ARCO SERVICE STATION NO. 0465
151 SOUTHGATE AVENUE
DALY CITY, CALIFORNIA

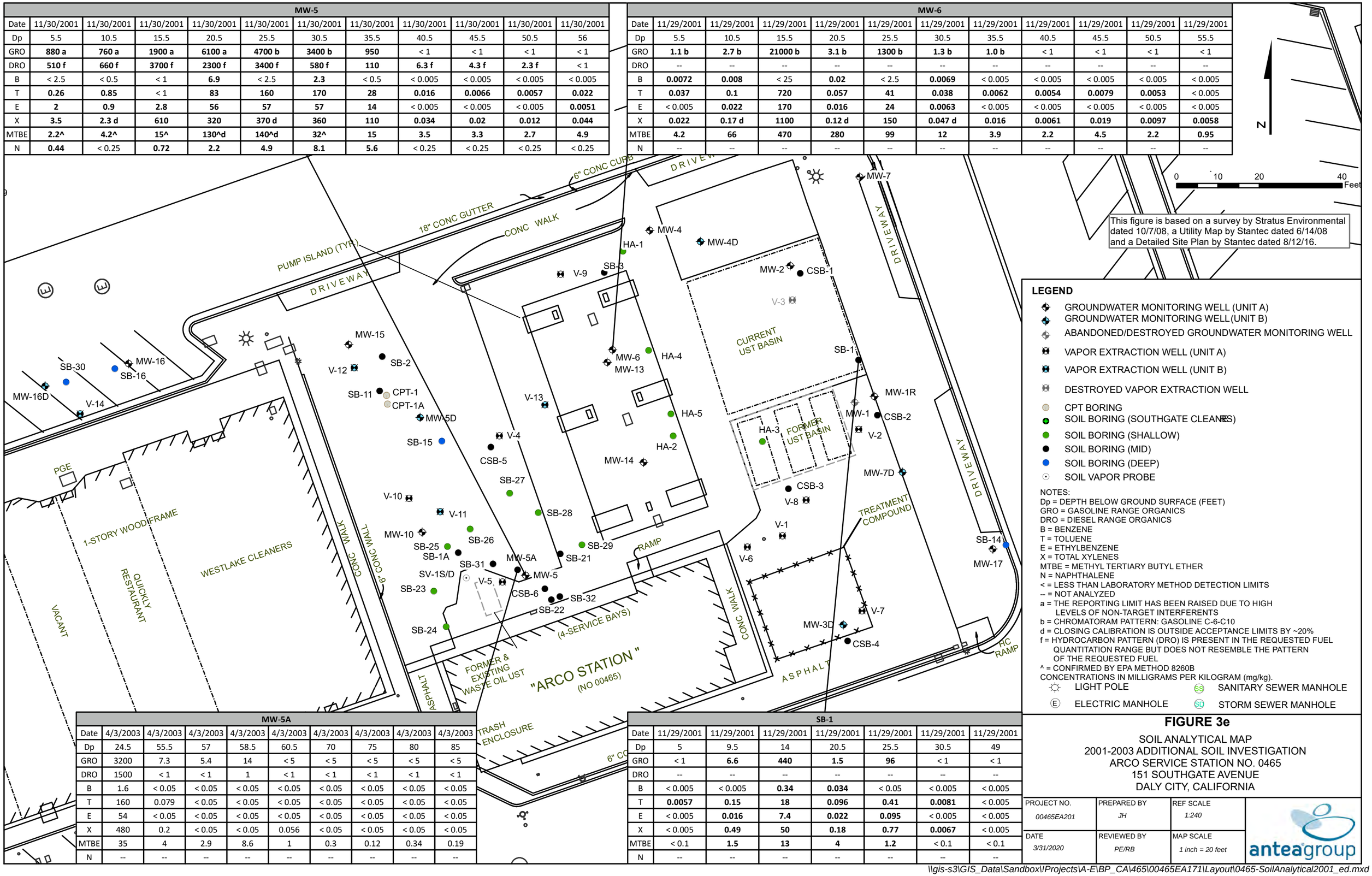
PROJECT NO.	PREPARED BY	REF SCALE
00465EA201	JH	1:240
DATE	REVIEWED BY	MAP SCALE
3/31/2020	PE/RB	1 inch = 20 feet

antea group

\\gis-s3\GIS_Data\Sandbox\!Projects\A-E\BP_CA\465\00465EA171\Layout\0465-SoilAnalytical2000.mxd

MW-5											
Date	11/30/2001	11/30/2001	11/30/2001	11/30/2001	11/30/2001	11/30/2001	11/30/2001	11/30/2001	11/30/2001	11/30/2001	11/30/2001
Dp	5.5	10.5	15.5	20.5	25.5	30.5	35.5	40.5	45.5	50.5	56
GRO	**880 a**	**760 a**	**1900 a**	**6100 a**	**4700 b**	**3400 b**	**950**	< 1	< 1	< 1	< 1
DRO	**510 f**	**660 f**	**3700 f**	**2300 f**	**3400 f**	**580 f**	**110**	**6.3 f**	**4.3 f**	**2.3 f**	< 1
B	< 2.5	< 0.5	< 1	**6.9**	< 2.5	**2.3**	< 0.5	< 0.005	< 0.005	< 0.005	< 0.005
T	**0.26**	**0.85**	< 1	**83**	**160**	**170**	**28**	**0.016**	**0.0066**	**0.0057**	**0.022**
E	**2**	**0.9**	**2.8**	**56**	**57**	**57**	**14**	< 0.005	< 0.005	< 0.005	**0.0051**
X	**3.5**	**2.3 d**	**610**	**320**	**370 d**	**360**	**110**	**0.034**	**0.02**	**0.012**	**0.044**
MTBE	**2.2^**	**4.2^**	**15^**	**130^d**	**140^d**	**32^**	**15**	**3.5**	**3.3**	**2.7**	**4.9**
N	**0.44**	< 0.25	**0.72**	**2.2**	**4.9**	**8.1**	**5.6**	< 0.25	< 0.25	< 0.25	< 0.25

MW-6											
Date	11/29/2001	11/29/2001	11/29/2001	11/29/2001	11/29/2001	11/29/2001	11/29/2001	11/29/2001	11/29/2001	11/29/2001	11/29/2001
Dp	5.5	10.5	15.5	20.5	25.5	30.5	35.5	40.5	45.5	50.5	55.5
GRO	**1.1 b**	**2.7 b**	**21000 b**	**3.1 b**	**1300 b**	**1.3 b**	**1.0 b**	< 1	< 1	< 1	< 1
DRO	--	--	--	--	--	--	--	--	--	--	--
B	**0.0072**	**0.008**	< 25	**0.02**	< 2.5	**0.0069**	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
T	**0.037**	**0.1**	**720**	**0.057**	**41**	**0.038**	**0.0062**	**0.0054**	**0.0079**	**0.0053**	< 0.005
E	< 0.005	**0.022**	**170**	**0.016**	**24**	**0.0063**	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
X	**0.022**	**0.17 d**	**1100**	**0.12 d**	**150**	**0.047 d**	**0.016**	**0.0061**	**0.019**	**0.0097**	**0.0058**
MTBE	**4.2**	**66**	**470**	**280**	**99**	**12**	**3.9**	**2.2**	**4.5**	**2.2**	**0.95**
N	--	--	--	--	--	--	--	--	--	--	--



LEGEND

- GROUNDWATER MONITORING WELL (UNIT A)
- GROUNDWATER MONITORING WELL(UNIT B)
- ABANDONED/DESTROYED GROUNDWATER MONITORING WELL
- VAPOR EXTRACTION WELL (UNIT A)
- VAPOR EXTRACTION WELL (UNIT B)
- DESTROYED VAPOR EXTRACTION WELL
- CPT BORING
- SOIL BORING (SOUTHGATE CLEANERS)
- SOIL BORING (SHALLOW)
- SOIL BORING (MID)
- SOIL BORING (DEEP)
- SOIL VAPOR PROBE

NOTES:
Dp = DEPTH BELOW GROUND SURFACE (FEET)
GRO = GASOLINE RANGE ORGANICS
DRO = DIESEL RANGE ORGANICS
B = BENZENE
T = TOLUENE
E = ETHYLBENZENE
X = TOTAL XYLENES
MTBE = METHYL TERTIARY BUTYL ETHER
N = NAPHTHALENE
< = LESS THAN LABORATORY METHOD DETECTION LIMITS
-- = NOT ANALYZED
a = THE REPORTING LIMIT HAS BEEN RAISED DUE TO HIGH LEVELS OF NON-TARGET INTERFERENTS
b = CHROMATORAM PATTERN: GASOLINE C-6-C10
d = CLOSING CALIBRATION IS OUTSIDE ACCEPTANCE LIMITS BY ~20%
f = HYDROCARBON PATTERN (DRO) IS PRESENT IN THE REQUESTED FUEL QUANTITATION RANGE BUT DOES NOT RESEMBLE THE PATTERN OF THE REQUESTED FUEL
^ = CONFIRMED BY EPA METHOD 8260B
CONCENTRATIONS IN MILLIGRAMS PER KILOGRAM (mg/kg).

- LIGHT POLE
- SANITARY SEWER MANHOLE
- ELECTRIC MANHOLE
- STORM SEWER MANHOLE

MW-5A										
Date	4/3/2003	4/3/2003	4/3/2003	4/3/2003	4/3/2003	4/3/2003	4/3/2003	4/3/2003	4/3/2003	4/3/2003
Dp	24.5	55.5	57	58.5	60.5	70	75	80	85	
GRO	3200	7.3	5.4	14	< 5	< 5	< 5	< 5	< 5	
DRO	1500	< 1	< 1	1	< 1	< 1	< 1	< 1	< 1	
B	1.6	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	
T	160	0.079	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	
E	54	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	
X	480	0.2	< 0.05	< 0.05	0.056	< 0.05	< 0.05	< 0.05	< 0.05	
MTBE	35	4	2.9	8.6	1	0.3	0.12	0.34	0.19	
N	--	--	--	--	--	--	--	--	--	

SB-1								
Date	11/29/2001	11/29/2001	11/29/2001	11/29/2001	11/29/2001	11/29/2001	11/29/2001	
Dp	5	9.5	14	20.5	25.5	30.5	49	
GRO	< 1	**6.6**	**440**	**1.5**	**96**	< 1	< 1	
DRO	--	--	--	--	--	--	--	
B	< 0.005	< 0.005	**0.34**	**0.034**	< 0.05	< 0.005	< 0.005	
T	**0.0057**	**0.15**	**18**	**0.096**	**0.41**	**0.0081**	< 0.005	
E	< 0.005	**0.016**	**7.4**	**0.022**	**0.095**	< 0.005	< 0.005	
X	< 0.005	**0.49**	**50**	**0.18**	**0.77**	**0.0067**	< 0.005	
MTBE	< 0.1	**1.5**	**13**	**4**	**1.2**	< 0.1	< 0.1	
N	--	--	--	--	--	--	--	

FIGURE 3e

SOIL ANALYTICAL MAP
2001-2003 ADDITIONAL SOIL INVESTIGATION
ARCO SERVICE STATION NO. 0465
151 SOUTHGATE AVENUE
DALY CITY, CALIFORNIA

PROJECT NO.	PREPARED BY	REF SCALE
00465EA201	*JH*	*1:240*
DATE	**REVIEWED BY**	**MAP SCALE**
3/31/2020	*PE/RB*	*1 inch = 20 feet*

antea group

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SB-3																	
Date	7/18/2005	7/18/2005	7/18/2005	7/18/2005	7/18/2005	7/18/2005	7/18/2005	7/18/2005	7/18/2005	7/18/2005	7/18/2005	7/18/2005	7/18/2005	7/18/2005	7/18/2005	7/18/2005	7/18/2005
Dp	7.5	11.5	16	20.5	25.5	30.5	36.5	41	46	50.5	56	61	61.5	65	71.5	76	81.5
GRO	< 0.096	< 0.5	< 0.5	**18**	**260**	**17**	**8.6**	< 12	**5.3**	**4.8**	**3.9**	< 2.5	< 2.5	< 0.099	< 0.098	< 0.099	< 0.099
DRO	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
B	< 0.0048	< 0.025	< 0.025	< 0.05	< 1	< 0.05	< 0.05	< 0.25	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.005	< 0.0049	< 0.005	< 0.005
T	< 0.0048	< 0.025	< 0.025	**0.24**	**8.8**	< 0.05	< 0.05	< 0.25	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.005	< 0.0049	< 0.005	< 0.005
E	< 0.0048	< 0.025	< 0.025	< 0.05	**3.5**	< 0.05	< 0.05	< 0.25	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.005	< 0.0049	< 0.005	< 0.005
X	< 0.0048	< 0.025	< 0.025	**1**	**26**	**0.069**	< 0.05	< 0.25	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.005	< 0.0049	< 0.005	< 0.005
MTBE	**0.071**	**0.087**	**0.12**	**6.4**	**52**	**18**	**7.9**	**1.8**	**4**	**3.4**	**2.3**	**0.56**	**0.4**	**0.056**	**0.016**	**0.0053**	< 0.005
N	< 0.005 BU	< 0.01 BU,BH	< 0.01 BU,BH	< 0.2	< 0.2	< 0.2	< 0.2	< 1	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.005 BU	< 0.005 BU	< 0.005 BU	< 0.005 BU

SB-4		
Date	9/29/2005	9/29/2005
Dp	40.5	45.5
GRO	< 0.1	< 0.1
DRO	--	--
B	< 0.005	< 0.005
T	< 0.005	< 0.005
E	< 0.005	< 0.005
X	< 0.005	< 0.005
MTBE	< 0.005	< 0.005
N	--	--

SB-5		
Date	9/29/2005	9/29/2005
Dp	35.5	40
GRO	< 0.1	< 0.1
DRO	--	--
B	< 0.005	< 0.005
T	< 0.005	< 0.005
E	< 0.005	< 0.005
X	< 0.005	< 0.005
MTBE	< 0.005	< 0.005
N	--	--

SB-7		
Date	9/28/2005	9/28/2005
Dp	50.5	55.5
GRO	< 0.1	< 0.1
DRO	--	--
B	< 0.005	< 0.005
T	< 0.005	< 0.005
E	< 0.005	< 0.005
X	< 0.005	< 0.005
MTBE	< 0.005	< 0.005
N	--	--

SB-8		
Date	9/27/2005	9/27/2005
Dp	40.5	45.5
GRO	< 0.1	< 0.1
DRO	--	--
B	< 0.005	< 0.005
T	< 0.005	< 0.005
E	< 0.005	< 0.005
X	< 0.005	< 0.005
MTBE	< 0.005	< 0.005
N	--	--

SB-9			
Date	9/27/2005	9/27/2005	9/27/2005
Dp	35.5	45.5	50.5
GRO	< 0.1	< 0.1	< 0.1
DRO	--	--	--
B	< 0.005	< 0.005	< 0.005
T	< 0.005	< 0.005	< 0.005
E	< 0.005	< 0.005	< 0.005
X	< 0.005	< 0.005	< 0.005
MTBE	< 0.005	< 0.005	< 0.005
N	--	--	--

SB-10	
Date	9/28/2005
Dp	36
GRO	< 0.1
DRO	--
B	< 0.005
T	< 0.005
E	< 0.005
X	< 0.005
MTBE	< 0.005
N	--

SB-1A														
Date	7/19/2005	7/19/2005	7/19/2005	7/19/2005	7/19/2005	7/19/2005	7/19/2005	7/19/2005	7/19/2005	7/19/2005	7/19/2005	7/19/2005	7/19/2005	7/19/2005
Dp	6.5	11.5	16.5	21.5	26.5	31.5	36.5	41.5	46.5	51.5	56.5	61.5	66.5	71.5
GRO	< 2.5	**2.9**	**2700**	**190**	**91**	**480**	**410**	**29**	**1200**	**13**	**19**	**15**	< 2.5	< 2.5
DRO	**3.5**	**3.2**	**790**	**8**	**12**	**69**	**88**	**5.4**	**180**	**2.8**	< 1.0	< 1.0	< 1.0	< 1.0
B	< 0.05	< 0.05	< 0.25	< 0.25	< 1	< 1	< 1	< 0.05	< 10	< 0.25	< 0.25	< 0.25	< 0.05	< 0.05
T	< 0.05	< 0.05	< 0.25	< 0.25	**1.3**	**6.3**	**7.8**	< 0.05	**23**	< 0.25	< 0.25	< 0.25	< 0.05	< 0.05
E	< 0.05	< 0.05	< 0.25	< 0.25	< 1	**1.5**	**4.2**	< 0.05	**10**	< 0.25	< 0.25	< 0.25	< 0.05	< 0.05
X	< 0.05	< 0.05	< 0.25	**3.7**	**4**	**49**	**41**	< 0.05	**83**	< 0.25	< 0.25	< 0.25	< 0.05	< 0.05
MTBE	**0.034**	**1.1**	**7.9**	**120**	**38**	**55**	**31**	**20**	**15**	**8.1**	**16**	**11**	**0.22**	**0.065**
N	--	--	--	--	--	--	--	--	--	--	--	--	--	--

SB-2														
Date	7/18/2005	7/18/2005	7/18/2005	7/18/2005	7/18/2005	7/18/2005	7/18/2005	7/18/2005	7/18/2005	7/18/2005	7/18/2005	7/18/2005	7/18/2005	7/18/2005
Dp	6.5	10.5	15.5	20.5	25.5	30.5	35.5	40.5	45.5	50.5	56.5	60	66.5	71.5
GRO	**0.1**	< 0.099	< 0.097	< 0.097	< 0.097	**3.1**	**5.5**	**5**	**5.9**	**3.9**	**2.7**	**3.2**	**2.6**	< 2.5
DRO	--	--	--	--	--	--	--	--	--	--	--	--	--	--
B	< 0.0048	< 0.005	< 0.0048	< 0.0048	< 0.0048	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
T	**0.009**	< 0.005	< 0.0048	< 0.0048	< 0.0048	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
E	< 0.0048	< 0.005	< 0.0048	< 0.0048	< 0.0048	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
X	< 0.0048	< 0.005	< 0.0048	< 0.0048	< 0.0048	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
MTBE	**0.069**	**0.045**	**0.019**	**0.026**	**0.068**	**1.5**	**4.4**	**3.7**	**4.7**	**2.5**	**1.1**	**1.8**	**0.86**	**0.45**
N	< 0.005 BU	< 0.005 BU	< 0.005 BU	< 0.005 BU	< 0.005 BU	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2

LEGEND

- GROUNDWATER MONITORING WELL (UNIT A)
- GROUNDWATER MONITORING WELL (UNIT B)
- ABANDONED/DESTROYED GROUNDWATER MONITORING WELL
- VAPOR EXTRACTION WELL (UNIT A)
- VAPOR EXTRACTION WELL (UNIT B)
- DESTROYED VAPOR EXTRACTION WELL
- CPT BORING
- SOIL BORING (SOUTHGATE CLEANERS)
- SOIL BORING (SHALLOW)
- SOIL BORING (MID)
- SOIL BORING (DEEP)
- SOIL VAPOR PROBE

NOTES:
Dp = DEPTH BELOW GROUND SURFACE (FEET)
GRO = GASOLINE RANGE ORGANICS
DRO = DIESEL RANGE ORGANICS
B = BENZENE
T = TOLUENE
E = ETHYLBENZENE
X = TOTAL XYLENES
MTBE = METHYL TERTIARY BUTYL ETHER
N = NAPHTHALENE
< = LESS THAN LABORATORY METHOD DETECTION LIMITS
-- = NOT ANALYZED
BU = SAMPLES ANALYZED AFTER HOLD TIME EXPIRED
BH = REPORTING LIMITS RAISED DUE TO HIGH LEVEL OF NON-TARGET ANALYTES

CONCENTRATIONS IN MILLIGRAMS PER KILOGRAM (mg/kg).

- LIGHT POLE
- SANITARY SEWER MANHOLE
- ELECTRIC MANHOLE
- STORM SEWER MANHOLE

This figure is based on a survey by Stratus Environmental dated 10/7/08, a Utility Map by Stantec dated 6/14/08 and a Detailed Site Plan by Stantec dated 8/12/16.

FIGURE 3f

SOIL ANALYTICAL MAP
2005 ADDITIONAL SOIL INVESTIGATION
ARCO SERVICE STATION NO. 0465
151 SOUTHGATE AVENUE
DALY CITY, CALIFORNIA

PROJECT NO.	PREPARED BY	REF SCALE
00465EA201	*JH*	*1:360*
DATE	REVIEWED BY	MAP SCALE
3/31/2020	*PE/RB*	*1 inch = 30 feet*

antea group

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MW-9			
Date	8/28/2008	8/28/2008	8/28/2008
Dp	48	51	56
GRO	< 0.5	< 0.5	< 0.5
DRO	--	--	--
B	< 0.001	< 0.001	< 0.001
T	< 0.001	< 0.001	< 0.001
E	< 0.001	< 0.001	< 0.001
X	< 0.001	< 0.001	< 0.001
MTBE	< 0.001	< 0.001	< 0.001
N	--	--	--

MW-8			
Date	8/29/2008	8/29/2008	8/29/2008
Dp	51	56	58
GRO	< 0.5	< 0.5	< 0.5
DRO	--	--	--
B	< 0.001	< 0.001	< 0.001
T	< 0.001	< 0.001	< 0.001
E	< 0.001	< 0.001	< 0.001
X	< 0.001	< 0.001	< 0.001
MTBE	< 0.001	< 0.001	< 0.001
N	--	--	--

MW-7			
Date	8/27/2008	8/27/2008	8/27/2008
Dp	26	56	61
GRO	< 0.5	< 0.5	< 0.5
DRO	--	--	--
B	< 0.001	< 0.001	< 0.001
T	< 0.001	< 0.001	< 0.001
E	< 0.001	< 0.001	< 0.001
X	< 0.001	< 0.001	< 0.001
MTBE	< 0.001	0.0032	< 0.001
N	--	--	--

LEGEND

- SOIL BORING LOCATION
- GROUNDWATER MONITORING WELL (UNIT A)
- GROUNDWATER MONITORING WELL (UNIT B)
- ABANDONED/DESTROYED GROUNDWATER MONITORING WELL
- VAPOR EXTRACTION WELL (UNIT A)
- VAPOR EXTRACTION WELL (UNIT B)
- DESTROYED VAPOR EXTRACTION WELL
- CPT BORING
- SOIL BORING (SOUTHGATE CLEANERS)
- SOIL BORING (SHALLOW)
- SOIL BORING (MID)
- SOIL BORING (DEEP)
- SOIL VAPOR PROBE
- LIGHT POLE
- STORM SEWER MANHOLE
- SANITARY SEWER MANHOLE
- ELECTRIC MANHOLE

NOTES:
Dp = DEPTH BELOW GROUND SURFACE (FEET)
GRO = GASOLINE RANGE ORGANICS
DRO = DIESEL RANGE ORGANICS
B = BENZENE
T = TOLUENE
E = ETHYLBENZENE
X = TOTAL XYLENES
MTBE = METHYL TERTIARY BUTYL ETHER
N = NAPHTHALENE
< = LESS THAN LABORATORY METHOD DETECTION LIMITS
-- = NOT ANALYZED

CONCENTRATIONS IN MILLIGRAMS PER KILOGRAM (mg/kg).

NO. 99 SOUTHGATE AVENUE
1-STORY CONCRETE COMMERCIAL BUILDING
"BURLINGTON COAT FACTORY"

N

0 10 20 40 60 80 Feet

This figure is based on a survey by Stratus Environmental dated 10/7/08, a Utility Map by Stantec dated 6/14/08 and a Detailed Site Plan by Stantec dated 8/12/16.

FIGURE 3g

SOIL ANALYTICAL MAP
2008 ADDITIONAL SOIL INVESTIGATION
ARCO SERVICE STATION NO. 0465
151 SOUTHGATE AVENUE
DALY CITY, CALIFORNIA

PROJECT NO.	PREPARED BY	REF SCALE
00465EA201	JH	1:480
DATE	REVIEWED BY	MAP SCALE
3/31/2020	PE/RB	1 inch = 40 feet

antea group

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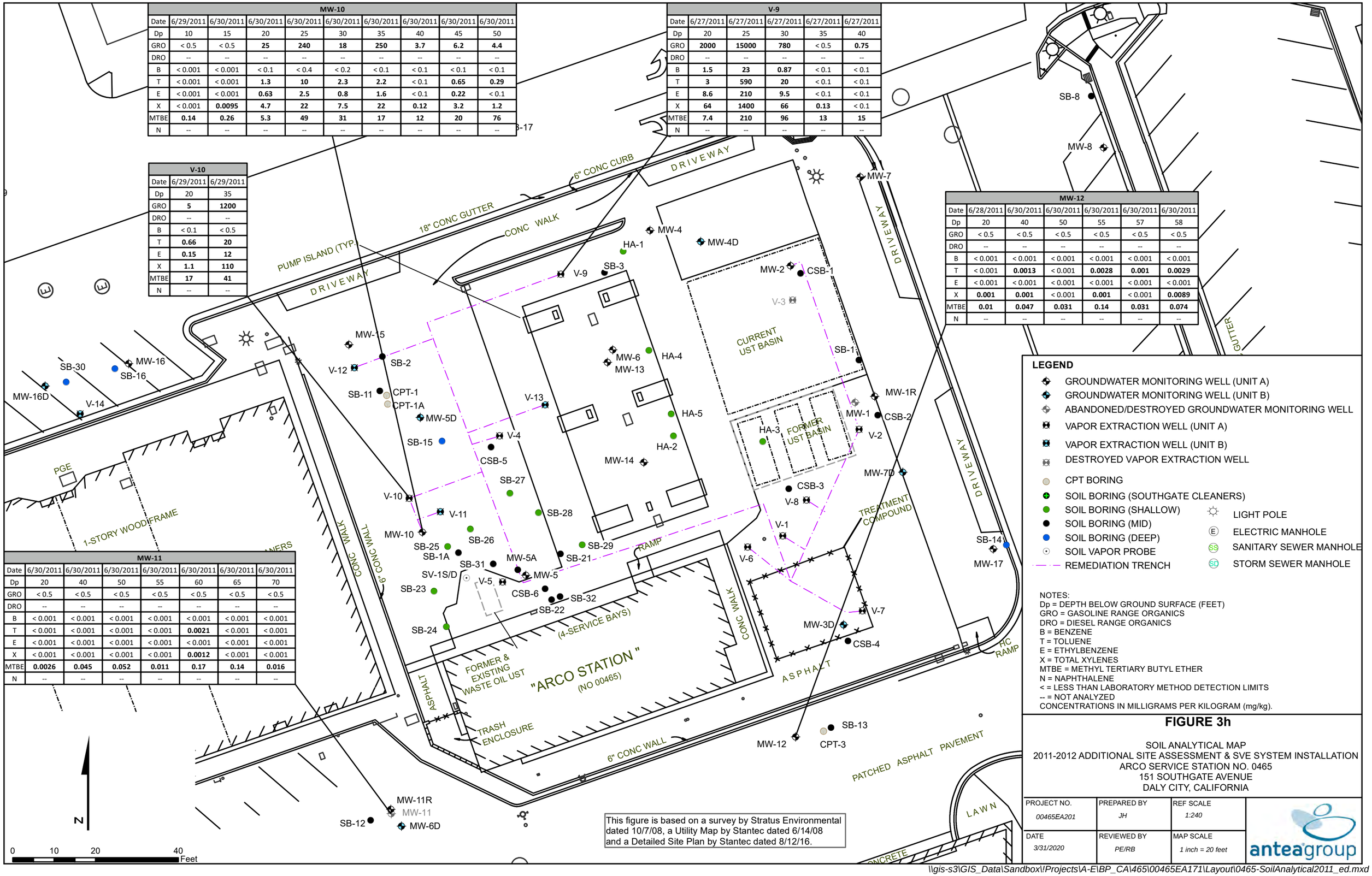
MW-10									
Date	6/29/2011	6/30/2011	6/30/2011	6/30/2011	6/30/2011	6/30/2011	6/30/2011	6/30/2011	6/30/2011
Dp	10	15	20	25	30	35	40	45	50
GRO	< 0.5	< 0.5	**25**	**240**	**18**	**250**	**3.7**	**6.2**	**4.4**
DRO	--	--	--	--	--	--	--	--	--
B	< 0.001	< 0.001	< 0.1	< 0.4	< 0.2	< 0.1	< 0.1	< 0.1	< 0.1
T	< 0.001	< 0.001	**1.3**	**10**	**2.3**	**2.2**	< 0.1	**0.65**	**0.29**
E	< 0.001	< 0.001	**0.63**	**2.5**	**0.8**	**1.6**	< 0.1	**0.22**	< 0.1
X	< 0.001	**0.0095**	**4.7**	**22**	**7.5**	**22**	**0.12**	**3.2**	**1.2**
MTBE	**0.14**	**0.26**	**5.3**	**49**	**31**	**17**	**12**	**20**	**76**
N	--	--	--	--	--	--	--	--	--

V-9					
Date	6/27/2011	6/27/2011	6/27/2011	6/27/2011	6/27/2011
Dp	20	25	30	35	40
GRO	**2000**	**15000**	**780**	< 0.5	**0.75**
DRO	--	--	--	--	--
B	**1.5**	**23**	**0.87**	< 0.1	< 0.1
T	**3**	**590**	**20**	< 0.1	< 0.1
E	**8.6**	**210**	**9.5**	< 0.1	< 0.1
X	**64**	**1400**	**66**	**0.13**	< 0.1
MTBE	**7.4**	**210**	**96**	**13**	**15**
N	--	--	--	--	--

V-10		
Date	6/29/2011	6/29/2011
Dp	20	35
GRO	**5**	**1200**
DRO	--	--
B	< 0.1	< 0.5
T	**0.66**	**20**
E	**0.15**	**12**
X	**1.1**	**110**
MTBE	**17**	**41**
N	--	--

MW-12						
Date	6/28/2011	6/30/2011	6/30/2011	6/30/2011	6/30/2011	6/30/2011
Dp	20	40	50	55	57	58
GRO	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
DRO	--	--	--	--	--	--
B	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
T	< 0.001	**0.0013**	< 0.001	**0.0028**	**0.001**	**0.0029**
E	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
X	**0.001**	**0.001**	< 0.001	**0.001**	< 0.001	**0.0089**
MTBE	**0.01**	**0.047**	**0.031**	**0.14**	**0.031**	**0.074**
N	--	--	--	--	--	--

MW-11							
Date	6/30/2011	6/30/2011	6/30/2011	6/30/2011	6/30/2011	6/30/2011	6/30/2011
Dp	20	40	50	55	60	65	70
GRO	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
DRO	--	--	--	--	--	--	--
B	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
T	< 0.001	< 0.001	< 0.001	< 0.001	**0.0021**	< 0.001	< 0.001
E	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
X	< 0.001	< 0.001	< 0.001	< 0.001	**0.0012**	< 0.001	< 0.001
MTBE	**0.0026**	**0.045**	**0.052**	**0.011**	**0.17**	**0.14**	**0.016**
N	--	--	--	--	--	--	--



LEGEND

- GROUNDWATER MONITORING WELL (UNIT A)
- GROUNDWATER MONITORING WELL (UNIT B)
- ABANDONED/DESTROYED GROUNDWATER MONITORING WELL
- VAPOR EXTRACTION WELL (UNIT A)
- VAPOR EXTRACTION WELL (UNIT B)
- DESTROYED VAPOR EXTRACTION WELL
- CPT BORING
- SOIL BORING (SOUTHGATE CLEANERS)
- SOIL BORING (SHALLOW)
- SOIL BORING (MID)
- SOIL BORING (DEEP)
- SOIL VAPOR PROBE
- REMEDIATION TRENCH
- LIGHT POLE
- ELECTRIC MANHOLE
- SANITARY SEWER MANHOLE
- STORM SEWER MANHOLE

NOTES:
Dp = DEPTH BELOW GROUND SURFACE (FEET)
GRO = GASOLINE RANGE ORGANICS
DRO = DIESEL RANGE ORGANICS
B = BENZENE
T = TOLUENE
E = ETHYLBENZENE
X = TOTAL XYLENES
MTBE = METHYL TERTIARY BUTYL ETHER
N = NAPHTHALENE
< = LESS THAN LABORATORY METHOD DETECTION LIMITS
-- = NOT ANALYZED
CONCENTRATIONS IN MILLIGRAMS PER KILOGRAM (mg/kg).

This figure is based on a survey by Stratus Environmental dated 10/7/08, a Utility Map by Stantec dated 6/14/08 and a Detailed Site Plan by Stantec dated 8/12/16.

FIGURE 3h

SOIL ANALYTICAL MAP
2011-2012 ADDITIONAL SITE ASSESSMENT & SVE SYSTEM INSTALLATION
ARCO SERVICE STATION NO. 0465
151 SOUTHGATE AVENUE
DALY CITY, CALIFORNIA

PROJECT NO.	PREPARED BY	REF SCALE
00465EA201	*JH*	*1:240*
DATE	REVIEWED BY	MAP SCALE
3/31/2020	*PE/RB*	*1 inch = 20 feet*

antea group

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SB-12

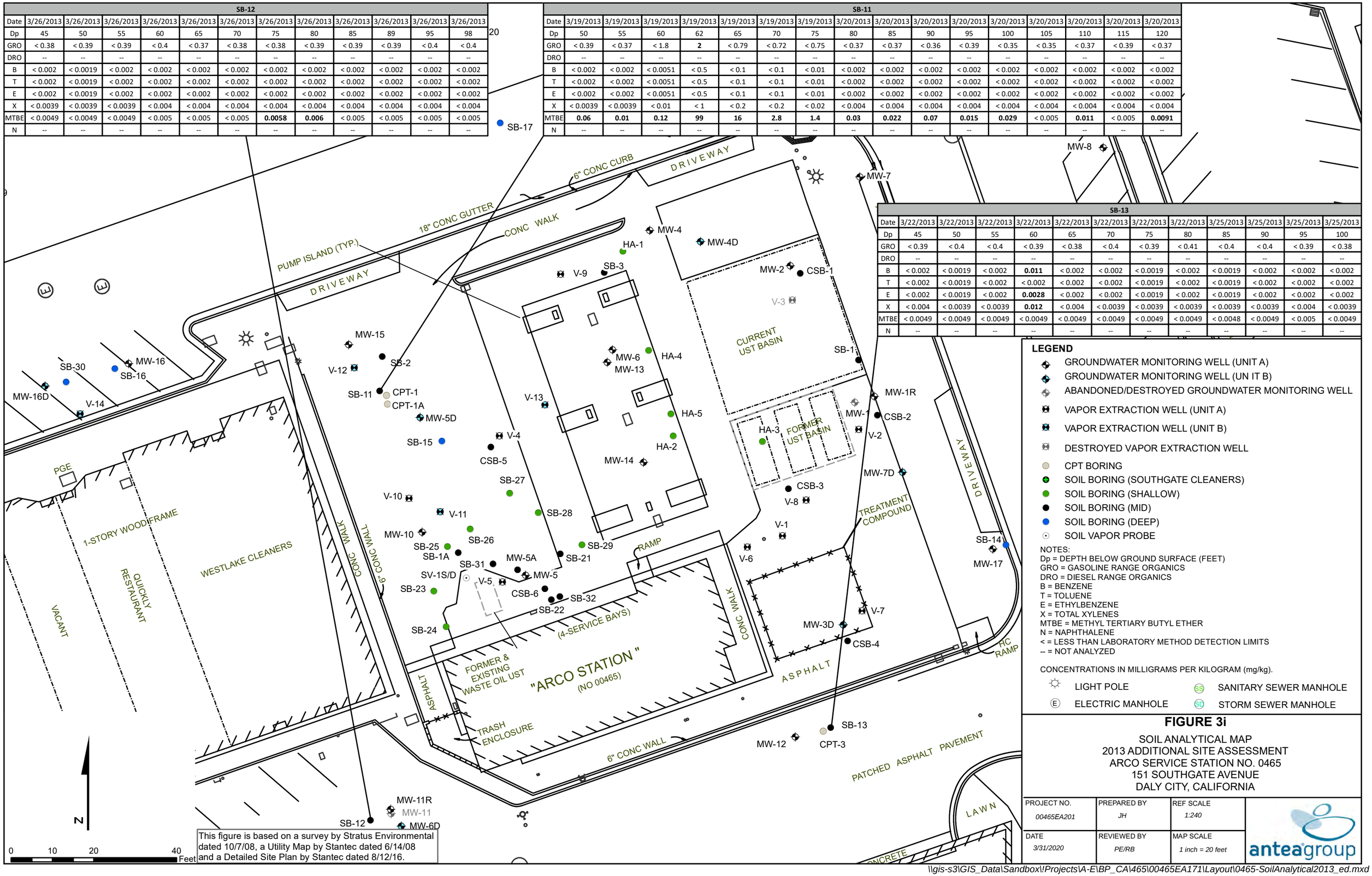
Date	3/26/2013	3/26/2013	3/26/2013	3/26/2013	3/26/2013	3/26/2013	3/26/2013	3/26/2013	3/26/2013	3/26/2013	3/26/2013	3/26/2013
Dp	45	50	55	60	65	70	75	80	85	89	95	98
GRO	< 0.38	< 0.39	< 0.39	< 0.4	< 0.37	< 0.38	< 0.38	< 0.39	< 0.39	< 0.39	< 0.4	< 0.4
DRO	--	--	--	--	--	--	--	--	--	--	--	--
B	< 0.002	< 0.0019	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002
T	< 0.002	< 0.0019	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002
E	< 0.002	< 0.0019	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002
X	< 0.0039	< 0.0039	< 0.0039	< 0.004	< 0.004	< 0.004	< 0.004	< 0.004	< 0.004	< 0.004	< 0.004	< 0.004
MTBE	< 0.0049	< 0.0049	< 0.0049	< 0.005	< 0.005	< 0.005	**0.0058**	**0.006**	< 0.005	< 0.005	< 0.005	< 0.005
N	--	--	--	--	--	--	--	--	--	--	--	--

SB-11

Date	3/19/2013	3/19/2013	3/19/2013	3/19/2013	3/19/2013	3/19/2013	3/19/2013	3/20/2013	3/20/2013	3/20/2013	3/20/2013	3/20/2013	3/20/2013	3/20/2013	3/20/2013	3/20/2013
Dp	50	55	60	62	65	70	75	80	85	90	95	100	105	110	115	120
GRO	< 0.39	< 0.37	< 1.8	**2**	< 0.79	< 0.72	< 0.75	< 0.37	< 0.37	< 0.36	< 0.39	< 0.35	< 0.35	< 0.37	< 0.39	< 0.37
DRO	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
B	< 0.002	< 0.002	< 0.0051	< 0.5	< 0.1	< 0.1	< 0.01	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002
T	< 0.002	< 0.002	< 0.0051	< 0.5	< 0.1	< 0.1	< 0.01	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002
E	< 0.002	< 0.002	< 0.0051	< 0.5	< 0.1	< 0.1	< 0.01	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002
X	< 0.0039	< 0.0039	< 0.01	< 1	< 0.2	< 0.2	< 0.02	< 0.004	< 0.004	< 0.004	< 0.004	< 0.004	< 0.004	< 0.004	< 0.004	< 0.004
MTBE	**0.06**	**0.01**	**0.12**	**99**	**16**	**2.8**	**1.4**	**0.03**	**0.022**	**0.07**	**0.015**	**0.029**	< 0.005	**0.011**	< 0.005	**0.0091**
N	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

SB-13

Date	3/22/2013	3/22/2013	3/22/2013	3/22/2013	3/22/2013	3/22/2013	3/22/2013	3/22/2013	3/25/2013	3/25/2013	3/25/2013	3/25/2013
Dp	45	50	55	60	65	70	75	80	85	90	95	100
GRO	< 0.39	< 0.4	< 0.4	< 0.39	< 0.38	< 0.4	< 0.39	< 0.41	< 0.4	< 0.4	< 0.39	< 0.38
DRO	--	--	--	--	--	--	--	--	--	--	--	--
B	< 0.002	< 0.0019	< 0.002	**0.011**	< 0.002	< 0.002	< 0.0019	< 0.002	< 0.0019	< 0.002	< 0.002	< 0.002
T	< 0.002	< 0.0019	< 0.002	< 0.002	< 0.002	< 0.002	< 0.0019	< 0.002	< 0.0019	< 0.002	< 0.002	< 0.002
E	< 0.002	< 0.0019	< 0.002	**0.0028**	< 0.002	< 0.002	< 0.0019	< 0.002	< 0.0019	< 0.002	< 0.002	< 0.002
X	< 0.004	< 0.0039	< 0.0039	**0.012**	< 0.004	< 0.0039	< 0.0039	< 0.0039	< 0.0039	< 0.0039	< 0.004	< 0.0039
MTBE	< 0.0049	< 0.0049	< 0.0049	< 0.0049	< 0.0049	< 0.0049	< 0.0049	< 0.0049	< 0.0048	< 0.0049	< 0.005	< 0.0049
N	--	--	--	--	--	--	--	--	--	--	--	--



This figure is based on a survey by Stratus Environmental dated 10/7/08, a Utility Map by Stantec dated 6/14/08 and a Detailed Site Plan by Stantec dated 8/12/16.

LEGEND

- GROUNDWATER MONITORING WELL (UNIT A)
- GROUNDWATER MONITORING WELL (UN IT B)
- ABANDONED/DESTROYED GROUNDWATER MONITORING WELL
- VAPOR EXTRACTION WELL (UNIT A)
- VAPOR EXTRACTION WELL (UNIT B)
- DESTROYED VAPOR EXTRACTION WELL
- CPT BORING
- SOIL BORING (SOUTHGATE CLEANERS)
- SOIL BORING (SHALLOW)
- SOIL BORING (MID)
- SOIL BORING (DEEP)
- SOIL VAPOR PROBE

NOTES:
Dp = DEPTH BELOW GROUND SURFACE (FEET)
GRO = GASOLINE RANGE ORGANICS
DRO = DIESEL RANGE ORGANICS
B = BENZENE
T = TOLUENE
E = ETHYLBENZENE
X = TOTAL XYLENES
MTBE = METHYL TERTIARY BUTYL ETHER
N = NAPHTHALENE
< = LESS THAN LABORATORY METHOD DETECTION LIMITS
-- = NOT ANALYZED

CONCENTRATIONS IN MILLIGRAMS PER KILOGRAM (mg/kg).

- LIGHT POLE
- ELECTRIC MANHOLE
- SANITARY SEWER MANHOLE
- STORM SEWER MANHOLE

FIGURE 3i

SOIL ANALYTICAL MAP
2013 ADDITIONAL SITE ASSESSMENT
ARCO SERVICE STATION NO. 0465
151 SOUTHGATE AVENUE
DALY CITY, CALIFORNIA

PROJECT NO.	PREPARED BY	REF SCALE
00465EA201	JH	1:240
DATE	REVIEWED BY	MAP SCALE
3/31/2020	PE/RB	1 inch = 20 feet

antea group

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SB-15																						
Date	12/09/2014	12/09/2014	12/09/2014	12/09/2014	12/09/2014	12/09/2014	12/09/2014	12/09/2014	12/09/2014	12/09/2014	12/09/2014	12/09/2014	12/09/2014	12/10/2014	12/10/2014	12/10/2014	12/10/2014	12/10/2014	12/10/2014	12/10/2014	12/10/2014	12/10/2014
Dp	10	20	25	30	40	50	60	64	65	70	80	90	100	110	120	130	140	150	160	170	180	
GRO	< 0.39	< 0.37	**160**	**0.39**	< 0.39	< 0.37	< 0.39	< 0.39	< 0.39	< 0.39	< 0.4	< 0.38	< 0.39	< 0.39	< 0.38	< 0.38	< 0.39	< 0.39	< 0.4	< 0.37	< 0.4	
DRO	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
B	< 0.002	< 0.002	< 0.1	< 0.002	< 0.002	< 0.002	< 0.0049	< 0.1	< 0.0096	< 0.1	< 0.002	< 0.0049	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.0019	< 0.002	
T	< 0.002	< 0.002	< 0.1	**0.0081**	< 0.002	< 0.002	< 0.0049	< 0.1	< 0.0096	< 0.1	< 0.002	< 0.0049	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.0019	< 0.002	
E	< 0.002	< 0.002	< 0.1	**0.0043**	< 0.002	< 0.002	< 0.0049	< 0.1	< 0.0096	< 0.1	< 0.002	< 0.0049	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.0019	< 0.002	
X	< 0.004	< 0.004	**0.6**	**0.075**	< 0.0039	< 0.004	< 0.0098	< 0.2	< 0.019	< 0.2	< 0.0039	< 0.0098	< 0.004	< 0.0039	< 0.004	< 0.004	< 0.004	< 0.0039	< 0.0039	< 0.0039	< 0.004	
MTBE	< 0.005	< 0.005	< 0.25	**0.009**	< 0.0049	**0.015**	**0.18**	**2.2**	**1.4**	**9.1**	**2.9**	**0.37**	**0.036**	**0.1**	< 0.005	< 0.005	< 0.005	< 0.0049	**0.0067**	< 0.0048	< 0.005	
N	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	

MW-15									
Date	12/17/2014	12/17/2014	12/17/2014	12/17/2014	12/17/2014	12/17/2014	12/17/2014	12/17/2014	12/17/2014
Dp	10	20	30	40	50	60	70	80	90
GRO	< 0.38	< 0.39	< 0.4	< 0.38	< 0.4	< 0.4	< 0.39	< 2	< 0.39
DRO	--	--	--	--	--	--	--	--	--
B	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.01	< 0.01	< 0.0097	< 0.002
T	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.01	< 0.01	< 0.0097	< 0.002
E	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.01	< 0.01	< 0.0097	< 0.002
X	< 0.004	< 0.004	< 0.004	< 0.004	< 0.004	< 0.02	< 0.02	< 0.019	< 0.004
MTBE	< 0.005	< 0.005	< 0.005	< 0.005	**0.065**	**7.3**	**3.8**	**13**	**0.33**
N	--	--	--	--	--	--	--	--	--

HA-1		
Date	12/10/2014	12/10/2014
Dp	3	5
GRO	< 0.39	< 0.38
DRO	--	--
B	< 0.002	< 0.002
T	< 0.002	< 0.002
E	< 0.002	< 0.002
X	< 0.004	< 0.004
MTBE	< 0.005	< 0.005
N	< 0.005	< 0.005

MW-4D	
Date	12/09/2014
Dp	5
GRO	< 0.38
DRO	--
B	< 0.002
T	< 0.002
E	< 0.002
X	< 0.004
MTBE	< 0.005
N	--

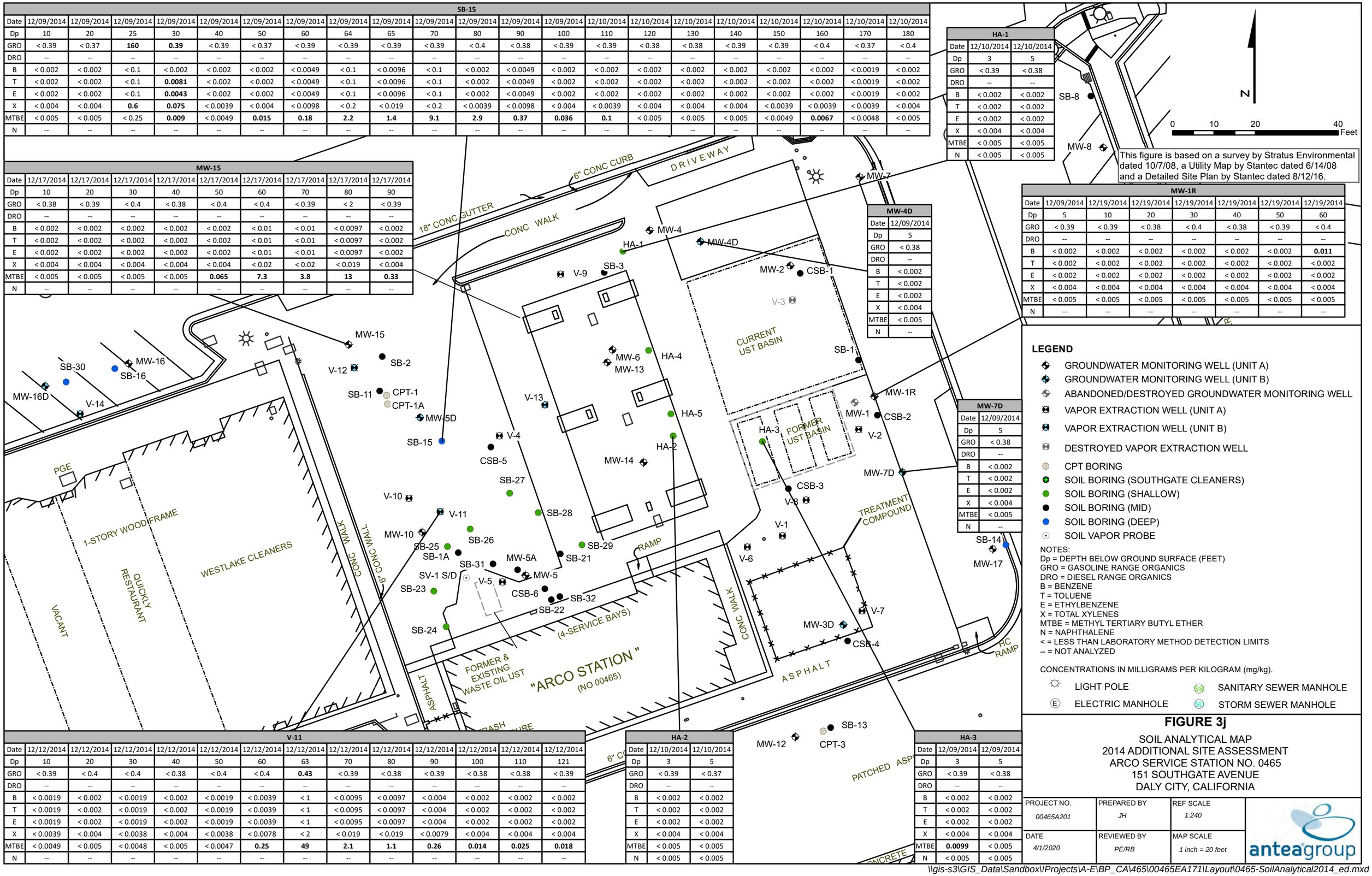
MW-1R							
Date	12/09/2014	12/19/2014	12/19/2014	12/19/2014	12/19/2014	12/19/2014	12/19/2014
Dp	5	10	20	30	40	50	60
GRO	< 0.39	< 0.39	< 0.38	< 0.4	< 0.38	< 0.39	< 0.4
DRO	--	--	--	--	--	--	--
B	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	**0.011**
T	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002
E	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002
X	< 0.004	< 0.004	< 0.004	< 0.004	< 0.004	< 0.004	< 0.004
MTBE	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
N	--	--	--	--	--	--	--

MW-7D	
Date	12/09/2014
Dp	5
GRO	< 0.38
DRO	--
B	< 0.002
T	< 0.002
E	< 0.002
X	< 0.004
MTBE	< 0.005
N	--

V-11													
Date	12/12/2014	12/12/2014	12/12/2014	12/12/2014	12/12/2014	12/12/2014	12/12/2014	12/12/2014	12/12/2014	12/12/2014	12/12/2014	12/12/2014	12/12/2014
Dp	10	20	30	40	50	60	63	70	80	90	100	110	121
GRO	< 0.39	< 0.4	< 0.4	< 0.38	< 0.4	< 0.4	**0.43**	< 0.39	< 0.38	< 0.39	< 0.38	< 0.38	< 0.39
DRO	--	--	--	--	--	--	--	--	--	--	--	--	--
B	< 0.0019	< 0.002	< 0.0019	< 0.002	< 0.0019	< 0.0039	< 1	< 0.0095	< 0.0097	< 0.004	< 0.002	< 0.002	< 0.002
T	< 0.0019	< 0.002	< 0.0019	< 0.002	< 0.0019	< 0.0039	< 1	< 0.0095	< 0.0097	< 0.004	< 0.002	< 0.002	< 0.002
E	< 0.0019	< 0.002	< 0.0019	< 0.002	< 0.0019	< 0.0039	< 1	< 0.0095	< 0.0097	< 0.004	< 0.002	< 0.002	< 0.002
X	< 0.0039	< 0.004	< 0.0038	< 0.004	< 0.0038	< 0.0078	< 2	< 0.019	< 0.019	< 0.0079	< 0.004	< 0.004	< 0.004
MTBE	< 0.0049	< 0.005	< 0.0048	< 0.005	< 0.0047	**0.25**	**49**	**2.1**	**1.1**	**0.26**	**0.014**	**0.025**	**0.018**
N	--	--	--	--	--	--	--	--	--	--	--	--	--

HA-2		
Date	12/10/2014	12/10/2014
Dp	3	5
GRO	< 0.39	< 0.37
DRO	--	--
B	< 0.002	< 0.002
T	< 0.002	< 0.002
E	< 0.002	< 0.002
X	< 0.004	< 0.004
MTBE	< 0.005	< 0.005
N	< 0.005	< 0.005

HA-3		
Date	12/09/2014	12/09/2014
Dp	3	5
GRO	< 0.39	< 0.38
DRO	--	--
B	< 0.002	< 0.002
T	< 0.002	< 0.002
E	< 0.002	< 0.002
X	< 0.004	< 0.004
MTBE	**0.0099**	< 0.005
N	< 0.005	< 0.005



LEGEND

- GROUNDWATER MONITORING WELL (UNIT A)
- GROUNDWATER MONITORING WELL (UNIT B)
- ABANDONED/DESTROYED GROUNDWATER MONITORING WELL
- VAPOR EXTRACTION WELL (UNIT A)
- VAPOR EXTRACTION WELL (UNIT B)
- DESTROYED VAPOR EXTRACTION WELL
- CPT BORING
- SOIL BORING (SOUTHGATE CLEANERS)
- SOIL BORING (SHALLOW)
- SOIL BORING (MID)
- SOIL BORING (DEEP)
- SOIL VAPOR PROBE

NOTES:
Dp = DEPTH BELOW GROUND SURFACE (FEET)
GRO = GASOLINE RANGE ORGANICS
DRO = DIESEL RANGE ORGANICS
B = BENZENE
T = TOLUENE
E = ETHYLBENZENE
X = TOTAL XYLENES
MTBE = METHYL TERTIARY BUTYL ETHER
N = NAPHTHALENE
< = LESS THAN LABORATORY METHOD DETECTION LIMITS
-- = NOT ANALYZED

CONCENTRATIONS IN MILLIGRAMS PER KILOGRAM (mg/kg).

- LIGHT POLE
- ELECTRIC MANHOLE
- SANITARY SEWER MANHOLE
- STORM SEWER MANHOLE

FIGURE 3j

SOIL ANALYTICAL MAP
2014 ADDITIONAL SITE ASSESSMENT
ARCO SERVICE STATION NO. 0465
151 SOUTHGATE AVENUE
DALY CITY, CALIFORNIA

PROJECT NO.	PREPARED BY	REF SCALE
00465A201	*JH*	*1:240*
DATE	REVIEWED BY	MAP SCALE
4/1/2020	*PE/RB*	*1 inch = 20 feet*

antea group

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MW-4D											
Date	1/26/2015	2/03/2015	2/04/2015	2/04/2015	2/04/2015	2/05/2015	2/05/2015	2/05/2015	2/05/2015	2/09/2015	2/09/2015
Dp	5	26	41	51	61	71	81	100	121	140	160
GRO	< 0.39	< 0.4	< 0.4	< 0.39	< 0.4	< 0.38	< 0.39	< 0.39	< 0.4	< 0.4	< 0.4
DRO	--	--	--	--	--	--	--	--	--	--	--
B	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002
T	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002
E	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002
X	< 0.004	< 0.004	< 0.004	< 0.004	< 0.004	< 0.0039	< 0.004	< 0.004	< 0.0039	< 0.0039	< 0.0039
MTBE	< 0.0049	< 0.005	< 0.005	< 0.005	< 0.005	< 0.0049	< 0.005	< 0.005	< 0.0049	< 0.0049	< 0.0049
N	--	--	--	--	--	--	--	--	--	--	--

SB-17														
Date	1/08/2015	1/13/2015	1/13/2015	1/13/2015	1/13/2015	1/13/2015	1/13/2015	1/14/2015	1/14/2015	1/14/2015	1/14/2015	1/14/2015	1/14/2015	1/14/2015
Dp	5	10	20	30	40	50	60	70	80	90	100	110	120	130
GRO	< 0.2	< 0.4	< 0.4	< 0.4	< 0.4	< 0.4	< 0.39	< 0.38	< 0.38	< 0.39	< 0.38	< 0.4	< 0.4	< 0.4
DRO	--	--	--	--	--	--	--	--	--	--	--	--	--	--
B	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.0019	< 0.0019	< 0.002	< 0.002	< 0.002	< 0.002	< 0.0019
T	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.0019	< 0.0019	< 0.002	< 0.002	< 0.002	< 0.002	< 0.0019
E	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.0019	< 0.0019	< 0.002	< 0.002	< 0.002	< 0.002	< 0.0019
X	< 0.0039	< 0.004	< 0.004	< 0.004	< 0.004	< 0.004	< 0.004	< 0.0039	< 0.0038	< 0.004	< 0.004	< 0.004	< 0.004	< 0.0038
MTBE	< 0.0049	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	**0.15**	< 0.0048	**0.19**	**0.34**	**0.012**	**0.22**	**0.025**	**0.005**
N	--	--	--	--	--	--	--	--	--	--	--	--	--	--

MW-7D											
Date	1/15/2015	1/15/2015	1/15/2015	1/15/2015	1/15/2015	1/15/2015	1/15/2015	1/16/2015	1/16/2015	1/16/2015	1/19/2015
Dp	12	21	40	60	61	70	81	101	121	141	161
GRO	**170**	< 0.4	< 0.39	< 0.39	< 0.38	< 0.39	< 0.38	< 0.4	< 0.38	< 0.4	< 0.38
DRO	--	--	--	--	--	--	--	--	--	--	--
B	< 0.19	< 0.0019	< 0.0019	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002
T	< 0.19	< 0.0019	< 0.0019	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002
E	**0.95**	< 0.0019	< 0.0019	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002
X	**7.9**	< 0.0037	< 0.0039	< 0.004	< 0.004	< 0.004	< 0.004	< 0.004	< 0.004	< 0.004	< 0.002
MTBE	< 0.48	< 0.0047	< 0.0048	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
N	--	--	--	--	--	--	--	--	--	--	--

SB-16													
Date	1/13/2015	1/13/2015	1/13/2015	1/13/2015	1/13/2015	1/13/2015	1/15/2015	1/15/2015	1/15/2015	1/15/2015	1/15/2015	1/15/2015	1/15/2015
Dp	10	20	30	40	50	60	71	80	90	99	110	120	130
GRO	< 0.38	< 0.38	< 0.4	< 0.39	< 0.39	< 0.4	< 1.4	< 0.4	< 0.4	< 0.39	< 0.39	< 0.39	< 0.4
DRO	--	--	--	--	--	--	--	--	--	--	--	--	--
B	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.0096	< 0.01	< 0.0099	< 0.002	< 0.002	< 0.002	< 0.002
T	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.0096	< 0.01	< 0.0099	< 0.002	< 0.002	< 0.002	< 0.002
E	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.0096	< 0.01	< 0.0099	< 0.002	< 0.002	< 0.002	< 0.002
X	< 0.004	< 0.004	< 0.004	< 0.0041	< 0.004	< 0.004	< 0.19	< 0.02	< 0.02	< 0.004	< 0.004	< 0.004	< 0.004
MTBE	< 0.005	< 0.005	< 0.005	< 0.0051	< 0.005	< 0.005	**13**	**2.3**	**1.3**	**0.041**	**0.03**	< 0.005	< 0.005
N	--	--	--	--	--	--	--	--	--	--	--	--	--

MW-13								
Date	1/06/2015	1/06/2015	1/06/2015	1/06/2015	1/06/2015	1/06/2015	1/06/2015	1/06/2015
Dp	10	20	30	40	50	60	71	80
GRO	< 0.39	**2.4**	< 0.4	< 0.39	**0.67**	< 0.38	< 0.38	< 0.38
DRO	--	--	--	--	--	--	--	--
B	< 0.002	< 0.0049	< 0.002	< 0.002	< 0.002	< 0.0087	< 0.0019	< 0.0096
T	< 0.002	< 0.0049	< 0.002	< 0.002	< 0.002	< 0.0087	< 0.0019	< 0.0096
E	< 0.002	< 0.0049	< 0.002	< 0.002	< 0.002	< 0.0087	< 0.0019	< 0.0096
X	< 0.004	**0.29**	< 0.004	< 0.004	< 0.004	< 0.017	< 0.0038	< 0.019
MTBE	< 0.005	< 0.012	< 0.005	< 0.005	< 0.005	**0.92**	**0.51**	**0.9**
N	--	--	--	--	--	--	--	--

MW-14										
Date	1/05/2015	1/05/2015	1/05/2015	1/05/2015	1/05/2015	1/05/2015	1/05/2015	1/05/2015	1/05/2015	1/05/2015
Dp	5	10	20	25	30	40	50	60	70	80
GRO	< 0.38	< 0.39	**1.7**	< 0.37	**2.5**	< 0.39	< 0.4	< 0.4	< 0.39	< 0.4
DRO	--	--	--	--	--	--	--	--	--	--
B	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.0019	< 0.002	< 0.0041	< 0.002	< 0.002
T	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.0019	< 0.002	< 0.0041	< 0.002	< 0.002
E	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.0019	< 0.002	< 0.0041	< 0.002	< 0.002
X	< 0.004	< 0.004	**0.033**	< 0.004	< 0.004	< 0.0039	< 0.004	< 0.0083	< 0.004	< 0.0039
MTBE	**0.14**	< 0.005	< 0.005	< 0.005	< 0.005	< 0.0048	< 0.005	**0.44**	**0.032**	< 0.0049
N	--	--	--	--	--	--	--	--	--	--

MW-6D			
Date	1/29/2015	1/29/2015	1/30/2015
Dp	121	141	167
GRO	< 0.39	< 0.4	< 0.4
DRO	--	--	--
B	< 0.002	< 0.002	< 0.002
T	< 0.002	< 0.002	< 0.002
E	< 0.002	< 0.002	< 0.002
X	< 0.004	< 0.004	< 0.004
MTBE	< 0.005	< 0.005	< 0.005
N	--	--	--

SB-14													
Date	1/07/2015	1/07/2015	1/07/2015	1/07/2015	1/07/2015	1/07/2015	1/08/2015	1/08/2015	1/08/2015	1/08/2015	1/08/2015	1/08/2015	1/08/2015
Dp	10	20	30	40	50	60	70	80	90	100	110	120	130
GRO	< 0.39	< 0.39	< 0.39	< 0.4	< 0.4	< 0.4	< 0.38	< 0.39	< 0.39	< 0.4	< 0.39	< 0.39	< 0.4
DRO	--	--	--	--	--	--	--	--	--	--	--	--	--
B	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002
T	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002
E	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002
X	< 0.004	< 0.004	< 0.004	< 0.004	< 0.004	< 0.004	< 0.004	< 0.004	< 0.004	< 0.004	< 0.004	< 0.004	< 0.004
MTBE	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
N	--	--	--	--	--	--	--	--	--	--	--	--	--



LEGEND

- GROUNDWATER MONITORING WELL (UNIT A)
- GROUNDWATER MONITORING WELL (UNIT B)
- ABANDONED/DESTROYED GROUNDWATER MONITORING WELL
- VAPOR EXTRACTION WELL (UNIT A)
- VAPOR EXTRACTION WELL (UNIT B)
- DESTROYED VAPOR EXTRACTION WELL
- CPT BORING
- SOIL BORING (SOUTHGATE CLEANERS)
- SOIL BORING (SHALLOW)
- SOIL BORING (MID)
- SOIL BORING (DEEP)
- SOIL VAPOR PROBE

NOTES:
Dp = DEPTH BELOW GROUND SURFACE (FEET)
GRO = GASOLINE RANGE ORGANICS
DRO = DIESEL RANGE ORGANICS
B = BENZENE
T = TOLUENE
E = ETHYLBENZENE
X = TOTAL XYLENES
MTBE = METHYL TERTIARY BUTYL ETHER
N = NAPHTHALENE
< = LESS THAN LABORATORY METHOD DETECTION LIMITS
-- = NOT ANALYZED

CONCENTRATIONS IN MILLIGRAMS PER KILOGRAM (mg/kg).

- LIGHT POLE
- ELECTRIC MANHOLE
- SANITARY SEWER MANHOLE
- STORM SEWER MANHOLE

This figure is based on a survey by Stratus Environmental dated 10/7/08, a Utility Map by Stantec dated 6/14/08 and a Detailed Site Plan by Stantec dated 8/12/16.

FIGURE 3k

SOIL ANALYTICAL MAP
FIRST QUARTER 2015 ADDITIONAL SITE ASSESSMENT
ARCO SERVICE STATION NO. 0465
151 SOUTHGATE AVENUE
DALY CITY, CALIFORNIA

PROJECT NO.	PREPARED BY	REF SCALE
00465A201	JH	1:240
DATE	REVIEWED BY	MAP SCALE
4/1/2020	PE/RB	1 inch = 20 feet

antea group

\\gis-s3\GIS_Data\Sandbox\!Projects\A-E\BP_CA\465\00465EA171\Layout\0465-SoilAnalytical2015_1Q_ed.mxd

SB-19											
Date	11/03/2015	11/03/2015	11/03/2015	11/03/2015	11/03/2015	11/03/2015	11/04/2015	11/04/2015	11/04/2015	11/04/2015	11/04/2015
Dp	40	50	54	60	70	80	90	100	110	120	130
GRO	< 0.4	< 0.4	< 0.4	< 0.4	< 0.39	< 0.38	< 0.4	< 0.39	< 0.39	< 0.4	< 0.39
DRO	--	--	--	--	--	--	--	--	--	--	--
B	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002
T	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002
E	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002
X	< 0.004	< 0.004	< 0.004	< 0.004	< 0.004	< 0.0039	< 0.004	< 0.004	< 0.004	< 0.004	< 0.0039
MTBE	< 0.005	< 0.005	< 0.0049	< 0.005	< 0.005	< 0.0049	< 0.0049	< 0.005	< 0.005	< 0.0049	< 0.0049
N	--	--	--	--	--	--	--	--	--	--	--

V-13								
Date	10/08/2015	10/13/2015	10/13/2015	10/13/2015	10/13/2015	10/13/2015	10/13/2015	10/13/2015
Dp	5	20	40	60	65	70	80	90
GRO	< 0.4	**0.46**	< 0.4	< 0.4	< 1.9	< 1.1	< 2	< 0.4
DRO	--	--	--	--	--	--	--	--
B	< 0.002	< 0.002	< 0.002	< 0.01	< 0.0095	< 0.0095	< 0.0096	< 0.002
T	< 0.002	< 0.002	**0.0028**	< 0.01	< 0.0095	< 0.0095	< 0.0096	< 0.002
E	< 0.002	< 0.002	< 0.002	< 0.01	< 0.0095	< 0.0095	< 0.0096	< 0.002
X	< 0.004	< 0.004	**0.0075**	< 0.02	< 0.019	< 0.019	< 0.019	< 0.004
MTBE	< 0.005	**0.02**	**0.051**	**2.4**	**14**	**1.6**	**0.7**	**0.22**
N	--	--	--	--	--	--	--	--

SB-21							
Date	10/08/2015	10/08/2015	10/29/2015	10/29/2015	10/29/2015	10/29/2015	10/29/2015
Dp	3	5	10	15	25	35	40
GRO	**4800**	**88**	< 0.4	**0.57**	**190**	< 0.4	< 0.4
DRO	**130**	**35**	--	--	--	--	--
B	< 0.1	< 0.01	< 0.002	< 0.002	< 0.1	< 0.002	< 0.002
T	< 0.1	< 0.01	< 0.002	< 0.002	< 0.1	< 0.002	< 0.002
E	< 0.1	< 0.01	< 0.002	< 0.002	**0.14**	< 0.002	< 0.002
X	< 0.2	< 0.02	< 0.004	< 0.004	**2.5**	< 0.0039	< 0.0039
MTBE	< 0.25	< 0.025	< 0.005	< 0.005	< 0.25	< 0.0049	< 0.0049
N	< 0.25	< 0.025	< 0.005	< 0.005	**0.77**	**0.04**	< 0.0049

V-12	
Date	10/07/2015
Dp	5
GRO	< 0.4
DRO	--
B	< 0.002
T	< 0.002
E	< 0.002
X	< 0.004
MTBE	< 0.005
N	--

SB-18													
Date	10/21/2015	10/21/2015	10/21/2015	10/21/2015	10/22/2015	10/22/2015	10/22/2015	10/22/2015	10/22/2015	10/22/2015	10/22/2015	10/22/2015	10/22/2015
Dp	10	20	30	40	50	60	70	80	90	100	110	120	130
GRO	< 0.4	< 0.4	< 0.39	< 0.4	< 0.4	< 0.4	< 0.4	< 0.4	< 0.4	< 0.4	< 0.4	< 0.4	< 0.4
DRO	--	--	--	--	--	--	--	--	--	--	--	--	--
B	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002
T	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002
E	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002
X	< 0.004	< 0.004	< 0.004	< 0.004	< 0.004	< 0.004	< 0.004	< 0.004	< 0.0039	< 0.004	< 0.004	< 0.004	< 0.004
MTBE	< 0.005	< 0.005	< 0.005	< 0.0049	< 0.005	< 0.005	< 0.005	< 0.005	< 0.0049	**0.036**	**0.11**	**0.006**	< 0.005
N	--	--	--	--	--	--	--	--	--	--	--	--	--

SB-22						
Date	10/08/2015	10/08/2015	10/29/2015	10/29/2015	10/29/2015	10/29/2015
Dp	3	5	10	15	25	35
GRO	**930**	**57**	**8.3**	**5.8**	**680**	< 0.4
DRO	**220**	**57**	--	--	--	--
B	< 0.1	< 0.0079	< 0.0057	< 0.002	< 0.5	< 0.002
T	< 0.1	< 0.0079	< 0.0057	< 0.002	< 0.5	< 0.002
E	< 0.1	< 0.0079	< 0.0057	< 0.002	< 0.5	< 0.002
X	< 0.2	< 0.016	< 0.011	< 0.0039	**5.1**	< 0.004
MTBE	< 0.25	< 0.02	< 0.014	< 0.0049	< 1.2	< 0.005
N	< 0.25	< 0.02	< 0.014	< 0.0049	**9.1**	**0.047**

This figure is based on a survey by Stratus Environmental dated 10/7/08, a Utility Map by Stantec dated 6/14/08 and a Detailed Site Plan by Stantec dated 8/12/16.

LEGEND

- GROUNDWATER MONITORING WELL (UNIT A)
- GROUNDWATER MONITORING WELL (UNIT B)
- ABANDONED/DESTROYED GROUNDWATER MONITORING WELL
- VAPOR EXTRACTION WELL (UNIT A)
- VAPOR EXTRACTION WELL (UNIT B)
- DESTROYED VAPOR EXTRACTION WELL
- CPT BORING
- SOIL BORING (SOUTHGATE CLEANERS)
- SOIL BORING (SHALLOW)
- SOIL BORING (MID)
- SOIL BORING (DEEP)
- SOIL VAPOR PROBE

NOTES:
Dp = DEPTH BELOW GROUND SURFACE (FEET)
GRO = GASOLINE RANGE ORGANICS
DRO = DIESEL RANGE ORGANICS
B = BENZENE
T = TOLUENE
E = ETHYLBENZENE
X = TOTAL XYLENES
MTBE = METHYL TERTIARY BUTYL ETHER
N = NAPHTHALENE
< = LESS THAN LABORATORY METHOD DETECTION LIMITS
-- = NOT ANALYZED

CONCENTRATIONS IN MILLIGRAMS PER KILOGRAM (mg/kg).

- LIGHT POLE
- SANITARY SEWER MANHOLE
- ELECTRIC MANHOLE
- STORM SEWER MANHOLE

FIGURE 3I

SOIL ANALYTICAL MAP
FOURTH QUARTER 2015 ADDITIONAL SITE ASSESSMENT
ARCO SERVICE STATION NO. 0465
151 SOUTHGATE AVENUE
DALY CITY, CALIFORNIA

PROJECT NO.	PREPARED BY	REF SCALE
00465A201	JH	1:360
DATE	REVIEWED BY	MAP SCALE
4/1/2020	PE/RB	1 inch = 30 feet

antea group

\\gis-s3\GIS_Data\Sandbox\!Projects\A-E\BP_CA\465\00465EA171\Layout\0465-SoilAnalytical2015_4Q_ed.mxd

SB-20D														
Date	5/13/2016	5/13/2016	5/13/2016	5/13/2016	5/13/2016	5/13/2016	5/13/2016	5/13/2016	5/13/2016	5/13/2016	5/13/2016	5/13/2016	5/13/2016	5/13/2016
Dp	51	59	63	66	67	69.5	72	81	91	101	111	121	126	131
GRO	< 0.4	< 0.4	< 0.39	< 0.4	< 0.39	< 0.39	< 0.39	< 0.4	< 0.4	< 0.4	< 0.39	< 0.4	< 0.39	< 0.4
DRO	--	--	--	--	--	--	--	--	--	--	--	--	--	--
B	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002
T	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002
E	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002
X	< 0.004	< 0.004	< 0.004	< 0.004	< 0.004	< 0.004	< 0.004	< 0.004	< 0.004	< 0.004	< 0.004	< 0.004	< 0.004	< 0.004
MTBE	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	**0.036**	**0.021**	**0.028**	**0.016**	< 0.005	**0.012**	**0.035**	**0.013**	**0.0075**
N	--	--	--	--	--	--	--	--	--	--	--	--	--	--

MW-9D					
Date	7/17/2017	7/17/2017	7/17/2017	7/18/2017	7/18/2017
Dp	45	52	104	145	162
GRO	< 0.3	< 0.37	< 0.28	< 0.3	< 0.29
DRO	--	--	--	--	--
B	< 0.0015	< 0.0014	< 0.0013	< 0.0015	< 0.0014
T	< 0.0015	< 0.0014	< 0.0013	< 0.0015	< 0.0014
E	< 0.0015	< 0.0014	< 0.0013	< 0.0015	< 0.0014
X	< 0.0045	< 0.0042	< 0.0039	< 0.0045	< 0.0042
MTBE	< 0.0037	< 0.0035	< 0.0033	< 0.0037	< 0.0035
N	--	--	--	--	--

MW-19	
Date	5/17/2016
Dp	62
GRO	< 0.4
DRO	--
B	< 0.002
T	< 0.002
E	< 0.002
X	< 0.004
MTBE	< 0.005
N	--

V-14			
Date	5/10/2016	5/10/2016	5/10/2016
Dp	66	76	86
GRO	< 0.4	< 0.4	< 0.4
DRO	--	--	--
B	< 0.002	< 0.002	< 0.0096
T	< 0.002	< 0.002	< 0.0096
E	< 0.002	< 0.002	< 0.0096
X	< 0.004	< 0.004	< 0.019
MTBE	< 0.005	**0.21**	**2.7**
N	--	--	--

LEGEND

- SOIL BORING LOCATION
- GROUNDWATER MONITORING WELL (UNIT A)
- GROUNDWATER MONITORING WELL (UNIT B)
- ABANDONED/DESTROYED GROUNDWATER MONITORING WELL
- VAPOR EXTRACTION WELL (UNIT A)
- VAPOR EXTRACTION WELL (UNIT B)
- DESTROYED VAPOR EXTRACTION WELL
- CPT BORING
- SOIL BORING (SOUTHGATE CLEANERS)
- SOIL BORING (SHALLOW)
- SOIL BORING (MID)
- SOIL BORING (DEEP)
- SOIL VAPOR PROBE
- LIGHT POLE
- STORM SEWER MANHOLE
- SANITARY SEWER MANHOLE
- ELECTRIC MANHOLE

NOTES:
Dp = DEPTH BELOW GROUND SURFACE (FEET)
GRO = GASOLINE RANGE ORGANICS
DRO = DIESEL RANGE ORGANICS
B = BENZENE
T = TOLUENE
E = ETHYLBENZENE
X = TOTAL XYLENES
MTBE = METHYL TERTIARY BUTYL ETHER
N = NAPHTHALENE
< = LESS THAN LABORATORY METHOD DETECTION LIMITS
-- = NOT ANALYZED

CONCENTRATIONS IN MILLIGRAMS PER KILOGRAM (mg/kg).

SOUTHGATE AVENUE
LAKE MERCED BOULEVARD
"ARCO STATION"
(NO 00465)
NO. 99 SOUTHGATE AVENUE
1-STORY CONCRETE COMMERCIAL BUILDING
"BURLINGTON COAT FACTORY"
RESIDENTIAL AREA
(FORMER SOUTHGATE CLEANERS)
HAIR DESIGN
DENTIST
H&R BLOCK
TIMES SALON
VACANT
QUICKLY RESTAURANT
1-STORY WOOD FRAME
WESTLAKE LAUNDRY
CURRENT UST BASIN
FORMER UST BASIN
TREATMENT COMPOUND
(4-SERVICE BAYS)
WASTE OIL UST
TRASH ENCLOSURE
GARAGE ENTRANCE
BUS STOP
PUMP ISLAND (TYP.)
DRIVEWAY
CONC WALK
CONC CURB
18" CONC GUTTER
6" CONC WALL
PATCHED ASPHALT PAVEMENT
ASPHALT
LAWN
PLANTER
PLANTER (TYP)
30" VALLEY GUTTER
6-PS
16" PALM IN PLANTER
30" PALM
12" CONC GUTTER
6" CONC CURB
24" CONCRETE ISLAND CONC GUTTER
8" CONC GUTTER
HC RAMP
30"SS
9"SS
MW-9D
MW-9
MW-4
MW-4D
MW-2
CSB-1
V-3
SB-1
MW-1
MW-1R
CSB-2
V-2
MW-7D
CSB-3
V-8
MW-7
SB-3
HA-1
V-9
MW-6
HA-4
V-13
MW-13
HA-5
HA-2
HA-3
MW-14
MW-5A
SB-28
MW-5
SB-29
SB-21
CSB-6
SB-32
V-5
SB-22
V-6
V-1
SB-14
MW-17
V-7
CSB-4
MW-3D
SB-13
MW-12
CPT-3
SB-10
SB-7
SB-5
SB-20C
SB-20D
MW-19
MW-19D
SB-4
SB-20
SB-20B
SB-17
SB-8
MW-8
SB-9
MW-15
SB-2
V-12
SB-11
CPT-1
CPT-1A
MW-5D
SB-15
V-4
CSB-5
SB-27
V-10
V-11
SB-26
MW-10
SB-25
SB-31
SB-1A
SB-23
SV-1S/D
SB-24
MW-16
SB-16
MW-16D
V-14
SB-30
MW-18
SB-18
MW-18D
MW-11R
SB-12
MW-6D
MW-11
SG-10
DB-2
SB-1S
SB-1D
V-1S/D
V-1D
V-2S/D
V-2D
V-3S/D
V-3D
V-4S/D
V-4D
V-5S/D
V-5D
V-6S/D
V-6D
V-7S/D
V-7D
V-8S/D
V-8D
V-9S/D
V-9D
V-10S/D
V-10D
V-11S/D
V-11D
V-12S/D
V-12D
V-13S/D
V-13D
V-14S/D
V-14D
N
0 10 20 40 60 80 Feet

This figure is based on a survey by Stratus Environmental dated 10/7/08, a Utility Map by Stantec dated 6/14/08 and a Detailed Site Plan by Stantec dated 8/12/16.

FIGURE 3m

SOIL ANALYTICAL MAP
2016 AND 2017 ADDITIONAL ASSESSMENTS
ARCO SERVICE STATION NO. 0465
151 SOUTHGATE AVENUE
DALY CITY, CALIFORNIA

PROJECT NO.	PREPARED BY	REF SCALE
00465EA201	JH	1:480
DATE	REVIEWED BY	MAP SCALE
3/31/2020	PE/RB	1 inch = 40 feet

antea group

\\gis-s3\GIS_Data\Sandbox\!Projects\A-E\BP_CA\465\00465EA171\Layout\0465-SoilAnalytical2016_ED.mxd

SB-30									
Date	5/09/2018	5/09/2018	5/09/2018	5/09/2018	5/09/2018	5/09/2018	5/09/2018	5/09/2018	5/09/2018
Dp	66	76	81	86	91	96	101	105	110
GRO	< 0.28	< 0.29	< 0.29	< 0.32	< 0.31	0.31	< 0.31	< 0.32	< 0.31
DRO	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
B	< 0.0016	< 0.0014	< 0.0016	< 0.0014	< 0.0016	< 0.0017	< 0.0016	< 0.0018	< 0.0018
T	< 0.0016	< 0.0014	< 0.0016	< 0.0014	< 0.0016	< 0.0017	< 0.0016	< 0.0018	< 0.0018
E	< 0.0016	< 0.0014	< 0.0016	< 0.0014	< 0.0016	< 0.0017	< 0.0016	< 0.0018	< 0.0018
X	< 0.0031	< 0.0029	< 0.0032	< 0.0029	< 0.0032	< 0.0034	< 0.0032	< 0.0035	< 0.0035
MTBE	< 0.0039	< 0.0036	**0.14**	**0.45 EY**	**0.0080**	< 0.0043	< 0.0040	< 0.0044	< 0.0044
N	< 0.03	< 0.028	< 0.03	< 0.03	< 0.03	< 0.03	< 0.03	< 0.03	< 0.03

SB-27			
Date	3/28/2018	3/28/2018	3/28/2018
Dp	4	10	14
GRO	< 0.36	< 0.38	< 0.37
DRO	< 5.0	< 4.9	< 5.0
B	< 0.0019	< 0.0018	< 0.0019
T	< 0.0019	< 0.0018	< 0.0019
E	< 0.0019	< 0.0018	< 0.0019
X	< 0.0039	< 0.0036	< 0.0038
MTBE	< 0.0049	< 0.0045	< 0.0047
N	< 0.03	< 0.03	< 0.029

SB-31									
Date	11/02/2018	11/02/2018	11/02/2018	11/02/2018	11/02/2018	11/02/2018	11/02/2018	11/02/2018	11/02/2018
Dp	5	10	15	20	18	25	30	35	40
GRO	< 0.36	**3100**	< 0.39	**1700**	**97**	**560**	< 0.37	< 0.35	< 0.33
DRO	< 5.0	**140**	**13**	**52**	**190**	**160**	**50**	< 5.0	**5.5**
B	< 0.0021 GR	< 0.092	< 0.0018	< 0.077	< 0.0019	< 0.23	< 0.0019	< 0.0018	< 0.0017
T	< 0.0021 GR	< 0.092	< 0.0018	< 0.077	< 0.0019	< 0.23	< 0.0019	< 0.0018	< 0.0017
E	< 0.0021 GR	< 0.092	< 0.0018	**0.083**	< 0.0019	< 0.23	< 0.0019	< 0.0018	< 0.0017
X	< 0.0042 GR	< 0.18	< 0.0036	**1.3**	< 0.0038	**2.0**	< 0.0038	< 0.0036	< 0.0035
MTBE	< 0.0052 GR	< 0.23	< 0.0045	< 0.19	< 0.0047	< 0.57	< 0.0048	< 0.0046	< 0.0043
N	< 0.33	< 1.6	< 0.33	< 0.33	< 0.33	**3.6**	< 0.33	< 0.33	< 0.33

SB-23			
Date	3/28/2018	3/28/2018	3/28/2018
Dp	3	9	12
GRO	< 0.34	< 0.31	< 0.34
DRO	< 4.9	< 5.0	< 4.9
B	< 0.0018	< 0.0016	< 0.0017
T	< 0.0018	< 0.0016	< 0.0017
E	< 0.0018	< 0.0016	< 0.0017
X	< 0.0037	< 0.0033	< 0.0034
MTBE	< 0.0046	< 0.0041	< 0.0043
N	< 0.03	< 0.03	< 0.03

SB-28			
Date	3/28/2018	3/28/2018	3/28/2018
Dp	5	10	14
GRO	< 0.36	< 0.37	**0.38**
DRO	**24**	**6.4**	**11**
B	< 0.0021	< 0.0019	< 0.0021
T	< 0.0021	< 0.0019	< 0.0021
E	< 0.0021	< 0.0019	< 0.0021
X	< 0.0042	< 0.0038	< 0.0041
MTBE	< 0.0053	< 0.0047	< 0.0052
N	< 0.029	< 0.029	< 0.03

SB-26			
Date	3/28/2018	3/28/2018	3/28/2018
Dp	5	10	14
GRO	< 0.38	< 0.34	< 0.36
DRO	< 4.9	< 4.9	< 4.9
B	< 0.0019	< 0.0020	< 0.0018
T	< 0.0019	< 0.0020	< 0.0018
E	< 0.0019	< 0.0020	< 0.0018
X	< 0.0039	< 0.0039	< 0.0036
MTBE	< 0.0048	< 0.0049	< 0.0045
N	< 0.03	< 0.03	< 0.03

SB-25			
Date	3/28/2018	3/28/2018	3/28/2018
Dp	4	10	14
GRO	< 0.39	< 0.4	< 0.37
DRO	< 4.9	< 4.9	< 4.9
B	< 0.0019	< 0.0021	< 0.0018
T	< 0.0019	< 0.0021	< 0.0018
E	< 0.0019	< 0.0021	< 0.0018
X	< 0.0039	< 0.0041	< 0.0037
MTBE	< 0.0048	< 0.0052	< 0.0046
N	< 0.03	< 0.03	< 0.03

SB-24			
Date	3/28/2018	3/28/2018	3/28/2018
Dp	5	10	14
GRO	< 0.35	< 0.37	< 0.34
DRO	< 4.9	< 4.9	< 4.9
B	< 0.0018	< 0.0019	< 0.0019
T	< 0.0018	< 0.0019	< 0.0019
E	< 0.0018	< 0.0019	< 0.0019
X	< 0.0036	< 0.0038	< 0.0037
MTBE	< 0.0046	< 0.0047	< 0.0046
N	< 0.03	< 0.03	< 0.03

SB-32									
Date	11/02/2018	11/02/2018	11/02/2018	11/02/2018	11/02/2018	11/02/2018	11/02/2018	11/02/2018	11/02/2018
Dp	3	5	10	15	20	25	30	35	40
GRO	**3.3**	**0.70**	**210**	< 0.36	< 0.56	< 660	**890**	< 0.38	< 0.37
DRO	**56**	**17**	**40**	**25**	**26**	**130**	**180**	**22**	**19**
B	< 0.0020	< 0.0021	< 0.0018	< 0.0034	< 0.0019	< 0.17	< 0.40	< 0.0019	< 0.0019
T	< 0.0020	< 0.0021	< 0.0018	< 0.0034	< 0.0019	< 0.17	< 0.40	< 0.0019	< 0.0019
E	< 0.0020	< 0.0021	< 0.0018	< 0.0034	< 0.0019	**0.20**	< 0.40	< 0.0019	< 0.0019
X	< 0.0040	< 0.0041	< 0.0036	< 0.0068	< 0.0039	**4.8**	**2.8**	< 0.0039	< 0.0038
MTBE	< 0.0051	< 0.0051	< 0.0045	< 0.0086	< 0.0048	< 0.41	< 1.0	< 0.0049	< 0.0048
N	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	**4.0**	**6.1**	< 0.33	< 0.33

SB-29			
Date	3/28/2018	3/28/2018	3/28/2018
Dp	5	10	14
GRO	< 0.39	< 0.38	< 0.37
DRO	< 4.9	< 5.0	**5.1**
B	< 0.0018	< 0.0019	< 0.0021
T	< 0.0018	< 0.0019	< 0.0021
E	< 0.0018	< 0.0019	< 0.0021
X	< 0.0036	< 0.0038	< 0.0043
MTBE	< 0.0046	< 0.0048	< 0.0053
N	< 0.029	< 0.03	< 0.029



LEGEND

- GROUNDWATER MONITORING WELL (UNIT A)
- GROUNDWATER MONITORING WELL (UNIT B)
- ABANDONED/DESTROYED GROUNDWATER MONITORING WELL
- VAPOR EXTRACTION WELL (UNIT A)
- VAPOR EXTRACTION WELL (UNIT B)
- DESTROYED VAPOR EXTRACTION WELL
- CPT BORING
- SOIL BORING (SOUTHGATE CLEANERS)
- SOIL BORING (SHALLOW)
- SOIL BORING (MID)
- SOIL BORING (DEEP)
- SOIL VAPOR PROBE

NOTES:
Dp = DEPTH BELOW GROUND SURFACE (FEET)
GRO = GASOLINE RANGE ORGANICS
DRO = DIESEL RANGE ORGANICS
B = BENZENE
T = TOLUENE
E = ETHYLBENZENE
X = TOTAL XYLENES
MTBE = METHYL TERTIARY BUTYL ETHER
N = NAPHTHALENE
<= LESS THAN LABORATORY METHOD DETECTION LIMITS
-- = NOT ANALYZED
EY = RESULT EXCEEDS NORMAL DYNAMIC RANGE; REPORTED AS A MINIMUM ESTIMATE.
GR = INTERNAL STANDARD OUT OF RANGE
CONCENTRATIONS IN MILLIGRAMS PER KILOGRAM (mg/kg).

- LIGHT POLE
- SANITARY SEWER MANHOLE
- ELECTRIC MANHOLE
- STORM SEWER MANHOLE

FIGURE 3n

SOIL ANALYTICAL MAP
2018 WASTE OIL AND DEEP SOIL INVESTIGATIONS
ARCO SERVICE STATION NO. 0465
151 SOUTHGATE AVENUE
DALY CITY, CALIFORNIA

PROJECT NO.	PREPARED BY	REF SCALE
00465A201	JH	1:240
DATE	REVIEWED BY	MAP SCALE
4/1/2020	PE/RB	1 inch = 20 feet

antea group

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MW-16D

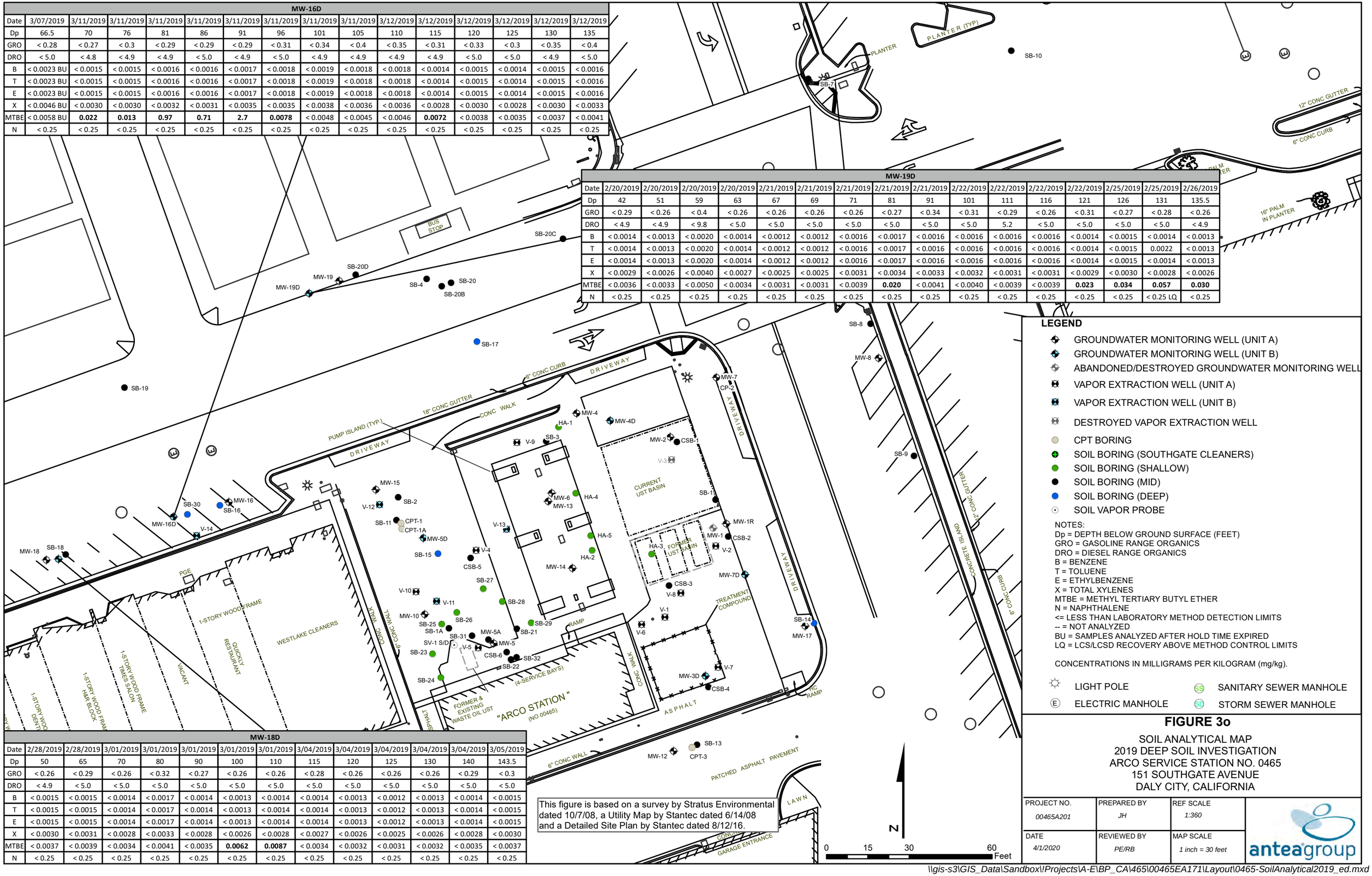
Date	3/07/2019	3/11/2019	3/11/2019	3/11/2019	3/11/2019	3/11/2019	3/11/2019	3/11/2019	3/11/2019	3/12/2019	3/12/2019	3/12/2019	3/12/2019	3/12/2019	3/12/2019
Dp	66.5	70	76	81	86	91	96	101	105	110	115	120	125	130	135
GRO	< 0.28	< 0.27	< 0.3	< 0.29	< 0.29	< 0.29	< 0.31	< 0.34	< 0.4	< 0.35	< 0.31	< 0.33	< 0.3	< 0.35	< 0.4
DRO	< 5.0	< 4.8	< 4.9	< 4.9	< 5.0	< 4.9	< 5.0	< 4.9	< 4.9	< 4.9	< 4.9	< 5.0	< 5.0	< 4.9	< 5.0
B	< 0.0023 BU	< 0.0015	< 0.0015	< 0.0016	< 0.0016	< 0.0017	< 0.0018	< 0.0019	< 0.0018	< 0.0018	< 0.0014	< 0.0015	< 0.0014	< 0.0015	< 0.0016
T	< 0.0023 BU	< 0.0015	< 0.0015	< 0.0016	< 0.0016	< 0.0017	< 0.0018	< 0.0019	< 0.0018	< 0.0018	< 0.0014	< 0.0015	< 0.0014	< 0.0015	< 0.0016
E	< 0.0023 BU	< 0.0015	< 0.0015	< 0.0016	< 0.0016	< 0.0017	< 0.0018	< 0.0019	< 0.0018	< 0.0018	< 0.0014	< 0.0015	< 0.0014	< 0.0015	< 0.0016
X	< 0.0046 BU	< 0.0030	< 0.0030	< 0.0032	< 0.0031	< 0.0035	< 0.0035	< 0.0038	< 0.0036	< 0.0036	< 0.0028	< 0.0030	< 0.0028	< 0.0030	< 0.0033
MTBE	< 0.0058 BU	**0.022**	**0.013**	**0.97**	**0.71**	**2.7**	**0.0078**	< 0.0048	< 0.0045	< 0.0046	**0.0072**	< 0.0038	< 0.0035	< 0.0037	< 0.0041
N	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25

MW-19D

Date	2/20/2019	2/20/2019	2/20/2019	2/20/2019	2/21/2019	2/21/2019	2/21/2019	2/21/2019	2/21/2019	2/22/2019	2/22/2019	2/22/2019	2/22/2019	2/25/2019	2/25/2019	2/26/2019
Dp	42	51	59	63	67	69	71	81	91	101	111	116	121	126	131	135.5
GRO	< 0.29	< 0.26	< 0.4	< 0.26	< 0.26	< 0.26	< 0.26	< 0.27	< 0.34	< 0.31	< 0.29	< 0.26	< 0.31	< 0.27	< 0.28	< 0.26
DRO	< 4.9	< 4.9	< 9.8	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	5.2	< 5.0	< 5.0	< 5.0	< 5.0	< 4.9
B	< 0.0014	< 0.0013	< 0.0020	< 0.0014	< 0.0012	< 0.0012	< 0.0016	< 0.0017	< 0.0016	< 0.0016	< 0.0016	< 0.0016	< 0.0014	< 0.0015	< 0.0014	< 0.0013
T	< 0.0014	< 0.0013	< 0.0020	< 0.0014	< 0.0012	< 0.0012	< 0.0016	< 0.0017	< 0.0016	< 0.0016	< 0.0016	< 0.0016	< 0.0014	< 0.0015	0.0022	< 0.0013
E	< 0.0014	< 0.0013	< 0.0020	< 0.0014	< 0.0012	< 0.0012	< 0.0016	< 0.0017	< 0.0016	< 0.0016	< 0.0016	< 0.0016	< 0.0014	< 0.0015	< 0.0014	< 0.0013
X	< 0.0029	< 0.0026	< 0.0040	< 0.0027	< 0.0025	< 0.0025	< 0.0031	< 0.0034	< 0.0033	< 0.0032	< 0.0031	< 0.0031	< 0.0029	< 0.0030	< 0.0028	< 0.0026
MTBE	< 0.0036	< 0.0033	< 0.0050	< 0.0034	< 0.0031	< 0.0031	< 0.0039	**0.020**	< 0.0041	< 0.0040	< 0.0039	< 0.0039	**0.023**	**0.034**	**0.057**	**0.030**
N	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25 LQ	< 0.25

MW-18D

Date	2/28/2019	2/28/2019	3/01/2019	3/01/2019	3/01/2019	3/01/2019	3/01/2019	3/04/2019	3/04/2019	3/04/2019	3/04/2019	3/04/2019	3/05/2019
Dp	50	65	70	80	90	100	110	115	120	125	130	140	143.5
GRO	< 0.26	< 0.29	< 0.26	< 0.32	< 0.27	< 0.26	< 0.26	< 0.28	< 0.26	< 0.26	< 0.26	< 0.29	< 0.3
DRO	< 4.9	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
B	< 0.0015	< 0.0015	< 0.0014	< 0.0017	< 0.0014	< 0.0013	< 0.0014	< 0.0014	< 0.0013	< 0.0012	< 0.0013	< 0.0014	< 0.0015
T	< 0.0015	< 0.0015	< 0.0014	< 0.0017	< 0.0014	< 0.0013	< 0.0014	< 0.0014	< 0.0013	< 0.0012	< 0.0013	< 0.0014	< 0.0015
E	< 0.0015	< 0.0015	< 0.0014	< 0.0017	< 0.0014	< 0.0013	< 0.0014	< 0.0014	< 0.0013	< 0.0012	< 0.0013	< 0.0014	< 0.0015
X	< 0.0030	< 0.0031	< 0.0028	< 0.0033	< 0.0028	< 0.0026	< 0.0028	< 0.0027	< 0.0026	< 0.0025	< 0.0026	< 0.0028	< 0.0030
MTBE	< 0.0037	< 0.0039	< 0.0034	< 0.0041	< 0.0035	**0.0062**	**0.0087**	< 0.0034	< 0.0032	< 0.0031	< 0.0032	< 0.0035	< 0.0037
N	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25



This figure is based on a survey by Stratus Environmental dated 10/7/08, a Utility Map by Stantec dated 6/14/08 and a Detailed Site Plan by Stantec dated 8/12/16.

LEGEND

- GROUNDWATER MONITORING WELL (UNIT A)
- GROUNDWATER MONITORING WELL (UNIT B)
- ABANDONED/DESTROYED GROUNDWATER MONITORING WELL
- VAPOR EXTRACTION WELL (UNIT A)
- VAPOR EXTRACTION WELL (UNIT B)
- DESTROYED VAPOR EXTRACTION WELL
- CPT BORING
- SOIL BORING (SOUTHGATE CLEANERS)
- SOIL BORING (SHALLOW)
- SOIL BORING (MID)
- SOIL BORING (DEEP)
- SOIL VAPOR PROBE

NOTES:
Dp = DEPTH BELOW GROUND SURFACE (FEET)
GRO = GASOLINE RANGE ORGANICS
DRO = DIESEL RANGE ORGANICS
B = BENZENE
T = TOLUENE
E = ETHYLBENZENE
X = TOTAL XYLENES
MTBE = METHYL TERTIARY BUTYL ETHER
N = NAPHTHALENE
<= LESS THAN LABORATORY METHOD DETECTION LIMITS
-- = NOT ANALYZED
BU = SAMPLES ANALYZED AFTER HOLD TIME EXPIRED
LQ = LCS/LCSD RECOVERY ABOVE METHOD CONTROL LIMITS

CONCENTRATIONS IN MILLIGRAMS PER KILOGRAM (mg/kg).

- LIGHT POLE
- SANITARY SEWER MANHOLE
- ELECTRIC MANHOLE
- STORM SEWER MANHOLE

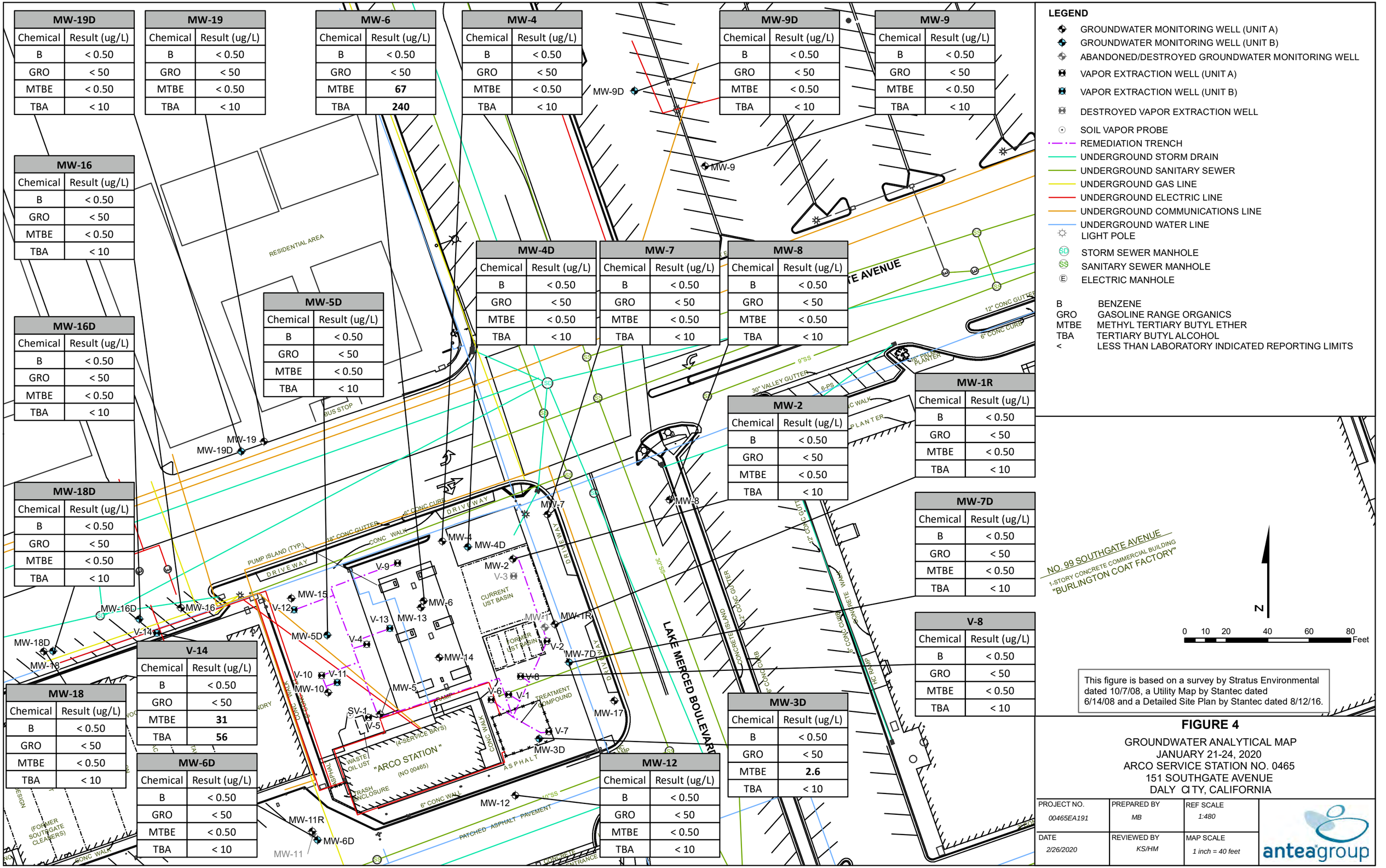
FIGURE 3o

SOIL ANALYTICAL MAP
2019 DEEP SOIL INVESTIGATION
ARCO SERVICE STATION NO. 0465
151 SOUTHGATE AVENUE
DALY CITY, CALIFORNIA

PROJECT NO.	PREPARED BY	REF SCALE
00465A201	*JH*	*1:360*
DATE	REVIEWED BY	MAP SCALE
4/1/2020	*PE/RB*	*1 inch = 30 feet*

antea group

\\gis-s3\GIS_Data\Sandbox\!Projects\A-E\BP_CA\465\00465EA171\Layout\0465-SoilAnalytical2019_ed.mxd



MW-19D	
Chemical	Result (ug/L)
B	< 0.50
GRO	< 50
MTBE	< 0.50
TBA	< 10

MW-19	
Chemical	Result (ug/L)
B	< 0.50
GRO	< 50
MTBE	< 0.50
TBA	< 10

MW-6	
Chemical	Result (ug/L)
B	< 0.50
GRO	< 50
MTBE	**67**
TBA	**240**

MW-4	
Chemical	Result (ug/L)
B	< 0.50
GRO	< 50
MTBE	< 0.50
TBA	< 10

MW-9D	
Chemical	Result (ug/L)
B	< 0.50
GRO	< 50
MTBE	< 0.50
TBA	< 10

MW-9	
Chemical	Result (ug/L)
B	< 0.50
GRO	< 50
MTBE	< 0.50
TBA	< 10

MW-16	
Chemical	Result (ug/L)
B	< 0.50
GRO	< 50
MTBE	< 0.50
TBA	< 10

MW-5D	
Chemical	Result (ug/L)
B	< 0.50
GRO	< 50
MTBE	< 0.50
TBA	< 10

MW-4D	
Chemical	Result (ug/L)
B	< 0.50
GRO	< 50
MTBE	< 0.50
TBA	< 10

MW-7	
Chemical	Result (ug/L)
B	< 0.50
GRO	< 50
MTBE	< 0.50
TBA	< 10

MW-8	
Chemical	Result (ug/L)
B	< 0.50
GRO	< 50
MTBE	< 0.50
TBA	< 10

MW-16D	
Chemical	Result (ug/L)
B	< 0.50
GRO	< 50
MTBE	< 0.50
TBA	< 10

MW-2	
Chemical	Result (ug/L)
B	< 0.50
GRO	< 50
MTBE	< 0.50
TBA	< 10

MW-1R	
Chemical	Result (ug/L)
B	< 0.50
GRO	< 50
MTBE	< 0.50
TBA	< 10

MW-18D	
Chemical	Result (ug/L)
B	< 0.50
GRO	< 50
MTBE	< 0.50
TBA	< 10

V-14	
Chemical	Result (ug/L)
B	< 0.50
GRO	< 50
MTBE	**31**
TBA	**56**

MW-18	
Chemical	Result (ug/L)
B	< 0.50
GRO	< 50
MTBE	< 0.50
TBA	< 10

MW-6D	
Chemical	Result (ug/L)
B	< 0.50
GRO	< 50
MTBE	< 0.50
TBA	< 10

MW-3D	
Chemical	Result (ug/L)
B	< 0.50
GRO	< 50
MTBE	**2.6**
TBA	< 10

MW-12	
Chemical	Result (ug/L)
B	< 0.50
GRO	< 50
MTBE	< 0.50
TBA	< 10

MW-7D	
Chemical	Result (ug/L)
B	< 0.50
GRO	< 50
MTBE	< 0.50
TBA	< 10

V-8	
Chemical	Result (ug/L)
B	< 0.50
GRO	< 50
MTBE	< 0.50
TBA	< 10

LEGEND

- GROUNDWATER MONITORING WELL (UNIT A)
- GROUNDWATER MONITORING WELL (UNIT B)
- ABANDONED/DESTROYED GROUNDWATER MONITORING WELL
- VAPOR EXTRACTION WELL (UNIT A)
- VAPOR EXTRACTION WELL (UNIT B)
- DESTROYED VAPOR EXTRACTION WELL
- SOIL VAPOR PROBE
- REMEDIATION TRENCH
- UNDERGROUND STORM DRAIN
- UNDERGROUND SANITARY SEWER
- UNDERGROUND GAS LINE
- UNDERGROUND ELECTRIC LINE
- UNDERGROUND COMMUNICATIONS LINE
- UNDERGROUND WATER LINE
- LIGHT POLE
- STORM SEWER MANHOLE
- SANITARY SEWER MANHOLE
- ELECTRIC MANHOLE

B	BENZENE
GRO	GASOLINE RANGE ORGANICS
MTBE	METHYL TERTIARY BUTYL ETHER
TBA	TERTIARY BUTYL ALCOHOL
<	LESS THAN LABORATORY INDICATED REPORTING LIMITS

This figure is based on a survey by Stratus Environmental dated 10/7/08, a Utility Map by Stantec dated 6/14/08 and a Detailed Site Plan by Stantec dated 8/12/16.

FIGURE 4

GROUNDWATER ANALYTICAL MAP
JANUARY 21-24, 2020
ARCO SERVICE STATION NO. 0465
151 SOUTHGATE AVENUE
DALY CITY, CALIFORNIA

PROJECT NO.	PREPARED BY	REF SCALE
00465EA191	MB	1:480
DATE	REVIEWED BY	MAP SCALE
2/26/2020	KS/HM	1 inch = 40 feet

antea group

\\gis-s3\GIS_Data\Sandbox\!Projects\A-E\BP_CA\465\00465EA171\Layout\0465-GW Analytical1Q20.mxd

LEGEND

- GROUNDWATER MONITORING WELL (ZONE A)
- GROUNDWATER MONITORING WELL (ZONE B)
- ABANDONED/DESTROYED GROUNDWATER MONITORING WELL
- VAPOR EXTRACTION WELL (ZONE A)
- VAPOR EXTRACTION WELL (ZONE B)
- DESTROYED VAPOR EXTRACTION WELL
- SOIL VAPOR PROBE
- REMEDIATION TRENCH
- UNDERGROUND STORM DRAIN
- UNDERGROUND SANITARY SEWER
- UNDERGROUND GAS LINE
- UNDERGROUND ELECTRIC LINE
- UNDERGROUND STREET LIGHT LINE
- UNDERGROUND COMMUNICATIONS LINE
- UNDERGROUND WATER LINE
- UNDERGROUND UNKNOWN UTILITY
- LIGHT POLE
- STORM SEWER MANHOLE
- SANITARY SEWER MANHOLE
- ELECTRIC MANHOLE
- (49.98) GROUNDWATER ELEVATION (FEET)
- * NOT INCLUDED IN CONTOUR INTERPRETATION
- GROUNDWATER ELEVATION CONTOUR (FEET) CONTOUR INTEVAL = 2 FT.
- APPROXIMATE GROUNDWATER FLOW DIRECTION

N

0 10 20 40 60 80 Feet

This figure is based on a survey by Stratus Environmental dated 10/7/08, a Utility Map by Stantec dated 6/14/08 and a Detailed Site Plan by Stantec dated 8/12/16.

FIGURE 5A

GROUNDWATER ELEVATION MAP
(ZONE A) - JANUARY 20, 2020
ARCO SERVICE STATION NO. 0465
151 SOUTHGATE AVENUE
DALY CITY, CALIFORNIA

PROJECT NO.	PREPARED BY	REF SCALE
00465EA201	JH	1:480
DATE	REVIEWED BY	MAP SCALE
3/31/2020	PE/RB	1 inch = 40 feet

antea group

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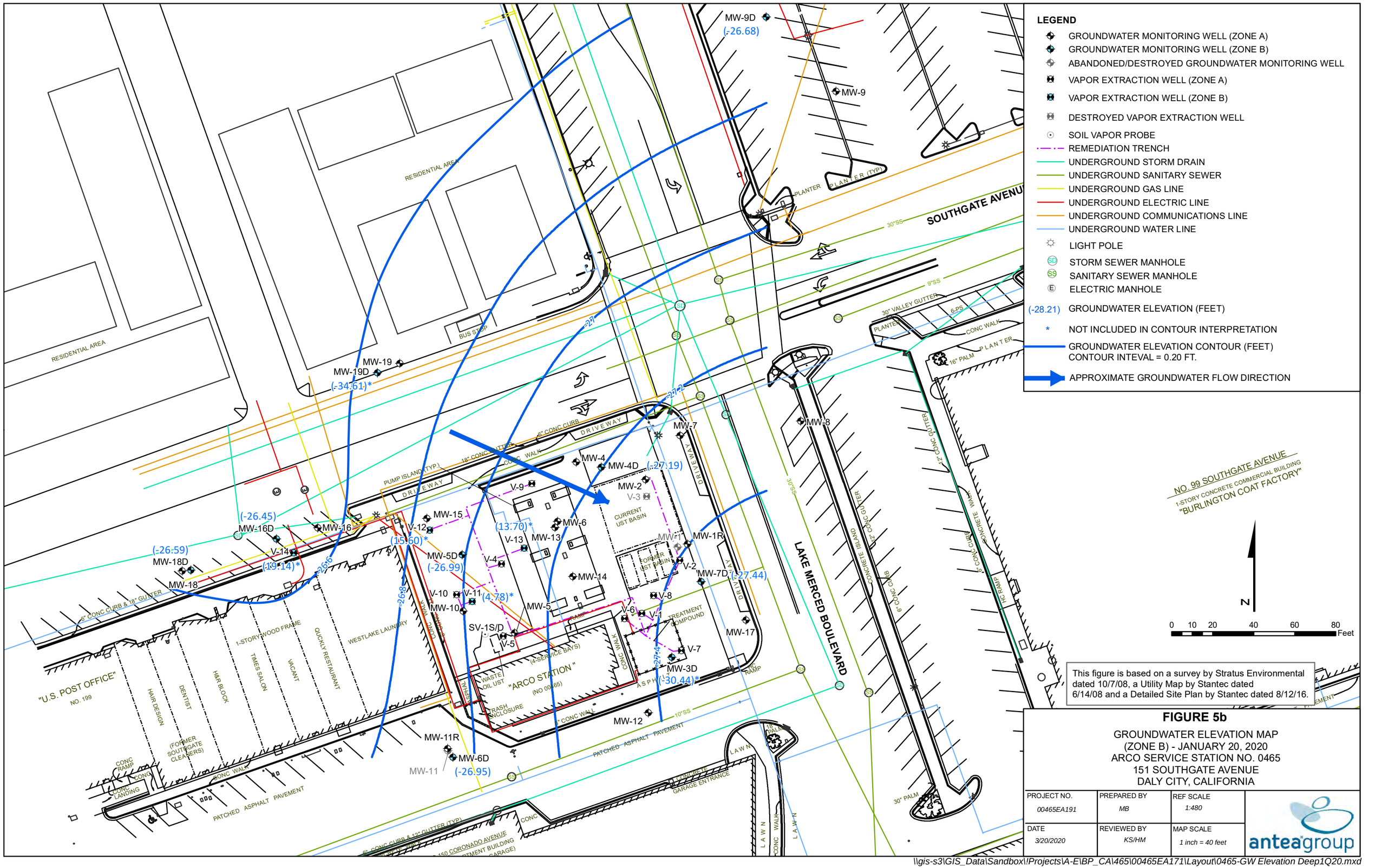


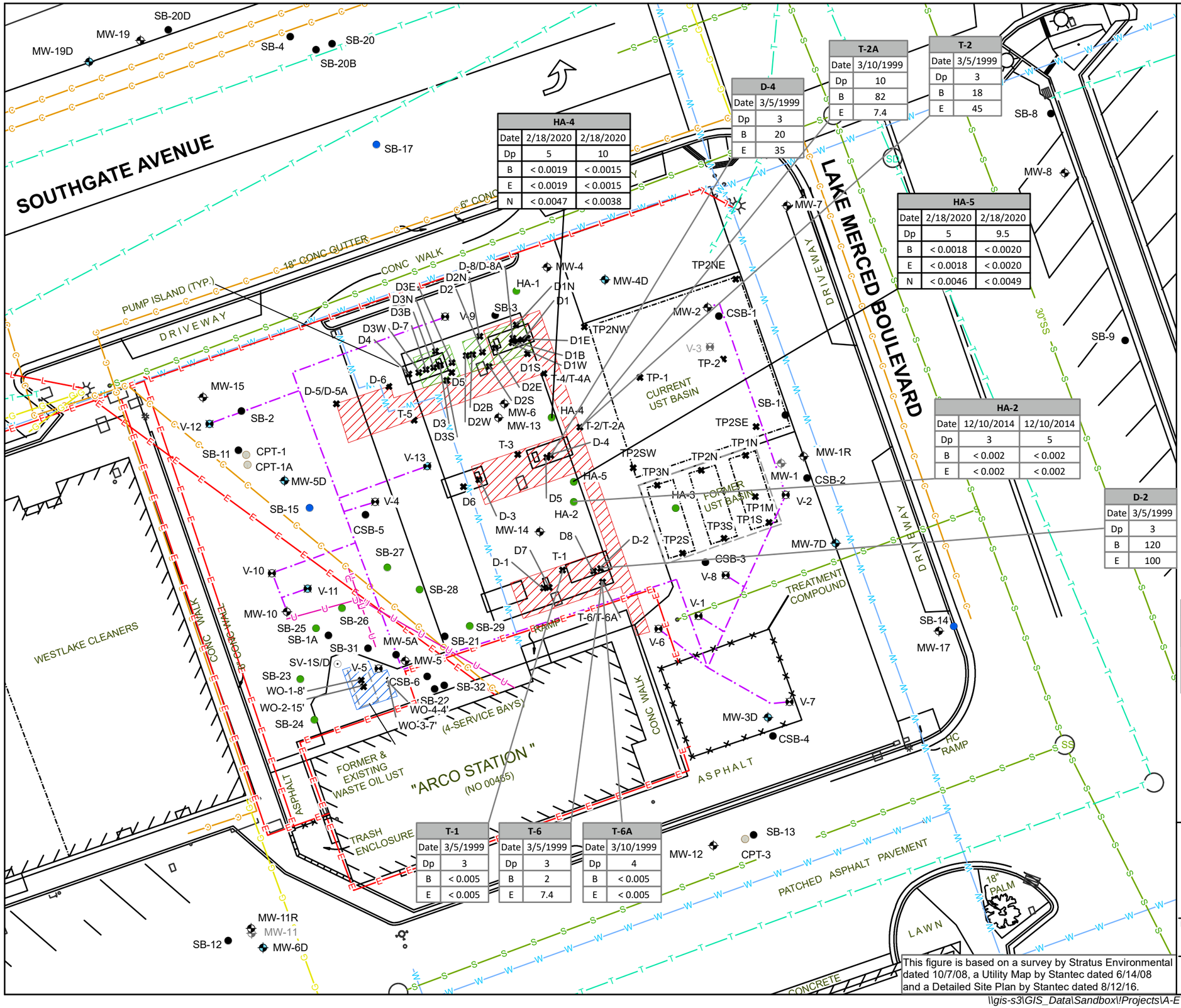
FIGURE 5b

GROUNDWATER ELEVATION MAP
(ZONE B) - JANUARY 20, 2020
ARCO SERVICE STATION NO. 0465
151 SOUTHGATE AVENUE
DALY CITY, CALIFORNIA

PROJECT NO.	PREPARED BY	REF SCALE
00465EA191	MB	1:480
DATE	REVIEWED BY	MAP SCALE
3/20/2020	KS/HM	1 inch = 40 feet

antea group

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LEGEND

- GROUNDWATER MONITORING WELL (UNIT A)
- GROUNDWATER MONITORING WELL (UNIT B)
- ABANDONED/DESTROYED GROUNDWATER MONITORING WELL
- VAPOR EXTRACTION WELL (UNIT A)
- VAPOR EXTRACTION WELL (UNIT B)
- DESTROYED VAPOR EXTRACTION WELL
- SOIL VAPOR PROBE
- CPT BORING
- SOIL BORING (SOUTHGATE CLEANERS)
- SOIL BORING (SHALLOW)
- SOIL BORING (MID)
- SOIL BORING (DEEP)
- EXCAVATION SAMPLING POINT
- REMEDIATION TRENCH
- UNDERGROUND STORM DRAIN
- UNDERGROUND SANITARY SEWER
- UNDERGROUND GAS LINE
- UNDERGROUND ELECTRIC LINE
- UNDERGROUND STREET LIGHT LINE
- UNDERGROUND COMMUNICATIONS LINE
- UNDERGROUND WATER LINE
- UNDERGROUND UNKNOWN UTILITY
- EXCAVATION AREA (2000)
- EXCAVATION AREA (1999)
- EXCAVATION AREA (1997)
- LIGHT POLE
- SANITARY SEWER MANHOLE
- ELECTRIC MANHOLE
- STORM SEWER MANHOLE

NOTES:
Dp = DEPTH IN FEET BELOW GROUND SURFACE
B = BENZENE
E = ETHYLBENZENE
N = NAPHTHALENE
< = LESS THAN LABORATORY INDICATED REPORTING LIMITS

ONLY 1999-2000 EXCAVATION SAMPLE POINTS THAT ARE ABOVE THE COMMERCIAL / INDUSTRIAL LTCP LIMITS ARE SHOWN.

LTCP Limits for Select Chemicals of Concern in milligrams per kilogram					
Type	Residential		Commercial/Industrial		Utility Worker
Depth (feet)	0-5	5-10	0-5	5-10	0-10
Benzene	1.9	2.8	8.2	12	14
Ethylbenzene	21	32	89	134	314
Napthalene	9.7	9.7	45	45	219

N

0 10 20 40 Feet

FIGURE 6

SHALLOW SOIL EXCEEDANCES AND CORRESPONDING CONFIRMATIONS
ARCO SERVICE STATION NO. 0465
151 SOUTHGATE AVENUE
DALY CITY, CALIFORNIA

This figure is based on a survey by Stratus Environmental dated 10/7/08, a Utility Map by Stantec dated 6/14/08 and a Detailed Site Plan by Stantec dated 8/12/16.

PROJECT NO.	PREPARED BY	REF SCALE
00465EA191	JH	1:240
DATE	REVIEWED BY	MAP SCALE
3/10/2020	JB/MP	1 inch = 20 feet

antea group

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Appendix A

Agency Correspondence

COUNTY OF SAN MATEO

Heather Forshey, MS, REHS
Director

Environmental Health Services
San Mateo County Health
2000 Alameda de las Pulgas
Suite 100
San Mateo, CA 94403
smchealth.org

June 5, 2019

SMCo Site #220033 / RO23
APN: 002-201-550

Wade Melton
ARCO/BP Remediation Mgmt. Services Company
Operations Project Manager
4 Centerpointe Drive, Ste. 200, LPR 4-222
La Palma, CA 90623
(via wade.melton@bp.com)

SUBJECT: FORMER ARCO SERVICE STATION #465 AT 151 SOUTHGATE AVENUE, DALY CITY, CALIFORNIA

Dear Mr. Melton:

Antea Group uploaded to the State GeoTracker database (GeoTracker) a soil and groundwater investigation report dated April 30, 2019, and a groundwater monitoring and soil vapor extraction (SVE) system operations and maintenance (O&M) report dated May 14, 2019. The following comments are based on San Mateo County Groundwater Protection Program (GPP) staff review of these reports and the project file.

Soil and Groundwater Assessment Report

The GeoWell file for the gauging of MW-16D, MW-18D, and MW-19D on March 14 and 15, 2019, was not uploaded to GeoTracker. Please upload this file to complete the well installation task (the April 30, 2019, completion deadline remains in-effect).

The report indicates grab groundwater samples were collected from wells MW-16D, MW-18D, and MW-19D on April 4, 2019. Please ensure future versions of Table 5 footnote these samples as grab samples. Please also ensure future tables listing the laboratory results from the analysis of soil samples for semi-volatile organic compounds (SVOCs) only list SVOC compounds (many volatile organic compounds were also listed on Tables 2B and 3B). Please also consider reformatting future versions of Tables 3A and 3B so the data tables are not 90 and 592 pages long, respectively. It is acceptable to use Table 3 in the December 2018 report omitting the columns for DIPE, ETBE, TAME, and ethanol (results that can be handled by a footnote given the historical non-detect results) and to use Table 4 in the December 2018 report omitting columns for analytes that never have been detected, but adding a note indicating the listed samples were analyzed by EPA Method 8270 and unlisted compounds were not detected. Please also ensure future versions of Table 3B omit the erroneous 1998 sampling results for V-5 as was done for Table 3A.

The report concludes the vertical extent of MTBE-affected soil near SB-30 was assessed by the soil sampling results from MW-16D. GPP staff concur with this conclusion providing the elevated temperatures in the soil spilt-spoon samples did not result in significant loss of MTBE and the MTBE in the soil above regional groundwater is not vertically migrating. We further agree the laboratory results from the analysis of groundwater samples from MW-16D suggests regional groundwater at MW-16D has not been impacted at this time by the MTBE in the overlying soil. However, the registered professional has not demonstrated the MTBE in this overlying soil is stable. Continued vertical migration of this MTBE is suggested by comparing the MTBE concentrations reported in the May 2016 and May 2018 soil samples from V-14 and SB-30 to those collected in the March 2019 soil samples from MW-16D. This comparison also suggests the SVE vacuum in MW-16D (Section 4.0 of May 2019 report) either does not exist within the impacted interval of 70 to 100 fbg (the vacuum originated from >129 fbg [the top of the screened interval of MW-16D]) or if it does, the vacuum from onsite SVE may not be sufficient to remediate the MTBE near MW-16D. The 11,000 ug/l of MTBE reported in the groundwater sample collected from V-14 in February 2018 also is a concern. Therefore, please **immediately** act to connect V-14 to the SVE system unless the registered professional can demonstrate by **September 10, 2019**, that the residual mass of MTBE west and northwest of the subject site is insufficient to further impact regional groundwater and impact nearby well receptors.

The report recommends quarterly gauging and sampling of all deep monitoring wells. GPP staff can only support semi-annual monitoring of MW-16D, MW-18D, MW-19D, and V-14 because MTBE was only reported in the groundwater sample from MW-19D, was reported at a low concentration, and we would not expect rapid migration of MTBE to regional groundwater given the depth to regional groundwater and the identified soil impacts. The other wells should remain on an annual sampling schedule.

Groundwater Monitoring and SVE System O&M Report

The report indicates wells MW-15, MW-16D, MW-18D, and MW-19D were inaccessible on the planned groundwater sampling date. Please ensure representatives of ARCO/BP implement all reasonable actions to complete sampling on the scheduled monitoring date (e.g. arrange temporary no parking with the City). We also considered it the responsibility of ARCO/BP to ensure their station operator does not block required access to monitoring wells.

Section 2.3.4 states the MTBE concentration reported in the groundwater samples were below the 3,000 ug/l criteria listed in the State Low-Threat UST Case Closure Policy (LTCP). This represents improper application of the LTCP and we have previously informed Antea Group of this on other LUFT cases in San Mateo County. Please note, the LTCP limit for MTBE is 1,000 ug/l and this only applies to plumes satisfying LTCP groundwater-specific Classes 2 or 4, and these two Classes don't apply because water supply wells are <1,000 feet from the edge of the petroleum plume. **Continued misapplication of the LTCP may result in referral of the registered professional to the Board for Professional Engineers, Land Surveyors, and Geologists.**

Section 2.3.5 discusses Mann-Kendall analysis of the groundwater sampling results. GPP staff cannot accept the results of this analysis because the registered professional did not demonstrate the limitations of this analysis were not applicable. That said, we do not consider such analysis necessary because visual inspection of the monitoring data suggests the petroleum plume is stable to shrinking in areas where a sufficient number of groundwater samples have been collected.

The well purging forms in Appendix C indicate the stagnant groundwater within the blank casing above the top of the screened interval in MW-3D, MW-5D, MW-6D, MW-7D, and MW-9D is not being removed prior to purging groundwater from the screened interval. Removal of this groundwater from MW-3D may not be possible, but does appear feasible for MW-5D, MW-6D, MW-7D, and MW-9D if suitable pumping rate is used. Please ensure this is addressed during future groundwater monitoring events.

Some of the benzene/GRO ratios listed on Table 6 appear based on non-detect laboratory reporting limits. GPP staff do not consider such calculations useful. We also consider MTBE as the analyte of concern inhibiting case closure. The graphs in Appendix D also no longer appear necessary if the petroleum plume is stable.

Section 3.1.1 indicates the SVE system vapor influent is treated by a thermal oxidizer. **GPP staff cannot recommend the UST Cleanup Fund reimburse the costs for thermal oxidizer treatment** because of the very low hydrocarbon concentrations reported in the influent vapor samples and because we have previously informed ARCO/BP of this issue on other ARCO/BP LUFT sites in San Mateo County.

The SVE system portion of the report only summarizes SVE system monitoring and maintenance data. GPP staff expect remediation system reports to discuss how the O&M data demonstrates the system is optimized for site conditions and satisfying the remedial objective(s) and to provide and justify conclusions and recommendations on system operation (e.g. whether to bring wells on- or off-line, install and connect new wells to the system, modify system operation, etc.). A data dump of monitoring and maintenance data is not acceptable and will be considered incomplete reporting. The registered professional must also demonstrate the system is appropriate for site conditions and properly designed, optimized, and maintained before we will consider conclusions that contaminants have been removed to the extent practical.

Please contact me at 650-372-6292 (direct), 650-372-6200 (main), or at dmilano@smcgov.org on Monday through Thursday (excluding holidays) if you have any questions.

Sincerely,

Deno G. Milano, PG
Hazardous Materials Specialist
Groundwater Protection Program

cc: State GeoTracker database
Tom Piccolotti, City Dept. of Water Resources (via tpiccolotti@dalycity.org)
Ranfie Ancelovici, KIMCO Realty Corporation, 15 Southgate Av., Suite 201, Daly City, CA 94015
Regina Bussard, Antea Group (via regina.bussard@anteagroup.com)

COUNTY OF SAN MATEO

Heather Forshey, MS, REHS
Director

Environmental Health Services
San Mateo County Health
2000 Alameda de las Pulgas
Suite 100
San Mateo, CA 94403
smchealth.org

November 13, 2019

SMCo Site #220033 / RO23
APN: 002-201-550

Wade Melton
ARCO/BP Remediation Mgmt. Services Company
Operations Project Manager
4 Centerpointe Drive, Ste. 200, LPR 4-222
La Palma, CA 90623
(via wade.melton@bp.com)

SUBJECT: FORMER ARCO SERVICE STATION #465 AT 151 SOUTHGATE AVENUE, DALY CITY, CALIFORNIA

Dear Mr. Melton:

Antea Group uploaded to the State GeoTracker database (GeoTracker) a soil vapor extraction (SVE) system operations and maintenance (O&M) report dated August 14, 2019, and an unsolicited SVE pilot testing report dated September 10, 2019. The following comments are based on San Mateo County Groundwater Protection Program (GPP) staff review of these reports and the project file.

SVE System O&M Report

GPP staff denied electronic data file (EDF) #8554101049 because it listed incorrect field point names (FPNs). Please **immediately** correct this file to complete the associated task.

The report did not discuss how the O&M data demonstrates the system is optimized for site conditions and satisfying the remedial objective(s) as required on page 3 of our June 2019 letter. However, GPP staff will defer this requirement until the Third Quarter SVE system O&M report given SVE pilot testing was performed in July and August 2019.

SVE Pilot Testing Report

GPP staff denied the EDFs for the July and August 2019 pilot testing events because they listed incorrect FPNs. Please **immediately** correct these files to complete the associated task.

It appears the two vacuum columns in Table 2 represent wellhead vacuum when extracting from a single well and system vacuum when simultaneously extracting from multiple wells. If this is correct, then the inches-Hg column does not list the correct values. In addition, some of the field sheets in Appendix C list incorrect measurement units. Please ensure this is corrected or explained if these tables and field notes will be used in future documents.

Section 1.0 of the report states the additional SVE testing was proposed in the Second Quarter 2019 SVE system O&M report. This is incorrect. This testing was performed before the Second Quarter 2019 O&M report was issued.

Section 3.3 attributes the lower flow and higher vacuum response in V-14 to finer-grained soils near V-14. Comparison of the boring logs for V-11 through V-14 does not support this conclusion. Nevertheless, the pilot testing results and those from operation of the SVE system over the past year indicate recovery of MTBE mass from SVE is negligible. Therefore, GPP staff approve the recommendation to shut-down the SVE system. Please note, however, if the registered professional cannot demonstrate the MTBE in deep soils will not impact regional groundwater and nearby well receptors, then the responsible party will need to implement an alternative form of remediation or mitigate the impact if remediation is not possible (perhaps focused SVE on V-12 if that would provide sufficient mitigation).

Please contact me at 650-372-6292 (direct), 650-372-6200 (main), or at dmilano@smcgov.org on Monday through Thursday (excluding holidays) if you have any questions.

Sincerely,



Deno G. Milano, PG
Hazardous Materials Specialist
Groundwater Protection Program

cc: State GeoTracker database
Tom Piccolotti, City Dept. of Water Resources (via tpiccolotti@dalycity.org)
Kelley Capone, SFPUC (via kcapone@sfwater.org)
Ranfie Ancelovici, KIMCO Realty Corporation, 15 Southgate Av., Suite 201, Daly City, CA 94015
Hannah Mishriki, Antea Group (via hannah.mishriki@anteagroup.us)

Appendix B

Site Assessment and Remediation Summary

ARCO FACILITY NO. 465 - 151 SOUTHGATE AVENUE, DALY CITY, CALIFORNIA

SITE ASSESSMENT AND REMEDIATION SUMMARY

1992 Initial Subsurface Investigation. An initial subsurface investigation was performed at the Site in March 1992. Six SVE wells (V-1 through V-6) were installed around the former UST basin and near the former waste oil UST. Groundwater monitoring wells MW-1 and MW-2 were installed at depths of approximately 70.5 feet and 61.5 feet bgs, respectively, to intercept a perched groundwater horizon[1]. Results of this investigation indicated that soil and groundwater near the gasoline and waste oil USTs had been impacted by petroleum hydrocarbons, including low boiling point hydrocarbons quantified as total petroleum hydrocarbons (TPH) as gasoline (TPHg; or gasoline range organics [GRO]), higher boiling point hydrocarbons quantified as TPH as diesel (TPHd; or diesel range organics [DRO]) and total recoverable petroleum hydrocarbons (TRPH). Low concentrations of semi-volatile organic compounds (SVOCs) and polychlorinated biphenyls (PCBs) were also reported in soil samples collected during the assessment.

In July 1992, SVE well V-7 was installed to a depth of 40 feet bgs, and an SVE pilot test was performed at the Site. In August 1992, deep groundwater monitoring well MW-3D was installed to a depth of approximately 220 feet bgs to intercept the upper portion of the regional groundwater aquifer[2]. The GPP noted in a letter dated July 5, 2001, that "MW-3D is screened from 202 bgs to 220 feet bgs (below an approximate 10-foot-thick clayey silt to silty clay zone) and may represent the deeper drinking water aquifer."

1993 Groundwater Sampling and Temporary SVE System Install. In January 1993, quarterly groundwater monitoring activities were initiated at the Site. Installation of vapor extraction and conveyance pipelines and construction of a vapor extraction and treatment system in the southwest corner of the Site were completed on March 30, 1993. On May 19, 1993, SVE well V-8 was installed to a depth of approximately 60.5 feet bgs. On May 20, 1993, groundwater monitoring well MW-4 was installed to a depth of approximately 61.5 feet bgs to further assess groundwater quality in the perched groundwater horizon. A temporary SVE system with an internal combustion engine began operation on July 13, 1993[3].

1994 – 1997 SVE System Operation and Shutdown. The SVE system was shut down due to noise issues on April 21, 1994. The internal combustion engine was removed from the Site on April 26, 1994. An Airex KATOX 100C55 catalytic oxidizer was installed at the Site in May 1995[4]. The SVE system operated full time from June 13, 1995 to October 10, 1995. The operation schedule of the SVE system was then modified to two months of operation followed by two months of non-operation. Operation of the SVE system continued with a two-month operation and two-month non-operation schedule until February 10, 1997. The SVE system was restarted on September 22, 1997 to perform a four-week system evaluation. On October 15, 1997, the SVE system was shut down with approval from the GPP[5].

1997 Waste Oil UST Removal. On October 21, 1997, Gettler-Ryan removed a 520-gallon capacity waste oil UST and excavated the UST cavity to approximately 9 feet bgs. A soil sample (WO-1-8) collected at 8 feet bgs (2 feet below the bottom of the tank) had reported concentrations of 2,700 milligrams per kilogram (mg/kg) GRO and 2,700 mg/kg DRO. On October 30, 1997, Gettler-Ryan over-excavated the former waste oil UST pit to a depth of approximately 15 feet bgs. Stained soil was observed on the eastern wall of the pit approximately 4 feet bgs during over-excavation. With approval from the GPP, the over-excavation was extended in an easterly direction approximately 3 feet from the edge of the original excavation to a depth of 7 feet bgs. Three soil samples (WO-2-15, WO-3-7, and WO-4-4) were collected from the over-excavation areas and the results indicate mass was left in the subsurface. DRO

[1] SEACOR, 1992, *Technical Report, Phase 1 Site Investigation*. July 31.
[2] SEACOR, 1992, *Technical Report, Phase II Site Investigation.* December 9.
[3] SEACOR, 1993, *Project Status Report – Investigation and Remediation.* July 29.
[4] SEACOR, 1994, *Quarterly Groundwater Monitoring and Site Status Report, Second Quarter 1995.* July 27.
[5] SEACOR, 1997, *Revised Soil Vapor Extraction System Evaluation Report.* November 1997.

concentrations ranged from 330 mg/kg to 4,000 mg/kg with the sample collected at 15 feet bgs reporting 3,100 mg/kg DRO, 2,900 mg/kg GRO, 16 mg/kg total xylenes, and 0.69 mg/kg MTBE. Approximately 60 cubic yards (yd^3) of soil excavated from the tank cavity was transported for offsite disposal by Dillard Trucking. A new waste oil UST and associated piping and vents were installed in the same tank cavity, the over-excavation was backfilled, and the surface asphalted on October 31, 1997[6].

1998 Soil Investigation. In January 1998, six confirmation soil borings (CSB-1 through CSB-6) were advanced to determine if operation of the temporary SVE system had reduced the hydrocarbon concentration in soil to levels acceptable for regulatory case closure**.** The borings were advanced using hollow stem augers to depths ranging from 30.5 feet to 55.5 feet bgs. Soil samples were analyzed for GRO, benzene, toluene, ethylbenzene, xylenes (BTEX), and MTBE. Soil samples collected from CSB-6, located near the former waste oil UST, were also analyzed for DRO, TRPH, volatile organic compounds (VOCs), halogenated VOCs, PCBs, and total metals. Concentrations of GRO, DRO, and TRPH were present in soil samples collected from CSB-5 and CSB-6. Soil samples collected from CSB-6 were also reported to contain concentrations of heavy oil. Benzene was not detected in any of the soil samples collected. MTBE was reported in soil samples collected from boring CSB-3 at depths of 15 feet bgs and 21 feet bgs with concentrations of 0.66 mg/kg and 0.15 mg/kg, respectively. Concentrations of ethylbenzene, total xylenes, 2-methylnaphthalene, PCB Aroclor 1248, and total metals were detected in soil samples collected from CSB-6 at depths of 5 and 15 feet bgs. On July 6, 1998, the SVE unit was moved from the Site to another station[7].

1999 Product Line Removal. On March 5, 1999, Gettler-Ryan removed the product lines between the USTs and three fuel dispenser islands at the Site. The underlying soil in the trench between the central and northern two dispenser islands had gray staining and emitted a gasoline odor. Six trench floor soil samples (T-1 through T-6) and eight soil samples from beneath the dispensers (D-1 through D-8) were collected at 3 feet bgs and analyzed for GRO, BTEX, MTBE, and lead[8].

Due to concentrations of gasoline constituents in soil samples T-2, T-4, T-6, D-5, and D-8, soil was excavated to approximately 8 to 10 feet bgs and confirmation samples (T-2A, T-4A, T-6A, D-5A, and D-8A) were collected from the bottom of the over-excavated trenches on March 10, 1999. One of the five over excavation samples, T-2A located between the northern and middle dispenser island at 10 feet bgs contained 9,700 mg/kg GRO and 82 mg/kg benzene**.** Approximately 127 tons of soil were removed from the Site after the excavation and transported by Dillard Trucking to a Browning Ferris Industries offsite disposal facility[5].

2000 UST Removal Action. SVE well V-3 was abandoned on August 29, 2000 in preparation for UST replacement activities. Between August 28, 2000 and September 6, 2000, two 10,000-gallon capacity unleaded gasoline USTs, one 8,000-gallon capacity unleaded gasoline UST, and associated product lines and dispensers were removed from the Site. Over-excavation of the UST area was confined to the expansion area intended for the new USTs[9]-

During UST replacement activities performed in August and September 2000, Henderson Construction Company, the ARCO subcontractor performing the replacement, reported an unauthorized release of approximately 500 gallons of a gasoline and rinsate water mixture from one of the gasoline USTs. The spill occurred during the attempted removal of a UST with the rinsate water still inside. A portable dual-phase extraction (DPE) system was mobilized to the Site shortly thereafter and operated for a 10-day period to mitigate the effects of the reported release[10].

2001 Installation of MW-5 and MW-6 Monitoring Wells. In November 2001, SECOR International, Inc. (SECOR)

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[6] SECOR, 1997, *Waste Oil Tank Removal.* October 24.
[7] SECOR, 1999, *Soil Sampling during Fuel Line Removal and Replacement.* June 25.
[8] SECOR, 1999, *Soil Sampling during Fuel Line Removal and Replacement.* June 25.
[9] SECOR, 2001, *Report of Environmental Activities Associated with Underground Storage Tank, Product Line, and Dispenser Replacement.* January 12.
[10] SECOR, 2000, *Report of Interim Remedial Action*, November 21.

installed two groundwater monitoring wells (MW-5 and MW-6) and advanced one soil boring (SB-1). Maximum concentrations of 21,000 mg/kg GRO and 470 mg/kg MTBE were reported in a sample collected from MW-6 at a depth of 15.5 feet bgs. The maximum benzene concentration (6.9 mg/kg) was reported in a sample collected from MW-5 at a depth of 20.5 feet bgs. Wells MW-5 and MW-6 were completed at a depth of 60 feet bgs. Groundwater samples have been obtained consistently from MW-6, but MW-5 has only had water seven times since it was installed[11].

2003 Additional Characterization near MW-5. In April 2003, URS Corporation (URS) performed additional characterization in the vicinity of MW-5 to determine whether shallow groundwater was present at a depth greater than the 60-foot completion depth of MW-5, and to characterize the vertical extent of petroleum hydrocarbons and fuel oxygenates near the waste oil UST. Boring MW-5A was drilled adjacent to MW-5 and soil was sampled to a depth of 85 feet. After drilling through soil identified as sandy clayey silt and clayey silty sand from approximately 60 to 64 feet bgs, the augers were left open for observation at a depth of 66 feet bgs in moist silty sand for over one hour. No water accumulated in the borehole, so an additional well was not installed at this location. No GRO or benzene concentrations greater than the laboratory reporting limits (LRLs) were detected in soil samples collected from 60.5 to 85 feet bgs in the boring. However, MTBE was detected in soil samples collected from 60.5 to 85 feet bgs at concentrations ranging from 0.12 mg/kg to 1.0 mg/kg[12].

2005 Additional Soil Characterization. In September 2005, URS advanced nine soil borings (SB-1 renamed SB-1A, SB-2 through SB 5, and SB-7 through SB-10) to depths ranging from 50 to 81.5 feet bgs in order to further assess the vertical and lateral extent of petroleum hydrocarbons in the subsurface. This work was summarized in URS' *Additional Soil and Groundwater Investigation Interim Report*, dated April 5, 2006.

Soil boring SB-6 was not advanced because no odor or photoionization detector (PID) readings were observed in boring SB-7. Benzene was not detected in onsite borings SB-1A, SB-2, and SB-3, while GRO, toluene, ethylbenzene, xylenes, and MTBE were detected. Soil samples collected from borings SB-2 and SB-3 were analyzed for the presence of additional VOCs. SB-3 had reported concentrations of 1,2,4-trimethylbenzene, 1,3,5-trimethylbenzene, n-butylbenzene, and n-propylbenzene above the LRL. Soil samples collected from boring SB-1A, advanced in the vicinity of the waste oil UST, were analyzed for the presence of DRO and Stoddard Solvent; these analytes were detected in the majority of samples collected to a depth of approximately 51.5 feet bgs. GRO, BTEX, and fuel oxygenates were not detected in the soil samples collected from offsite borings SB-4, SB-5, and SB-7 through SB-10 at concentrations above the LRLs.

Grab groundwater samples were collected from onsite boring SB-3, and offsite borings SB-4, SB-5, and SB-7 through SB-10. The grab groundwater sample collected from onsite boring SB-3 at approximately 60.5 feet bgs, contained concentrations of GRO, BTEX, MTBE, 1,2-4 trimethylbenzene, and 1,3,5 trimethylbenzene. The grab groundwater samples collected from the offsite soil borings did not contain GRO, BTEX, and oxygenates at concentrations greater than the LRLs. Based upon the results of this investigation, URS recommended the installation of three additional offsite groundwater monitoring wells (MW-7 through MW-9) to further delineate the lateral extent of dissolved petroleum hydrocarbons offsite[13].

2008 Installation of MW-7, MW-8, and MW-9. On August 28 and 29, 2008, wells MW-7 through MW-9 were installed. Results of the investigation and an updated CSM were presented in the Stantec *Additional Site Assessment Report and SCM* dated June 14, 2010[14].

2010-2011 Additional Assessment and Remediation Feasibility Test. In a letter dated July 6, 2010, the GPP requested a workplan for remediation feasibility testing. The proposed feasibility testing scope of work was

[11] SECOR, 2002, *Additional Site Assessment*, May 23.
[12] URS, 2003, *Soil and Water Investigation Report*, June 3.
[13] URS, 2006, *Additional Soil and Groundwater Interim Report,* April 5.
[14] Stantec, 2010, *Additional Site Assessment Report and Site Conceptual Model*, June 14.

presented in Stantec's *Additional Assessment and Remediation Feasibility Test Workplan* (Workplan) dated October 29, 2010. The GPP issued a letter dated January 13, 2011, stating the information provided in the Workplan serves as a Remedial Action Plan (RAP), and thus required BP to forego SVE feasibility testing and move directly to active SVE remediation[15]. The GPP letter also directed submittal of an addendum to the Workplan. BP provided the revised assessment and remediation workplan to the GPP via email on March 1, 2011.

In June and July 2011, Stantec completed additional assessment and bench-scale feasibility testing. The work involved the installation of three additional onsite (MW-10) and off-site (MW-11 and MW-12) groundwater monitoring wells to further characterize petroleum hydrocarbons in soil and groundwater, the installation of two additional SVE wells (V-9 and V-10) for expansion of the existing offline SVE system, and the installation of one dual-nested soil vapor probe (SV-1S/SV-1D) near the western property line to evaluate vapor phase petroleum hydrocarbon intrusion risk toward nearby potential receptors west of the site from the former waste oil and gasoline UST source areas. On December 21, 2011, Stantec collected soil vapor samples from vapor probes SV-1S and SV-1D. The tetrachloroethylene (PCE) concentrations reported in the vapor samples collected from SV-1S and SV-1D are likely derived from operations at the former Southgate Cleaners located west of the Site. Details of the completed assessment and In-Situ Chemical Oxidation (ISCO) feasibility testing utilizing hydrogen peroxide (H2O2), and an updated CSM were presented in the Stantec's report dated February 14, 2012[16].

2011-2012 SVE System Installation. Phase 1 of the SVE system installation began in August 2011 and included connection of the new SVE wells V-9 and V-10 and connection of existing well V-4 to an expanded remediation system compound through lateral conveyance piping placed underground. While reviewing historical soil analytical data, it was noted that 1,200 mg/kg GRO was present in a soil sample collected at 46 feet bgs in soil boring SB-1A, located between MW-5 and newly installed well MW-10. Since the shallow SVE wells are screened from 15 to 35.5 feet bgs, Stantec connected groundwater monitoring wells MW-5 and MW-10 (screened from 40 to 60 feet bgs) to the SVE system to insure recovery of hydrocarbon mass present in soil at 46 feet bgs. The extraction piping was installed from V-5 to MW-5 and from V-10 to MW-10 and controlled with a ball valve. The ball valve allows extraction from V-5 or MW-5 and V-10 or MW-10.

Phase 2 of the SVE system installation was completed in February 2012 with installation of a thermal oxidizer. System startup and source testing was conducted in July 2012 upon completion of Pacific Gas & Electric (PG&E) utility connection and Bay Area Air Quality Management District (BAAQMD) air permitting[17]. Stantec's *Soil Vapor Extraction System Source Test Report* was submitted to the GPP on October 19, 2012, in accordance with their directive. The SVE system startup was completed on October 22, 2012[16].

2012 SVE Source Test. In a letter dated June 19, 2012, GPP issued a notice of violation (NOV) for the failure to begin operation of the SVE system. Although significant progress had been made, additional tasks that required completion before the new SVE system could be started included connection of power and natural gas services from PG&E and issuance of an Authority to Construct (ATC) permit from the BAAQMD. As communicated to the GPP in electronic correspondence dated June 12, 2012, the BAAQMD delayed issuance of the ATC permit due to concern about chlorinated solvents present in soil vapor beneath the Site and the potential for dioxin formation when operating the thermal oxidizer to treat chlorinated solvents present in the extracted soil vapor. In order to maintain compliance with ATC permit conditions, Stantec performed an SVE source test on July 2 and 3, 2012 using Granular Activated Carbon (GAC) vessels arranged in series. Following installation of the GAC vessels, Stantec worked with the SVE equipment manufacturer to modify the SVE system controls, bypass the thermal oxidizer, and re-route the extracted soil vapor through the GAC vessels for treatment[18]. As part of the source test, individual extraction well vapor samples were analyzed for contaminant concentrations. Stantec evaluated influent vapor analytical data to

[15]Stantec, 2010, *Additional Assessment and Remediation Feasibility Test Workplan*, October 29.
[16]Stantec, 2012, *Additional Assessment Report of Findings, Bench Scale Feasibility Test Report, and Site Conceptual Model*, February 14.
[17]Stantec, 2013, *Remediation System Installation Report*, April 12, 2013.
[18] Stantec, 2012, *Soil Vapor Extraction System Source Test Report*, October 19.

determine the total chlorinated atom mass and determine whether the dioxin health risk trigger level would be exceeded. The calculated dioxin trigger level was not exceeded, and the thermal oxidizer was placed back online[19].

2013 Additional Soil and Groundwater Assessment. Between March 18 and 27, 2013, Stantec supervised National Exploration, Wells, and Pumps (NEWP) during advancement of three soil borings (SB-11 through SB-13). Soil and groundwater samples were submitted to JAG Consulting Group for bench scale testing and analysis. The results, including an updated CSM, are summarized in Stantec's *Additional Assessment Report, Bench Scale Feasibility Test Report, and Site Conceptual Model* dated June 13, 2013. The GPP reviewed the report and responded in a letter dated March 18, 2014. The GPP requested a workplan for additional assessment and well replacement. Stantec submitted the requested workplan on June 19, 2014[20]. The workplan was conditionally approved by GPP in a letter dated August 18, 2014.

2014-2015 Additional Soil and Groundwater Assessment. Between December 2014 and February 2015, Stantec completed additional assessment that included the following scope of work:

- Advanced four soil borings (SB-14 through SB-17) to depths ranging from 130 to 180.5 feet bgs.
- Installed six groundwater monitoring wells (MW-1R, MW-13 through MW-17) to depths ranging from 32 to 62.5 feet bgs. The data was used to further assess the lateral and vertical extent of MTBE in soil and the lateral extent of MTBE present in the shallow perched groundwater zone underlying the site at approximately 44 feet bgs.
- Installed four groundwater monitoring wells (MW-4D through MW-7D) to depths ranging from 160 to 166 feet bgs to assess the shallow regional groundwater underlying the Site at approximately 150 feet bgs.
- Advanced three hand augers borings (HA-1 through HA-3) adjacent to the dispenser islands to further assess the extent of MTBE in soil at 5 feet bgs.

Based on the assessment results, the vertical extent of MTBE in soil was defined to a maximum depth of 110 feet bgs and the lateral extent was defined south and east of the Site. MTBE in perched groundwater was also defined to the south and east of the Site. MTBE was only reported in a deep, water sample collected from MW-4D at a concentration of 1.9 micrograms per liter (µg/L)[21].

October – November 2015 Additional Assessment – During October and November 2015, Stantec completed the following activities at the Site:

- To assess the lateral extent of MTBE in soil between the perched groundwater zone extending to approximately 55 to 64 feet bgs and the shallow regional groundwater zone extending to approximately 145 to 150 feet bgs, and to assess the lateral extent of hydrocarbons in the perched zone and shallow regional groundwater zone, soil borings were advanced to the west (SB-18) and west-northwest (SB-19) of the Site. Analytical results indicate that MTBE is present in soil at concentrations ranging from 0.006 to 0.11 mg/kg at depths between 100 and 120 feet bgs in SB-18. A sample collected at 130 feet bgs defines the vertical extent of MTBE in this area. Non-detect results from samples collected from SB-19 define the lateral extent of impacts to the west-northwest of the Site.
- Groundwater monitoring well MW-18 was installed to a total depth of 64.5 feet bgs to assess the perched groundwater zone west of the Site.
- Due to a potentially unsuitable screen interval, the GPP approved the destruction groundwater monitoring well MW-1 by over-drilling. The screen interval of MW-1 was only 4 to 5 feet above the depth to groundwater and screened 10 feet deeper than surrounding wells in the perched groundwater zone, potentially providing groundwater samples that were not representative of the top of the perched

[19]USEPA, 2004, How to Evaluate Alternative Cleanup Technologies for Underground Storage Tank Sites, May 2004
[20] Stantec, 2014, *Workplan for Additional Assessment*, June 19.
[21] Stantec, 2015, *Additional Assessment Report and Site Conceptual Model*, February 25.

groundwater zone. Replacement well MW-1R was installed approximately 7 feet east of the MW-1 location at a total depth of 60 feet bgs in December 2014.

- To better assess groundwater conditions in the perched zone southwest of the Site, Stantec oversaw the installation of groundwater monitoring well MW-11R. Well MW-11 was over-drilled and deepened to 65 feet bgs for the installation of MW-11R. The original depth of MW-11 was 50 feet bgs.
- Vapor extraction wells V-12 and V-13 were installed to total depths of 90 feet bgs and screened from 70 feet bgs to 90 feet bgs to facilitate the remediation of deep MTBE concentrations in the northwest quadrant of the Site.
- To assess the extent of waste oil impacts to soil near the existing waste oil UST in the southwest corner of the Site, soil borings SB-21 and SB-22 were advanced to 40 and 35 feet bgs, respectively. Significant reductions in GRO, oil range organics (ORO), BTEX and MTBE concentrations were reported in samples collected from borings SB-21 and SB-22 when compared to historical data from borings CSB-6, MW-5A and well V-5[22].

May 2016 – Additional Assessment and Vapor Extraction Pilot Test – In order to assess the lateral extent of MTBE in soil between perched and regional groundwater, and to assess the lateral extent of hydrocarbons in soil in the perched groundwater zone to the north and northwest of the Site, Stantec oversaw the completion of the following work between May 9 and 20, 2016:

- Advanced soil boring SB-20D to the northwest of the Site. Soil boring SB-20D was advanced after refusal was encountered in attempted borings SB-20, SB-20B, and SB-20C in the Daly City Right-of-Way at approximately 23 feet bgs. Borings SB-20 and SB-20B were attempted in October 2015, and boring SB-20C was attempted in February 2016. Only MTBE concentrations were detected in soil samples collected from SB-20D at depths between 69.5 and 131 feet bgs. No other analytes were detected above the LRLs in soil samples collected from SB-20D.
- Installed monitoring well MW-19 northwest of the Site to assess the perched groundwater zone. MW-19 was installed to a total depth of 62.5 feet bgs with 10 feet of screen from 52.5 to 62.5 feet bgs. Soil analytical results from MW-19 did not have reported detections above the LRLs for any analyte.
- Advanced and installed offsite well V-14 to facilitate soil vapor extraction feasibility testing in the SVE wells screened from 70 to 90 feet bgs offsite. V-14 was installed to a total depth of 90 feet bgs with 20 feet of screen from 70 to 90 feet bgs. MTBE was detected in soil at concentrations ranging from 0.21 to 2.7 mg/kg at depths between 76 and 86 feet bgs. Tert-butyl alcohol (TBA) was present at a concentration of 1.2 mg/kg in the soil sample from 86 feet bgs. No other analytes were detected above the LRLs in soil samples collected from V-14.

Stantec performed pilot testing activities in the vicinity of V-14 on July 14 and 15, 2016. Pilot testing consisted of a step test, radius of influence (ROI) test, and sample collection to estimate potential MTBE mass removal rates. Step testing was performed by applying a vacuum of approximately 2, 4, 6, and 8 inches of mercury (inHg), measured at the system to extraction well V-11. A relatively linear relationship developed between the applied vacuum and the extracted flow rate, indicating that the system could operate at up to 8 inHg vacuum and not experience significant reduction in flow due to constriction of the well screen from lithology. ROI testing consisted of applying a vacuum between 8 and 9 inHg at the system, which resulted in 40 to 60 inches of water (inH_2O) at the wellhead. Vacuum influence measurements collected at V-12 and V-13, located 41 and 37 feet from the test well, respectively, were measured to be approximately 50% of the applied vacuum. The observed vacuum at V-14, located 89 feet from the extraction well, was measured to be approximately 25% of the applied vacuum. Based on these results, an estimated maximum deep well radius of effective air exchange of 96 feet was produced. To determine the concentration of MTBE in extracted soil vapor and allow for the estimation of MTBE mass removal rates during continuous operation, influent and effluent vapor samples were collected approximately halfway through the ROI test and submitted for

[22] Stantec, 2015, *Additional Assessment Report*, November 16.

laboratory analysis. Based on vapor concentrations obtained through laboratory analysis, the estimated MTBE mass removal rate from V-11 through the duration of the pilot test study was 1.69 pounds per day (lbs/day)[23].

July 2017 – Subsurface Investigation. To better delineate down gradient impacts located within the shallow regional groundwater zone at approximately 145 to 150 feet bgs., Antea Group oversaw Cascade Drilling, Inc. (Cascade) advance one soil boring to 162 feet bgs in a parking lot at the northeast corner of Southgate Avenue and Lake Merced Blvd between July 17 and 19, 2017. The boring was completed as deep monitoring well MW-9D, built at a total depth of 155 feet with 20 feet of screen from 135 to 155 feet bgs. A total of five soil samples were collected during this investigation and submitted for laboratory analysis. None of the five samples submitted had concentrations of petroleum hydrocarbon constituents that exceeded the LRLs[24].

August 2017 – Radius of Influence Vacuum Test. On June 16, 2017, GPP staff directed BP to connect V-14 to the SVE system based on a belief that the need for dilution air to operate the SVE system was not effectively removing MTBE from the soil near V-14. On August 25, 2017 Antea Group conducted another test on deep zone wells V-11, V-12, V-13 and V-14 to determine the ROI of the SVE system while operating with dilution air. Well V-12 was isolated for the ROI test due to its proximity to well V-14 using the existing SVE system operated with dilution air. An applied vacuum of 78 inH_2O was maintained at well V-12 for one hour. Wells V-11, V-13 and V-14 located approximately 41, 47 and 67.5 feet from V-12, were observed to have induced vacuums of 44, 46 and 31 inH_2O, respectively. The Environmental Protection Agency (EPA) has determined a minimum vacuum of 0.1 inH_2O is required to adequately influence volatilization and extraction of vapors[25]. Based on the ROI test results, Antea Group conservatively estimated an ROI greater than 1.0 inH_2O at approximately 330 feet, sufficient to remediate MTBE impacts near V-14[26].

March 2018 – Waste Oil Investigation. Antea Group advanced seven soil borings around the waste oil tank (SB-23 through SB-29) in response to a GPP directive from January 26, 2018. Concentrations of benzene, ethylbenzene, naphthalene, and poly-aromatic hydrocarbons (PAHs) from this investigation are below the LTCP residential thresholds. Additionally, shallow soil sample results for GRO, DRO, and ORO did not exceed the 2019, Revision 2 Tier 1 San Francisco Bay Regional Water Quality Control Board Environmental Screening Levels (ESLs) of 100 mg/kg, 260 mg/kg, and 1,600 mg/kg, respectively. Additionally, benzene, ethylbenzene, and naphthalene levels in soil collected during the 2015 waste oil investigation (SB-21 and SB-22) meet the residential soil criteria for direct contact and outdoor air exposure in the LTCP[27].

May 2018 – Deep Soil Investigation. Antea Group advanced soil boring SB-30, near V-14 to 110 feet bgs to determine if deeper soil is being remediated near V-14. The investigation detected a maximum of 0.45 mg/kg TBA and 1.2 mg/kg of MTBE in soil between 81 and 91 feet bgs; however, MTBE and TBA in soil above and below those depths were non-detect. Unlike nearby well V-14, no concentrations were detected in the sample collected at 66 feet bgs in SB-30, which may indicate soil is being remediated in this area due to the high radius of influence from onsite wells. To further support this conclusion, soil collected at 86 feet bgs from SB-30 had a lower concentration of MTBE (0.45 mg/kg) than that previously recorded in V-14 (2.4 mg/kg); although, the result for the SB-30 sample is an estimated value[28].

October 2018 – Additional Waste Oil Investigation. Antea Group advanced two soil borings, SB-31 and SB-32, in the area of the former and current waste oil tank in response to a GPP directive issued September 20, 2018. Analytical results for soil collected during investigations in March and November 2018 in the waste oil tank area (SB-23 through SB-29, SB-31, and SB-32) meet the LTCP media-specific criteria for residential direct contact and outdoor air

[23] Stantec, 2016, *Additional Assessment and Vapor Extraction Pilot Test Report*, August 29.
[24] Antea Group, 2017, *Subsurface Investigation Report*, November 30.
[25] USEPA, 2004, How to Evaluate Alternative Cleanup Technologies for Underground Storage Tank Sites, May 2004.
[26] Antea Group, 2018, *Radius of Influence Vacuum Test Report*, March 1.
[27] Antea Group, 2018, *Waste Oil Area Investigation Report*, July 10.
[28] Antea Group, 2018, *Deep Soil Investigation Report*, September 21.

exposure. Analytical results for samples from SB-31 and SB-32 show decreasing Stoddard Solvent concentrations when compared to previously collected soil samples from MW-5. Soil samples from MW-5 at depths from 15.5-30.5 feet bgs had Stoddard Solvent detections ranging from 6,300 mg/kg to 47,000 mg/kg. Soil samples collected from SB-31 and SB-32 at depths from 15 to 35 feet bgs had a maximum Stoddard Solvent concentration of 1,500 mg/kg. Based on soil analytical data, Antea Group proposed that the implementation of a remedial action plan, as discussed in the November 2017 work plan, was unnecessary as the shallow soil near the waste oil tank meets the LTCP direct contact criteria for residential areas. The previously implemented shallow soil vapor extraction and removal of surface material during the soil vapor system installation and expansion appeared to have been effective in remediating the shallow soil near the waste oil tank[29].

March 2019 – Deep Soil and Groundwater Investigation
From February 19 through March 14, 2019 Antea Group oversaw the installation of monitoring wells MW-16D, MW-18D, and MW-19D by Cascade. The December 2018 GPP letter stated that the vertical extent of MTBE in the vicinity of V-14 may not have been properly assessed during the advancement of SB-30, based on the termination depth of 110 feet bgs. Antea Group believes this has been accomplished with the advancement of MW-16D. Antea Group collected four soil samples between 120 feet bgs and the point of termination at 135 feet bgs. The samples did not have reported MTBE concentrations above the LRLs, which varied between 0.0035 mg/kg and 0.0041 mg/kg, or the ESL of 0.028 mg/kg.

Soil collected from MW-16D at 81 feet, 86 feet, and 91 feet bgs had MTBE concentrations of 0.97 mg/kg, 0.71 mg/kg, and 2.7 mg/kg, respectively; however, MTBE in groundwater was not detected above the LRL in that location, suggesting adsorbed impacts are not affecting the shallow regional aquifer. MTBE concentrations in the samples from both 81 feet bgs and 86 feet bgs were similar to those found in SB-30 at the same depths, and less than the concentrations in the soil samples collected from V-14 at the same depths. The MTBE concentration detected in soil from MW-16D at 91 feet bgs was higher than that detected in the sample collected from SB-30 at the same depth. This concentration is also higher than that collected from SB-16 at the same depth in 2016; however, of the five samples with MTBE detections above the ESL in SB-16, four confirmation samples from corresponding depths in MW-16D had lower MTBE concentrations. These analytical results, along with previously-obtained ROI data, further support the conclusion that the soil in this area could be influenced by the onsite vapor extraction wells, which was initially presented in the *Deep Soil Investigation Report*, dated September 21, 2018[30]

June -August 2019 Pilot Testing. On July 10, 2019, BP connected V-14 to the SVE system with above ground piping to determine if extraction from V-14 would increase recovery of the residual MTBE mass in the area of MW-16D (SB-16, SB-30 and V-14). The SVE system and vapor extraction well V-12 were modified to enable isolation of and extraction from V-14. The subsequent testing on V-14 resulted in a maximum MTBE mass removal rate of 0.002 lbs/day. Additionally, the rapid depletion and slow recharge of oxygen in the deep zone demonstrated that the deep extraction wells are isolated from the perched zone and air being extracted via the SVE system is from the deep zone only and no short circuiting is occurring.

To confirm the results of the initial testing, BP again connected V-14 to the SVE system on August 6, 7 and 8, 2019, resulting in a maximum MTBE mass removal rate of 0.010 lbs/day. The results of the six days of pilot testing that occurred between July and August 2019 show that connecting V-14 to the existing SVE system will not add a notable increase in MTBE mass removal to what is currently being extracted and appears to even dilute the MTBE concentrations in the soil vapor being extracted from well V-12. Furthermore, optimizing the system to extract from only V-12, the configuration that resulted in the highest mass removal of the four configurations tested, would only remove 0.63 lbs/day of MTBE from the subsurface. Based on the results of the pilot testing, BP does not believe that SVE in any configuration would be effective in further remediating the MTBE present in the vicinity of V-14 and recommended ceasing operation of the SVE system[31]. The GPP concurred with the recommendation to shut down

[29] Antea Group, 2018, *Additional Waste Oil Area Investigation Report*, December 12.
[30] Antea Group, 2019, *Deep Soil and Groundwater Investigation Report*, April 30.
[31] Antea Group, 2019, *V-14 Soil Vapor Extraction Pilot Test Report*, September 10.

the SVE system in a letter dated November 13, 2019.

February 2020 – Shallow Soil Assessment. On February 18, 2020, two soil borings (HA-4 and HA-5) were advanced onsite near the fuel dispenser pumps to verify the concentrations of GRO, benzene, ethylbenzene, MTBE, and naphthalene on either side of historic soil samples T-2, T-2A, and D-4, which were collected during station upgrade activities on March 5 and March 10, 1999, near a product piping and dispenser excavation. Analyte concentrations for the samples collected during this investigation did not exceed laboratory reporting limits, and the laboratory reporting limits for benzene, ethyl benzene, and naphthalene are well below LTCP limits for direct contact and outdoor air exposure and utility workers[32].

[32] Antea Group, 2020, *Shallow Soil Assessment Report*, April 20.

Appendix C

Boring Logs

GREGG

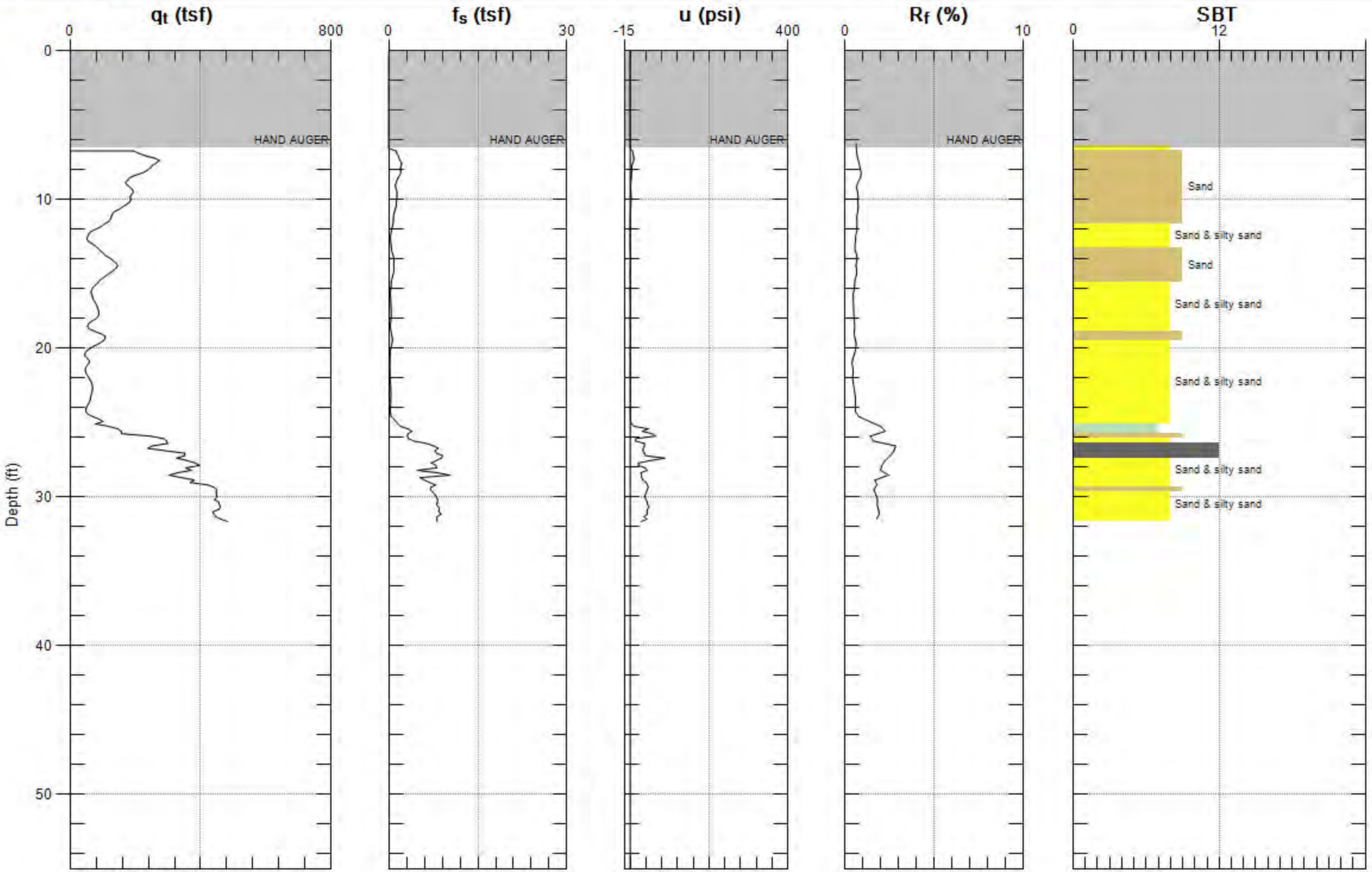
STANTEC

Site: BP 465

Sounding: CPT-1

Engineer: B. Rorie

Date: 1/1/2001 12:01



Max. Depth: 31.660 (ft)

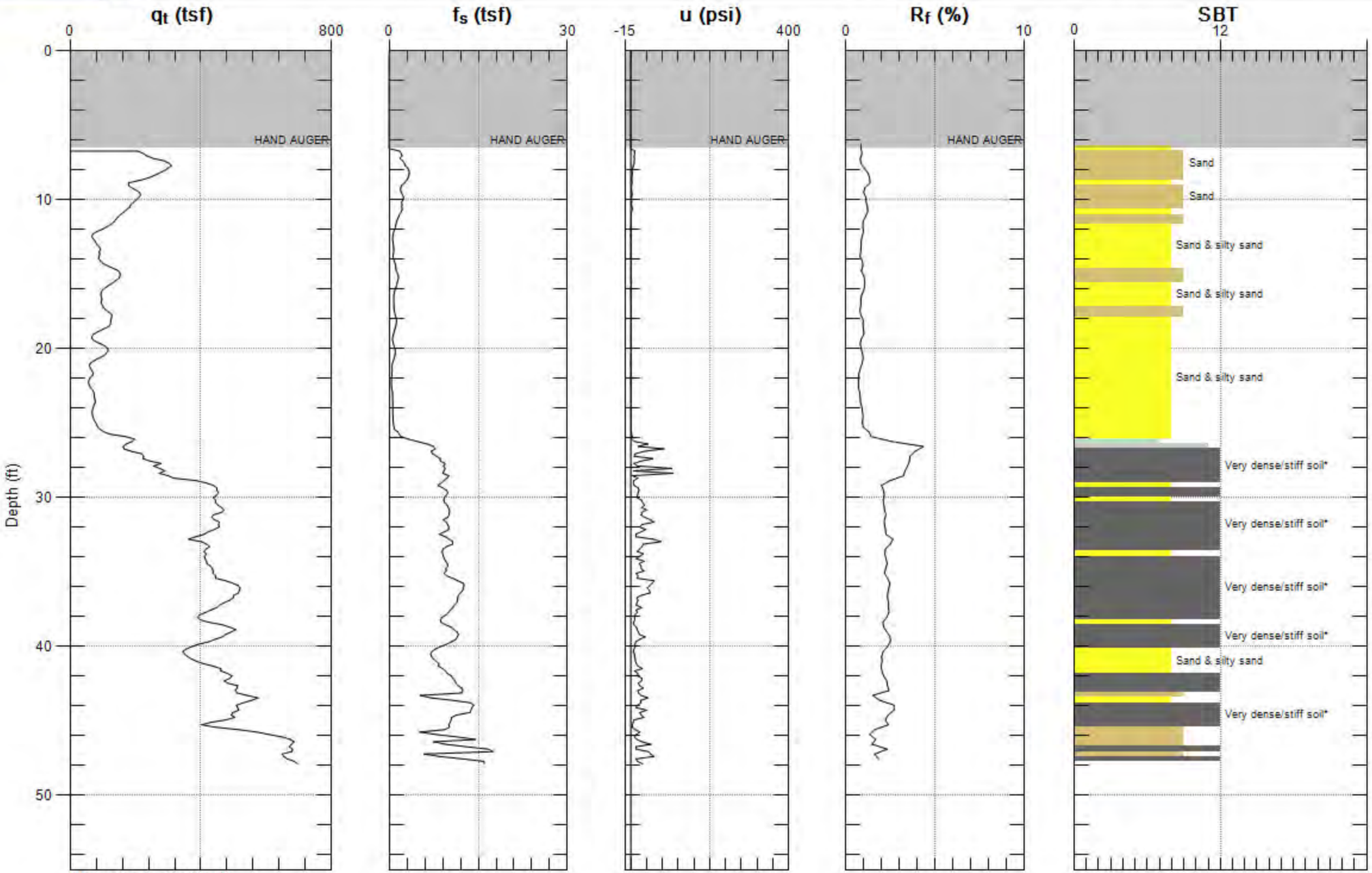
Avg. Interval: 0.328 (ft)

SBT: Soil Behavior Type (Robertson 1990)

STANTEC

Site: BP 465
Sounding: CPT-1A

Engineer: B. Rorie
Date: 2/19/2013 01:22



Max. Depth: 47.900 (ft)
Avg. Interval: 0.328 (ft)

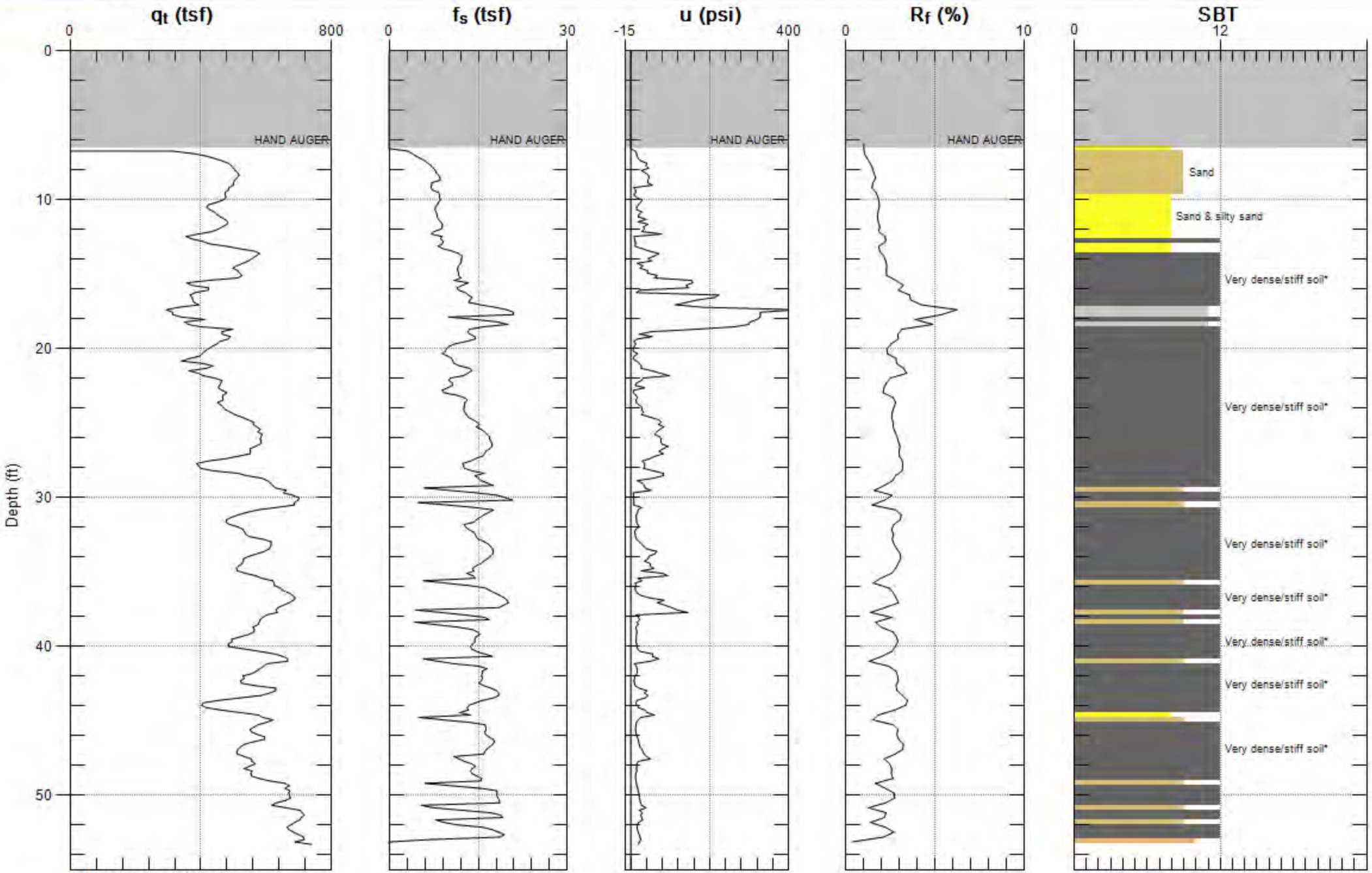
SBT: Soil Behavior Type (Robertson 1990)

GREGG

STANTEC

Site: BP 465
Sounding: CPT-3

Engineer: B. Rorie
Date: 2/20/2013 09:15



Max. Depth: 53.314 (ft)
Avg. Interval: 0.328 (ft)

SBT: Soil Behavior Type (Robertson 1990)

Project: ARCO STATION #465 – 151 SOUTHGATE AVENUE, DALY CITY, CA			Log of Boring/Monitoring Well: **CSB-1**
Boring Location: NORTH CORNER	Project No.: 50600–013–17		
Subcontractor and Equipment: MDE/HSA	Logged By: C.M.	Drawn By: C.R.	
Sampling Method: CAL. MOD. SPLIT SPOON	Monitoring Device: OVM 580B		Comments:
Start Date/Time: 1/20/98//1330	Finish Date/Time: 1/20/98//1430		
First Water (bgs): NA	Stabilized Water Level (bgs): NA		

Surface Elevation: NA Top Casing Elevation: NA

Sample Number	Blows/foot	PID (ppm)	Depth (Feet)	Recovery	USCS Symbol	Water Level	LITHOLOGIC DESCRIPTION (color, grain size, consistency, moisture, other)	Boring Abandonment/ Well Construction Details
HAND AUGER			0				ASPHALT AND BASEROCK	
			1				YELLOWISH BROWN (10YR 5/8) SAND (SP) sand *is fine–grained, loose, moist* (0,100,0,0)	
			2					
			3					
			4					
CSB-1-5	11	4	5					
			6					
			7					
			8					
			9					
CSB-1-10	25	0	10				medium dense	
			11					
			12					
			13					
			14					
CSB-1-15	44	0	15				dense	Cement Grout
			16					
			17					
			18					
			19					
CSB-1-20	41	4	20					
			21					
			22					
			23					
			24					
CSB-1-25	42	0	25					
			26					
			27					
			28					
			29					
CSB-1-29	57	0	30					
			31					

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SECOR

Reviewed By: _____ Date: _____
Revised By: _____ Date: _____

Project: ARCO STATION #465 – 151 SOUTHGATE AVENUE, DALY CITY, CA			Log of Boring/Monitoring Well: CSB-2
Boring Location: NORTHEAST OF USTs	Project No.: 50600-013-17		
Subcontractor and Equipment: MDE/HSA	Logged By: C.M.	Drawn By: C.R.	
Sampling Method: CAL. MOD. SPLIT SPOON	Monitoring Device: OVM 580B		Comments:
Start Date/Time: 1/21/98//0830	Finish Date/Time: 1/21/98//0930		
First Water (bgs): NA	Stabilized Water Level (bgs): NA		

Surface Elevation: NA Top Casing Elevation: NA

Sample Number	Blows/foot	PID (ppm)	Depth (Feet)	Recovery	USCS Symbol	Water Level	LITHOLOGIC DESCRIPTION (color, grain size, consistency, moisture, other)
HAND AUGER			0				ASPHALT AND BASEROCK
			1				YELLOWISH BROWN (10YR 5/8) SAND (SP) sand is fine-grained, medium dense, moist (0,100,0,0)
			2				
			3				
			4				
CSB-2-4.5	37	0	5				
			6				
			7				
			8				
			9				
CSB-2-10	40	2	10				
			11				
			12				
			13				
			14				
CSB-2-15	43	15	15				Color changes to Light Olive Brown (2.5Y 5/4)
			16				
			17				
			18				
			19				
CSB-2-20	40	21	20				
			21				
			22				
			23				
			24				
CSB-2-25	40	80	25				
			26				
			27				
			28				
			29				
CSB-2-30	35	66	30				
			31				

Boring Abandonment/ Well Construction Details

Cement Grout

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SECOR

Reviewed By: _____ Date: _____

Revised By: _____ Date: _____

Project: ARCO STATION #465 – 151 SOUTHGATE AVENUE, DALY CITY, CA			Log of Boring/Monitoring Well: **CSB-3**
Boring Location: SOUTHEAST OF USTs	Project No.: 50600–013–17		
Subcontractor and Equipment: MDE/HSA	Logged By: C.M.	Drawn By: C.R.	
Sampling Method: CAL. MOD. SPLIT SPOON	Monitoring Device: OVM 580B		Comments:
Start Date/Time: 1/20/98//1500	Finish Date/Time: 1/20/98//1600		
First Water (bgs): NA	Stabilized Water Level (bgs): NA		

Surface Elevation: NA Top Casing Elevation: NA

Sample Number	Blows/foot	PID (ppm)	Depth (Feet)	Recovery	USCS Symbol	Water Level	LITHOLOGIC DESCRIPTION (color, grain size, consistency, moisture, other)
HAND AUGER			0				ASPHALT AND 6" CONCRETE
			1				BASEROCK
			2				YELLOWISH BROWN (10YR 5/8) SAND (SP) sand is fine–grained, medium dense, moist (0,100,0,0)
			3				
CSB-3-4.5	21	0	4				
			5				
			6				
			7				
			8				
			9				
CSB-3-10	28	0	10				
			11				
			12				
			13				
			14				
CSB-3-15	57	193	15				Greenish stain at 15', faint to moderote chemical odor (gas)
			16				
			17				
			18				
			19				
			20				
CSB-3-21	38	678	21				strong chemical odor
			22				
			23				
			24				
CSB-3-25	41	1,164	25				strong chemical odor
			26				
			27				
			28				
			29				strong chemical odor
			30				
CSB-3-31	37	805	31				

Boring Abandonment/ Well Construction Details

Cement Grout

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SECOR

Reviewed By: _____ Date: _____

Revised By: _____ Date: _____

Project: ARCO STATION #465 – 151 SOUTHGATE AVENUE, DALY CITY, CA			Log of Boring/Monitoring Well: **CSB-4**
Boring Location: NORTHEAST OF TREATMENT COMPOUND	Project No.: 50600-013-17		
Subcontractor and Equipment: MDE/HSA	Logged By: C.M.	Drawn By: C.R.	
Sampling Method: CAL. MOD. SPLIT SPOON	Monitoring Device: OVM 580B		Comments:
Start Date/Time: 1/21/98//1030	Finish Date/Time: 1/21/98//1200		
First Water (bgs): NA	Stabilized Water Level (bgs): NA		

Surface Elevation: NA Top Casing Elevation: NA

Sample Number	Blows/Foot	PID (ppm)	Depth (Feet)	Recovery	USCS Symbol	Water Level	LITHOLOGIC DESCRIPTION (color, grain size, consistency, moisture, other)
HAND AUGER			0				ASPHALT AND BASEROCK
			1				YELLOWISH BROWN (10YR 5/8) SAND (SP) sand is fine-grained, medium dense, moist (0,100,0,0)
			2				
			3				
			4				
CSB-4-5	37	0	5				
			6				
			7				
			8				
			9				
CSB-4-10	36	0	10				
			11				
			12				
			13				
			14				
CSB-4-15	35	36	15				color changes to Light Olive Brown (2.5Y 5/4)
			16				
			17				
			18				
			19				
CSB-4-20	35	674	20				moderate to strong chemical odor
			21				
			22				
			23				
			24				
CSB-4-25	34	180	25				
			26				
			27				
			28				
			29				
CSB-4-30	41	109	30				

Boring Abandonment/ Well Construction Details



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SECOR

Reviewed By: _____ Date: _____

Revised By: _____ Date: _____

Project: ARCO STATION #465 – 151 SOUTHGATE AVENUE, DALY CITY, CA

Log of Boring/Monitoring Well: **CSB-4**

Boring Location: NORTHEAST OF TREATMENT COMPOUND | Project No.: 50600-013-17

Sample Number	Blows/foot	PID (ppm)	Depth (Feet)	Recovery	USCS Symbol	Water Level	LITHOLOGIC DESCRIPTION (color, grain size, consistency, moisture, other)	Boring Abandonment/ Well Construction Details
CSB-4-35	46	44	30–63					Cement Grout
CSB-4-40	47	31						
CSB-4-45	51	58						
CSB-4-49.5	37	40						
CSB-4-54.5	39	31						

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Reviewed By: _____ Date: _____

Revised By: _____ Date: _____

SECOR

Project: ARCO STATION #465 – 151 SOUTHGATE AVENUE, DALY CITY, CA			Log of Boring/Monitoring Well: **CSB-5**
Boring Location: WEST OF THE MIDDLE PUMP ISLAND	Project No.: 50600–013–17		
Subcontractor and Equipment: MDE/HSA	Logged By: C.M.	Drawn By: C.R.	
Sampling Method: CAL. MOD. SPLIT SPOON	Monitoring Device: OVM 580B		Comments:
Start Date/Time: 1/20/98//1000	Finish Date/Time: 1/20/98//1200		
First Water (bgs): NA	Stabilized Water Level (bgs): NA		

Surface Elevation: NA Top Casing Elevation: NA

Sample Number	Blows/foot	PID (ppm)	Depth (Feet)	Recovery	USCS Symbol	Water Level	LITHOLOGIC DESCRIPTION (color, grain size, consistency, moisture, other)
HAND AUGER			0				ASPHALT AND BASEROCK
			1				YELLOWISH BROWN (10YR 5/8) SAND (SP) sand is fine–grained, medium dense, moist (0,100,0,0)
			2				
			3				
			4				
CSB-5-5	34	0	5				
			6				
			7				
			8				
			9				
CSB-5-10	42	0	10				dense
			11				
			12				
			13				
			14				
CSB-5-14.5	30	0	15				medium dense
			16				
			17				
			18				
			19				medium dense, trace silt
CSB-5-20	32	68	20				zone of Greenish staining at ~20' moderate chemical odor (0,95,5,0)
			21				
			22				
			23				
			24				
CSB-5-24.5	31	94	25				moderate chemical odor
			26				
			27				
			28				
CSB-5-29	28	60	29				moderate chemical odor
			30				
			31				

Boring Abandonment/ Well Construction Details

Cement Grout

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SECOR

Reviewed By: _____ Date: _____

Revised By: _____ Date: _____

Project: ARCO STATION #465 – 151 SOUTHGATE AVENUE, DALY CITY, CA			Log of Boring/Monitoring Well: **CSB-6**
Boring Location: NORTHEAST OF WASTE OIL UST	Project No.: 50600-013-17		
Subcontractor and Equipment: MDE/HSA	Logged By: C.M.	Drawn By: C.R.	
Sampling Method: CAL. MOD. SPLIT SPOON	Monitoring Device: OVM 580B		Comments:
Start Date/Time: 1/20/98//0930	Finish Date/Time: 1/20/98//1100		
First Water (bgs): NA	Stabilized Water Level (bgs): NA		

Surface Elevation: NA Top Casing Elevation: NA

Sample Number	Blows/Foot	PID (ppm)	Depth (Feet)	Recovery	USCS Symbol	Water Level	LITHOLOGIC DESCRIPTION (color, grain size, consistency, moisture, other)
HAND AUGER			0				ASPHALT AND BASEROCK
			1–4				LIGHT OLIVE BROWN (2.5Y 5/4) SAND (SP) sand is fine-grained, moist, moderate chemical odor (0,100,0,0)
CSB-6-5	28	470	5				
CSB-6-10	25	431	10				
CSB-6-15	40	442	15				
CSB-6-20	31	390	20				
CSB-6-24	34	193	24–25				very dense trace silt (0,95,5,0)
CSB-6-29.5	30	159	29–30				very dense

Boring Abandonment/ Well Construction Details: Cement Grout

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Reviewed By: _____ Date: _____

Revised By: _____ Date: _____

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Project:	ARCO STATION #465 – 151 SOUTHGATE AVENUE, DALY CITY, CA	Log of Boring/Monitoring Well:
Boring Location:	NORTHEAST OF WASTE OIL UST	Project No.: 50600–013–17	CSB-6

Sample Number	Blows/foot	PID (ppm)	Depth (Feet)	Recovery	USCS Symbol	Water Level	LITHOLOGIC DESCRIPTION (color, grain size, consistency, moisture, other)	Boring Abandonment/ Well Construction Details
CSB-6-34.5	46	86	30–63				medium dense (0,100,0,0)	Cement Grout
CSB-6-39	44	21						
CSB-6-44	36	34						
CSB-6-49.5	35	30						
CSB-6-54.5	35	6						

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Project Name	Soil Boring Log	Soil Boring Number
ARCO Service Station No. 0465		HA-4

Address	Drilling Contractor	Drilling Method	Backfill Material
151 Southgate Avenue Daly City California	Cascade Drilling	Hand Auger	Portland Cement Type I/II Grout
Logged By: P. Edwards / Approved By: R. Bussard	Sampling Method: Terracore	Boring Depth: 10.5 ft.	Boring Diameter: 4.5 in. / 2.5 in.*
Antea Group Project Number: 00465EA191	Headspace Monitoring Device: PID	Date Drilling Started: 2/18/2020	Date Drilling Completed: 2/18/2020

LITHOLOGY **SAMPLING DATA**

Elevation	Depth	Graphic Log	USCS	Visual Description	Moisture Content	Headspace (ppm)	Sample Interval (ft)	Sample Type	Recovery (%)	Laboratory Analysis	Water Level	Backfill Diagram	Backfill Details	Depth
0	0			Concrete			0 - 1	H3	100				Concrete Cap 0 - 8 in.	0
			.	Pea Gravel			1 - 3.5	H3	100				Pea Gravel 8 in-16 in	
			GP	Poorly Graded Gravel with Sand; 2.5 Y 4/3 Olive brown, 60% Gravel, 35% Sand (fine), 5% Fines (silt); very loose	moist	0.0	3.5 - 4	H3	100					
					moist	0.0	4 - 5	H3	100					
-5	5		SP	Poorly Graded Sand with Gravel; 2.5 Y 4/3 Olive brown, 25% Gravel (fine), 70% Sand (fine), 5% Fines (silt), very loose	moist	0.0	5 - 6	H3	100				Portland Cement Type I/II Grout: 16 in-10.5 ft	5
					moist	0.0								
					moist	0.0	6 - 7	H3	100					
					moist	0.0	7 - 8	H3	100					
			GP	Poorly Graded Gravel with Sand; 2.5 Y 4/3 Olive brown, 60% Gravel (fine), 35% Sand (fine), 5% Fines (silt), very loose	moist	0.0								
					moist	0.1	8 - 9	H3	100					
					moist	0.1	9 - 10	H2	100					
-10	10				moist	0.1	10 -10.5	H2	100					10
				Boring terminated at 10.5 ft. bgs.										
-15	15													15
-20	20													20
-25	25													25

H2 = Hand Auger (2.5-inch diameter)
H3 = Hand Auger (3.5 inch diameter)
* = 4.5-inch outer diameter PVC conductor casing advanced to 9.0 ft bgs
2.5-inch diameter hand auger advanced to 10.5 ft bgs

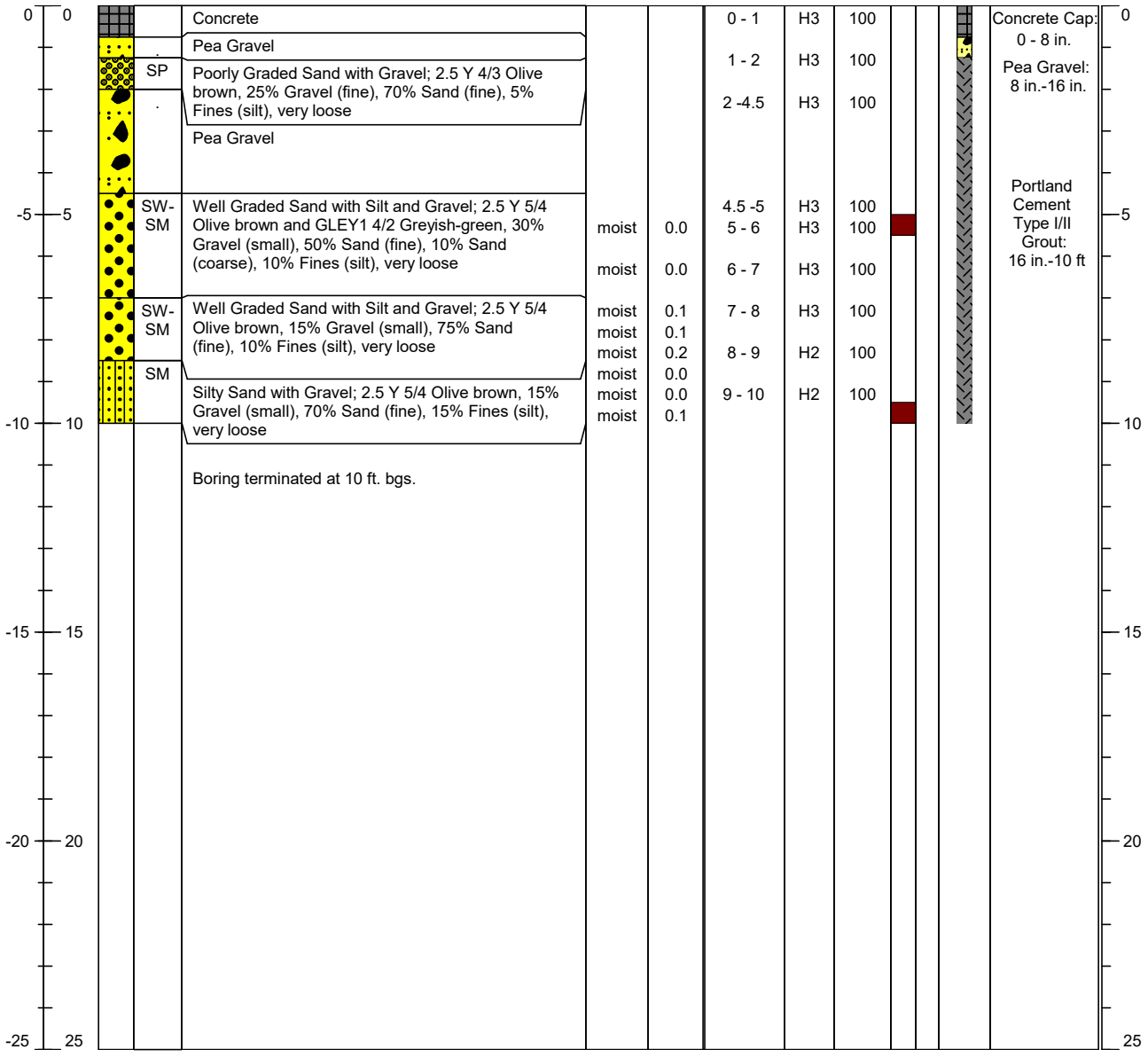
▽ Water Level During Drilling

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Project Name	Soil Boring Log	Soil Boring Number
ARCO Service Station No. 0465		HA-5

Address	Drilling Contractor	Drilling Method	Backfill Material
151 Southgate Avenue Daly City California	Cascade Drilling	Hand Auger	Portland Cement Type I/II Grout
Logged By: P. Edwards / Approved By: R. Bussard	Sampling Method: Terracore	Boring Depth: 10 ft.	Boring Diameter: 4.5 in. / 2.5 in.*
Antea Group Project Number: 00465EA191	Headspace Monitoring Device: PID	Date Drilling Started: 2/18/2020	Date Drilling Completed: 2/18/2020

LITHOLOGY **SAMPLING DATA**



H2 = Hand Auger (2.5-inch diameter)
H3 = Hand Auger (3.5 inch diameter)
* = 4.5-inch outer diameter PVC conductor casing advanced to 8.0 ft bgs
2.5-inch diameter hand auger advanced to 10.0 ft bgs

▽ Water Level During Drilling

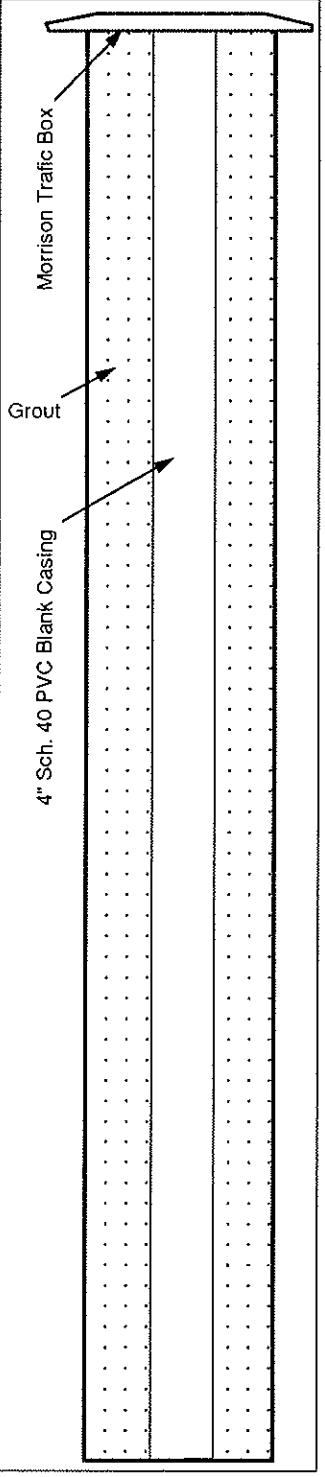
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Project: **ARCO Service Station # 465**			Log of Boring/ Monitoring Well: **MW-1** Page 1 of 3
Boring Location: **151 Southgate Ave., Daly City, CA**		Project No.: **50013-013-01**	
Subcontractor and Equipment: Baylands Drilling / CME 75		Logged By : DEO	
Sampling Method: California Split Spoon	Monitoring Device: OVM 580		Comments :
Start Date/ Time: 3/16/92 // 0845	Finish Date/ Time: 3/16/92 // 1300		
First Water (BGS) : 55.0 Feet	Stabilized Water Level (BGS) : 55.0 Feet		

Surface Elevation: 99.48 Feet Casing Top Elevation: 98.90 Feet

Sample Number	Blows/foot	PID (ppm)	Depth (feet)	USCS Symbol	LITHOLOGIC DESCRIPTION
			0		Asphalt / Base Rock
			1		DARK GRAY SAND (SP), fine-grained, dense, dry
18/18	49	4	4–5		
12/12	26	31	9–10		Grades with slight chemical odor
12/12	31	31	14–15		Color grades to brownish yellow
12/12	34	434	19–20		Chemical odor grades stronger
12/12	58	1224	24–25		Color grades brown Grades very dense
12/12	41	265	29–30		

Boring Abandonment/ Well Construction Details



SEACOR

Reviewed by: _____ Date: _____

Revised by: _____ Date: _____

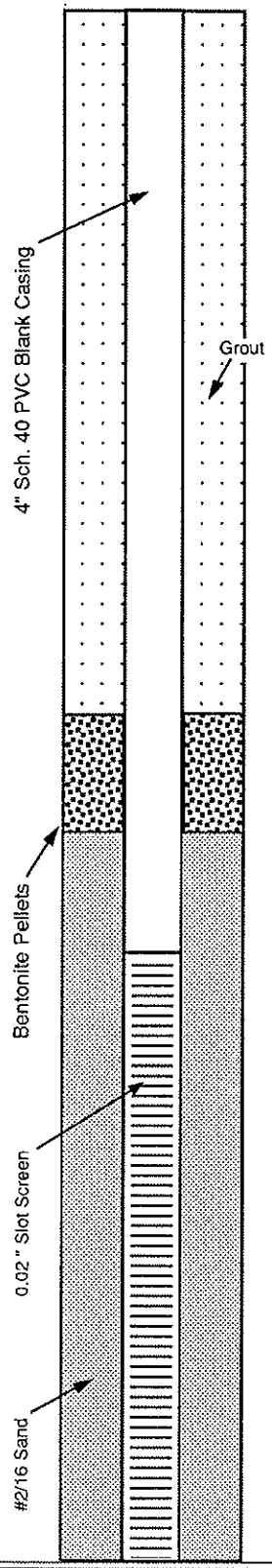
Project: **ARCO Service Station # 465**

Boring Location: **151 Southgate Ave., Daly City, CA** | Project No.: **50013-013-01**

Log of Boring Monitoring Well: **MW-1**

Sample Interval/ Recovery, inches	Blows/foot	PID (ppm)	Depth (feet)	USCS Symbol	LITHOLOGIC DESCRIPTION
12/12	40	285	34–35		BROWN SAND (SP), fine-grained, dense to very dense, dry
12/12	44	19	39–40		Grades with decreasing odor
12/12	47	90	44–45		Grades with increasing odor
12/12	40	137	49–50		
12/12	41	148	54–55		▽ Becomes saturated
12/12	21	–	59–60		Mottled REDDISH BROWN to GRAY SILTY to CLAYEY SAND (SC/SM), fine-grained, dense, wet, with trace gravel

Boring Abandonment/ Well Construction Details



SEACOR

Reviewed by: _____ Date: _____

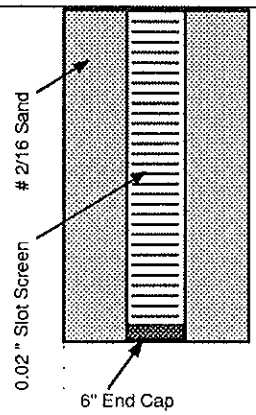
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Project: **ARCO Service Station # 465**

Boring Location: **151 Southgate Ave., Daly City, CA** | Project No.: **50013-013-01**

Log of Boring Monitoring Well: **MW-1**

Sample Interval/ Recovery, Inches	Blows/foot	PID (ppm)	Depth (feet)	USCS Symbol	LITHOLOGIC DESCRIPTION	Boring Abandonment/ Well Construction Details
12/12	-	-	64 65 66 67 68 69 70		REDDISH BROWN CLAYEY SAND/SANDY CLAY (SC/CL), fine-grained, dense, wet	



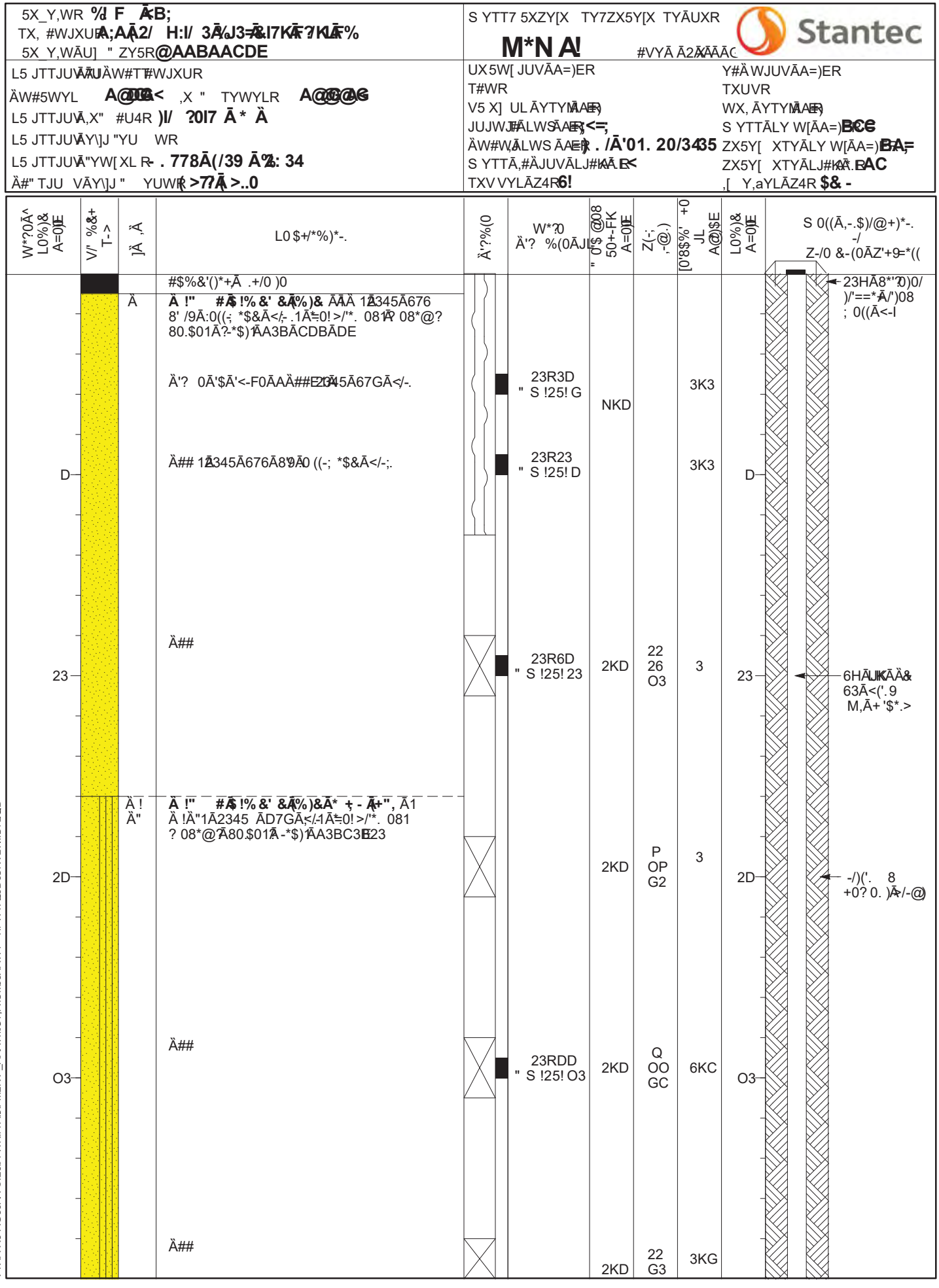
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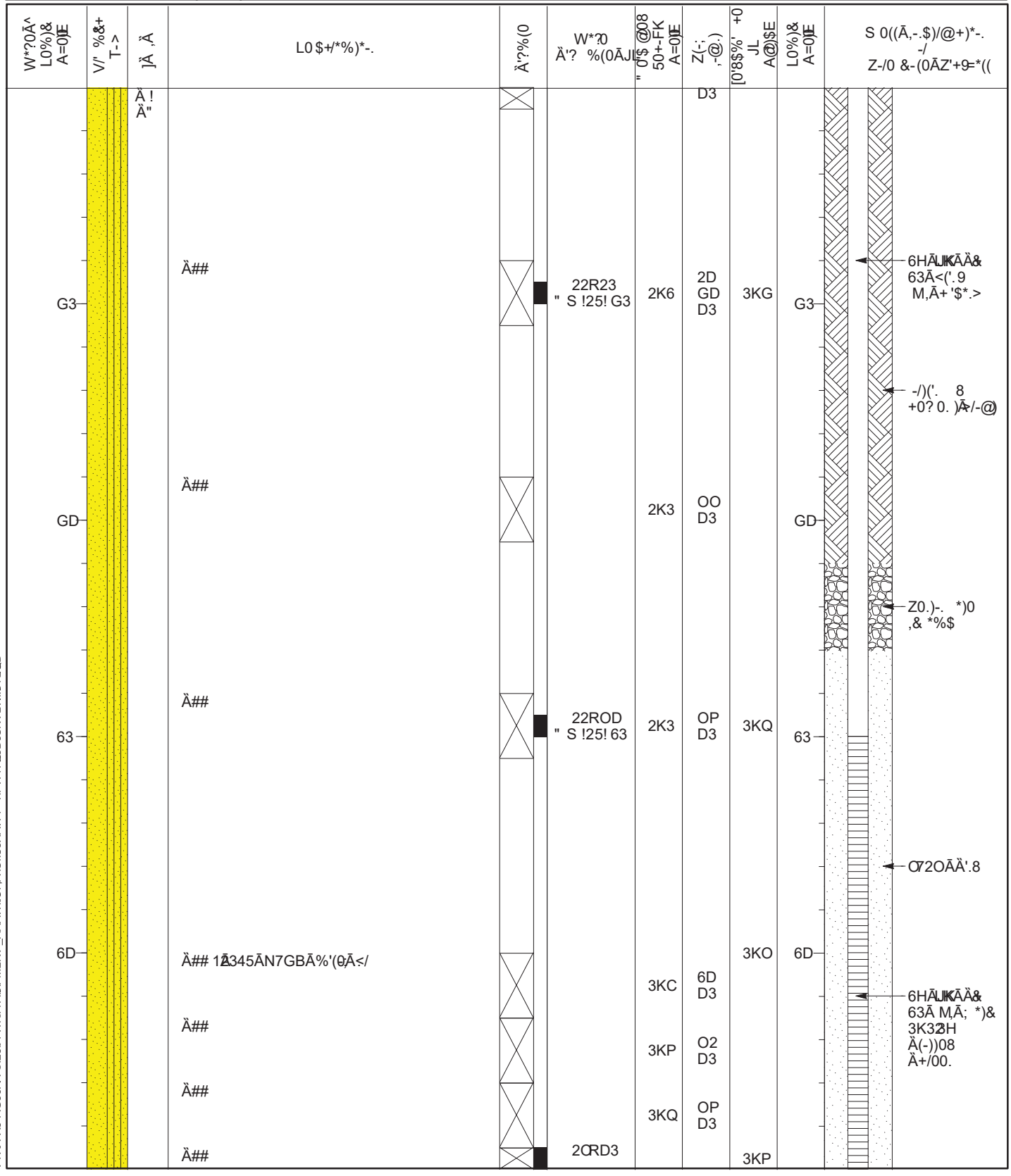
Boring completed to a depth of 70.5 feet below ground surface on 3/16/92.
Groundwater monitoring well installed on 3/16/92 as follows:
4-inch Schedule 40 PVC with 0.02-inch slots and end cap 70.5 - 50 feet.
4-inch Schedule 40 PVC blank casing 50 feet to surface.
#2/16 sand 70.5 - 47.5 feet.
Bentonite pellets 47.5 - 45 feet.
Cement-bentonite grout 45 feet to surface.
Morrison traffic box at surface.

SEACOR

Reviewed by: _____ Date: _____

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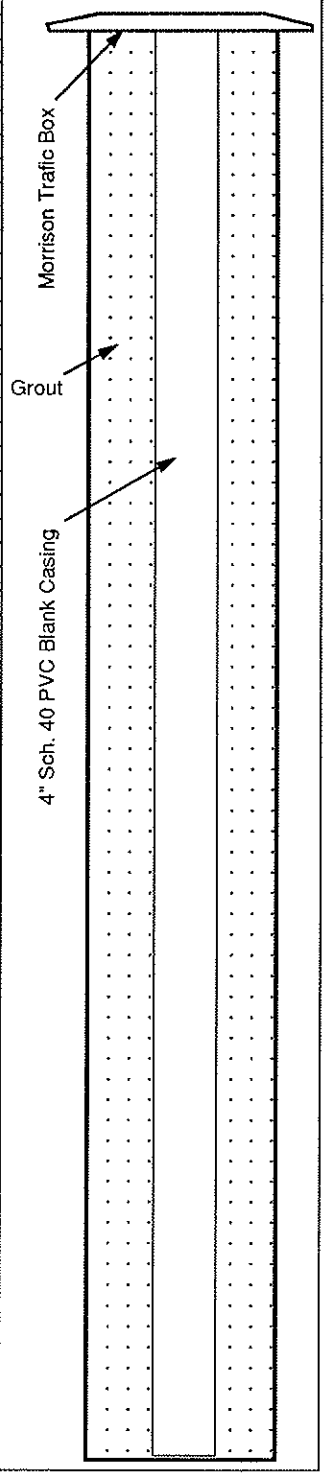
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Project: **ARCO Service Station # 465**			Log of Boring/ Monitoring Well: **MW-2** Page 1 of 3
Boring Location: **151 Southgate Ave., Daly City, CA**		Project No.: **50013-013-01**	
Subcontractor and Equipment: Baylands Drilling / CME 75		Logged By : SES	
Sampling Method: California Split Spoon	Monitoring Device: OVM 580		Comments :
Start Date/ Time: 3/20/92 // 0800	Finish Date/ Time: 3/20/92 // 1900		
First Water (BGS) : 55 Feet	Stabilized Water Level (BGS) : 55.08 Feet		

Surface Elevation: 99.64 Feet Casing Top Elevation: 99.10 Feet

Sample Number	Blows/foot	PID (ppm)	Depth (feet)	USCS Symbol	LITHOLOGIC DESCRIPTION
			0		Asphalt / Road Base
			1–4		REDDISH BROWN SAND (SP), fine-grained, very loose, moist, with trace silt
12/12	6	0	5		
			6–9		
12/12	23	6	10		Color grades to greenish gray Grades medium dense
			11–14		
12/12	27	4	15		
			16–19		
12/12	39	23	20		Color grades to brown Grades dense with slight chemical odor
			21–24		
12/12	47	28	25		
			26–29		
12/12	32	23	30		

Boring Abandonment/ Well Construction Details



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Reviewed by: _____ Date: _____

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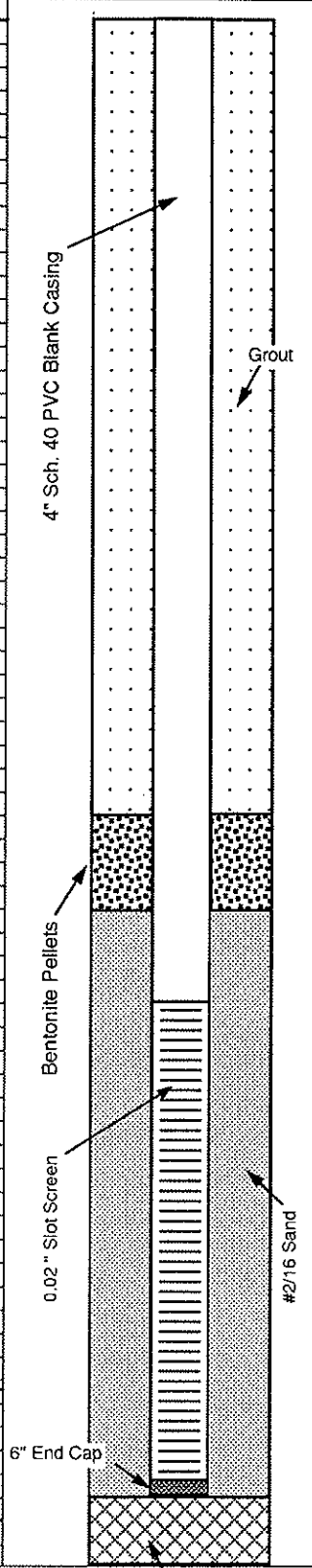
Project: **ARCO Service Station # 465**

Boring Location: **151 Southgate Ave., Daly City, CA** | Project No.: **50013-013-01**

Log of Boring Monitoring Well: **MW-2**

Sample Interval/ Recovery, inches	Blows/foot	PID (ppm)	Depth (feet)	USCS Symbol	LITHOLOGIC DESCRIPTION
12/12	45	7	35	SP	BROWN SAND (SP), fine-grained, dense, moist, with trace silt
12/12	53	45	40	SP	Grades very dense with gray and reddish brown mottling
12/12	39	41	45	SP	
12/12	43	6	50	SP	Grades with decreasing odor
12/12	52	7	55	SP	▽ Becomes saturated
12/12	58	0	57	SP	Grades with increasing silt
12/12	52	0	60	ML	BROWNISH YELLOW SILT (ML), medium stiff, dry, with 10% sand and 5% black organic fragments
12/12	25	0	62	CL	OLIVE GRAY SANDY CLAY (CL), medium stiff, dry

Boring Abandonment/ Well Construction Details



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Reviewed by: _____ Date: _____

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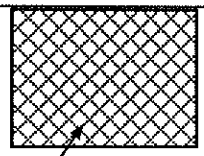
Project: **ARCO Service Station # 465**

Boring Location: **151 Southgate Ave., Daly City, CA** | Project No.: **50013-013-01**

Log of Boring Monitoring Well: **MW-2**

Sample Interval/ Recovery, inches	Blows/foot	PID (ppm)	Depth (feet)	USCS Symbol	LITHOLOGIC DESCRIPTION
18/18	54	0	64		OLIVE GRAY SANDY CLAY (CL), medium stiff, dry
12/12	--	0	65		GRAY SILTY SAND (SM), fine-grained, dense, moist
12/12	90	0	66		REDDISH BROWN SAND (SP), fine-grained, very dense, moist

Boring Abandonment/ Well Construction Details



Bentonite Chips

NOTES:

Boring completed to a depth of 66.5 feet below ground surface on 3/20/92.
Borehole backfilled with bentonite chips to 61.5 feet.
Groundwater monitoring well installed on 3/20/92 as follows:
4-inch Schedule 40 PVC with 0.02-inch slots and end cap, 61.5 - 51 feet.
4-inch Schedule 40 blank casing 51 feet to surface.
#2/16 sand 61.5 - 49 feet.
Bentonite pellets 49 - 47 feet.
Cement-bentonite grout 47 feet to surface.
Morrison traffic box at surface.

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Reviewed by: _____ Date: _____

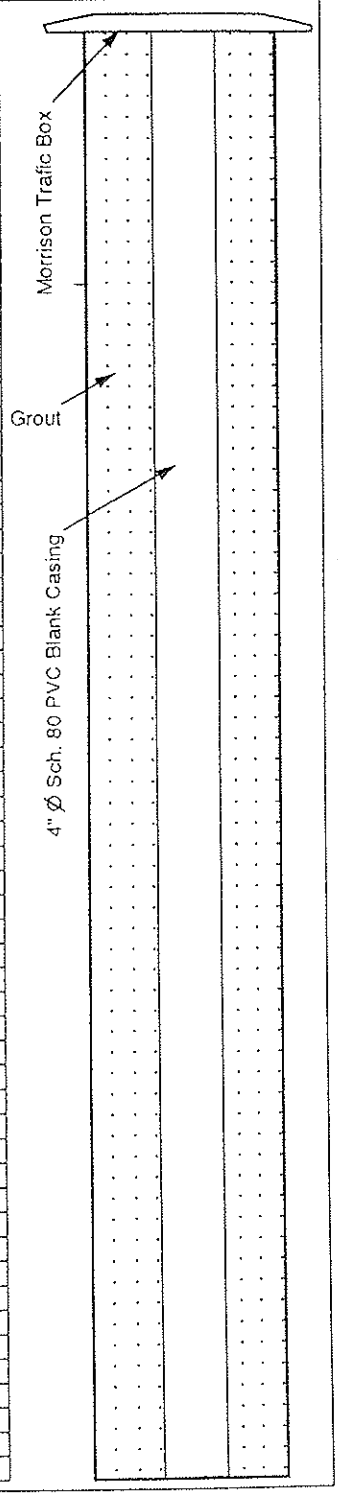
Revised by: _____ Date: _____

Project: ARCO Service Station # 465		Log of Boring/ Monitoring Well:	Page 1 of 7
Boring Location: 151 Southgate Ave., Daly City, CA	Project No.: 50013-013-02	**MW-3D**	
Subcontractor and Equipment: Baylands Drilling / Air and Mud Rotary	Logged By : DWM		
Sampling Method: From Cuttings	Monitoring Device: OVM 580B	Comments : Drilling method did not allow collection of undisturbed samples. Descriptions based on examination of cuttings.	
Start Date/ Time: 7/23/92 // 0900	Finish Date/ Time: 8/5/92 // 1830		
First Water (BGS) : 200 feet	Stabilized Water Level (BGS) : 180 feet		

Surface Elevation: 101.84 Feet Casing Top Elevation: 101.45 feet

Sample Number	Blows/foot	PID (ppm)	Depth (feet)	USCS Symbol	LITHOLOGIC DESCRIPTION
			0		Asphalt
			1–9		YELLOWISH-BROWN SAND (SP), fine-to medium-grained, dense, dry to moist, (0,100,0,0)
		0	10		
			11–19		Grades grayish brown
		11	20		Grades yellowish brown with slight chemical odor
			21–24		
			25		Grades with moderate chemical odor
			26–30		

Boring Abandonment/ Well Construction Details



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Reviewed by: Jennifer Ritchie Date: 12-8-92

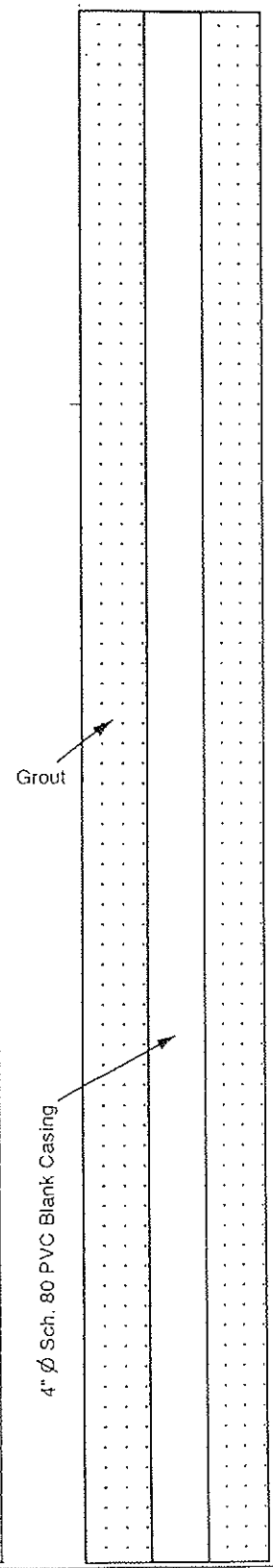
Revised by: Date:

Project: ARCO Service Station # 465

Boring Location: 151 Southgate Ave., Daly City, CA | Project No.: 50013-013-02

Log of Boring Monitoring Well: **MW-3D**

Sample Number	Blows/foot	PID (ppm)	Depth (feet)	USCS Symbol	LITHOLOGIC DESCRIPTION	Boring Abandonment/ Well Construction Details
		14	30		YELLOWISH BROWN SAND (SP), fine-to medium-grained, dense, dry to moist, moderate chemical odor	
			31–39			
			40		Grades with slight chemical odor	
		8	41–49			
			50			
		2	51–59		Grades with silt, moist, without chemical odor	
			60			
		0	61–63			



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Reviewed by: James J. Fletcher Date: 12-8-92

Project: ARCO Service Station # 465

Boring Location: 151 Southgate Ave., Daly City, CA

Project No.: 50013-013-02

Log of Boring Monitoring Well: **MW-3D**

Sample Number	Blows/foot	PID (ppm)	Depth (feet)	USCS Symbol	LITHOLOGIC DESCRIPTION	Boring Abandonment/ Well Construction Details
		0	63–96		Grades to SANDY SILT (ML), with clay, fine-to medium-grained, stiff, dry to moist, (0,35,55,10) YELLOWISH BROWN SAND (SP), fine-to medium-grained, dense, dry to moist, (0,100,0,0)	Grout 4" Ø Sch. 80 PVC Blank Casing

SEACOR

Reviewed by: Jane L. Ritchie Date: 12-8-92

Project: ARCO Service Station # 465

Boring Location: 151 Southgate Ave., Daly City, CA

Project No.: 50013-013-02

Log of Boring Monitoring Well: MW-3D

Sample Number	Blows/foot	PID (ppm)	Depth (feet)	USCS Symbol	LITHOLOGIC DESCRIPTION	Boring Abandonment/ Well Construction Details
			96–129		YELLOWISH BROWN SAND (SP), fine-to medium-grained, dense, dry to moist, (0,100,0,0)	Grout; 4" Ø Sch. 80 PVC Blank Casing

SEACOR

Reviewed by: Jane D Ritchie Date: 12-8-92

Project: ARCO Service Station # 465

Boring Location: 151 Southgate Ave., Daly City, CA | Project No.: 50013-013-02

Log of Boring Monitoring Well: **MW-3D**

Sample Number	Blows/foot	PID (ppm)	Depth (feet)	USCS Symbol	LITHOLOGIC DESCRIPTION	Boring Abandonment/ Well Construction Details
			129–162		YELLOWISH BROWN SAND (SP), fine-to medium-grained, dense, dry to moist, (0,100,0,0)	Grout; 4" Ø Sch. 80 PVC Blank Casing

SEACOR

Reviewed by: James D Ritchie Date: 12-8-92

Project: ARCO Service Station # 465

Boring Location: 151 Southgate Ave., Daly City, CA | Project No.: 50013-013-02

Log of Boring Monitoring Well: **MW-3D**

Sample Number	Blows/foot	PID (ppm)	Depth (feet)	USCS Symbol	LITHOLOGIC DESCRIPTION	Boring Abandonment/ Well Construction Details
			162–195		YELLOWISH BROWN SAND (SP), fine-to medium-grained, dense, dry to moist, (0,100,0,0)	Grout; 4" Ø Sch. 80 PVC Blank Casing
			190–195		BROWN CLAYEY SILT TO SILTY CLAY (ML/CL), with fine-to medium grained sand, stiff to hard, moist, (0,10,45,45)	



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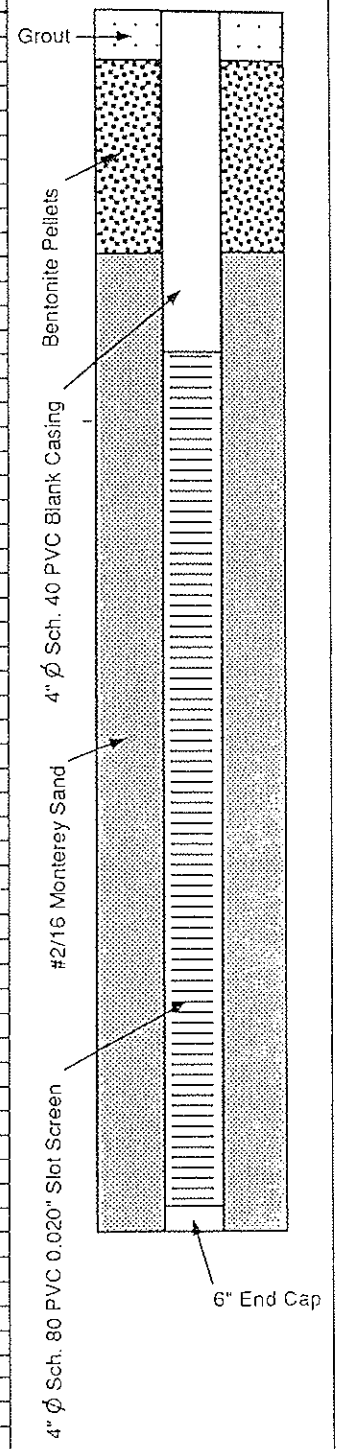
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Project: ARCO Service Station # 465

Boring Location: 151 Southgate Ave., Daly City, CA | Project No.: 50013-013-02

Log of Boring Monitoring Well: **MW-3D**

Sample Number	Blows/foot	PID (ppm)	Depth (feet)	USCS Symbol	LITHOLOGIC DESCRIPTION	Boring Abandonment/ Well Construction Details
			195–200		BROWN CLAYEY SILT TO SILTY CLAY (ML/CL), with fine-to medium grained sand, stiff to hard, moist, (0,10,45,45)	
			200–220		▽ YELLOWISH BROWN SAND (SP), fine-to medium-grained, dense, moist to wet, (0,100,0,0)	



NOTES:
Boring completed to a depth of 220.0 feet on 8/4/92.
Borehole advanced to 70' on 7/23/92 using air rotary drilling techniques, to 220' from 7/24/92 to 7/30/92 using air rotary with foam, and completed from 7/31/92 to 8/4/92 using mud rotary drilling techniques.
Groundwater monitoring well installed on 8/5/92 as follows:
4-inch diameter sch. 80 PVC 0.020 inch slot screen 220-205 feet;
4-inch diameter sch. 80 PVC blank casing 205 feet to surface;
Well centralizers installed at 20 foot intervals;
Monterey sand #2/16 220-200 feet;
Bentonite pellets 200-196 feet;
Cement/bentonite grout 196 feet-surface;
Morrison-traffic box at surface.

Percentage of soil types shown in this order:

(10,20,30,40)

Gravel, sand, silt, clay

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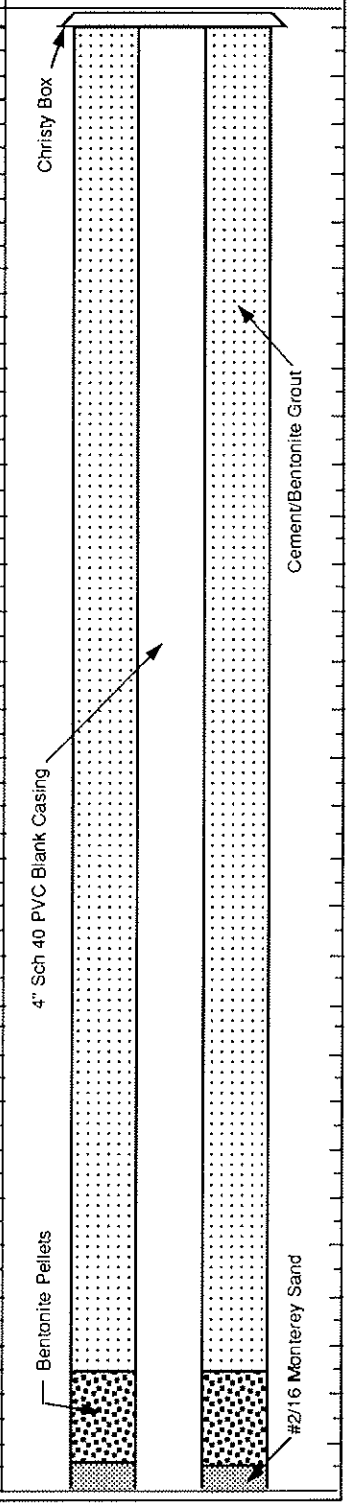
Reviewed by: James D Ritchie Date: 12-8-92

Project: **ARCO Service Station #465, 151 Southgate Ave., Daly City, CA**			Log of Boring/Monitoring Well: **MW-4** Page 1 of 3
Boring Location: **Northwest of MW-2**		Project No.: **50013-013-07**	
Subcontractor and Equipment:: Great Sierra Exploration CME 75		Logged By : K.N.H.	
Sampling Method: CA Split Spoon/Cont. Core	Monitoring Device: OVM 580B		Comments :
Start Date/ Time: 5/20/93 // 0815	Finish Date/ Time: 5/20/93 // 1500		
First Water (BGS) : 59.5 Feet	Stabilized Water Level (BGS) : 56.30		

Surface Elevation: 101.61' Casing Top Elevation: 101.03'

Sample Number	Blows/foot	PID (ppm)	Depth (feet)	USCS Symbol	LITHOLOGIC DESCRIPTION
			0		Asphalt/Baserock
			1		MODERATE YELLOWISH BROWN (10 YR 5/4) GRAVELLY SAND (SW), medium- to fine-grained, rounded gravel, loose, dry-moist, (45, 55, 0, 0)
MW-4-2	Hand Auger	43	2		MODERATE YELLOWISH BROWN (10 YR 5/4) SAND (SP), medium-grained, medium dense, dry-moist, (0, 100, 0, 0)
			3		
			4		
			5		
		>1,000	6		
			7		
			8		
			9		
MW-4-9.5	53	331	10		
			11		
			12		
	56		13		
			14		
			15		
MW-4-15.5	26	>1,000	16		
			17		
			18		
MW-4-18.5	102	199	19		grades grayish green (10 GY 5/2) with chemical odor, dense
			20		
			21		
	71		22		grades medium dense, without chemical odor
			23		
			24		
MW-4-24.5	125		25		grades dark yellowish brown (10 YR 4/2), dense
			26		
			27		
			28		
	83		29		
			30		

Boring Abandonment/ Well Construction Details



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Reviewed by: _____ Date: _____

Revised by: _____ Date: _____

Project: **ARCO Service Station #465, 151 Southgate Ave., Daly City, CA**

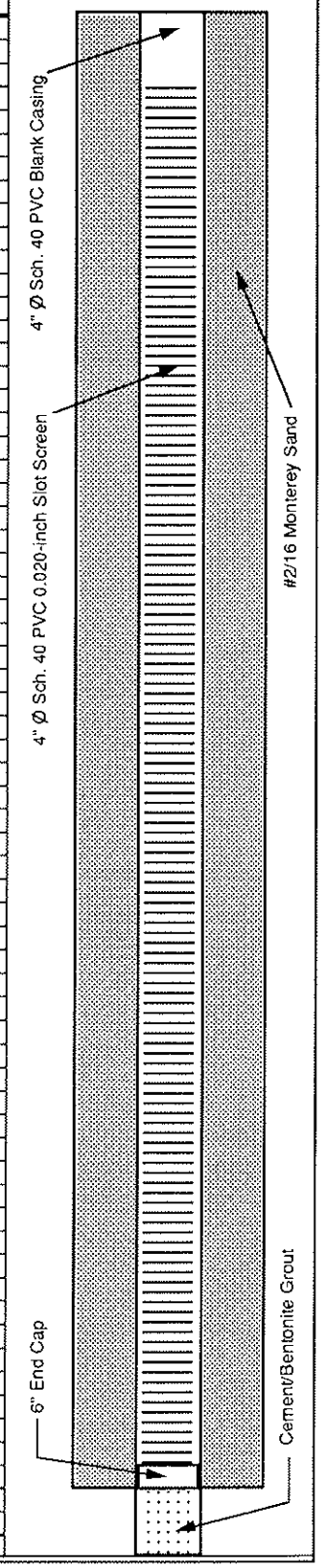
Log of Boring/Monitoring Well: **MW-4**

Boring Location: **Northwest of MW-2**

Project No.: **50013-013-07**

Sample Number	Blows/foot	PID (ppm)	Depth (feet)	USCS Symbol	LITHOLOGIC DESCRIPTION
			30		
			31		
MW-4-31.5	108	>1,000	32		grades olive gray (5 GY 4/1), with slight chemical odor
			33		
			34		
	92		35		grades without chemical odor
			36		
			37		
MW-4-37.5	88	314	38		
			39		
			40		
	63		41		
			42		
			43		
MW-4-43.5	95	333	44		grades very dense
			45		
			46		
	75		47		grades to dark yellowish brown (10 YR 4/2), dense
			48		
			49		
MW-4-49.5	90	22	50		
			51		
			52		
	82		53		
			54		
	72		55		
MW-4-55.5	163	>1,000	56		grades very dense
			57		
			58		
MW-4-59	—	51	59		grades moist
			60		
	—	2	61		grades moderate yellowish brown (10 YR 5/4), wet
MW-4-62			62		DUSKY YELLOWISH BROWN (10 YR 2/2) CLAYEY SILT (ML), trace fine-grained sand, stiff, dry to moist, low plasticity (0, 5, 65, 30)
MW-4-63	—	10	63		(See following page for description of this unit)

Boring Abandonment/ Well Construction Details



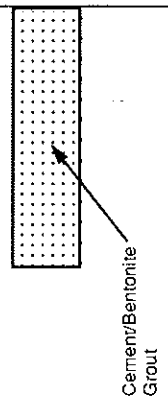
SEACOR

Reviewed by: _____ Date: _____

Revised by: _____ Date: _____

Project: ARCO Service Station #465, Southgate Ave. Daly City, CA		Log of Boring/Monitoring Well:	Page 3 of 3
Boring Location: Northwest of MW-2	Project No.: 50013-013-07	MW-4	

Sample Number	Blows/foot	PID (ppm)	Depth (feet)	USCS Symbol	LITHOLOGIC DESCRIPTION	Boring Abandonment/ Well Construction Details
			63			
			64		MEDIUM DARK GRAY (4N4) SANDY SILT (ML), trace clay, stiff to dry-moist, low plasticity (0, 30, 65, 5)	
			65			
MW-4-65.5	—	0	66			
			67			
MW-4-67	—	0	68		MODERATE YELLOWISH BROWN (10 YR 5/4) SAND (SP), medium-grained, medium dense, dry to moist (0, 100, 0, 0)	

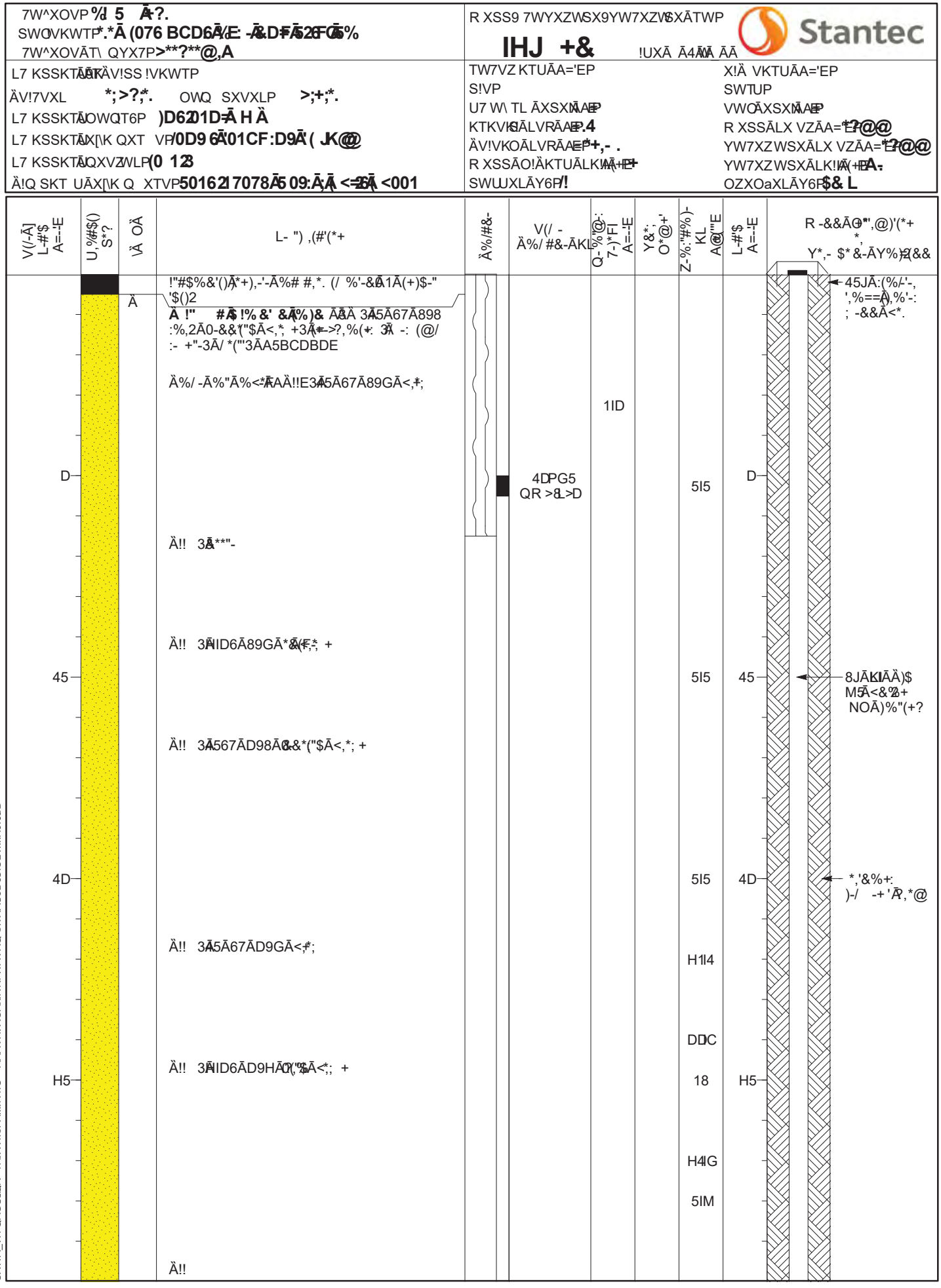


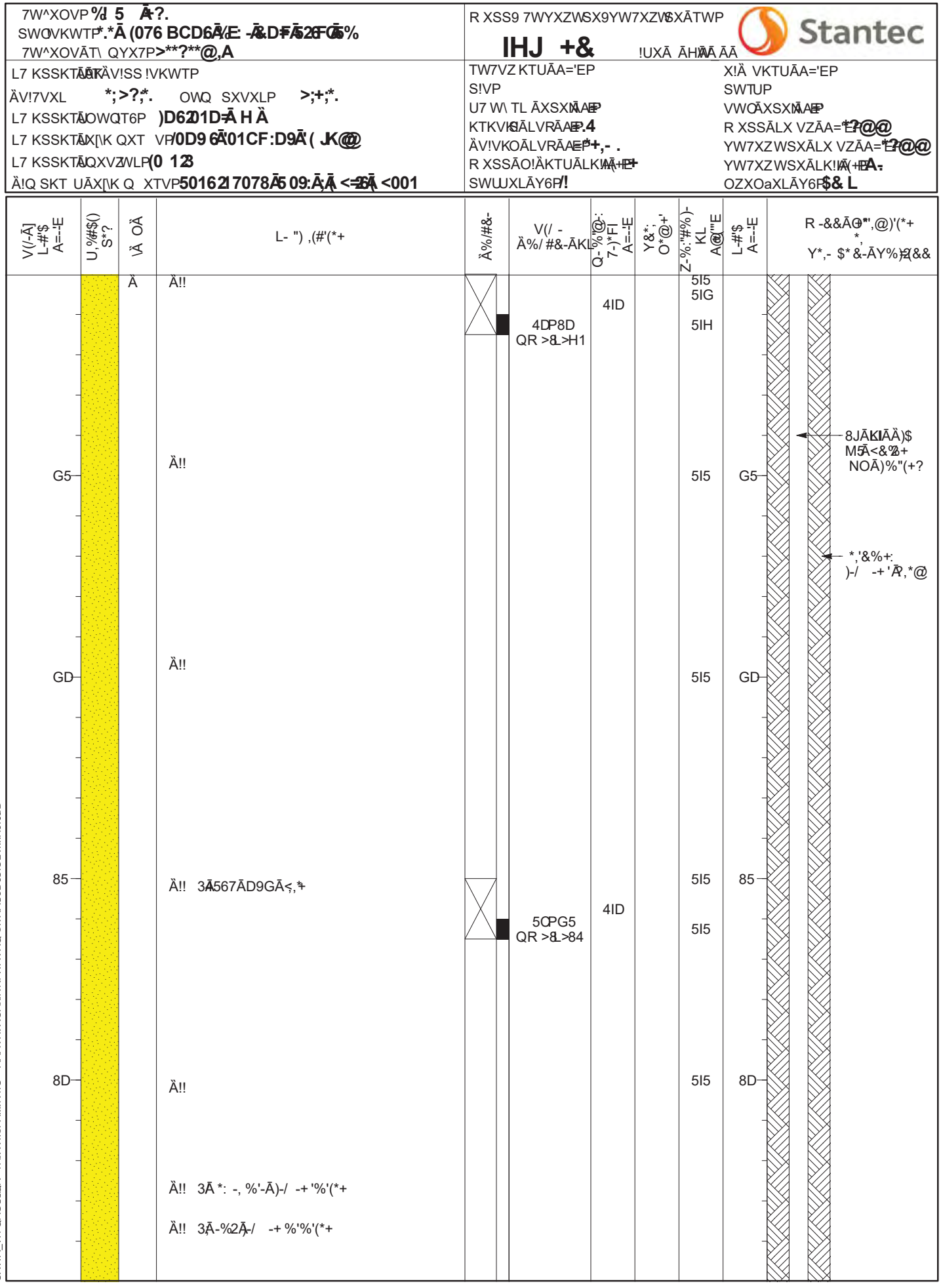
NOTES:
Boring advanced to a depth of 68 feet below ground surface on 5/20/93.
Borehole backfilled with cement/bentonite grout to 61.5 feet.
Monitoring well installed on 5/20/93 as follows:
4-inch Schedule 40 PVC with 0.02-inch slots and end cap 61.5 - 31.5 feet.
4-inch Schedule 40 PVC blank casing 31.5 feet to surface.
#2/16 Monterey Sand 61.5 - 29.5 feet.
Bentonite Pellets 29.5 -27.5 feet.
Cement/bentonite grout 27.5 feet to surface.
Christy Box at surface.

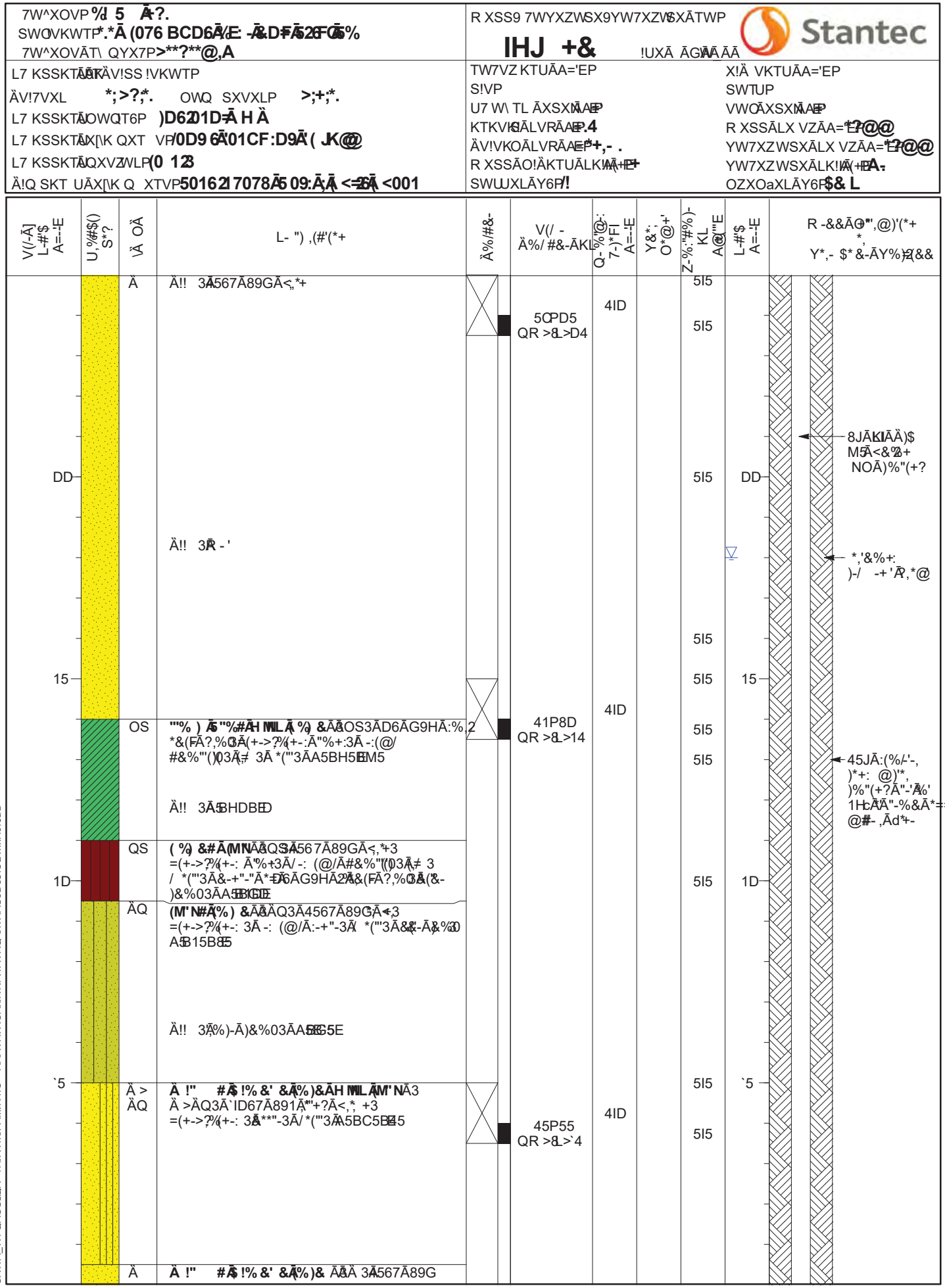
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Stantec
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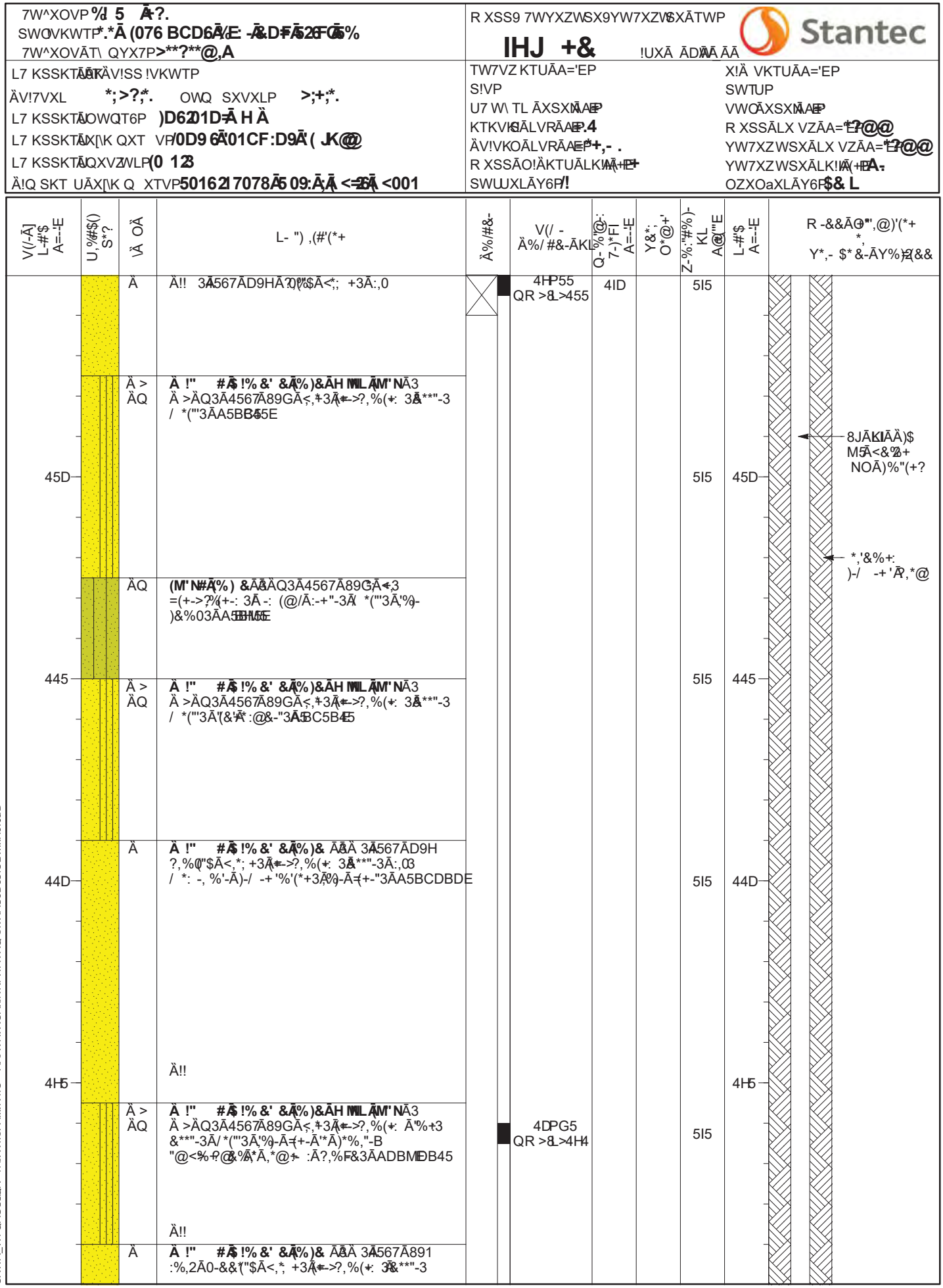
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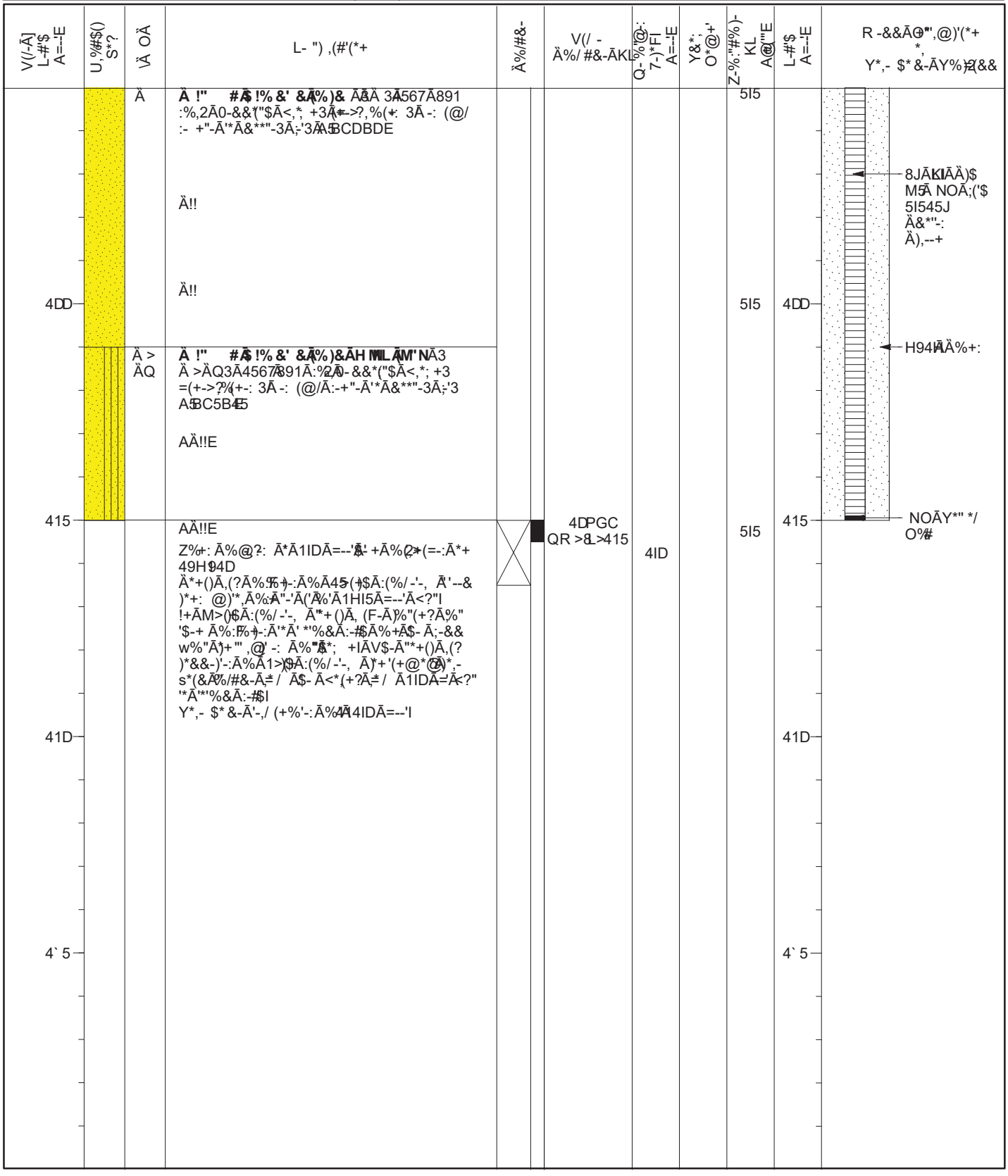
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SECOR

Logged By:	Date Drilled:	Drilling Contractor	Project Name:	Method/Equipment:	Well Number:
TM	11/30/01	Gregg Drilling	Arco # 0465 Daly City	Hollow Stem Auger Rhino Rig	MW-5

See "Soil Classification Chart" for USCS Soil Classifications	Boring Diam.(in.):	Surface Elev.(ft.):	Groundwater Elevation (ft.):	Total Depth (ft.):	Drive wt.(lbs.):	Drop Dist.(in.):
	10	104.37	▽ 46.87 First Water No Stabilized Water	60.0	140	30

Well Construction	Depth, (ft.)	Sample Recovery	Lithologic Description	PID (ppm)
Traffic rated well vault			DARK YELLOWISH BROWN (10 YR 4/6) SILTY SAND (SM), fine- to medium-grained sand, poorly graded, loose, moist (0, 75, 25, 0)	
	5		Hand auger to 5'	20.4
			As above	
4" Sch. 40 PVC Blank	10			54.7
Cement Grout	15		Grades to OLIVE (5 Y 4/3) with increasing silt (0, 70, 30, 0)	84.1
	20		Grades with increasing silt (0, 60, 40, 0)	149.5

The substrata descriptions above are generalized representations and based upon visual/manual classification of cuttings and/or samples obtained during drilling. Predominant material types shown on the log may contain different materials and the change from one predominant material type to another could be different than indicated. Descriptions on this log apply only at the specific location at the time of drilling and may not be representative of subsurface conditions at other locations or times.

CERTIFIED ENGINEERING GEOLOGIST
STEVEN R. STRAIT
NO. CEG 1624
Exp. 2/04
STATE OF CALIFORNIA

Project No. 06BP.03962.00.0041 Date 11/30/01

Log of Well: MW-5

Approved by

Figure (sheet 1 of 3)

11-30-01.GPJ
LOG OF BOREHOLE

SECOR

Logged By:	Date Drilled:	Drilling Contractor	Project Name:	Method/Equipment:	Well Number:
TM	11/30/01	Gregg Drilling	Arco # 0465 Daly City	Hollow Stem Auger Rhino Rig	MW-5

See "Soil Classification Chart" for USCS Soil Classifications	Boring Diam.(in.):	Surface Elev.(ft.):	Groundwater Elevation (ft.):	Total Depth (ft.):	Drive wt.(lbs.):	Drop Dist.(in.):
	10	104.37	▽ 46.87 First Water No Stabilized Water	60.0	140	30

Well Construction	Depth, (ft.)	Sample Recovery	Lithologic Description	PID (ppm)
			DARK YELLOWISH BROWN (10 YR 4/4) SILTY SAND (SM), fine- to medium-grained sand, poorly graded, loose, moist (0, 70, 30, 0)	45.4
4" Sch. 40 PVC Blank				
Cement Grout	30		As above, increasing silt (0, 60, 40, 0)	41.6
	35		As above, increasing sand (0, 75, 25, 0)	17.2
Bentonite Seal				
	40		As above	12.2
#2/12 Sand				
4" Sch. 40 0.020" Slotted PVC Screen	45		As above, orange mottling	11
				5.6
				25.2

The substrata descriptions above are generalized representations and based upon visual/manual classification of cuttings and/or samples obtained during drilling. Predominant material types shown on the log may contain different materials and the change from one predominant material type to another could be different than indicated. Descriptions on this log apply only at the specific location at the time of drilling and may not be representative of subsurface conditions at other locations or times.

Project No. 06BP.03962.00.0041 Date 11/30/01

11-30-01.GPJ
LOG OF BOREHOLE

CERTIFIED ENGINEERING GEOLOGIST
STEVEN R. STRAIT
NO. CEG 1624
Exp. 2/04
STATE OF CALIFORNIA

Log of Well: MW-5

Approved by

Figure (sheet 2 of 3)

SECOR

Logged By:	Date Drilled:	Drilling Contractor	Project Name:	Method/Equipment:	Well Number:
TM	11/30/01	Gregg Drilling	Arco # 0465 Daly City	Hollow Stem Auger Rhino Rig	MW-5

See "Soil Classification Chart" for USCS Soil Classifications	Boring Diam.(in.):	Surface Elev.(ft.):	Groundwater Elevation (ft.):	Total Depth (ft.):	Drive wt.(lbs.):	Drop Dist.(in.):
	10	104.37	▼ 46.87 First Water No Stabilized Water	60.0	140	30

Well Construction	Depth, (ft.)	Sample Recovery	Lithologic Description	PID (ppm)
			Grades with increasing silt, orange mottling (0, 60, 40, 0)	111.3
4" Sch. 40 0.020" Slotted PVC Screen				10.2
	55			14.7
#2/12 Sand				13.3
▼			Grades wet, increasing silt and plasticity (0, 55, 45, 0)	
			DARK GRAYISH BROWN (10 YR 4/2) SILTY CLAY (CL) with fine sand, low plasticity, stiff, wet, 4.0 tons/ft^2 (0, 15, 40, 45)	64.4
End Cap	60		Bottom of boring @ 60 feet below ground surface	
				23.7
	65			
	70			

The substrata descriptions above are generalized representations and based upon visual/manual classification of cuttings and/or samples obtained during drilling. Predominant material types shown on the log may contain different materials and the change from one predominant material type to another could be different than indicated. Descriptions on this log apply only at the specific location at the time of drilling and may not be representative of subsurface conditions at other locations or times.

Project No. 06BP.03962.00.0041 Date 11/30/01

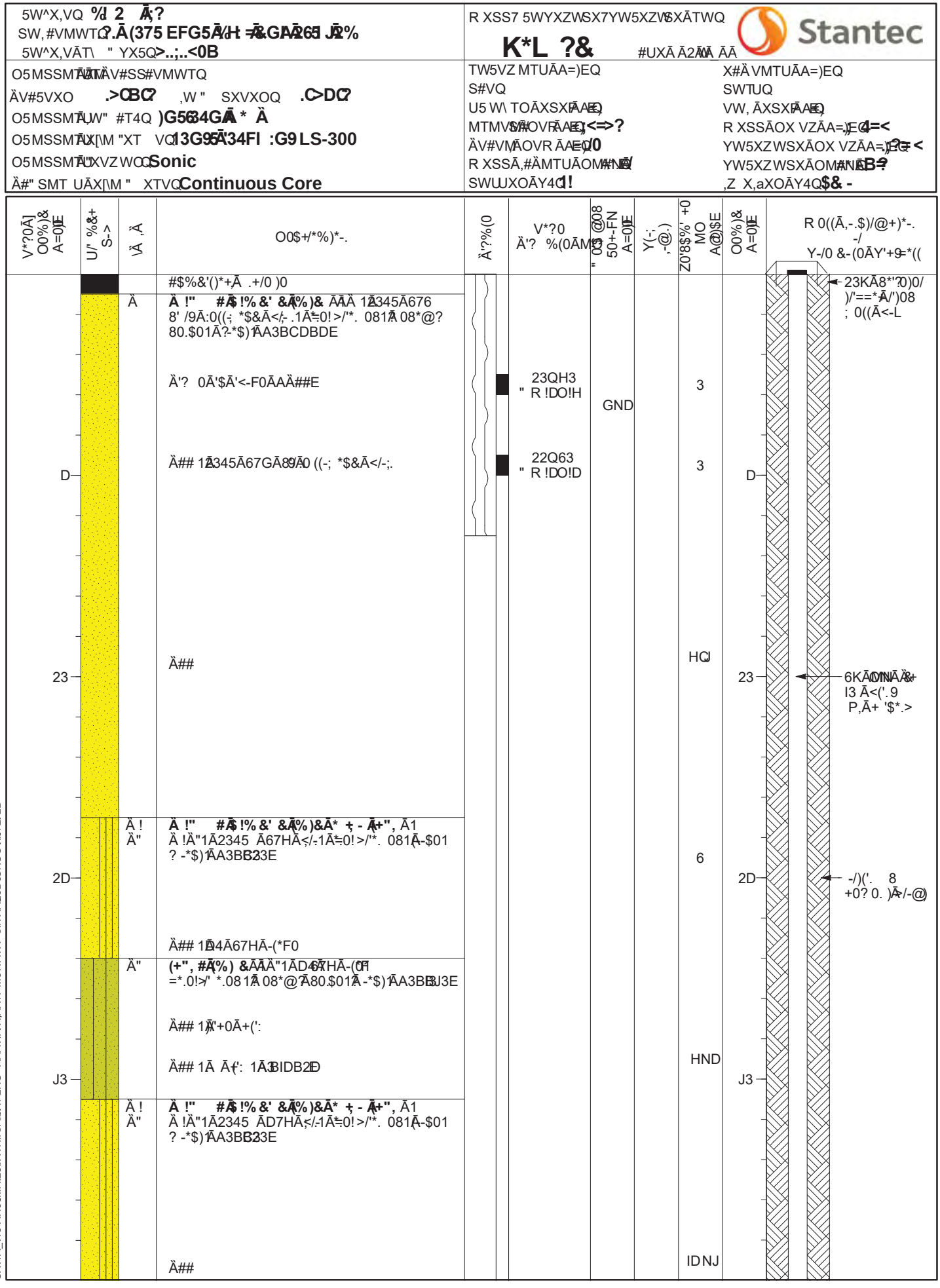
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LOG OF BOREHOLE

CERTIFIED ENGINEERING GEOLOGIST
STEVEN R. STRAIT
NO. CEG 1624
Exp. 2/04
STATE OF CALIFORNIA

Log of Well: MW-5

Approved by

Figure (sheet 3 of 3)


Stantec
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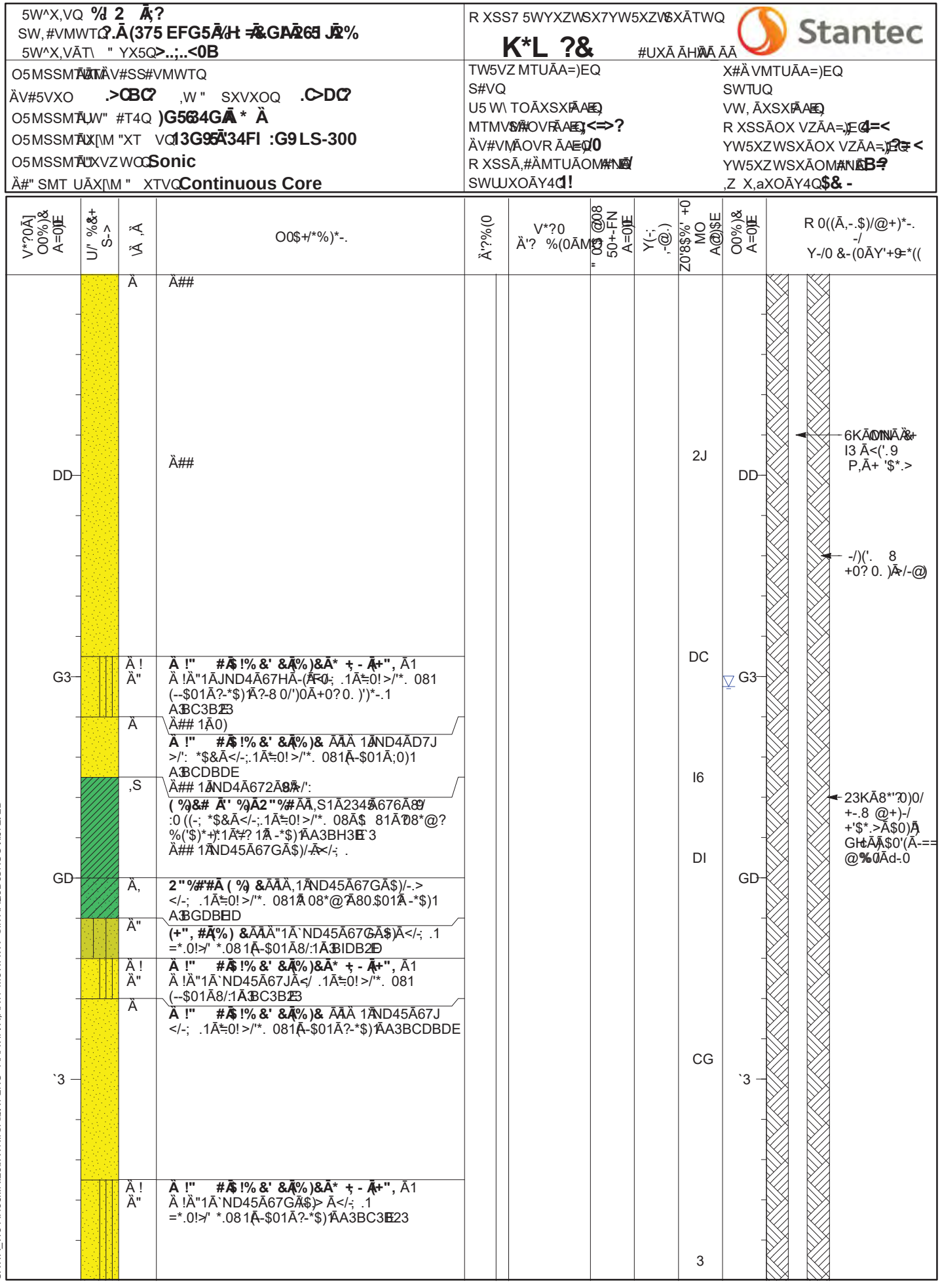
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		À	**À !" #Ā !% &' &Ā%)& ĀĀÀ 1Ā345Ā67H** </-; .1Ā=0! >/'*. 081Ā-$01Ā?-*$)1ĀA3BCDBDE					3	CD	
			À##					3		

UXWĀ_W5"ĀH36ĀRI25bXVN#SĀ1ĀX P2NU ^ĀĀÀV#TX,ĀXTPM5WĀVX" S#ĀXĀ33D3CNUOVĀ7272D

5W^X,VQ %d 2 Ā?
SW,#VMWTQ ?.Ā(375 EFG5Ā/d-t =Ā&GĀ26 J2%
5W^X,VĀT\ " YX5Q >..;..<0B

R XSS7 5WYXZWSX7YW5XZWSXĀTWQ

K*L ?&

#UXĀ ĀDŴĀ ĀĀ

Stantec

O5MSSMTĀXTWĀV#SS#VMWTQ
ÀV#5VXO .>CBC?
O5MSSMTĀU,W" #T4Q)G56G4GĀ * À
O5MSSMTĀX[\M "XT VQ13G95Ā34FI :G9 LS-300
O5MSSMTĀ"XVZWQQ Sonic
À#" SMT UĀX[\M " XTVQ Continuous Core

TW5VZ MTUĀA=)EQ
S#VQ
U5 W\ TOĀXSXĀAE,
MTMVSĀOVRĀAE,<=>?
ÀV#VMĀOVR ĀAE,/0
R XSSĀ,#ÀMTUĀOMĀNĀ/
SWUXOĀY4Q 1!

X#À VMTUĀA=)EQ
SWTUQ
VW, ĀXSXĀAE,
R XSSĀOX VZĀA=,E,1=<
YW5XZWSXĀOX VZĀA=,E,?=<
YW5XZWSXĀOMĀNĀB?
,Z X,aXOĀY4Q $& -

V*?0Ā] O0%)& A=0E	U/' %&+ S->	\À .Ā	O0$+/*%)*-.	Ā'?%(0	V*?0 Ā'? %(0ĀM	@08 50+-FN A=0E	Y(-; ,-@.)	Z0'8$%' +0 MO A@)$E	O0%)& A=0E	R 0((Ā,-.$)/@+)*-. -/ Y-/0 &-(0ĀY'+9=*((
		À	À## 1Ā2345ĀD76Ā1(0-; *$&Ā</-;.							
23D		À"	(+", #Ā(%) &ĀĀÀ"1Ā`ND45Ā67GĀ$)Ā</-; .1 =*.0!>/' *.081Ā08*@ĀĀ80.$01Ā-*$)ĀA3BĀ3J3E					3	23D	6KĀ0NĀÀ&+ I3 Ā<('.9 P,Ā+ '$*.>
223			À## 1Ā-? 0Ā+(':ĀAĀ`3BHĀ					3	223	-/)('. 8 +0? 0.)Ā/-@)
			À## 1Ā'+0Ā+(':ĀAĀ`DBJĀ							
22D			À## 1Ā1BIDB2Ā					3	22D	
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2J3		À	À !" #Ā!%&' &Ā(%)& ĀĀÀ 1Ā345ĀD7H </-; .1Ā=0! >/'*. 081Ā-$01Ā?-*$)ĀA3BCDBDE					3	2J3	
		À"	(+", #Ā(%) &ĀĀÀ"1Ā2345Ā67HĀ</1 =*.0!>/' *.081Ā08*@ĀĀ80.$01Ā-*$)ĀA3BĀ2DE							
		À	À !" #Ā!%&' &Ā(%)& ĀĀÀ 1Ā345ĀD7H </-; .1Ā=0! >/'*. 081Ā-$01Ā?-*$)ĀA3BCDBDE					3		

UXWĀ_W5"ĀH36ĀRI25bXVN#SĀ1ĀXP2NU ^ĀĀÀV#TX.ĀXTPM5WĀVX" S#VXĀ23D3CNUOVĀ7272D

5W^X,VQ %d 2 Ā;?
SW,#VMWTQ ?.Ā(375 EFG5Ā/H =Ā&GĀ26 J2%
5W^X,VĀT\ " YX5Q >..;..<0B

R XSS7 5WYXZWSX7YW5XZWSXĀTWQ

K*L ?&

#UXĀ ĀGWĀĀĀĀ

Stantec

O5MSSMTĀXTWĀV#SS#VMWTQ
ĀV#5VXO .>CBC?
O5MSSMTĀW" #T4Q)G56G4GĀ * À
O5MSSMTĀX[\M "XT VQ 13G95Ā'34FI :G9 LS-300
O5MSSMTĀ"XVZWQQ Sonic
Ā#" SMT UĀX[\M " XTVQ Continuous Core

TW5VZ MTUĀA=)EQ
S#VQ
U5 W\ TOĀXSXĀAE)
MTMVSĀOVĀAE)<=>?
ĀV#VMĀOVR ĀAE)0
R XSSĀ,#ÀMTUĀOMĀNĀ/
SWUXOĀY4Q 1!

X#À VMTUĀA=)EQ
SWTUQ
VW, ĀXSXĀAE)
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V*?0Ā] O0%)& A=0E	U/' %&+ S->	\À .Ā	O0$+/*%)*-.	Ā'?%(0	V*?0 Ā'? %(0ĀM	@08 50+-FN A=0E	Y(-; -@.)	Z0'8$%' +0 MO A@)$E	O0%)& A=0E	R 0((Ā,-.$)/@+)*-. -/ Y-/0 &-(0ĀY'+9=*((
2H3		À ! À"	**À !" #Ā!%&' &Ā(%)&Ā* +; - Ā+",** Ā1 À !Ā"1Ā2345 ĀD7HĀ;</-1Ā=0! >/'*. 081Ā-$01 ? -*$)1Ā?-8 0/')0Ā+0? 0.)')*-.1ĀA3BC3BE23					3	2H3	6KĀ0MNĀĀ&+ I3 Ā<('.9 P,Ā+ '$*.>
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263		À	**À !" #Ā!%&' &Ā(%)&** ĀĀÀ 1Ā345ĀD7H </-; .1Ā=0! >/'*. 081Ā-$01Ā?-*$)1ĀA3BCDBDE					2	263	Y0.)-. *)0 ,& *%$
26D			À##					3	26D	6KĀ0MNĀĀ&+ I3 Ā P,Ā; *)& 3N32K Ā(-))08 À+/00.
			À## 1Ā0)					3		J72JĀĀ'.8

UXWĀ_W5"ĀH36ĀRI25bXVN#SĀIĀX P2NU ^ĀĀĀV#TX.ĀXTPM5WĀVX" S#VXĀ23D3CNUOVĀ72D

R XSS7 5WYXZWSX7YW5XZWSXĀTWQ

K*L ?& #UXĀ Ā`ĀĀ\ ĀĀ

Stantec

O5MSSMTĀXTĀV#SS#VMWTQ
ĀV#5VXO .>CBC? ,W " SXVXOQ .C>DC?
O5MSSMTĀU\W" #T4Q)G56 4GĀ * À
O5MSSMTĀX[\M "XT VQ 13G9 5Ā'34FI :G9 LS-300
O5MSSMTĀ"XVZWOQ Sonic
À#" SMT UĀX[\M " XTVQ Continuous Core

TW5VZ MTUĀA=)EQ
S#VQ
U5 W\ TOĀXSXĀAE€Q
MTMVSĀOVĀAE€Q <=>?
ĀV#VMĀOVR ĀAE€Q /0
R XSSĀ,#ÀMTUĀOMĀNĀ/
SWUXOĀY4Q 1!

X#À VMTUĀA=)EQ
SWTUQ
VW, ĀXSXĀAE€Q
R XSSĀOX VZĀA=)EQ 4=<
YW5XZWSXĀOX VZĀA=)EQ ?=<
YW5XZWSXĀOMĀNĀ B?
,Z X,aXOĀY4Q $& -

V*?0Ā] O0%)& A=0ŒE	U/' %&+ S->	\À .Ā	O0$+/*%)*-.	Ā'?%(0	V*?0 Ā'? %(0ĀM	@08 50+-FN A=0ŒE	Y(-; -@.)	Z0'8$%' +0 MO A@)$E	O0%)& A=0ŒE	R 0((Ā,-.$)/@+)*-. -/ Y-/0 &-(0ĀY'+9=*((
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2DD		À"	**(+", #Ā(%) &ĀĀÀ"1Ā2345Ā67HĀ<-1** =*.0!>/' *.08 1Ā-$01Ā;0)1Ā3BIDB2E À## 1Ā3BI3BJ3E					3	2DD	6KĀ0NĀÀ&+ I3 Ā P,Ā; *)& 3N32K À(-))08 À+/00.
2G3		À,	**2"%#'#Ā (%) &ĀĀÀ,1Ā345Ā67HĀ<-1** =*.0!>/' *.08 1Ā 08*@Ā80.$01Ā0)1Ā'+0Ā$*(') A3BI3BJ3E À##					3	2G3	J72JĀÀ'.8
2GD			Z' .8 Ā'@9/08Ā-ĀGNDĀ=0Ā)'*/! 9.*=08Ā-. 2J7I726N Ā-.*+Ā/*>Ā'8F. +08Ā'Ā28*. +&Ā8*'?0)0/Ā$00(+-.8 @+)-/Ā'.8Ā$0)ĀĀGHN3Ā=00)Ā<>$N #.ĀI!*. +&Ā8*'?0)0/Ā$. *+Ā/*F0Ā+$*.>Ā; '$)&0.Ā'8F. +08Ā)-Ā)'(Ā80%)&Ā'.8Ā&0Ā;0((w'$Ā+-. $)(@+)08Ā'$Ā&-; .NĀV&0Ā$-.*+Ā/*> +-((0+)08Ā'ĀG!+&Ā8*'?0)0/Ā+.)*.@-(ĀĀ-/0 s-*(Ā$?%(0Ā= ? Ā&0Ā<-/*.>Ā= ? ĀGNDĀ)Ā<>$)-Ā})'(Ā80%)&N Y-/0 &-(0Ā)0/?*.')08 Ā')Ā2GDĀ=00)N					3	2GD	Y-))-? Ā,'%
2` 3									2` 3	

UXWĀ_W5"ĀH36ĀRI25bXVN#SĀIĀX P2NU ^ĀĀÀV#TX,ĀXTPM5WĀVX" S#VXĀ23D3CNUOVĀ7272D

SECOR

Logged By:	Date Drilled:	Drilling Contractor	Project Name:	Method/Equipment:	Well Number:
TM	11/30/01	Gregg Drilling	Arco # 0465 Daly City	Hollow Stem Auger Rhino Rig	MW-6

See "Soil Classification Chart" for USCS Soil Classifications	Boring Diam.(in.):	Surface Elev.(ft.):	Groundwater Elevation (ft.):	Total Depth (ft.):	Drive wt.(lbs.):	Drop Dist.(in.):
	10	103.52	▽ 47.02 First Water ▼ 45.71 Stabilized Water	60.0	140	30

Well Construction	Depth, (ft.)	Sample Recovery	Lithologic Description	PID (ppm)
Traffic rated well vault			OLIVE BROWN (2.5 Y 4/4) SILTY SAND (SM), fine- to medium-grained sand, poorly graded, moist (0, 75, 25, 0)	
	5		Hand auger to 5'	21.2
4" Sch. 40 PVC Blank	10		Grades DARK OLIVE GRAY (5 Y 3/2), petroleum odor	38.9
Grout	15		OLIVE BROWN (2.5 Y 4/4) SILTY SAND (SM), fine- to medium-grained sand, moist (0, 65, 35, 0)	65.5
	20		*As above*	149.2

The substrata descriptions above are generalized representations and based upon visual/manual classification of cuttings and/or samples obtained during drilling. Predominant material types shown on the log may contain different materials and the change from one predominant material type to another could be different than indicated. Descriptions on this log apply only at the specific location at the time of drilling and may not be representative of subsurface conditions at other locations or times.

Project No. 06BP.03962.00.0041 Date 11/30/01

11-30-01.GPJ
LOG OF BOREHOLE

CERTIFIED ENGINEERING GEOLOGIST
STEVEN R. STRAIT
NO. CEG 1624
Exp. 8/04
STATE OF CALIFORNIA

Log of Well: MW-6

Approved by

Figure (sheet 1 of 3)

SECOR

Logged By:	Date Drilled:	Drilling Contractor	Project Name:	Method/Equipment:	Well Number:
TM	11/30/01	Gregg Drilling	Arco # 0465 Daly City	Hollow Stem Auger Rhino Rig	MW-6

See "Soil Classification Chart" for USCS Soil Classifications	Boring Diam.(in.):	Surface Elev.(ft.):	Groundwater Elevation (ft.):	Total Depth (ft.):	Drive wt.(lbs.):	Drop Dist.(in.):
	10	103.52	▽ 47.02 First Water ▼ 45.71 Stabilized Water	60.0	140	30

Well Construction	Depth, (ft.)	Sample Recovery	Lithologic Description	PID (ppm)
			As above, petroleum odor	57.4
4" Sch. 40 PVC Blank	30		As above	14
Grout				
Bentonite Seal	35		As above, orange mottling	
				35.9
				23.8
#2/12 Sand	40			10.7
				21.9
4" Sch. 40 0.020" PVC Screen				27.7
	45			53.2
				27.2
				12.9

The substrata descriptions above are generalized representations and based upon visual/manual classification of cuttings and/or samples obtained during drilling. Predominant material types shown on the log may contain different materials and the change from one predominant material type to another could be different than indicated. Descriptions on this log apply only at the specific location at the time of drilling and may not be representative of subsurface conditions at other locations or times.

Project No. 06BP.03962.00.0041 Date 11/30/01

11-30-01.GPJ
LOG OF BOREHOLE

CERTIFIED ENGINEERING GEOLOGIST
STEVEN R. STRAIT
NO. CEG 1624
Exp. 2/04
STATE OF CALIFORNIA

Log of Well: MW-6

Approved by

Figure (sheet 2 of 3)

SECOR

Logged By:	Date Drilled:	Drilling Contractor	Project Name:	Method/Equipment:	Well Number:
TM	11/30/01	Gregg Drilling	Arco # 0465 Daly City	Hollow Stem Auger Rhino Rig	MW-6

See "Soil Classification Chart" for USCS Soil Classifications	Boring Diam.(in.):	Surface Elev.(ft.):	Groundwater Elevation (ft.):	Total Depth (ft.):	Drive wt.(lbs.):	Drop Dist.(in.):
	10	103.52	▽ 47.02 First Water ▼ 45.71 Stabilized Water	60.0	140	30

Well Construction	Depth, (ft.)	Sample Recovery	Lithologic Description	PID (ppm)
#2/12 Sand				21.9
				8
4" Sch. 40 0.020" PVC Screen				11.1
	55		OLIVE BROWN (2.5 Y 4/4) SILTY SAND (SM), fine-grained sand, very moist, 5.0 tons/ft² (0, 60, 40, 0)	8.4
			Grades wet	4.4
			DARK GRAYISH BROWN (10 YR 4/2) SILTY CLAY (CL) with fine sand, low plasticity, stiff, wet (0, 15, 40, 45)	
End Cap	60		Bottom of boring @ 60 feet below ground surface	
	65			
	70			

The substrata descriptions above are generalized representations and based upon visual/manual classification of cuttings and/or samples obtained during drilling. Predominant material types shown on the log may contain different materials and the change from one predominant material type to another could be different than indicated. Descriptions on this log apply only at the specific location at the time of drilling and may not be representative of subsurface conditions at other locations or times.

Project No. 06BP.03962.00.0041 Date 11/30/01

11-30-01.GPJ
LOG OF BOREHOLE

CERTIFIED ENGINEERING GEOLOGIST
STEVEN R. STRAIT
NO. CEG 1624
Exp. 2/04
STATE OF CALIFORNIA

Log of Well: MW-6

Approved by

Figure (sheet 3 of 3)

PROJECT: **ARCO 465**
LOCATION: **151 Southgate Ave. Daly City, CA**
PROJECT NUMBER: **211611098**

WELL/PROBEHOLE/BOREHOLE NO: **MW-6D** PAGE 1 OF 7

Stantec

DRILLING / INSTALLATION:
STARTED **12/10/14** COMPLETED: **2/3/15**
DRILLING COMPANY: **National EWP**
DRILLING EQUIPMENT: **Boart Longyear LS-300**
DRILLING METHOD: **Sonic**
SAMPLING EQUIPMENT: **Continuous Core / Split Spoon**

NORTHING (ft):
LAT:
GROUND ELEV (ft):
INITIAL DTW (ft): **145**
STATIC DTW (ft): **155.7**
WELL CASING DIA. (in): **4**
LOGGED BY: **BR**

EASTING (ft):
LONG:
TOC ELEV (ft):
WELL DEPTH (ft): **166.0**
BOREHOLE DEPTH (ft): **167.0**
BOREHOLE DIA. (in): **8.5**
CHECKED BY: **GDH**

Time & Depth (feet)	Graphic Log	USCS	Description	Sample	Time Sample ID	Measured Recov. (feet)	Blow Count	Headspace PID (units)	Depth (feet)	Well Construction or Borehole Backfill
			Asphaltic concrete approximately 4 inches thick, 7 inches fill							10" diameter traffic rated well box
		SP	**POORLY GRADED SAND** ; SP; 7.5YR 4/4 brown; fine-grained; medium dense; moist; (0,95,5)							
			Same as above (SAA)			6.5		0.0		
5			SAA; 10YR 4/3 brown					0.0	5	
10			SAA; 10YR 4/3 brown; loose; trace fines					0.0	10	4" I.D. Sch 80 blank PVC casing
15			SAA					0.0	15	Portland cement grout
		SP-SM	**POORLY GRADED SAND WITH SILT** ; SP-SM; 2.5Y 5/3 light olive brown; fine-grained; loose; moist; (0,90,10)							
		SM	**SILTY SAND** ; SM; 2.5Y 5/5 light olive brown; fine-grained; medium dense; moist; trace clay; (0,80,20)							
20		SP	**POORLY GRADED SAND** ; SP; 2.5Y 5/3 light olive brown; fine-grained; loose; moist; trace fines; (0,95,5)					0	20	
			SAA							

GEO FORM 304 MW-1R_ET.AL - REV1.GPJ STANTEC ENVIRO TEMPLATE 010509.GDT 2/24/15

PROJECT: **ARCO 465**
LOCATION: **151 Southgate Ave. Daly City, CA**
PROJECT NUMBER: **211611098**

WELL/PROBEHOLE/BOREHOLE NO: **MW-6D** PAGE 2 OF 7

Stantec

DRILLING / INSTALLATION:
STARTED **12/10/14** COMPLETED: **2/3/15**
DRILLING COMPANY: **National EWP**
DRILLING EQUIPMENT: **Boart Longyear LS-300**
DRILLING METHOD: **Sonic**
SAMPLING EQUIPMENT: **Continuous Core / Split Spoon**

NORTHING (ft):
LAT:
GROUND ELEV (ft):
INITIAL DTW (ft): **145**
STATIC DTW (ft): **155.7**
WELL CASING DIA. (in): **4**
LOGGED BY: **BR**

EASTING (ft):
LONG:
TOC ELEV (ft):
WELL DEPTH (ft): **166.0**
BOREHOLE DEPTH (ft): **167.0**
BOREHOLE DIA. (in): **8.5**
CHECKED BY: **GDH**

Time & Depth (feet)	Graphic Log	USCS	Description	Sample	Time Sample ID	Measured Recov. (feet)	Blow Count	Headspace PID (units)	Depth (feet)	Well Construction or Borehole Backfill
		SP	SAA					1.0		
			SAA							4" I.D. Sch 80 blank PVC casing
30								1.0	30	
										Portland cement grout
35		SP-SM	**POORLY GRADED SAND WITH SILT** ; SP-SM; 2.5Y 5/2 grayish brown; fine-grained; loose; moist; moderate cementation; (0,90,10)					0.0	35	
40			SAA					0.0	40	
		SP	**POORLY GRADED SAND** ; SP; 2.5Y 5/3 light olive brown; fine-grained; loose; moist; (0,100,0)							
		SP-SM	**POORLY GRADED SAND WITH SILT** ; SP-SM; 2.5Y 5/2 grayish brown; fine-grained; loose; moist; moderate cementation; (0,90,10)							
		SP	**POORLY GRADED SAND** ; SP; 2.5Y 5/3 light olive brown; fine-grained; loose; moist; (0,100,0)							
45								0.0	45	
			SAA							
			POORLY GRADED SAND WITH SILT ;							

PROJECT: **ARCO 465**
LOCATION: **151 Southgate Ave. Daly City, CA**
PROJECT NUMBER: **211611098**

WELL/PROBEHOLE/BOREHOLE NO: **MW-6D** PAGE 3 OF 7

Stantec

DRILLING / INSTALLATION:
STARTED **12/10/14** COMPLETED: **2/3/15**
DRILLING COMPANY: **National EWP**
DRILLING EQUIPMENT: **Boart Longyear LS-300**
DRILLING METHOD: **Sonic**
SAMPLING EQUIPMENT: **Continuous Core / Split Spoon**

NORTHING (ft):
LAT:
GROUND ELEV (ft):
INITIAL DTW (ft): **145**
STATIC DTW (ft): **155.7**
WELL CASING DIA. (in): **4**
LOGGED BY: **BR**

EASTING (ft):
LONG:
TOC ELEV (ft):
WELL DEPTH (ft): **166.0**
BOREHOLE DEPTH (ft): **167.0**
BOREHOLE DIA. (in): **8.5**
CHECKED BY: **GDH**

Time & Depth (feet)	Graphic Log	USCS	Description	Sample	Time Sample ID	Measured Recov. (feet)	Blow Count	Headspace PID (units)	Depth (feet)	Well Construction or Borehole Backfill
		SP-SM	SP-SM; 2.5Y 4/3 olive brown; fine-grained; loose; dry; moderate cementation; (0,90,10)					0.0		
		SP	**POORLY GRADED SAND** ; SP; 2.5Y 5/3 light olive brown; fine-grained; loose; moist; trace fines; (0,95,5)							
55		SP-SM	**POORLY GRADED SAND WITH SILT** ; SP-SM; 2.5Y 5/2 grayish brown; fine-grained; loose; dry; moderate cementation; (0,90,10)					0.0	55	4" I.D. Sch 80 blank PVC casing
		SP	**POORLY GRADED SAND** ; SP; 2.5Y 4/3 olive brown; fine-grained; loose; moist; trace fines; (0,95,5)							Portland cement grout
		SP-SM	**POORLY GRADED SAND WITH SILT** ; SP-SM; 2.5Y 5/2 grayish brown; fine-grained; loose; dry; moderate cementation; (0,90,10)							
60		SP	**POORLY GRADED SAND** ; SP; 2.5Y 5/3 olive brown; fine-grained; loose; moist; trace fines; (0,95,5)					1.0	60	
65		CL	**SANDY LEAN CLAY** ; CL; 10YR 5/4 yellowish brown; medium plasticity; hard; moist; fine sand; (0,30,70) **LEAN CLAY** ; SAA; little sand fine; (0,10,90) SAA; (7.5YR 5/6) strong brown					0.0	65	10" diameter conductor casing set at 67' to seal off upper zone
70		SM	**SILTY SAND** ; SM; 10YR 4/3 brown; fine-grained; medium dense; moist; little clay; (0,70,30) SAA; trace clay; (0,85,15)					0.0	70	

PROJECT: **ARCO 465**
LOCATION: **151 Southgate Ave. Daly City, CA**
PROJECT NUMBER: **211611098**

WELL/PROBEHOLE/BOREHOLE NO: **MW-6D** PAGE 4 OF 7

Stantec

DRILLING / INSTALLATION:
STARTED **12/10/14** COMPLETED: **2/3/15**
DRILLING COMPANY: **National EWP**
DRILLING EQUIPMENT: **Boart Longyear LS-300**
DRILLING METHOD: **Sonic**
SAMPLING EQUIPMENT: **Continuous Core / Split Spoon**

NORTHING (ft):
LAT:
GROUND ELEV (ft):
INITIAL DTW (ft): **145**
STATIC DTW (ft): **155.7**
WELL CASING DIA. (in): **4**
LOGGED BY: **BR**

EASTING (ft):
LONG:
TOC ELEV (ft):
WELL DEPTH (ft): **166.0**
BOREHOLE DEPTH (ft): **167.0**
BOREHOLE DIA. (in): **8.5**
CHECKED BY: **GDH**

Time & Depth (feet)	Graphic Log	USCS	Description	Sample	Time Sample ID	Measured Recov. (feet)	Blow Count	Headspace PID (units)	Depth (feet)	Well Construction or Borehole Backfill
		SM	SAA; little clay (0,75,25)					0.0		
			SAA; trace clay; (0,85,15)							
80			SAA; 7.5YR 5/6 strong brown; no clay					0.0	80	4" I.D. Sch 80 blank PVC casing
		SP-SM	**POORLY GRADED SAND WITH SILT** ; SP-SM; 7.5YR 3/6 strong brown; fine-grained; loose; moist; (0,90,10)							Portland cement grout
85								0.0	85	
			SAA; 10YR 5/2 grayish brown; dry; moderate cementation							
90		SP	**POORLY GRADED SAND** ; SP; 10YR 4/3 brown; fine-grained; loose; moist; trace fines; (0,95,5)					0.0	90	
			SAA							
95								0.0	95	
			POORLY GRADED SAND WITH SILT ;							

PROJECT: **ARCO 465**
LOCATION: **151 Southgate Ave. Daly City, CA**
PROJECT NUMBER: **211611098**

WELL/PROBEHOLE/BOREHOLE NO: **MW-6D** PAGE 5 OF 7

Stantec

DRILLING / INSTALLATION:
STARTED **12/10/14** COMPLETED: **2/3/15**
DRILLING COMPANY: **National EWP**
DRILLING EQUIPMENT: **Boart Longyear LS-300**
DRILLING METHOD: **Sonic**
SAMPLING EQUIPMENT: **Continuous Core / Split Spoon**

NORTHING (ft):
LAT:
GROUND ELEV (ft):
INITIAL DTW (ft): **145**
STATIC DTW (ft): **155.7**
WELL CASING DIA. (in): **4**
LOGGED BY: **BR**

EASTING (ft):
LONG:
TOC ELEV (ft):
WELL DEPTH (ft): **166.0**
BOREHOLE DEPTH (ft): **167.0**
BOREHOLE DIA. (in): **8.5**
CHECKED BY: **GDH**

Time & Depth (feet)	Graphic Log	USCS	Description	Sample	Time Sample ID	Measured Recov. (feet)	Blow Count	Headspace PID (units)	Depth (feet)	Well Construction or Borehole Backfill
		SP-SM	SP-SM; 10YR 4/3 brown; fine-grained; medium dense; moist; (0,90,10)					0.0		
		SM	**SILTY SAND** ; SM; 10YR 4/3 brown; fine-grained; medium dense; moist; little clay; (0,60,40)							
			SAA; trace clay; (0,65,35)							4" I.D. Sch 80 blank PVC casing
105		SP-SM	**POORLY GRADED SAND WITH SILT** ; SP-SM; 10YR 5/3 brown; fine-grained; medium dense; moist; (0,90,10)					0.0	105	
		SM	**SILTY SAND** ; SM; 7.5YR 5/6 strong brown; fine-grained; medium dense; moist; some clay; (0,60,40)							Portland cement grout
			SAA; little clay; 10YR 5/6; strong brown							
110								0.0	110	
			SAA; loose; (0,80,20)							
		SC	**CLAYEY SAND** ; SC; 10YR 5/3 brown; fine-grained; medium dense; moist; (0,65,35)							
115		SP	**POORLY GRADED SAND** ; SP; 2.5Y 5/3 light olive brown; fine-grained; loose; moist; trace fines; (0,95,5)					0.0	115	
120									120	
		SP-SM	**POORLY GRADED SAND WITH SILT** ; SP-SM; 7.5YR 5/6 strong brown; fine-grained; loose; moist; (0,90,10)		11:15 MW-6D-121	1.5		0.0		
			SAA							

GEO FORM 304 MW-1R_ET.AL - REV1.GPJ STANTEC ENVIRO TEMPLATE 010509.GDT 2/24/15

PROJECT: **ARCO 465**
LOCATION: **151 Southgate Ave. Daly City, CA**
PROJECT NUMBER: **211611098**

WELL/PROBEHOLE/BOREHOLE NO: **MW-6D** PAGE 6 OF 7

Stantec

DRILLING / INSTALLATION:
STARTED **12/10/14** COMPLETED: **2/3/15**
DRILLING COMPANY: **National EWP**
DRILLING EQUIPMENT: **Boart Longyear LS-300**
DRILLING METHOD: **Sonic**
SAMPLING EQUIPMENT: **Continuous Core / Split Spoon**

NORTHING (ft):
LAT:
GROUND ELEV (ft):
INITIAL DTW (ft): **145**
STATIC DTW (ft): **155.7**
WELL CASING DIA. (in): **4**
LOGGED BY: **BR**

EASTING (ft):
LONG:
TOC ELEV (ft):
WELL DEPTH (ft): **166.0**
BOREHOLE DEPTH (ft): **167.0**
BOREHOLE DIA. (in): **8.5**
CHECKED BY: **GDH**

Time & Depth (feet)	Graphic Log	USCS	Description	Sample	Time Sample ID	Measured Recov. (feet)	Blow Count	Headspace PID (units)	Depth (feet)	Well Construction or Borehole Backfill
		SP-SM	SAA					0.0		
130			SAA					0.0	130	4" I.D. Sch 80 blank PVC casing
		SP	**POORLY GRADED SAND** ; SP; 2.5Y 5/3 light olive brown; fine-grained; loose; dry; trace fines; (0,95,5)							Portland cement grout
135								0.0	135	
		SP-SM	**POORLY GRADED SAND WITH SILT** ; SP-SM; 10YR 5/3 brown; fine-grained; loose; moist; (0,90,10)							
			SAA							
140					15:00 MW-6D-141	1.5		0.0	140	
			SAA							Hydrated Bentonite Chips
145		SM	**SILTY SAND** ; SM; 10YR 4/3 brown; fine-grained; medium dense; wet; trace clay; (0,85,15)					0.0	145	
		SP-SM	**POORLY GRADED SAND WITH SILT** ; SP-SM; 10YR 4/3 brown; fine-grained; loose; wet; (0,90,10)							2/12 Sand
			SAA							4" I.D. Sch 80 PVC with 0.010" Slotted Screen

PROJECT: **ARCO 465**
LOCATION: **151 Southgate Ave. Daly City, CA**
PROJECT NUMBER: **211611098**

WELL/PROBEHOLE/BOREHOLE NO: **MW-6D** PAGE 7 OF 7

Stantec

DRILLING / INSTALLATION:
STARTED **12/10/14** COMPLETED: **2/3/15**
DRILLING COMPANY: **National EWP**
DRILLING EQUIPMENT: **Boart Longyear LS-300**
DRILLING METHOD: **Sonic**
SAMPLING EQUIPMENT: **Continuous Core / Split Spoon**

NORTHING (ft):
LAT:
GROUND ELEV (ft):
INITIAL DTW (ft): **145**
STATIC DTW (ft): **155.7**
WELL CASING DIA. (in): **4**
LOGGED BY: **BR**

EASTING (ft):
LONG:
TOC ELEV (ft):
WELL DEPTH (ft): **166.0**
BOREHOLE DEPTH (ft): **167.0**
BOREHOLE DIA. (in): **8.5**
CHECKED BY: **GDH**

Time & Depth (feet)	Graphic Log	USCS	Description	Sample	Time Sample ID	Measured Recov. (feet)	Blow Count	Headspace PID (units)	Depth (feet)	Well Construction or Borehole Backfill
		SP-SM						0.0		
155			SAA					0.0	155	4" I.D. Sch 80 PVC with 0.010" Slotted Screen; 2/12 Sand
160			SAA					0.0	160	
165		SM	**SILTY SAND** ; SM; 10YR 5/3 brown; fine-grained; loose; wet; (0,85,15)						165	PVC Bottom Cap
					11:00 MW-6D-167	1.5		0.0		
170			Hand augered to 6.5 feet then air-knifed on 12/10/15 Sonic rig advanced a 10-inch diameter steel conductor and set it at 67.0 feet bgs. An 8-inch diameter sonic drive casing was then advanced to total depth and the well was constructed as shown. The sonic rig collected a 6-inch diameter continuous core soil sample from the boring from 6.5 feet bgs to total depth. Borehole terminated at 167.5 feet.						170	

GEO FORM 304 MW-1R_ET.AL - REV1.GPJ STANTEC ENVIRO TEMPLATE 010509.GDT 2/24/15

SOIL BORING LOG **Boring No. MW-7** **Sheet: 1 of 4**

Client	Arco 465	Date	8/27/2008 - 8/28/2008
Address	151 Southgate Avenue	Drilling Co.	Woodward Drilling rig type:BK-81
	Daly City, CA	Driller	Dave Van Steyn
Project No.	E465	Method	Hollow Stem Auger Hole Diameter: 8 inches
Logged By:	Collin Fischer	Sampler:	18" x 2" Split Spoon
Well Pack	sand: 43 ft. to 61.5 ft	Well Construction	Casing Material: Schedule 40 PVC Screen Interval: 45 ft. to 60 ft.
	bent.: 41 ft. to 43 ft.		Casing Diameter: 2 in. Screen Slot Size: 0.020-in.
	grout: 0 ft. to 41 ft.	Depth to GW:	▽ first encountered 54' static ▼

Sample Type	Sample No.	Blow Count	Sample Time	Sample Recov.	Well Details	Depth Scale	Lithologic Column	Descriptions of Materials and Conditions	PID (PPM)
						1		Boring cleared to 5' bgs. With air knife.	
						2			
						3		Poorly graded sand with silt, SP, dark yellowish brown, (10YR 4/6), moist loose, 90% fine to medium grained sand, 10% silt	0
						4			
						5			
S	MW-7 6'	10 12 13	1405	100		6	SP-SM	Poorly graded sand with silt, SP-SM, dark yellowish brown, (10YR 4/6), moist, medium dense, 90% fine to medium grained sand, 10% silt	0
						7			
						8			
						9			
						10			
S	MW-7 11'	7 7 17	1415	100		11		Poorly graded sand with silt, SP-SM, dark yellowish brown, (10YR 4/6), moist, medium dense, 90% fine to medium grained sand, 10% silt	0
						12			
						13			
						14			
						15			
S	MW-7 16'	10 12 12	1420	100		16	SM	Silty sand with clay, SM, dark yellowish brown, (10YR 3/6), moist medium dense, 70% fine to medium grained sand, 20% silt, 10% clay	0
						17			
						18			
						19			
						20	SP		

Recovery

Sample

Comments:

STRATUS ENVIRONMENTAL, INC.



SOIL BORING LOG **Boring No. MW-7** **Sheet: 2 of 4**

Client	Arco 465	Date	8/27/2008 - 8/28/2008
Address	151 Southgate Avenue	Drilling Co.	Woodward Drilling rig type:BK-81
	Daly City, CA	Driller	Dave Van Steyn
Project No.	E465	Method	Hollow Stem Auger Hole Diameter: 8 inches
Logged By:	Collin Fischer	Sampler:	18" x 2" Split Spoon
Well Pack	sand: 43 ft. to 61.5 ft	Well Construction	Casing Material: Schedule 40 PVC Screen Interval: 45 ft. to 60 ft.
	bent.: 41 ft. to 43 ft.		Casing Diameter: 2 in. Screen Slot Size: 0.020-in.
	grout: 0 ft. to 41 ft.	Depth to GW:	▽ first encountered 54' static ▼

Sample Type	Sample No.	Blow Count	Sample Time	Sample Recov.	Well Details	Depth Scale	Lithologic Column	Descriptions of Materials and Conditions	PID (PPM)
S	MW-7 21'	14 14 15	1440	100		21 22 23 24 25	SP	Poorly graded sand, SP, light olive brown, (2.5Y 5/4), moist, medium dense 100% fine to medium grained sand	0
S	MW-7 26'	32 50/5"	1500	65		26 27 28 29 30	CL	Silty clay, CL, olive brown, (2.5Y 4/4), moist, medium plasticity, hard 70% clay, 30% silt	0
S	MW-7 31'	41 50/5"	1510	65		31 32 33 34 35	SP	Poorly graded sand, SP, olive brown, (2.5Y 4/4), moist, very dense 100% fine grained sand	0
S	MW-7 36'	19 20 25	1515	67		36 37 38 39 40		Poorly graded sand, SP, olive brown, (2.5Y 4/4), moist, dense 100% fine grained sand	0

Recovery

Sample

Comments:

STRATUS ENVIRONMENTAL, INC.

SOIL BORING LOG **Boring No. MW-7** **Sheet: 3 of 4**

Client	Arco 465	Date	8/27/2008 - 8/28/2008
Address	151 Southgate Avenue	Drilling Co.	Woodward Drilling rig type:BK-81
	Daly City, CA	Driller	Dave Van Steyn
Project No.	E465	Method	Hollow Stem Auger Hole Diameter: 8 inches
Logged By:	Collin Fischer	Sampler:	18" x 2" Split Spoon
Well Pack	sand: 43 ft. to 61.5 ft	Well Construction	Casing Material: Schedule 40 PVC Screen Interval: 45 ft. to 60 ft.
	bent.: 41 ft. to 43 ft.		Casing Diameter: 2 in. Screen Slot Size: 0.020-in.
	grout: 0 ft. to 41 ft.	Depth to GW:	▽ first encountered 54' static ▼

Sample Type	Sample No.	Blow Count	Sample Time	Sample Recov.	Well Details	Depth Scale	Lithologic Column	Descriptions of Materials and Conditions	PID (PPM)
S	MW-7 41'	20 22	1520	70		41		Poorly graded sand, SP, olive brown, (2.5Y 4/4), moist, dense 100% fine grained sand	0
		23				42			
						43			
						44			
						45	SP		
S	MW-7 46'	18 20	1530	70		46		Poorly graded sand, SP, olive brown, (2.5Y 4/4), moist, dense 100% fine grained sand	0
		22				47			
						48			
S	MW-7 48'	50/6"	1535	80		49		Poorly graded sand, SP, olive brown, (2.5Y 4/4), moist, very dense 100% fine grained sand	0
						50			
S	MW-7 51'	28 28	1540	70		51		Silty sand, SM, olive brown, (2.5Y 4/4), moist, very dense 70% fine grained sand, 30% silt	0
		32				52			
						53			
S	MW-7 53'	39 50/5"	1545	0		54	▽ SM	No recovery	
						55			
S	MW-7 56'	12 15	1550	100		56		Silty sand, SM, dark brown, (10YR 3/3), wet, dense 75% fine to medium grained sand, 25% silt	0
		24				57			
S	MW-7 58'	50/6"	1555	100		58		Silty sand, SM, dark brown, (10YR 3/3), wet, very dense 85% medium to coarse grained sand, 15% silt	0
						59			
						60	CL		

Recovery

Sample

Comments:

STRATUS ENVIRONMENTAL, INC.

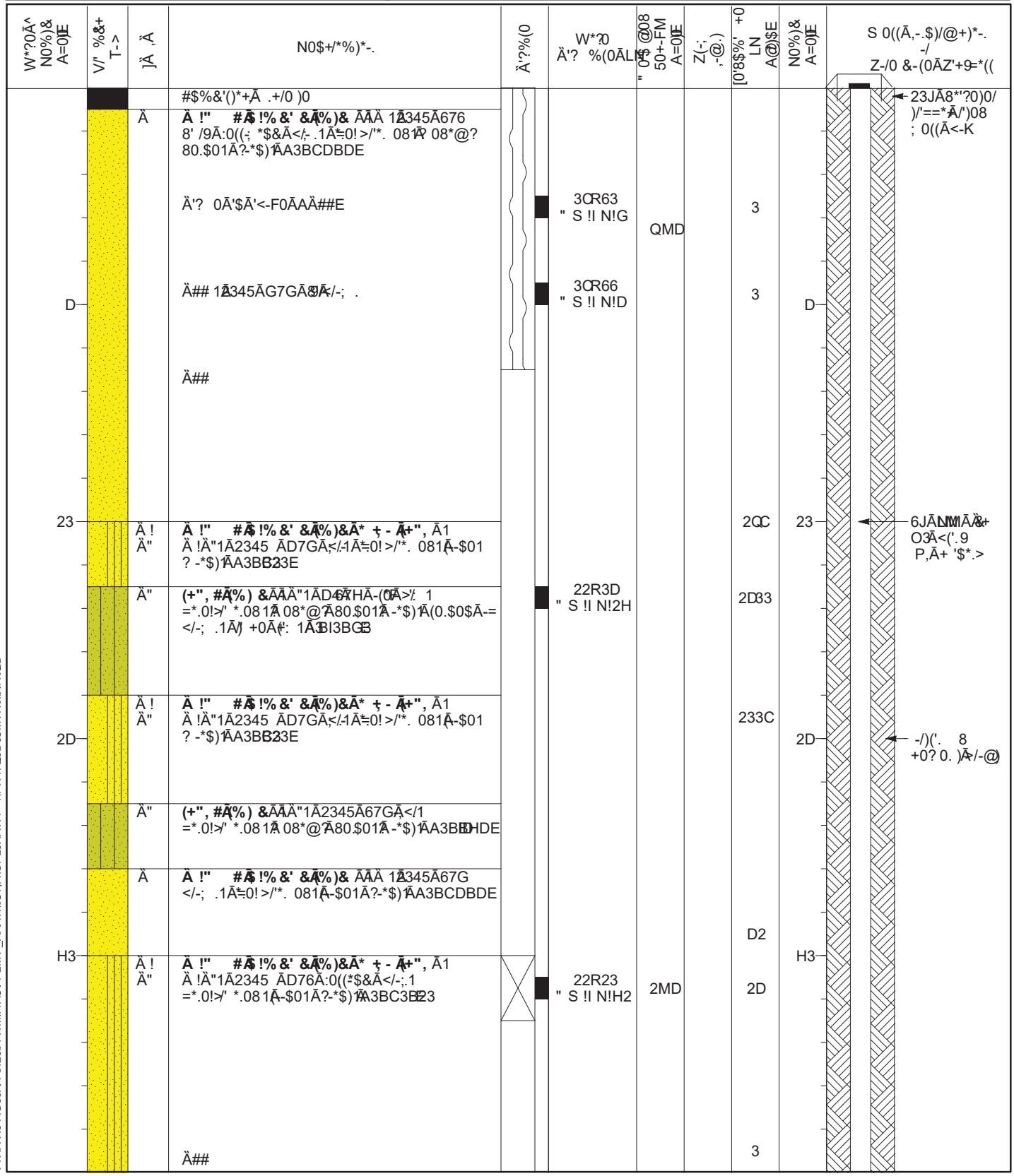
SOIL BORING LOG **Boring No. MW-7** **Sheet: 4 of 4**

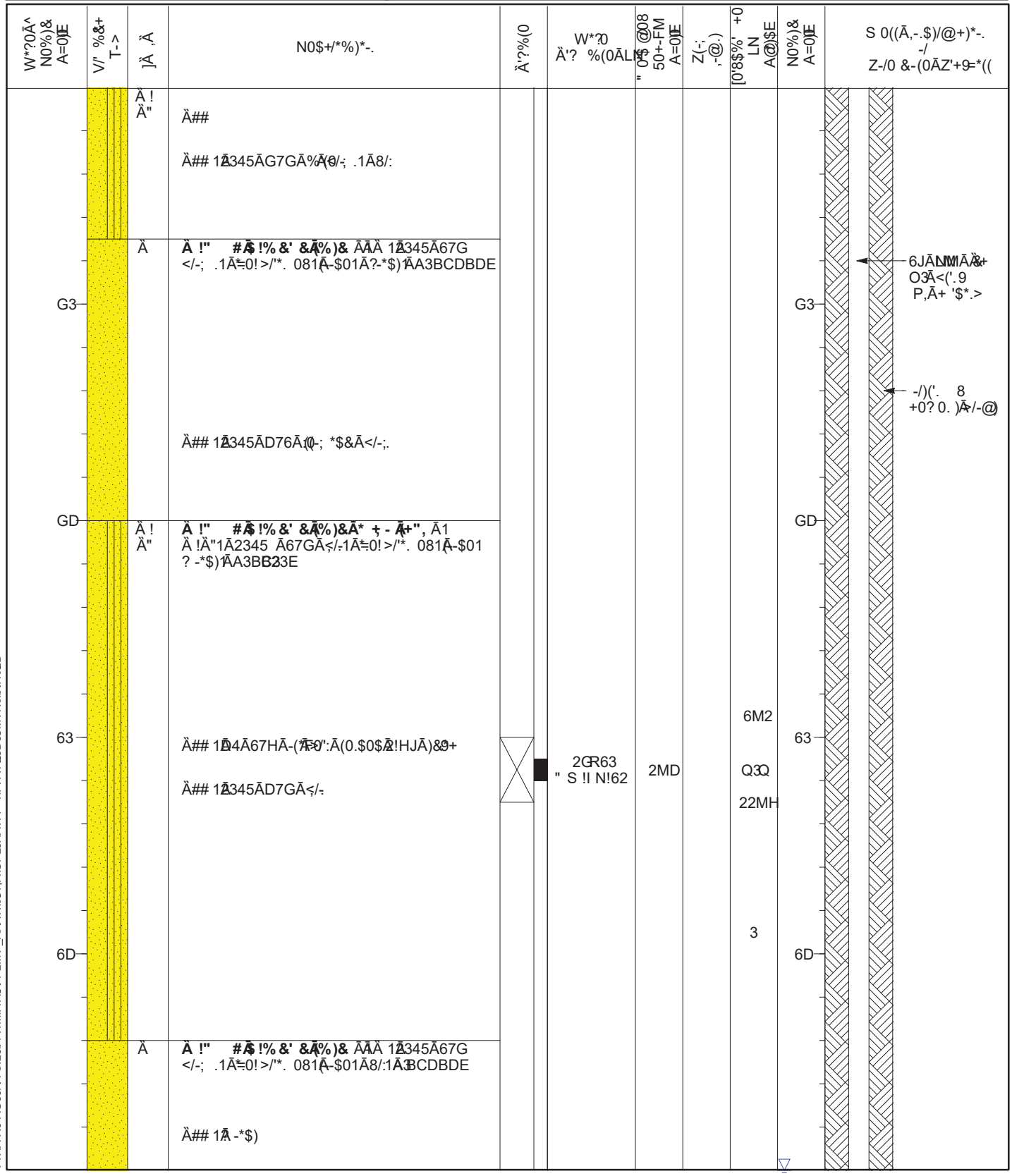
Client	Arco 465	Date	8/27/2008 - 8/28/2008
Address	151 Southgate Avenue	Drilling Co.	Woodward Drilling rig type:BK-81
	Daly City, CA	Driller	Dave Van Steyn
Project No.	E465	Method	Hollow Stem Auger Hole Diameter: 8 inches
Logged By:	Collin Fischer	Sampler:	18" x 2" Split Spoon
Well Pack	sand: 43 ft. to 61.5 ft	Well Construction	Casing Material: Schedule 40 PVC Screen Interval: 45 ft. to 60 ft.
	bent.: 41 ft. to 43 ft.		Casing Diameter: 2 in. Screen Slot Size: 0.020-in.
	grout: 0 ft. to 41 ft.	Depth to GW:	▽ first encountered 54' static ▼

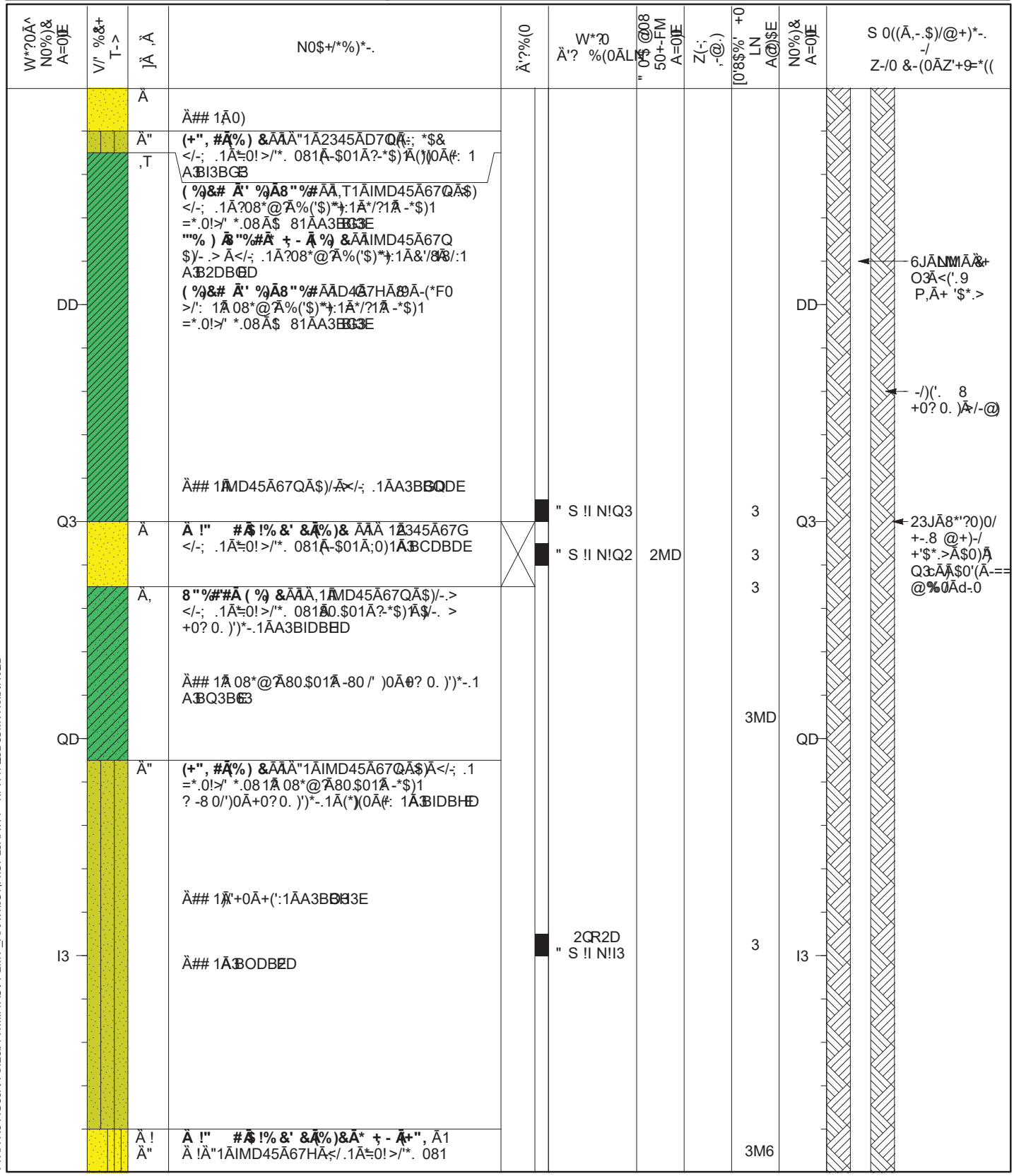
Sample Type	Sample No.	Blow Count	Sample Time	Sample Recov.	Well Details	Depth Scale	Lithologic Column	Descriptions of Materials and Conditions	PID (PPM)
S	MW-7 61'	15 32 38	1605	100		61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80	CL	Silty clay, CL, dark brown, (10YR 3/3), moist, hard, low plasticity 60% clay, 40% silt	0

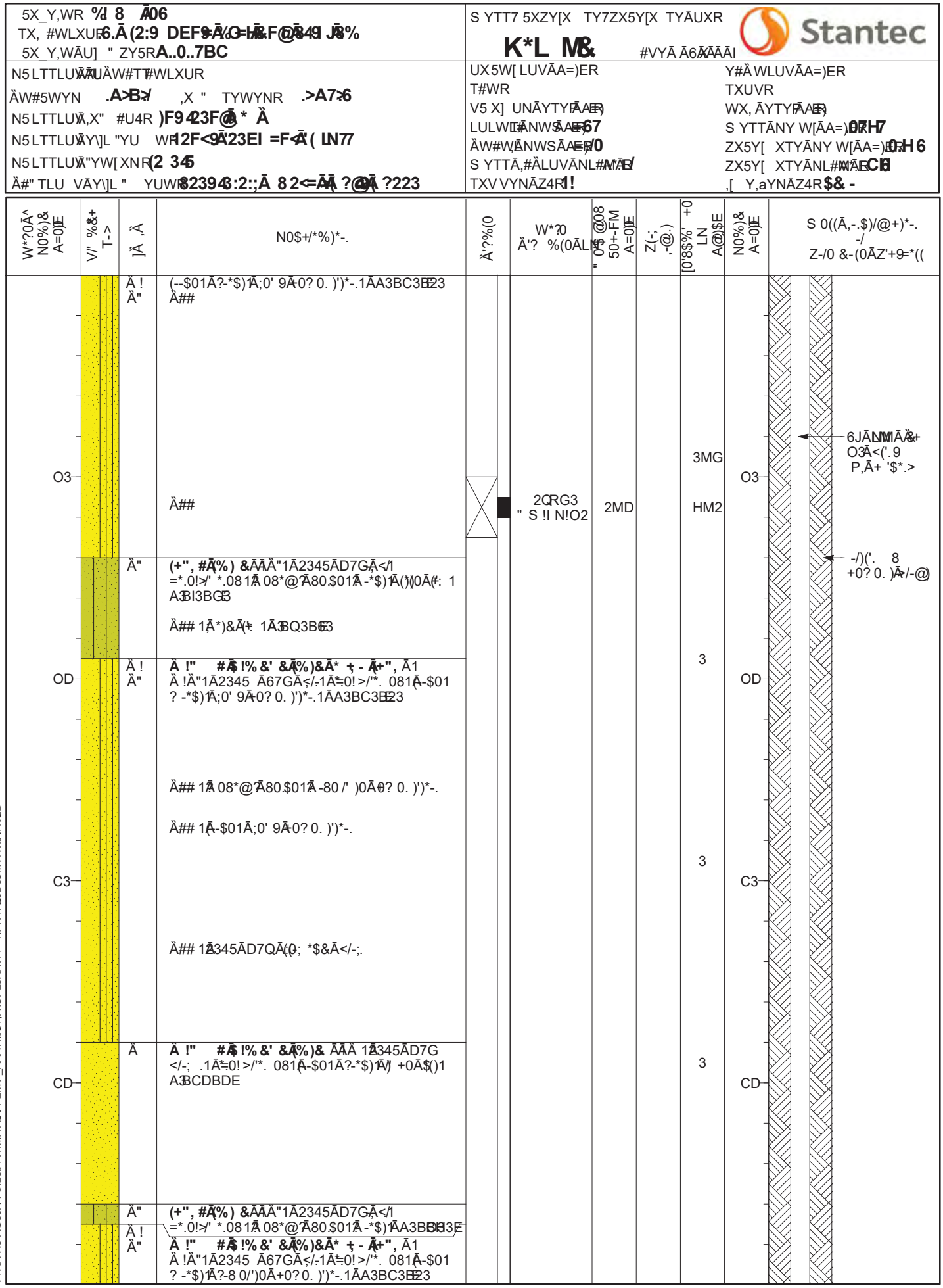
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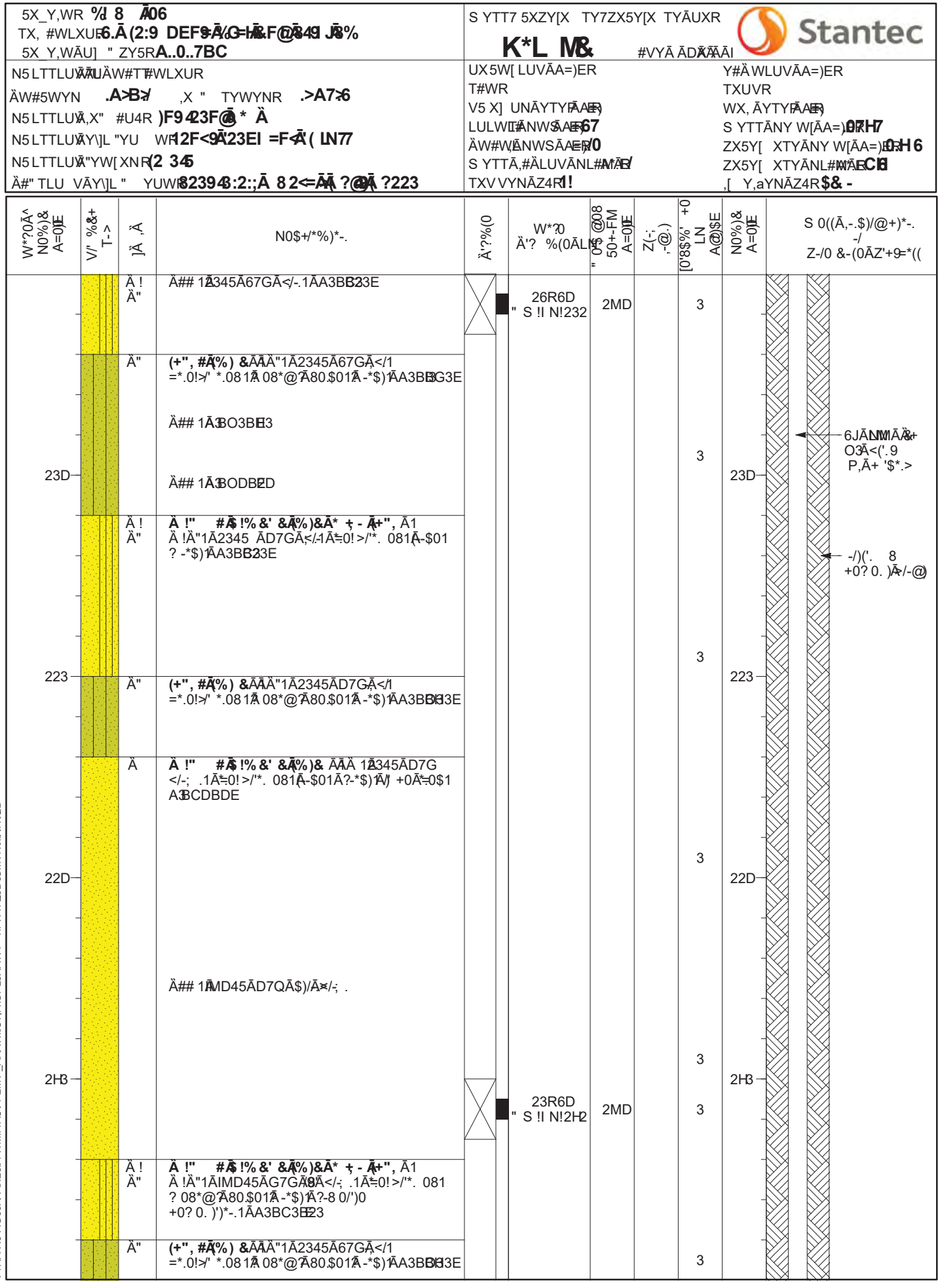
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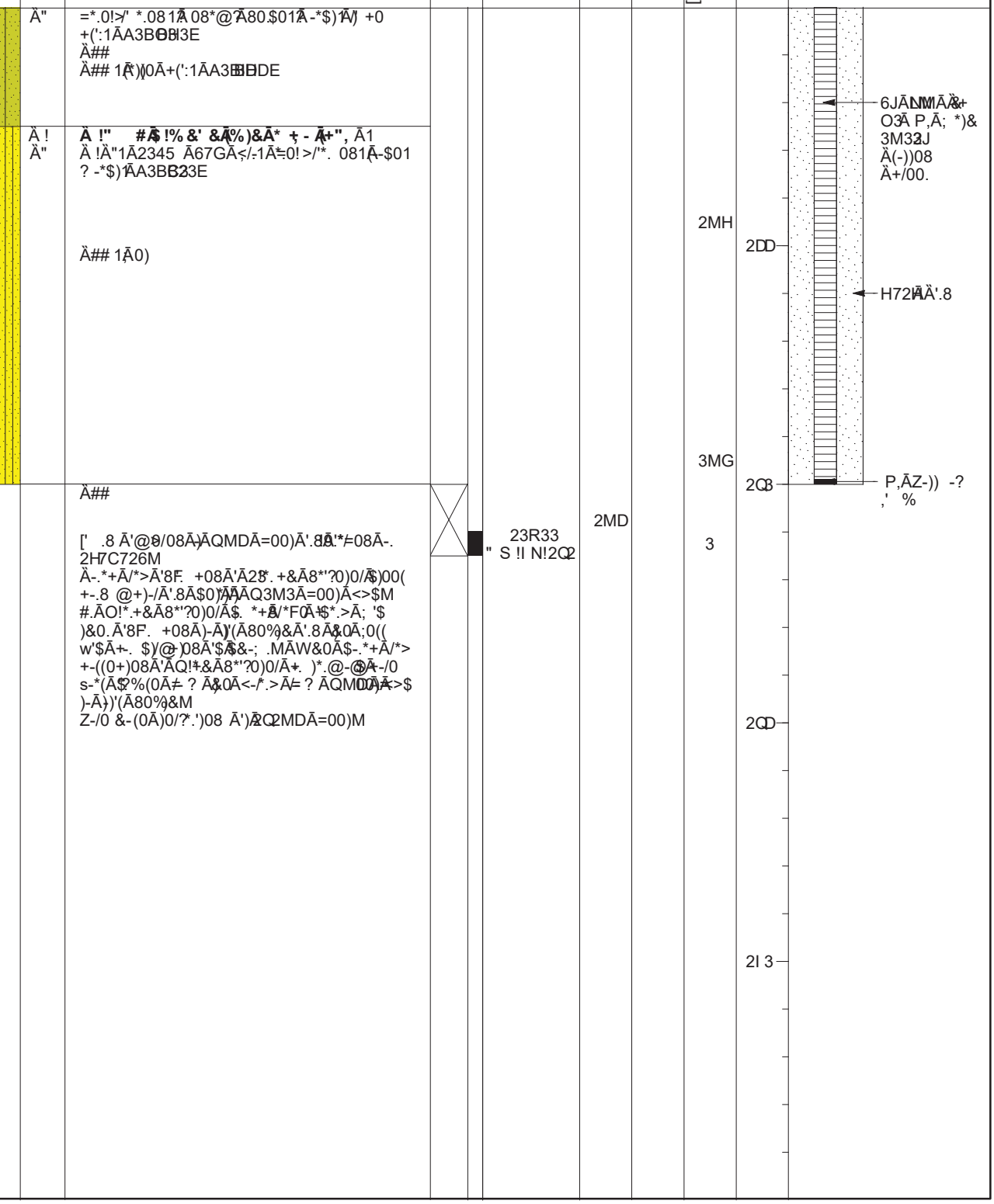
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SOIL BORING LOG **Boring No. MW-8** **Sheet: 1 of 3**

Client	Arco 465	Date	August 29, 2008
Address	151 Southgate Avenue	Drilling Co.	Woodward Drilling rig type:BK-81
	Daly City, CA	Driller	Dave Van Steyn
Project No.	E465	Method	Hollow Stem Auger Hole Diameter: 8 inches
Logged By:	Collin Fischer	Sampler:	18" x 2" Split Spoon
Well Pack	sand: 39 ft. to 56 ft	Well Construction	Casing Material: Schedule 40 PVC Screen Interval: 41 ft. to 56 ft.
	bent.: 37 ft. to 39 ft.		Casing Diameter: 2 in. Screen Slot Size: 0.020-in.
	grout: 0 ft. to 37 ft.	Depth to GW:	▽ first encountered 54' static ▼

Sample Type	Sample No.	Blow Count	Sample Time	Sample Recov.	Well Details	Depth Scale	Lithologic Column	Descriptions of Materials and Conditions	PID (PPM)
						1		Boring cleared to 5' bgs. With air knife.	
						2			
						3			
						4			
						5			
S	MW-8 6'	12 13 15	0925	100		6		Poorly graded sand with silt, SP-SM, dark yellowish brown, (10YR 4/6), moist, medium dense, 90% fine to medium grained sand, 10% silt	0
						7			
						8			
						9	SP-SM		
						10			
S	MW-8 11'	8 10 10	0930	100		11		Poorly graded sand with silt, SP-SM, dark yellowish brown, (10YR 4/6), moist, medium dense, 90% fine to medium grained sand, 10% silt	0
						12			
						13			
						14			
						15			
S	MW-8 16'	9 10 12	0935	100		16		Poorly graded sand with silt, SP-SM, dark yellowish brown, (10YR 4/6), moist, medium dense, 90% fine grained sand, 10% silt	0
						17			
						18			
						19	SM		
						20			

Recovery

Sample

Comments:

STRATUS ENVIRONMENTAL, INC.

SOIL BORING LOG **Boring No. MW-8** **Sheet: 2 of 3**

Client	Arco 465	Date	August 29, 2008
Address	151 Southgate Avenue	Drilling Co.	Woodward Drilling rig type:BK-81
	Daly City, CA	Driller	Dave Van Steyn
Project No.	E465	Method	Hollow Stem Auger Hole Diameter: 8 inches
Logged By:	Collin Fischer	Sampler:	18" x 2" Split Spoon
Well Pack	sand: 39 ft. to 56 ft	Well Construction	Casing Material: Schedule 40 PVC Screen Interval: 41 ft. to 56 ft.
	bent.: 37 ft. to 39 ft.		Casing Diameter: 2 in. Screen Slot Size: 0.020-in.
	grout: 0 ft. to 37 ft.	Depth to GW:	▽ first encountered 54' static ▼

Sample Type	Sample No.	Blow Count	Sample Time	Sample Recov.	Well Details	Depth Scale	Lithologic Column	Descriptions of Materials and Conditions	PID (PPM)
S	MW-8 21'	5 6 6	0940	100		21		Silty sand, SM, dark yellowish brown, (10YR 3/4), moist, medium dense 80% fine to medium grained sand, 20% silt	0
						22			
						23			
						24			
						25			
S	MW-8 26'	4 5 8	0945	100		26	SM	Silty sand, SM, very dark brown, (10YR 2/2), moist, medium dense 75% fine to medium grained sand, 25% silt	0
						27			
						28			
						29			
						30			
S	MW-8 31'	6 7 7	0950	100		31		Silty sand, SM, black, (5Y 2.5/1), moist, medium dense 70% fine grained sand, 30% silt	0
						32			
						33			
						34			
						35			
S	MW-8 36'	6 12 15	0955	100		36		Poorly graded sand, SP, dark grayish brown, (2.5Y 4/2), moist medium dense, 100% fine to medium grained sand	0
						37	SP		
						38			
						39			
						40			

Recovery

Sample

Comments:

STRATUS ENVIRONMENTAL, INC.

SOIL BORING LOG **Boring No. MW-8** **Sheet: 3 of 3**

Client	Arco 465	Date	August 29, 2008
Address	151 Southgate Avenue	Drilling Co.	Woodward Drilling rig type:BK-81
	Daly City, CA	Driller	Dave Van Steyn
Project No.	E465	Method	Hollow Stem Auger Hole Diameter: 8 inches
Logged By:	Collin Fischer	Sampler:	18" x 2" Split Spoon
Well Pack	sand: 39 ft. to 56 ft	Well Construction	Casing Material: Schedule 40 PVC Screen Interval: 41 ft. to 56 ft.
	bent.: 37 ft. to 39 ft.		Casing Diameter: 2 in. Screen Slot Size: 0.020-in.
	grout: 0 ft. to 37 ft.	Depth to GW:	▽ first encountered 54' static ▼

Sample Type	Sample No.	Blow Count	Sample Time	Sample Recov.	Well Details	Depth Scale	Lithologic Column	Descriptions of Materials and Conditions	PID (PPM)
S	MW-8 41'	6 12 15	1000	100		41 42 43 44 45		Poorly graded sand, SP, dark yellowish brown, (10YR 4/6), moist medium dense, 100% fine grained sand	0
S	MW-8 46'	10 12 15	1002	100		46 47 48 49 50	SP	Poorly graded sand, SP, dark yellowish brown, (10YR 4/6), moist medium dense, 100% fine grained sand	0
S	MW-8 51'	12 15 16	1005	35		51 52 53		Poorly graded sand, SP, dark yellowish brown, (10YR 4/6), moist medium dense, 100% fine to medium grained sand	
S	MW-8 53'	50/5"		0		▽ 54		No recovery	
						55	SP-SM	Poorly graded sand with silt, SP-SM, dark brown, (10YR 3/3), wet, very dense, 90% medium grained sand, 10% silt	
S	MW-8 56'	50/5"	1015	100		56		Sandy clay, CL, dark brown, (10YR 3/3), wet, hard, low plasticity 80% clay, 20% medium grained sand	0
						57	CL		
S	MW-8 58'	16 17	1020	100		58		Clay, CL, very dark gray, (2.5Y 3/1), moist, hard, low plasticity 100% clay	0
		22				59		Clayey sand, SC, very dark gray, (2.5Y 3/1), wet, dense 65% medium grained sand, 35% clay	
						60	SC		

Recovery

Sample

Comments:

STRATUS ENVIRONMENTAL, INC.

SOIL BORING LOG **Boring No. MW-9** **Sheet: 1 of 3**

Client	Arco 465	Date	August 28, 2008
Address	151 Southgate Avenue	Drilling Co.	Woodward Drilling rig type:BK-81
	Daly City, CA	Driller	Dave Van Steyn
Project No.	E465	Method	Hollow Stem Auger Hole Diameter: 8 inches
Logged By:	Collin Fischer	Sampler:	18" x 2" Split Spoon
Well Pack	sand: 37 ft. to 50 ft	Well Construction	Casing Material: Schedule 40 PVC Screen Interval: 39 ft. to 49 ft.
	bent.: 35 ft. to 37 ft.		Casing Diameter: 2 in. Screen Slot Size: 0.020-in.
	grout: 0 ft. to 35 ft.	Depth to GW:	▽ first encountered 47' static ▼

Sample Type	Sample No.	Blow Count	Sample Time	Sample Recov.	Well Details	Depth Scale	Lithologic Column	Descriptions of Materials and Conditions	PID (PPM)
						1		Boring cleared to 5' bgs. With air knife.	
						2			
						3			
						4			
						5			
S	MW-9 6'	19 20 21	1130	40		6		Poorly graded sand with silt, SP-SM, dark yellowish brown, (10YR 4/6), moist, dense, 90% fine to medium grained sand, 10% silt	
						7			
						8			
						9			
						10	SP-SM		
S	MW-9 11'	12 15 15	1145	70		11		Poorly graded sand with silt, SP-SM, dark yellowish brown, (10YR 4/6), moist, dense, 90% fine to medium grained sand, 10% silt	0
						12			
						13			
						14			
						15			
S	MW-9 16'	12 16 21	1155	70		16		Poorly graded sand with silt, SP-SM, dark yellowish brown, (10YR 4/6), moist, dense, 90% fine to medium grained sand, 10% silt	0
						17			
						18			
						19			
						20			

Recovery

Sample

Comments:

STRATUS ENVIRONMENTAL, INC.

SOIL BORING LOG **Boring No. MW-9** **Sheet: 2 of 3**

Client	Arco 465	Date	August 28, 2008
Address	151 Southgate Avenue	Drilling Co.	Woodward Drilling rig type:BK-81
	Daly City, CA	Driller	Dave Van Steyn
Project No.	E465	Method	Hollow Stem Auger Hole Diameter: 8 inches
Logged By:	Collin Fischer	Sampler:	18" x 2" Split Spoon
Well Pack	sand: 37 ft. to 50 ft	Well Construction	Casing Material: Schedule 40 PVC Screen Interval: 39 ft. to 49 ft.
	bent.: 35 ft. to 37 ft.		Casing Diameter: 2 in. Screen Slot Size: 0.020-in.
	grout: 0 ft. to 35 ft.	Depth to GW:	▽ first encountered 47' static ▼

Sample Type	Sample No.	Blow Count	Sample Time	Sample Recov.	Well Details	Depth Scale	Lithologic Column	Descriptions of Materials and Conditions	PID (PPM)
S	MW-9 21'	19 21 23	1240	60		21 22 23 24 25	SP-SM SP	Poorly graded sand with silt, SP, dark yellowish brown, (10YR 4/6), moist, dense, 90% fine to medium grained sand, 10% silt	0
S	MW-9 26'	6 7 9	1245	100		26 27 28 29 30		Poorly graded sand, SP, black, (5Y 2.5/2), moist, medium dense 100% fined grained sand	0
S	MW-9 31'	9 10 10	1250	100		31 32 33 34 35	SM	Silty sand, SM, black, (5Y 2.5/1), moist, medium dense 75% fine grained sand, 25% silt	0
S	MW-9 36'	10 12 15	1255	100		36 37 38 39 40	SP	Silty sand, SM, black, (5Y 2.5/1), moist, medium dense 75% fine grained sand, 25% silt	0

Recovery

Sample

Comments:

STRATUS ENVIRONMENTAL, INC.

SOIL BORING LOG **Boring No. MW-9** **Sheet: 3 of 3**

Client	Arco 465	Date	August 28, 2008
Address	151 Southgate Avenue	Drilling Co.	Woodward Drilling rig type:BK-81
	Daly City, CA	Driller	Dave Van Steyn
Project No.	E465	Method	Hollow Stem Auger Hole Diameter: 8 inches
Logged By:	Collin Fischer	Sampler:	18" x 2" Split Spoon
Well Pack	sand: 37 ft. to 50 ft	Well Construction	Casing Material: Schedule 40 PVC Screen Interval: 39 ft. to 49 ft.
	bent.: 35 ft. to 37 ft.		Casing Diameter: 2 in. Screen Slot Size: 0.020-in.
	grout: 0 ft. to 35 ft.	Depth to GW:	▽ first encountered 47' static ▼

Sample Type	Sample No.	Blow Count	Sample Time	Sample Recov.	Well Details	Depth Scale	Lithologic Column	Descriptions of Materials and Conditions	PID (PPM)
S	MW-9 41'	10 12	1300	70		41	SP	Poorly graded sand, SP, olive gray, (5Y 4/2), moist, medium dense 100% fine to medium grained sand	0
		13				42			
						43			
						44			
						45			
S	MW-9 46'	10 10	1305	100		46	SM	Silty sand with clay, SM, black, (5Y 2.5/1), moist, medium dense 70% fine grained sand, 20% silt, 10% clay	0
		12				47	▽		
						48		Silty sand, SM, black, (5Y 2.5/1), wet, medium dense 80% fine grained sand, 20% silt	0
S	MW-9 48'	12 14	1310	100		49	CL	Sandy clay, CL, black, (GLEY1 2.5/N), wet, hard, low plasticity 85% clay, 15% medium grained sand	
		18				50			
S	MW-9 51'	10 12	1340	100		51	SM	Silty sand, SM, black, (5Y 2.5/1), wet, medium dense 80% medium graiend sand, 20% silt	0
		13				52	CL	Clay, CL, black, (5Y 2.5/1), moist, very stiff, low plasticity 85% clay, 15% medium grained sand	
						53			0
S	MW-9 53'	10 11	1345	100		54		Clay, CL, black, (5Y 2.5/1), moist, very stiff, medium plasticity 100% clay	
		13				55			
S	MW-9 56'	10 12	1350	100		56	SP	Poorly graded sand, SP, olive brown, (2.5Y 4/3), moist, medium dense 100% fine to medium grained sand	0
		17				57			
						58			
						59			
						60			

Recovery

Sample

Comments: Boring drilled to 56.5' bgs. Backfilled to 50' bgs. With bentonite. Well set at 49' bgs.

STRATUS ENVIRONMENTAL, INC.

WELL/BORING: MW-9D	
INSTALLATION DATE: 7/17-19/2017	DRILLING METHOD: Sonic
PROJECT: ARCO 465	SAMPLING METHOD: Core
CLIENT: BP	BORING DIAMETER: 7"
LOCATION: 151 Southgate Avenue	BORING DEPTH: 162'
CITY: Daly City	WELL CASING: SCH 80 PVC 2"
STATE: CA	WELL SCREEN: 135-155' (0.010")
DRILLER: Cascade Drilling, Inc.	SAND PACK: 133' – 160' (10x20)

CASING ELEVATION	95.45
SURVEY DATE:	8/24/2017
DTW:	134.90

WELL/BORING COMPLETION	FIRST ▽	STABILIZED ▼	MOISTURE	PID (ppm)	DENSITY BLOWS / 6"	DEPTH (FEET)	RECOVERY	SAMPLE INTERVAL	USCS SYMBOL	GRAPHIC	DESCRIPTION/LOGGED BY: Eric Sanchez
Concrete						2					Surface – Asphalt 4" Hand Auger to 6.5' bgs.
Grout			DRY	0.0	-	4			SP		SAND: brown; 100% fine to medium sand; loose.
			-	0.0	-	6					
			MST	0.0	-	8			SP		Same as Above: <1" clay lens.
			MST	0.0	-	10					
			MST	-	-	12			SP		Same as Above: yellowish brown. Trace silt @14.5' SAND: brown; 100% fine to medium sand.
			-	0.0	-	14					Grades to darker brown.
			MST	-	-	16			SP		SAND: gray; 100% fine to medium sand.
			-	0.0	-	18			SP		SAND: gray; 100% fine to medium sand.
			MST	-	-	20			CL		Silty CLAY: dark gray; trace fine sand; organics; moderate plasticity; medium firm.
						22			SP		SAND: dark gray; 100% fine to medium sand; loose.
			MST	0.6	-	24			SP		SAND: dark gray; 100% fine to medium sand; loose; clay/organic stringers.
			-	0.0	-	26					
			MST	-	-	28			CL		1" Clay lens @36.5' Becomes greenish gray @37'
						30			SP		
			MST	0.3	-	32			SM		Silty SAND: dark gray; 20% silt; 80% fines sand; loose.
			MST	-	-	34			SP		SAND: dark gray; trace fines; 95% fine sand; loose.
						36			SC		Clayey SAND: black; 20% clay; 80% fine to medium sand; low plasticity; medium dense.
						38					
						40					
						42					
						44					

	WELL/BORING: MW-9D	
	INSTALLATION DATE: 7/17-19/2017	DRILLING METHOD: Sonic
	PROJECT: ARCO 465	SAMPLING METHOD: Core
	CLIENT: BP	BORING DIAMETER: 7"
	LOCATION: 151 Southgate Avenue	BORING DEPTH: 162'
	CITY: Daly City	WELL CASING: SCH 80 PVC 2"
	STATE: CA	WELL SCREEN: 135-155' (0.010")
	DRILLER: Cascade Drilling, Inc.	SAND PACK: 133' – 160' (10x20)

CASING ELEVATION	95.45
SURVEY DATE:	8/24/2017
DTW:	134.90

WELL/BORING COMPLETION	FIRST ▽	STABILIZED ▼	MOISTURE	PID (ppm)	DENSITY BLOWS / 6"	DEPTH (FEET)	RECOVERY	SAMPLE INTERVAL	USCS SYMBOL	GRAPHIC	DESCRIPTION/LOGGED BY: Eric Sanchez
Grout			-	0.0	-	46					Decreasing clay.
	▽		WET	-	-				SP		SAND: dark gray; 100% fine sand.
			-	-	-	48			SC		Clayey SAND: mottled dark gray and dark brown; trace to 10% clay; fine sand; trace organics; low plasticity.
			-	0.0	-	50			CL		Sandy CLAY: mottled brown and light gray; 40% fine to medium sand; trace organics; very stiff.
			MST	-	-	52			SC		Clayey SAND: brown; 15% clay; fine sand.
			MST	0.0	-	54					1" Clay lens @55'
						56			SP		SAND: brown; 100% fine sand.
						58					
			MST	0.0	-	60			SP		Same as Above: red and yellowish brown; clay stringers.
						62					Thin Clay lens @62'
									SP		Gravelly SAND: yellowish brown; pockets of clay; 75% fine to coarse sand; predominantly fine; 20% fine to medium gravel.
			MST	0.0	-	64					
						66					Increasing gravel and cobbles.
									SP		SAND: mottled greenish gray and brown; thin clay lens @66.5'; fine to medium sand; trace gravel.
			MST	0.0	-	68					
						70					SAND: gray; 100% fine sand; loose.
						72					
						74					
			MST	0.0	-	76					Same as Above: increasing density.
						78					Same as Above: decreasing density.
											Becomes brown @79'
			MST	0.0	-	80					
						82					
						84					
			MST	0.0	-	86			SP		Same as Above:
						88					

	WELL/BORING: MW-9D	
	INSTALLATION DATE: 7/17-19/2017	DRILLING METHOD: Sonic
	PROJECT: ARCO 465	SAMPLING METHOD: Core
	CLIENT: BP	BORING DIAMETER: 7"
	LOCATION: 151 Southgate Avenue	BORING DEPTH: 162'
	CITY: Daly City	WELL CASING: SCH 80 PVC 2"
	STATE: CA	WELL SCREEN: 135-155' (0.010")
	DRILLER: Cascade Drilling, Inc.	SAND PACK: 133' – 160' (10x20)

CASING ELEVATION	95.45
SURVEY DATE:	8/24/2017
DTW:	134.90

WELL/BORING COMPLETION	FIRST ▽	STABILIZED ▼	MOISTURE	PID (ppm)	DENSITY BLOWS / 6"	DEPTH (FEET)	RECOVERY	SAMPLE INTERVAL	USCS SYMBOL	GRAPHIC	DESCRIPTION/LOGGED BY: Eric Sanchez
Grout			MST	0.0	-	92			SP		SAND: brown; 100% fine sand; loose.
											Yellowish-reddish brown @92'
						94					Light brown @93'
			MST	0.0	-	96					
						98					
			MST	0.0	-	100					Same as Above: trace fines.
						102					
						104					
			MST	0.0	-	106					Same as Above: trace fines.
						108					
			MST	2.8	-	110					Same as Above.
						112					
						114					
			MST	2.3	-	116			SP		SAND: yellowish brown; trace fines; 95% fine to medium sand; loose.
											Increasing fines and density.
						118					Decreasing fines and density; mottled yellowish brown and reddish brown.
			MST	0.1	-	120			SP		Same as Above.
						122					
						124					
			MST	0.2	-	126					Thin Silty Sand lens @125', <1", very firm.
						128					
Bentonite Chips											Increased fines @128.5' - 129'
			MST	0.1	-	130			SP		SAND: yellowish brown; 100% fine to medium sand; loose.
						132			SM		Silty SAND: brown; 25% silt; fine sand; firm.
Sand						134			SP		SAND: yellowish brown; 100% fine sand; loose.

WELL/BORING: MW-9D	
INSTALLATION DATE: 7/17-19/2017	DRILLING METHOD: Sonic
PROJECT: ARCO 465	SAMPLING METHOD: Core
CLIENT: BP	BORING DIAMETER: 7"
LOCATION: 151 Southgate Avenue	BORING DEPTH: 162'
CITY: Daly City	WELL CASING: SCH 80 PVC 2"
STATE: CA	WELL SCREEN: 135-155' (0.010")
DRILLER: Cascade Drilling, Inc.	SAND PACK: 133' – 160' (10x20)

CASING ELEVATION	95.45
SURVEY DATE:	8/24/2017
DTW:	134.90

WELL/BORING COMPLETION	FIRST ▽	STABILIZED ▼	MOISTURE	PID (ppm)	DENSITY BLOWS / 6"	DEPTH (FEET)	RECOVERY	SAMPLE INTERVAL	USCS SYMBOL	GRAPHIC	DESCRIPTION/LOGGED BY: Eric Sanchez
Sand			MST	0.0	-	136			SP		SAND: brown; trace clay; 95% fine sand; moderate density.
						138					
			MST	0.0	-	140			SP		Same as Above.
						142					
						144					
	▽		MST WET	0.0	-	146					Same as Above.
						148					SAND: brown; trace clay; 95% fine to medium sand; dense.
			WET	0.1	-	150			SP		SAND: brown; 100% medium to coarse sand; loose.
						152					Grades to fine to medium sand.
						154					
			WET	0.1	-	156					
						158			SP		SAND: brown; trace clay; fine to medium sand; dense.
Native			WET	0.1	-	160					Same as Above: loose. 2" dense lens @161'
						162					Boring hand cleared to 6.5' with hand auger.
						164					Sonic rig advanced a 8" diameter steel conductor casing and set at 52' bgs.
						166					A 7" casing was advanced to total depth and the well was constructed as shown.
						168					Samples were collected continuously using a 4' diameter core barrel from 6.5' to the total depth.
						170					Borehole terminated at 162'.
						172					Heaving sands encountered below 150'.
						174					Borehole cleaned out to 160' and sand was placed from 155' to 160' prior to well construction.
						176					
						178					

PROJECT: **BP 0465**
LOCATION: **151 Southgate Ave. Daly City, CA**
PROJECT NUMBER: **211601098.402.3480**

WELL / PROBEHOLE / BOREHOLE NO: **MW-10** PAGE 1 OF 3

DRILLING / INSTALLATION:
STARTED **6/29/11** COMPLETED: **6/29/11**
DRILLING COMPANY: **WDC**
DRILLING EQUIPMENT: **CME 75**
DRILLING METHOD: **Hollow Stem Auger**
SAMPLING EQUIPMENT: **Split Spoon**

NORTHING (ft): EASTING (ft):
LAT: LONG:
GROUND ELEV (ft): TOC ELEV (ft):
INITIAL DTW (ft): **Not Encountered** WELL DEPTH (ft): **60.0**
STATIC DTW (ft): **Not Encountered** BOREHOLE DEPTH (ft): **60.0**
WELL CASING DIA. (in): **4** BOREHOLE DIA. (in): **10**
LOGGED BY: **BMR** CHECKED BY: **JA**

Time & Depth (feet)	Graphic Log	USCS	Description	Sample	Time Sample ID	Measured Recov. (feet)	Blow Count	Headspace PID (units)	Depth (feet)	Well Construction
			Top 6 inches asphalt							12" traffic rated well box
			Top 6.5 feet air knifed							
5									5	4" SCH 40 PVC well casing
10		SP	**SAND** ; SP; (10YR, 5/6) yellowish brown; fine to medium-grained; medium dense; moist; no odor; no staining; poorly graded; (0, 95, 5)		940 MW-10-10	1.25	8 9 12	0	10	
15			Same as above (SAA) SAA, color change, olive gray (5Y, 5/2)		942 MW-10-15	1.5	10 19 10	0	15	Neat cement grout
20			SAA, light olive brown (2.5Y, 5/4), slight odor, some staining, trace fine-grained, rounded gravel, (5, 85, 10)		950 MW-10-20	1	9 10 12	128	20	
			SAA, dark yellowish brown (10YR, 4/6), strong HC odor, no gravel (0, 90, 10)		955	1	8 10 15	786		

GEO FORM 304 V-9_V-10_MW-10_MW-12 6.27.11.GPJ STANTEC ENVIRO TEMPLATE 010509.GDT 7/14/11

PROJECT: **BP 0465**
LOCATION: **151 Southgate Ave. Daly City, CA**
PROJECT NUMBER: **211601098.402.3480**

WELL / PROBEHOLE / BOREHOLE NO: **MW-10** PAGE 2 OF 3

DRILLING / INSTALLATION:
STARTED **6/29/11** COMPLETED: **6/29/11**
DRILLING COMPANY: **WDC**
DRILLING EQUIPMENT: **CME 75**
DRILLING METHOD: **Hollow Stem Auger**
SAMPLING EQUIPMENT: **Split Spoon**

NORTHING (ft): EASTING (ft):
LAT: LONG:
GROUND ELEV (ft): TOC ELEV (ft):
INITIAL DTW (ft): **Not Encountered** WELL DEPTH (ft): **60.0**
STATIC DTW (ft): **Not Encountered** BOREHOLE DEPTH (ft): **60.0**
WELL CASING DIA. (in): **4** BOREHOLE DIA. (in): **10**
LOGGED BY: **BMR** CHECKED BY: **JA**

Time & Depth (feet)	Graphic Log	USCS	Description	Sample	Time Sample ID	Measured Recov. (feet)	Blow Count	Headspace PID (units)	Depth (feet)	Well Construction
		SP			MW-10-25					
30			SAA, light olive brown (2.5Y, 5/3), trace rounded, fine-grained gravel (5, 85, 10)		1000 MW-10-30	1	5 10 12	1000+	30	
35			SAA, moderate HC odor		1005 MW-10-35	1	7 13 13	1000+	35	Bentonite seal
40			SAA, odor changes to moderate sweet non typical HC odor		1013 MW-10-40	.75	8 9 10	346	40	#3 sand
45			SAA, with fines, little clay layers, slight sweet odor (5, 80, 15)		1015 MW-10-45	1	9 13 16	156	45	4" 0.020 slotted SCH 40 PVC well screen
			SAA, olive brown (2.5Y, 4/4), no odor, no gravel, (0, 85, 15)		1022	.75	9 16 20	50		

PROJECT: **BP 0465**
LOCATION: **151 Southgate Ave. Daly City, CA**
PROJECT NUMBER: **211601098.402.3480**

WELL / PROBEHOLE / BOREHOLE NO: **MW-10** PAGE 3 OF 3

DRILLING / INSTALLATION:
STARTED **6/29/11** COMPLETED: **6/29/11**
DRILLING COMPANY: **WDC**
DRILLING EQUIPMENT: **CME 75**
DRILLING METHOD: **Hollow Stem Auger**
SAMPLING EQUIPMENT: **Split Spoon**

NORTHING (ft): EASTING (ft):
LAT: LONG:
GROUND ELEV (ft): TOC ELEV (ft):
INITIAL DTW (ft): **Not Encountered** WELL DEPTH (ft): **60.0**
STATIC DTW (ft): **Not Encountered** BOREHOLE DEPTH (ft): **60.0**
WELL CASING DIA. (in): **4** BOREHOLE DIA. (in): **10**
LOGGED BY: **BMR** CHECKED BY: **JA**

Time & Depth (feet)	Graphic Log	USCS	Description	Sample	Time Sample ID	Measured Recov. (feet)	Blow Count	Headspace PID (units)	Depth (feet)	Well Construction
		SP			MW-10-50		9			
						.75	17			
					1030 MW-10-51.5		18	56		
			SAA, trace fine-grained, rounded gravel (5, 85, 10)				10			
					1032 MW-10-52.5	1	15	10		
					1035 MW-10-53		20	10		
							13			
			SAA		1045 MW-10-54.5	1	23	10		
55					1047 MW-10-55		44	349	55	
							15			
					1050 MW-10-56	1	24	0		
					1052 MW-10-56.5		50+	53		
							15			
						.5	23			
			SAA		1100 MW-10-58		50	0		
							23			
			SAA			1	32			
		ML	**SANDY SILT WITH CLAY** ; ML; (10YR 3/6) dark yellowish brown; medium plasticity; stiff; moist; strong HC odor; no staining; (5, 40, 65)		1120 MW-10-60		36	268		
60			Borehole terminated at 60 feet.						60	
65									65	
70									70	

GEO FORM 304 V-9_V-10_MW-10_MW-12 6.27.11.GPJ STANTEC ENVIRO TEMPLATE 010509.GDT 7/14/11

PROJECT: **BP 0465**
LOCATION: **151 Southgate Ave. Daly City, CA**
PROJECT NUMBER: **211601098.402.3480**

WELL / PROBEHOLE / BOREHOLE NO: **MW-11** PAGE 1 OF 3

DRILLING / INSTALLATION:
STARTED **6/30/11** COMPLETED: **6/30/11**
DRILLING COMPANY: **WDC**
DRILLING EQUIPMENT: **CME 75**
DRILLING METHOD: **Hollow Stem Auger**
SAMPLING EQUIPMENT: **Split Spoon**

NORTHING (ft): EASTING (ft):
LAT: LONG:
GROUND ELEV (ft): TOC ELEV (ft):
INITIAL DTW (ft): **Not Encountered** WELL DEPTH (ft): **70.0**
STATIC DTW (ft): **Not Encountered** BOREHOLE DEPTH (ft): **70.0**
WELL CASING DIA. (in): **4** BOREHOLE DIA. (in): **10**
LOGGED BY: **BMR** CHECKED BY: **JA**

Time & Depth (feet)	Graphic Log	USCS	Description	Sample	Time Sample ID	Measured Recov. (feet)	Blow Count	Headspace PID (units)	Depth (feet)	Well Construction
			Top 6 inches asphalt							12" traffic rated well box
			Top 6.5 feet air knifed							
5									5	
										4" SCH 40 PVC well casing
		SP	**SAND** ; SP; (10YR, 4/4) dark yellowish brown; fine to medium-grained; medium dense; moist; no odor; no staining; poorly graded; (0, 90, 10)			1.5	5 14 15			
10									10	
			Same As Above (SAA)			1.5	10 15 17			
15									15	Neat cement grout
			SAA, moderate sweet odor		915 MW-11-20	1.25	9 11 14	0		
20									20	
			SAA, light olive brown (2.5Y, 5/3), some fines, clay lenses (0, 80, 20)			1.5	5 15 17			

GEO FORM 304 V-9_V-10_MW-10_MW-12 6.27.11.GPJ STANTEC ENVRO TEMPLATE 010509.GDT 7/14/11

PROJECT: **BP 0465**
LOCATION: **151 Southgate Ave. Daly City, CA**
PROJECT NUMBER: **211601098.402.3480**

WELL / PROBEHOLE / BOREHOLE NO: **MW-11** PAGE 2 OF 3

DRILLING / INSTALLATION:
STARTED **6/30/11** COMPLETED: **6/30/11**
DRILLING COMPANY: **WDC**
DRILLING EQUIPMENT: **CME 75**
DRILLING METHOD: **Hollow Stem Auger**
SAMPLING EQUIPMENT: **Split Spoon**

NORTHING (ft): EASTING (ft):
LAT: LONG:
GROUND ELEV (ft): TOC ELEV (ft):
INITIAL DTW (ft): **Not Encountered** WELL DEPTH (ft): **70.0**
STATIC DTW (ft): **Not Encountered** BOREHOLE DEPTH (ft): **70.0**
WELL CASING DIA. (in): **4** BOREHOLE DIA. (in): **10**
LOGGED BY: **BMR** CHECKED BY: **JA**

Time & Depth (feet)	Graphic Log	USCS	Description	Sample	Time Sample ID	Measured Recov. (feet)	Blow Count	Headspace PID (units)	Depth (feet)	Well Construction
		SP								Bentonite seal
			SAA, grayish brown (2.5Y, 5/2)			1.5	9 11 12			#3 sand
30									30	
										4" 0.020 slotted SCH 40 PVC well screen
			SAA, sand with fines, light olive brown (2.5Y, 5/4),(0, 80, 20)			1.25	17 9 13			
35									35	
			SAA, olive brown (2.5Y, 4/4), trace fine-grained, rounded gravel (5, 75, 20)		1000 MW-11-40	1.5	9 10 15	0		
40									40	
			SAA, no gravel, (0, 80, 20)			1.5	3 9 11			
45									45	
			SAA, grayish brown (2.5Y, 5/2), (0, 85, 15)		1006	1.25	5 9 16	0		

GEO FORM 304 V-9_V-10_MW-10_MW-12 6.27.11.GPJ STANTEC ENVIRO TEMPLATE 010509.GDT 7/14/11

PROJECT: **BP 0465**
LOCATION: **151 Southgate Ave. Daly City, CA**
PROJECT NUMBER: **211601098.402.3480**

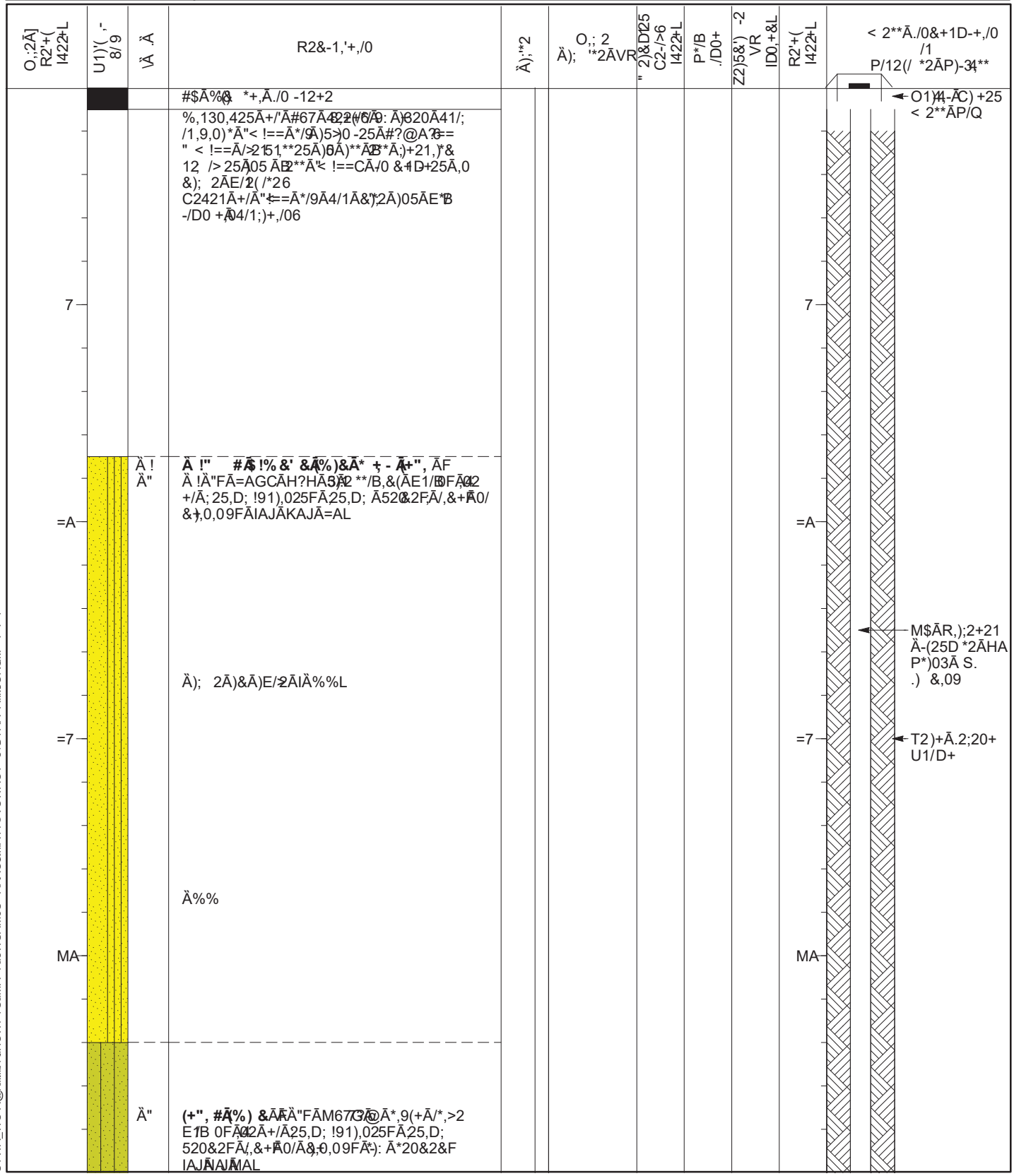
WELL / PROBEHOLE / BOREHOLE NO: **MW-11** PAGE 3 OF 3

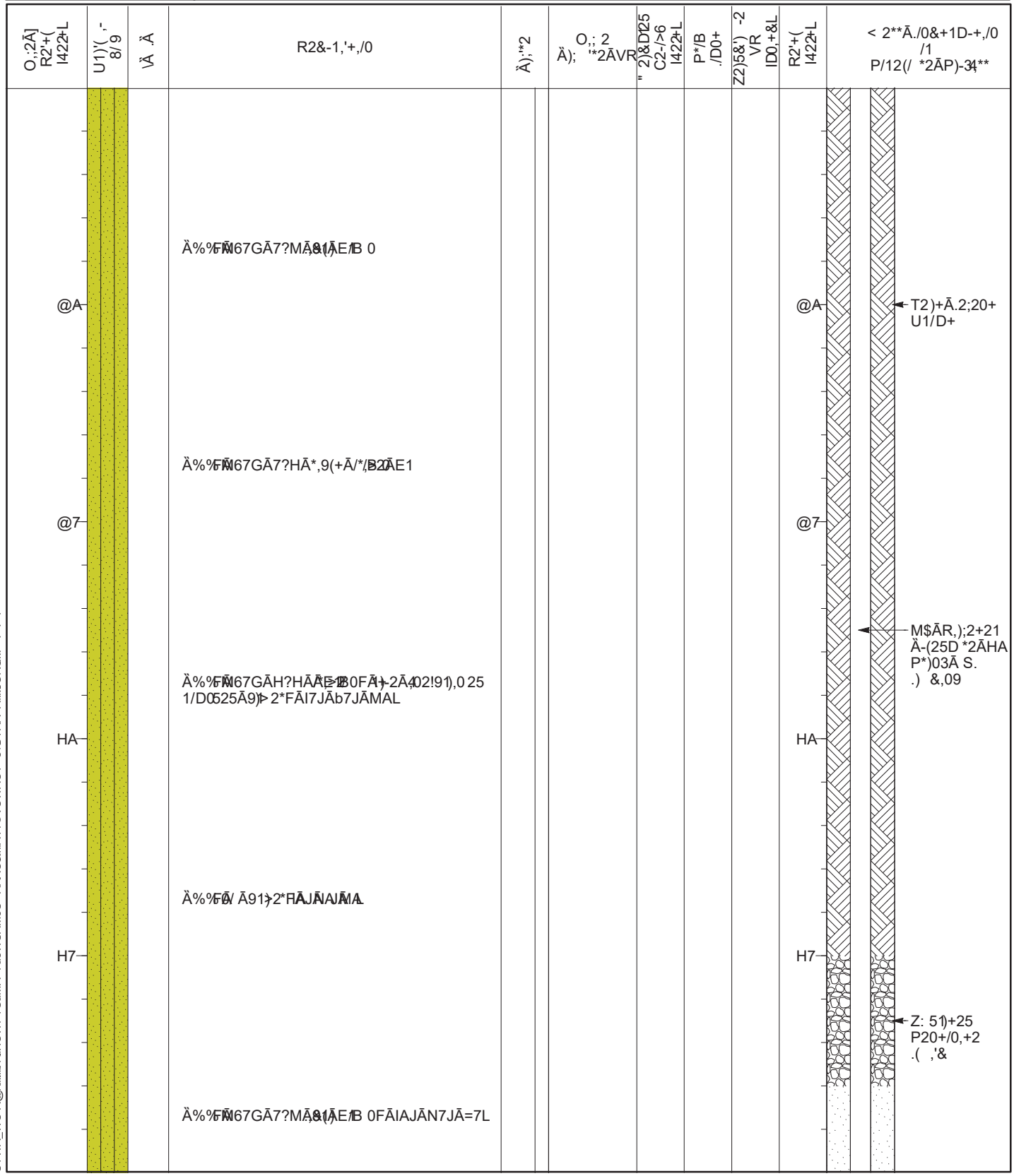
DRILLING / INSTALLATION:
STARTED **6/30/11** COMPLETED: **6/30/11**
DRILLING COMPANY: **WDC**
DRILLING EQUIPMENT: **CME 75**
DRILLING METHOD: **Hollow Stem Auger**
SAMPLING EQUIPMENT: **Split Spoon**

NORTHING (ft): EASTING (ft):
LAT: LONG:
GROUND ELEV (ft): TOC ELEV (ft):
INITIAL DTW (ft): **Not Encountered** WELL DEPTH (ft): **70.0**
STATIC DTW (ft): **Not Encountered** BOREHOLE DEPTH (ft): **70.0**
WELL CASING DIA. (in): **4** BOREHOLE DIA. (in): **10**
LOGGED BY: **BMR** CHECKED BY: **JA**

Time & Depth (feet)	Graphic Log	USCS	Description	Sample	Time Sample ID	Measured Recov. (feet)	Blow Count	Headspace PID (units)	Depth (feet)	Well Construction
		SP	SAA, olive brown (2.5Y, 4/3), trace fine-grained, rounded gravel (5, 80, 15)		MW-11-50	1.5	9 15 20			
			SAA			1	9 13 21			
			SAA, no gravel (0, 85, 15)		1030 MW-11-55	1	10 13 16	0		
55			SAA			.75	2 15 43		55	
			SAA			.75	9 15 20			
			SAA		1040 MW-11-60	1.25	11 19 30	0	60	Bentonite seal
60						1.5	16 23 40			
			SAA			1.25	16 27 50+			
			SAA, trace fine-grained, rounded gravel (0, 85, 15)		1222 MW-11-65	1.25	9 12 15	0		
65			SAA, no gravel (0, 85, 15)			1	17 37 33		65	
						.25	9 16 28			
			SAA			1	9 11 19			
70			Borehole terminated at 70 feet.		1245 MW-11-70			0	70	

GEO FORM 304 V-9_V-10_MW-10_MW-12 6.27.11.GPJ STANTEC ENVIRO TEMPLATE 010509.GDT 7/14/11


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PROJECT: **BP 0465**
LOCATION: **151 Southgate Ave. Daly City, CA**
PROJECT NUMBER: **211601098.402.3480**

WELL / PROBEHOLE / BOREHOLE NO: **MW-12** PAGE 1 OF 3

DRILLING / INSTALLATION:
STARTED **6/28/11** COMPLETED: **6/28/11**
DRILLING COMPANY: **WDC**
DRILLING EQUIPMENT: **CME 75**
DRILLING METHOD: **Hollow Stem Auger**
SAMPLING EQUIPMENT: **Split Spoon**

NORTHING (ft): EASTING (ft):
LAT: LONG:
GROUND ELEV (ft): TOC ELEV (ft):
INITIAL DTW (ft): **Not Encountered** WELL DEPTH (ft): **58.5**
STATIC DTW (ft): **Not Encountered** BOREHOLE DEPTH (ft): **58.3**
WELL CASING DIA. (in): **4** BOREHOLE DIA. (in): **10**
LOGGED BY: **BMR** CHECKED BY: **JA**

Time & Depth (feet)	Graphic Log	USCS	Description	Sample	Time Sample ID	Measured Recov. (feet)	Blow Count	Headspace PID (units)	Depth (feet)	Well Construction
			Top 6 inches asphalt							10" traffic rated well box
			Top 6.5 feet air knifed							
5									5	
										4" SCH 40 PVC well casing
		SP	**SAND** ; SP; (10YR, 5/6) yellowish brown; fine to medium-grained; medium dense; moist; no odor; no staining; poorly graded; (0, 95, 5)			1.5	4 5 9			
10									10	
			Same As Above (SAA), color change, light olive brown (2.5Y, 5/4)			1.5	5 12 15			
15									15	Neat cement grout
			SAA, some silt little clay layers, (0, 85, 15)			1.5	3 10 15			
			SAA, little to no fines		930 MW-12-20			0		
20									20	
			SAA			1.5	10 14 15			
					955			0		

PROJECT: **BP 0465**
LOCATION: **151 Southgate Ave. Daly City, CA**
PROJECT NUMBER: **211601098.402.3480**

WELL / PROBEHOLE / BOREHOLE NO: **MW-12** PAGE 2 OF 3

DRILLING / INSTALLATION:
STARTED **6/28/11** COMPLETED: **6/28/11**
DRILLING COMPANY: **WDC**
DRILLING EQUIPMENT: **CME 75**
DRILLING METHOD: **Hollow Stem Auger**
SAMPLING EQUIPMENT: **Split Spoon**

NORTHING (ft): EASTING (ft):
LAT: LONG:
GROUND ELEV (ft): TOC ELEV (ft):
INITIAL DTW (ft): **Not Encountered** WELL DEPTH (ft): **58.5**
STATIC DTW (ft): **Not Encountered** BOREHOLE DEPTH (ft): **58.3**
WELL CASING DIA. (in): **4** BOREHOLE DIA. (in): **10**
LOGGED BY: **BMR** CHECKED BY: **JA**

Time & Depth (feet)	Graphic Log	USCS	Description	Sample	Time Sample ID	Measured Recov. (feet)	Blow Count	Headspace PID (units)	Depth (feet)	Well Construction
		SP			MW-12-40					
			SAA			1.5	3 10 13			
30									30	
			SAA, some silt and clay, (0, 80, 20)			1.5	9 15 16			
35									35	Bentonite seal
										#3 sand
			SAA, little fines, (0, 95, 5)			1.5	6 9 19			
40									40	
										4" 0.020 slotted SCH 40 PVC well screen
			SAA			1	3 9 20			
45									45	
			SAA		1005	1	10 14 15	0		

GEO FORM 304 V-9_V-10_MW-10_MW-12 6.27.11.GPJ STANTEC ENVRO TEMPLATE 010509.GDT 7/14/11

PROJECT: **BP 0465**
LOCATION: **151 Southgate Ave. Daly City, CA**
PROJECT NUMBER: **211601098.402.3480**

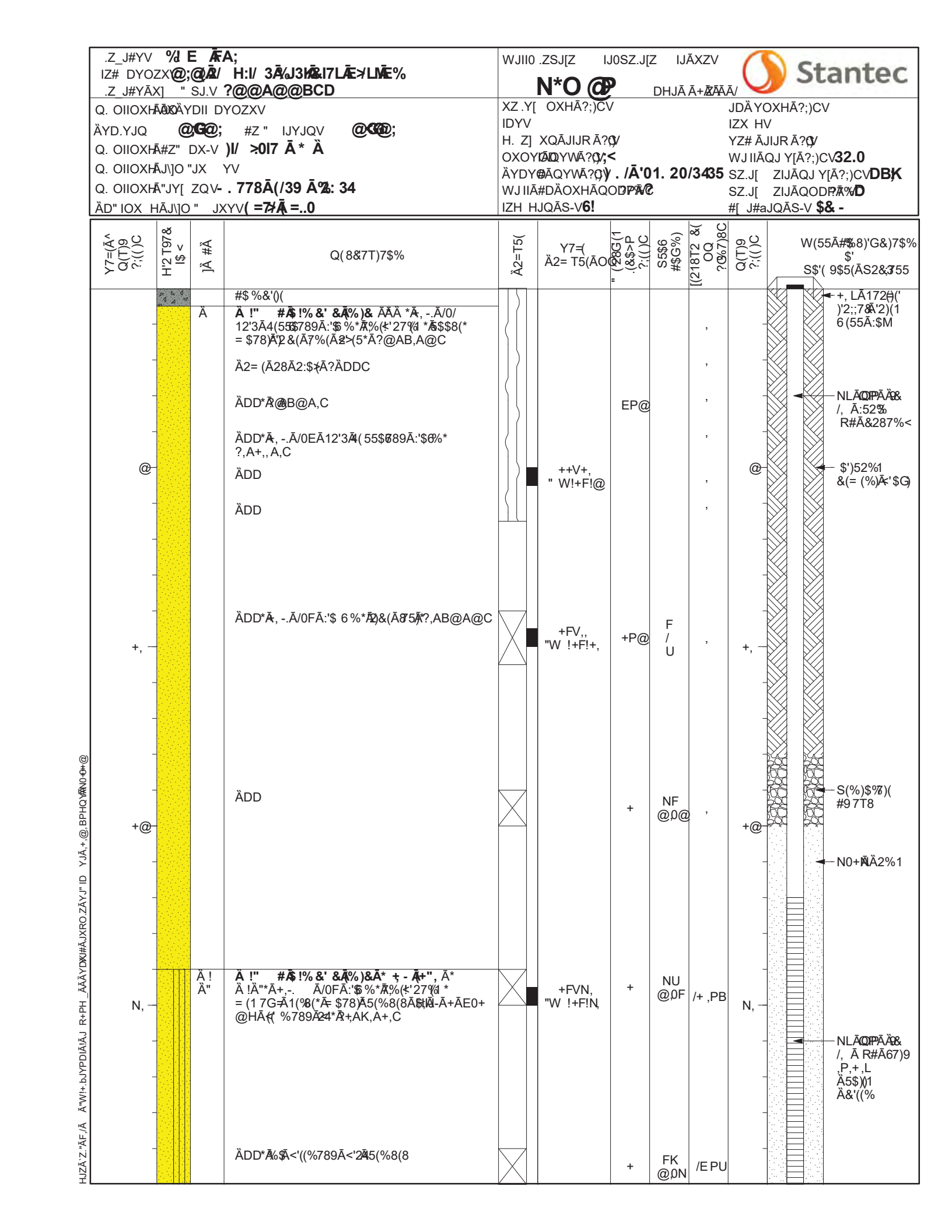
WELL / PROBEHOLE / BOREHOLE NO: **MW-12** PAGE 3 OF 3

DRILLING / INSTALLATION:
STARTED **6/28/11** COMPLETED: **6/28/11**
DRILLING COMPANY: **WDC**
DRILLING EQUIPMENT: **CME 75**
DRILLING METHOD: **Hollow Stem Auger**
SAMPLING EQUIPMENT: **Split Spoon**

NORTHING (ft): EASTING (ft):
LAT: LONG:
GROUND ELEV (ft): TOC ELEV (ft):
INITIAL DTW (ft): **Not Encountered** WELL DEPTH (ft): **58.5**
STATIC DTW (ft): **Not Encountered** BOREHOLE DEPTH (ft): **58.3**
WELL CASING DIA. (in): **4** BOREHOLE DIA. (in): **10**
LOGGED BY: **BMR** CHECKED BY: **JA**

Time & Depth (feet)	Graphic Log	USCS	Description	Sample	Time Sample ID	Measured Recov. (feet)	Blow Count	Headspace PID (units)	Depth (feet)	Well Construction
		SP	SAA		MW-12-50	1.25	5 9 13			
			SAA			.75	5 9 43			
			SAA, little fine to medium-grained subrounded gravel, (5, 90, 5)			1.25	5 6 10			
55			SAA, no gravel, (0, 95, 5)		1030 MW-12-55			0	55	
		SM	**SILTY SAND WITH CLAY** ; SM; (10YR, 4/3) brown; fine-grained; dense; moist; no odor; no staining; (0, 60, 40)			1.25	5 6 20			
		ML	**SANDY SILT WITH CLAY** ; ML; (10YR, 4/3) brown; medium plasticity; medium dense; moist; no odor; no staining; (0, 40, 60)		1045 MW-12-57	1.25	5 10 15	0 0		
					1100 MW-12-58					
			Borehole terminated at 58.3 feet.							
60									60	
65									65	
70									70	

GEO FORM 304 V-9_V-10_MW-10_MW-12 6.27.11.GPJ STANTEC ENVIRO TEMPLATE 010509.GDT 7/14/11



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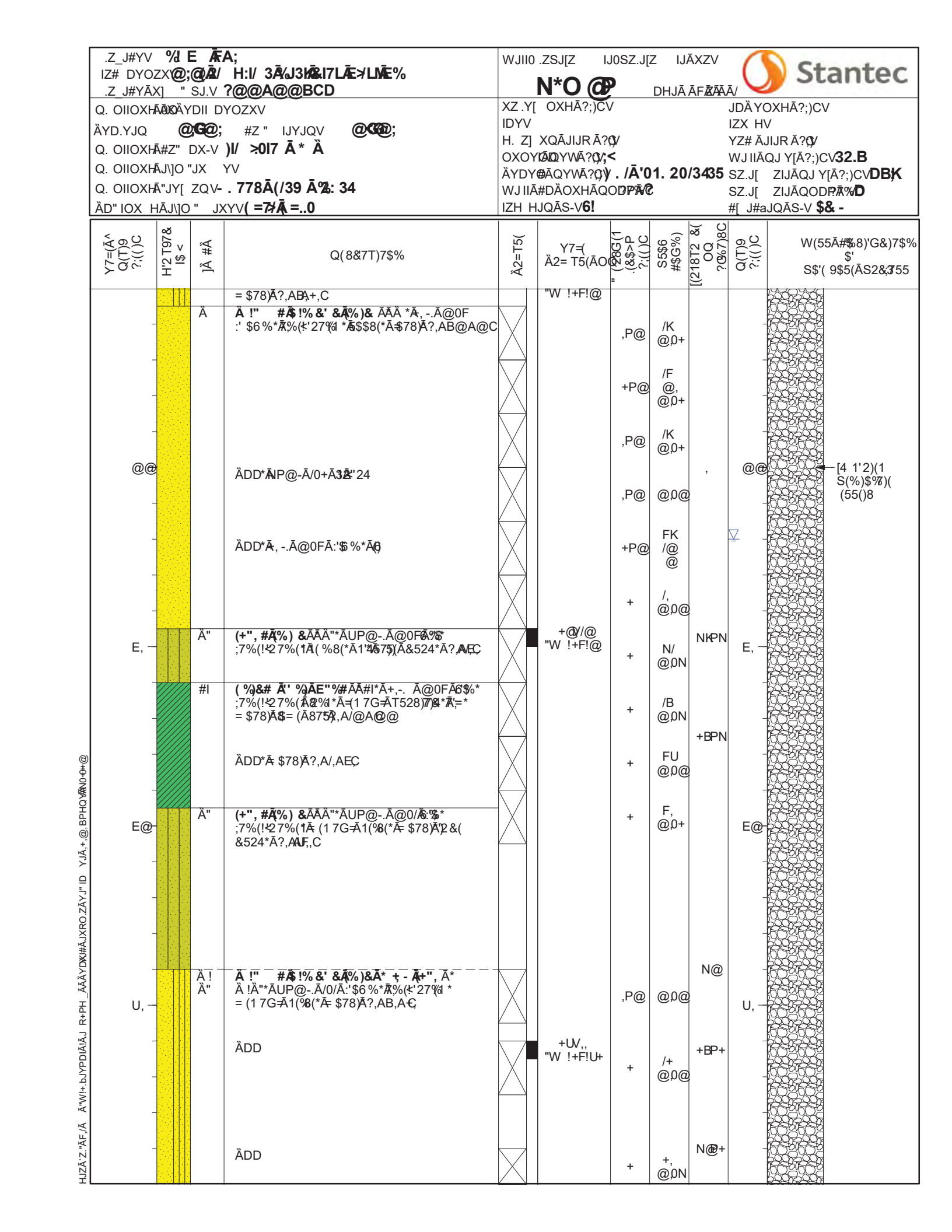
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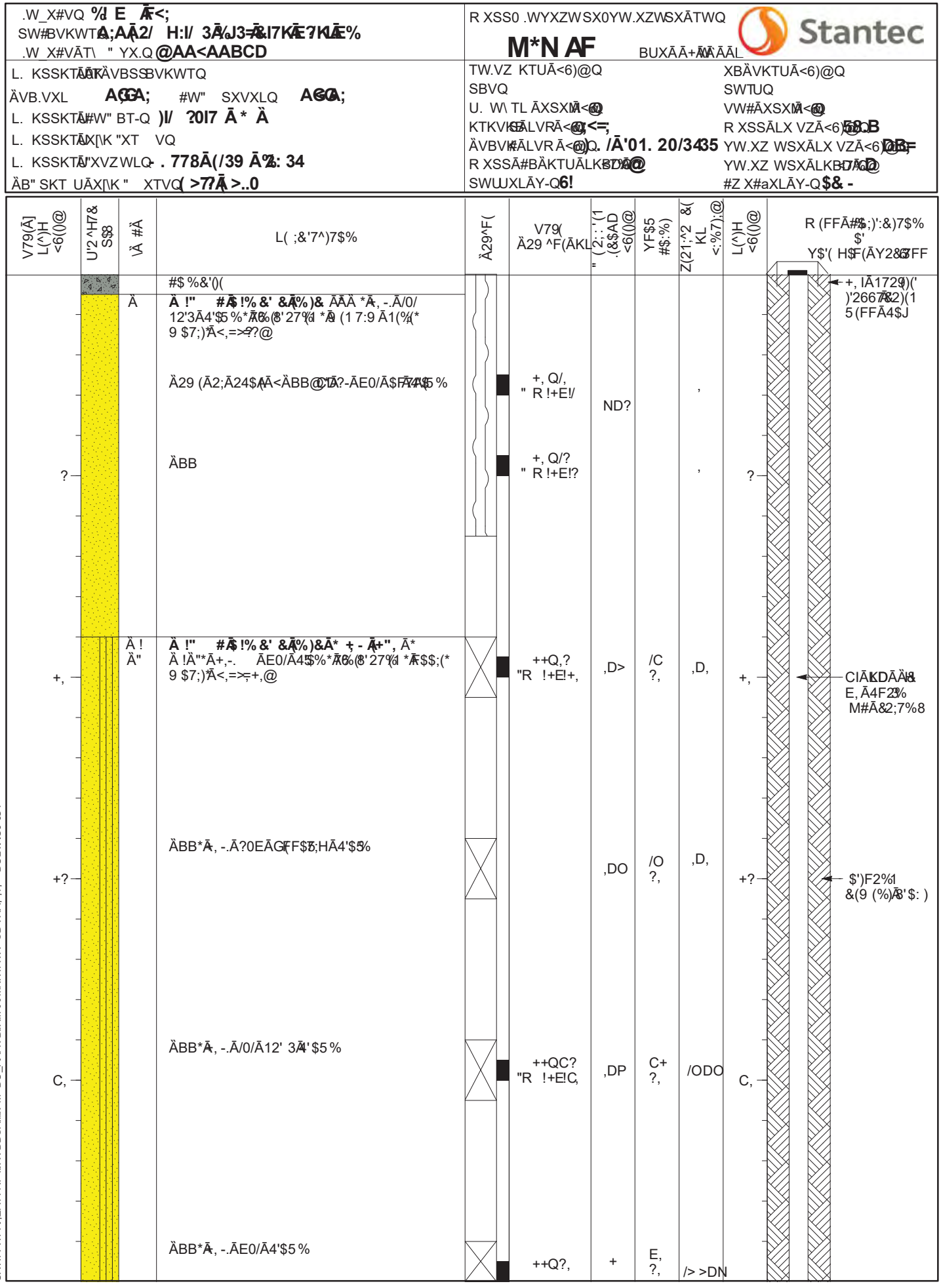
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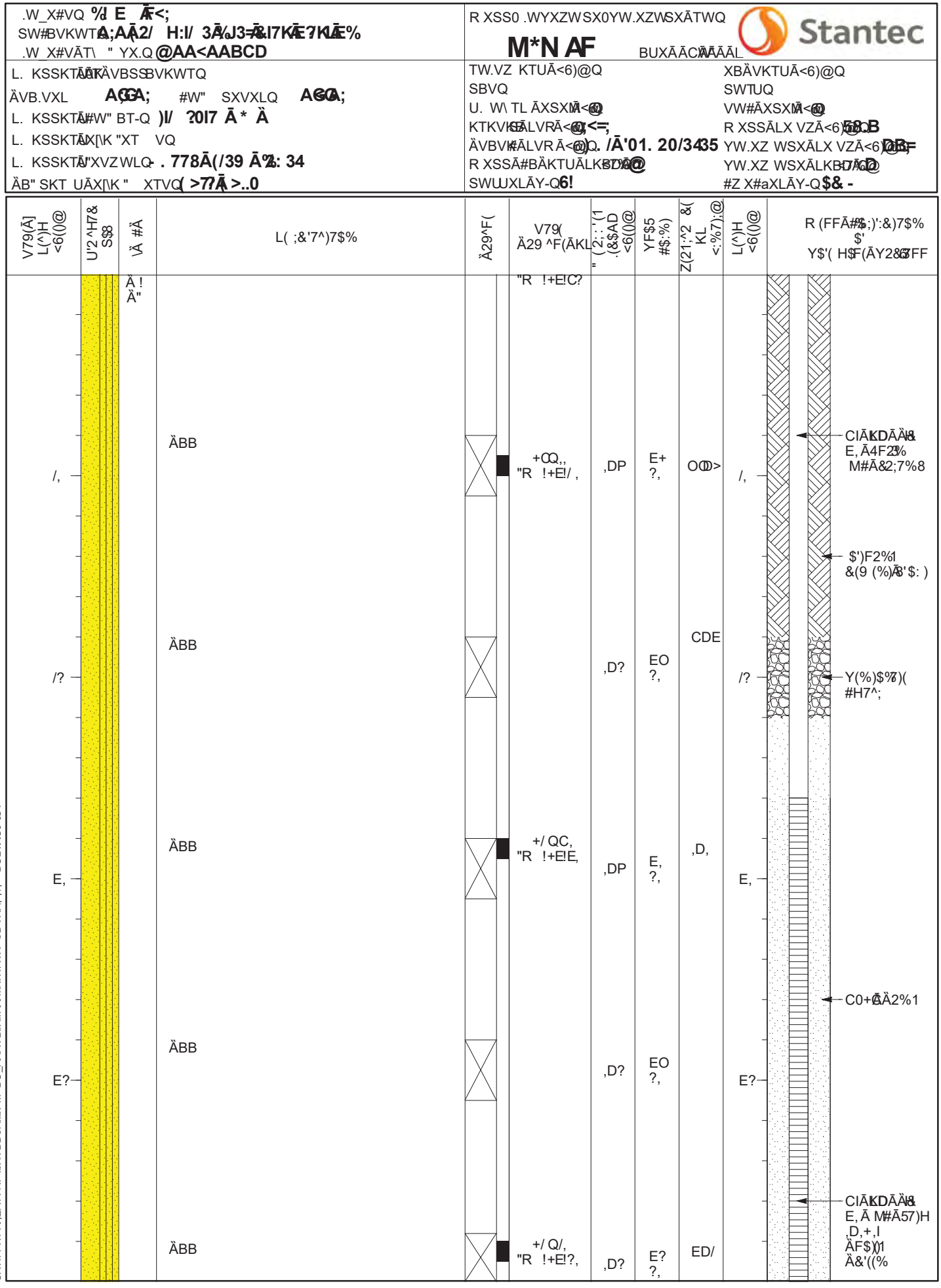
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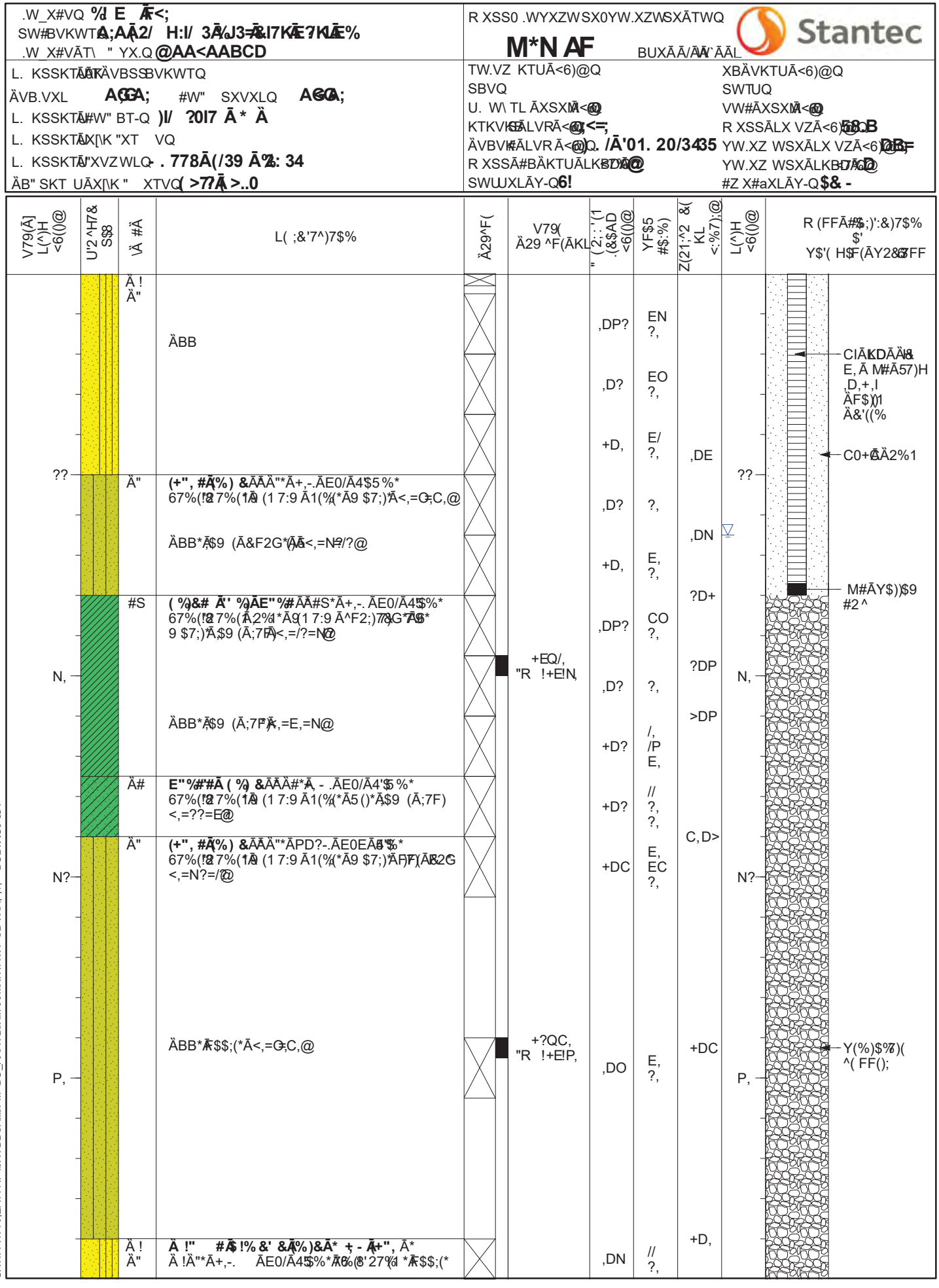
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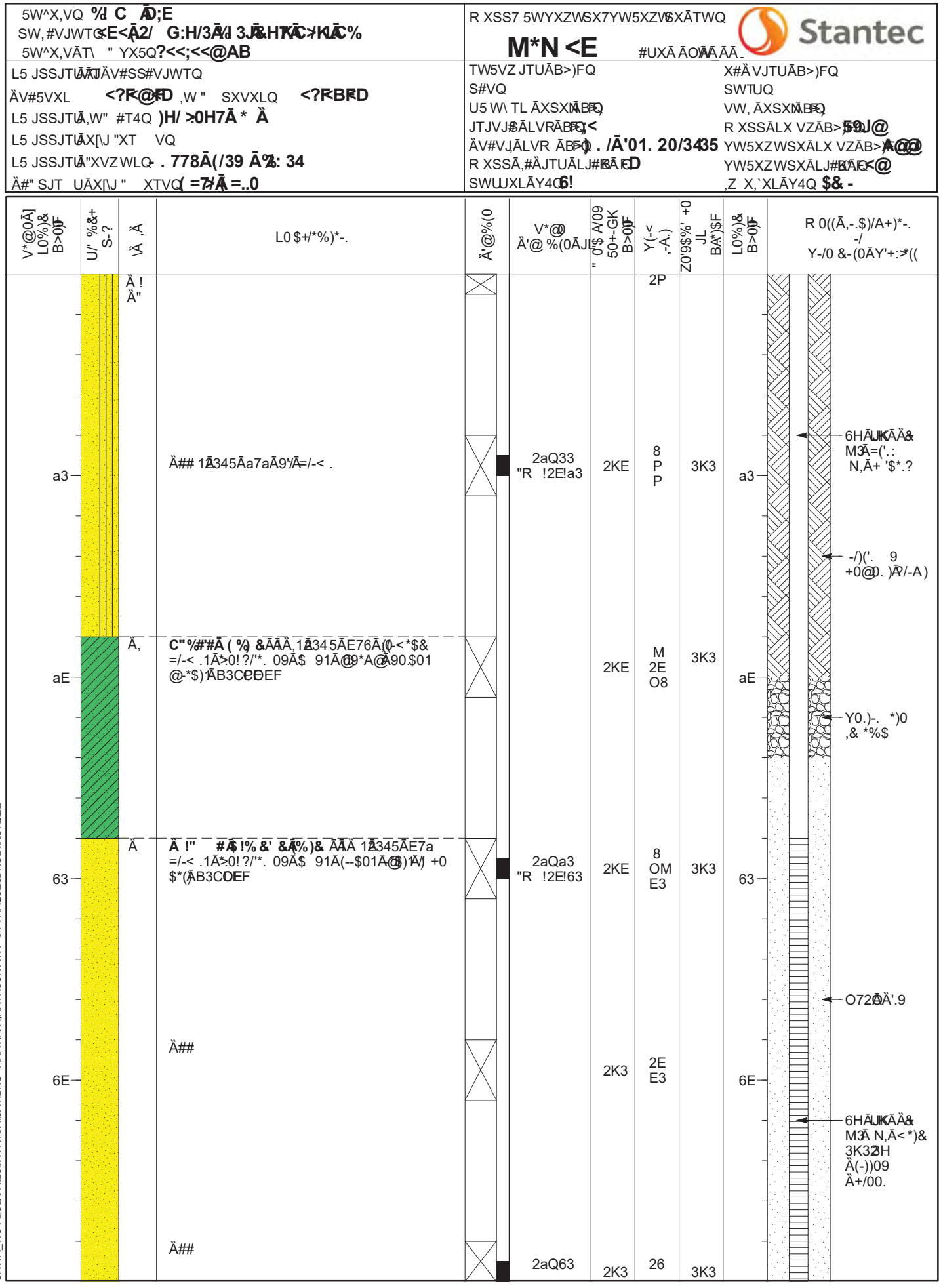
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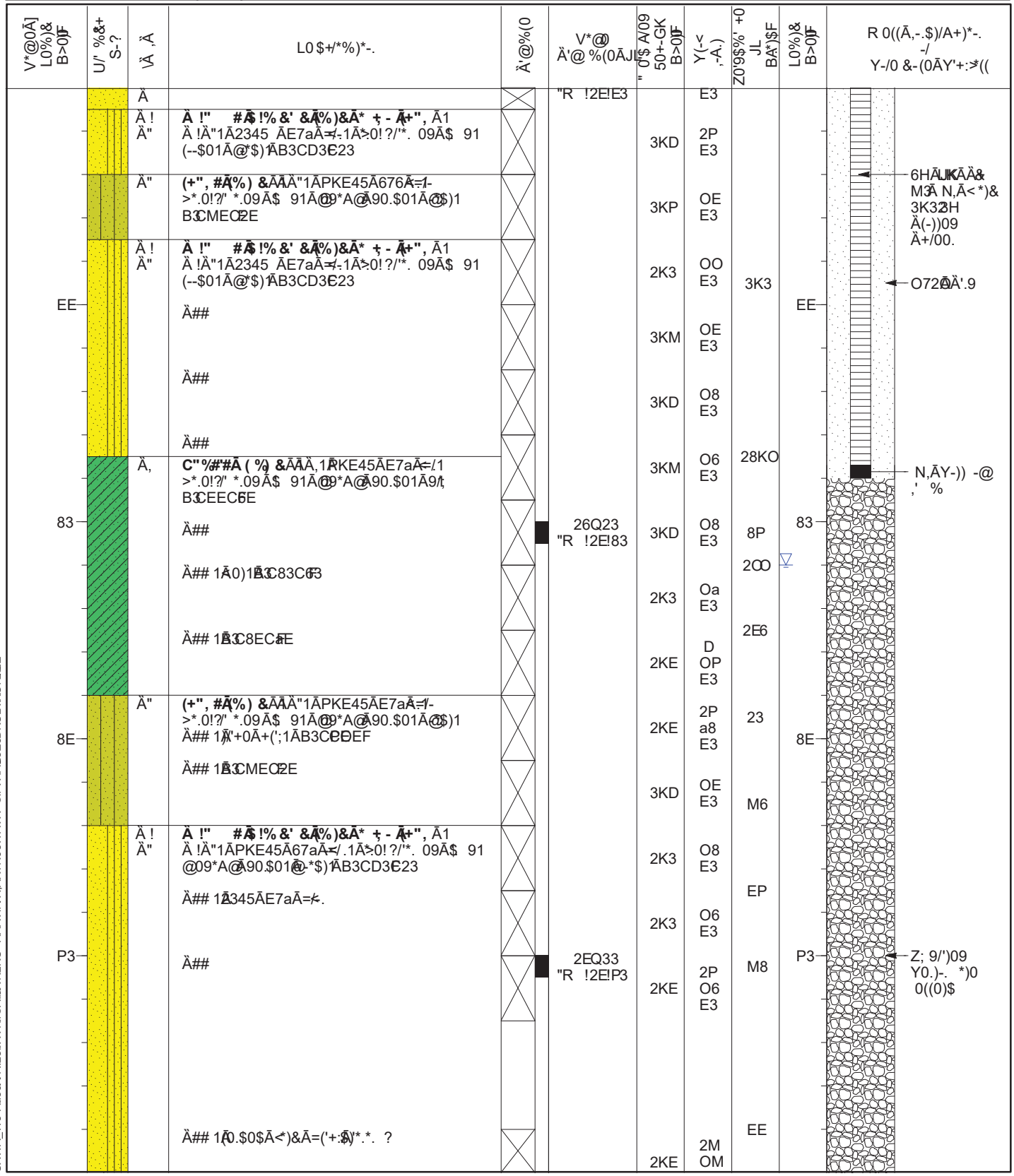
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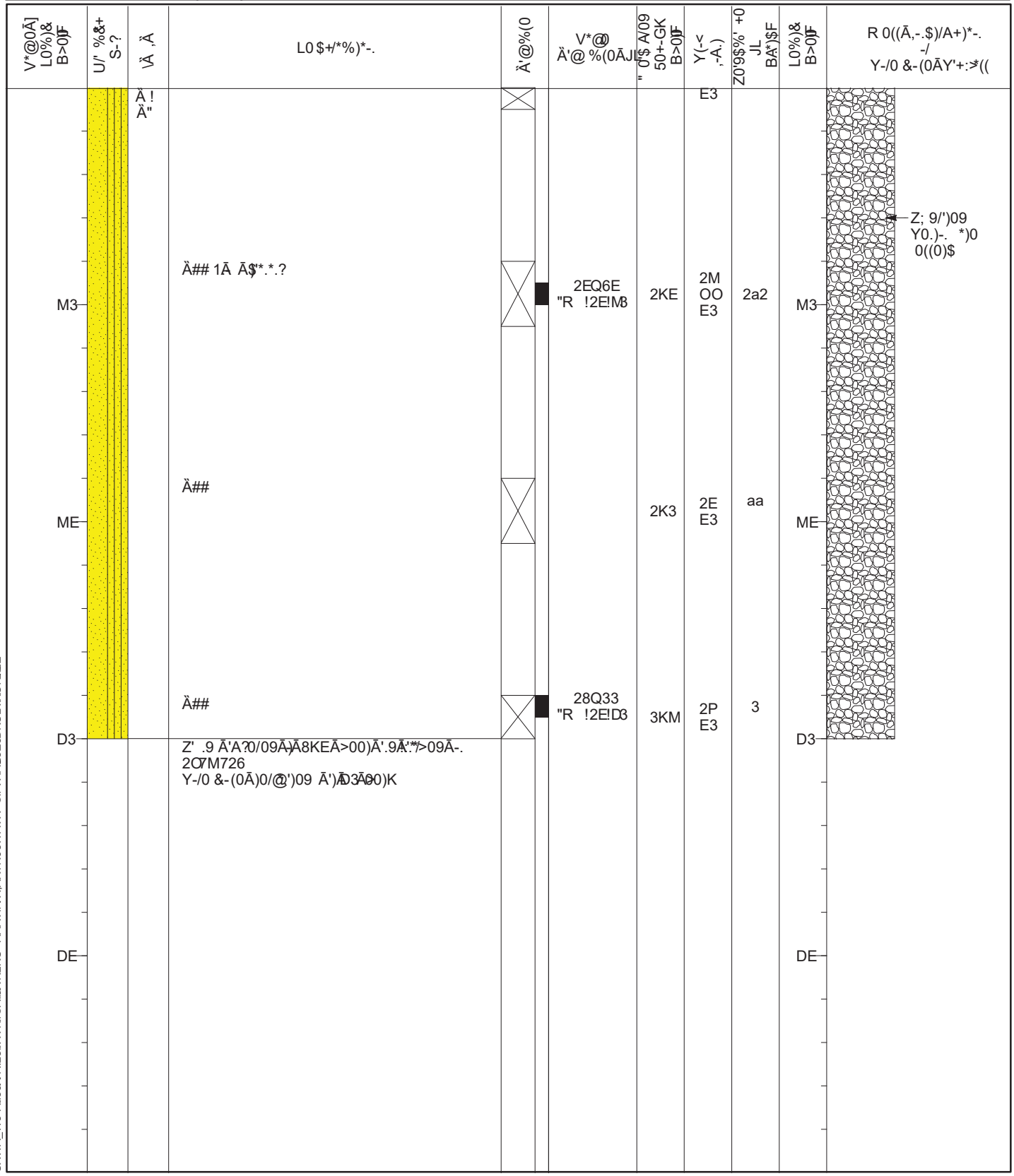
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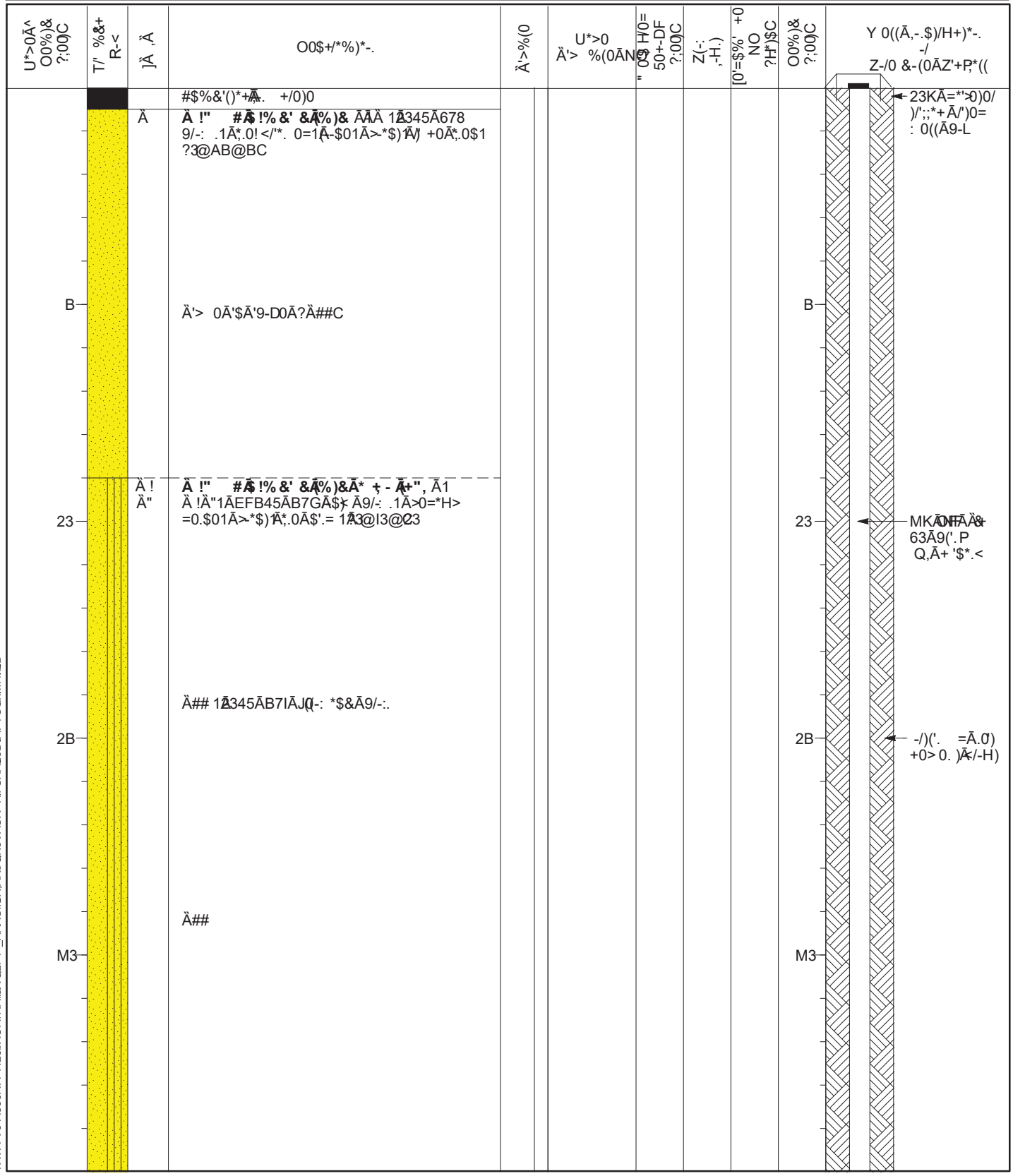
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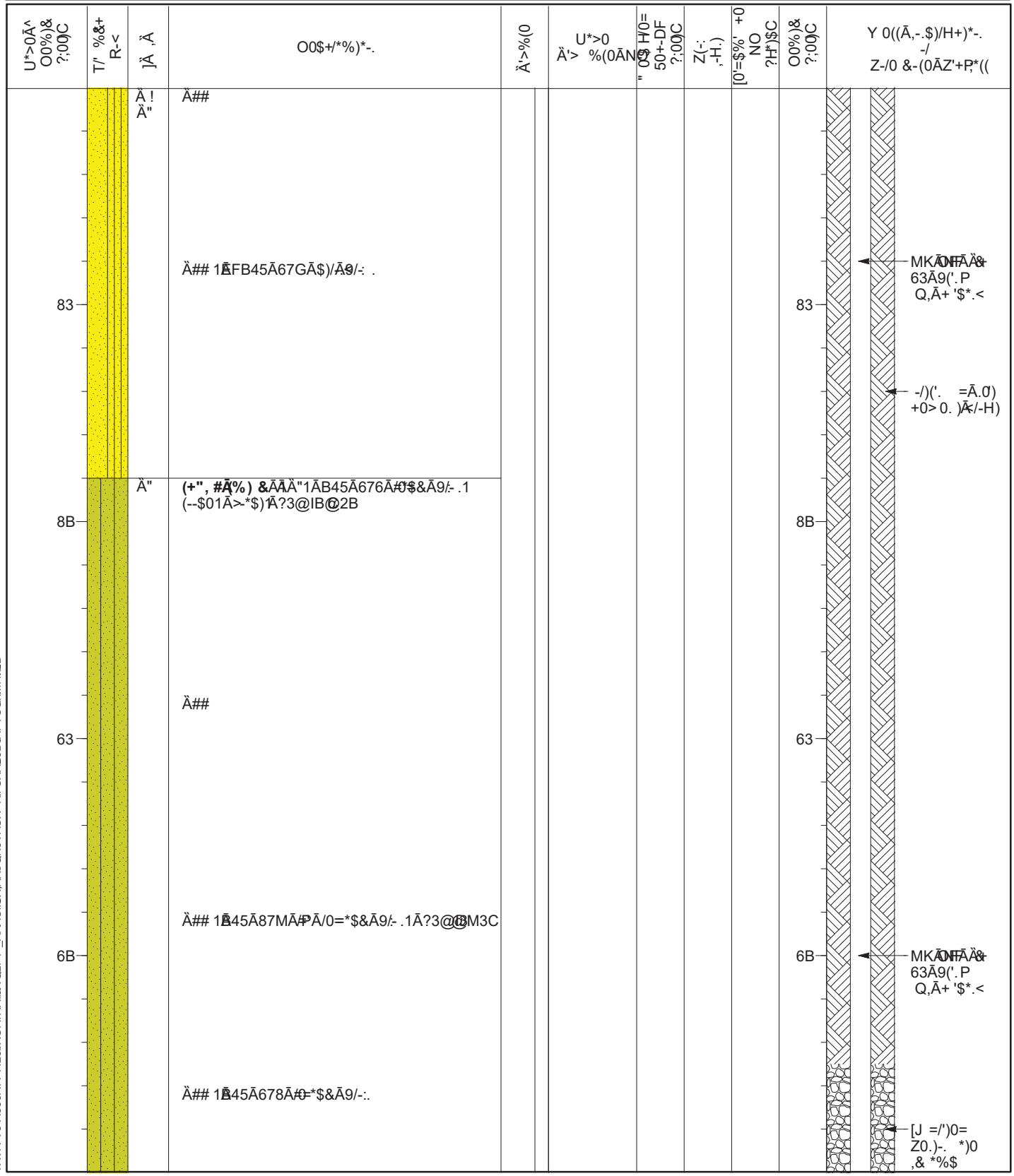
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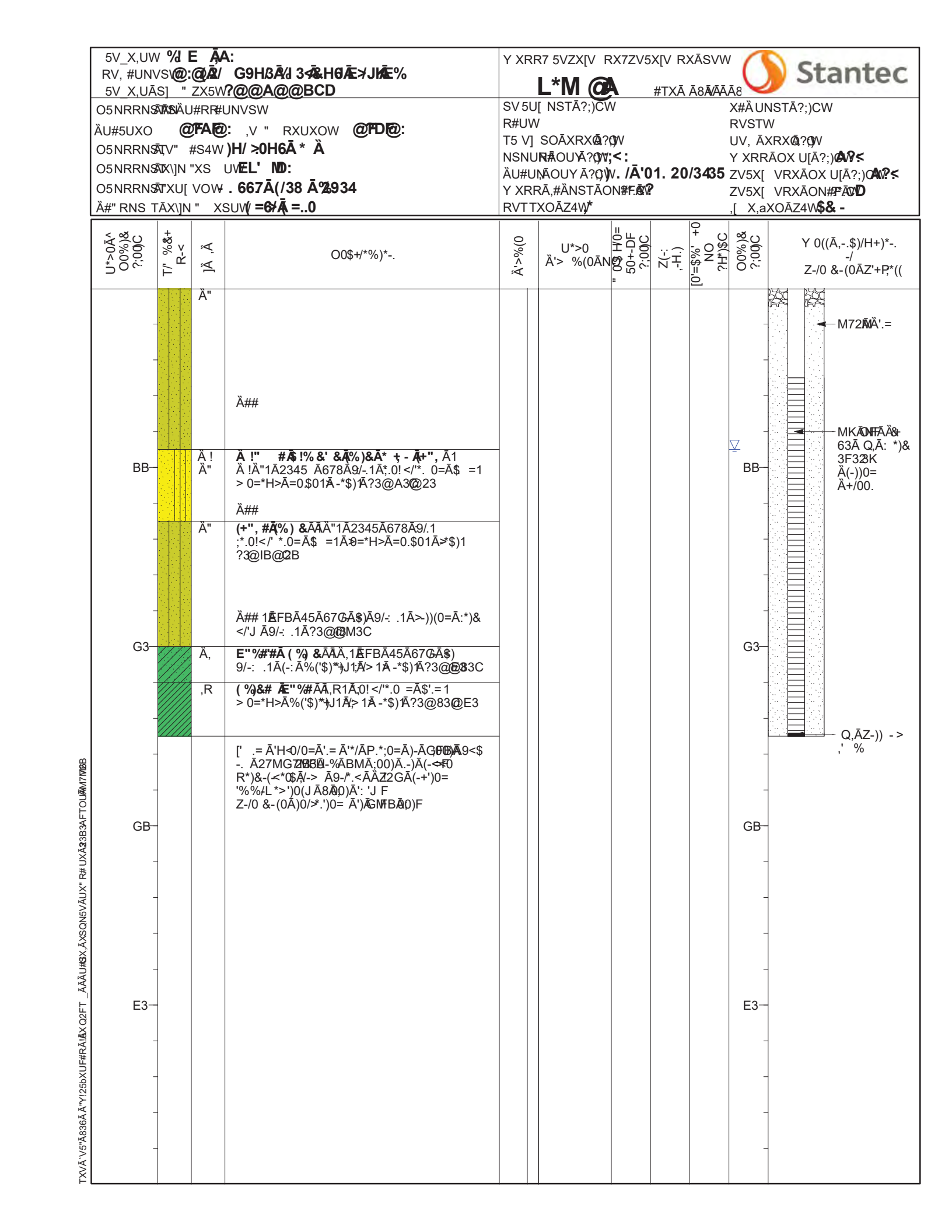

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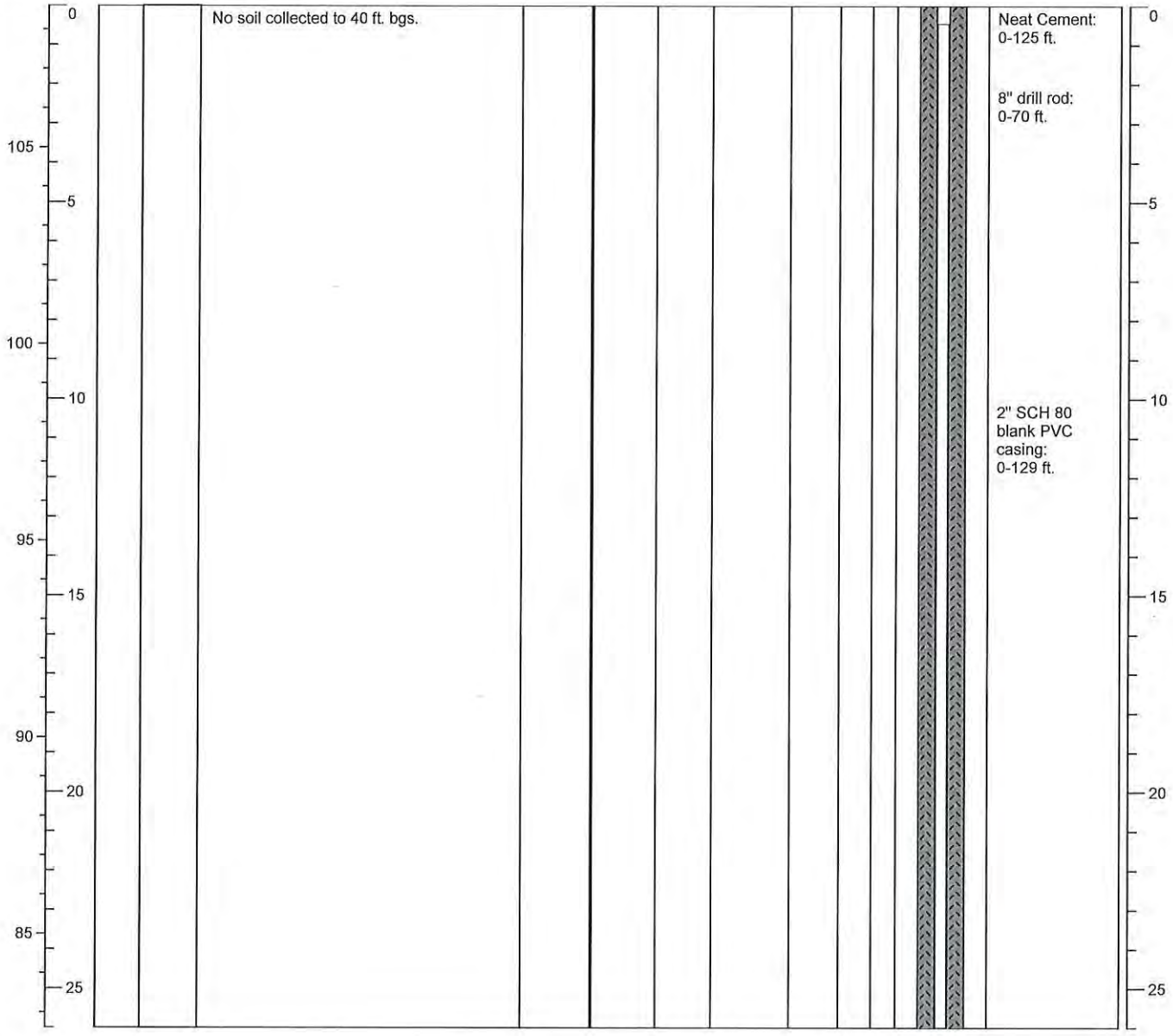

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Project Name	Monitoring Well Construction Log		Well Number
Arco Service Station No. 465			MW-16D

Address 151 Southgate Avenue Daly City California	Drilling Contractor Cascade Drilling & Testing	Ground Surface Elevation: 108.61	Top of Casing Elevation: 108.16
	Drilling Method Sonic	Boring Depth 149 ft.	Boring Diameter 7 in. (0-70') / 8 in. (70-149')
Logged By: J. Black Approved By: R. Bussard	Sampling Method Split-spoon ahead of sonic	Well Depth: 149 ft. Casing Type: 2" SCH 80 PVC	Well Screen Interval: 129 - 149 ft. Slot Size: 0.010
Antea Group Project Number 00465EA191	Headspace Monitoring Device PID	Date Drilling Started 3/7/19	Date Drilling Completed 3/13/19

LITHOLOGY | SAMPLING DATA

Elevation	Depth	Graphic Log	USCS	Visual Description	Moisture Content	Headspace (ppm)	Soil Temperature (degrees F)	Sample Interval (ft)	Recovery (%)	Lab Analysis	Water Level	Well Diagram	Well Details	Depth
				No soil collected to 40 ft. bgs.									Neat Cement: 0-125 ft. 8" drill rod: 0-70 ft. 2" SCH 80 blank PVC casing: 0-129 ft.	



Soil samples collected for laboratory analysis EPA Method 5035.

▽ First Encountered Groundwater ▼ Static Groundwater

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Project Name	Monitoring Well Construction Log		Well Number
Arco Service Station No. 465			MW-16D
Address 151 Southgate Avenue Daly City California	Drilling Contractor Cascade Drilling & Testing	Ground Surface Elevation: 108.61	Top of Casing Elevation: 108.16
	Drilling Method Sonic	Boring Depth 149 ft.	Boring Diameter 7 in. (0-70') / 8 in. (70-149')
Logged By / Approved By J. Black / R. Bussard	Sampling Method Split-spoon ahead of sonic	Well Depth / Casing Type 149 ft. / 2" SCH 80 PVC	Well Screen Interval / Slot Size 129 - 149 ft. / 0.010
Antea Group Project Number 00465EA191	Headspace Monitoring Device PID	Date Drilling Started 3/7/19	Date Drilling Completed 3/13/19

LITHOLOGY | SAMPLING DATA

Elevation	Depth	Graphic Log	USCS	Visual Description	Moisture Content	Headspace (ppm)	Soil Temperature (degrees F)	Sample Interval (ft)	Recovery (%)	Lab Analysis	Water Level	Well Diagram	Well Details	Depth
80	30													30
75	35													35
70	40		SP-SM	Fine sand with silty fines; Ped-like texture in fines, 7.5 YR 3/2 dark brown	moist	3.2	70.2 79.9							40
65	45		SP	Fine sand with trace fines; peds, 7.5 YR 4/4 brown	moist moist moist	10.0 5.3 8.5	63.9							45
60	50		SM	Organic rich silty fine sand; sand is 7.5 YR 5/2 very dark brown, fines are 7.5 YR 2.5/1 black	moist	14.3								50
			SM/ML	Silty fine sand; 7.5 YR 2.5/1 black	damp	20.7								

Soil samples collected for laboratory analysis EPA Method 5035.

▽ First Encountered Groundwater ▼ Static Groundwater

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Project Name	Monitoring Well Construction Log	Well Number
Arco Service Station No. 465		MW-16D

Address	Drilling Contractor	Ground Surface Elevation:	Top of Casing Elevation:
151 Southgate Avenue	Cascade Drilling & Testing	108.61	108.16
Daly City California	Drilling Method: Sonic	Boring Depth: 149 ft.	Boring Diameter: 7 in. (0-70') / 8 in. (70-149')
Logged By: J. Black / Approved By: R. Bussard	Sampling Method: Split-spoon ahead of sonic	Well Depth: 149 ft. / Casing Type: 2" SCH 80 PVC	Well Screen Interval: 129 - 149 ft. / Slot Size: 0.010
Antea Group Project Number: 00465EA191	Headspace Monitoring Device: PID	Date Drilling Started: 3/7/19	Date Drilling Completed: 3/13/19

LITHOLOGY | SAMPLING DATA

Elevation	Depth	Graphic Log	USCS	Visual Description	Moisture Content	Headspace (ppm)	Soil Temperature (degrees F)	Sample Interval (ft)	Recovery (%)	Lab Analysis	Water Level	Well Diagram	Well Details	Depth
			ML	Sandy silt; 7.5 YR 2.5/1 black, cobbles (>2")										
55			SP-SM	Fine sand with silty fines; 7.5 YR 4/2 brown, platy organic peds, large angular gravel	damp	7.2	69.3				▽			
	55			as above; 4" lens of silty sand	wet	6.9								55
			SP	Fine sand with trace fines; Gley 1 2.5/10 Y greenish black	wet	10.5	62.2							
50				as above; 7.5 YR 4/2 brown	wet	6.3	65							
	60			as above; 7.5 YR 3/3 dark brown	wet	10.1	63							60
45				as above; with angular gravel (0.5-2")	wet	13.2								
	65				wet	14.2 22.0	60							65
				as above; thin clay lens at base	wet	3.7		66.5	100					
			SM	Silty Sand; Gley 4/1 dark greenish gray, 70% fine sand, 30% fines, cohesive	wet damp								2' of hydrated bentonite chips sealed off 8" drill rod from 7" drill rod.	
40	70		ML	Sandy silt; Gley 4/1 dark greenish gray, non-plastic	damp	2.0		70	100				7" drill rod: 70-149 ft.	70
			CL	Clay with trace medium sand; Gley 4/1 dark greenish gray, stiff			64							
35			SP-SC	Fine sand with clayey fines; Gley 4/1 dark greenish gray	damp	0.1								
	75		SP	Fine-medium sand with trace fines; Gley 1 3/1 very dark greenish gray	moist		58							75
				as above; dense	moist	0.2 2.4	72	76	100					

Soil samples collected for laboratory analysis EPA Method 5035.

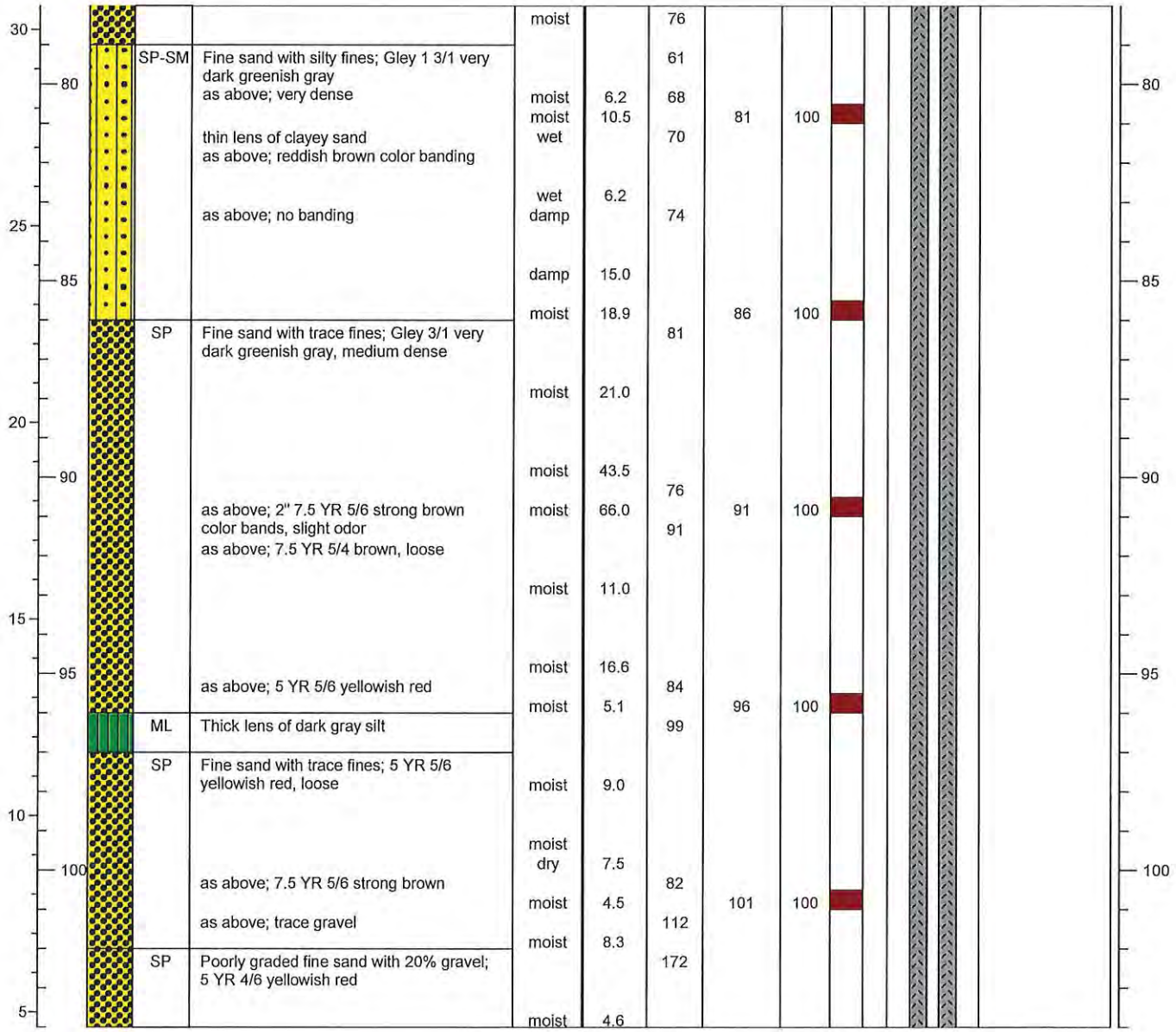
▽ First Encountered Groundwater ▼ Static Groundwater

antea group INOGEN®

Project Name	Monitoring Well Construction Log		Well Number
Arco Service Station No. 465			MW-16D

Address 151 Southgate Avenue Daly City California	Drilling Contractor Cascade Drilling & Testing	Ground Surface Elevation: 108.61	Top of Casing Elevation: 108.16
	Drilling Method Sonic	Boring Depth 149 ft.	Boring Diameter 7 in. (0-70') / 8 in. (70-149')
Logged By: J. Black; Approved By: R. Bussard	Sampling Method Split-spoon ahead of sonic	Well Depth: 149 ft.; Casing Type: 2" SCH 80 PVC	Well Screen Interval: 129 - 149 ft.; Slot Size: 0.010
Antea Group Project Number 00465EA191	Headspace Monitoring Device PID	Date Drilling Started 3/7/19	Date Drilling Completed 3/13/19

LITHOLOGY | SAMPLING DATA



Soil samples collected for laboratory analysis EPA Method 5035.

▽ First Encountered Groundwater ▼ Static Groundwater

antea group INOGEN®

Project Name	Monitoring Well Construction Log	Well Number
Arco Service Station No. 465		MW-16D

Address 151 Southgate Avenue Daly City California	Drilling Contractor Cascade Drilling & Testing	Ground Surface Elevation: 108.61	Top of Casing Elevation: 108.16
	Drilling Method Sonic	Boring Depth 149 ft.	Boring Diameter 7 in. (0-70') / 8 in. (70-149')
Logged By: J. Black / Approved By: R. Bussard	Sampling Method Split-spoon ahead of sonic	Well Depth: 149 ft. / Casing Type: 2" SCH 80 PVC	Well Screen Interval: 129 - 149 ft. / Slot Size: 0.010
Antea Group Project Number 00465EA191	Headspace Monitoring Device PID	Date Drilling Started 3/7/19	Date Drilling Completed 3/13/19

LITHOLOGY | SAMPLING DATA

Elevation	Depth	Graphic Log	USCS	Visual Description	Moisture Content	Headspace (ppm)	Soil Temperature (degrees F)	Sample Interval (ft)	Recovery (%)	Lab Analysis	Water Level	Well Diagram	Well Details	Depth
	105		SP-SM	Sand with silty fines; 7.5 YR 6/3 light brown; well indurated	dry	-	87	105	100					105
				as above; 7.5 YR 5/4 brown, trace gravel	dry	1.1	91							
0					dry	1.2								
	110		SP	Fine sand; trace gravel, angular mudstone/claystone clasts	dry		75	110	100					110
			SM	Fine silty sand (~20%); laminated silt bands throughout; 5 YR 5/8 yellowish red			87							
			SM	Fine silty sand; 5 YR 5/8 yellowish red, well indurated	moist damp	3.2	80							
-5					damp	4.7								
	115		ML	Silt with sand and clayey fines; 5 YR 4/4 reddish brown	moist	2.1	71	115	100					115
			SM/ML	Silty sand; 5 YR 4/4 reddish brown	moist	4.8	91							
			SM	Silty sand; 5 YR 4/4 reddish brown	moist	3.4	91							
			SP-SM	Fine sand with silty fines; 5 YR 4/4 reddish brown	moist									
-10			SM	Silty sand (~20%); laminated silt bands throughout; 5 YR 5/8 yellowish red, moderately indurated	moist	6.9	61							
	120				moist	3.5	68	120	100					120
					moist	3.2								
			SP-SM	Fine sand with silty fines (~10%); 7.5 YR 6/6 reddish yellow, oxidized color bands	damp									
-15					damp	3.1								
	125		SP	Sand with trace fines; 5 YR 5/8 yellowish red		2.2		125						125
					moist	4.7							Bentonite: 125 - 127 ft.	
			SM	Silty sand (15%), 5 YR 5/8 yellowish red, increased cohesion									#2/12 Sand Filter Pack: 127-149 ft.	
-20					moist	1.8								
	130				dry	2.5		130	100					130

Soil samples collected for laboratory analysis EPA Method 5035.

▽ First Encountered Groundwater ▼ Static Groundwater

antea group INOGEN®

Project Name	Monitoring Well Construction Log		Well Number
Arco Service Station No. 465			MW-16D

Address 151 Southgate Avenue Daly City California	Drilling Contractor Cascade Drilling & Testing	Ground Surface Elevation: 108.61	Top of Casing Elevation: 108.16
	Drilling Method Sonic	Boring Depth 149 ft.	Boring Diameter 7 in. (0-70') / 8 in. (70-149')
Logged By: J. Black / Approved By: R. Bussard	Sampling Method Split-spoon ahead of sonic	Well Depth: 149 ft. / Casing Type: 2" SCH 80 PVC	Well Screen Interval: 129 - 149 ft. / Slot Size: 0.010
Antea Group Project Number 00465EA191	Headspace Monitoring Device PID	Date Drilling Started 3/7/19	Date Drilling Completed 3/13/19

LITHOLOGY | SAMPLING DATA

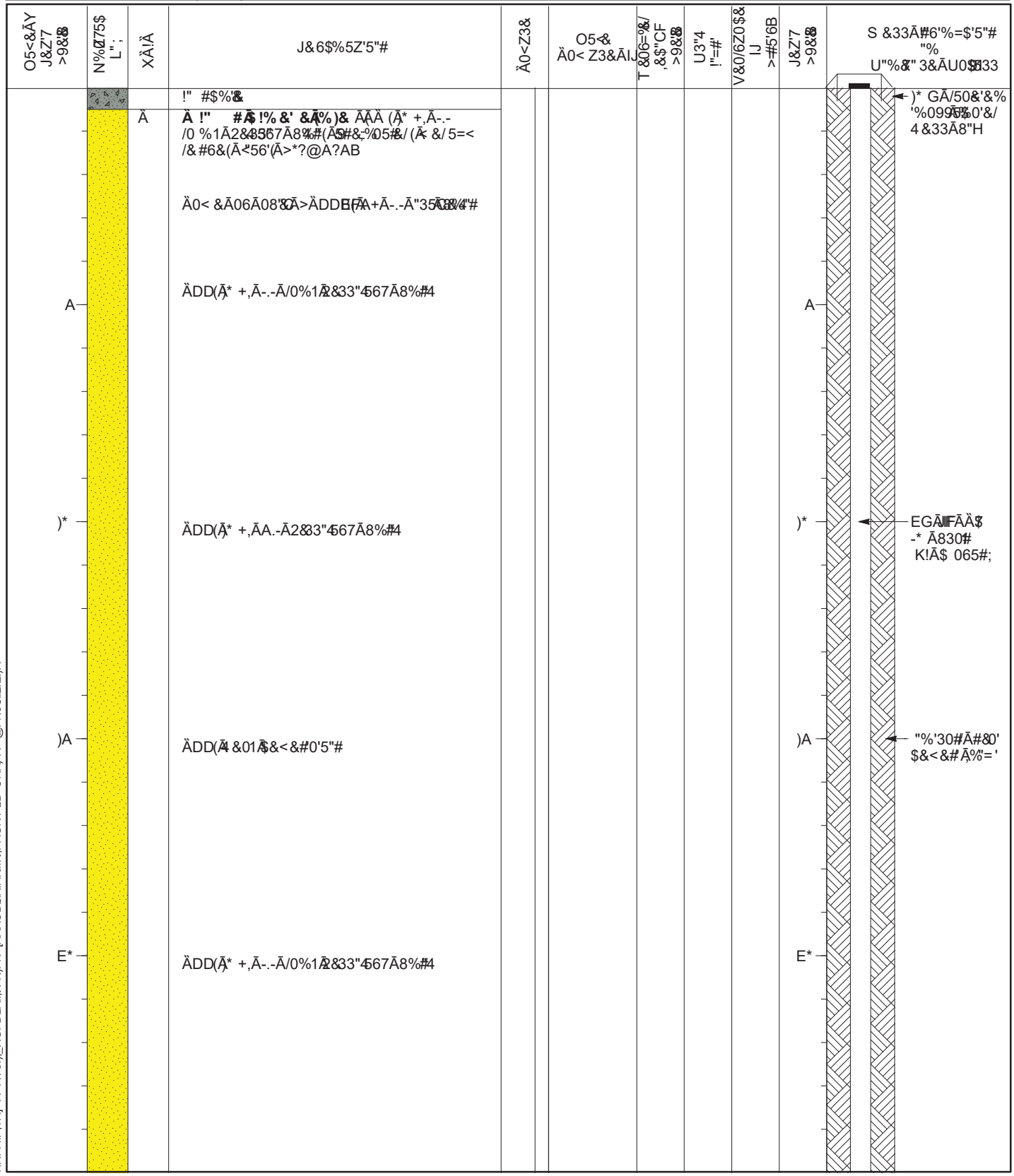
Elevation	Depth	Graphic Log	USCS	Visual Description	Moisture Content	Headspace (ppm)	Soil Temperature (degrees F)	Sample Interval (ft)	Recovery (%)	Lab Analysis	Water Level	Well Diagram	Well Details	Depth
-25	135		SM	Silty sand; 7.5 YR 5/3, dense	dry	2.1	71.1	135	100				2" SCH 80 PVC with 0.010" Slotted Screen: 129-149 ft.	135
			SP-SM	Poorly graded sand with silty fines; 7.5 YR 6/4, very dense, becoming loose	dry		94.6							
					dry	1.2	60.6							
					dry	0.9								
					moist									
				No recovery	moist	3.1								
-30			SP-SM	Poorly graded sand with silty fines; 7.5 YR 4/3, loose		4.7	128				▼			
	140				wet	6.2	111.1							140
				as above; thinly laminated organic fines		18.3	108							
						22.0								
-35				as above; no organics, no layering			78							
	145					14.5								145
							77							
						19.0								
							80							
-40				Heaving Sands		11.5								
	150			End of borehole at 149 ft. bgs.										150
-45														
	155													155

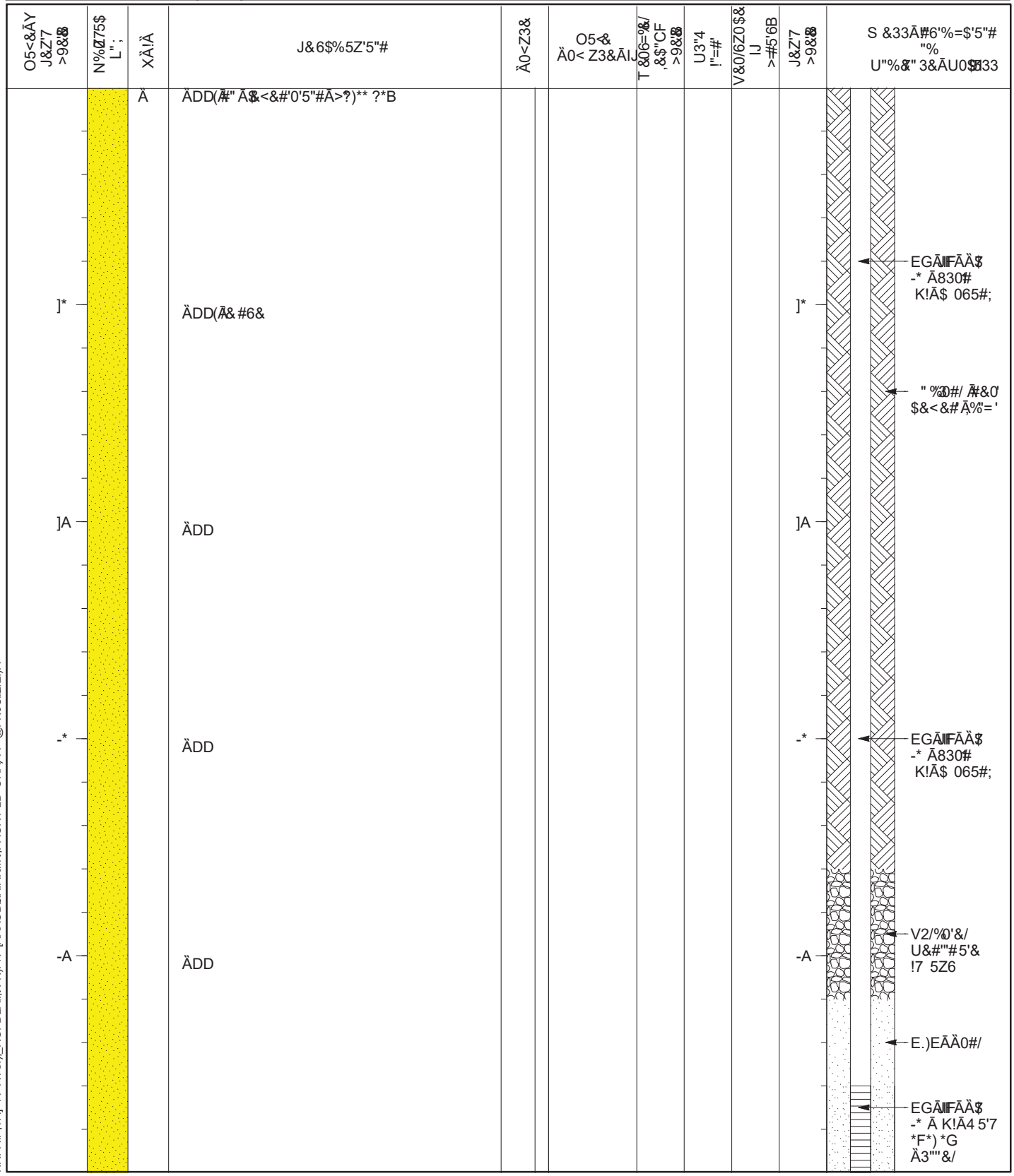
PROFESSIONAL GEOLOGIST
REGINA M. BUSSARD
No. 8288
EXP. 1/31/20
STATE OF CALIFORNIA

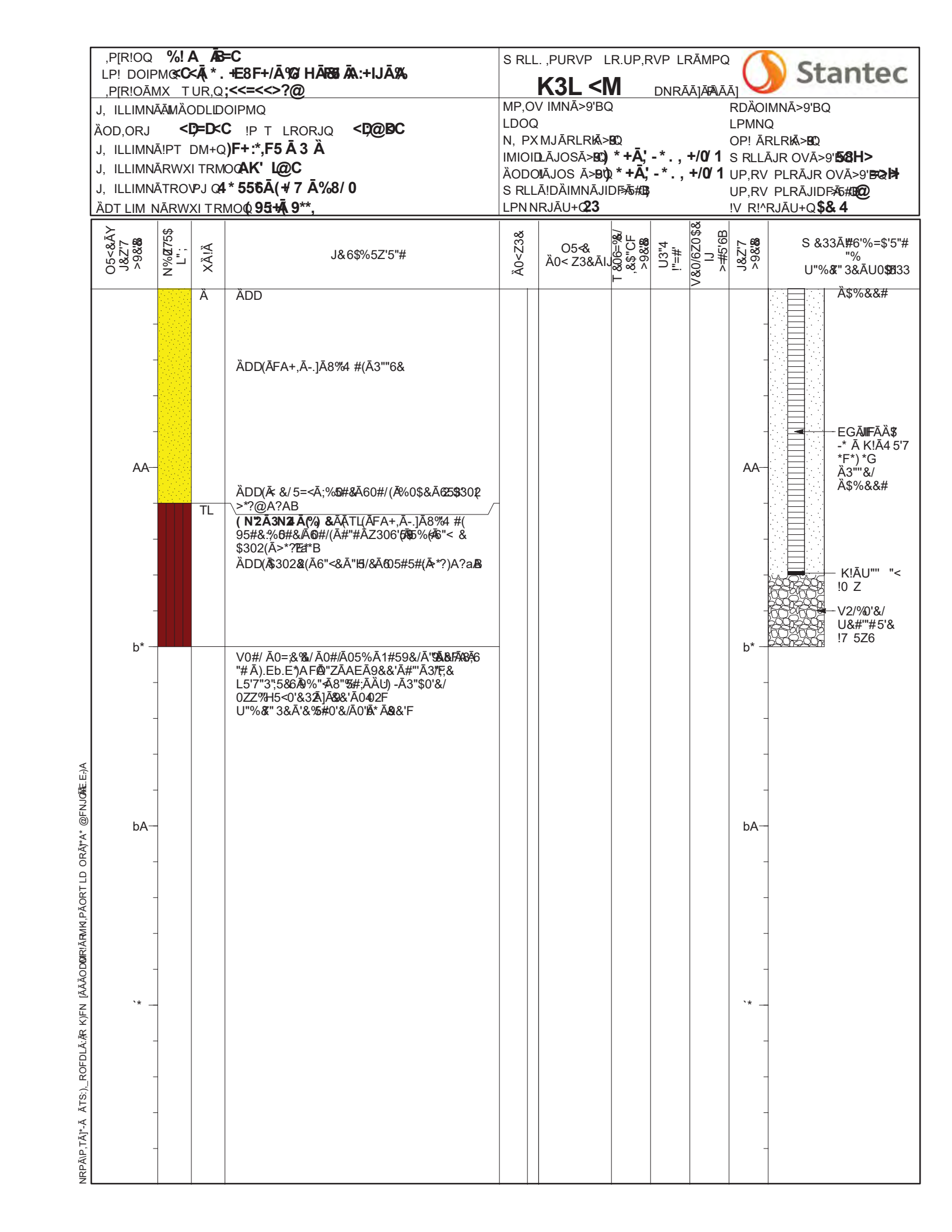
Soil samples collected for laboratory analysis EPA Method 5035.

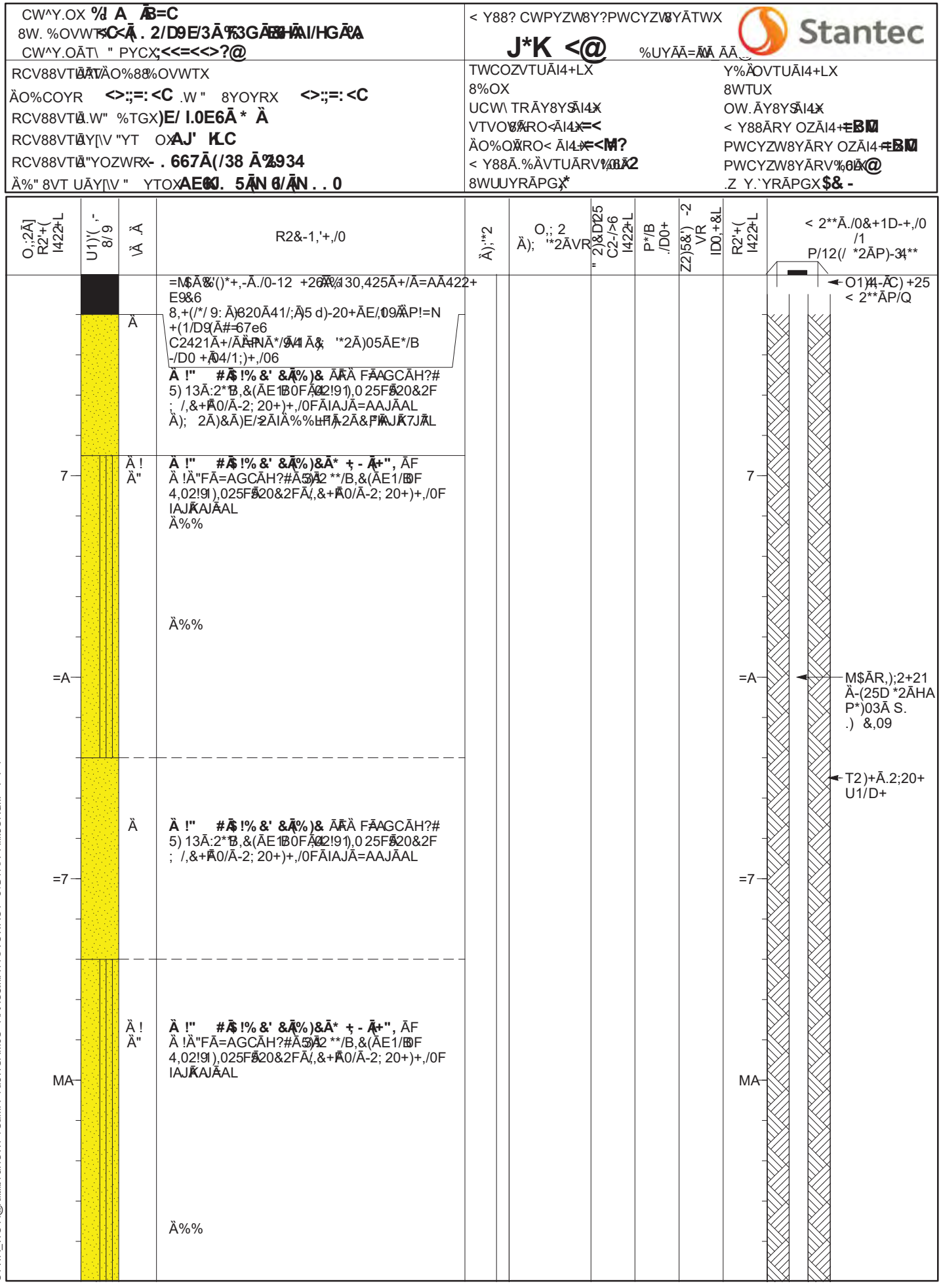
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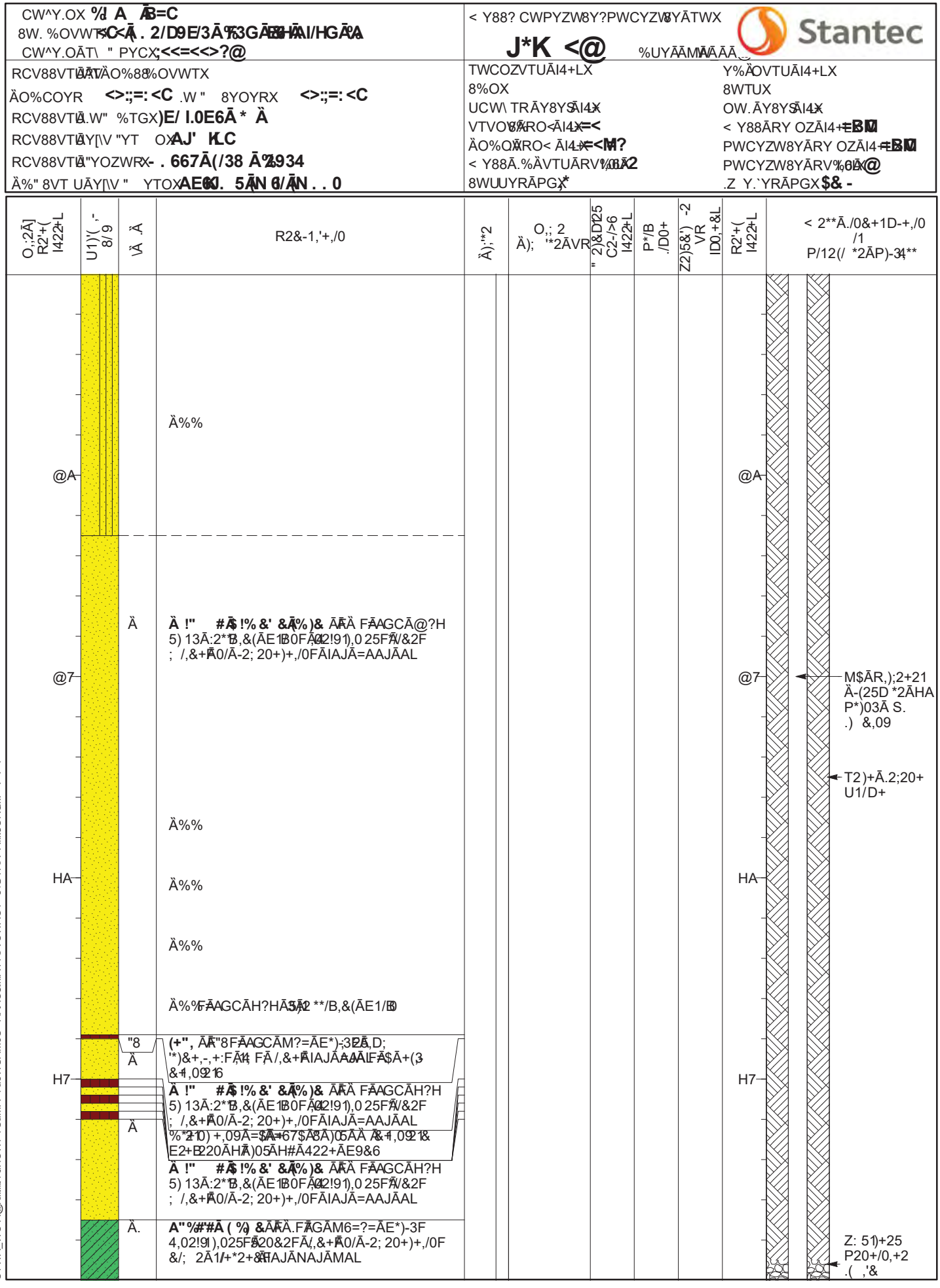
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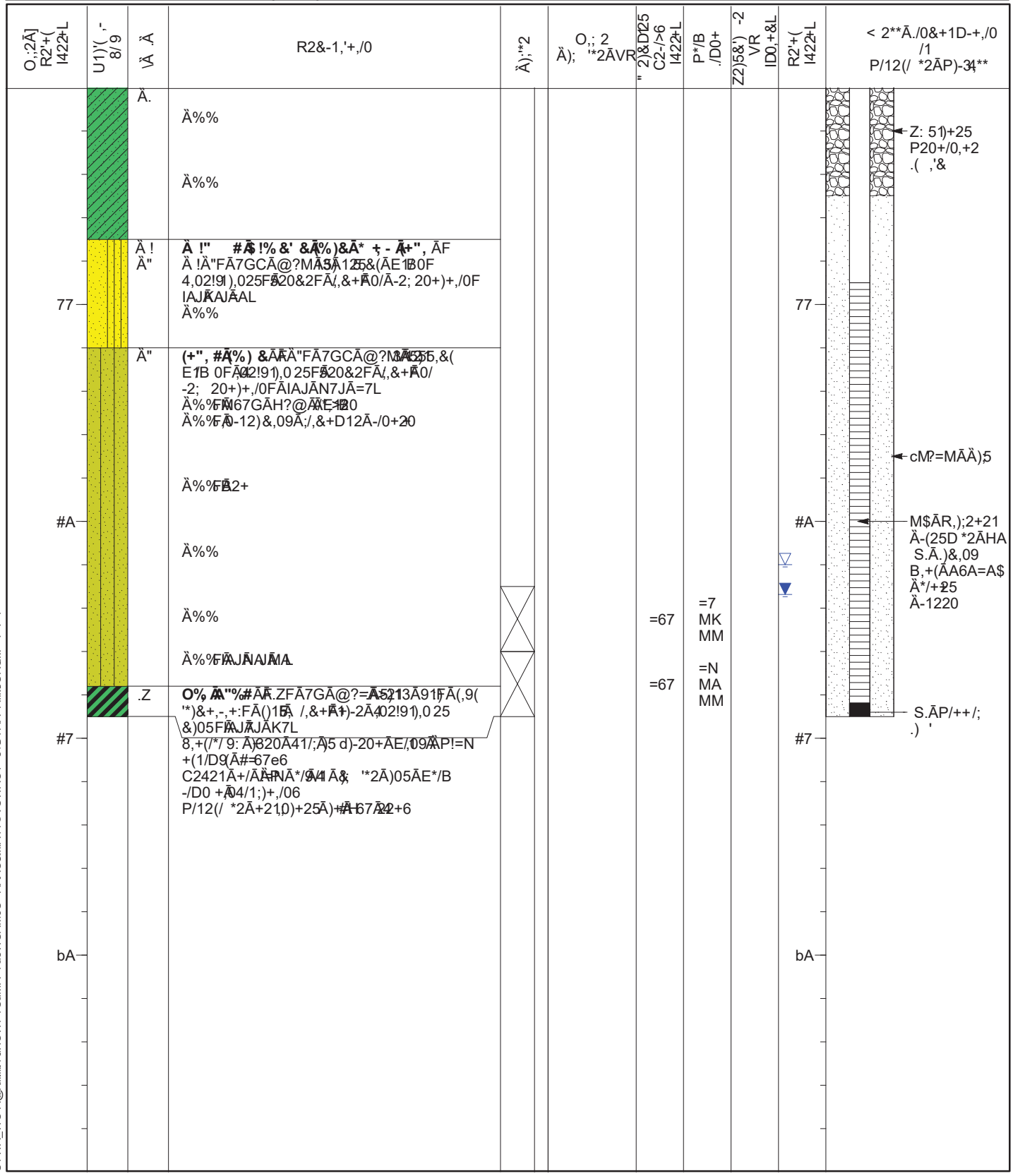

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Project Name	Monitoring Well Construction Log		Well Number
Arco Service Station No. 465			MW-18D

Address 151 Southgate Avenue Daly City California	Drilling Contractor Cascade Drilling & Testing	Ground Surface Elevation: 111.76	Top of Casing Elevation: 111.38
	Drilling Method Sonic	Boring Depth 155 ft.	Boring Diameter 7 in. (0-65') / 8 in. (65-155')
Logged By: J. Black / Approved By: R. Bussard	Sampling Method Split-spoon ahead of sonic	Well Depth: 154 ft. / Casing Type: 2" SCH 80 PVC	Well Screen Interval: 134-154 ft. / Slot Size: 0.010
Antea Group Project Number 00465EA191	Headspace Monitoring Device PID	Date Drilling Started 2/28/19	Date Drilling Completed 3/6/19

LITHOLOGY | SAMPLING DATA

Elevation	Depth	Graphic Log	USCS	Visual Description	Moisture Content	Headspace (ppm)	Sample Interval (ft)	Recovery (%)	Lab Analysis	Water Level	Well Diagram	Well Details	Depth
110	0			No soil collected to 40 ft bgs.								Neat Cement: 0-130 ft. 8" drill rod: 0-65 ft. 2" SCH 80 blank PVC casing: 0-134 ft.	0
105	5												5
100	10												10
95	15												15
90	20												20
	25												25

PROFESSIONAL GEOLOGIST
REGINA M. BUSSARD
No. 8288
EXP. 1/31/20
STATE OF CALIFORNIA

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Project Name	Monitoring Well Construction Log		Well Number
Arco Service Station No. 465			MW-18D
Address 151 Southgate Avenue Daly City California	Drilling Contractor Cascade Drilling & Testing	Ground Surface Elevation: 111.76	Top of Casing Elevation: 111.38
	Drilling Method Sonic	Boring Depth 155 ft.	Boring Diameter 7 in. (0-65') / 8 in. (65-155')
Logged By / Approved By J. Black / R. Bussard	Sampling Method Split-spoon ahead of sonic	Well Depth / Casing Type 154 ft. / 2" SCH 80 PVC	Well Screen Interval / Slot Size 134-154 ft. / 0.010
Antea Group Project Number 00465EA191	Headspace Monitoring Device PID	Date Drilling Started 2/28/19	Date Drilling Completed 3/6/19

LITHOLOGY | SAMPLING DATA

Elevation	Depth	Graphic Log	USCS	Visual Description	Moisture Content	Headspace (ppm)	Sample Interval (ft)	Recovery (%)	Lab Analysis	Water Level	Well Diagram	Well Details	Depth
85													
	30												30
80													
	35												35
75													
	40			No Recovery									40
70			SP-SM	Poorly graded fine sand with silty fines; 7.5 YR 3/4 dark brown	dry	1.3							
	45				dry	0.7							45
65				as above; with small peds of organic material at 1" diameter	dry	1.6							
				as above; no organics									
	50			as above; 7.5 YR 2.5/1 black	dry	0.9	50	100					50
60			SM	Silty sand; 7.5 YR 2.5/1 black	dry	4.0							

Soil samples collected for laboratory analysis EPA Method 5035.

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Project Name	Monitoring Well Construction Log		Well Number
Arco Service Station No. 465			MW-18D

Address 151 Southgate Avenue Daly City California	Drilling Contractor Cascade Drilling & Testing	Ground Surface Elevation: 111.76	Top of Casing Elevation: 111.38
	Drilling Method Sonic	Boring Depth 155 ft.	Boring Diameter 7 in. (0-65') / 8 in. (65-155')
Logged By: J. Black / Approved By: R. Bussard	Sampling Method Split-spoon ahead of sonic	Well Depth: 154 ft. / Casing Type: 2" SCH 80 PVC	Well Screen Interval: 134-154 ft. / Slot Size: 0.010
Antea Group Project Number 00465EA191	Headspace Monitoring Device PID	Date Drilling Started 2/28/19	Date Drilling Completed 3/6/19

LITHOLOGY | SAMPLING DATA

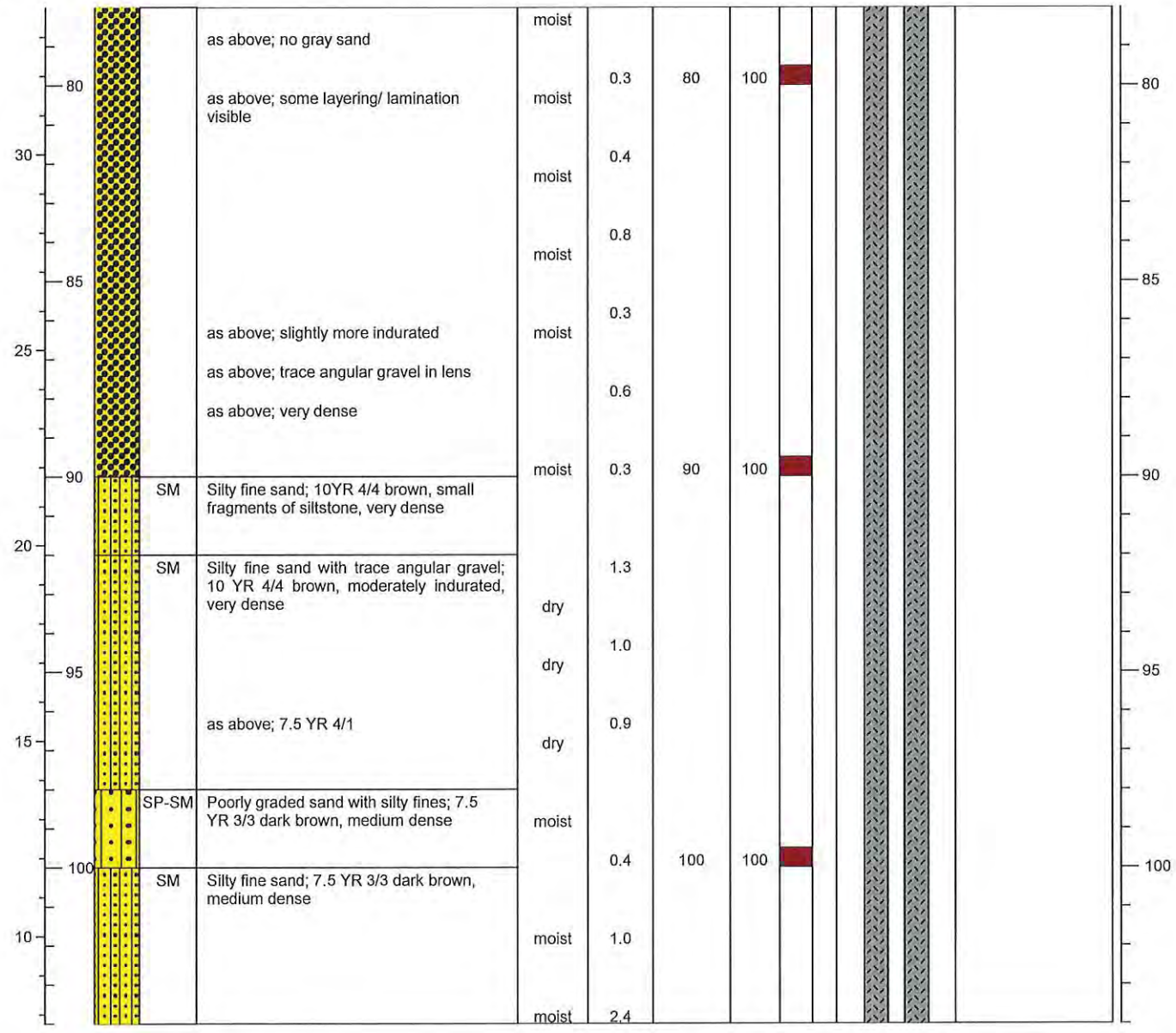
Elevation	Depth	Graphic Log	USCS	Visual Description	Moisture Content	Headspace (ppm)	Sample Interval (ft)	Recovery (%)	Lab Analysis	Water Level	Well Diagram	Well Details	Depth
			SP-SM	Fine sand with silty fines; 7.5 YR 2.5/1 black	dry	3.3							
			SC	Clayey fine sand; 7.5 YR 2.5/1 black	dry wet								
55	55				wet	1.4	55	100					55
55				as above; with organic peds	wet	2.9							
					wet	1.1							
	60		SM	Silty fine sand; 7.5 YR 3/2 dark brown	wet	0.3	60	100					60
50					wet	0.5						2' of hydrated bentonite chips sealed off 8" drill rod from 7" drill rod.	
					wet	0.6							
	65		CH	Fat clay; dark grayish brown, high plasticity, very stiff	moist	0.6	65	100				7" drill rod: 65-155 ft.	65
45			CH	Clay with sand; dark grayish brown, high plasticity, stiff	moist	0.1							
			SM	Silty fine sand; dark grayish brown	moist								
	70					0.2	70	100					70
				No Recovery									
40			SM	Silty fine sand; 7.5 YR 5/6 strong brown	moist								
						0.7							
	75				moist								75
						0.6							
35			SP	Poorly graded fine sand with trace silty fines; 10 YR 4/4 brown with strips of sand 7.5 YR 5/1 gray	moist	1.2							

Soil samples collected for laboratory analysis EPA Method 5035.

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Project Name	Monitoring Well Construction Log		Well Number
Arco Service Station No. 465			MW-18D
Address 151 Southgate Avenue Daly City California	Drilling Contractor Cascade Drilling & Testing	Ground Surface Elevation: 111.76	Top of Casing Elevation: 111.38
	Drilling Method Sonic	Boring Depth 155 ft.	Boring Diameter 7 in. (0-65') / 8 in. (65-155')
Logged By: J. Black / Approved By: R. Bussard	Sampling Method Split-spoon ahead of sonic	Well Depth: 154 ft. / Casing Type: 2" SCH 80 PVC	Well Screen Interval: 134-154 ft. / Slot Size: 0.010
Antea Group Project Number 00465EA191	Headspace Monitoring Device PID	Date Drilling Started 2/28/19	Date Drilling Completed 3/6/19



Soil samples collected for laboratory analysis EPA Method 5035.

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Project Name	Monitoring Well Construction Log		Well Number
Arco Service Station No. 465			MW-18D

Address 151 Southgate Avenue Daly City California	Drilling Contractor Cascade Drilling & Testing	Ground Surface Elevation: 111.76	Top of Casing Elevation: 111.38
	Drilling Method Sonic	Boring Depth 155 ft.	Boring Diameter 7 in. (0-65') / 8 in. (65-155')
Logged By: J. Black / Approved By: R. Bussard	Sampling Method Split-spoon ahead of sonic	Well Depth: 154 ft. / Casing Type: 2" SCH 80 PVC	Well Screen Interval: 134-154 ft. / Slot Size: 0.010
Antea Group Project Number 00465EA191	Headspace Monitoring Device PID	Date Drilling Started 2/28/19	Date Drilling Completed 3/6/19

LITHOLOGY | SAMPLING DATA

Elevation	Depth	Graphic Log	USCS	Visual Description	Moisture Content	Headspace (ppm)	Sample Interval (ft)	Recovery (%)	Lab Analysis	Water Level	Well Diagram	Well Details	Depth
	105				moist	2.9							105
5				lens of sandy clay Gley 1 4/1	damp	6.0							
	110		SP-SM	Poorly graded sand with silty fines; 7.5 YR 5/3	moist	1.7	110	100					110
			SM	Silty fine sand; 7.5 YR 5/3	moist								
0			SP-SM	Poorly graded fine sand with silty fines; 7.5 YR 5/6	moist	0.8							
				lens of organics									
			SP	Poorly graded fine sand with trace fines; 7.5 YR 5/6									
	115			No Recovery	moist	0.3	115	100					115
-5			SP	Poorly graded fine sand with trace fines; 7.5 YR 5/4, lens of organics	moist	1.3							
				as above; no organics		1.3							
			SC	Clayey fine sand; medium dense									
	120		SP-SC	Fine sand with clayey fines; medium dense	moist	0.6	120	100					120
			SP	Poorly graded fine sand with trace fines, 7.5 YR 5/8, loose	moist	1.4							
-10					moist	1.2							
	125			as above; with organics	moist	0.7	125	100					125
			SC	Clayey fine sand; 7.5 YR 5/8 yellowish red	moist	1.0							
-15						1.4							
			SM	Silty fine sand; 7.5 YR 5/8 yellowish red with Gley 1 5/1 gray and 2.5 YR 3/6 red banding, shell fragments in gray bands	moist								
	130				moist	0.7	130	100					130

Soil samples collected for laboratory analysis EPA Method 5035.

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Project Name	Monitoring Well Construction Log		Well Number
Arco Service Station No. 465			MW-18D
Address 151 Southgate Avenue Daly City California	Drilling Contractor Cascade Drilling & Testing	Ground Surface Elevation: 111.76	Top of Casing Elevation: 111.38
	Drilling Method Sonic	Boring Depth 155 ft.	Boring Diameter 7 in. (0-65') / 8 in. (65-155')
Logged By J. Black / Approved By R. Bussard	Sampling Method Split-spoon ahead of sonic	Well Depth 154 ft. / Casing Type 2" SCH 80 PVC	Well Screen Interval 134-154 ft. / Slot Size 0.010
Antea Group Project Number 00465EA191	Headspace Monitoring Device PID	Date Drilling Started 2/28/19	Date Drilling Completed 3/6/19

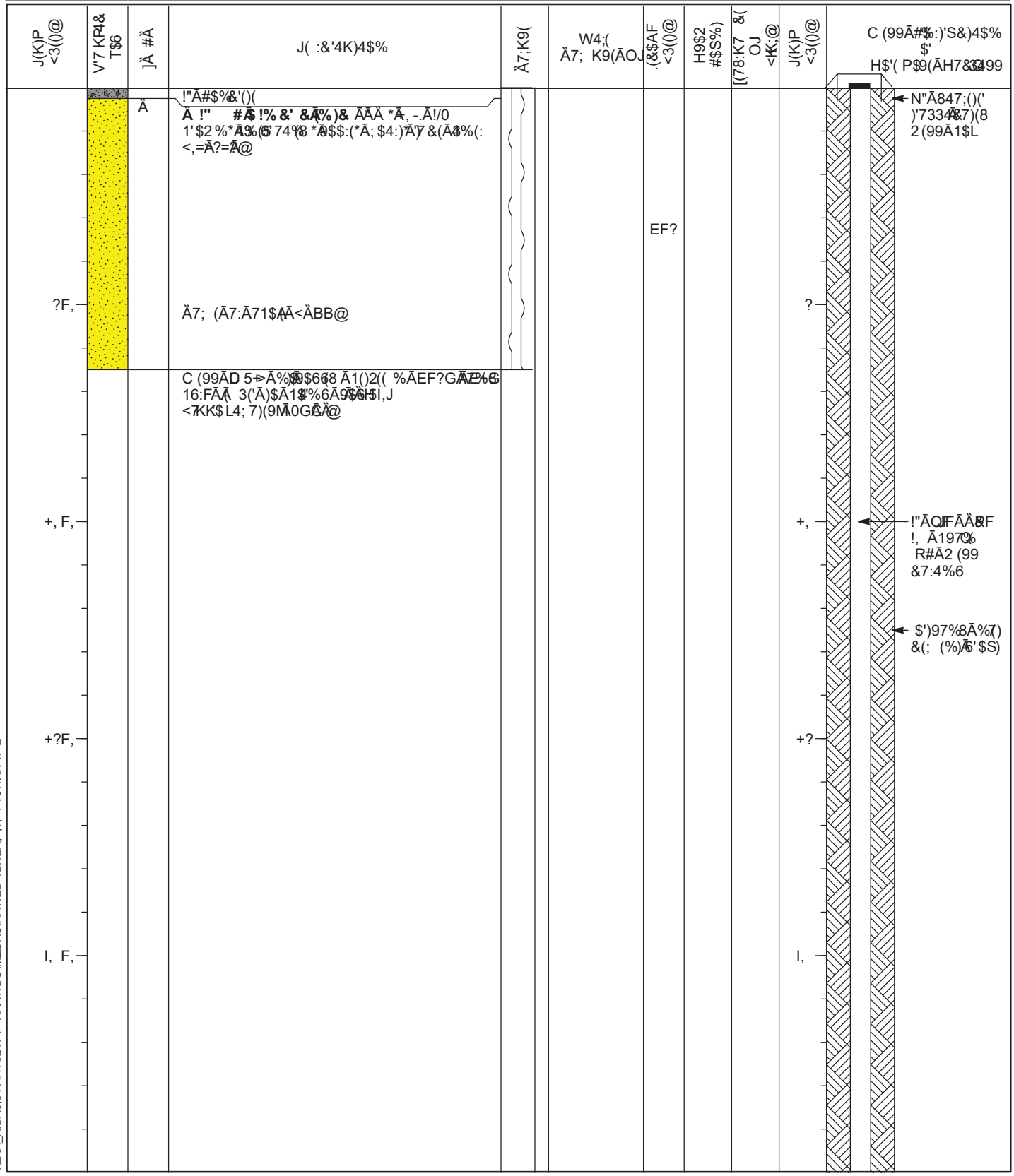
LITHOLOGY | SAMPLING DATA

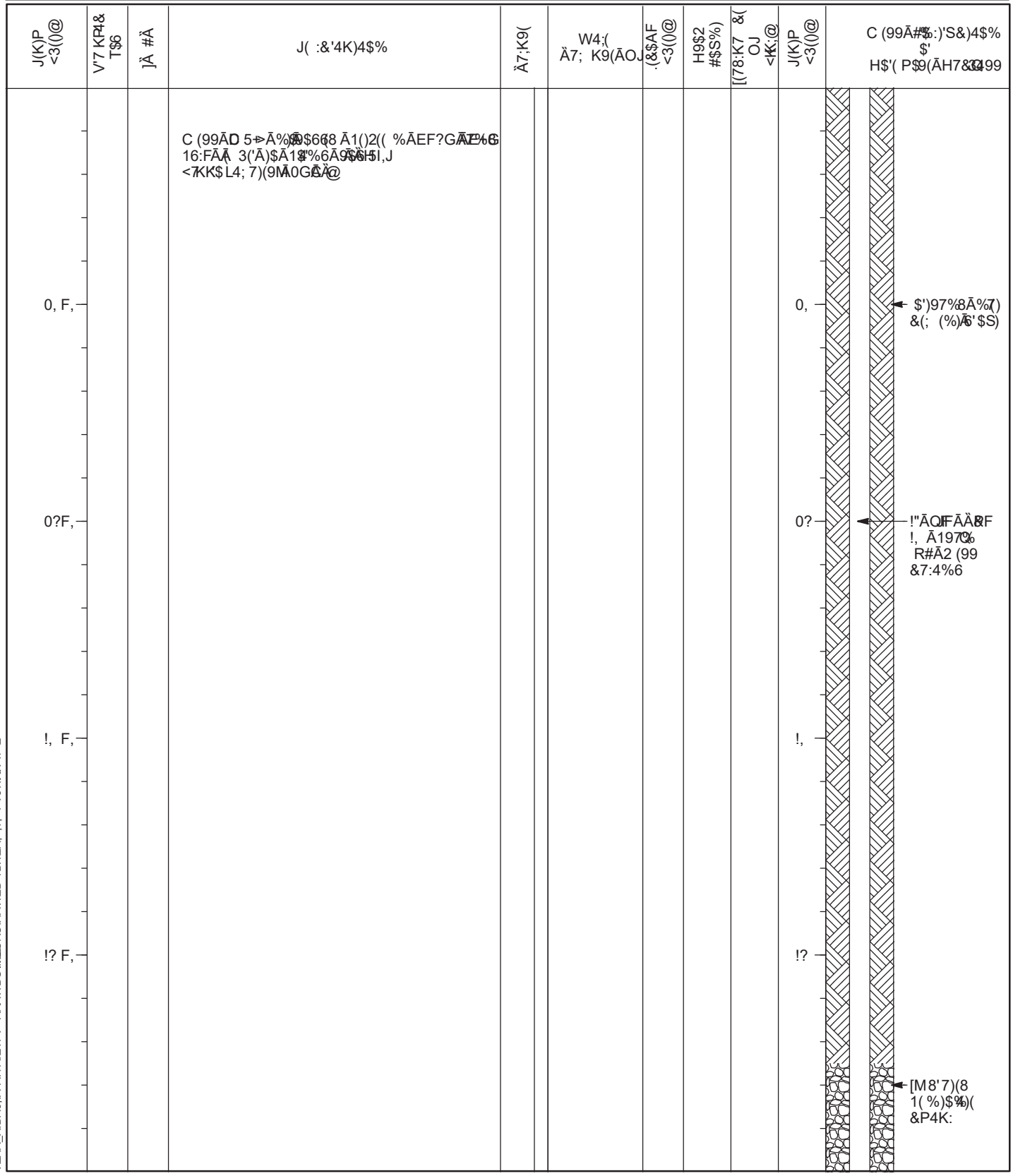
Elevation	Depth	Graphic Log	USCS	Visual Description	Moisture Content	Headspace (ppm)	Sample Interval (ft)	Recovery (%)	Lab Analysis	Water Level	Well Diagram	Well Details	Depth
-20			SM	Silty fine sand; 2.5 YR 4/8, small peds of organics up to 0.5" diameter		2.7						Bentonite: 130 - 132 ft.	
				as above; organic chunks up to 3" diameter									
				as above; no organics	moist	0.9						#2/12 Sand Filter Pack: 132-155 ft..	
	135					1.3	135	100				2" SCH 80 PVC with 0.010" Slotted Screen: 134-144 ft.	135
-25					moist								
						2.7							
						1.4							
	140			as above; 7.5 YR 4/3	moist	0.9	140	100					140
-30					moist	0.4							
						2.1	143.5	100		▼			
	145			No Recovery	wet								145
					wet	0.7	145	100					
-35													
	150												150
-40			SM	Silty fine sand; 7.5 YR 5/4	wet	3.3							
					wet	3.4							
				Heaving sands									
	155			End of borehole at 155 ft. bgs.									155

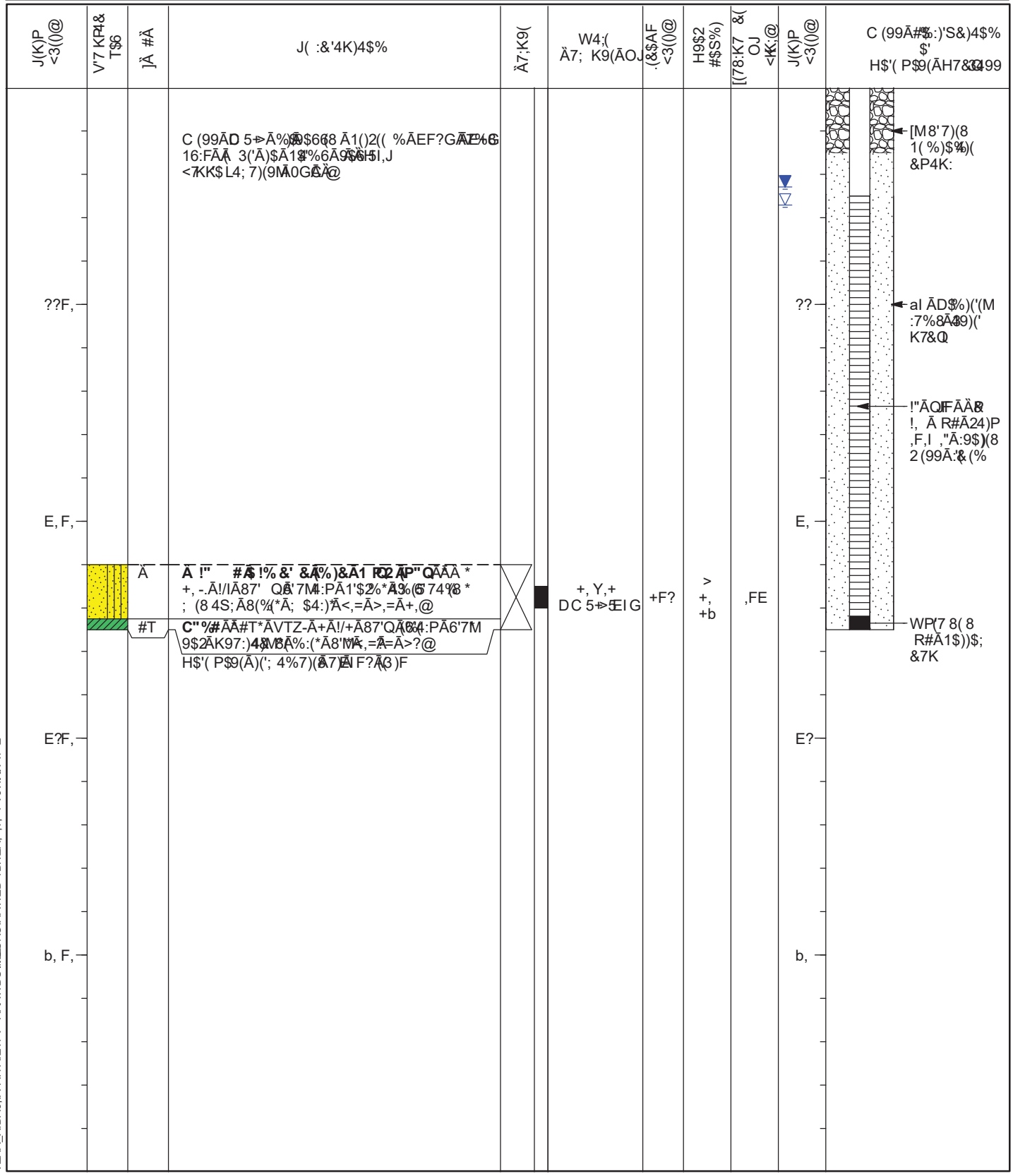
Soil samples collected for laboratory analysis EPA Method 5035.

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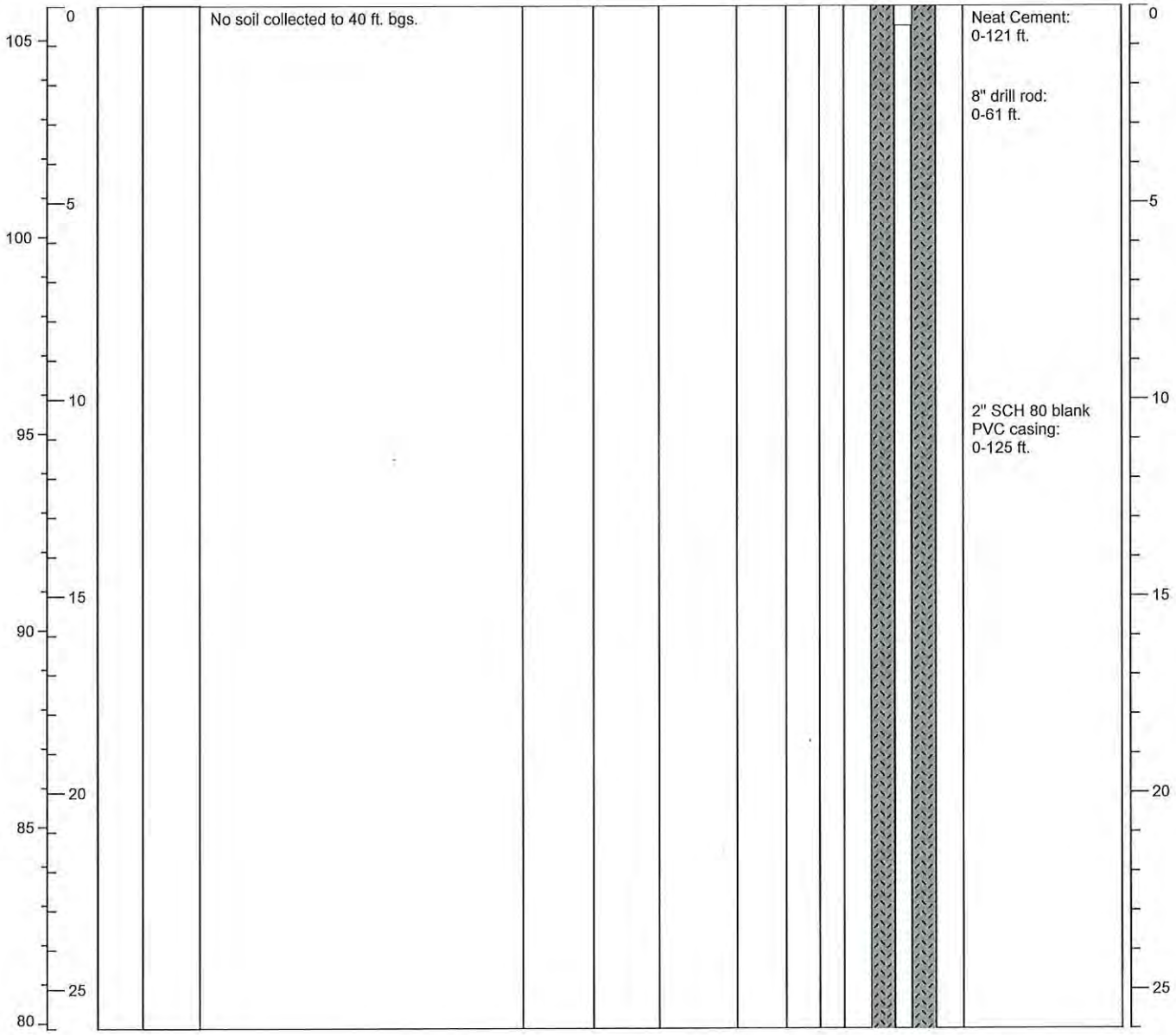

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Project Name	Monitoring Well Construction Log		Well Number
Arco Service Station No. 465			MW-19D
Address 151 Southgate Avenue Daly City California	Drilling Contractor Cascade Drilling & Testing	Ground Surface Elevation: 105.86	Top of Casing Elevation: 105.36
	Drilling Method Sonic	Boring Depth 145 ft.	Boring Diameter 7 in. (0-61') / 8 in. (61-145')
Logged By: I. Treat; Approved By: R. Bussard	Sampling Method Split-spoon ahead of sonic	Well Depth: 145 ft.; Casing Type: 2" SCH 80 PVC	Well Screen Interval: 125-145 ft.; Slot Size: 0.010
Antea Group Project Number 00465EA191	Headspace Monitoring Device PID	Date Drilling Started 2/20/19	Date Drilling Completed 2/25/19

LITHOLOGY | SAMPLING DATA

Elevation	Depth	Graphic Log	USCS	Visual Description	Moisture Content	Headspace (ppm)	Sample Interval (ft)	Recovery (%)	Lab Analysis	Water Level	Well Diagram	Well Details	Depth



Soil samples collected for laboratory analysis EPA Method 5035.

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Project Name	Monitoring Well Construction Log		Well Number
Arco Service Station No. 465			MW-19D

Address 151 Southgate Avenue Daly City California	Drilling Contractor Cascade Drilling & Testing	Ground Surface Elevation: 105.86	Top of Casing Elevation: 105.36
	Drilling Method Sonic	Boring Depth 145 ft.	Boring Diameter 7 in. (0-61') / 8 in. (61-145')
Logged By: I. Treat; Approved By: R. Bussard	Sampling Method Split-spoon ahead of sonic	Well Depth: 145 ft.; Casing Type: 2" SCH 80 PVC	Well Screen Interval: 125-145 ft.; Slot Size: 0.010
Antea Group Project Number 00465EA191	Headspace Monitoring Device PID	Date Drilling Started 2/20/19	Date Drilling Completed 2/25/19

LITHOLOGY | SAMPLING DATA

Elevation	Depth	Graphic Log	USCS	Visual Description	Moisture Content	Headspace (ppm)	Sample Interval (ft)	Recovery (%)	Lab Analysis	Water Level	Well Diagram	Well Details	Depth
75	30												30
70	35												35
65	40		SP-SM	Poorly graded fine sand with silty fines; dark grayish brown	dry	0.1	42	100					40
60	45			as above; dark gray									45
				as above; brownish gray	damp								
55	50			as above; dark gray	wet					▽			50
			ML	Silt with fine sand; dark gray with 2.5 Y 5/6 olive brown peds, low plasticity		0.1	51	100					

Soil samples collected for laboratory analysis EPA Method 5035.

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Project Name	Monitoring Well Construction Log		Well Number
Arco Service Station No. 465			MW-19D

Address 151 Southgate Avenue Daly City California	Drilling Contractor Cascade Drilling & Testing	Ground Surface Elevation: 105.86	Top of Casing Elevation: 105.36
	Drilling Method Sonic	Boring Depth 145 ft.	Boring Diameter 7 in. (0-61') / 8 in. (61-145')
Logged By: I. Treat; Approved By: R. Bussard	Sampling Method Split-spoon ahead of sonic	Well Depth: 145 ft.; Casing Type: 2" SCH 80 PVC	Well Screen Interval: 125-145 ft.; Slot Size: 0.010
Antea Group Project Number 00465EA191	Headspace Monitoring Device PID	Date Drilling Started 2/20/19	Date Drilling Completed 2/25/19

LITHOLOGY | SAMPLING DATA

Elevation	Depth	Graphic Log	USCS	Visual Description	Moisture Content	Headspace (ppm)	Sample Interval (ft)	Recovery (%)	Lab Analysis	Water Level	Well Diagram	Well Details	Depth
					damp								
			ML	Sandy silt; dark brown gray with olive brown mottling, low plasticity, soft									
50	55		SM	Silty sand; dark brown gray		0.2							55
					damp	0.1	59	100					
45	60		CL	Clay with trace fine sand; Gley 5G Y greenish black, medium plasticity, stiff								2' of hydrated bentonite chips sealed off 8" drill rod from 7" drill rod. 7" drill rod: 61-145 ft.	60
				as above; Gley 1 3/1 very dark greenish gray, transitioning to sandy clay	moist	0.2	63	100					
				as above; with rust colored staining in clay and thinly interbedded saturated sand lenses	wet								
	65			as above; without sand	moist	0.2							65
40					damp								
			SM	Silty fine sand; Gley 1 10 Y greenish black		0.3	67	100					
			SC	Clayey fine sand with trace fine angular gravel; Gley 1 10 Y greenish black	wet	0.9	69	100					
	70			as above; without gravel									70
			SM	Silty fine-medium sand; Gley 1 5G Y	wet	0.9	71	100					
35			SC	Clayey medium sand with 1-2" clay lenses; Gley 1 5/6 Y, piece of wood in clay									
					damp	1.4							
			CL	Clay with trace fine sand									
			ML	Silt; color lamination between grayish green and greenish black	moist	2.2							
			CL	Clay; abundant organics, low-medium plasticity	damp	1.8							
	75		SP-SM	Fine sand with silty fines; Gley 1, 2.5/5GY, well sorted, wood pieces at 76'									75
30						1.8							
			SP	Fine sand with trace gravel at 0.5" diameter	damp								

Soil samples collected for laboratory analysis EPA Method 5035.

▽ First Encountered Groundwater ▼ Static Groundwater

antea group INOGEN®

Project Name	Monitoring Well Construction Log		Well Number
Arco Service Station No. 465			MW-19D

Address 151 Southgate Avenue Daly City California	Drilling Contractor Cascade Drilling & Testing	Ground Surface Elevation: 105.86	Top of Casing Elevation: 105.36
	Drilling Method Sonic	Boring Depth 145 ft.	Boring Diameter 7 in. (0-61') / 8 in. (61-145')
Logged By: I. Treat; Approved By: R. Bussard	Sampling Method Split-spoon ahead of sonic	Well Depth: 145 ft.; Casing Type: 2" SCH 80 PVC	Well Screen Interval: 125-145 ft.; Slot Size: 0.010
Antea Group Project Number 00465EA191	Headspace Monitoring Device PID	Date Drilling Started 2/20/19	Date Drilling Completed 2/25/19

LITHOLOGY | SAMPLING DATA

Elevation	Depth	Graphic Log	USCS	Visual Description	Moisture Content	Headspace (ppm)	Sample Interval (ft)	Recovery (%)	Lab Analysis	Water Level	Well Diagram	Well Details	Depth
			SP-SM	Fine sand with silty fines; Gley 1, 2.5/5 GY	damp								
80			ML/SM	Silt / Silty fine sand; Gley 1 2.5/5 GY, transitioning to sandy clay	moist	1.5	81	100					80
25				No Recovery									
			SC	Clayey very fine sand; Gley 1 2.5/5 GY	moist	2.5							
85													85
20					damp	1.7							
					moist	2.3							
			SP	Poorly graded fine sand with trace fines; Gley 1 2.5/5 GY, medium dense	moist								
90						1.0	91	100					90
15				as above; without silt; 5 YR 5/4	moist	0.8							
				Poorly graded very fine sand with silty fines									
			SP-SM		moist	1.2							
95				No Recovery									95
10													
			SP-SM	Poorly graded very fine sand with silty fines	wet								
			SP	Poorly graded medium sand with trace fines; 7.5 YR 4/4 brown									
100				as above; very fine-fine sand									100
5					moist	3.5	101	100					
				No Recovery									
			SP	Poorly graded very fine-fine sand with trace fines; 7.5 YR 4/4 brown	wet								

Soil samples collected for laboratory analysis EPA Method 5035.

▽ First Encountered Groundwater ▼ Static Groundwater

antea group INOGEN®

Project Name	Monitoring Well Construction Log		Well Number
Arco Service Station No. 465			MW-19D
Address 151 Southgate Avenue Daly City California	Drilling Contractor Cascade Drilling & Testing	Ground Surface Elevation: 105.86	Top of Casing Elevation: 105.36
	Drilling Method Sonic	Boring Depth 145 ft.	Boring Diameter 7 in. (0-61') / 8 in. (61-145')
Logged By: I. Treat; Approved By: R. Bussard	Sampling Method Split-spoon ahead of sonic	Well Depth: 145 ft.; Casing Type: 2" SCH 80 PVC	Well Screen Interval: 125-145 ft.; Slot Size: 0.010
Antea Group Project Number 00465EA191	Headspace Monitoring Device PID	Date Drilling Started 2/20/19	Date Drilling Completed 2/25/19

LITHOLOGY | SAMPLING DATA

Elevation	Depth	Graphic Log	USCS	Visual Description	Moisture Content	Headspace (ppm)	Sample Interval (ft)	Recovery (%)	Lab Analysis	Water Level	Well Diagram	Well Details	Depth
105	0			as above; with clasts of indurated fine sand	moist	1.6							105
110	-5		ML	Silt with trace fine sand; 5 YR 4/3 reddish brown, stiff	moist wet moist	2.0 2.1	111	100					110
115	-10		SP-SM	Fine sand with silty fines; 7.5 YR 5/4 brown	wet	2.2							115
			SM	Silty fine sand; 5 YR 5/4 reddish brown	moist moist	0.3 1.4	116	100					
120	-15		SP-SM	Fine sand with silty fines; 7.5 YR 5/6 strong brown, loose as above; 5 YR 5/6 yellowish brown as above; with lenses of sand (5 YR 6/3 light reddish brown)	moist moist	0.9 1.0	121	100				Bentonite: 121-123 ft.	120
				No recovery									
125	-20		SP-SM	Fine sand with silty fines; 5 YR 5/6 yellowish brown, loose as above; with large gravel (2" diameter)	moist moist moist	0.9 0.8 0.8	126	100				#2/12 Sand Filter Pack: 123-145 ft. 2" SCH 80 PVC with 0.010" Slotted Screen: 125-145 ft.	125
130													130

Soil samples collected for laboratory analysis EPA Method 5035.

▽ First Encountered Groundwater ▼ Static Groundwater

antea group INOGEN®

Project Name	Monitoring Well Construction Log	Well Number
Arco Service Station No. 465		MW-19D

Address 151 Southgate Avenue Daly City California	Drilling Contractor Cascade Drilling & Testing	Ground Surface Elevation: 105.86	Top of Casing Elevation: 105.36
	Drilling Method Sonic	Boring Depth 145 ft.	Boring Diameter 7 in. (0-61') / 8 in. (61-145')
Logged By: I. Treat / Approved By: R. Bussard	Sampling Method Split-spoon ahead of sonic	Well Depth: 145 ft. / Casing Type: 2" SCH 80 PVC	Well Screen Interval: 125-145 ft. / Slot Size: 0.010
Antea Group Project Number 00465EA191	Headspace Monitoring Device PID	Date Drilling Started 2/20/19	Date Drilling Completed 2/25/19

LITHOLOGY | SAMPLING DATA

Elevation	Depth	Graphic Log	USCS	Visual Description	Moisture Content	Headspace (ppm)	Sample Interval (ft)	Recovery (%)	Lab Analysis	Water Level	Well Diagram	Well Details	Depth
-25			SW	Well graded sand with gravel	moist	1.2							
			SP	Poorly graded sand with gravel; some cobbles	dry	1.0							
			SW	Well graded sand with gravel	moist	2.2	134	100					
	135		SM	Silty sand; brown	wet	0.7	135	100					135
-30						0.4							
					wet	6.2							
			SP-SM	Fine sand with silty fines	wet	2.7							
	140				wet	1.1							140
-35			SM/SC	Silty sand / Clayey sand; grayish brown	wet	1.6							
					wet	1.3							
	145			End of borehole at 145 ft. bgs.									145
-40													
	150												150
-45													
	155												155
-50													

PROFESSIONAL GEOLOGIST
REGINA M. BUSSARD
No. 8288
EXP. 1/31/20
STATE OF CALIFORNIA

Soil samples collected for laboratory analysis EPA Method 5035.

▽ First Encountered Groundwater ▼ Static Groundwater

antea group INOGEN®

SECOR

Logged By:	Date Drilled:	Drilling Contractor	Project Name:	Method/Equipment:	Boring Number:
TM	11/30/01	Gregg Drilling	Arco # 0465 Daly City	GeoProbe	SB-1

See "Soil Classification Chart" for USCS Soil Classifications	Boring Diam.(in.):	Surface Elev.(ft.):	Groundwater Depth (ft.):	Total Depth (ft.):	Drive wt.(lbs.):	Drop Dist.(in.):
	2		▽ 53.5 First Water	57.0	140	30

Well Construction	Depth, (ft.)	Sample Recovery	Lithologic Description	PID (ppm)
			Fill	
			OLIVE BROWN (2.5 Y 4/4) SILTY SAND (SM), trace fine gravel, fine- medium-grained sand, moist (2, 78, 20, 0)	9.2
	5		Hand auger to 5'	11
				7.6
	10		Grades OLIVE (5 Y 4/3), strong petroleum odor	5.6
			OLIVE (5 Y 4/3) SANDY GRAVEL (GP) with silt, coarse-grained sand, moist (50, 35, 15, 0)	36.6
			OLIVE GRAY (5 Y 4/2) SILTY SAND (SM), fine- to medium-grained sand, well rounded, poorly graded, moist, petroleum odor (0, 70, 30, 0)	35.5
Cement Grout				132.9
	15			38.1
				6.1
	20		Grades OLIVE BROWN (2.5 Y 4/4), decreasing petroleum odor	2.3
				10.9
				14

The substrata descriptions above are generalized representations and based upon visual/manual classification of cuttings and/or samples obtained during drilling. Predominant material types shown on the log may contain different materials and the change from one predominant material type to another could be different than indicated. Descriptions on this log apply only at the specific location at the time of drilling and may not be representative of subsurface conditions at other locations or times.

Project No. **06BP.03962.00.0041** Date **11/30/01**

Log of Boring: **SB-1**

11-30-01.GPJ
LOG OF BOREHOLE

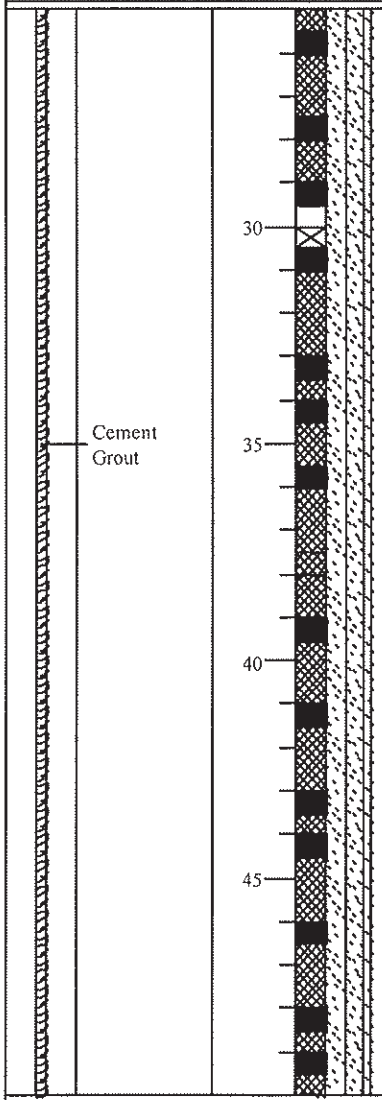
Approved by _____

Figure (sheet 1 of 3)

SECOR

Logged By:	Date Drilled:	Drilling Contractor	Project Name:	Method/Equipment:	Boring Number:
TM	11/30/01	Gregg Drilling	Arco # 0465 Daly City	GeoProbe	SB-1

See "Soil Classification Chart" for USCS Soil Classifications	Boring Diam.(in.):	Surface Elev.(ft.):	Groundwater Depth (ft.):	Total Depth (ft.):	Drive wt.(lbs.):	Drop Dist.(in.):
	2		▽ 53.5 First Water	57.0	140	30



Lithologic Description	PID (ppm)
Grades coarse	11
	13
	4
	5.2
	9.5
	10
	4.3
	8.5
	16.9
	6.2
	6.8
	7.2
	4
	3.1
	3.8

The substrata descriptions above are generalized representations and based upon visual/manual classification of cuttings and/or samples obtained during drilling. Predominant material types shown on the log may contain different materials and the change from one predominant material type to another could be different than indicated. Descriptions on this log apply only at the specific location at the time of drilling and may not be representative of subsurface conditions at other locations or times.

Project No. 06BP.03962.00.0041 Date 11/30/01

Log of Boring: **SB-1**

11-30-01.GPJ
LOG OF BOREHOLE

Approved by _____

Figure (sheet 2 of 3)

SECOR

Logged By:	Date Drilled:	Drilling Contractor	Project Name:	Method/Equipment:	Boring Number:
TM	11/30/01	Gregg Drilling	Arco # 0465 Daly City	GeoProbe	SB-1

See "Soil Classification Chart" for USCS Soil Classifications	Boring Diam.(in.):	Surface Elev.(ft.):	Groundwater Depth (ft.):	Total Depth (ft.):	Drive wt.(lbs.):	Drop Dist.(in.):
	2		▽ 53.5 First Water	57.0	140	30

Well Construction	Depth, (ft.)	Sample Recovery	Lithologic Description	PID (ppm)
Cement Grout	55		Grades with increasing silt	3.3 2.2
	60		Bottom of boring @ 57 feet below ground surface	
	65			
	70			

The substrata descriptions above are generalized representations and based upon visual/manual classification of cuttings and/or samples obtained during drilling. Predominant material types shown on the log may contain different materials and the change from one predominant material type to another could be different than indicated. Descriptions on this log apply only at the specific location at the time of drilling and may not be representative of subsurface conditions at other locations or times.

Project No. **06BP.03962.00.0041** Date **11/30/01**

Log of Boring: **SB-1**

11-30-01.GPJ
LOG OF BOREHOLE

Approved by _____

Figure (sheet 3 of 3)

URS

1333 Broadway, Suite 800
Oakland, California 94612

LOG OF BORING

Boring ID: SB-1

Total Depth: 71.5 ft bgs

PROJECT INFORMATION	DRILLING INFORMATION
Project: ARCO #465	**Drilling Company:** Gregg Drilling & Testing
Site Location: 151 Southgate Avenue, Daly City, CA	**Driller:** Vince Rhyde, Jason Neff
Project Manager: Shannon Couch	**Type of Drilling Rig:** Marl M5T Rhino
PG: Barbara Jakub	**Drilling Method:** Simco Augers
Geologist: Andrew Fowler	**Sampling Method:** California Modified Split Spoon
Job Number: 38487359	**Date(s) Drilled:** 7/19/05

BORING INFORMATION

Groundwater Depth (ft bgs): none encountered	**Boring Location:** ~30 ft NW of the Service Station
Air Knife or Hand Auger Depth: 5 ft bgs	**Boring Diameter:** 4 inch
Coordinates: Latitude **Longitude**	**Boring Type:** Exploratory

Depth (ft)	Symbol	Lithologic Description	USCS	PID (ppm)	Recovery	Sample ID	Comments
0		ASPHALT: ASPHALT					
2		SAND: Yellowish brown (10YR 5/6). 5% silt, 95% fine - medium sand. Non-plastic fines, damp, loose.	SP				
4							
6		Dark yellowish brown (10YR 4/6). 5% silt, 95% fine - medium sand. Low plastic fines, damp, loose.		5		SB-1-6-6.5 09:42	Top 5 feet of boring cleared by Air Knife.
8							
10		Light olive brown (2.5Y 5/4). 10% silt, 90% fine - medium sand. Damp, loose. Chemical odor (possibly solvents). Color changes to gray.		91.5		SB-1-11-11.5 09:45	
12							
14							
16		Olive gray (5Y 4/2). 10% silt, 90% fine - medium sand. Damp, loose. Chemical odor. Color changes to gray.		560		SB-1-16-16.5 09:50	
18							
20		SILTY SAND: Dark yellowish brown (10YR 4/4). 40% silt, 60% fine - medium sand. Damp, loose. Strong chemical odor.	SM	2224		SB-1-21-21.5 09:53	
22							

URS

LOG OF BORING

Borehole ID: SB-1

Elevation (ft btoc)	Depth (ft)	Symbol	Lithologic Description	USCS	PID (ppm)	Recovery	Sample ID	Well Description/ Comments
24								
26			SAND: Dark yellowish brown (10YR 4/4). 10% silt, 90% fine - medium sand. Damp, loose. Strong chemical odor.	SP	774		SB-1-26-26.5 09:57	
28								
30			Olive brown (2.5Y 4/4). 10% silt, 90% fine - medium sand. Well-sorted. Damp, loose. Strong chemical odor.		1771		SB-1-31-31.5 09:58	
32								
34								
36			Olive brown (2.5Y 4/4). 10% silt, 90% fine - medium sand. Damp, loose. Strong chemical odor.		916		SB-1-36-36.5 10:02	
38								
40			Olive brown (2.5Y 4/4). 10% silt, 90% fine - medium sand. Damp, loose. Strong chemical odor.		413		SB-1-41-41.5 10:05	
42								
44								
46			Olive brown (2.5Y 4/4). 10% silt, 90% fine-medium sand. Damp, loose, Strong chemical odor.		1913		SB-1-46-46.5 10:08	
48								
50			Olive brown (2.5Y 4/4). 10% silt, 90% fine - medium sand. Damp, loose. Moderate chemical odor. Iron staining.		116		SB-1-51-51.5 10:15	
52								
54							SB-1-56-56.5 10:20	
56			Olive brown (2.5Y 4/4). 10% silt, 90% fine - medium sand. Damp, loose. Slight chemical odor. No iron staining.		415			

URS

LOG OF BORING

Borehole ID: SB-1

Elevation (ft btoc)	Depth (ft)	Symbol	Lithologic Description	USCS	PID (ppm)	Recovery	Sample ID	Well Description/ Comments
58								
							SB-1-60.5-61	
60			SILTY SAND: Brown (10YR 4/3). 10% clay, 40% silt, 50% fine sand. Well-sorted. Damp, medium stiff. No odor.	SM			10:35	
					61.3		SB-1-61-61.5	
62							10:37	
64								
			Dark yellowish brown (10YR 4/6). 20% silt, 80% fine - medium sand. Well-sorted. Damp, medium stiff. No odor.					
66					33.3		SB-1-66-66.5	
							10:45	
68								
							SB-1-71-71.5	
70							10:48	
					19.4			EOB @ 71.5 ft bgs.

URS

1333 Broadway, Suite 800
Oakland, California 94612

LOG OF BORING

Boring ID: SB-2

Total Depth: 71.5 ft bgs

PROJECT INFORMATION	DRILLING INFORMATION
Project: ARCO #465	**Drilling Company:** Gregg Drilling & Testing
Site Location: 151 Southgate Avenue, Daly City, CA	**Driller:** Vince Rhyde
Project Manager: Shannon Couch	**Type of Drilling Rig:** Marl M5T Rhino
PG: Barbara Jakub	**Drilling Method:** Simco Augers
Geologist: Andrew Fowler	**Sampling Method:** California Modified Split Spoon
Job Number: 38487359	**Date(s) Drilled:** 7/18/05

BORING INFORMATION

Groundwater Depth (ft bgs): none encountered	**Boring Location:** ~30 ft S of Southgate Ave. and Lake Merced Blvd.
Air Knife or Hand Auger Depth: 5 ft bgs	**Boring Diameter:** 4 inch
Coordinates: Latitude **Longitude**	**Boring Type:** Exploratory

Depth (ft)	Symbol	Lithologic Description	USCS	PID (ppm)	Recovery	Sample ID	Comments
0		ASPHALT: ASPHALT					
		SAND: Yellowish brown (10YR 5/6). 5% silt, 95% fine - medium sand. Non-plastic fines, damp, loose.	SP				
2							
4							
6		Yellowish brown (10YR 5/6). 5% silt, 95% fine - medium sand. Non-plastic fines, damp, loose.		310		SB-2-6-6.5 08:45	Top 5 feet of boring cleared by Air Knife.
8							
10		Yellowish brown (10YR 5/6). 5% silt, 95% fine - medium sand. Non-plastic fines, damp, loose.		174		SB-2-10-10.5 08:50	
12							
14							
16		Yellowish brown (10YR 5/6). 5% silt, 95% fine - medium sand. Non-plastic fines, damp, loose. Chemical odor (possibly solvents).		4.3		SB-2-15-15.5 08:52	
18							
20		Yellowish brown (10YR 5/6). 5% silt, 95% fine - medium sand. Non-plastic fines, damp, loose. Chemical odor.		12.5		SB-2-20-20.5 08:54	
22							

URS

LOG OF BORING

Borehole ID: SB-2

Elevation (ft btoc)	Depth (ft)	Symbol	Lithologic Description	USCS	PID (ppm)	Recovery	Sample ID	Well Description/ Comments
24								
26			SILTY SAND: Olive brown (2.5Y 4/4). 15% silt, 85% fine sand. Low plastic fines, loose. Chemical odor.	SM	6.9		SB-2-25-25.5 08:57	
28								
30			Dark gray (5Y 4/1). 15% silt, 85% fine - medium sand. Low plastic fines, damp. Slight chemical odor.		23.5		SB-2-30-30.5 09:00	
32								
34								
36			Light olive brown (2.5Y 5/4). 15% silt, 85% fine - medium sand. Low plastic fines, damp. Slight chemical odor.		291		SB-2-35.5-36 09:05	
38								
40			Light olive brown (2.5Y 5/4). 15% silt, 85% fine - medium sand. Low plastic fines, damp. Slight chemical odor.		438		SB-2-40-40.5 09:08	
42								
44								
46			Olive brown (2.5Y 4/3), 5% clay, 15% silt, 80% fine - medium sand. Low plastic fines, damp, loose. Slight chemical odor.		649		SB-2-45-45.5 09:11	
48								
50			Light olive brown (2.5Y 5/4). 20% silt, 80% fine - medium sand. Low plastic fines, damp, loose. Slight chemical odor.		383		SB-2-50-50.5 09:17	
52			Light olive brown (2.5Y 5/4). 20% silt, 80% fine - medium sand. Low plastic fines, damp, loose. Strong chemical odor.					
54								
56			Strong brown (7.5YR 4/6). 5% clay, 40% silt, 55% fine - medium sand. Low plastic fines, damp, slight cohesive strength. Iron staining.		41.3		SB-2-56-56.5 09:39	

URS

LOG OF BORING

Borehole ID: SB-2

Elevation (ft btoc)	Depth (ft)	Symbol	Lithologic Description	USCS	PID (ppm)	Recovery	Sample ID	Well Description/ Comments
58								
60			CLAYEY SILT: Dark yellowish brown (10YR 4/4). 15% clay, 75% silt, 10% fine sand. Medium plasticity, damp, loose.	ML	154		SB-2-59.5-60 09:50	
62								
64								
66			SILTY SAND: Yellowish brown (10YR 5/4). 5% clay, 15% silt, 80% fine sand. Damp, loose. Iron staining.	SM	2.7		SB-2-66-66.5 15:24	
68								
70			Olive brown (2.5Y 4/4). 15% silt, 85% fine - medium sand. Damp. loose. Iron staining.		6.8		SB-2-71-71.5 15:26	EOB @ 71.5 ft bgs.

URS

1333 Broadway, Suite 800
Oakland, California 94612

LOG OF BORING

Boring ID: SB-3

Total Depth: 81.5 ft bgs

PROJECT INFORMATION	DRILLING INFORMATION
Project: ARCO #465	**Drilling Company:** Gregg Drilling & Testing
Site Location: 151 Southgate Avenue, Daly City, CA	**Driller:** Vince Rhyde
Project Manager: Shannon Couch	**Type of Drilling Rig:** Marl M5T Rhino
PG: Barbara Jakub	**Drilling Method:** Simco Augers
Geologist: Andrew Fowler	**Sampling Method:** California Modified Split Spoon
Job Number: 38487359	**Date(s) Drilled:** 7/15/05

BORING INFORMATION

Groundwater Depth (ft bgs): none encountered	**Boring Location:**
Air Knife or Hand Auger Depth: 7 ft bgs	**Boring Diameter:** 4 inch
Coordinates: Latitude **Longitude**	**Boring Type:** Exploratory

Depth (ft)	Symbol	Lithologic Description	USCS	PID (ppm)	Recovery	Sample ID	Comments
0		CONCRETE					
		FILL: Olive brown (2.5Y 4/4). Pea gravel fill. 5% sand, 95% angular to rounded gravel. Nonplastic, damp.	SP				
2		SAND: Yellowish brown (10YR 5/6). 5% silt, 95% fine - medium sand. Nonplastic fines, damp, loose.					
4		Fist sized chunks of asphalt in sand from 2-2.5' bgs.					
6							
8		Yellowish brown (10YR 5/6). 5% silt, 95% fine - medium sand. Nonplastic fines, damp, loose.		2.0		SB-3-7-7.5 10:15	Top 7 feet of boring cleared by Air Knife.
10		Yellowish brown (10YR 5/6). 5% silt, 95% fine - medium sand. Nonplastic fines, damp, loose.		3.4		SB-3-11-11.5 10:18	
12							
14							
16		SILTY SAND: Olive brown (2.5Y 4/4). 5% clay, 15% silt, 80% sand. Low plastic fines, loose. Hydrocarbon odor.	SM	1242		SB-3-15.5-16 10:19	
18							
20		Light olive brown (2.5Y 5/4). 5% clay, 15% silt, 80% fine sand. Low plastic fines, damp, loose. Strong hydrocarbon odor.		1495		SB-3-20-20.5 10:22	
22							

URS

LOG OF BORING

Borehole ID: SB-3

Elevation (ft btoc)	Depth (ft)	Symbol	Lithologic Description	USCS	PID (ppm)	Recovery	Sample ID	Well Description/ Comments
24								
26			Light olive brown (2.5Y 5/6), 5% clay, 15% silt, 80% fine sand. Low plastic fines, damp, loose. Strong hydrocarbon odor.		1966		SB-3-25-25.5 10:26	
28								
30			Light olive brown (2.5Y 5/6) with gradual color change to (2.5Y 4/3), 5% clay, 15% silt, 80% fine sand. Low plastic fines, damp, loose. Strong hydrocarbon odor.		1561		SB-3-30-30.5 10:30	
32								
34								
36			Light olive brown (2.5Y 5/4). 20% silt, 80% fine sand. Low plastic fines, damp, loose. Hydrocarbon odor.		504		SB-3-36-36.5 10:32	
38								
40			Light olive brown (2.5Y 5/4). 20% silt, 80% fine sand. Low plastic fines, damp, loose. Decreased hydrocarbon odor.		251		SB-2-40.5-41 10:37	
42								
44								
46			Olive brown (2.5Y 4/3), color grades brown. 10% clay, 20% silt, 70% fine sand. Low plastic fines, damp, loose. Slight odor.		1212		SB-3-45.5-46 10:45	
48								
50			Yellowish brown (10YR 5/4). 5% clay, 20% silt, 75% fine sand. Low plastic fines, damp, loose. Iron staining.		131		SB-3-50.5-51 10:50	
52								
54							SB-3-55.5-56	
56			Yellowish brown (10YR 5/4). 20% silt, 80% fine sand. Low plastic fines, damp - moist, loose.		104		10:55	▽ 56 feet bgs
			Becomes wet at 56 feet bgs.					

URS

LOG OF BORING

Borehole ID: SB-3

Elevation (ft btoc)	Depth (ft)	Symbol	Lithologic Description	USCS	PID (ppm)	Recovery	Sample ID	Well Description/ Comments
58								
60							SB-3-60.5-61	
			SANDY SILT: Dark yellowish brown (10YR 4/4) with black mottling. 10% clay, 65% silt, 25% fine sand. Low plasticity, damp, medium stiff.	ML	16.9		11:03	▼ Groundwater level 60.55 ft. bgs
					2.5		SB-3-61-61.5	
62			Dark yellowish brown (10YR 4/4). 10% clay, 65% silt, 25% fine sand. Medium plasticity, damp - moist, medium stiff. Iron staining.				11:03	
64			CLAYEY SILTY SAND: Grayish (GLEY1 5/10Y). 25% clay, 25% silt, 50% sand. Medium plastic fines, damp - moist. Mottled iron staining.	SM	3.4		SB-3-64.5-65	
66			SILTY SAND: Yellowish brown (10YR 5/6). 20% silt, 80% sand. Low plastic fines. Iron staining.				12:53	
68								
70			Yellowish brown (10YR 5/6). 20% silt, 80% sand. Low plastic fines, stiff. Iron staining.		0.5		SB-3-71-71.5	
72							13:05	
74								
76			Dark yellowish brown (10YR 4/4). 40% silt, 60% sand. Damp - moist, loose. Iron staining.		0.0		SB-3-75.5-76	
							13:17	
78								
80			Dark yellowish brown (10YR 4/4). 40% silt, 60% sand. Damp - moist, loose. Iron staining.				SB-3-81-81.5	
							13:23	
					0.0			EOB @ 81.5 ft bgs.

URS

1333 Broadway, Suite 800
Oakland, California 94612

LOG OF BORING

Boring ID: SB-4

Total Depth: 55 ft bgs

PROJECT INFORMATION	DRILLING INFORMATION
Project: ARCO #465	**Drilling Company:** Gregg Drilling & Testing
Site Location: 151 Southgate Avenue, Daly City, CA	**Driller:** Luis Manjivan (9/28), Bobby Deason (9/29)
Project Manager: Shannon Couch	**Type of Drilling Rig:** Air Knife (9/28) / Rhino Rig (9/29)
PG: Barbara Jakub	**Drilling Method:** HSA
Geologist: Jeremy Quick	**Sampling Method:** California Modified Split Spoon
Job Number: 38487359	**Date(s) Drilled:** 9-28-05 & 9-29-05

BORING INFORMATION	
Groundwater Depth (ft bgs): 50.7 ft bgs	**Boring Location:** ~60 ft W of NW Corner of Southgate/Lake Merced
Air Knife or Hand Auger Depth: 8 ft bgs	**Boring Diameter:** 6 inch
Coordinates: Latitude **Longitude**	**Boring Type:** Exploratory

Depth (ft)	Symbol	Lithologic Description	USCS	PID (ppm)	Recovery	Sample ID	Comments
0		ASPHALT: ASPHALT	AS				
2		NO RECOVERY: Top 8 feet of boring cleared by Air Knife. Top 10 feet of boring not logged.					Boring grouted with Type I-II Neat Portland Cement. Top 3-5 inches finished to grade with concrete.
4							
6							
8							
10		SAND: Dark yellowish brown (10YR 4/4). 3% silt, 97% fine - medium sand. Damp, loose. No odor. Nodules of fines present.	SW				
12							
14							
16		Dark yellowish brown (10YR 4/4). 5% silt, 95% fine - medium sand. Damp, loose. No odor. Interspersed nodules of fines.		1.5			
18							
20		Dark yellowish brown (10YR 4/4). 5% silt, 95% fine - medium sand. Damp, loose. No odor. Interspersed nodules of fines.		0.8			
22		SAND: Very dark brown (10YR 3/2). 5% silt, 95% fine - medium sand. Damp, loose. No odor. Interspersed nodules of fines.	SP				

URS

LOG OF BORING

Borehole ID: SB-4

Elevation (ft btoc)	Depth (ft)	Symbol	Lithologic Description	USCS	PID (ppm)	Recovery	Sample ID	Well Description/ Comments
24								
			Brown (10YR 4/3). 5% silt, 95% fine - medium sand. Damp, loose. No odor.		1.1			
26			SAND: Very dark grayish brown (10YR 3/2). 5% silt, 95% fine - medium sand. Damp, loose. No odor. Dark yellowish brown (10YR 4/3) mottling.	SW				
28								
30			SAND: Dark grayish brown (10YR 4/2). 3% clay, 7% silt, 90% fine sand. Damp, loose. No odor. Trace brown clay nodules. One inch diameter nodule of black (10YR 2/1) clayey silt at 30' bgs.	SP	1.5			
32								
34								
			Dark grayish brown (10YR 4/2). 10% silt, 90% fine sand. Damp, loose. No odor.		1.4		SB-4-35.5' 13:36	
36								
38								
40			SILTY SAND: Very dark brown (10YR 2/2). 5% clay, 10% silt, 85% fine sand. Moist, loose. Mild organic odor. Trace roots and/or organic material.	SM	1.5		SB-4-40.5' 13:41	
42			SILT: Black (10YR 2/1). 90% silt, 10% fine sand. Damp, stiff. No odor. Interbedded with dark brown silt (10YR 2/1).	ML				
44								
			SAND: Black (Gley1 2.5/N). 5% silt, 95% fine sand. Damp, loose. No odor.	SP	3.0		SB-4-45.5' 13:48	
46								
48								
50			Brown (10YR 4/3). 10% silt, 90% fine sand. Wet, loose. No odor.		1.7		SB-4-50.7W 14:30	▽
52								
54								EOB @ 55 ft bgs.

URS

1333 Broadway, Suite 800
Oakland, California 94612

LOG OF BORING

Boring ID: SB-5

Total Depth: 50 ft bgs

PROJECT INFORMATION	DRILLING INFORMATION
Project: ARCO #465	**Drilling Company:** Gregg Drilling & Testing
Site Location: 151 Southgate Avenue, Daly City, CA	**Driller:** Luis Manjivan (9/28), Bobby Deason (9/29)
Project Manager: Shannon Couch	**Type of Drilling Rig:** Air Knife (9/28) / Rhino Rig (9/29)
PG: Barbara Jakub	**Drilling Method:** Hollow Stem Auger
Geologist: Jeremy Quick	**Sampling Method:** California Modified Split Spoon
Job Number: 38487359	**Date(s) Drilled:** 9-28-05 & 9-29-05

BORING INFORMATION

Groundwater Depth (ft bgs): 46.7 ft bgs	**Boring Location:** NW Corner of Southgate/Lake Merced
Air Knife or Hand Auger Depth: 8 ft bgs	**Boring Diameter:** 6 inch
Coordinates: Latitude **Longitude**	**Boring Type:** Exploratory

Depth (ft)	Symbol	Lithologic Description	USCS	PID (ppm)	Recovery	Sample ID	Comments
0		ASPHALT	AS				Boring grouted with Type I-II Neat Portland Cement. Top 3-5 inches finished to grade with concrete.
2		Top 8 feet of boring cleared by Air Knife. Top 10 feet of boring not logged.					
4							
6							
8							
10		SAND: Dark yellowish brown (10YR 4/4). 100% sand. Damp, loose. No odor.	SP				
12							
14							
16		Dark yellowish brown (10YR 4/4). 5% silt, 95% sand. Damp, loose. No odor.					
18							
20		Dark yellowish brown (10YR 4/4). 5% silt, 95% sand. Damp, loose. No odor.					
22							

URS

LOG OF BORING

Borehole ID: SB-5

Elevation (ft btoc)	Depth (ft)	Symbol	Lithologic Description	USCS	PID (ppm)	Recovery	Sample ID	Well Description/ Comments
24								
26			Very dark grayish brown (10YR 3/2). 2% clay, 5% silt, 93% sand. Damp to moist, loose. No odor. Trace nodules of fines.					
28								
30			@30 feet bgs: Very dark grayish brown (10YR 3/2). 5% clay, 5% silt, 90% sand. Damp, loose. No odor.		1.6			
32			SANDY SILT: Brown (10YR 4/3). 5% clay, 75% silt, 20% sand. Damp, soft to medium stiff. No odor. Interspersed very dark grayish brown (10YR 3/2) sand lenses.	ML				
34								
36			SAND: Very dark grayish brown (10YR 3/2). 10% silt, 90% sand. Moist, loose. No odor.	SP			SB-5-35.5' 09:39	
38								
40			Very dark brown (10YR 2/2). 10% silt, 90% sand. Moist, loose. No odor. Very dark grayish brown (10YR 3/2) mottling.		1.4		SB-5-40' 09:46	
42								
44								
46			Brown (10YR 4/3). 5% silt, 95% sand. Wet, loose. No odor.					
48			SILTY SAND: Dark yellowish brown (10YR 4/4). 2% clay, 40% silt, 58% sand. Damp, medium dense. No odor. Grayish brown (10YR 5/2) mottling.	SM			SB-5-46.7W 10:25	
50								

URS

1333 Broadway, Suite 800
Oakland, California 94612

LOG OF BORING

Boring ID: SB-7

Total Depth: 60 ft bgs

PROJECT INFORMATION	DRILLING INFORMATION
Project: ARCO #465	**Drilling Company:** Gregg Drilling & Testing
Site Location: 151 Southgate Avenue, Daly City, CA	**Driller:** Luis Manjivan (9/26), Bobby Deason (9/27)
Project Manager: Shannon Couch	**Type of Drilling Rig:** Air Knife (9/26) / Rhino Rig (9/27)
PG: Barbara Jakub	**Drilling Method:** Hollow Stem Auger
Geologist: Jeremy Quick	**Sampling Method:** California Modified Split Spoon
Job Number: 38487359	**Date(s) Drilled:** 9-26-05 & 9-27-05

BORING INFORMATION

Groundwater Depth (ft bgs): 59.4 ft bgs	**Boring Location:** ~20 ft N of NE Corner of Southgate/Lake Merced
Air Knife or Hand Auger Depth: 5 ft bgs	**Boring Diameter:** 6 inch
Coordinates: Latitude **Longitude**	**Boring Type:** Exploratory

Depth (ft)	Symbol	Lithologic Description	USCS	PID (ppm)	Recovery	Sample ID	Comments
0		ASPHALT	AS				Boring grouted with Type I-II Neat Portland Cement. Top 3-5 inches finished to grade with concrete.
2		SILTY SAND: Dark yellowish brown (10YR 4/4). 20% silt, 78% sand, 2% (trace) gravel. Damp, loose. No odor. Gravel is sub-angular to sub-rounded, approx. 1/4 - 1/2 inch diameter.	SM				
4							Top 5 feet of boring cleared by Air Knife and logged by soil cuttings.
6		SAND: Dark yellowish brown (10YR 4/6) and (10YR 5/1). 100% fine sand. Damp, loose. No odor.	SP				
8		Dark yellowish brown (10YR 4/4). 100% sand. Damp, loose. No odor.					
10		Dark yellowish brown (10YR 4/4). 5% silt, 95% sand. Damp, loose. No odor. Brown (10YR 5/3) mottling.		1.1			
12							
14							
16		Dark yellowish brown (10YR 4/4). 5% silt, 95% sand. Damp, loose. No odor. Interspersed brown (10YR 5/3) mottling.		1.6			
18							
20		Dark yellowish brown (10YR 4/4). 5% silt, 95% sand. Damp, loose. No odor. Interspersed brown (10YR 5/3) mottling. @20.5 feet bgs underlain by: Brown (10YR 4/3). 10% silt, 90% sand. Damp, loose. No odor. One ~1 inch diameter resistant iron nodule.		1.0			
22							

URS

LOG OF BORING

Borehole ID: SB-7

Elevation (ft btoc)	Depth (ft)	Symbol	Lithologic Description	USCS	PID (ppm)	Recovery	Sample ID	Well Description/ Comments
24								
			SANDY SILT: Greenish black (GLEY1 2.5/10GY). 75% silt, 25% sand. Damp, medium stiff to stiff. Low plasticity. Mild to moderate organic odor. Occasional roots and/or organics. Large piece of decomposed wood, approx 2 inch diameter, at 25 ft bgs.	ML / SM	1.2 / 0.8			
26								
			SILTY SAND: Dark grayish brown (2.5Y 4/2). 15% silt, 85% sand. Damp, loose. No odor. Light grayish brown (2.5Y 6/2) mottling.					
28								
30			SILT: Black (2.5Y 2.5/1). 90% silt, 10% sand. Damp, soft to medium stiff. Low plasticity. No odor.	ML / SP	0.9			
			SAND: Very dark grayish brown (2.5Y 3/2). 2% clay, 10% silt, 88% sand. Damp, loose. No odor. Occaisonal clayey silt nodules.					
32								
34			Very dark grayish brown (2.5Y 3/2). 2% clay, 10% silt, 88% sand. Damp, loose. No odor. Clayey silt nodules present.					
			SILT: Very dark gray (10YR 3/1). 5% clay, 95% silt. Damp, medium stiff to stiff. Low plasticity. No odor. Occasional iron staining.	ML / SP	0.7			
36								
			SAND: Very dark grayish brown (10YR 3/2). 10% silt, 90% sand. Damp, loose. No odor.					
38								
40			SILT: Black (10YR 2/1). 5% clay, 95% silt. Damp, medium stiff to stiff. Low plasticity. No odor.	ML / SP	1.1		SB-7-40.5' 10:00	
			SAND: Very dark gray (10YR 3/1). 100% sand. Damp, loose. No odor. Interspersed white sand grains.					
42								
44								
			SILT: Black (GLEY1 2.5/N). 5% clay, 95% silt. Damp, stiff. Low plasticity. No odor.	ML	1.3		SB-7-45.5' 10:05	
46								
48								
50			Black (5Y 2.5/1). 95% silt, 5% sand. Damp, stiff to very stiff. Low plasticity. No odor.		0.8		SB-7-50.5' 10:10	
52								
54								
			Very dark brown (10YR 2/2). 5% clay, 85% silt, 10% sand. Low plasticity. Interspersed lighter clayey silt mottling.		0.8		SB-7-55.5' 10:15	
56								

URS

LOG OF BORING

Borehole ID: SB-7

Elevation (ft btoc)	Depth (ft)	Symbol	Lithologic Description	USCS	PID (ppm)	Recovery	Sample ID	Well Description/ Comments
58							SB-7-59.4W 11:08	EOB @ 60 ft bgs.
60								

URS

1333 Broadway, Suite 800
Oakland, California 94612

LOG OF BORING

Boring ID: SB-8

Total Depth: 75 ft bgs

PROJECT INFORMATION	DRILLING INFORMATION
Project: ARCO #465	**Drilling Company:** Gregg Drilling & Testing
Site Location: 151 Southgate Avenue, Daly City, CA	**Driller:** Luis Manjivan (9/26), Bobby Deason (9/27)
Project Manager: Shannon Couch	**Type of Drilling Rig:** Air Knife (9/26) / Rhino Rig (9/27)
PG: Barbara Jakub	**Drilling Method:** Hollow Stem Auger
Geologist: Jeremy Quick	**Sampling Method:** California Modified Split Spoon
Job Number: 38487359	**Date(s) Drilled:** 9-26-05 & 9-27-05

BORING INFORMATION	
Groundwater Depth (ft bgs): 52.7 ft bgs	**Boring Location:** SE Corner of Southgate/Lake Merced
Air Knife or Hand Auger Depth: 5.5 ft bgs	**Boring Diameter:** 6 inch
Coordinates: Latitude **Longitude**	**Boring Type:** Exploratory

Depth (ft)	Symbol	Lithologic Description	USCS	PID (ppm)	Recovery	Sample ID	Comments
0		ASPHALT	AS				Boring grouted with Type I-II Neat Portland Cement. Top 3-5 inches finished to grade with concrete.
2		SILTY SAND: Dark yellowish brown (10YR 4/4). 20% silt, 78% fine sand, 2% (trace) gravel. Damp, loose. No odor.	SM				
4							Top 5.5 feet of boring cleared by Air Knife, and logged using soil cuttings.
6		SAND: Dark yellowish brown (10YR 4/6). 100% sand. Damp, loose. No odor.	SP				
8		Dark yellowish brown (10YR 4/6). 10% silt, 90% sand. Damp, loose. No odor.					
10		Dark yellowish brown (10YR 4/6). 10% silt, 90% sand. Damp, loose. No odor.					
12							
14							
16		SILTY SAND: Dark yellowish brown (10YR 4/4). 2% clay, 15% silt, 83% sand. Damp, loose. No odor. Higher silt content at 16.2 ft bgs. Dark brown (10YR 3/3) mottling between 10.7 and 11.1 ft bgs.	SM				
18							
20		SAND: Dark yellowish brown (10YR 4/4). 100% fine to medium sand. Damp, loose. No odor.	SP				
22							

URS

LOG OF BORING

Borehole ID: SB-8

Elevation (ft btoc)	Depth (ft)	Symbol	Lithologic Description	USCS	PID (ppm)	Recovery	Sample ID	Well Description/ Comments
24								
26			Black (10YR 2/1). 10% silt, 90% sand. Damp, loose. No odor.		0			
28								
30			Black (10YR 2/1). 10% silt, 90% sand. Damp, loose. No odor.		0.5			
32								
34								
36			Dark yellowish brown (10YR 4/3). 100% sand. Wet, loose. No odor. Gray (10YR 5/1) mottling. Saturated soil at 35 feet bgs.		0			
38								
40			Olive brown (2.5Y 4/4). 100% fine sand. Moist, loose.		0.2		SB-8-40.5' 10:24	
42								
44								
46			Olive brown (2.5Y 4/4). 100% fine sand. Damp, loose.		5.9		SB-8-45.5' 10:29	
48								
50			Light olive brown (2.5Y 5/4). 100% medium sand. Damp, loose. No odor.		1.7		SB-8-50.5' 10:35	
52							SB-8-52.7W 10:50	GW at 52.7 ft bgs following recovery.
54								
56			SILT: Dark grayish brown (2.5Y 4/2). 2% clay, 88% silt, 10% sand. Damp, very stiff. Low plasticity. No odor. Occaisional black (2.5Y 2.5/1) nodules. Gray (2.5Y 5/1) mottling. @55.9 feet bgs underlain by: Dark yellowish brown (10YR 3/4). 90% silt, 10% sand. Damp, stiff to very stiff. Low plasticity.	ML / SM	25.3			First encountered GW at 56.8 ft bgs.

URS

LOG OF BORING

Borehole ID: SB-8

Elevation (ft btoc)	Depth (ft)	Symbol	Lithologic Description	USCS	PID (ppm)	Recovery	Sample ID	Well Description/ Comments
58			SILTY SAND: Dark yellowish brown (10YR 3/4). 25% silt, 75% fine sand. Damp, loose. No odor.					
60			Very dark gray (2.5Y 3/1). 30% silt, 70% sand. Damp, loose to medium dense. No odor.		50			
62			SANDY SILT: Olive brown (2.5Y 4/3). 2% clay, 60% silt, 38% sand. Damp, soft to medium stiff. Low plasticity. No odor.	ML				
64			Olive brown (2.5Y 4/3). 2% clay, 60% silt, 38% sand. Dry, soft to medium stiff. Low plasticity. No odor.					
66			SAND: Dark yellowish brown (10YR 4/6). 100% sand. Dry, loose. No odor.	SP				
68								Boring advanced to 75 ft bgs for purpose of GW sampling by HydroPunch. However, no GW encountered at 75 ft bgs.
70			Dark yellowish brown (10YR 4/6). 100% sand. Dry, loose. No odor. With dark red (2.5YR 5/6) sand lense. @70.5 feet bgs: Yellowish brown (10YR 5/6). 100% sand. Dry, loose. No odor.		5.8			
72								
74								EOB @ 75 ft bgs.

URS

1333 Broadway, Suite 800
Oakland, California 94612

LOG OF BORING

Boring ID: SB-9

Total Depth: 60 ft bgs

PROJECT INFORMATION	DRILLING INFORMATION
Project: ARCO #465	**Drilling Company:** Gregg Drilling & Testing
Site Location: 151 Southgate Avenue, Daly City, CA	**Driller:** Luis Manjivan (9/26), Bobby Deason (9/27)
Project Manager: Shannon Couch	**Type of Drilling Rig:** Air Knife (9/26) / Rhino Rig (9/27)
PG: Barbara Jakub	**Drilling Method:** Hollow Stem Auger
Geologist: Jeremy Quick	**Sampling Method:** California Modified Split Spoon
Job Number: 38487359	**Date(s) Drilled:** 9-26-05 & 9-27-05

BORING INFORMATION	
Groundwater Depth (ft bgs): 56.8 ft bgs	**Boring Location:** ~40 ft S of SE Corner of Southgate/Lake Merced
Air Knife or Hand Auger Depth: 5.2 ft bgs	**Boring Diameter:** 6 inch
Coordinates: Latitude **Longitude**	**Boring Type:** Exploratory

Depth (ft)	Symbol	Lithologic Description	USCS	PID (ppm)	Recovery	Sample ID	Comments
0		ASPHALT	AS				Boring grouted with Type I-II Neat Portland Cement. Top 3-5 inches finished to grade with concrete.
2		SILTY SAND: Yellowish brown (10YR 5/4). 20% silt, 78% fine sand, 2% sub-rounded gravel. Damp, loose. No odor.	SM				
4							Top 5.2 feet of boring cleared by Air Knife, and logged using soil cuttings.
6		SAND: Olive brown (2.5Y 4/3). 100% fine sand. Damp, loose. No odor.	SW				
8		Dark yellowish brown (10YR 4/4). 100% sand. Damp, loose. No odor. Dark yellowish brown (10YR 3/4) sand lense at 8.1 ft bgs.		0			
10		SILTY SAND: Dark yellowish brown (10YR 4/6). 15% silt, 85% sand. Damp, loose. No odor.	SM				
12		SAND: Dark brown (10YR 3/3). 100% sand. Damp, loose. No odor.	SP				
14							
16		Dark yellowish brown (10YR 4/6). 10% silt. 90% sand. Damp, loose. No odor. Interspersed dark yellowish brown (10YR 3/4) mottling.		0.5			
18							
20		Dark yellowish brown (10YR 4/6). 10% silt. 90% sand. Damp, loose. No odor.		1.1			
22							

URS · LOG OF BORING

Borehole ID: SB-9

Elevation (ft btoc)	Depth (ft)	Symbol	Lithologic Description	USCS	PID (ppm)	Recovery	Sample ID	Well Description/ Comments
24								
26			SILTY SAND: Very dark brown (10YR 3/2). 15% silt, 85% sand. Damp, loose. No odor. Dark yellowish brown (10YR 4/4) mottling.	SM	0.2			
28								
30			SAND: Dark yellowish brown (10YR 4/4). 100% fine sand. Damp, loose. No odor. Dark yellowish brown (10YR 3/6) mottling at 31.4 ft bgs.	SW	0.3			
32								
34								
36			SILTY SAND: Dark yellowish brown (10YR 4/4). 5% clay, 25% silt, 70% sand. Damp, loose to medium dense. Low plasticity. No odor.	SM	0		SB-9-35.5' 14:40	
			SAND: Light olive brown (2.5Y 5/3). 100% sand. Damp, loose. No odor.	SW				
38								
40			Light olive brown (2.5Y 5/3). 100% sand. Damp, loose. No odor.		0.5			
42								
44								
46			Light olive brown (2.5Y 5/3). 100% sand. Damp, loose. No odor.				SB-9-45.5' 14:50	
48								
50			SAND: Dark yellowish brown (10YR 4/4). 2% clay, 8% silt, 90% fine to medium sand. Moist, loose. No odor.	SP	0		SB-9-50.5' 14:57	
52								
54								
56			SILT: Dark yellowish brown (10YR 4/4). 10% clay, 90% silt. Damp to dry, medium stiff to stiff. Low plasticity. No odor. @55.5 feet bgs: Very dark gray (10YR 3/1). 10% clay, 90% silt. Damp to dry, medium stiff to stiff. Low plasticity. No odor.	ML			SB-9-56.8W	

URS

LOG OF BORING

Borehole ID: SB-9

Elevation (ft btoc)	Depth (ft)	Symbol	Lithologic Description	USCS	PID (ppm)	Recovery	Sample ID	Well Description/ Comments
58								
60								EOB @ 60 ft bgs.

URS

1333 Broadway, Suite 800
Oakland, California 94612

LOG OF BORING

Boring ID: SB-10

Total Depth: 50 ft bgs

PROJECT INFORMATION	DRILLING INFORMATION
Project: ARCO #465	**Drilling Company:** Gregg Drilling & Testing
Site Location: 151 Southgate Avenue, Daly City, CA	**Driller:** Bobby Deason
Project Manager: Shannon Couch	**Type of Drilling Rig:** Air Knife / Rhino Rig
PG: Barbara Jakub	**Drilling Method:** Hollow Stem Auger
Geologist: Jeremy Quick	**Sampling Method:** California Modified Split Spoon
Job Number: 38487359	**Date(s) Drilled:** 9-28-05

BORING INFORMATION

Groundwater Depth (ft bgs): 49.2 ft bgs	**Boring Location:** ~60 ft E of NE corner of Southgate/Lake Merced
Air Knife or Hand Auger Depth: 8 ft bgs	**Boring Diameter:** 6 inch
Coordinates: Latitude **Longitude**	**Boring Type:** Exploratory

Depth (ft)	Symbol	Lithologic Description	USCS	PID (ppm)	Recovery	Sample ID	Comments
0		ASPHALT	AS				Boring grouted with Type I-II Neat Portland Cement. Top 3-5 inches finished to grade with concrete.
2		Top 8 feet of boring cleared by Air Knife, not logged.					
4							
6							
8							
10		SAND: Dark yellowish brown (10YR 4/4). 100% sand. Damp, loose. No odor.	SP	0			
12							
14							
16		Dark yellowish brown (10YR 4/4). 100% sand. Damp, loose. No odor. Dark brown (10YR 3/3). 2% clay, 3% silt, 95% sand. Damp, loose. No odor. Nodules of fines.		0.4			
18							
20		Dark brown (10YR 3/3). 5% silt, 95% sand. Damp, loose. No odor.		0.6			
22		Dark yellowish brown (10YR 4/4). 100% sand. Damp, loose. No odor.					

URS

LOG OF BORING

Borehole ID: SB-10

Elevation (ft btoc)	Depth (ft)	Symbol	Lithologic Description	USCS	PID (ppm)	Recovery	Sample ID	Well Description/ Comments
24			Dark yellowish brown (10YR 4/4). 100% sand. Moist, loose. No odor.		0.6			
26			SANDY SILT: Very dark grayish brown (10YR 3/2). 10% clay, 75% silt, 15% sand. Moist, medium stiff to stiff. Low plasticity. No odor.	ML				
28								
30			SAND: Black (10YR 2/1). 100% sand. Damp, loose. No odor. Interspersed white sand grains.	SP	0			
32								
34								
36			SILTY SAND: Black (10YR 2/1). 15% silt, 85% sand. Damp, loose. No odor. Interspersed white sand grains.	SM	0.1		SB-10-36' 14:18	
38								
40			Very dark gray (10YR 3/1). 15% silt, 85% sand. Damp, loose. No odor. Interspersed white sand grains.		0.5			
42								
44								
46			Greenish black (GLEY1 2.5/5GY). 15% silt, 85% sand. Moist to wet, loose. No odor. Saturated soil layer between 45.8 and 46.2 ft bgs.		0.3			
48							SB-10-49.2W 14:30	EOB @ 50 ft bgs.
50								

"8S]R0#X ! >* ĀFA
S0 (#VSMX/A/Ā&174K8:45Ā L5JMĀ2NĀ;4NMĀ>
"8S]R0#ĀMU ĀZR8XE//F//HG@

Y R Ā9Ā'8S ZRWS RĀ9ZS8RWS RĀMSX
&-. // "(QRĀ Ā5ĀĀĀĀH

P8 V VMQX !#(8#RP CD@DC 0S Ā" R#RPX CEB/DC
VM!#((#VSMX !#(8#RP CD@DC 0S Ā" R#RPX CEB/DC
P8 V VMQĀ0SĀ"(M7X ,:4 ;1<:2Ā#=)
P8 V VMQĀR[UV"ĀRM#X>?# .@A
P8 V VMQĀĀR#V8PX01223ĀĀ56 Ā!7859
!(Ā" VM QĀR[UV"ĀRM#X&B24ĀB11<

MS8#WVMQĀFA-JX
(#V#UP RX
Q8 SUMPĀR R^ĀFAX
VMV#VĀP#Y ĀFAXFFĀCDGDC
!#(#V 0ĀP#Y ĀFAX?
Y R Ā0(!VMQĀPV(Ā R#R8ĀF.1X1..
SQ QRPĀZ7X?

R(! #VMQĀFA-JX
SM QV#UPRX
#S0 ĀR R^ĀFAX
ZS8RWS RĀPR"#WĀFA-JEHJH
Y R ĀPR"#WĀFA-JX
ZS8RWS RĀPV(Ā R#R8ĀF.1X@
0WR0\RPĀZ7X>&

#.=3ĀO P3%-* FA33	Q2+%*./ $ B	U! 0!	P3)/ 2.%-.$1	!+=%,3	#.= 3 !+= %,3ĀV	Ā3+)?23> 83/$DN FA33	Z,$<Ā0$?1- F%3 2$%-J	W3+>)%#3 "VP F?1.-J	P3%-* FA33	Z$23*$,3 Z+/L A.,,
		Ā	#$%Ā&'Ā(%*+,-./Ā0$ 1/23-3 Ā ! "#$$%Ā&$(ĀĀĀ 4Ā5678Ā&9:Ā;2$14 = 3>.?= Ā%,+)-./@42Ā4Ā $.)-4Ā1$Ā$>2$4Ā1$)-+.1.1B4Ā1Ā3ĀB2+.13>ĀB2D3;EFĀGHEHEIJĀEĀ3 A.13ĀB+13>Ā)+1>						0$ 1/23-3 0+ %
H		!"	) ** $ %Ā ! +# +Ā&! ,+ ĀĀ!" 4Ā5678Ā&9: ;2$<14ĀĀ3ĀB2+.13>4Ā 3>.?= Ā>31)34Ā $.)-4 1$Ā$>$24Ā1$Ā)1.1B4Ā2+3Ā).,-ĀF6EKEHJ						H
			!((							
56			!((EĀ$Ā),-ĀF6E5666J			5NH	5& 5H 5I	5N&	56	M3+-Ā3= 31- B2$?-
5H									5H	
G6			!+= 3Ā+)Ā+;$DĀF!((JEĀ+2LĀ;2$1ĀF678 :9:J			5NH	5G 5G 5I	55N6	G6	

QRSĀTS8ĀĀ:68ĀĀIZC55G"]ĀĀ!08_G66H6`G6#SRPV#IJNQP#Ā89B9

"8S]R0#X ! >* ĀFA
S0 (#VSMX/A/Ā&174K8:45Ā L5JMĀ2NĀ>;4NMĀ>
"8S]R0#ĀMU ĀZR8XE//F//HG@

Y R Ā9Ā'8S ZRWS RĀ9ZS8RWS RĀMSX
&-. // "(QRĀ ĀGSĀĀĀH

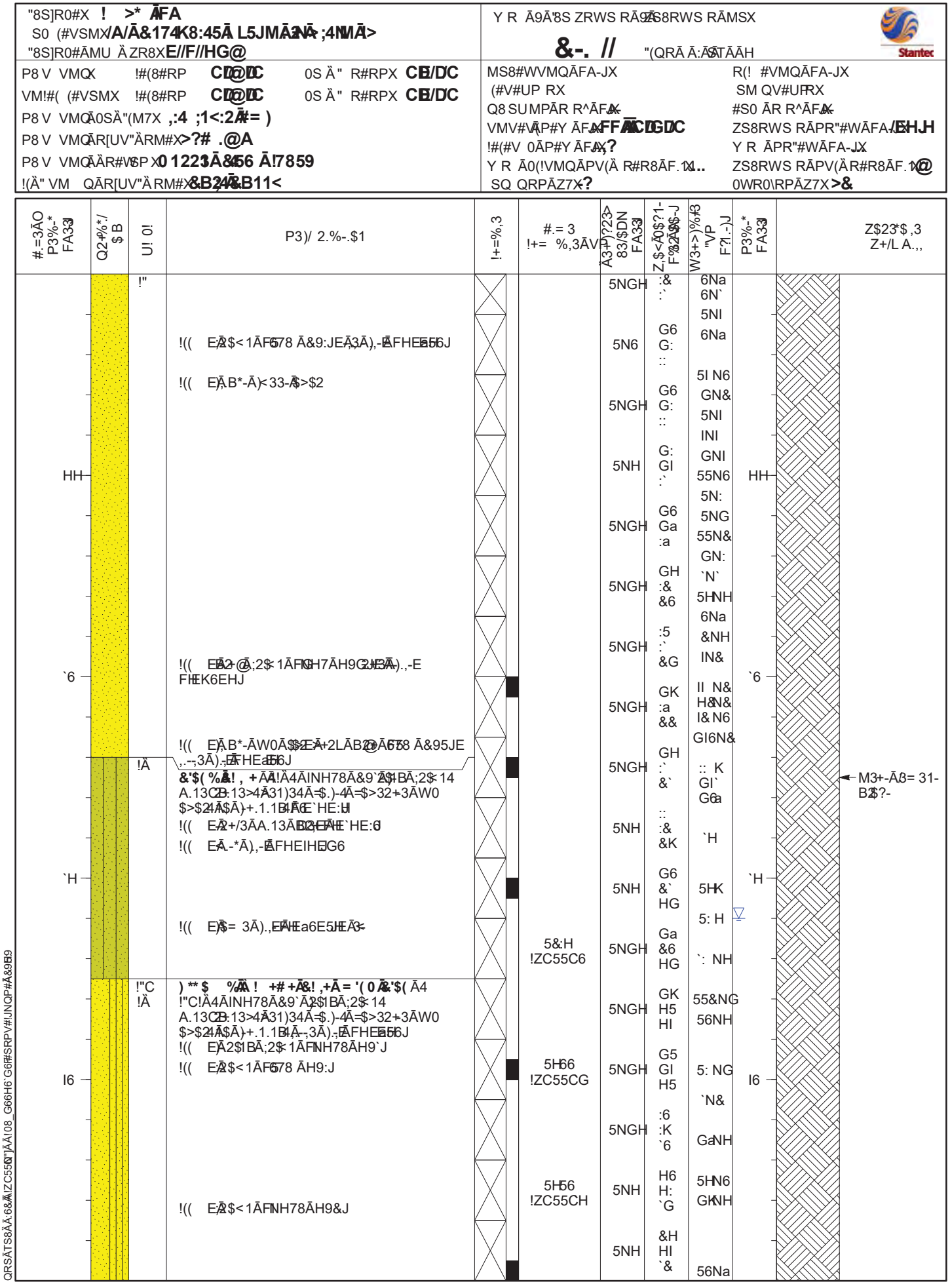
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VM!#((#VSMX !#(8#RP CD@DC 0S Ā" R#RPX CBE/DC
P8 V VMQĀ0SĀ"(M7X ,:4 ;1<:2Ā#=)
P8 V VMQĀR[UV"ĀRM#X>?# .@A
P8 V VMQĀĀR#V6P X0 1223Ā&56 Ā!7859
!(Ā" VM QĀR[UV"Ā RM#X&B24&B11<

MS8#WVMQĀFA-JX
(#V#UP RX
Q8 SU MPĀR R^ĀFAX
VMV#VĀP#Y ĀFAXFFĀCDGDC
!#(#V 0ĀP#Y ĀFAX?
Y R Ā0(!VMQĀPV(Ā R#R8ĀF.1X..
SQ QRPĀZ7X?

R(! #VMQĀFA-JX
SM QV#UPRX
#S0 ĀR R^ĀFAX
ZS8RWS RĀPR"#WĀFA-/EHJH
Y R ĀPR"#WĀFA-JX
ZS8RWS RĀPV(Ā R#R8ĀF.1X@
0WR0\RPĀZ7X>&

#.=3ĀO P3%-* FA33	Q2+%*/ $ B	U! 0!	P3)/ 2.%-.$1	!+=%,3	#.= 3 !+= %,3ĀV	Ā3+)?23> 83/$DN FA33	Z,$<Ā0$?1- F*3 2$-J	W3+>)%#3 "VP F?1.-J	P3%-* FA33	Z$23*$,3 Z+/L A.,,
		!"								
:6			!((EĀB*-Ā$,.DĀ&2$<1ĀFKGH7ĀH9`J			5NH	56 5` 5K	G8N:	:6	
:H									:H	M3+-Ā3= 31- B2?-
&6			!((EĀ2-@)*Ā;2$<1ĀFKGH7ĀH9GJ			5NH	5: 5H G5	GNI	&6	
&H			!((			5NH	H6 5a G:	6N` 6NH 6NI 6N&	&H	
						5NGH	5: G5 G`	6NH 6NG 6NI		
			!((E2+/3ĀA.13ĀB2EĀHEKHE6J			5NH	a G5 GK	6N5 6NI 6NG		
			!((E2$<1ĀF678 ĀH9:J				G5			

QRSĀTS8ĀĀ:68ĀĀIZC550"]ĀĀ108_G66H6`G6#SRPV#IJNQP#Ā89B9



"8S]R0#X ! >* ĀFA
S0 (#VSMX/A/Ā&174K8:45Ā L5JMĀ2NĀ;4NMĀ>
"8S]R0#ĀMU ĀZR8XE//F//HG@

Y R Ā9Ā'8S ZRWS RĀ9ZS8RWS RĀMSX
&-. // "(QRĀ Ā&ŠĀĀĀH

P8 V VMQX	!#(8#RP CD@DC	0S Ā" R#RPX CEE/DC	MS8#WVMQĀFA-JX	R(! #VMQĀFA-JX
VM!#((#VSMX	!#(8#RP CD@DC	0S Ā" R#RPX CEE/DC	(#V#UP RX	SM QV#UPRX
P8 V VMQĀ0SĀ"(M7X ,:4 ;1<:2Ā#=)			Q8 SUMPĀR R^ĀFAX	#S0 ĀR R^ĀFAX
P8 V VMQĀR[UV"ĀRM#X>?# .@A			VMV#VĀP#Y ĀFAXFFĀCDGDC	ZS8RWS RĀPR"#WĀFA-JEHJH
P8 V VMQĀĀR#V8P X0 1223Ā&56 Ā!7859			!#(#V 0ĀP#Y ĀFAX?	Y R ĀPR"#WĀFA-JX
!(Ā" VM QĀR[UV"ĀRM#X&B24&B11<			Y R Ā0(!VMQĀPV(Ā R#R8ĀF.1X1..	ZS8RWS RĀPV(Ā R#R8ĀF.1X@
			SQ QRPĀZ7X-?	0WR0\RPĀZ7X>&

QRSĀTS8ĀĀ:68&ĀIZC550"]ĀĀ!08_G66H6`G6#SRPV#!JNQP#Ā&9B9

#.=3ĀO P3%-* FA33	Q2+%*./ $ B	U! 0!	P3)/ 2.%-.$1	!+=%,3	#.= 3 !+= %,3ĀV	Ā3+)?23> 83/$DN FA33	Z,$<Ā0$?1- F%2$%-J	W3+>)%#3 "VP F?1.-J	P3%-* FA33	Z$23*$,3 Z+/L A.,,
a6		!"	) ** $ %ĀĀ ! +# +Ā&! ,+ ĀĀ!" 4ĀNH78Ā&9`)-2$1BĀ;2$<14Ā1Ā3ĀB2+.13>4Ā 3>.?= Ā>31)34 <3-4ĀĀ$Ā$>$24Ā1$Ā)1.1B4Ā+3Ā).,-ĀF6EKHEHJ		5H&6 !ZC55Ā6	5NGH	:K H5 ``	KNI	a6
						5NH	&a &a `I	G:N: INH	
						5N6	&& H& `K	`N:	
			!((E@3$<.)*Ā;2$<1ĀF678ĀH98EJĀ$)3E = $.)-		!ZC55ĀH	5NGH	&5 H6 `I	6NH GN5	
						5NH	&6 H: `K	56NK 5NI	
aH			!((E@3$<.)*Ā;2$<1ĀF678ĀH9aJ		KGH !ZC55Ga6	5NH	H5 `5 IG	`NK	aH
						5NGH	&a `& I6	GN: 5GN5 6NG	
						5N6	HG `6 I:	GN5 GN:	
			!((E@2$<1ĀF678 Ā&9:J		K&H !ZC55GaH	5NH	HI `6 I:	&NK `NI	M3+-Ā3= 31- B2$?-
K6						5NH	H6 `: IH	5Na	K6
						5N6	H& `` Ia	6NG 6N5	
						5NH	`6 `H a6	6N`	
					565H !ZC55ĀK6	5NGH	Ha `H aG	6N:	
KH			!((			5N6	&a `I a&	6NG 6NG	KH
					55&6 !ZC55ĀKH	5NGH	&G `H aI	6N& 6NG	
						5N6	H6 `: aH	6NG	
						5N6	H` `a	6NG	

"8S]R0#X ! >* ĀFA
S0 (#VSMX/A/Ā&174K8:45Ā L5JMĀ2NĀ> ;4NMĀ>
"8S]R0#ĀMU ĀZR8XE//F//HG@

Y R Ā9Ā'8S ZRWS RĀ9ZS8RWS RĀMSX
&-. // "(QRĀ ĀHŠŠĀĀH

P8 V VMQX !#(8#RP CD@DC 0S Ā" R#RPX CEE/DC
VM!#((#VSMX !#(8#RP CD@DC 0S Ā" R#RPX CEE/DC
P8 V VMQĀ0SĀ"(M7X ,:4 ;1<:2Ā#=)
P8 V VMQĀR[UV"ĀRM#X>?# .@A
P8 V VMQĀÀR#V8P X0 122 3Ā&56 Ā!7859
!(Ā" VM QĀR[UV"Ā RM#X&B24&B11<

MS8#WVMQĀFA-JX
(#V#UP RX
Q8 SUMPĀR R^ĀFAX
VMV#VĀP#Y ĀFAXFFĀCDGDC
!#(#V 0ĀP#Y ĀFAX?
Y R Ā0(!VMQĀPV(Ā R#R8ĀF.1X..
SQ QRPĀZ7X?

R(! #VMQĀFA-JX
SM QV#UPRX
#S0 ĀR R^ĀFAX
ZS8RWS RĀPR"#WĀFA-JEHJH
Y R ĀPR"#WĀFA-JX
ZS8RWS RĀPV(Ā R#R8ĀF.1X@
0WR0\RPĀZ7X>&

#.=3ĀO P3%-* FA33	Q2+%*./ $ B	U! 0!	P3)/ 2.%-.$1	!+=%,3	#.= 3 !+= %,3ĀV	Ā3+)?223> 83/$DN FA33	Z,$<Ā0$?1- F%2$%-J	W3+>)%#3 "VP F?1.-J	P3%-* FA33	Z$23*$,3 Z+/L A.,,
		!"	!((		5G56 !ZC55G566		al	6NG		
						6NH	`5 `I aK	6N:		
			M$Ā23/$D32@EĀ.1)-32-3>Ā)Ā+>/*			6	HG `G K5			
		!"	) ** $ %ĀĀ ! +# +Ā&! ,+ ĀĀ!" 4Ā5678Ā&9: ;2$<14ĀĀ3GB2+.13>4Ā 3>.?= Ā>31)34Ā<3-4Ā$Ā$ $>$24Ā1$Ā)+.1.1B4Ā2+/3Ā).,EĀFĀEKHEHJ			6NIH	`` `K KH	5NH		
56H					5H&6 !ZC55G56H	5NGH	I6 I: Ka	GNH GN6	56H	
			!((			5NGH	`K `a 56G	5N:		
		!"C !Ā	) ** $ %ĀĀ ! +# +Ā&! ,+Ā = '(0Ā&'$(Ā4 !"C!Ā4Ā5678 Ā&9:Ā;2$14ĀĀ3GB2+.13>4 = 3>.?= Ā>31)34Ā<3-4Ā$Ā$>$24Ā1$Ā)+.1.1B4 ,.--;3Ā).,EĀ2+/3ĀĀ13ĀB42D3,EĀFHEaHJE56 !((EĀ$ĀB2D3,EĀEK6E56			6NIH	`a I` 56G	5N5		
556					5` 5H !ZC55G556	5N6	`I Ia 56H	GN&	556	← M3+-Ā8= 31- B2$?-
		!Ā	&'$(%Ā&! , +ĀĀ!Ā4ĀINH78Ā&9&Ā<2$ A.13G2B+.13>4Ā 3>.?= Ā>31)34Ā<3-4Ā$Ā$>$24Ā1$)-+.1.1B4Ā$= 3Ā).,EĀFĀEaHE5H			5NH	`a a6 56a	GN5 :N5		
						5NH	&& `6 56a	&NG		
55H			!((		5` :6 !ZC55G55H	5NH	IG K5 5: :	:Na GNa	55H	
		!"C !Ā	) ** $ %ĀĀ ! +# +Ā&! ,+Ā = '(0Ā&'$(Ā4 !"C!Ā4ĀINH78Ā&9&Ā$2 14ĀĀ3GB2+.13>4 = 3>.?= Ā>31)34Ā<3-4Ā$Ā$>$24Ā1$Ā)+.1.1B4			5NH	I6 I: 55H	GN&		
		!"	!((EĀ-;3Ā).,EĀFĀEK6E56							
			) ** $ %ĀĀ ! +# +Ā&! ,+ ĀĀ!" 4ĀNH78Ā&9& ;2$<14ĀĀ3GB2+.13>4Ā 3>.?= Ā>31)34Ā<3-4Ā$ $>$24Ā1$Ā)+.1.1B4Ā2+/3Ā).,EĀFĀEKHEHJ			5NH	IH II 5G6	6NI		
			!((			5NH	`G a: 55H	6NG		
5G6			Z$23*$,3Ā-32=1+-3>Ā+-3G6ĀA33-Ā;B)N		5I 56 !ZC55G5G6				5G6	

QRSĀTS8ĀĀ:68&ĀIZC55G"ĀĀ!08_G66H6`G6#SRPV#!JNQP#Ā&9B9

PROJECT: **ARCO 465**
LOCATION: **151 Southgate Avenue**
PROJECT NUMBER: **211611098**

WELL / PROBEHOLE / BOREHOLE NO: **SB-12** PAGE 1 OF 5

Stantec

DRILLING: STARTED **3/18/13** COMPLETED: **3/25/13**
INSTALLATION: STARTED **3/18/13** COMPLETED: **3/25/13**
DRILLING COMPANY: **National EWP**
DRILLING EQUIPMENT: **CME-85**
DRILLING METHOD: **Hollow Stem Auger**
SAMPLING EQUIPMENT: **Split Spoon**

NORTHING (ft):
EASTING (ft):
LATITUDE:
LONGITUDE:
GROUND ELEV (ft):
TOC ELEV (ft):
INITIAL DTW (ft): **NM**
BOREHOLE DEPTH (ft): **102.0**
STATIC DTW (ft): **NM**
WELL DEPTH (ft): **---**
WELL CASING DIAMETER (in): **---**
BOREHOLE DIAMETER (in): **8**
LOGGED BY: **TW**
CHECKED BY: **CS**

Time & Depth (feet)	Graphic Log	USCS	Description	Sample	Time Sample ID Method	Measured Recov. (feet)	Blow Count (per foot)	Headspace PID (units)	Depth (feet)	Borehole Backfill
			Top 4-inches sphaltic concrete							Concrete Cap
			In accordance with approved work plan, no samples collected to 45' bgs.							
5									5	
10			In accordance with approved work plan, no samples collected to 45' bgs.						10	Neat cement grout
15									15	
20									20	

GEO FORM 304 465 SB-12 AND SB-13.GPJ SCR_20050620(TOEDITS).GDT 4/5/13

PROJECT: **ARCO 465**
LOCATION: **151 Southgate Avenue**
PROJECT NUMBER: **211611098**

WELL / PROBEHOLE / BOREHOLE NO: **SB-12** PAGE 2 OF 5

Stantec

DRILLING: STARTED **3/18/13** COMPLETED: **3/25/13**
INSTALLATION: STARTED **3/18/13** COMPLETED: **3/25/13**
DRILLING COMPANY: **National EWP**
DRILLING EQUIPMENT: **CME-85**
DRILLING METHOD: **Hollow Stem Auger**
SAMPLING EQUIPMENT: **Split Spoon**

NORTHING (ft): EASTING (ft):
LATITUDE: LONGITUDE:
GROUND ELEV (ft): TOC ELEV (ft):
INITIAL DTW (ft): **NM** BOREHOLE DEPTH (ft): **102.0**
STATIC DTW (ft): **NM** WELL DEPTH (ft): **---**
WELL CASING DIAMETER (in): **---** BOREHOLE DIAMETER (in): **8**
LOGGED BY: **TW** CHECKED BY: **CS**

Time & Depth (feet)	Graphic Log	USCS	Description	Sample	Time Sample ID Method	Measured Recov. (feet)	Blow Count (per foot)	Headspace PID (units)	Depth (feet)	Borehole Backfill
30			In accordance with approved work plan, no samples collected to 45' bgs.						30	
35									35	Neat cement grout
40									40	
45		SP	**POORLY GRADED SAND** ; SP; 10YR 5/4 yellowish brown; fine-grained; medium dense; moist; no odor; no staining; (0, 100, 0)		930 SB-12-45	1	32 34 41	6.1	45	

GEO FORM 304 465 SB-12 AND SB-13.GPJ SCR_20050620(TOEDITS).GDT 4/5/13

PROJECT: **ARCO 465**
LOCATION: **151 Southgate Avenue**
PROJECT NUMBER: **211611098**

WELL / PROBEHOLE / BOREHOLE NO: **SB-12** PAGE 3 OF 5

DRILLING: STARTED **3/18/13** COMPLETED: **3/25/13**
INSTALLATION: STARTED **3/18/13** COMPLETED: **3/25/13**
DRILLING COMPANY: **National EWP**
DRILLING EQUIPMENT: **CME-85**
DRILLING METHOD: **Hollow Stem Auger**
SAMPLING EQUIPMENT: **Split Spoon**

NORTHING (ft): EASTING (ft):
LATITUDE: LONGITUDE:
GROUND ELEV (ft): TOC ELEV (ft):
INITIAL DTW (ft): **NM** BOREHOLE DEPTH (ft): **102.0**
STATIC DTW (ft): **NM** WELL DEPTH (ft): **---**
WELL CASING DIAMETER (in): **---** BOREHOLE DIAMETER (in): **8**
LOGGED BY: **TW** CHECKED BY: **CS**

Time & Depth (feet)	Graphic Log	USCS	Description	Sample	Time Sample ID Method	Measured Recov. (feet)	Blow Count (per foot)	Headspace PID (units)	Depth (feet)	Borehole Backfill
		SP	Same as above (SAA)		940 SB-12-50	1.5	32 36 43	0.5		
55			SAA; with nodules of slight cementation		950 SB-12-55	1.5	30 45 47	1.0	55	
60			SAA		1000 SB-12-60	1.5	39 55 56	0.8	60	Neat cement grout
65			SAA		1020 SB-12-65	1.5	41 47 59	0.1	65	
70			SAA		1030 SB-12-70	1	45 50 61	0.0	70	

GEO FORM 304 465 SB-12 AND SB-13.GPJ SCR_20050620(TOEDITS).GDT 4/5/13

PROJECT: **ARCO 465**
LOCATION: **151 Southgate Avenue**
PROJECT NUMBER: **211611098**

WELL / PROBEHOLE / BOREHOLE NO: **SB-12** PAGE 4 OF 5

Stantec

DRILLING: STARTED **3/18/13** COMPLETED: **3/25/13**
INSTALLATION: STARTED **3/18/13** COMPLETED: **3/25/13**
DRILLING COMPANY: **National EWP**
DRILLING EQUIPMENT: **CME-85**
DRILLING METHOD: **Hollow Stem Auger**
SAMPLING EQUIPMENT: **Split Spoon**

NORTHING (ft): EASTING (ft):
LATITUDE: LONGITUDE:
GROUND ELEV (ft): TOC ELEV (ft):
INITIAL DTW (ft): **NM** BOREHOLE DEPTH (ft): **102.0**
STATIC DTW (ft): **NM** WELL DEPTH (ft): **---**
WELL CASING DIAMETER (in): **---** BOREHOLE DIAMETER (in): **8**
LOGGED BY: **TW** CHECKED BY: **CS**

Time & Depth (feet)	Graphic Log	USCS	Description	Sample	Time Sample ID Method	Measured Recov. (feet)	Blow Count (per foot)	Headspace PID (units)	Depth (feet)	Borehole Backfill
		SP	SAA		1050 SB-12-75	1	46 55 64	0.5		
		ML	**SILT WITH FINE SAND** ; ML; 10YR 5/3 brown; non plastic; hard; moist; no odor; no staining; (0, 15, 85) **SANDY SILT** ; 10YR 5/3 brown; medium plasticity; firm; moist; no odor; iron oxide staining; (0, 35, 65) SAA; 10YR 4/4 - 10YR 5/2 dark yellowish brown and grayish brown		1055 SB-12-77	1.5	41 57 66	0.8		
					1105 SB-12-78	1.5	49 62 65	0.2		
80		SM	**SILTY SAND** ; SM; 10YR 4/4 dark yellowish brown; dense; moist; nodules of slight cementation; (0, 80, 20)		1115 SB-12-80	1.5	46 67 71	0.6	80	
					1130 SB-12-81	1.5	46 58 73	0.4		
					1140 SB-12-83	1	43 59 79	0.1		
85		SP	**POORLY GRADED SAND** ; SP; 10YR 4/4 dark yellowish brown; fine-grained; medium dense; moist; no odor; no staining; nodules of slight cementation; (0, 100, 0) SAA; trace silt, (0, 95, 5)		1150 SB-12-85	1	47 56 76	0.1	85	
					1300 SB-12-86	1	55 67 80	0.2		
					1330 SB-12-88	1	54 68 84	0.2		Neat cement grout
90			SAA		1340 SB-12-89	1	58 71 85	0.2	90	
					1345 SB-12-91	1	61 84 87	0.1		
					1355 SB-12-92	1	62 84 87	0.1		
					1410 SB-12-94	0.5	67 78 89	0.2		
95			SAA		1415 SB-12-95	0.75	63 75 91	0.1	95	
						0.25	71 78 93	0.1		
					1425 SB-12-98	1	61 89 96	0.0		
			SAA			0.25	74 105	0.0		

GEO FORM 304 465 SB-12 AND SB-13.GPJ SCR_20050620(TOEDITS).GDT 4/5/13

PROJECT: **ARCO 465**
LOCATION: **151 Southgate Avenue**
PROJECT NUMBER: **211611098**

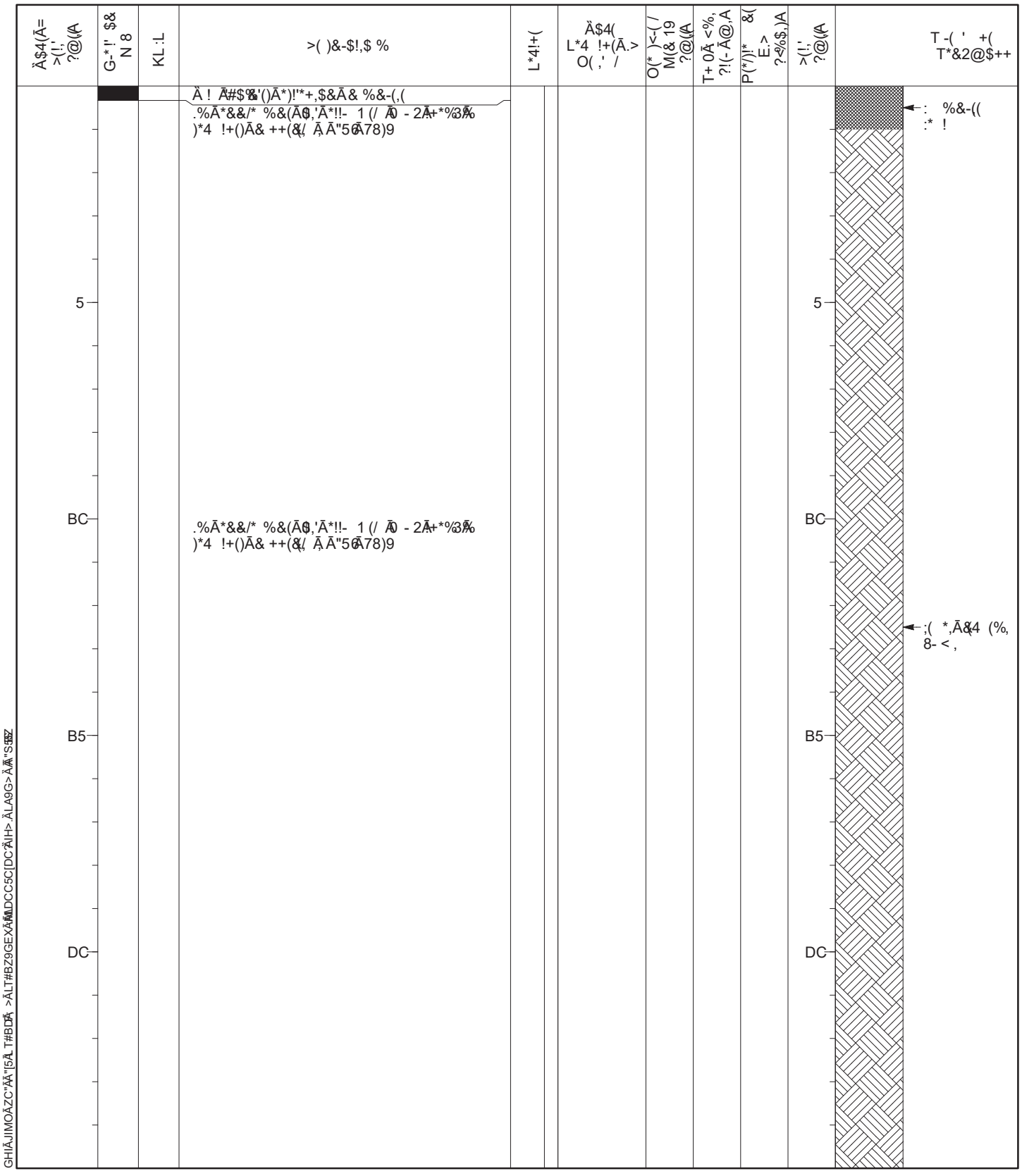
WELL / PROBEHOLE / BOREHOLE NO: **SB-12** PAGE 5 OF 5

DRILLING: STARTED **3/18/13** COMPLETED: **3/25/13**
INSTALLATION: STARTED **3/18/13** COMPLETED: **3/25/13**
DRILLING COMPANY: **National EWP**
DRILLING EQUIPMENT: **CME-85**
DRILLING METHOD: **Hollow Stem Auger**
SAMPLING EQUIPMENT: **Split Spoon**

NORTHING (ft):
EASTING (ft):
LATITUDE:
LONGITUDE:
GROUND ELEV (ft):
TOC ELEV (ft):
INITIAL DTW (ft): **NM**
BOREHOLE DEPTH (ft): **102.0**
STATIC DTW (ft): **NM**
WELL DEPTH (ft): **---**
WELL CASING DIAMETER (in): **---**
BOREHOLE DIAMETER (in): **8**
LOGGED BY: **TW**
CHECKED BY: **CS**

Time & Depth (feet)	Graphic Log	USCS	Description	Sample	Time Sample ID Method	Measured Recov. (feet)	Blow Count (per foot)	Headspace PID (units)	Depth (feet)	Borehole Backfill
			Hyrdopunch from 100' to 102' bgs							Neat cement grout
			Borehole terminated at 102 feet bgs.							
105									105	
110									110	
115									115	
120									120	

GEO FORM 304 465 SB-12 AND SB-13.GPJ SCR_20050620(TOEDITS).GDT 4/5/13


5
BC
B5
DC
5
BC
B5
DC

EMIXH:ÀQ +@6A ÃB=9
NI: FÀ.I;Q "9"ÃÀ%,(E-0( ) Ã+F) 2,)
EMIXH:ÀÃ;K OTHMG#""="">?8

R HNNÃSMETHPINHÃSTÃMHP INHÃ;I Q

À ! "; EFGHÃDÃÃ5

>M.NN.;GQ LÀFMÀH> ;<"8<"; :I OENHÀH>Q;<#M*;
.;LÀFNNFÀ.I;Q LÀFMÀH> ;<"8<"; :I OENHÀH>Q;<#M*;
>M.NN.;GÃ:IO EF;UQ /0(1%20&4 5
>M.NN.;GÃHVK.EOH;ÀG673 !89
>M.NN.;GÃOHÀP> G$ %&&&Ã(* Ã+ -) .
LFOEN.; GÃHVK.EOH;ÀQ À:&1(Ã:%%2

;I MÀP.;GÃ?@,AQ
NFÀ.ÄK>HQ
GMIK ;> ÃHNHÃ?@,
.;.Ä.F NÃ>ÀRÃ?@,7
LÄFÄ.:Ã>ÄR Ã?@,7
R HNNÃ:FL.;GÃ>.FO HÄHMÃ?$%!A
NIG GH>ÃTUG4

HFLÀ.;GÃ?@,AQ
NI; G.ÄK>HQ
ÀI: ÃHNHÃ?@,
TIMHP INHÃ>HEÄPÃ?@,"><#D
R HNNÃ>HEÄPÃ?@,!AQ
TIMHP INHÃ>.FO HÄHMÃ?$%8&A
:P H:WH>ÃTUG6À

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"C									"C	
"5		LE	5AA@GHÃ @+J3 JÄÃ+/J ÃÃLEÃBCJMÃ5S" ^(++ Ã$)'Ã7- 0 %]Ã$@(#-*$%/]Ã+)(]Ã4 $),] % Ã / -]Ã% Ã)$%$Ã]Ã?C3ÃBCÃ		BCBC LT#BZ#5	B95	B_ DD D5	B9D	"5	

GHIÃJIMOÃZC"ÃÃ"[5Ã T#BDÃ >ÃLT#BZ9GEXÃMDCC5C[DCÃIH>ÃLA9G>ÃÃ"S

EMIXH:ÀQ **+@6A ÃB=9**
NI: FÀ.I;Q **"9"ÃÀ%,(E-0( ) Ã+F) 2,)**
EMIXH:ÀÃ;K OTHMG **#""""=""">?8**

R HNNÃSMETHPINHÃSTÃMHP INHÃ;I Q

À ! "; EFGHÃZÃÃÃ5

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>M.NN.;GQ	LÀFMÀH> **;<"8<";**	:I OENHÀH>Q **;<#M";**	;I MÀP.;GÃ?@,AQ
.;LÀFNNFÀ.I;Q	LÀFMÀH> **;<"8<";**	:I OENHÀH>Q **;<#M";**	NFÀ.ÀK>HQ
>M.NN.;GÃ:IO EF;UQ **/0(1%20Ã84 5**			GMIK ;> ÃHNHÃ?@,
>M.NN.;GÃHVK.EOH;ÀQ **673 !89**			.;.Ä.F NÃ>ÀRÃ?@,**7**
>M.NN.;GÃOHÀP> **Q$ %&&&ÃÀ() * Ã+ -) .**			LÀFÄ.:Ã>ÀR Ã?@,**7**
LFOEN.; GÃHVK.EOH;ÀQ **À:&1(Ã:%%2**			R HNNÃ:FL.;GÃ>.FO HÀHMÃ?$**!U**
			NIG GH>ÃTUG **C4**

HFL À.;GÃ?@,AQ
NI; G.ÀK>HQ
ÀI: ÃHNHÃ?@,
TIMHP INHÃ>HEÀPÃ?@,**"><#D**
R HNNÃ>HEÀPÃ?@,**!;**AQ
TIMHP INHÃ>.FO HÀHMÃ?$**8**&A
:P H:WH>ÃTUG **6À**

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55			LFF]ÃBCJMÃ"S"Ã/*2Ã(++ 0$)'Ã7- 0 %		BCZC LT#BZ#5	B95	B` ZC ZD	B9D C9Z	55	
		LO	**ÀIGCHÃ+/ J** ÃÃLO]ÃBCUMÃ"S"Ã2Ã^(+0$)' 7- 0 %]Ã%@(#*$%/]Ã4 (/ $<4Ã/(%)(]Ã4 $),] % Ã / -]Ã% Ã}$%$B%Ã?C3ÃaC3ÃZCA		BC'C LT#BZ#a	B95	D` ZB Z"	B9"		
		L:	**6 G+ H3HÃ+/ J** ÃÃL:]ÃBCJMÃ"S"Ã/*2			B95	Da ZZ Z[	B9a		
[C		LO	^(++ 0$)'Ã7- 0 %]Ã%@(#*$%/]Ã(%)(]Ã4 $),] % Ã / -]Ã% Ã}$%$B%Ã?C3Ãa53ÃD5A		BC5C LT#BZ#`	B95	ZC Z5 Za	59D Z9"	[C	
			ÀIGCHÃ+/ J ÃÃLO]ÃBCUMÃ"S"Ã2Ã^(+0$)' 7- 0 %]Ã%@(#*$%/]Ã(%)(]Ã0(,]Ã% Ã / -]Ã%), *$%$B%Ã?C3ÃaC3ÃZCA LFF 3Ã4 (Ã)$+0Ã (/ $<4Ã/(%)(3Ã4 $),3 @-*&,<-/(Ã&(4 (%,(/Ã+*^(-)] Ã?C3Ã`C3ÃDCA			B95	D_ Z[Z_	Z9[		;(*,Ã&(4 (%, 8- < ,
			LFF]Ã% Ã&(4(%,*,$ %]Ã?C3Ã`53ÃB5A		BBCC LT#BZ#C	B95	ZC Za "B	D9_		
[5		LE	**5AA@GHÃ @+J3 JÃÃ+/J** ÃÃLE]ÃBCJMÃ"S" /* -2Ã^(+0$)'Ã7- 0 %]Ã%@(#*$%/]Ã4 (/ $<4 /(%)(]Ã4 $),]Ã% Ã / -]Ã% Ã}$%$B%Ã,*&(Ã)$+,3 ?C3Ã53ÃA		BBDC LT#BZ#B	B95	ZD Z5 "Z	C9_	[5	
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					BB'5 LT#BZ#5					
aC			LFF 3Ã% Ã}$+Ã3% /<+()Ã @+Ã$8',Ã&(4(%,*,$ %] ?C3ÃCC3ÃCA		BZBC LT#BZ#C	B95	Z5 "B "B	Z9"	aC	

GHIÃJIMOÃZC"ÃÃ"[5Ã T#BDÃ >ÃLT#BZ9GEXÃMDCC5C[DCÃIH> ÃLA9G>ÃÃ"S&Z

EMIXH:ÀQ +@6A ÃB=9
NI: FÀ.I;Q "9"ÃÀ%,(E-0( ) Ã+F) 2,)
EMIXH:ÀÃ;K OTHMG#""="">?8

R HNNĀSMETHPINHĀSTĀMHP INHĀ;I Q
À ! ";
EFGHĀ"ĀĀĀ5

>M.NN.;GQ	LÀFMÀH> ;<"8<";	:I OENHÀH>Q;<#M";	;I MÀP.;GĀ?@,AQ HFLÀ.;GĀ?@,AQ
.;LÀFNNFÀ.I;Q	LÀFMÀH> ;<"8<";	:I OENHÀH>Q;<#M";	NFÀ.ÀK>HQ NI; G.ÀK>HQ
>M.NN.;GĀ:IO	EF;UQ /0(1%20&4 5		GMIK ;> ĀHNHĀ?@, ÀI: ĀHNHĀ?@,
>M.NN.;GĀHVK.EOH;ÀQ	673 !89		.;.À.F NĀ>ÀRĀ?@,7 TIMHP INHĀ>HEÀPĀ?@,"><#D>
>M.NN.;GĀOHÀP> Q	$ %&&ĀÀ() * Ā+ -) .		LÀFÀ.:Ā>ÀR Ā?@,7 R HNNĀ>HEÀPĀ?@,!AQ
LFOEN.; GĀHVK.EOH;ÀQ	À:&1(Ā:%%2		R HNNĀ:FL.;GĀ>.FO HÀHMĀ?$%dA TIMHP INHĀ>.FO HÀHMĀ?$%&A
			NIG GH>ĀTUQ4 :P H:WH>ĀTUQ6À

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		LE	LFF		BZD5 LT#BZ#5	B95	Z["5 "`	D9"		
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			LFF		BC"5 LT#BZ#BCC	B95	"D 5B ["]	C9[		

GHIÃJIMOÃZC"ÃÃ"[5Ã T#BDÃ >ÃLT#BZ9GEXÃMDCC5C[DCÃIH> ÃLA9G>ÃÃ"S8Z

EMIXH:ÀQ +@6A ÃB=9
NI: FÀ.I;Q "9"ÃÀ%,(E-0( ) Ã+F) 2,)
EMIXH:ÀÃ;K OTHMG#""="">?8

R HNNÃSMETHPINHÃSTÃMHP INHÃ;I Q

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>M.NN.;GQ	LÀFMÀH> ;<"8<";	:I OENHÀH>Q; <#M";	;I MÀP.;GÃ?@,AQ
.;LÀFNNFÀ.I;Q	LÀFMÀH> ;<"8<";	:I OENHÀH>Q; <#M";	NFÀ.ÄK>HQ
>M.NN.;GÃ:IO	EF;UQ /0(1%20&4 5		GMIK ;> ÃHNHÃ?@,
>M.NN.;GÃHVK.EOH;ÀQ	673 !89		.;.Ä.F NÃ>ÀRÃ?@,7
>M.NN.;GÃOHÀP>	C$ %&&ÃÀ() * Ã+ -) .		LÀFÄ.:Ã>ÄR Ã?@,7
LFOEN.; GÃHVK.EOH;ÀQ	À:&1(Ã:%%2		R HNNÃ:FL.;GÃ>.FO HÀHMÃ?$%!A
			NIG GH>ÃTUC4

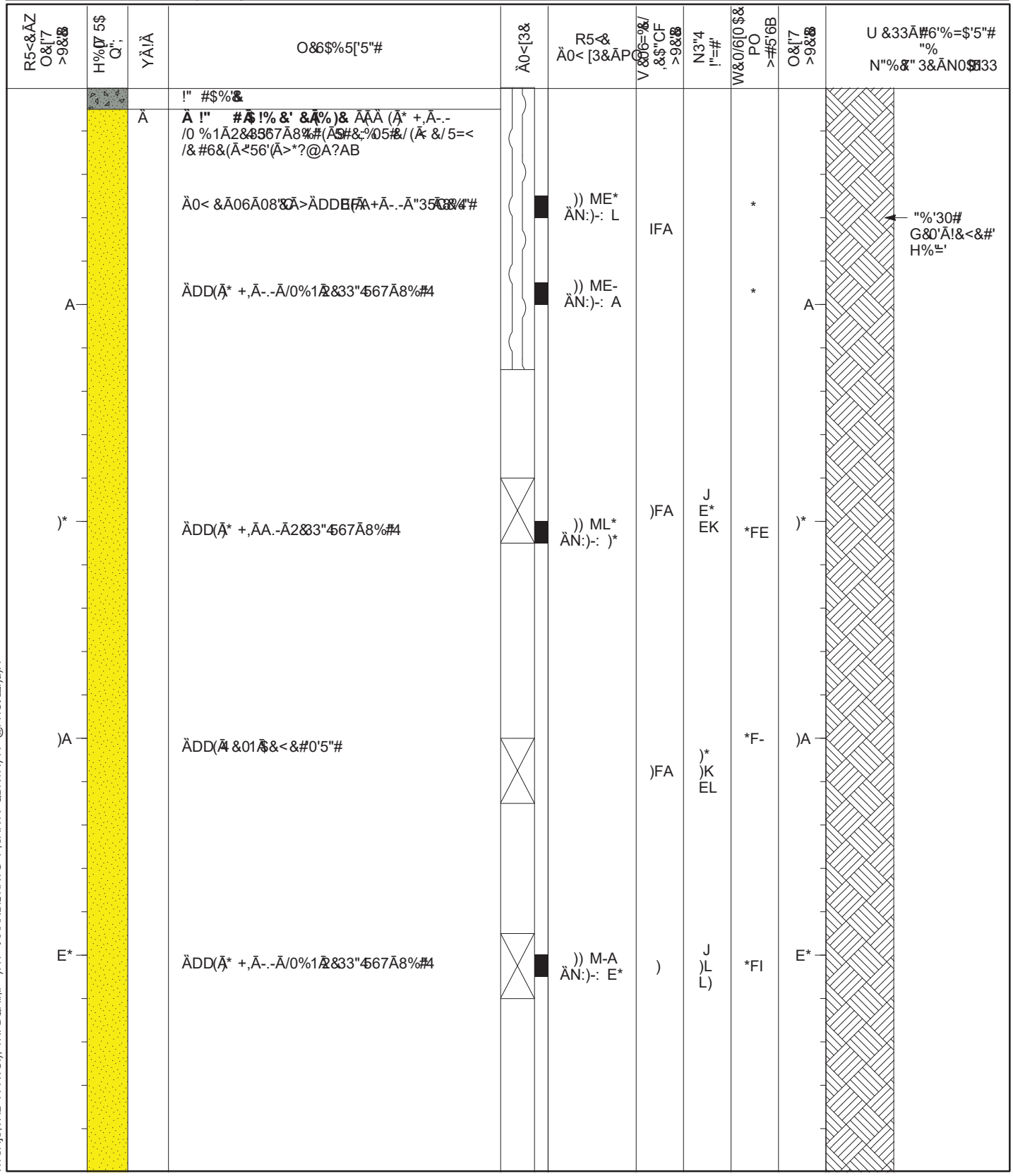
HFL Ä.;GÃ?@,AQ
NI; G.ÄK>HQ
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TIMHP INHÃ>HEÀPÃ?@,"><#D
R HNNÃ>HEÀPÃ?@,!!AQ
TIMHP INHÃ>.FO HÀHMÃ?$%8A
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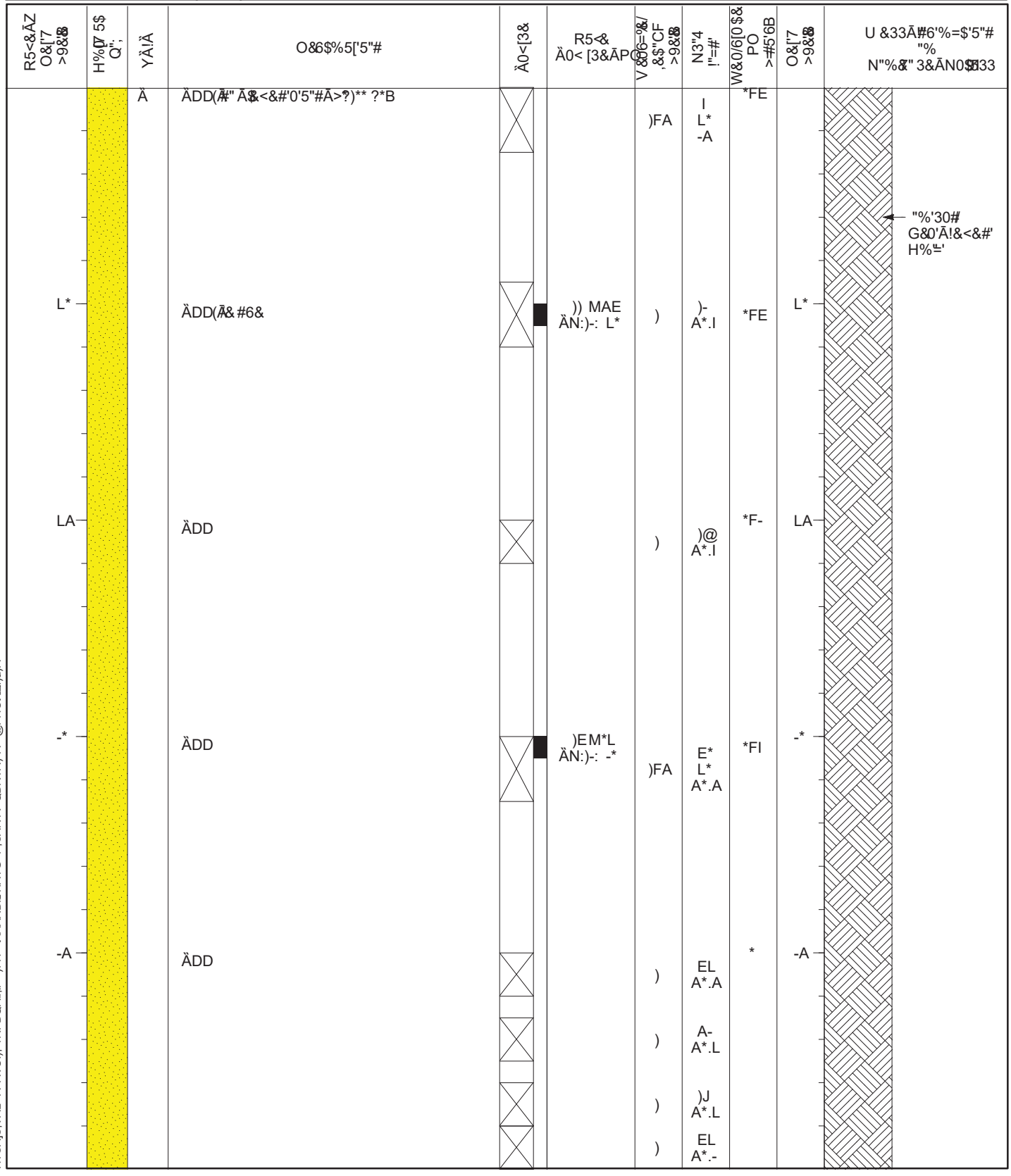
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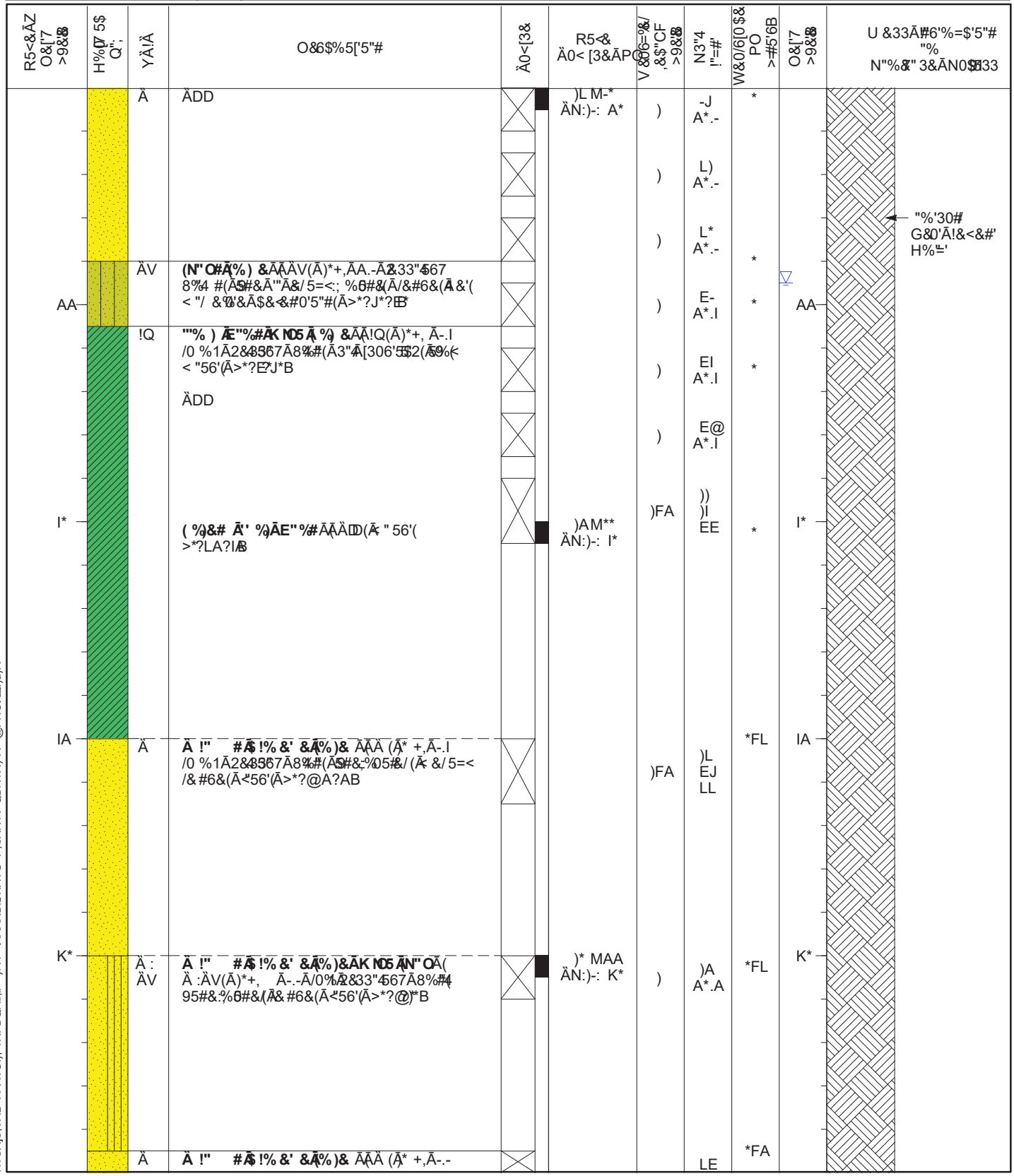
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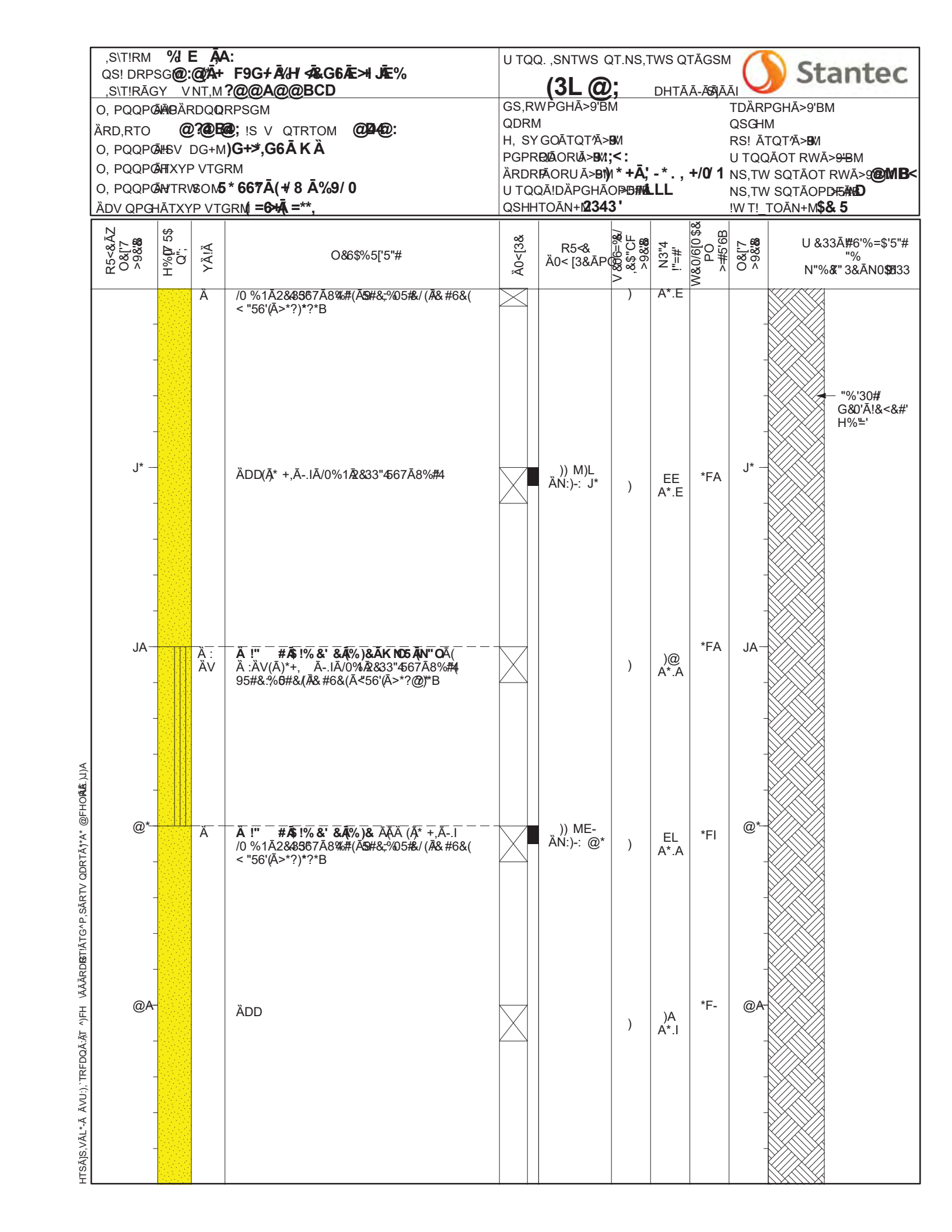
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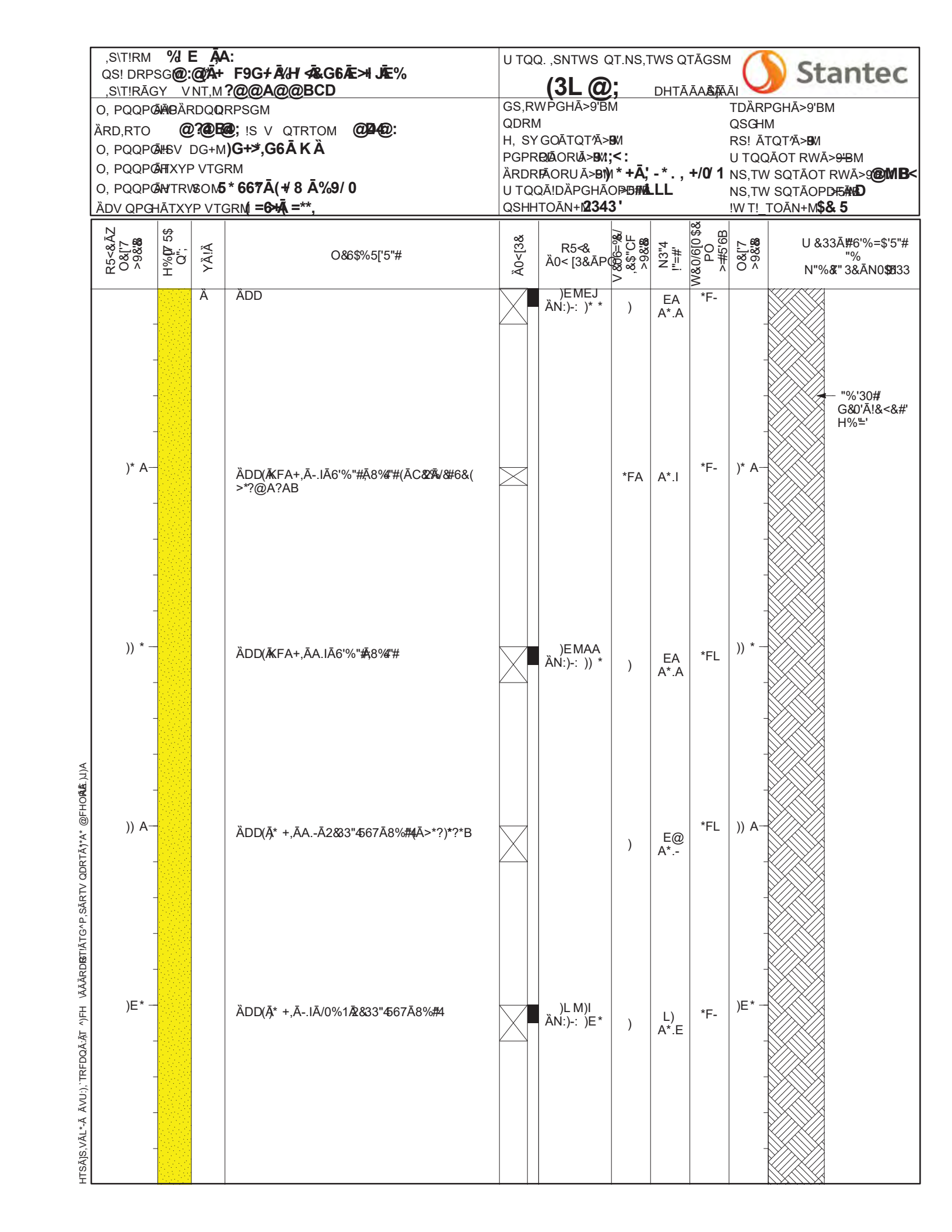
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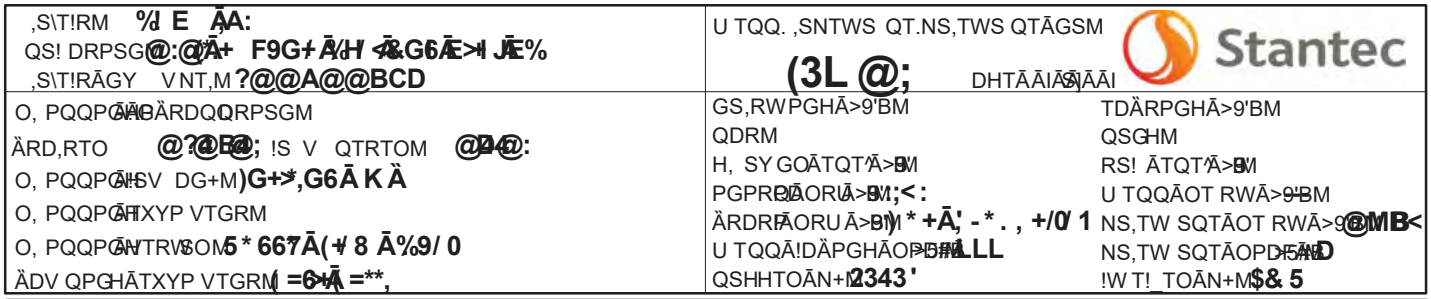

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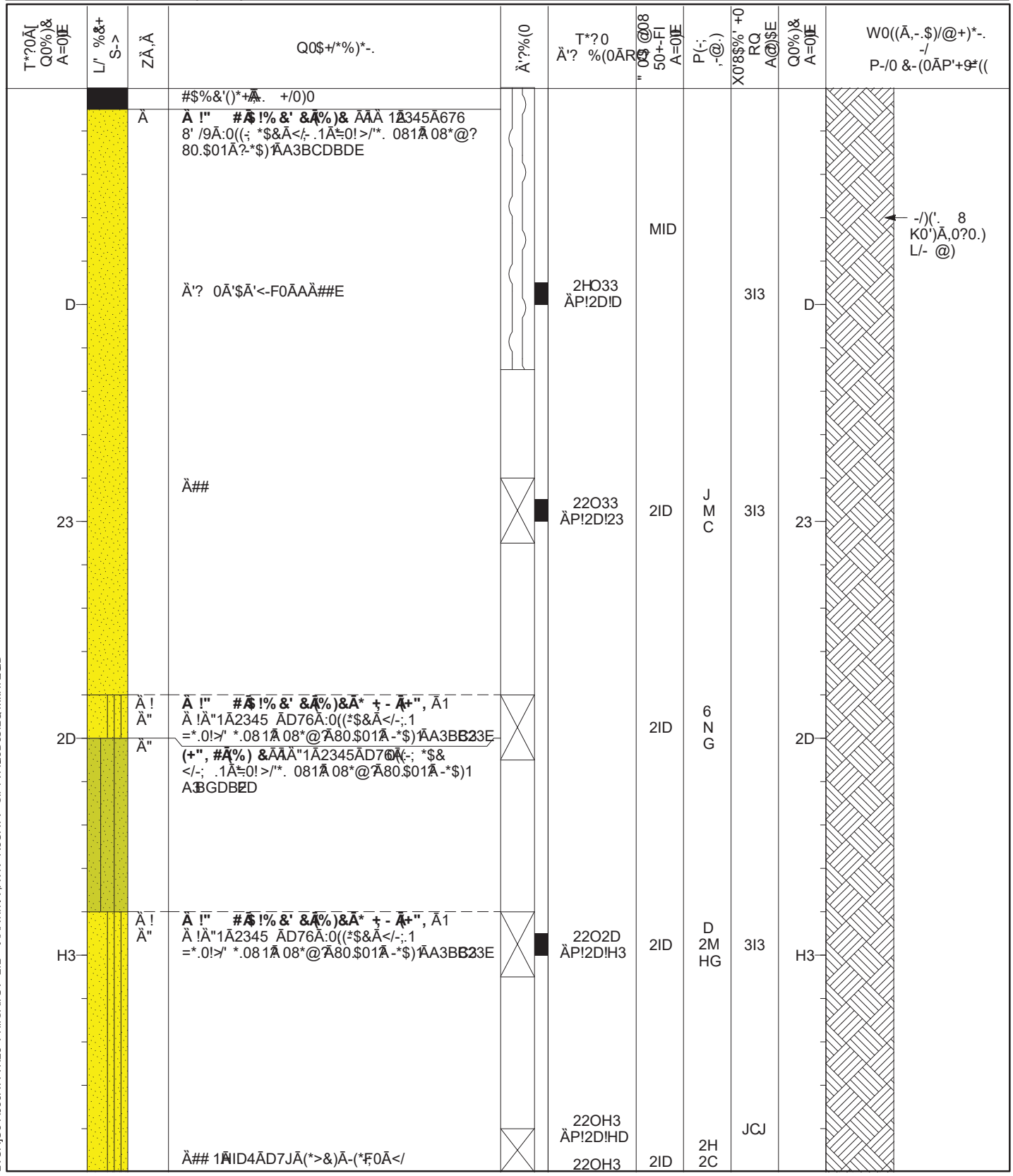

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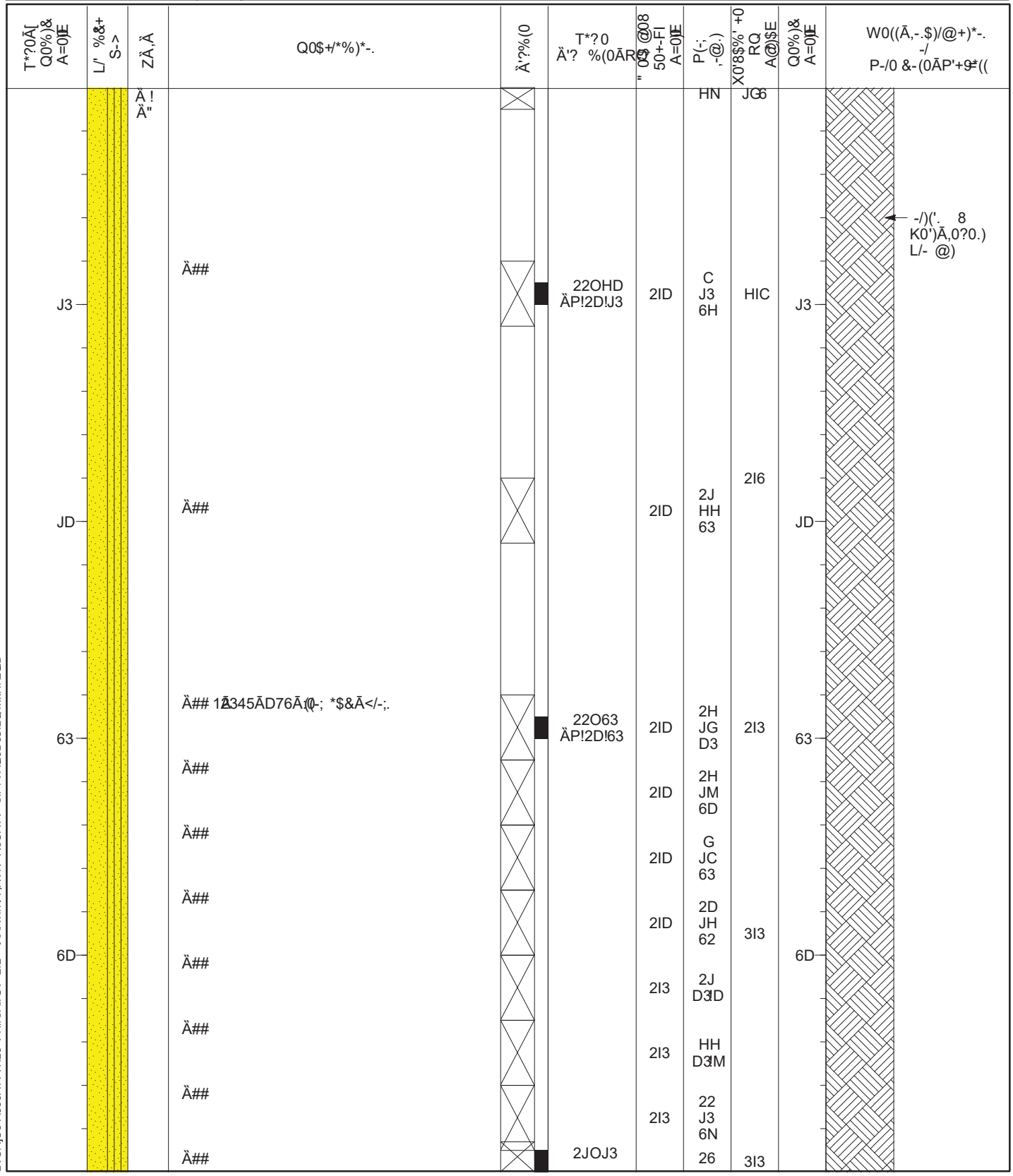


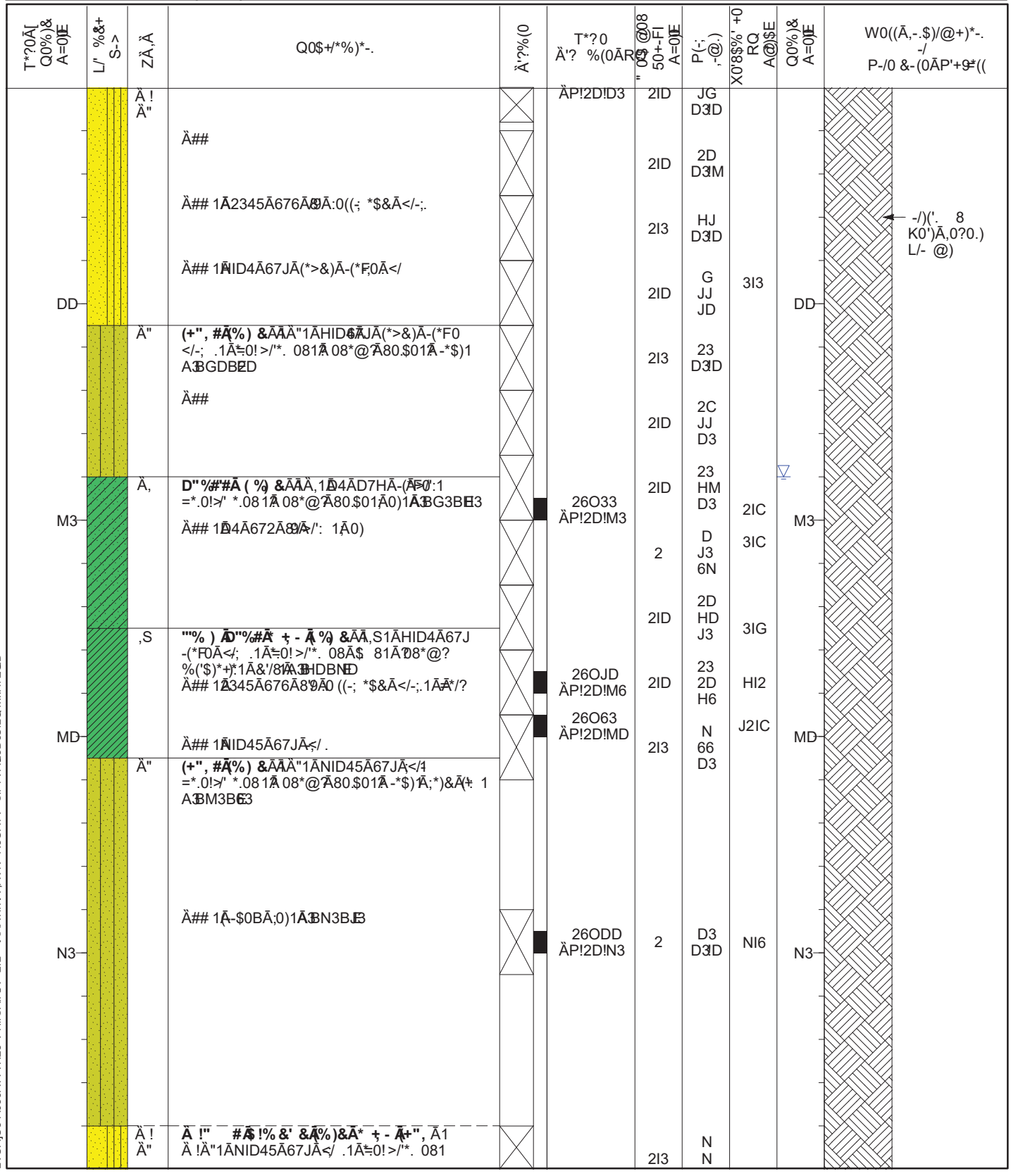
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ÀRD,RTO @?@B@; !S V QTRTOM @4@:	QDRM QSGHM
O, PQQPGĀ SV DG+M)G+,G6Ā K À	H, SY GOĀTQT^Ā>BM RS! ĀTQT^Ā>BM
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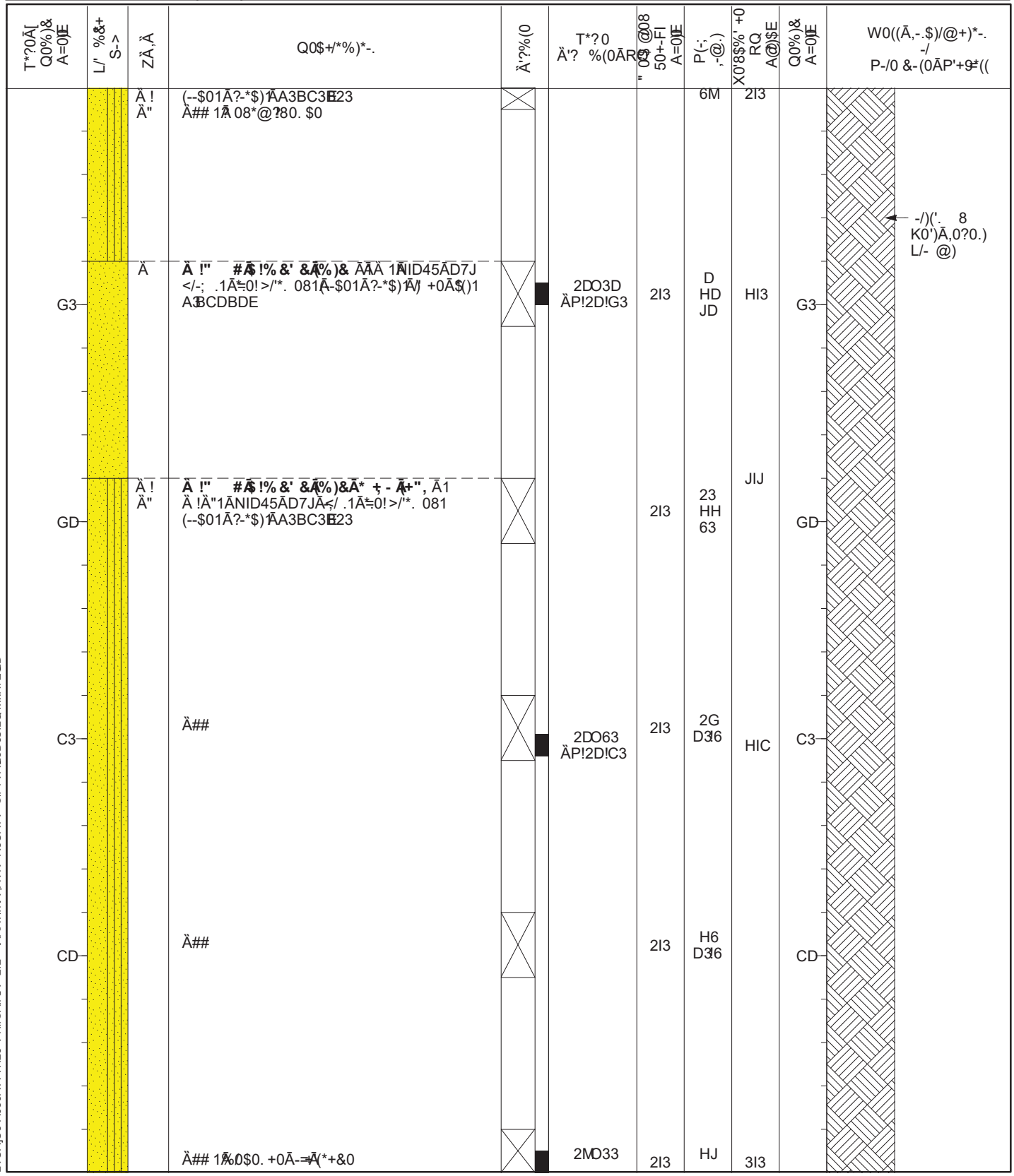
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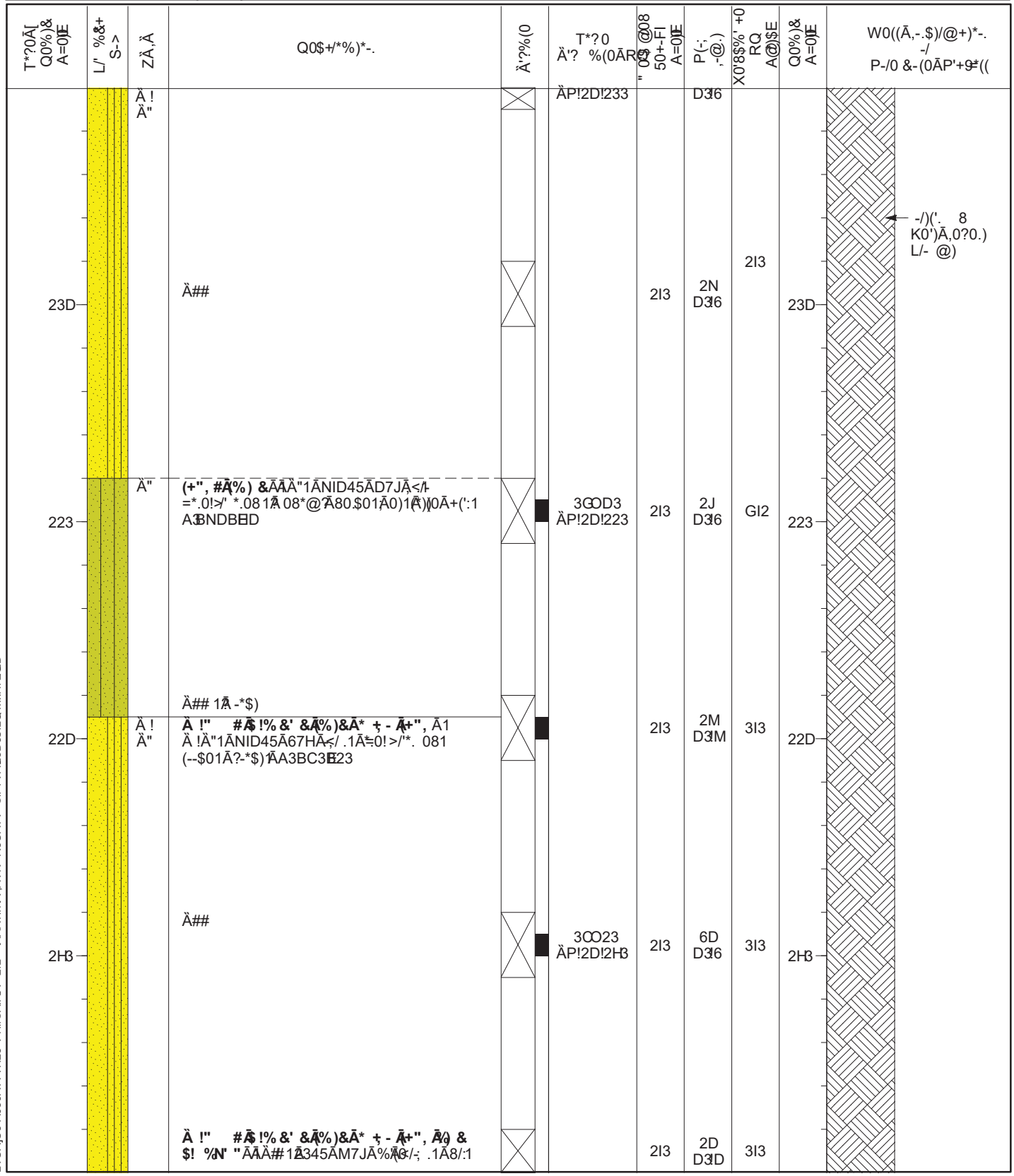
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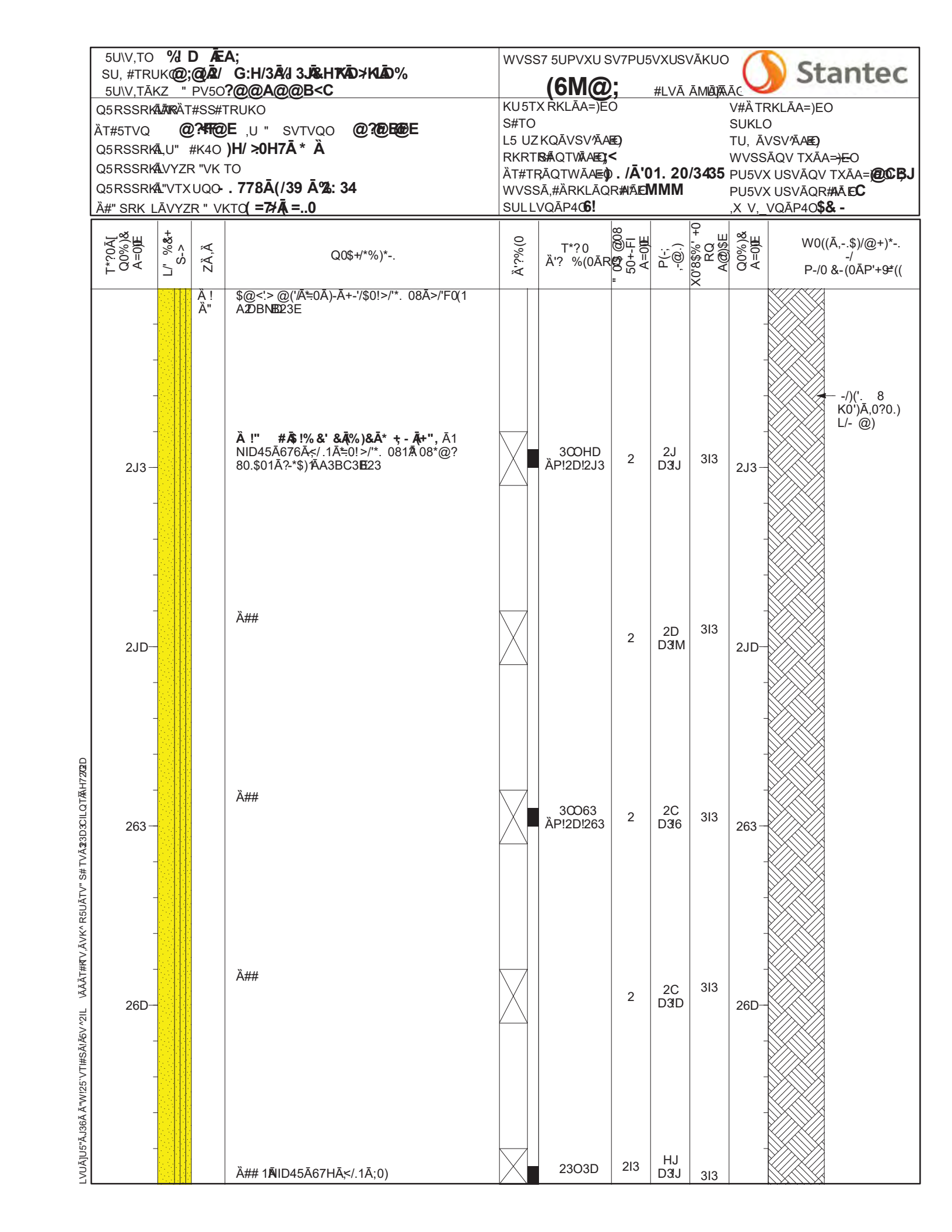

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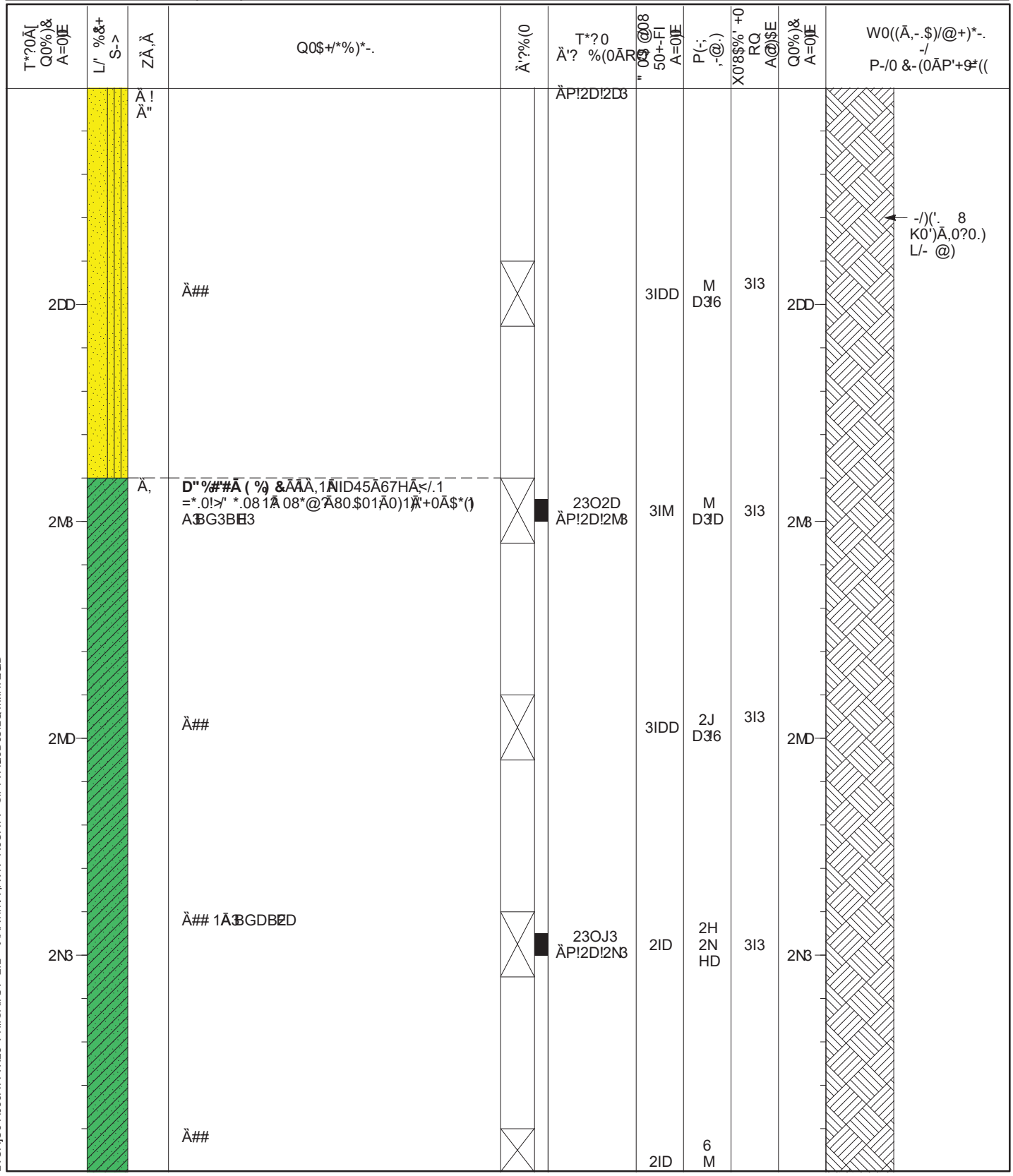

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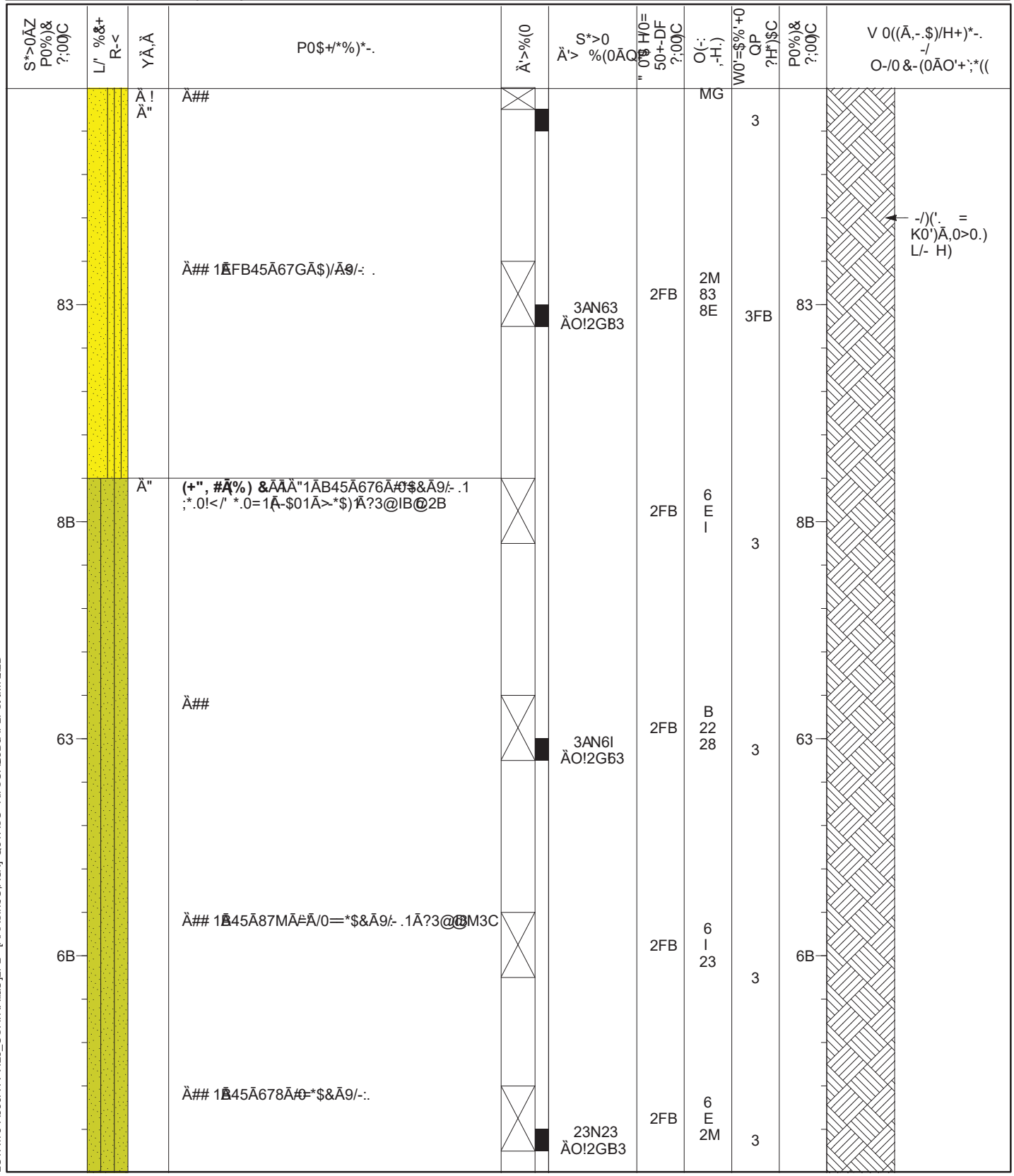
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P5 QRRQKĀ"USWTP N- . 778Ā(/39 Ā%: 34
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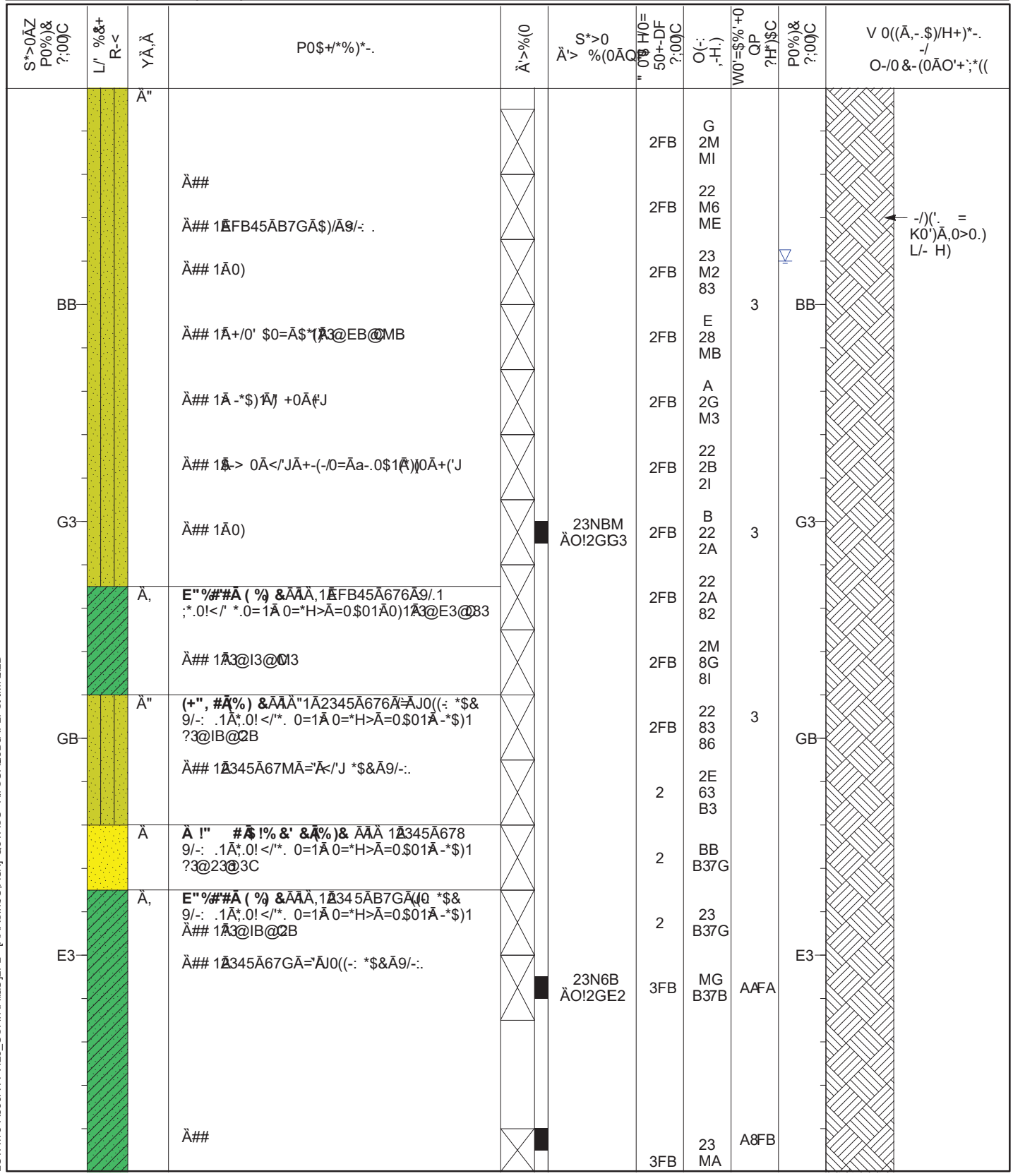
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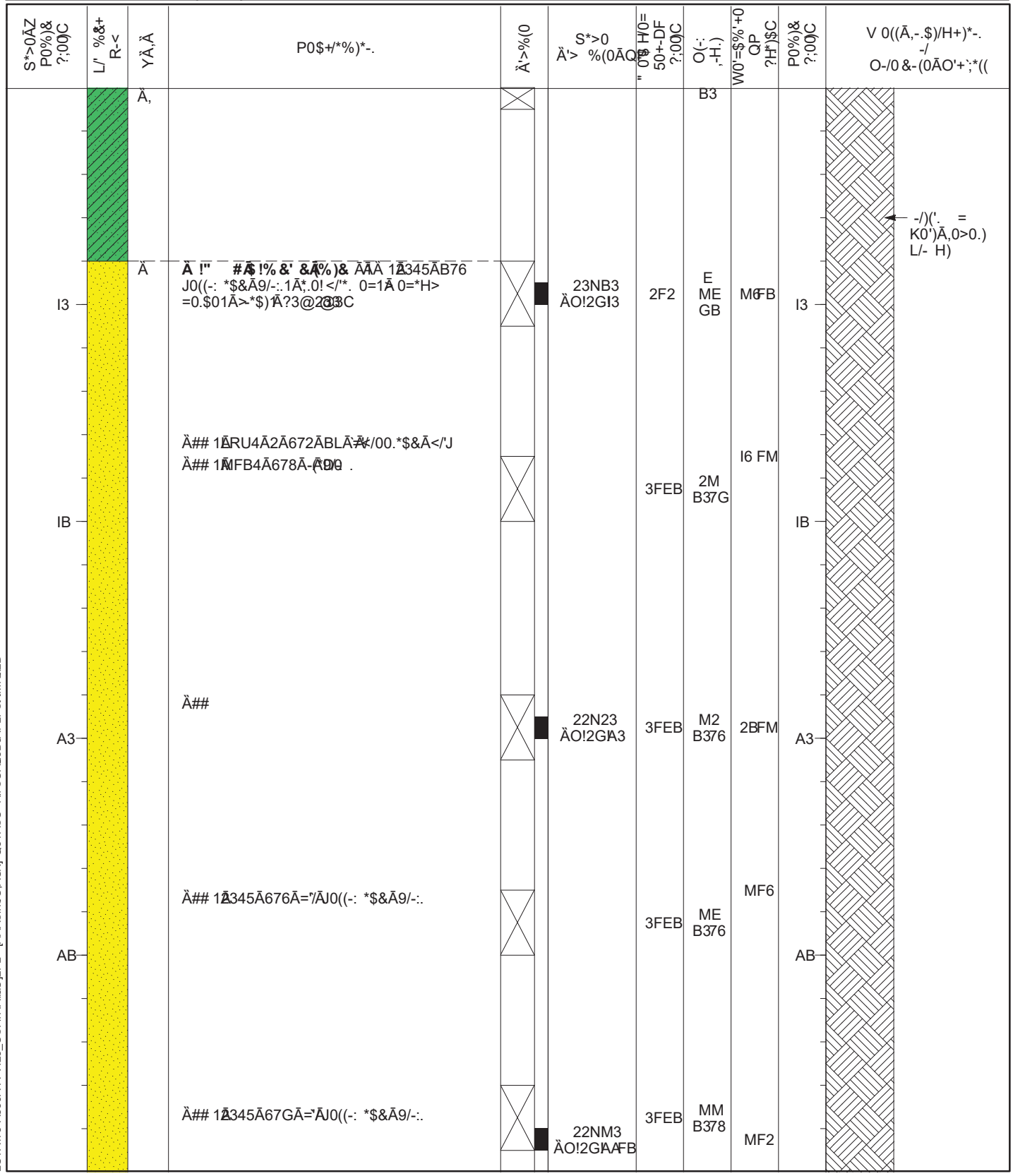
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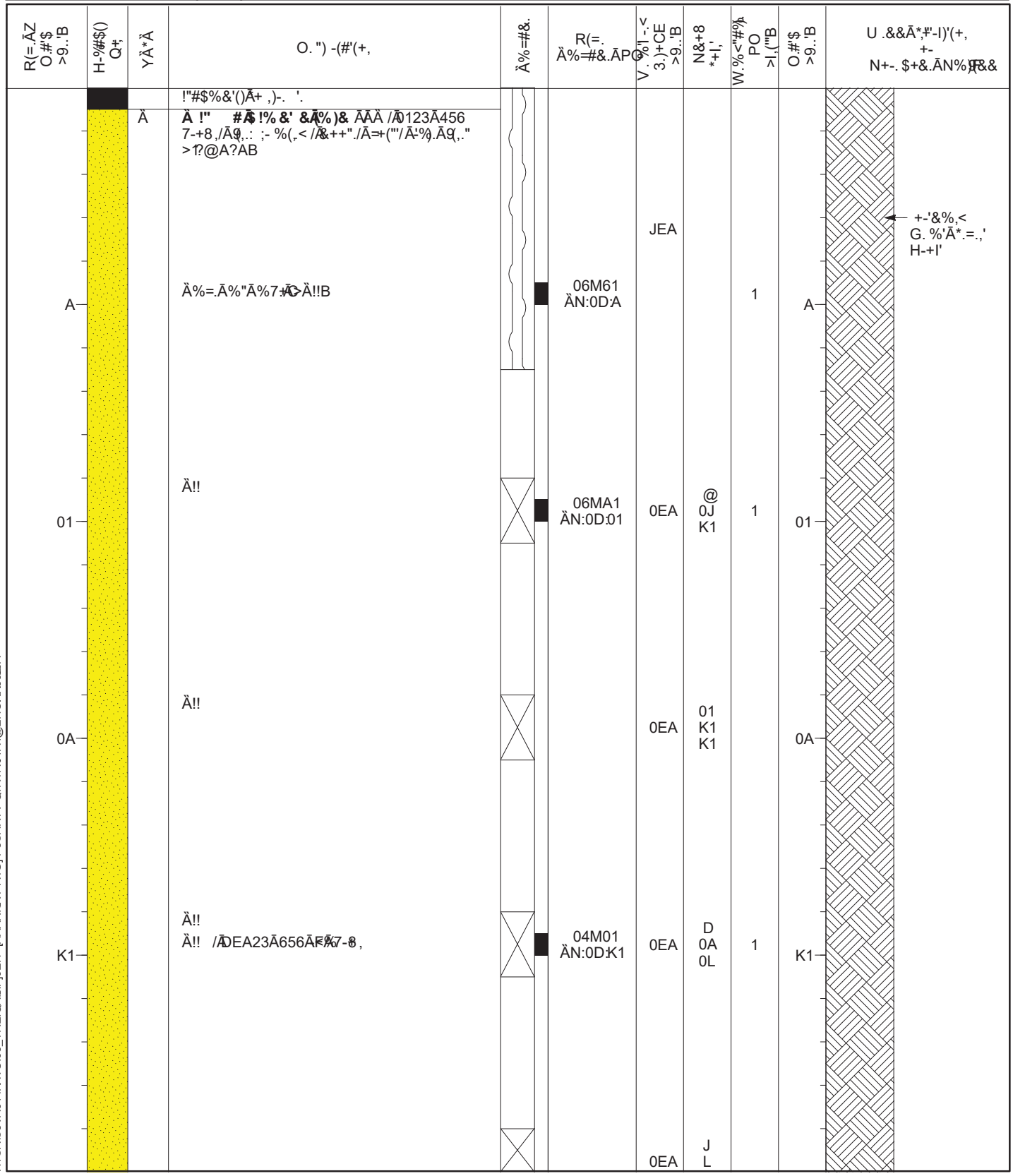
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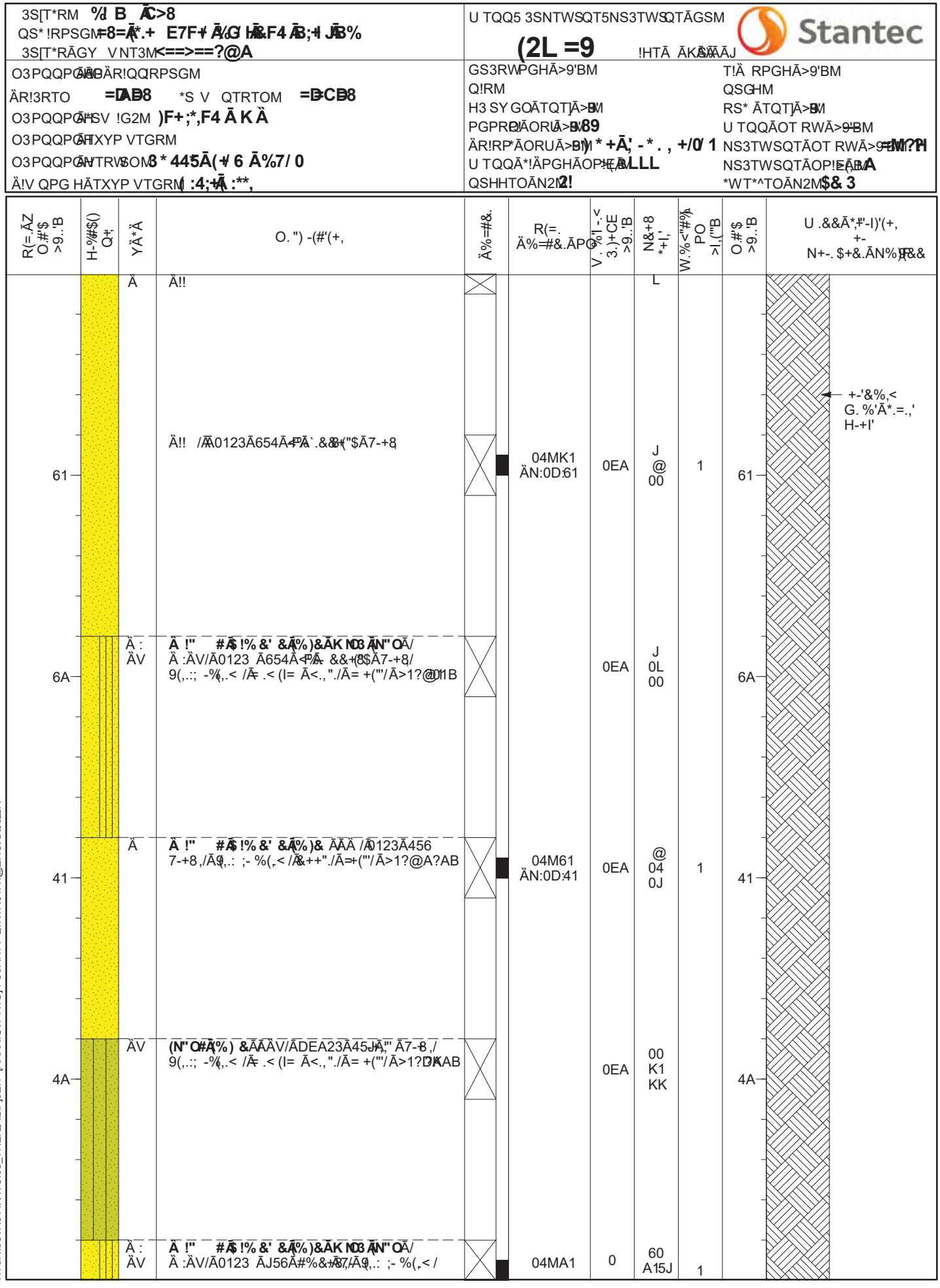
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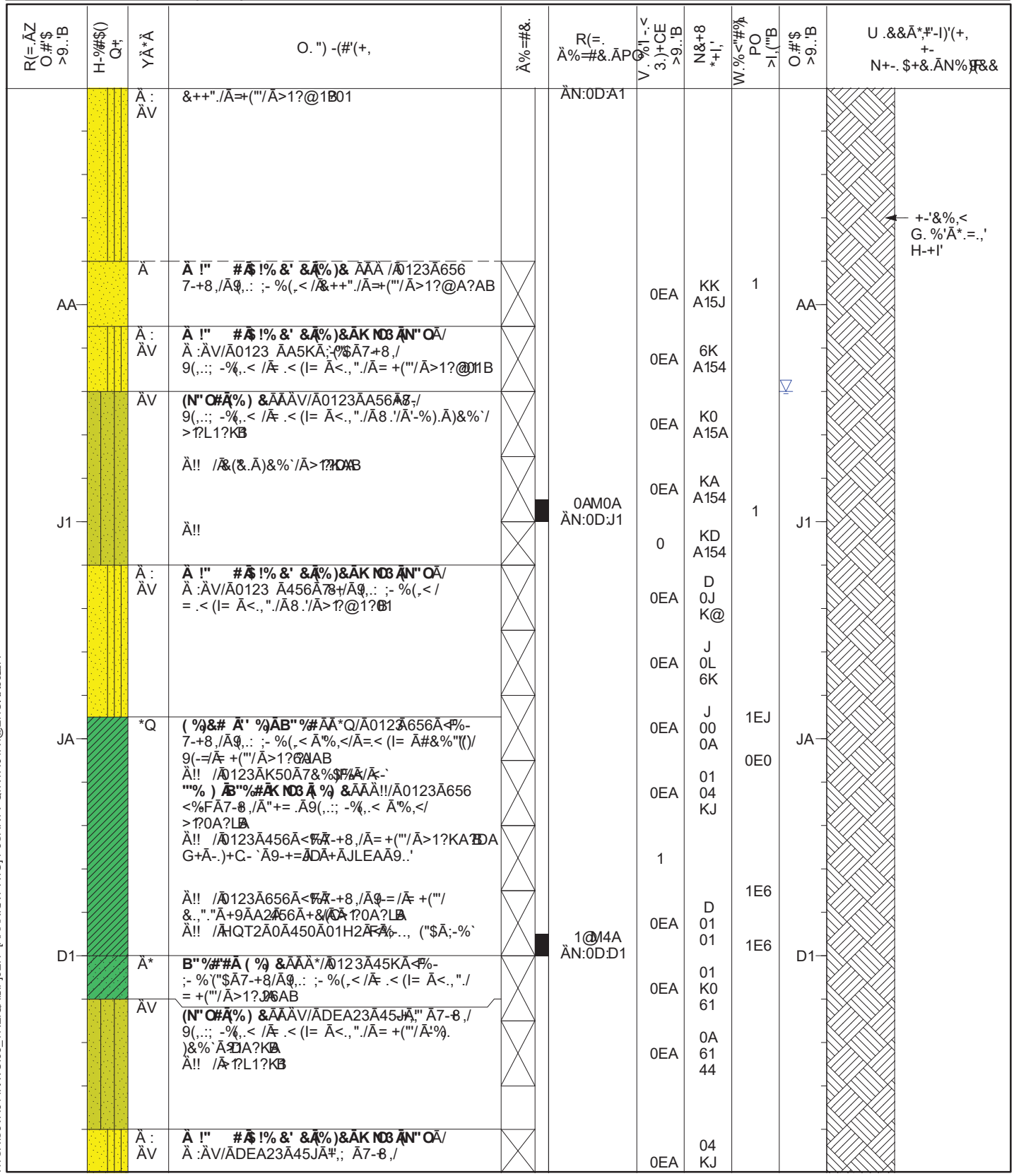
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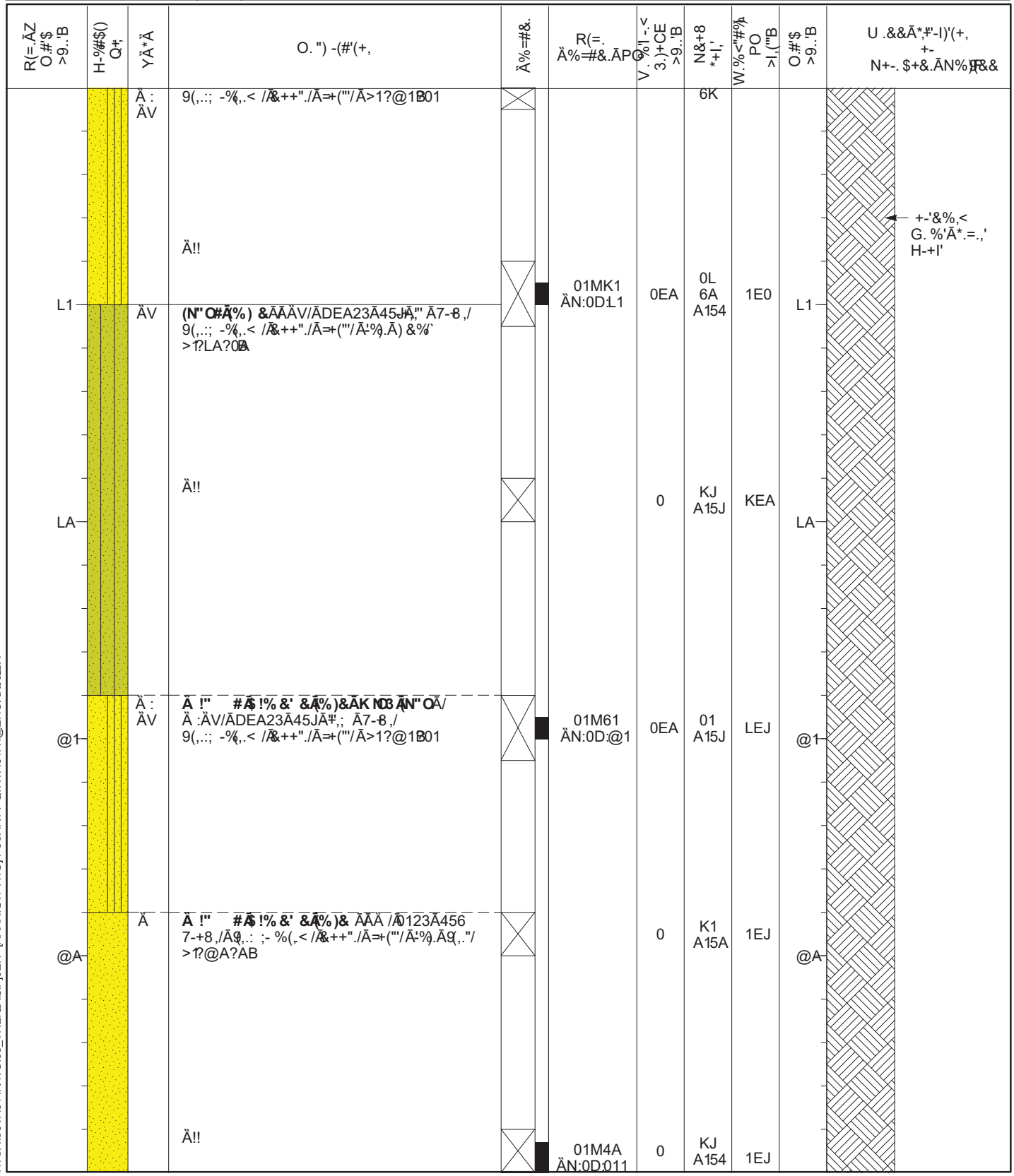
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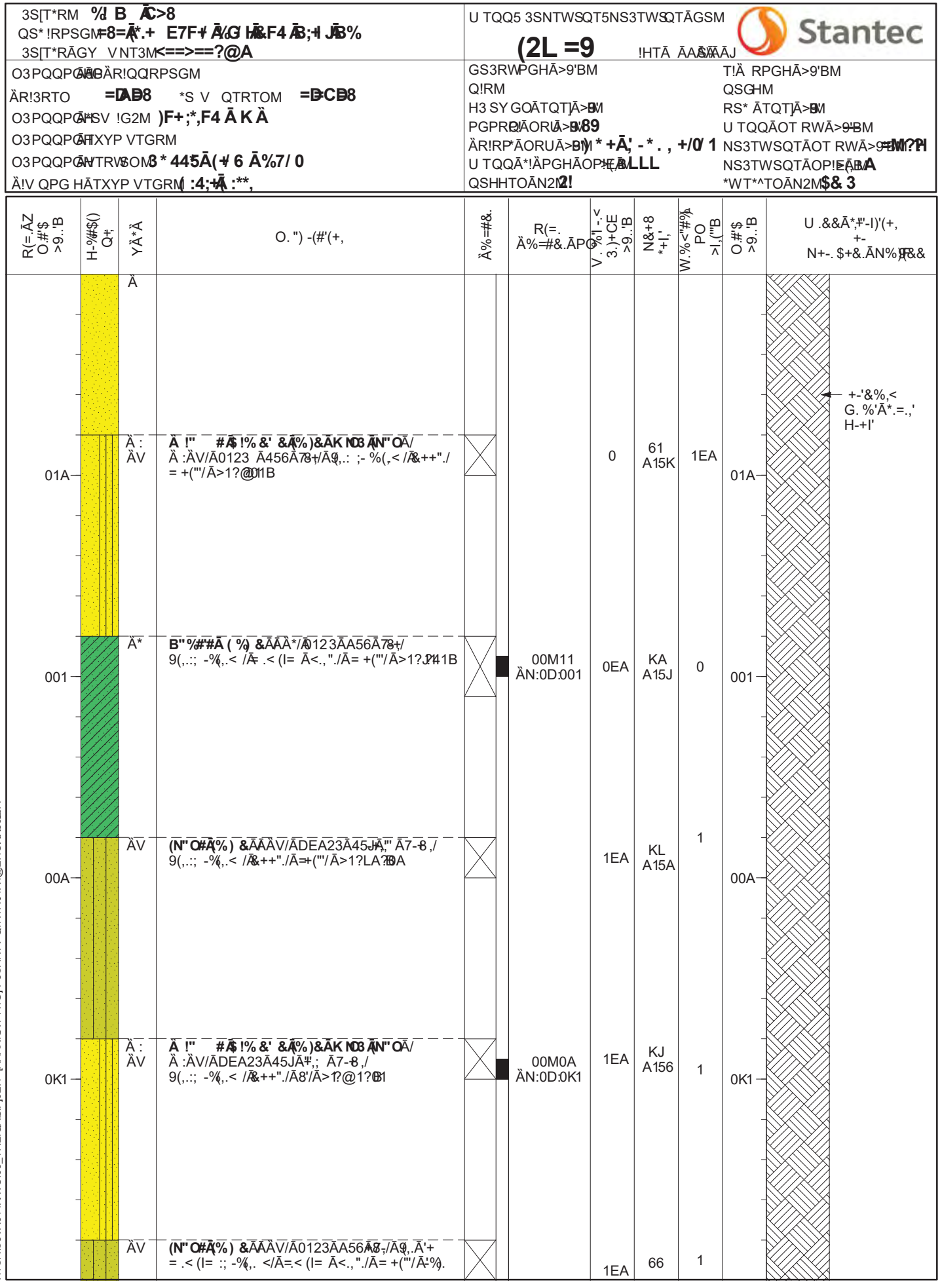
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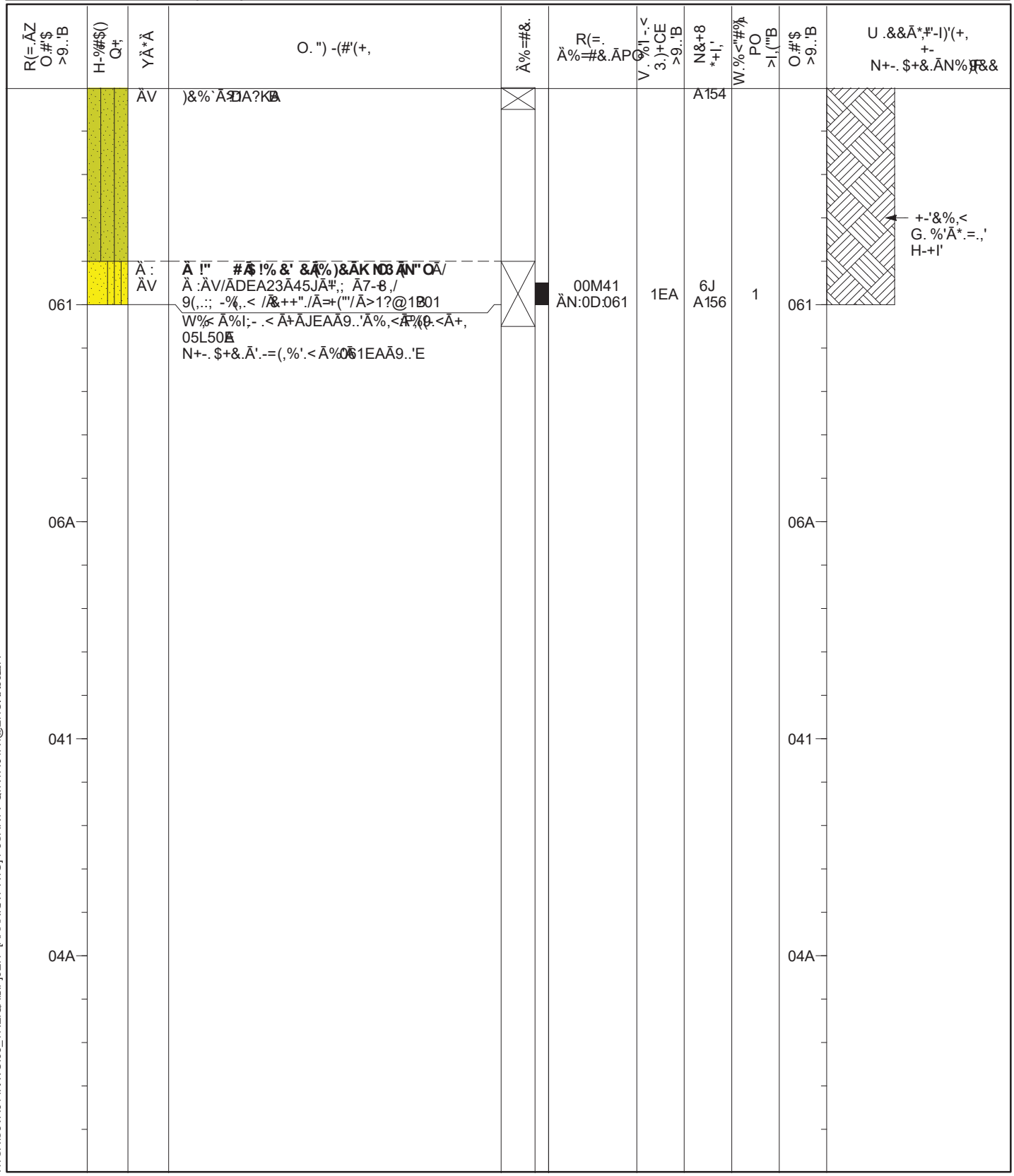

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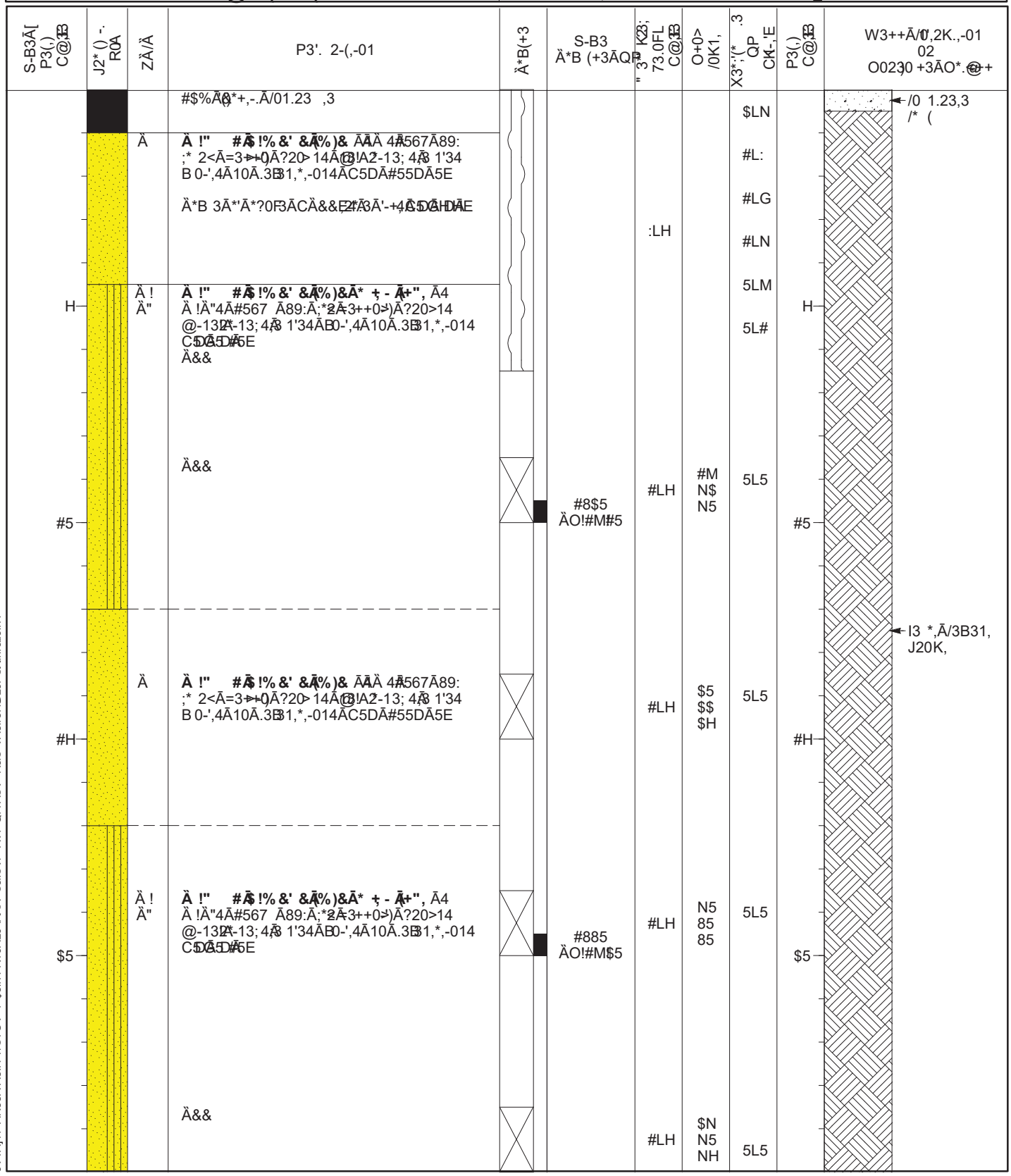

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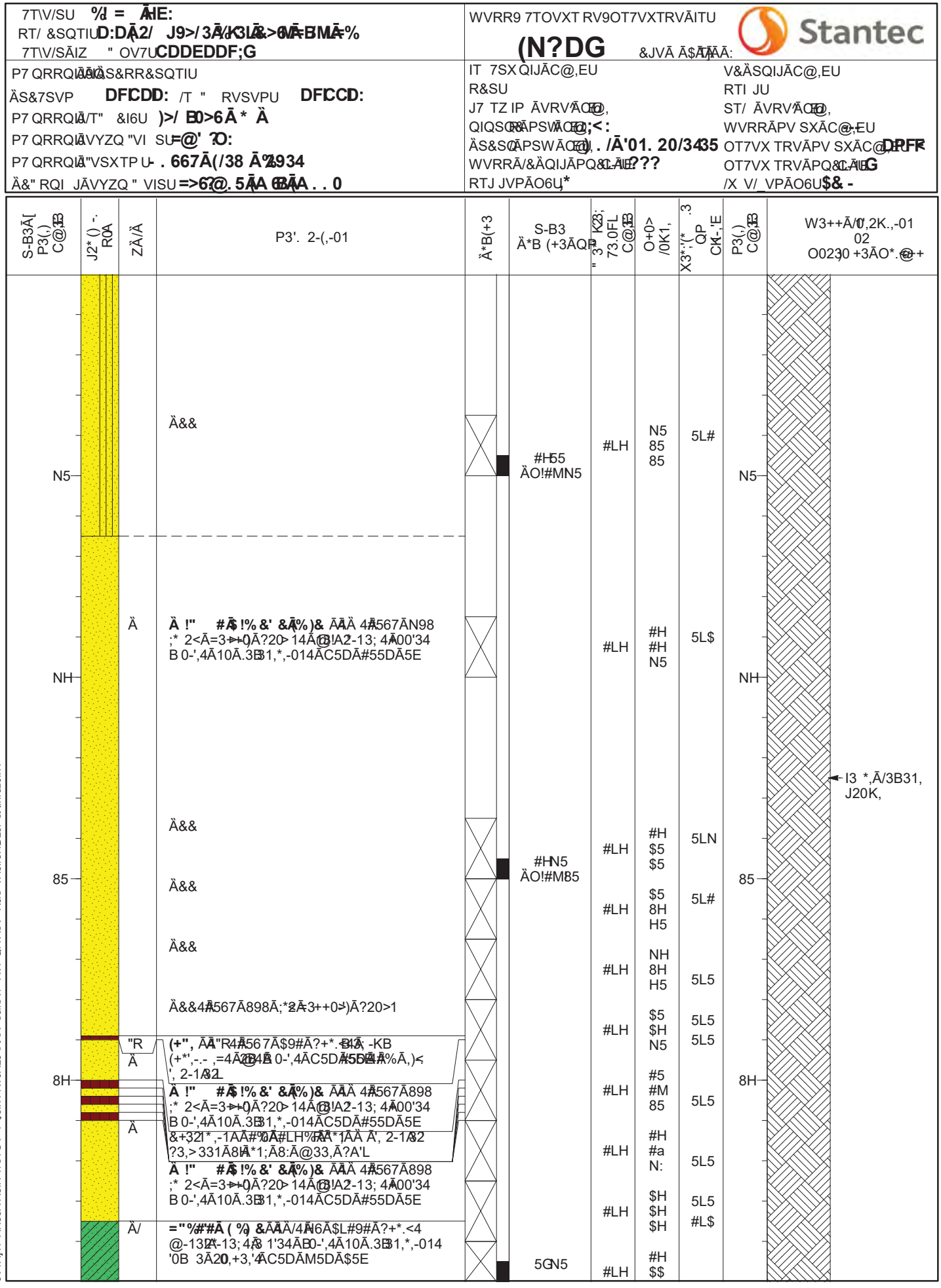

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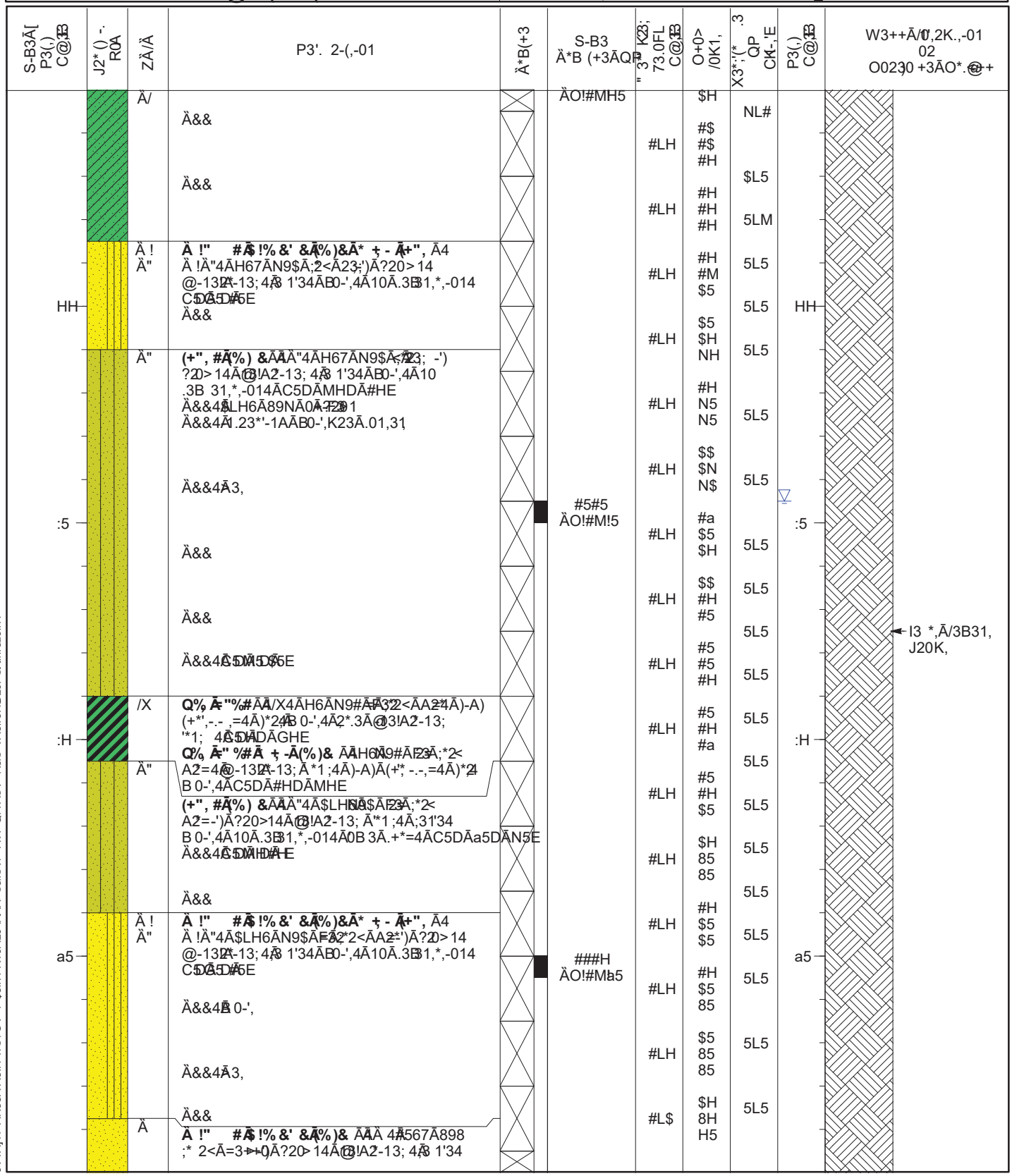

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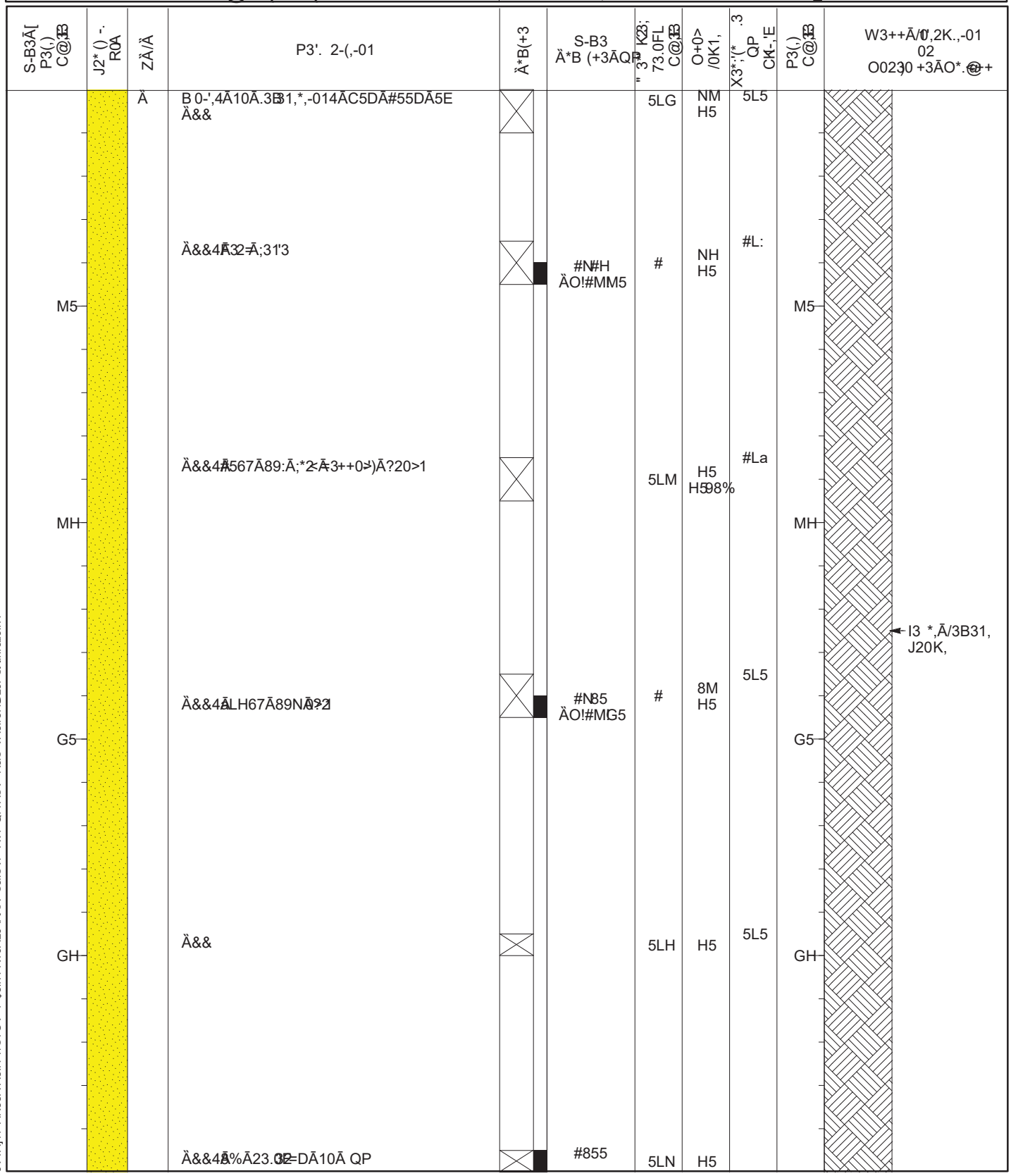

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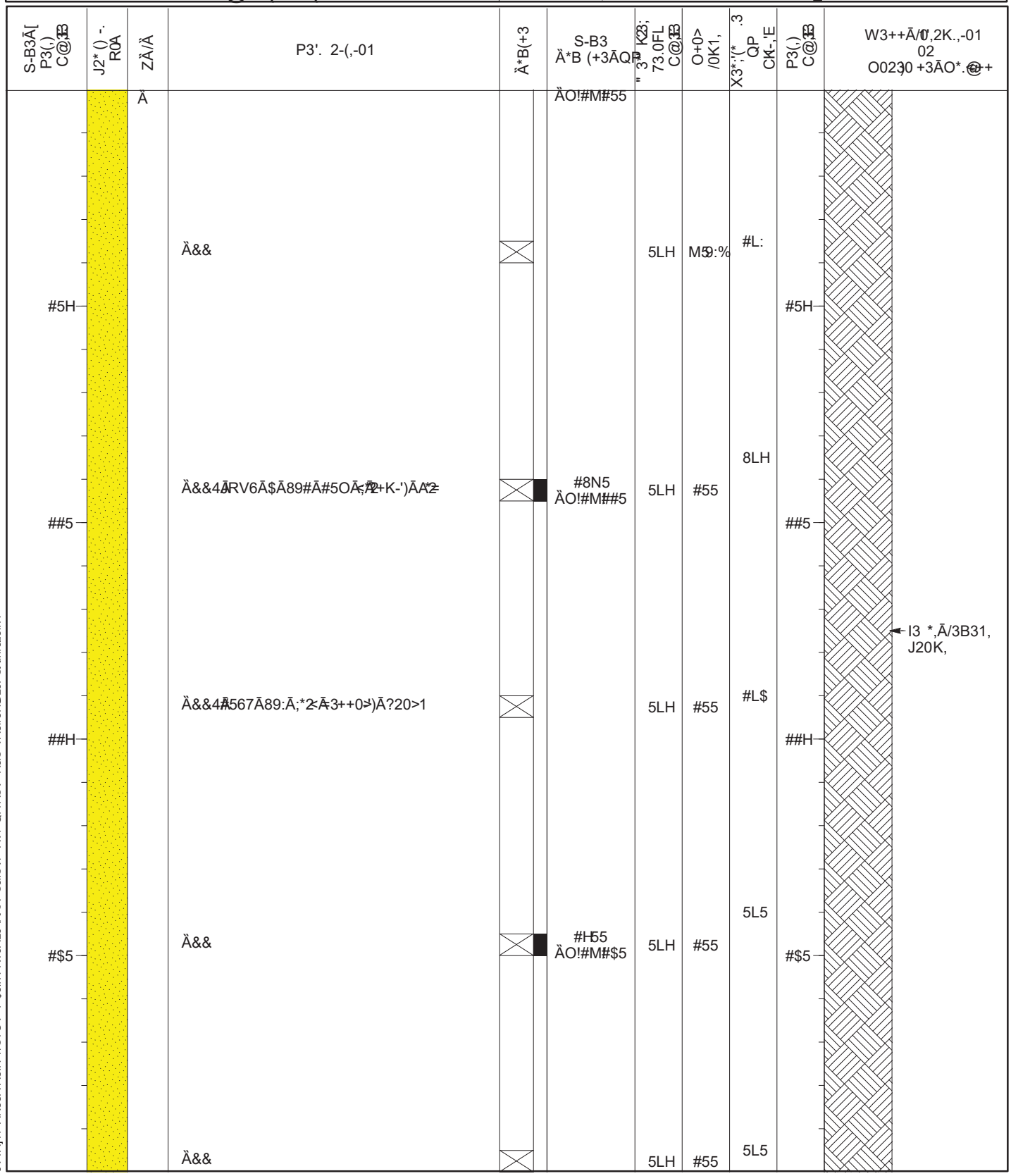

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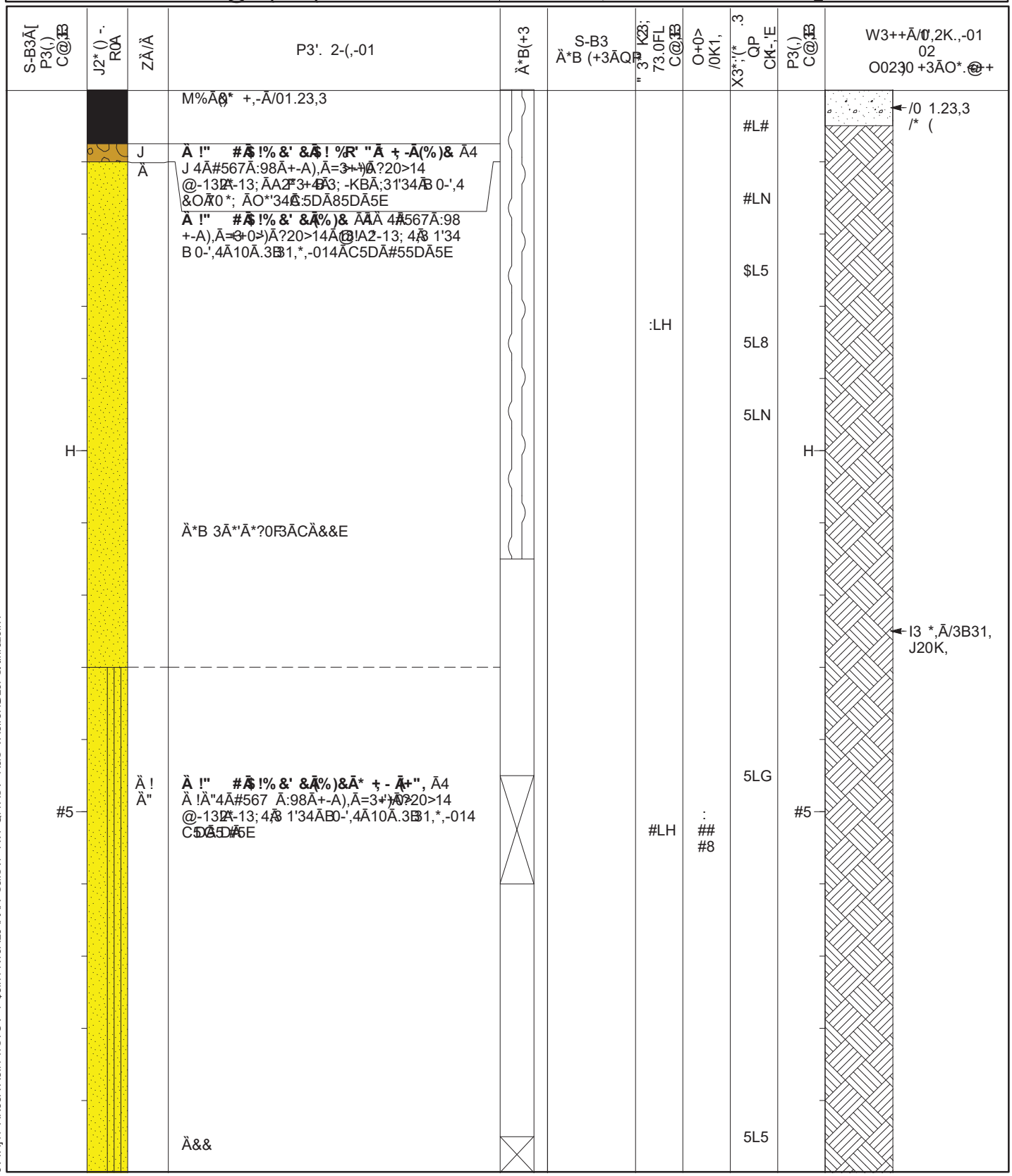
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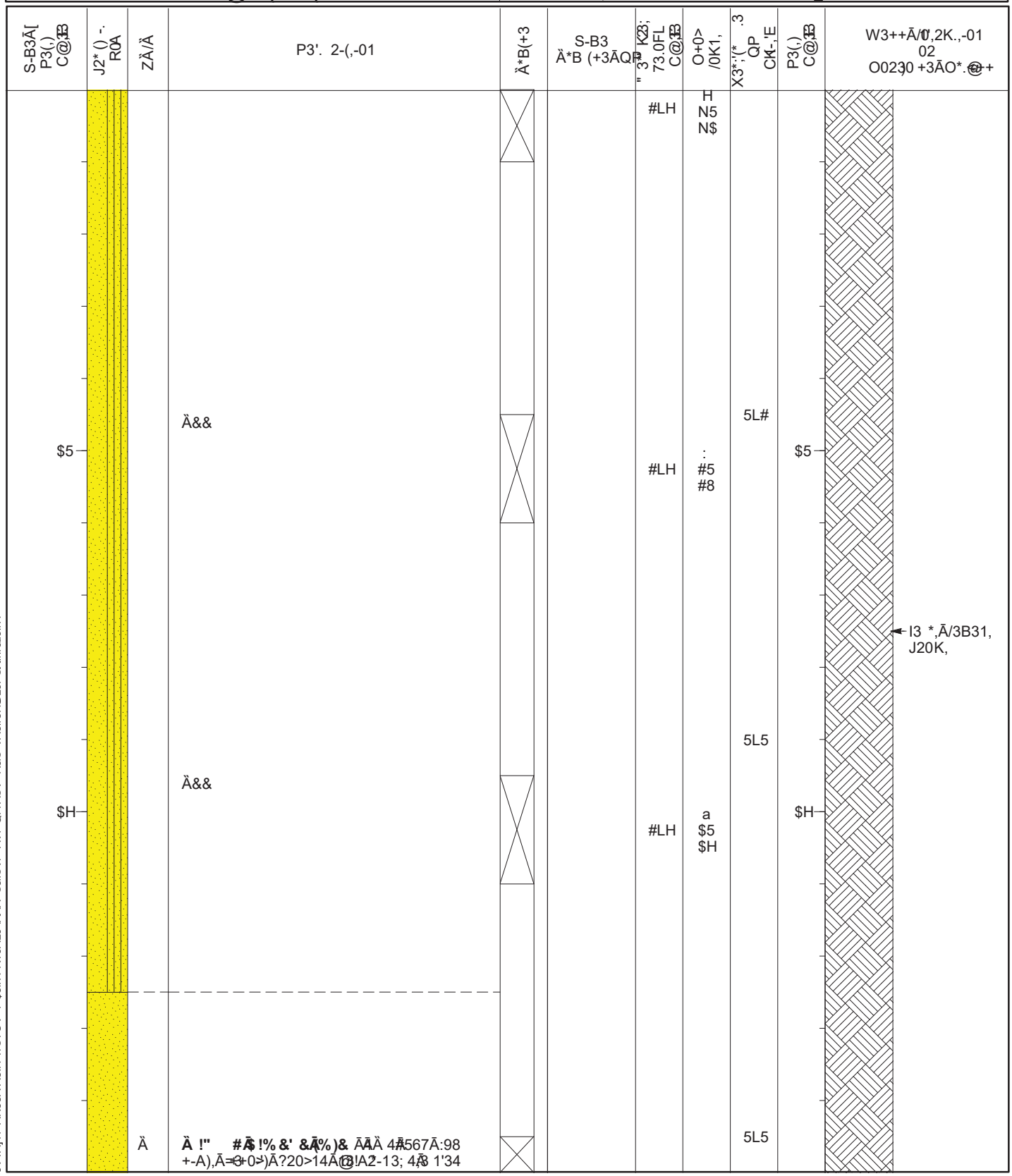
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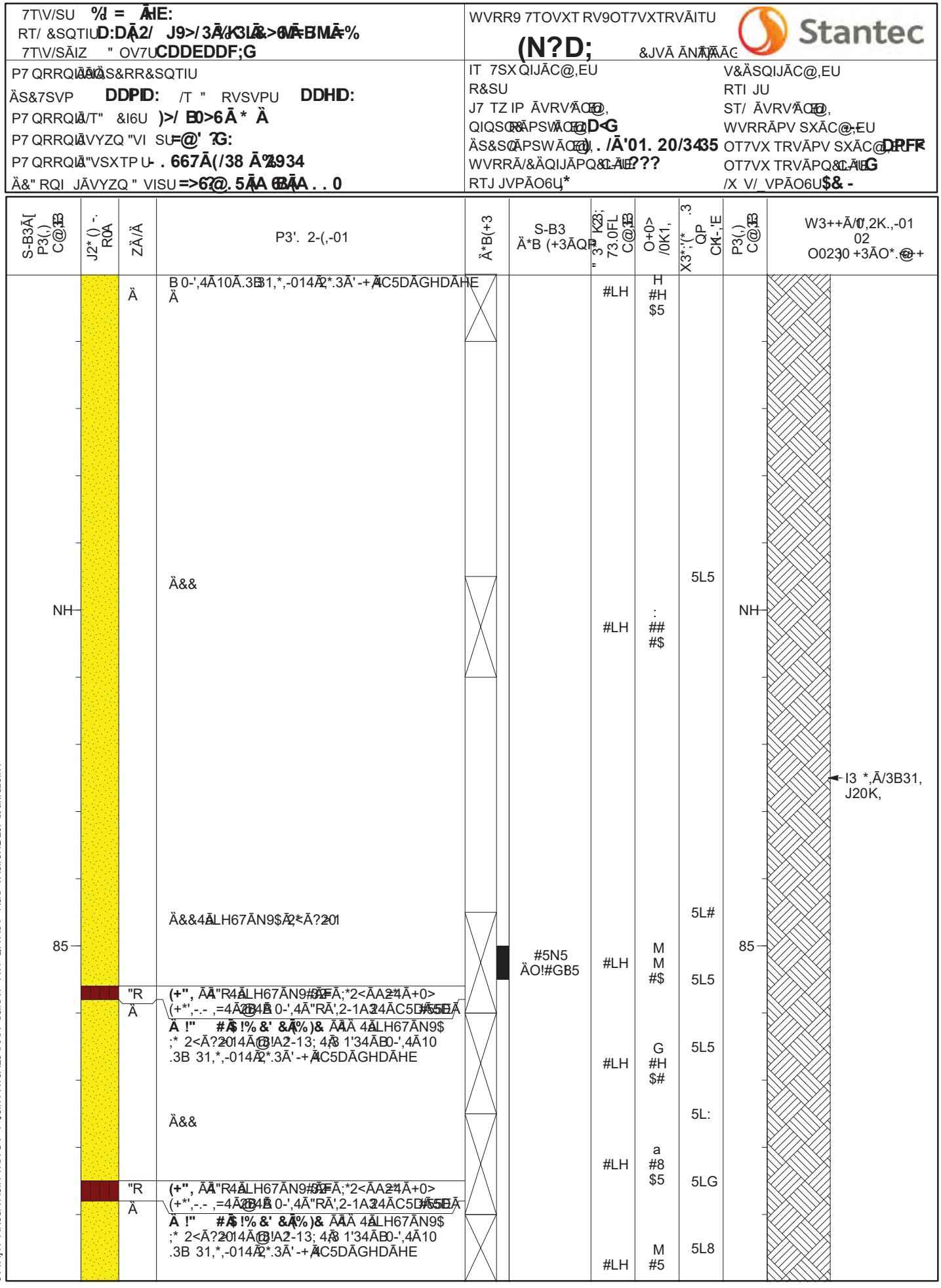
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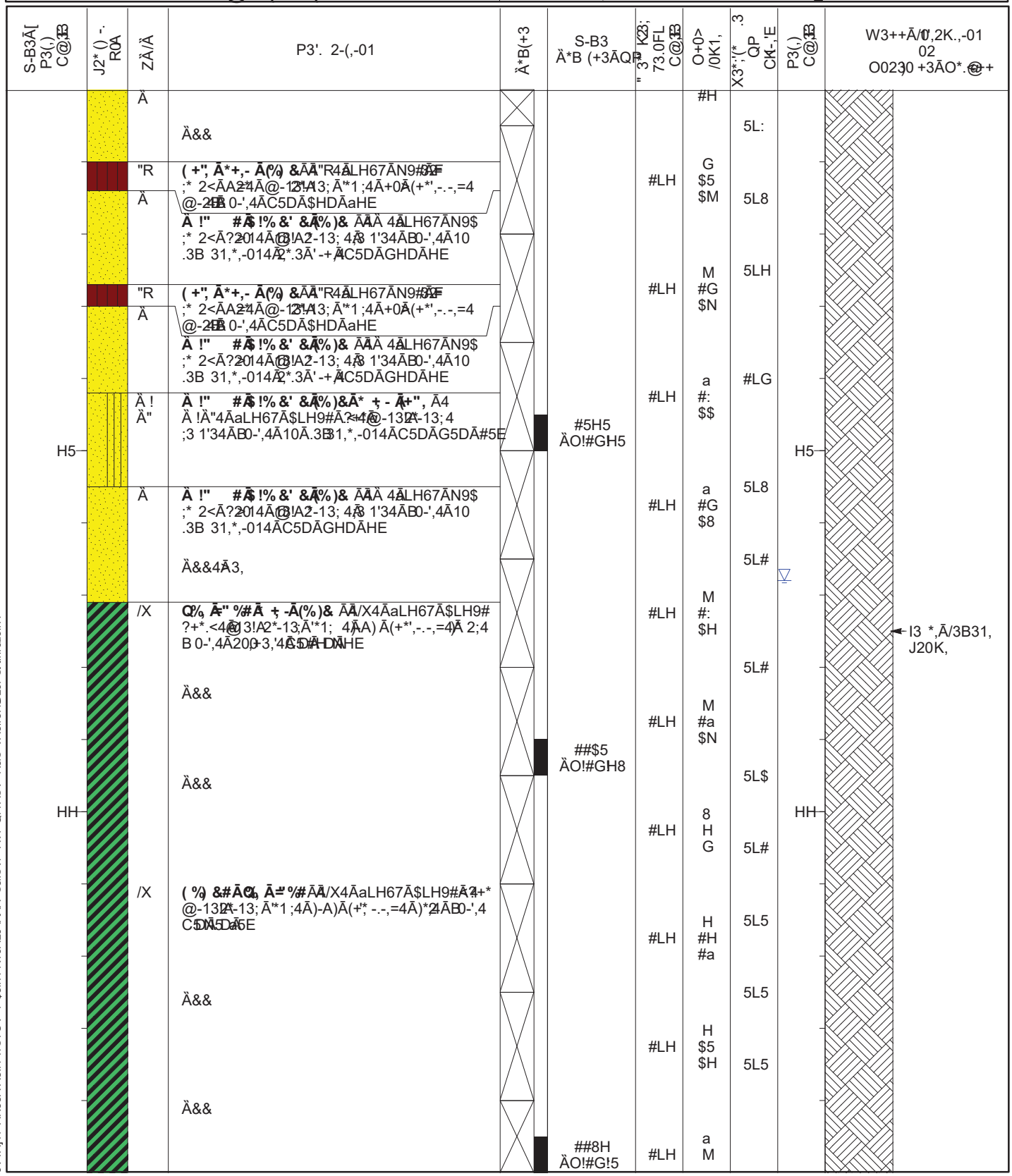
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#NH									#NH	
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#8H									#8H	

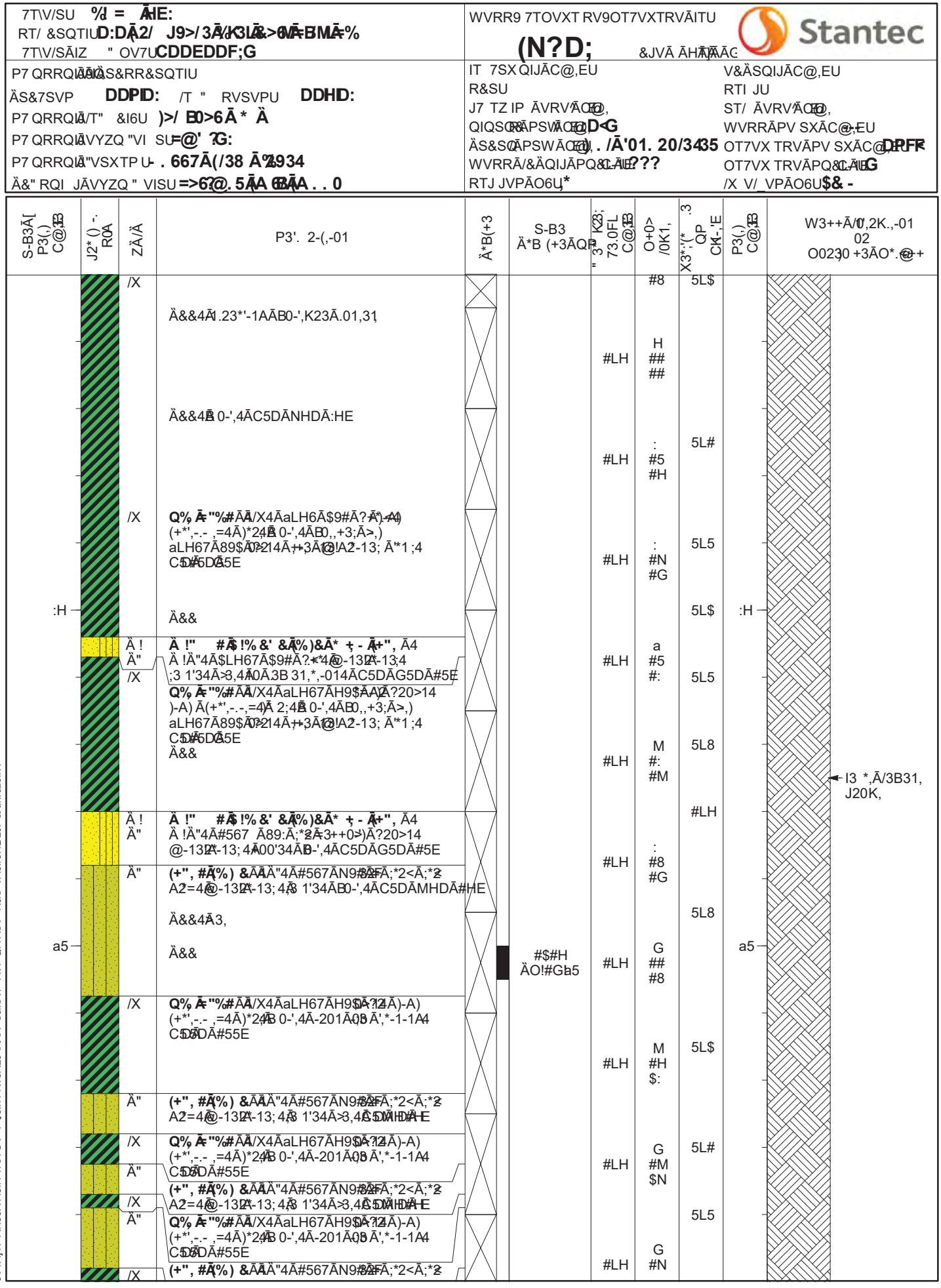
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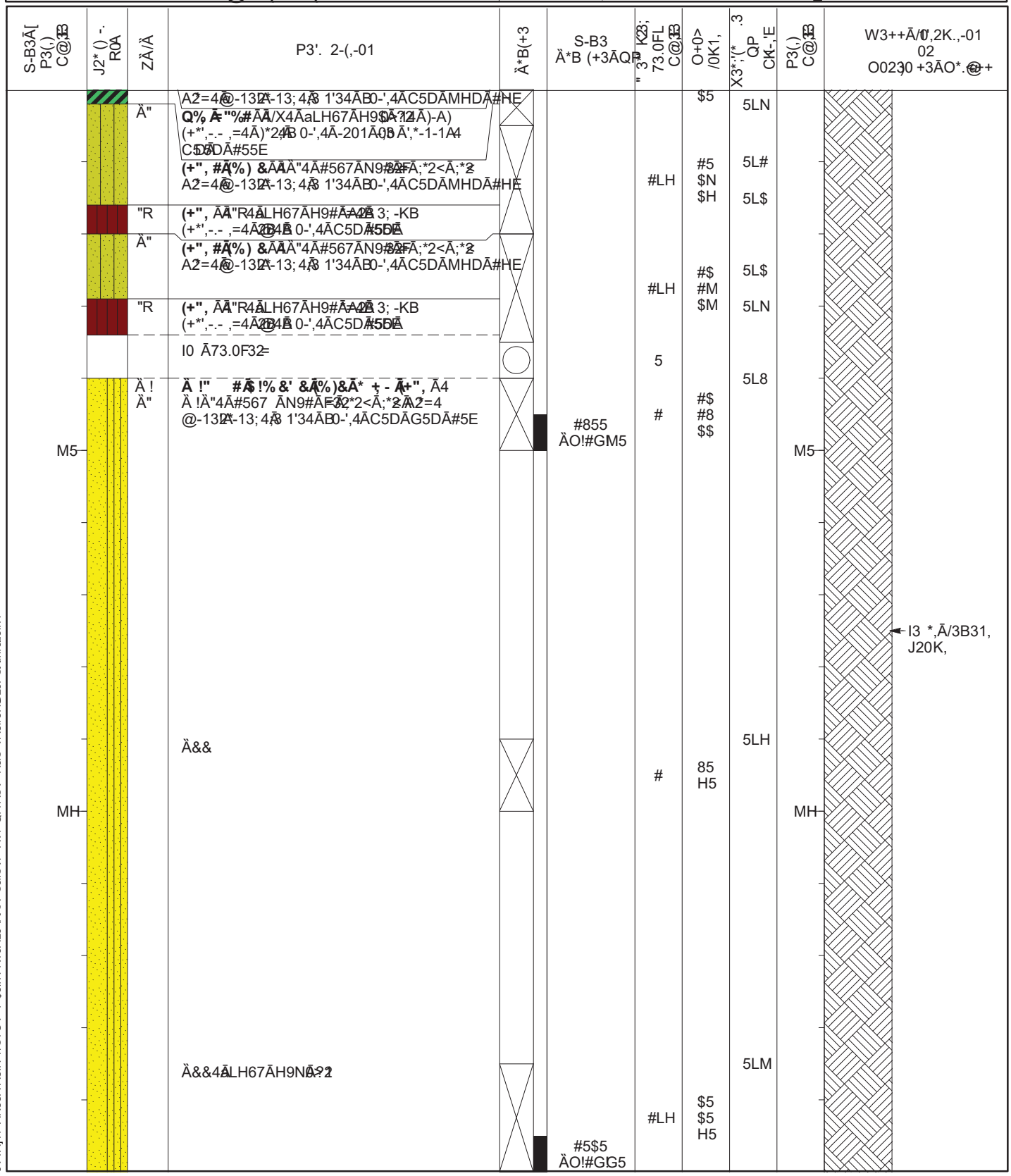

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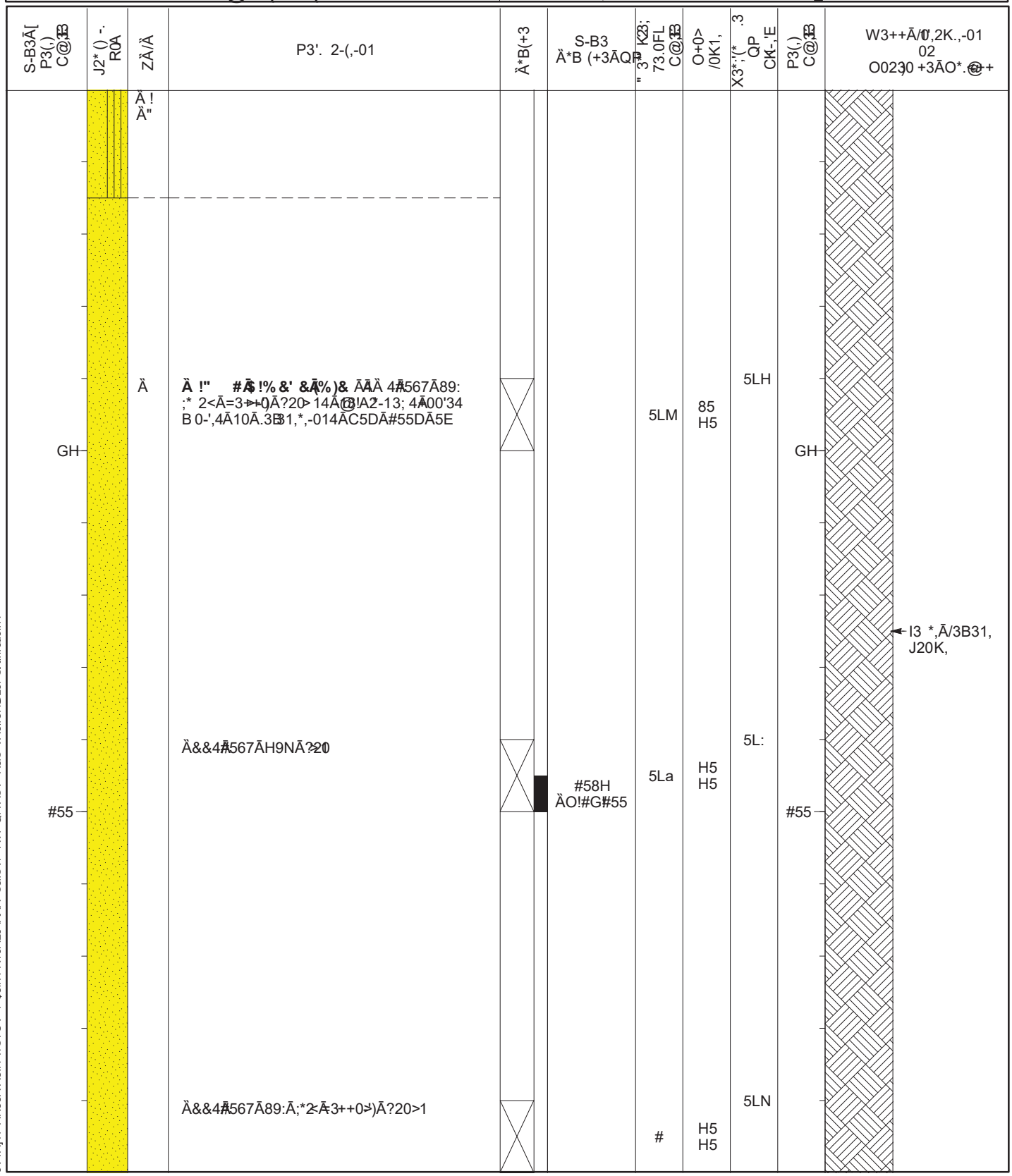

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S-B3Ā[P3(,) C@
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P3'. 2-(,-01
Ā*B(+3
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Stantec

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JVTĀ]T7"ĀN58Ā Ā8:H'T/STOV 7`$5#H'RTJĀLJ \ĀĀĀ S&ISV/ ĀV\^Q7TĀSV" R&S VĀS#5H6LJPSĀ###9#H

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Stantec

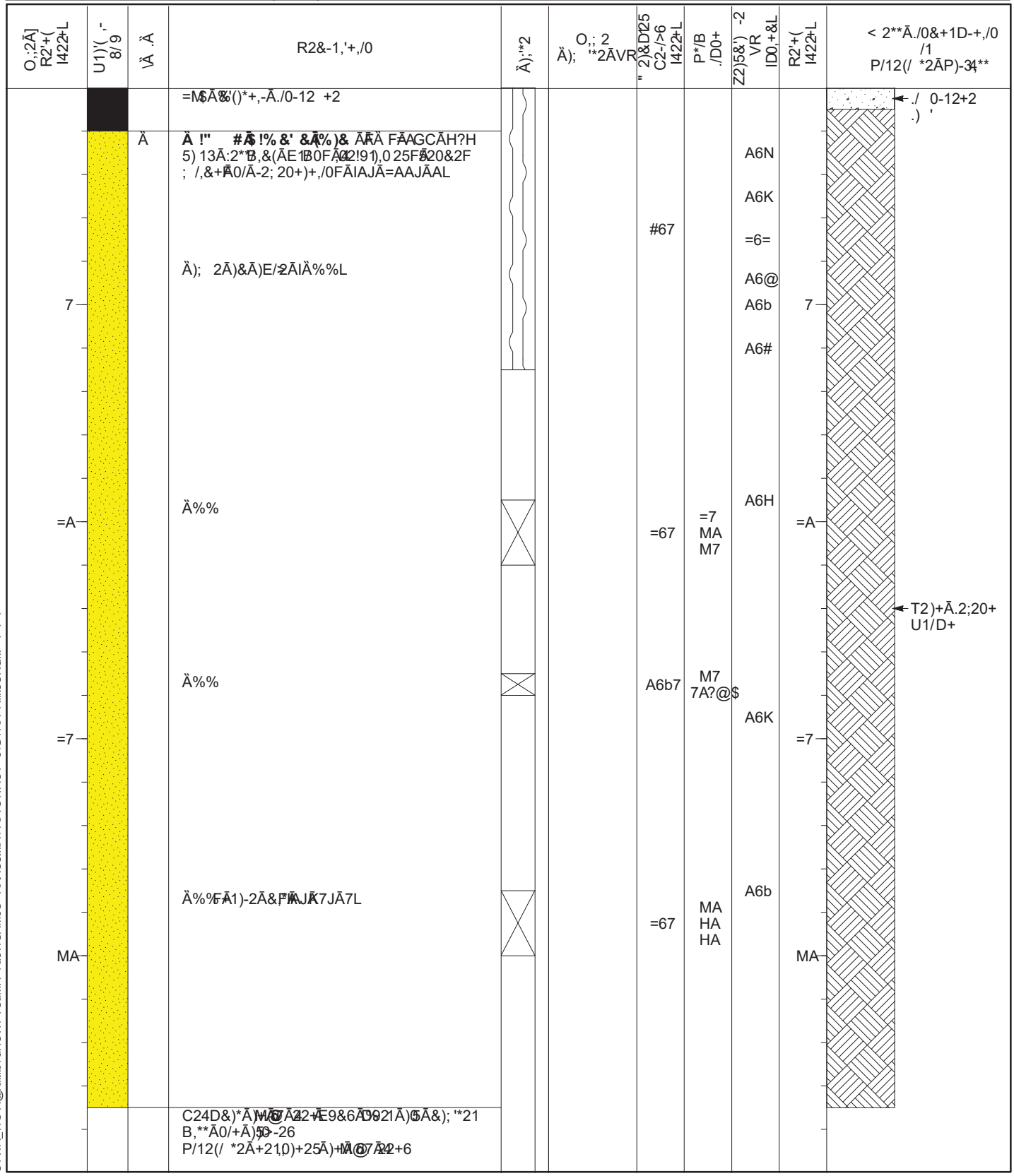
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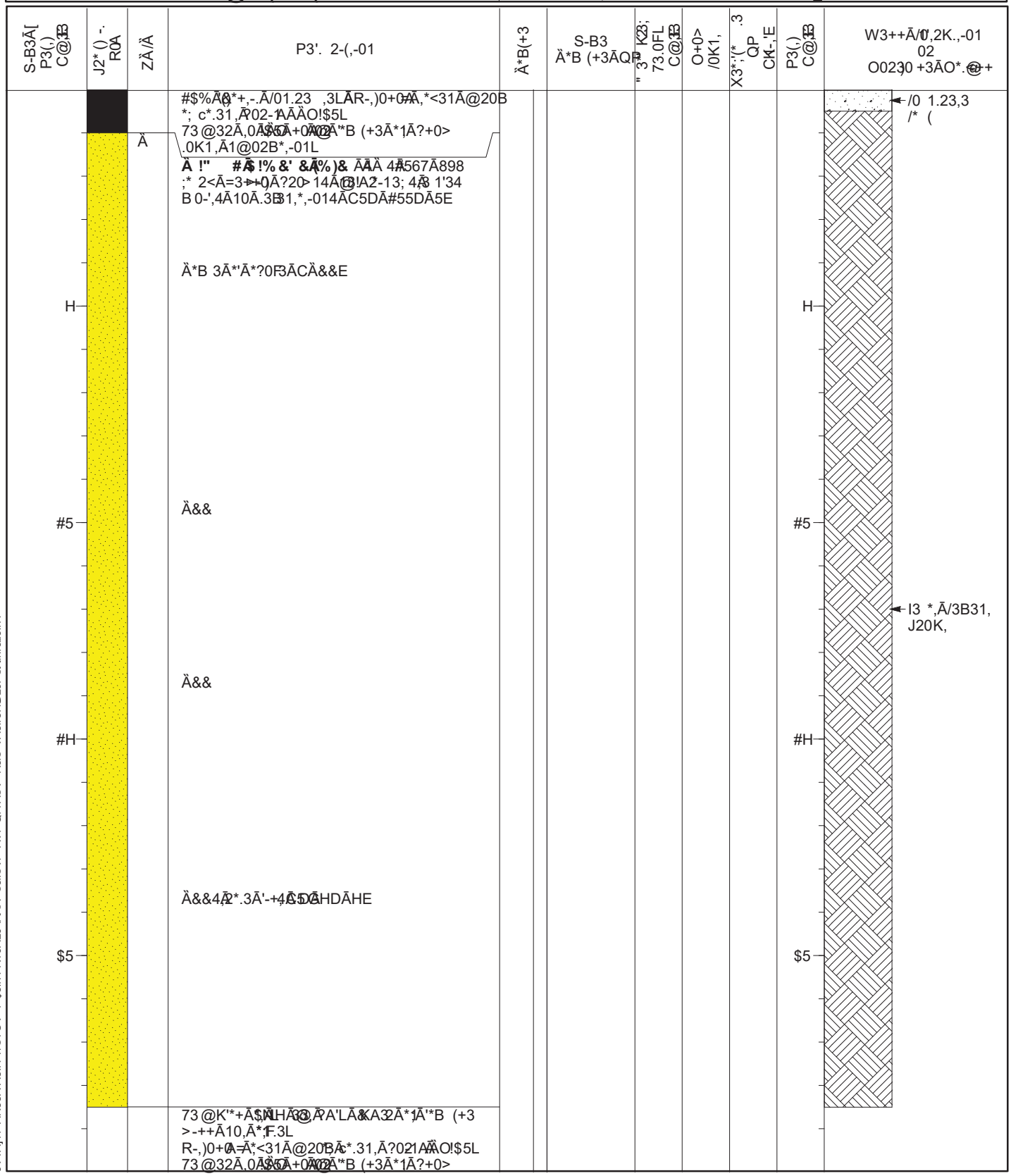
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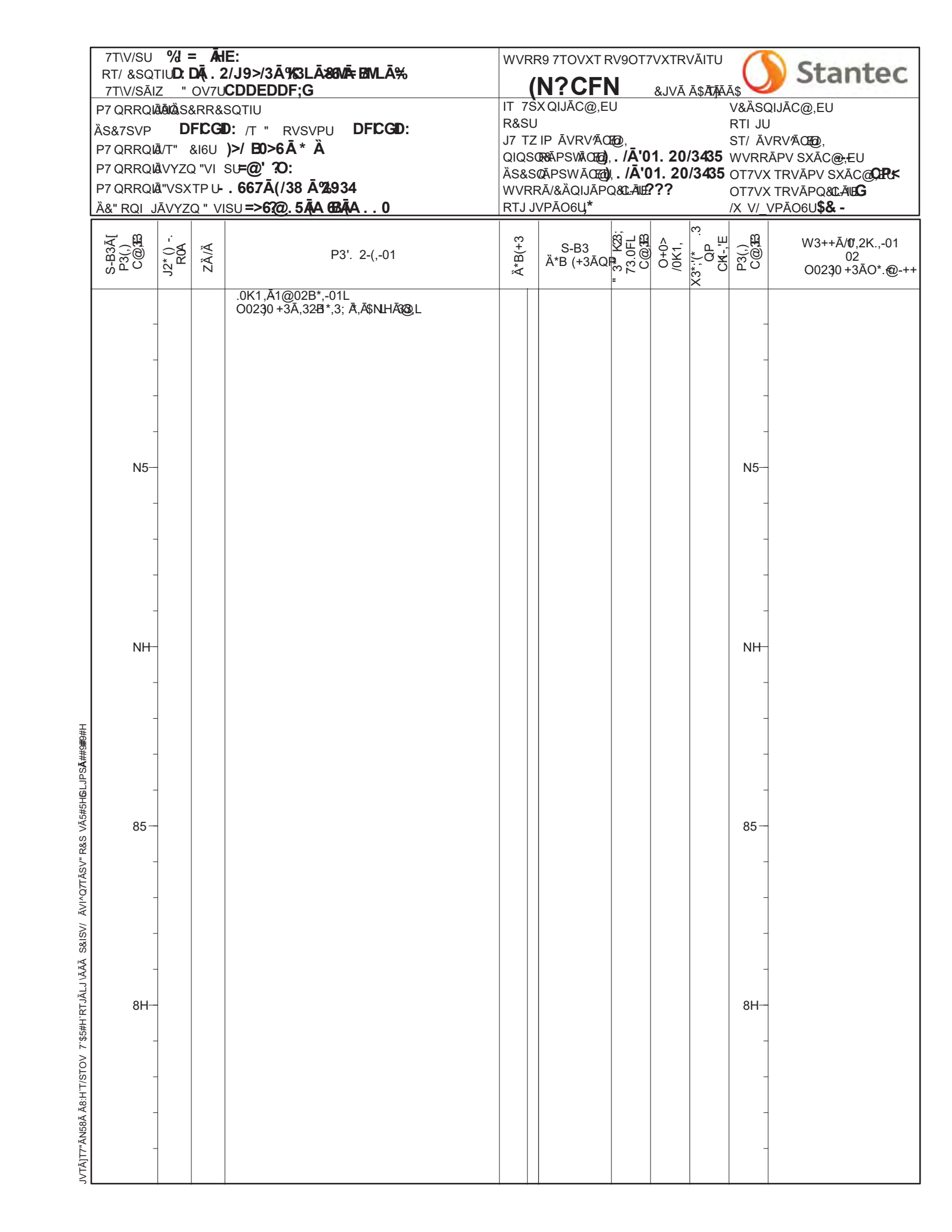
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WVRRĀ/&ÀQIJĀPQ&CĀE???
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V&ĀSQIJĀC@,EU
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WVRRĀPV SXĀC@,EU
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JVTĀ]T7"ĀN58Ā Ā8:H'T/STOV 7'$5#H'RTJĀLJ \ĀĀĀ S&ISV/ ĀV\^Q7TĀSV" R&S VĀS#5HGLJPSĀ###9#H

PROJECT: **ARCO 465**
LOCATION: **151 Southgate Ave. Daly City, CA**
PROJECT NUMBER: **211611098**

WELL/PROBEHOLE/BOREHOLE NO: **SB-20C** PAGE 1 OF 1

Stantec

DRILLING / INSTALLATION:
STARTED **2/23/16** COMPLETED: **2/23/16**
DRILLING COMPANY: **National EWP**
DRILLING EQUIPMENT: **Air Knife and Hollow Stem Auger**
DRILLING METHOD: **Hollow Stem Auger**
SAMPLING EQUIPMENT: **Split Spoon**

NORTHING (ft): EASTING (ft):
LAT: LONG:
GROUND ELEV (ft): TOC ELEV (ft):
INITIAL DTW (ft): **Not Encountered** WELL DEPTH (ft): **20.0**
STATIC DTW (ft): **Not Encountered** DEPTH (ft): **20.0**
WELL CASING DIA. (in): **---** BOREHOLE DIA. (in): **8**
LOGGED BY: **TW/RW** CHECKED BY: **JSA**

Time & Depth (feet)	Graphic Log	USCS	Description	Sample	Time Sample ID	Measured Recov. (feet)	Blow Count	Headspace PID (units)	Depth (feet)	Borehole Backfill
			Hand Auger top 6.5 feet -->			6.5				Concrete Cap
5									5	
10			For lithological description refer to SB-20D			13.5			10	Type I/II Portland Cement
15									15	
20			Refusal at 20'						20	
			Borehole terminated at 20 feet.							

GEO FORM 304 BP 465.GPJ 20150710.GDT 25/8/16

PROJECT: **ARCO 465**
LOCATION: **151 Southgate Ave. Daly City, CA**
PROJECT NUMBER: **211611098**

Boring No: **SB-20D** PAGE 1 OF 6

Stantec

DRILLING / INSTALLATION:
STARTED **5/10/16** COMPLETED: **5/17/16**
DRILLING COMPANY: **National EWP**
DRILLING EQUIPMENT: **Air Knife and Hollow Stem Auger**
DRILLING METHOD: **Hollow Stem Auger**
SAMPLING EQUIPMENT: **Split Spoon**

NORTHING (ft):
LAT:
GROUND ELEV (ft):
INITIAL DTW (ft): **40.75**
STATIC DTW (ft): **Not Encountered**
WELL CASING DIA. (in): **---**
LOGGED BY: **BMR/RW**

EASTING (ft):
LONG:
TOC ELEV (ft):
WELL DEPTH (ft): **0**
BOREHOLE DEPTH (ft): **131.0**
BOREHOLE DIA. (in): **8**
CHECKED BY: **JSA**

Depth (feet)	Graphic Log	USCS	Description	Sample	Time Sample ID	Recov. (feet)	Blow Count	Headspace PID (ppm)	Depth (feet)	Well Construction or Borehole Backfill
			4" Concrete							Concrete
		SP	**POORLY GRADED SAND** ; SP; 10YR 4/3 brown; fine-grained; loose; moist; (0, 95, 5)					0.0		
						6.5				
5.0			Same as above (SAA)						5	
10.0			SAA			1.5	4 11 14	0.9	10	Portland neat cement grout
15.0			SAA			1.5	10 22 24	3.7	15	
20.0		SP-SM	**POORLY GRADED SAND WITH SILT** ; SP-SM; 7.5YR 3/3 dark brown; fine-grained; loose; moist; (0, 90, 10)			1.5	5 6 10	4.9	20	
		SP	**POORLY GRADED SAND** ; SP; 7.5YR 3/3 dark brown; fine-grained; loose; moist; (0, 95, 5)							

PROJECT: **ARCO 465**
LOCATION: **151 Southgate Ave. Daly City, CA**
PROJECT NUMBER: **211611098**

Boring No: **SB-20D** PAGE 2 OF 6

Stantec

DRILLING / INSTALLATION:
STARTED **5/10/16** COMPLETED: **5/17/16**
DRILLING COMPANY: **National EWP**
DRILLING EQUIPMENT: **Air Knife and Hollow Stem Auger**
DRILLING METHOD: **Hollow Stem Auger**
SAMPLING EQUIPMENT: **Split Spoon**

NORTHING (ft):
LAT:
GROUND ELEV (ft):
INITIAL DTW (ft): **40.75**
STATIC DTW (ft): **Not Encountered**
WELL CASING DIA. (in): **---**
LOGGED BY: **BMR/RW**

EASTING (ft):
LONG:
TOC ELEV (ft):
WELL DEPTH (ft): **0**
BOREHOLE DEPTH (ft): **131.0**
BOREHOLE DIA. (in): **8**
CHECKED BY: **JSA**

Depth (feet)	Graphic Log	USCS	Description	Sample	Time Sample ID	Recov. (feet)	Blow Count	Headspace PID (ppm)	Depth (feet)	Well Construction or Borehole Backfill
		SP				1.5	6 7 12	3.7		
30.0			SAA; 10YR 2/2 very dark brown			1.5	8 11 14	4.8	30	
35.0			SAA			1.5	5 7 12	5.0	35	Portland neat cement grout
		SP-SM	**POORLY GRADED SAND WITH SILT** ; SP-SM; 10YR 2/2 very dark brown; fine-grained; loose; moist; (0, 90, 10)							
40.0			SAA; wet			1.5	7 10 10	4.6	40	
		CL	**LEAN CLAY** ; CL; 10Y N 2 greenish black; low plasticity; firm; wet; (0, 0, 100)							
		SM	**SILTY SAND** ; SM; 10Y N 2 greenish black; fine-grained; medium dense; moist; (0, 70, 30)							
45.0						1.5	8 13 14		45	
		SP-SM	**POORLY GRADED SAND WITH SILT** ; SP-SM; 10YR 5/2 grayish brown; fine-grained; medium dense; moist; (0, 90, 10)							

GEO FORM 304 BP 465.GPJ STANTEC ENVIRO TEMPLATE 010509.GDT 8/15/16

PROJECT: **ARCO 465**
LOCATION: **151 Southgate Ave. Daly City, CA**
PROJECT NUMBER: **211611098**

Boring No: **SB-20D** PAGE 3 OF 6

Stantec

DRILLING / INSTALLATION:
STARTED **5/10/16** COMPLETED: **5/17/16**
DRILLING COMPANY: **National EWP**
DRILLING EQUIPMENT: **Air Knife and Hollow Stem Auger**
DRILLING METHOD: **Hollow Stem Auger**
SAMPLING EQUIPMENT: **Split Spoon**

NORTHING (ft):
LAT:
GROUND ELEV (ft):
INITIAL DTW (ft): **40.75**
STATIC DTW (ft): **Not Encountered**
WELL CASING DIA. (in): **---**
LOGGED BY: **BMR/RW**

EASTING (ft):
LONG:
TOC ELEV (ft):
WELL DEPTH (ft): **0**
BOREHOLE DEPTH (ft): **131.0**
BOREHOLE DIA. (in): **8**
CHECKED BY: **JSA**

Depth (feet)	Graphic Log	USCS	Description	Sample	Time Sample ID	Recov. (feet)	Blow Count	Headspace PID (ppm)	Depth (feet)	Well Construction or Borehole Backfill
		SP-SM			09:05 SB-20C-51	1.5	5 5 11	0.9		
						1.5	6 8 12	1.3		
						1.5	6 8 15			
			SAA; wet		09:15 SB-20C-54.5			4.2		
55.0			SAA; 10YR 5/3 brown			1.5	12 17 28		55	
					09:21 SB-20C-56					
			SAA; 10YR 4/2 dark grayish brown			1.5	11 14 26	5.7		
						1.5	10 14 31			
					09:27 SB-20C-59					
60.0						1.5	8 16 16	1.2	60	Portland neat cement grout
						1.5	3 7 10	0.7		
		CL	**LEAN CLAY WITH TRACE SAND** ; CL; GLEY1 4/1 10GY dark greenish gray; low plasticity; dense; dry; (0, 5, 95); crumbles easily		09:37 SB-20C-63	1.5	9 10 12	1.4		
		SP-SM	**POORLY GRADED SAND WITH SILT** ; SP-SM; 10YR 5/2 grayish brown; fine-grained; medium dense; moist; (0, 90, 10); clay nodules			1.5	11 12 12			
65.0								1.4	65	
					10:00 SB-20C-66	1.5	6 7 14			
					10:06 SB-20C-67					
		CL	**LEAN CLAY WITH TRACE SAND** ; CL; GLEY1 4/1 10GY dark greenish gray; low plasticity; dense; dry; (0, 5, 95); crumbles easily			1.5	4 7 16	0.8		
		SP	**POORLY GRADED SAND** ; SP; GLEY1 4/1 10GY dark greenish gray; fine-grained; medium dense; moist; (0, 95, 5)			1.5	8 10 10			
					10:10 SB-20C-69.5			2.8		
70.0						1.5	5 7 14		70	
					10:21 SB-20C-72					
			SAA; 10YR 4/2 dark grayish brown			1.5	8 10 16			
						1.5	9 12 14			
						1.5	11 14	4.6		

GEO FORM 304 BP 465.GPJ STANTEC ENVIRO TEMPLATE 010509.GDT 8/15/16

PROJECT: **ARCO 465**
LOCATION: **151 Southgate Ave. Daly City, CA**
PROJECT NUMBER: **211611098**

Boring No: **SB-20D** PAGE 4 OF 6

Stantec

DRILLING / INSTALLATION:
STARTED **5/10/16** COMPLETED: **5/17/16**
DRILLING COMPANY: **National EWP**
DRILLING EQUIPMENT: **Air Knife and Hollow Stem Auger**
DRILLING METHOD: **Hollow Stem Auger**
SAMPLING EQUIPMENT: **Split Spoon**

NORTHING (ft):
LAT:
GROUND ELEV (ft):
INITIAL DTW (ft): **40.75**
STATIC DTW (ft): **Not Encountered**
WELL CASING DIA. (in): **---**
LOGGED BY: **BMR/RW**

EASTING (ft):
LONG:
TOC ELEV (ft):
WELL DEPTH (ft): **0**
BOREHOLE DEPTH (ft): **131.0**
BOREHOLE DIA. (in): **8**
CHECKED BY: **JSA**

Depth (feet)	Graphic Log	USCS	Description	Sample	Time Sample ID	Recov. (feet)	Blow Count	Headspace PID (ppm)	Depth (feet)	Well Construction or Borehole Backfill
		SP	SAA				20	1.8		
80.0			SAA; Gley 1 4/1 dark greenish gray; moist		10:37 SB-20C-81	1.5	10 10 17	3.8	80	
			SAA; 10YR 3/4 dark yellowish brown							
85.0			SAA			1.5	9 14 18	5.7	85	Portland neat cement grout
90.0			SAA; 10YR 4/2 dark grayish brown		10:50 SB-20C-91	1.5	18 29 50 for 6"	0.5	90	
95.0			SAA 2.5Y 4/6 dark olive brown			1.5	19 20 27	2.6	95	

GEO FORM 304 BP 465.GPJ STANTEC ENVIRO TEMPLATE 010509.GDT 8/15/16

PROJECT: **ARCO 465**
LOCATION: **151 Southgate Ave. Daly City, CA**
PROJECT NUMBER: **211611098**

Boring No: **SB-20D** PAGE 5 OF 6

Stantec

DRILLING / INSTALLATION:
STARTED **5/10/16** COMPLETED: **5/17/16**
DRILLING COMPANY: **National EWP**
DRILLING EQUIPMENT: **Air Knife and Hollow Stem Auger**
DRILLING METHOD: **Hollow Stem Auger**
SAMPLING EQUIPMENT: **Split Spoon**

NORTHING (ft):
LAT:
GROUND ELEV (ft):
INITIAL DTW (ft): **40.75**
STATIC DTW (ft): **Not Encountered**
WELL CASING DIA. (in): **---**
LOGGED BY: **BMR/RW**

EASTING (ft):
LONG:
TOC ELEV (ft):
WELL DEPTH (ft): **0**
BOREHOLE DEPTH (ft): **131.0**
BOREHOLE DIA. (in): **8**
CHECKED BY: **JSA**

Depth (feet)	Graphic Log	USCS	Description	Sample	Time Sample ID	Recov. (feet)	Blow Count	Headspace PID (ppm)	Depth (feet)	Well Construction or Borehole Backfill
		SP	SAA		11:01 SB-20C-101	1.5	14 28 32			
105.0			SAA			1.5	17 31 30	0.7	105	
110.0			SAA		11:20 SB-20C-111	0.66	32 50 for 3"	1.6	110	Portland neat cement grout
		SP-SM	**POORLY GRADED SAND WITH SILT** ; SP-SM; 10YR 4/3 brown; fine-grained; medium dense; moist; (0, 90, 10)							
115.0						1	38 50 for 6"	4.4	115	
		SP	**POORLY GRADED SAND** ; SP; 5YR 5/8 yellowish red; fine-grained; medium dense; moist; (0, 95, 5)							
120.0					11:35 SB-20C-121	1.1	38 42 50 for 2"	0.2	120	
		SC	**CLAYEY SAND** ; SC; 5YR 5/8 yellowish red; fine-grained; dense; moist; (0, 70, 30)							
		SP	**POORLY GRADED SAND** ; SP; 5YR 5/8 yellowish red; fine-grained; medium dense;							

GEO FORM 304 BP 465.GPJ STANTEC ENVIRO TEMPLATE 010509.GDT 8/15/16

PROJECT: **ARCO 465**
LOCATION: **151 Southgate Ave. Daly City, CA**
PROJECT NUMBER: **211611098**

Boring No: **SB-20D** PAGE 6 OF 6

Stantec

DRILLING / INSTALLATION:
STARTED **5/10/16** COMPLETED: **5/17/16**
DRILLING COMPANY: **National EWP**
DRILLING EQUIPMENT: **Air Knife and Hollow Stem Auger**
DRILLING METHOD: **Hollow Stem Auger**
SAMPLING EQUIPMENT: **Split Spoon**

NORTHING (ft):
LAT:
GROUND ELEV (ft):
INITIAL DTW (ft): **40.75**
STATIC DTW (ft): **Not Encountered**
WELL CASING DIA. (in): **---**
LOGGED BY: **BMR/RW**

EASTING (ft):
LONG:
TOC ELEV (ft):
WELL DEPTH (ft): **0**
BOREHOLE DEPTH (ft): **131.0**
BOREHOLE DIA. (in): **8**
CHECKED BY: **JSA**

Depth (feet)	Graphic Log	USCS	Description	Sample	Time Sample ID	Recov. (feet)	Blow Count	Headspace PID (ppm)	Depth (feet)	Well Construction or Borehole Backfill
		SP	moist; (0, 95, 5)		11:43 SB-20C-126	1.5	18 18 33	1.2		
130.0					11:53 SB-20C-131	0.75	47 50 for 3"		130	Portland neat cement grout
			SAA Borehole terminated at 131 feet.							
135.0									135	
140.0									140	
145.0									145	

GEO FORM 304 BP 465.GPJ STANTEC ENVIRO TEMPLATE 010509.GDT 8/15/16

CW^Y.OX %d A ĀB=C
8W. %OVWTX<C<Ā2/ D9E/3Ā/F3Ō&E6HĀI/HŌĀ%
CW^Y.OĀT\ " PYCX;<<=<<>?@

< Y88? CWPYZW8Y?PWCYZW8YĀTWX

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%UYĀĀ=ĀĀ ĀĀ...

Stantec

RCV88VTŪĀTVÀO%88%OVWTX
TWCOZVTUĀI4+LX
Y%ÀOVTUĀI4+LX

ÀO%COYR <>:@;<C .W " 8YOYRX <>:;?:<C
8%OX
8WTUX

RCV88VTŪ.W" %TGX)E/ I.0E6Ā * À
UCW\ TRĀY8YSĀI4+X
OW.ĀY8YSĀI4+X

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VTVOW8%RO<ĀI4+X) . /Ā'01. 20/3435
< Y88ĀRY OZĀI4+LX

RCV88VTŪ"YOZWRX- . 667Ā(/38 Ā%2934
ÀO%OXRO< ĀI4+X) . /Ā'01. 20/3435
PWCYZW8YĀRY OZĀI4+LX

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< Y88Ā.%ÀVTUĀRV%6LĀKKK
PWCYZW8YĀRV%6LĀ@
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.Z Y.`YRĀPGX$& -

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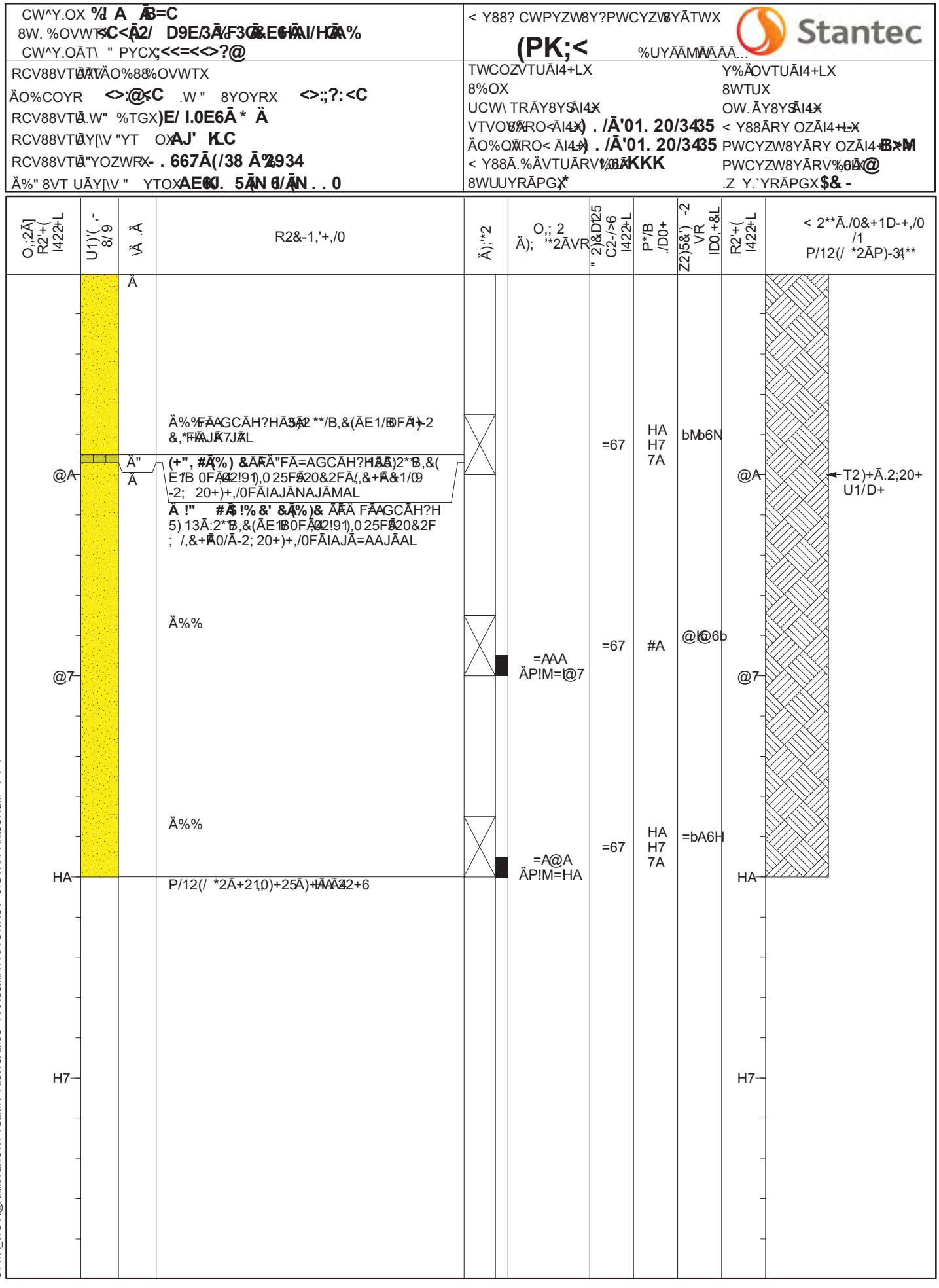
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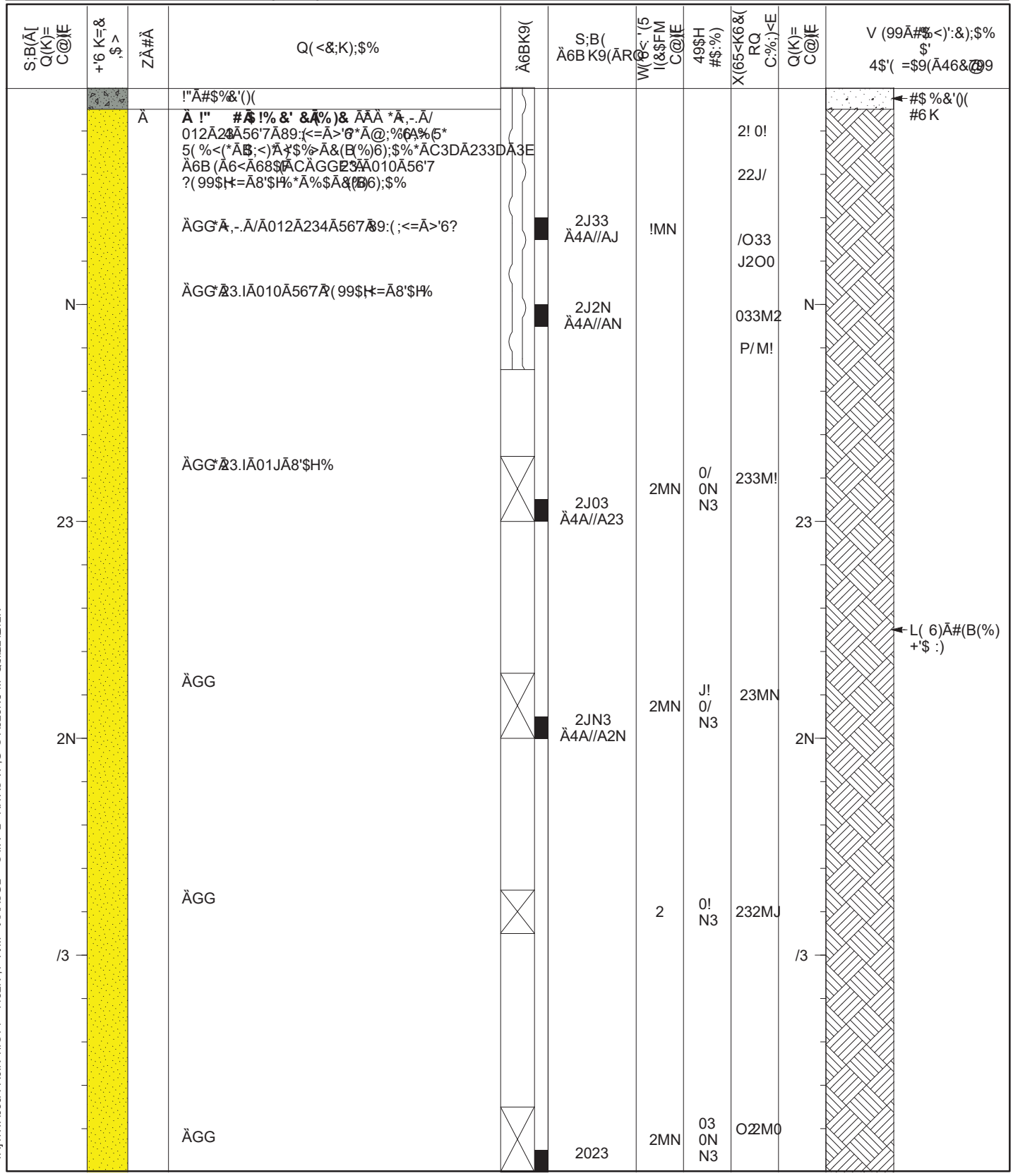
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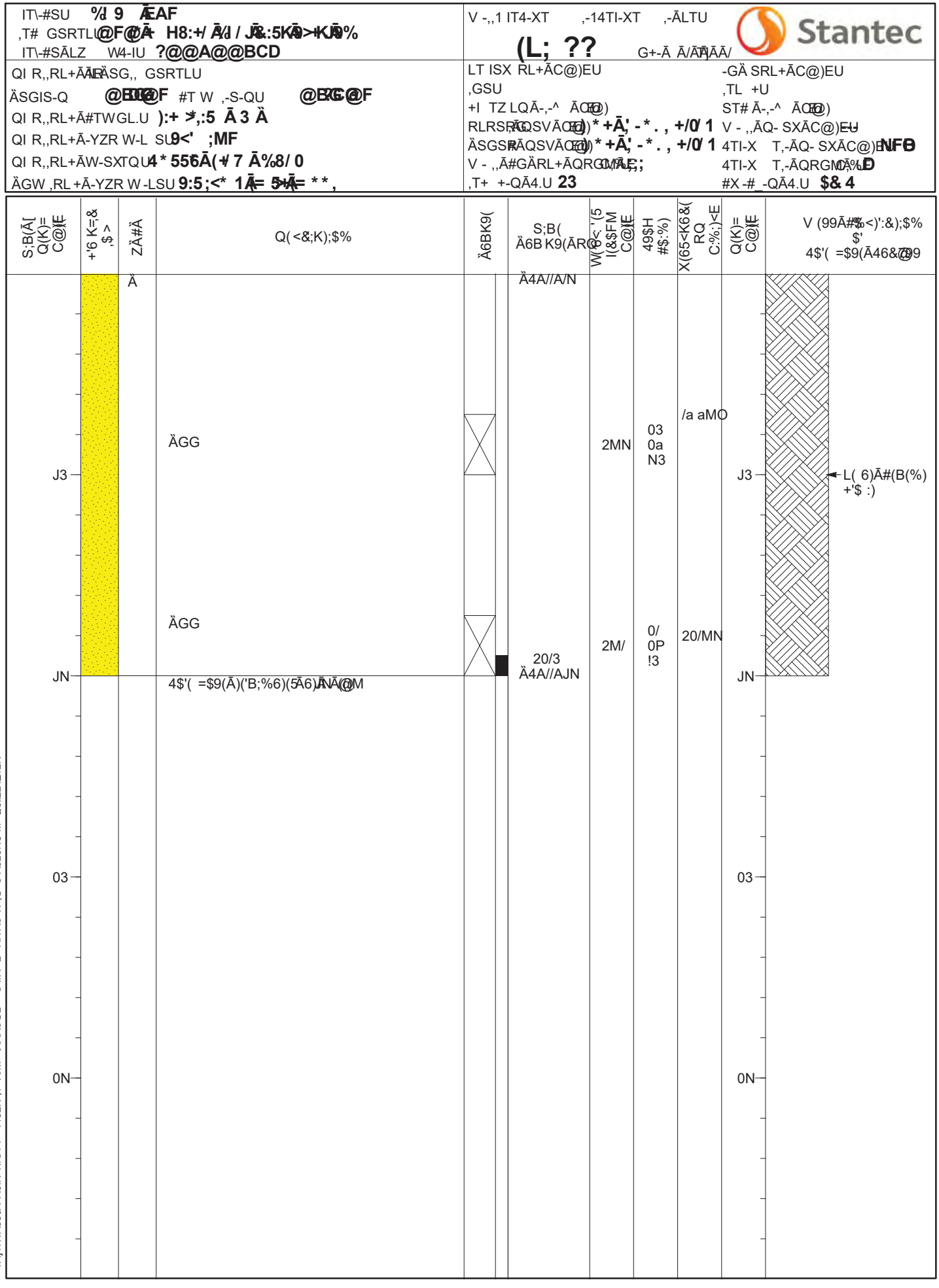
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antea group

Project No:	00465EA181	Client:	BP
Logged By:	BP & IT	Location:	Daly City, CA
Driller:	Cascade	Date Drilled:	3/28/2018
Drilling Method:	Hand auger/Geoprobe	Hole Diameter:	2.5" OD
Sampling Method:		Hole Depth:	16'

Hand auger 0-6.5'

2.5" OD, 1.75" ID core barrel 6.5-16 ft.

First Water Depth:

Static Water Depth:

Boring No: SB-23

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Location Map

Elevation: Northing: Easting:

Boring Completion / Backfill	Static Water Level	Moisture Content	PID Reading (ppm)	Sample Identification	Depth (feet)	Sample Recovery	Sample Analyzed	Soil Type	LITHOLOGY / DESCRIPTION
Neat cement. 0 - 16 ft bgs.									0 - 1 ft. Asphalt/Concrete.
			53.0		1				1 - 6.5 ft. - Poorly graded sand (SP); Red/Brown medium-grained
			55.8		2				grained sand, well sorted. Hand auger to 6.5 ft.
			105.7	SB-23 3-4'	3		X		
			82.1		4		X		
			12.1		5				
					6				
		Moist	3.3		7				6.5 - 16 ft. Same as above. Geoprobe to 16 ft.
		Moist	1.9		8				
				SB-23 9-10'	9		X		
					10		X		
					11				
		Moist	2.5	SB-23 12-14'	12		X		
					13		X		
					14		X		
		Moist	4.1		15				
					16				Boring terminated at 16 ft.
					17				
					18				
					19				
					20				
					21				
					22				

Project No:	00465EA181	Client:	BP	**Boring No: SB-24**	
Logged By:	BP & IT	Location:	Daly City, CA	Page 1 of 1	
Driller:	Cascade	Date Drilled:	3/28/2018	Location Map	
Drilling Method:	Hand auger/Geoprobe	Hole Diameter:	2.5" OD		
Sampling Method:		Hole Depth:	16'		
	Hand auger 0-6.5 ft.				
	2.5" OD, 1.75" ID core barrel 6.5-16 ft.				
	▽ First Water Depth:				
	▼ Static Water Depth:				
Elevation:	Northing:	Easting:			

Boring Completion / Backfill	Static Water Level	Moisture Content	PID Reading (ppm)	Sample Identification	Depth (feet)	Sample Recovery	Sample Analyzed	Soil Type	LITHOLOGY / DESCRIPTION
Neat cement. 0 - 16 ft bgs.									0 - 1 ft. Asphalt/Concrete.
		Moist	8.4		1				1 - 4 ft. - Poorly-graded sand (SP); Red/Brown fine to medium-grained sand, well sorted; trace silt and gravel. Hand augered.
		Moist	7.8		2				
		Moist	3.8		3				
		Moist	4.2		4				4 - 6.5 ft. Brown color.
		Moist	89.6	SB-24 5-6'	5		☒		
					6		☒		
		Moist	2.9		7				6.5 - 16 ft. Same as above. Geoprobe to 16 ft.
		Moist	3.7		8				
					9				
		Moist	3.8	SB-24 10-12'	10		☒		
					11		☒		
		Moist	3.1		12		☒		
					13				
				SB-24 14-16'	14		☒		
					15		☒		
					16		☒		Boring terminated at 16 ft.
					17				
					18				
					19				
					20				
					21				
					22				

Project No:	00465EA181	Client:	BP	**Boring No: SB-25**	
Logged By:	BP & IT	Location:	Daly City, CA	Page 1 of 1	
Driller:	Cascade	Date Drilled:	3/28/2018	Location Map	
Drilling Method:	Hand auger/Geoprobe	Hole Diameter:	2.5" OD		
Sampling Method:		Hole Depth:	16'		
	Hand auger 0-6.5 ft.				
	2.5" OD, 1.75" ID core barrel 6.5-16 ft.				
	▽ First Water Depth:				
	▼ Static Water Depth:				
Elevation:	Northing:	Easting:			

Boring Completion / Backfill	Static Water Level	Moisture Content	PID Reading (ppm)	Sample Identification	Depth (feet)	Sample Recovery	Sample Analyzed	Soil Type	LITHOLOGY / DESCRIPTION
Neat cement. 0 - 16 ft bgs									0 - 1 ft. Asphalt/Concrete.
		Moist	1.8		1				1 - 6.5 ft. Poorly-graded sand (SP); Red/Brown fine to medium-medium-grained sand to gravel. Hand auger to 6.5 ft.
		Moist	2.7		2				
		Moist	2.5		3				
		Moist	2.9	SB-25 4-5'	4		⊠		
		Moist	2.5		5		⊠		
		Moist	3.4		6				6.5 - 8 ft. Same as above. Geoprobe to 16 ft.
		Moist	2.5		7				
					8				8 - 16 ft. Silty sand (SM); fine to medium sand; some silt.
		Moist	4.0	SB-25 10-12'	9				
					10		⊠		
					11		⊠		
		Moist	4.4		12		⊠		
					13				
		Moist	4.8	SB-25 14-16'	14		⊠		
					15		⊠		
					16		⊠		Boring terminated at 16 ft.
					17				
					18				
					19				
					20				
					21				
					22				

Project No:	00465EA181	Client:	BP	**Boring No: SB-26**	
Logged By:	BP & IT	Location:	Daly City, CA	Page 1 of 1	
Driller:	Cascade	Date Drilled:	3/28/2018	Location Map	
Drilling Method:	Hand auger/Geoprobe	Hole Diameter:	2.5" OD		
Sampling Method:		Hole Depth:	16'		

Hand auger 0-6.5 ft.

2.5" OD, 1.75" ID core barrel 6.5-16 ft.

▽ First Water Depth:

▼ Static Water Depth:

Elevation: Northing: Easting:

Boring Completion / Backfill	Static Water Level	Moisture Content	PID Reading (ppm)	Sample Identification	Depth (feet)	Sample: Recovery	Sample: Analyzed	Soil Type	LITHOLOGY / DESCRIPTION
Neat cement. 0 - 16 ft bgs									0 - 1 ft. Asphalt/Concrete.
		Moist	1.6		1				1 - 6.5 ft. Poorly-graded sand (SP); Red/Brown fine to medium-grained sand; trace silt and gravel. Hand auger to 6.5 ft.
		Moist	1.2		2				
		Moist	0.9		3				
		Moist	1.4		4				
		Moist	1.4	SB-26 5-6.5'	5				
					6				
		Moist	0.2		7				6.5 - 8 ft. Same as above. Geoprobe to 16 ft.
		Moist	0.4		8				8 - 16 ft. Same as above. Brown.
					9				
		Moist	0.3	SB-26 10-12'	10				
					11				
		Moist	0.1		12				
					13				
		Moist	0.2	SB-26 14-16'	14				
					15				
					16				Boring terminated at 16 ft.
					17				
					18				
					19				
					20				
					21				
					22				

Project No:	00465EA181	Client:	BP	**Boring No: SB-27**	
Logged By:	BP & IT	Location:	Daly City, CA	Page 1 of 1	
Driller:	Cascade	Date Drilled:	3/28/2018	Location Map	
Drilling Method:	Hand auger/Geoprobe	Hole Diameter:	2.5" OD		
Sampling Method:		Hole Depth:	16'		

Hand auger 0-6.5 ft.

2.5" OD, 1.75" ID core barrel 6.5-16 ft.

▽ First Water Depth:

▼ Static Water Depth:

Elevation: Northing: Easting:

Boring Completion / Backfill	Static Water Level	Moisture Content	PID Reading (ppm)	Sample Identification	Depth (feet)	Sample: Recovery	Sample: Analyzed	Soil Type	LITHOLOGY / DESCRIPTION
Neat cement. 0 - 16 ft bgs									0 - 1 ft. Asphalt/Concrete
		Moist	1.7		1				1 - 6.5 ft. Poorly-graded sand (SP); Red/Brown fine to medium-grained sand; trace silt and gravel. Hand auger to 6.5 ft.
		Moist	1.5		2				
		Moist	1.5		3				
		Moist	1.5	SB-27 4-5'	4				
		Moist	1.0		5				
		Moist	0.2		6				
		Moist	0.1		7				6.5 - 16 ft. Same as above. Geoprobe to 16 ft.
		Moist	0.2	SB-27 10-12'	8				
		Moist	0.4		9				
		Moist	0.5	SB-27 14-16'	10				
					11				
					12				
					13				
					14				
					15				
					16				Boring terminated at 16 ft.
					17				
					18				
					19				
					20				
					21				
					22				

Project No:	00465EA181	Client:	BP	**Boring No: SB-28**	
Logged By:	BP & IT	Location:	Daly City, CA	Page 1 of 1	
Driller:	Cascade	Date Drilled:	3/28/2018	Location Map	
Drilling Method:	Hand auger/Geoprobe	Hole Diameter:	2.5" OD		
Sampling Method:		Hole Depth:	16'		
	Hand auger 0-6.5 ft.				
	2.5" OD, 1.75" ID core barrel 6.5-16 ft.				
	▽ First Water Depth:				
	▼ Static Water Depth:				
Elevation:	Northing:	Easting:			

Boring Completion / Backfill	Static Water Level	Moisture Content	PID Reading (ppm)	Sample Identification	Depth (feet)	Sample Recovery	Sample Analyzed	Soil Type	LITHOLOGY / DESCRIPTION
Neat cement. 0 - 16 ft bgs									0 - 1 ft. Concrete/Asphalt.
		Moist	1.9		1				1 - 2 ft. Fill. Hand auger to 6.5 ft.
					2				2 - 3 ft. No recovery
		Moist	0.7		3				3 - 4 ft. Poorly-graded sand (SP); Red/Brown fine to medium-grained sand; Trace gravel.
		Moist	1.3		4				4 - 6.5 ft. Same as above. Brown.
		Moist	1.4	SB-28 5-6.5'	5				
					6				
		Moist	1.6		7				6.5 - 16 ft. Same as above. Geoprobe.
		Moist	0.8		8				
					9				
		Moist	1.3	SB-28 10-12'	10				
					11				
		Moist	1.4		12				
					13				
		Moist	21.0	SB-28 14-16' DUP-1	14				
					15				
					16				Boring terminated at 16 ft.
					17				
					18				
					19				
					20				
					21				
					22				

Project No:	00465EA181	Client:	BP	**Boring No: SB-29**	
Logged By:	BP & IT	Location:	Daly City, CA	Page 1 of 1	
Driller:	Cascade	Date Drilled:	3/28/2018	Location Map	
Drilling Method:	Hand auger/Geoprobe	Hole Diameter:	2.5" OD		
Sampling Method:		Hole Depth:	16'		
	Hand auger 0-6.5 ft.				
	2.5" OD, 1.75" ID core barrel 6.5-16 ft.				
	▽ First Water Depth:				
	▼ Static Water Depth:				
Elevation:	Northing:	Easting:			

Boring Completion / Backfill	Static Water Level	Moisture Content	PID Reading (ppm)	Sample Identification	Depth (feet)	Sample Recovery	Sample Analyzed	Soil Type	LITHOLOGY / DESCRIPTION
Neat cement. 0 - 16 ft bgs									0 - 1 ft. Asphalt/Concrete
		Moist	1.6		1				1 - 6.5 ft. Poorly-graded sand (SP); Red/Brown fine to medium-grained sand; Trace gravel; Hand auger to 6.5 ft.
		Moist	1.0		2				
		Moist	2.0		3				
		Moist	1.7		4				
		Moist	2.1	SB-29 5-6.5'	5				
					6				
		Moist	1.7		7				6.5 - 16 ft. Same as above. Geoprobe to 16 ft.
		Moist	1.4		8				
					9				
		Moist	1.5	SB-29 10-12'	10				
					11				
		Moist	1.8		12				
					13				
		Moist	2.0	SB-29 14-16'	14				
					15				
					16				Boring terminated at 16 ft.
					17				
					18				
					19				
					20				
					21				
					22				

Project No:	00465EA181	Client:	BP	**Boring No: SB-30**	
Logged By:	IT, MP	Location:	Daly City, CA	Page 1 of 5	
Driller:	Cascade	Date Drilled:	5/4/2018	Location Map	
Drilling Method:		Hole Diameter:	8"		
Hand auger/Hollow-stem auger		Hole Depth:	110'		
Sampling Method:					
Hand auger 0-6.5'					
Hollow-stem auger 6.5-110'		▽ First Water Depth:			
Grab sample from core barrel (5 ft.)		▼ Static Water Depth:			
Elevation:		Northing:		Easting:	

Boring Completion: Backfill	Static Water Level	Moisture Content	PID Reading (ppm)	Sample Identification	Depth (feet)	Sample: Recovery	Sample: Analyzed	Soil Type	LITHOLOGY / DESCRIPTION
Neat cement. 0 - 110 ft bgs.					1				0 - 0.5 ft. Asphalt/Concrete.
									0.5 - 1 ft. Poorly graded gravel (GP); Coarse, dense.
									First non-engineered material.
					2				Poorly-graded sand (SP); Fine-grained sand; 7.5YR 5/4, brown.
					3				
					4				
					5				
					6				
					7				Blind drill 6.5-40 ft bgs.
					8				
					9				
					10				
					11				
					12				
					13				
					14				
					15				
					16				
					17				
					18				
					19				
					20				
					21				
					22				

Project No:	00465EA181	Client:	BP	**Boring No: SB-30**	
Logged By:	IT, MP	Location:	Daly City, CA	Page 2 of 5	
Driller:	Cascade	Date Drilled:	5/4/2018	Location Map	
Drilling Method:		Hole Diameter:	8"		
Hand auger/Hollow-stem auger		Hole Depth:	110'		
Sampling Method:					
Hand auger 0-6.5'					
Hollow-stem auger 6.5-110'		▽ First Water Depth:			
Grab sample from core barrel (5 ft.)		▼ Static Water Depth:			
Elevation:		Northing:		Easting:	

Boring Completion / Backfill	Static Water Level	Moisture Content	PID Reading (ppm)	Sample Identification	Depth (feet)	Sample Recovery	Sample Analyzed	Soil Type	LITHOLOGY / DESCRIPTION
Neat cement. 0 - 110 ft bgs.					23				Poorly-graded Sand (SP); 7.5YR 5/4, brown; 10% gravel.
					24				
					25				
					26				
					27				
					28				
					29				
					30				Fine-grained sand (SP); 7.5YR 5/4.
					31				
					32				
					33				
					34				
					35				
					36				
					37				
					38				(SP) Fine to medium-grained sand with silt; Coagulated;
					39				7.5 YR 3/3; dark brown.
			0.1		40				(SP) Fine sand with thin organic layer; 7.5YR 4/2, brown; Organic
					41				organic silt lens is 7.5YR 3/1, very dark gray; Trace gravel at top.
					42				
					43				
					44				

Project No:	00465EA181	Client:	BP	**Boring No: SB-30**	
Logged By:	IT, MP	Location:	Daly City, CA	Page 3 of 5	
Driller:	Cascade	Date Drilled:	5/4/2018	Location Map	
Drilling Method:		Hole Diameter:	8"		
Hand auger/Hollow-stem auger		Hole Depth:	110'		
Sampling Method:					
Hand auger 0-6.5'					
Hollow-stem auger 6.5-110'		▽ First Water Depth:	50 ft		
Grab sample from core barrel (5 ft.)		▼ Static Water Depth:			
Elevation:		Northing:		Easting:	

Boring Completion / Backfill	Static Water Level	Moisture Content	PID Reading (ppm)	Sample Identification	Depth (feet)	Sample Recovery	Sample Analyzed	Soil Type	LITHOLOGY / DESCRIPTION
Neat cement. 0 - 110 ft bgs.			0.1		45				(SP) Fine-grained sand and silty sand (SM) lenses; Sand is 7.5 YR 4/2, brown; Bits of dark greenish clay.
					46				
					47				
					48				
					49				
			0.1		50				(SM) Silty sand (fine-grained); 7.5YR 3/1, very dark gray; 50-50 sand-silt.
					51				
					52				
					53				
					54				
	▽				55				
			0		56				(SP) Fine-grained sand; Y.5YR 3/3, dark brown; Wet; Gray mottling in the sand.
					57				
					58				
					59				
		Wet	0.1		60				(SP) Fine to medium-grained sand; 7.5YR 3/3, dark brown; Wet; Brown mottling in the sand.
					61				
					62				
					63				
					64				
		Moist	0	SB-30-66	65				(CL) Dark greenish clay; Dense; High plasticity; Moist.
					66				

Project No:	00465EA181	Client:	BP	**Boring No: SB-30**	
Logged By:	IT, MP	Location:	Daly City, CA	Page 4 of 5	
Driller:	Cascade	Date Drilled:	5/4/2018	Location Map	
Drilling Method:		Hole Diameter:	8"		
Hand auger/Hollow-stem auger		Hole Depth:	110'		
Sampling Method:					
Hand auger 0-6.5'					
Hollow-stem auger 6.5-110'		First Water Depth:			
Grab sample from core barrel (5ft.)		Static Water Depth:			
Elevation:		Northing:		Easting:	

Boring Completion / Backfill	Static Water Level	Moisture Content	PID Reading (ppm)	Sample Identification	Depth (feet)	Sample: Recovery	Sample: Analyzed	Soil Type	LITHOLOGY / DESCRIPTION
Neat cement. 0 - 110 ft bgs.					67				
					68				Same as above (CL); Dark brownish green medium-grained sand
					69				sand interbedded within the clay.
		Moist			70				Same clay as above. Moist. 2" of interbedded sand.
			0.1		71				Clay. Dark greenish gray.
					72				(SP) Medium-grained sand. Dark greenish gray. Little silt-
					73				10Y 4/1.
					74				Noteable color change within the sand. 10Y 3/1, very dark greenish gray.
					75				
		Wet			76		X		Medium to fine-grained sand (SP); 10Y 3/1, very dark greenish
			0	SB-30-76	77		X		Same description as sand 3 ft above. Wet.
					78				
					79				
					80				
		Wet	9.2		81				Medium to fine-grained sand (SP); 10Y 3/1, very dark greenish gray.
			9.4	SB-30-81	82		X		
					83				Marked color and composition change. 10Y 4/1, dark greenish gray. Some clay content. 1" ribbon, high plasticity.
					84				
		Dry	3.7		85				(SP) Sand; 5YR 4/3, reddish brown; Dry.
					86				(SP) Sand; Dense; fine-grained; 10Y 4/1 dark greenish gray.
				SB-30-86	87		X		(SP) Medium-grained sand; 10Y 3/1, very dark greenish gray.
					88				

Project No: 00465EA181	Client: BP	**Boring No: SB-30**	
Logged By: IT, MP	Location: Daly City, CA	Page 5 of 5	
Driller: Cascade	Date Drilled: 5/4/2018	Location Map	
Drilling Method: Hand auger/Hollow-stem auger	Hole Diameter: 8"		
	Hole Depth: 110'		
Sampling Method: Hand auger 0-6.5'; Hollow-stem auger 6.5-110'; Grab sample from core barrel (5 ft.)	First Water Depth: / Static Water Depth:		
Elevation:	Northing:	Easting:	

Boring Completion / Backfill	Static Water Level	Moisture Content	PID Reading (ppm)	Sample Identification	Depth (feet)	Sample Recovery	Sample Analyzed	Soil Type	LITHOLOGY / DESCRIPTION
Neat cement. 0 - 110 ft bgs.					89				(SP) Color banding with fine-medium sand (0.5" thick bands). Reddish staining to the very dark green sand.
		Moist			90				Fine to medium-grained sand. 10Y 3/1, very dark greenish gray Moist, dense.
			1.7	SB-30-91	91		X		
					92		X		
					93				
					94				(SM) Silty sand; some silt (0.5" ribbons); low plasticity.
		Dry			95				(SP) Fine to medium-grained sand; 7.5YR 5/6, strong brown; dry; low density.
			0.2	SB-30-96	96		X		
					97		X		
					98				
		Dry			99				(SP) Fine-grained sand; 2.5YR 4/6, red. Little silt (ML; 0.5" ribbon). ribbon); Core sand disks about 1" thick; Dry.
					100				(SP) Fine-grained sand; 7.5YR 5/6, strong brown; Medium density; thinly laminated bedding throughout.
			1.1	SB-30-101	101		X		
					102		X		
					103				
					104				
			2.1	SB-30-105	105		X		(SP) Same as above.
					106		X		
					107				
					108				
					109				
			0.9	SB-30-110	110		X		Boring terminated at 110 ft.

antea group

Project No: **00465EA181** | Client: **BP** | **Boring No: SB-31**

Logged By: **JB/BP** | Location: **Daly City** | Page 1 of 2

Driller: **Gregg** | Date Drilled: **11/2/2018**

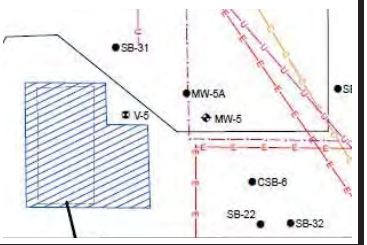
Drilling Method: **Direct Push** | Hole Diameter: 2.5 inches

Sampling Method: Single Tube w/Teflon Liner | Hole Depth: 40 feet

First Water Depth:

Static Water Depth:

Location Map

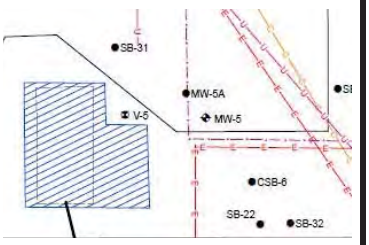


Elevation: | Northing: | Easting:

Boring Completion / Backfill	Static Water Level	Moisture Content	PID Reading (ppm)	Sample Identification	Depth (feet)	Sample Recovery	Sample Analyzed	Soil Type	LITHOLOGY / DESCRIPTION
									1' asphalt at surface
		Moist			1				Reddish-orange poorly graded fine grained sand with silt. Moist.
					2				
					3				
			0.8						
		Dry			4				
					5				
			1.4	SB-31-5					
			5.5		6				
		Dry	237		7				Color grading from reddish-orange to blue-grey mixed with yellow-brown, poorly graded fine grained sand with silt.
					8				
					9				
		Dry	1124	SB-31-10	10				Blue-grey, cemented; SAA
					11				
			4.4						Yellow-brown, loose; SAA
					12				
					13				
		Dry			14				SAA
					15				
			25	SB-31-15					
					16				
					17				
		Dry							Blue-grey, cemented, odor; SAA
			1407	SB-31-18	18				
					19				Slightly looser; SAA
					20				
			248	SB-31-20					
					21				
		Dry							Cemented; SAA
					22				

Project No: **00465EA181**	Client: **BP**	**Boring No: SB-31**
Logged By: **JB/BP**	Location: **Daly City**	Page 2 of 2
Driller: **Gregg**	Date Drilled: **11/2/2018**	
Drilling Method: **Direct Push**	Hole Diameter: 2.5 inches	
Sampling Method: Single Tube w/Teflon Liner	Hole Depth: 40 feet	
	First Water Depth:	
	Static Water Depth:	
Elevation:	Northing:	Easting:

Location Map



Boring Completion / Backfill	Static Water Level	Moisture Content	PID Reading (ppm)	Sample Identification	Depth (feet)	Sample Recovery	Sample Analyzed	Soil Type	LITHOLOGY / DESCRIPTION
		Dry	914		23				Yellow-brown and blue-grey poorly graded fine-grained sand with silt, cemented
					24				
		Dry	1073	SB-31-25	25				Strong odor; SAA
			392		26				Yellow, looser, no odor; SAA
					27				
		Dry	2850		28				Cemented, grading to blue-grey; SAA
					29				Blue-grey; SAA
		Dry	247	SB-31-30	30				Looser, yellow-brown, SAA
					31				
		Dry			32				SAA
					33				Blue-grey; SAA
					34				
		Dry	112	SB-31-35	35				Yellow-brown; SAA
					36				
		Dry			37				Grey-brown; SAA
					38				
		Dry			39				SAA
			33.2	SB-31-40	40				Boring Terminated at 40 feet below ground surface. Backfilled with grout.
					41				
					42				
					43				
					44				

antea group

Project No: **00465EA181** | Client: **BP** | **Boring No: SB-32**

Logged By: **JB/BP** | Location: **Daly City** | Page 1 of 2

Driller: **Gregg** | Date Drilled: **11/2/2018**

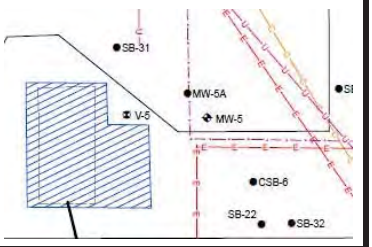
Drilling Method: **Direct Push** | Hole Diameter: 2.5 inches

Sampling Method: Single Tube w/Teflon Liner | Hole Depth: 40 feet

First Water Depth:

Static Water Depth:

Location Map

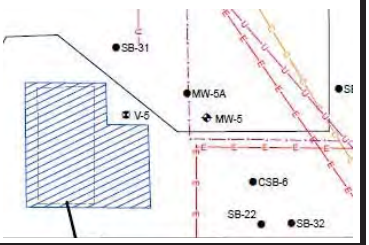


Elevation: | Northing: | Easting:

Boring Completion / Backfill	Static Water Level	Moisture Content	PID Reading (ppm)	Sample Identification	Depth (feet)	Sample Recovery	Sample Analyzed	Soil Type	LITHOLOGY / DESCRIPTION
									1' asphalt at surface
		Moist	280		1				Poorly graded fine-grained sand, blue-brown, moist, strong odor
			580		2				Yellow-brown, slightly more fines; SAA
			119	SB-32-3	3				
			163		4				
			322	SB-32-5	5				
		Dry			6				Dry; SAA
			165		7				
			237		8				SAA
		Dry			9				Blue-grey layer
			235	SB-32-10	10				No odor; SAA
					11				
					12				
					13				
					14				
		Dry			15				Some cementation; SAA
			4.4	SB-32-15	16				
					17				
			13.7		18				
					19				
		Dry			20				Grey; SAA
			7.4	SB-32-20	21				
					22				

Project No: **00465EA181**	Client: **BP**	**Boring No: SB-32**
Logged By: **JB/BP**	Location: **Daly City**	Page 2 of 2
Driller: **Gregg**	Date Drilled: **11/2/2018**	
Drilling Method: **Direct Push**	Hole Diameter: 2.5 inches	
Sampling Method: Single Tube w/Teflon Liner	Hole Depth: 40 feet	
	First Water Depth:	
	Static Water Depth:	
Elevation:	Northing:	Easting:

Location Map



Boring Completion / Backfill	Static Water Level	Moisture Content	PID Reading (ppm)	Sample Identification	Depth (feet)	Sample Recovery	Sample Analyzed	Soil Type	LITHOLOGY / DESCRIPTION
					23				
					24				
		Dry	542	SB-32-25	25				Poorly graded fine-grained sand, yellow-gray, dry, very dense, cemented, strong distinctly non-petrol like odor.
					26				
					27				
					28				
					29				
					30				SAA
		Dry	1122	SB-32-30					Very dense
					31				Blue-grey, very dense, very cemented; SAA
					32				
					33				Looser, yellow-brown, no odor
					34				
					35				
		Dry	6.5	SB-32-35					Grey, loose; SAA
					36				
					37				
					38				Cemented; SAA
					39				
		Dry	7.3	SB-32-40	40				SAA
									Boring Terminated at 40 feet below ground surface.
									Backfilled with grout.
					41				
					42				
					43				
					44				

PROJECT: **BP 0465**
LOCATION: **151 Southgate Ave. Daly City, CA**
PROJECT NUMBER: **211601098.402.3480**

MONITORING WELL IDENTIFICATION:
SV-1S / SV-1D

DRILLING / INSTALLATION:
STARTED: **6/7/11** COMPLETED: **6/7/11**
DRILLING COMPANY: **WDC**
DRILLING EQUIPMENT: **Hand Auger**
DRILLING METHOD: **Hand Auger**
SAMPLING EQUIPMENT: **Slide Hammer**

NORTHING (ft):
EASTING (ft):
LAT:
LONG:
GROUND ELEV (ft):
TOC ELEV (ft):
INITIAL DTW (ft): **Not Encountered**
WELL DEPTH (ft):
STATIC DTW (ft): **Not Encountered**
BOREHOLE DEPTH (ft): **10.0**
WELL CASING DIA. (in): **1/4**
BOREHOLE DIA. (in): **3**
LOGGED BY: **WS**
CHECKED BY: **JA**

Time & Depth (feet)	Graphic Log	USCS	Description	Sample	Time Sample ID	Measured Recov. (feet)	Blow Count	Headspace PID (units)	Depth (feet)	Well Construction
			Top 6 inches asphalt							8" traffic rated well box
5		SP	**SAND** ; SP; (10YR, 5/6) yellowish brown; fine-grained; loose; moist; no odor; no staining; poorly graded; (0, 100, 0)						5	Neat cement seal 1/4-inch Nyla-Flow tube Hydrated bentonite seal No. 3 sand 6-inch sample point Hydrated bentonite seal 6-inch sample point No. 3 sand
10			As above; faint odor Borehole terminated at 10 feet.						10	

GEO FORM 304 V-9 V-10 MW-10 MW-12 6.27.11.GPJ STANTEC ENVIRO TEMPLATE 010509.GDT 1/24/12

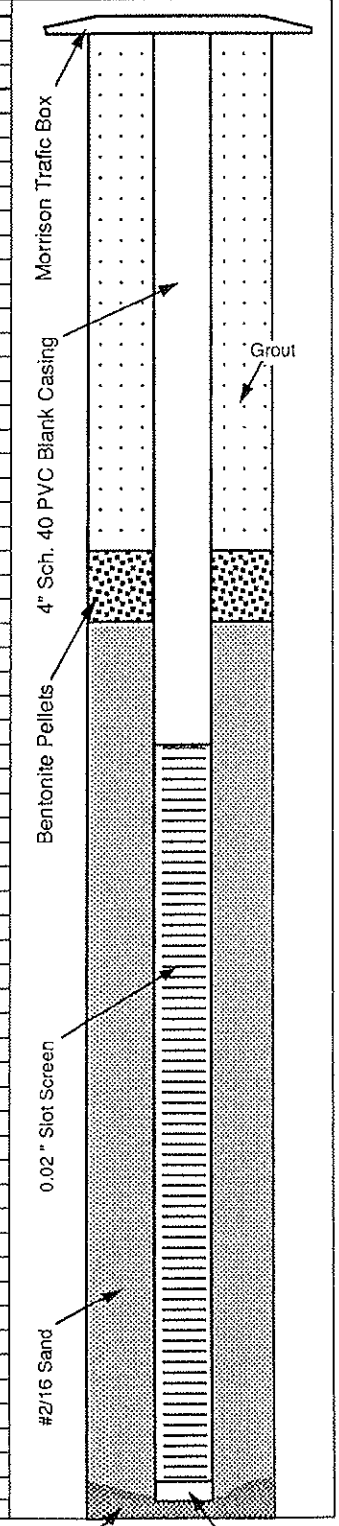
Project: **ARCO Service Station # 465**			Log of Boring/ Monitoring Well: **V-1** Page 1 of 1
Boring Location: **151 Southgate Ave., Daly City, CA**		Project No.: **50013-013-01**	
Subcontractor and Equipment: Baylands Drilling / CME 75		Logged By : SES/DEO	
Sampling Method: California Split Spoon	Monitoring Device: OVM 580		Comments :
Start Date/ Time: 3/17/92 // 1300	Finish Date/ Time: 3/17/92 // 1500		
First Water (BGS) : -	Stabilized Water Level (BGS) : -		

Surface Elevation: 102.33 Feet Casing Top Elevation: 101.86 Feet

Sample Number	Blows/foot	PID (ppm)	Depth (feet)	USCS Symbol	LITHOLOGIC DESCRIPTION
			0		Asphalt / Base Rock
			1		
			2		REDDISH BROWN SAND (SP), fine-grained, medium dense, moist, with trace silt
			3		
			4		
12/12	26	26	5		Color grades gray, slight chemical odor
			6		
			7		
			8		
			9		
12/12	29	68	10		
			11		
			12		
			13		
			14		
12/12	39	56	15		Grades dense
			16		
			17		
			18		
			19		
12/12	47	564	20		Color grades to grayish brown, strong chemical odor
			21		
			22		
			23		
			24		
12/12	53	369	25		Grades very dense
			26		
			27		
			28		
			29		
12/12	50	312	30		
			31		

NOTES:
Boring completed to a depth of 31.0 feet below ground surface on 3/17/92.
Vapor extraction well installed on 3/17/92 as follows:
4-inch Schedule 40 PVC with 0.02-inch slots 30.5 - 15 feet.
4-inch Schedule 40 PVC blank casing 15 feet to surface.
#2/16 sand 30.5 - 12.5 feet.
Bentonite pellets 12.5 - 11 feet.
Cement-bentonite grout 11 feet to surface.
Morrison traffic box at surface.

Boring Abandonment/ Well Construction Details



SEACOR

Reviewed by: _____ Date: _____

Revised by: _____ Date: _____

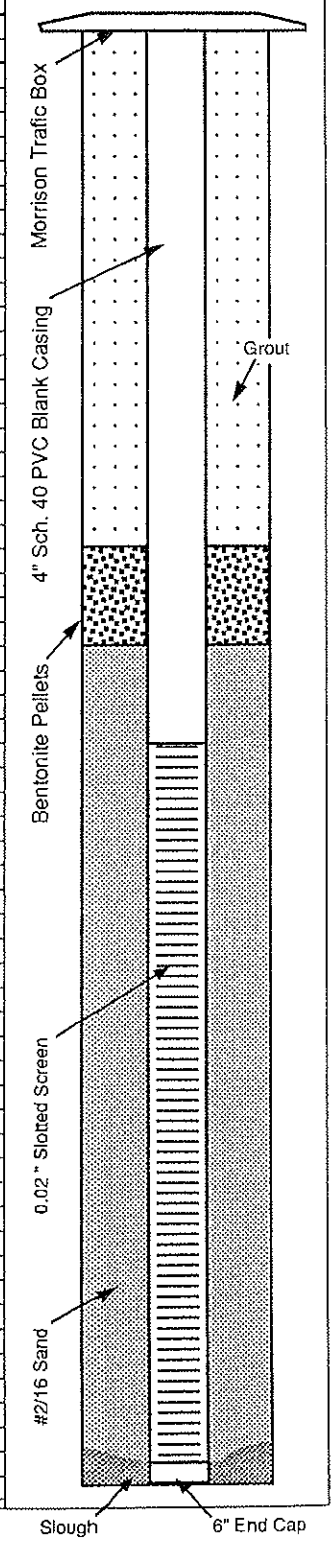
Project: **ARCO Service Station # 465**			Log of Boring/ Monitoring Well: **V-2** Page 1 of 1
Boring Location: **151 Southgate Ave., Daly City, CA**		Project No.: **50013-013-01**	
Subcontractor and Equipment: Baylands Drilling / CME 75		Logged By : DEO	
Sampling Method: California Split Spoon	Monitoring Device: OVM 580		Comments :
Start Date/ Time: 3/19/92 // 1030	Finish Date/ Time: 3/19/92 // 1200		
First Water (BGS) : -	Stablized Water Level (BGS) : -		

Surface Elevation: 99.53 Feet Casing Top Elevation: 99.22 Feet

Sample Number	Blows/foot	PID (ppm)	Depth (feet)	USCS Symbol	LITHOLOGIC DESCRIPTION
			0		Asphalt / Base Rock
12/12	26	9	5		MOTTLED BROWN AND GRAY SAND (SP), fine-grained, medium dense, with trace silt
12/12	34	17	10		Grades dense with slight chemical odor
12/12	40	539	15		Grades with strong chemical odor
12/12	39	521	20		Color grades primarily brown with minor gray mottling
12/12	45	472	25		
12/12	57	163	30		Grades very dense

NOTES:
Boring completed to a depth of 30.5 feet below ground surface on 3/19/92.
Vapor extraction well installed on 3/19/92 as follows:
4-inch Schedule 40 PVC with 0.02-inch slots 30.5 - 15 feet.
4-inch Schedule 40 PVC blank casing 15 feet to surface.
#2/16 sand 30.5 - 13 feet.
Bentonite pellets 13 - 11 feet.
Cement-bentonite grout 11 feet to surface.
Morrison traffic box at surface.

Boring Abandonment/ Well Construction Details



SEACOR

Reviewed by: _____ Date: _____

Revised by: _____ Date: _____

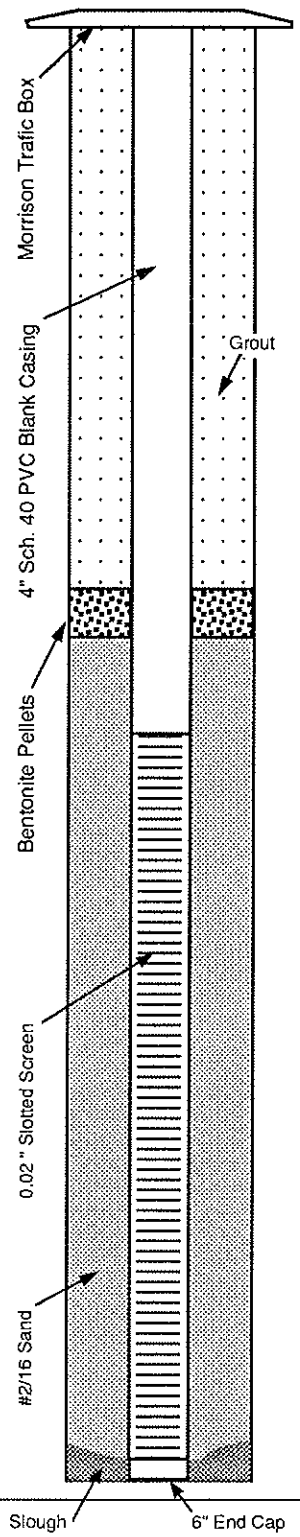
Project: **ARCO Service Station # 465**			Log of Boring/ Monitoring Well: **V-3** Page 1 of 1
Boring Location: **151 Southgate Ave., Daly City, CA**		Project No.: **50013-013-01**	
Subcontractor and Equipment: Baylands Drilling / CME 75		Logged By : SES	
Sampling Method: California Split Spoon	Monitoring Device: OVM 580		Comments :
Start Date/ Time: 3/17/92 // 0900	Finish Date/ Time: 3/17/92 // 1100		
First Water (BGS) : -	Stabilized Water Level (BGS) : -		

Surface Elevation: 101.00 Feet Casing Top Elevation: 100.69 Feet

Sample Number	Blows/foot	PID (ppm)	Depth (feet)	USCS Symbol	LITHOLOGIC DESCRIPTION
			0		Asphalt / Base Rock
12/12	27	34	5		GRAY SAND (SP), fine-grained, medium dense, moist, with trace silt and minor reddish-brown mottling, slight chemical odor
12/12	36	142	10		Color grades reddish brown Grades dense with strong chemical odor
12/12	34	302	15		
12/12	42	316	20		Minor gray mottling
			24		Grades very dense
12/12	63	497	25		
12/12	44	34	30		Grades with decreasing odor

NOTES:
Boring completed to a depth of 31.0 feet below ground surface on 3/17/92.
Vapor extraction well installed on 3/17/92 as follows:
4-inch Schedule 40 PVC with 0.02-inch slots 30.5 - 15 feet.
4-inch Schedule 40 PVC blank casing 15 feet to surface.
#2/16 sand 30.5 - 13 feet.
Bentonite pellets 13 - 12 feet.
Cement-bentonite grout 12 feet to surface.
Morrison traffic box at surface.

Boring Abandonment/ Well Construction Details



SEACOR

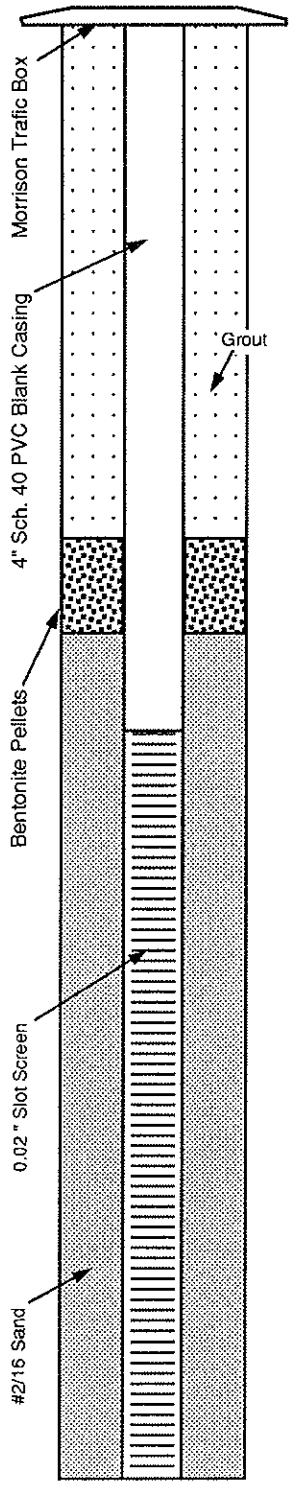
Reviewed by: _____ Date: _____
Revised by: _____ Date: _____

Project: **ARCO Service Station # 465**			Log of Boring/ Monitoring Well: **V-4** Page 1 of 3
Boring Location: **151 Southgate Ave., Daly City, CA**		Project No.: **50013-013-01**	
Subcontractor and Equipment: Baylands Drilling / CME 75		Logged By : SES	
Sampling Method: California Split Spoon	Monitoring Device: OVM 580		Comments :
Start Date/ Time: 3/26/92 // 0830	Finish Date/ Time: 3/26/92 // 1300		
First Water (BGS) : -	Stabilized Water Level (BGS) : -		

Surface Elevation: 103.74 Feet Casing Top Elevation: 103.16 Feet

Sample Number	Blows/foot	PID (ppm)	Depth (feet)	USCS Symbol	LITHOLOGIC DESCRIPTION
			0		Asphalt / Base Rock
12/12	21	0	4		BROWNISH YELLOW SAND (SP), fine-grained, medium dense, moist, with trace silt
12/12	13	0	9		
12/12	33	4	14		Grades dense
12/12	44	233	19		Grades with strong chemical odor
12/12	44	121	24		Minor reddish brown staining
12/12	64	229	29		Grades very dense

Boring Abandonment/ Well Construction Details



SEACOR

Reviewed by: _____ Date: _____

Revised by: _____ Date: _____

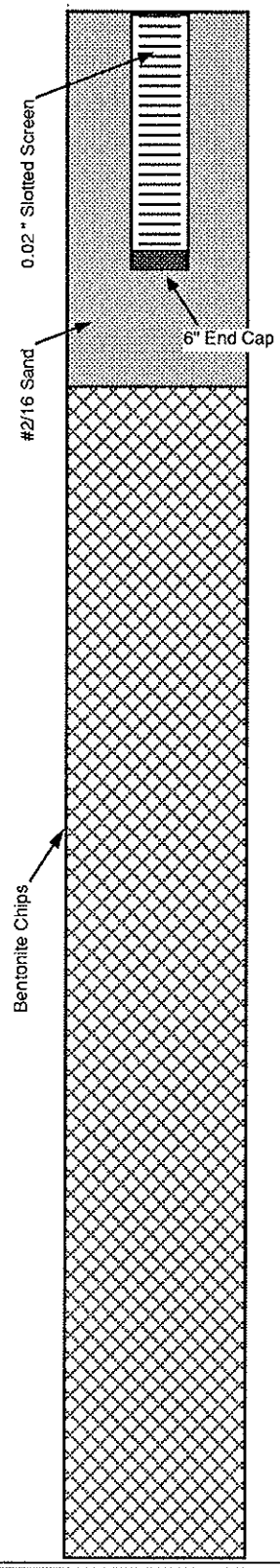
Project: **ARCO Service Station # 465**

Boring Location: **151 Southgate Ave., Daly City, CA** Project No.: **50013-013-01**

Log of Boring Monitoring Well: **V-4**

Sample Interval/ Recovery, inches	Blows/foot	PID (ppm)	Depth (feet)	USCS Symbol	LITHOLOGIC DESCRIPTION
12/12	51	1	34–35		BROWN SAND (SP), fine-grained, very dense, moist, with trace silt, grades with trace chemical odor
12/12	58	6	39–40		
12/12	80	38	44–45		
12/12	58	7	49–50		Grades with minor thin silt horizons and reddish brown staining
12/12	76	153	54–55		
12/12	48	37	59–60		BROWISH YELLOW SANDY CLAY (CL), very stiff, dry, with black organic fragments

Boring Abandonment/ Well Construction Details



SEACOR

Reviewed by: _____ Date: _____

Revised by: _____ Date: _____

Project: **ARCO Service Station # 465**

Boring Location: **151 Southgate Ave., Daly City, CA** | Project No.: **50013-013-01**

Log of Boring Monitoring Well: **V-4**

Sample Interval/ Recovery, inches	Blows/foot	PID (ppm)	Depth (feet)	USCS Symbol	LITHOLOGIC DESCRIPTION	Boring Abandonment/ Well Construction Details
12/12	63	11	63 64 65		BROWNISH YELLOW SAND (SP), fine grained, very dense, moist	Bentonite Chips

NOTES:

Boring completed to a depth of 65 feet below ground surface on 3/26/92.
Boring backfilled to 38 feet with bentonite chips.
Vapor extraction well installed on 3/26/92 as follows:
4-inch Schedule 40 PVC with 0.02-inch slots and end cap 35.5 - 15 feet.
4-inch Schedule 40 PVC blank casing 15 feet to surface.
#2/16 sand 38 - 13 feet.
Bentonite pellets 13 - 11 feet.
Cement-bentonite grout 11 feet to surface.
Morrison traffic box at surface.

SEACOR

Reviewed by: _____ Date: _____

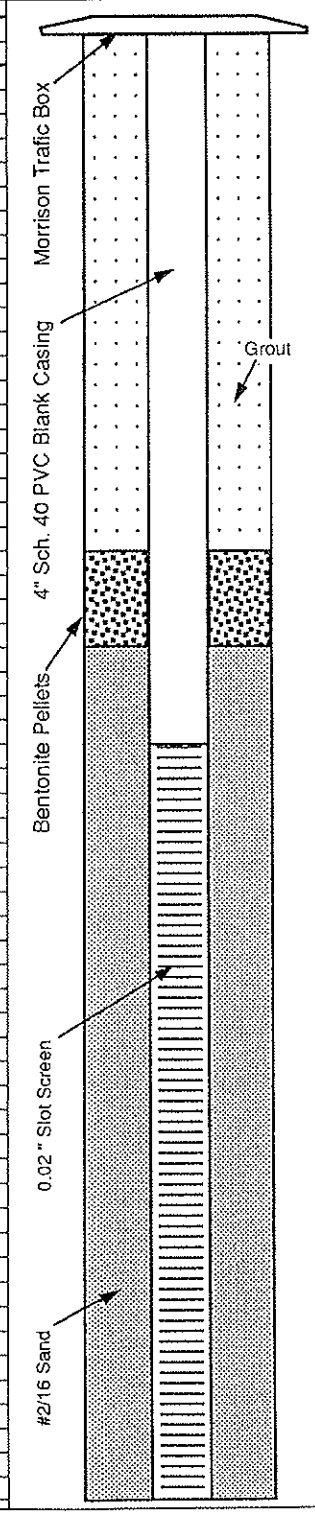
Revised by: _____ Date: _____

Project: **ARCO Service Station # 465**			Log of Boring/ Monitoring Well: **V-5** Page 1 of 3
Boring Location: **151 Southgate Ave., Daly City, CA**		Project No.: **50013-013-01**	
Subcontractor and Equipment: Baylands Drilling / CME 75		Logged By : SES	
Sampling Method: California Split Spoon	Monitoring Device: OVM 580		Comments :
Start Date/ Time: 3/18/92 // 0830	Finish Date/ Time: 3/18/92 // 1700		
First Water (BGS) : -	Stabilized Water Level (BGS) : -		

Surface Elevation: 103.76 Feet Casing Top Elevation: 103.43 Feet

Sample Number	Blows/foot	PID (ppm)	Depth (feet)	USCS Symbol	LITHOLOGIC DESCRIPTION
			0		Asphalt / Base Rock
			1–3		GRAY SAND (SP), fine-grained, medium dense, moist
12/12	25	575	4–5		Grades with strong chemical odor
			6–8		
12/12	36	552	9–10		Color grades to reddish brown
			11–13		
12/12	38	388	14–15		
			16–18		
12/12	38	179	19–20		Grades with trace clay and silt
			21–23		
12/12	50	111	24–25		
			26–28		
12/12	46	425	29–30		Color grades to brown

Boring Abandonment/ Well Construction Details



SEACOR

Reviewed by: _____ Date: _____

Revised by: _____ Date: _____

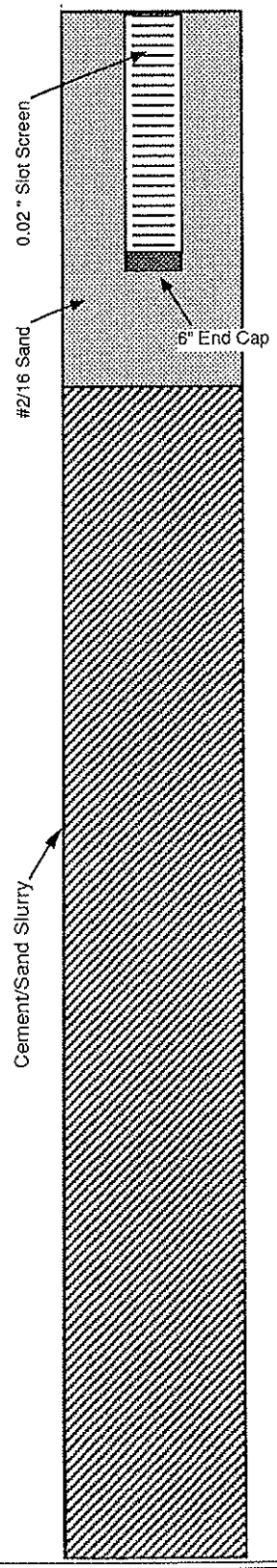
Project: **ARCO Service Station # 465**

Boring Location: **151 Southgate Ave., Daly City, CA** | Project No.: **50013-013-01**

Log of Boring Monitoring Well: **V-5**

Sample Interval/ Recovery, inches	Blows/foot	PID (ppm)	Depth (feet)	USCS Symbol	LITHOLOGIC DESCRIPTION
12/12	63	242	34–35		BROWN SAND (SP), fine-grained, very dense, moist
12/12	55	113	39–40		
12/12	49	129	44–45		Grades less dense
12/12	28	109	49–50		Grades with reddish-brown mottling
12/12	40	77	54–55		
12/12	29	127	59–60		DARK BROWN SILTY SAND/SANDY SILT (SM/ML), fine-grained, dense, with clay

Boring Abandonment/ Well Construction Details



SEACOR

Reviewed by: _____ Date: _____

Revised by: _____ Date: _____

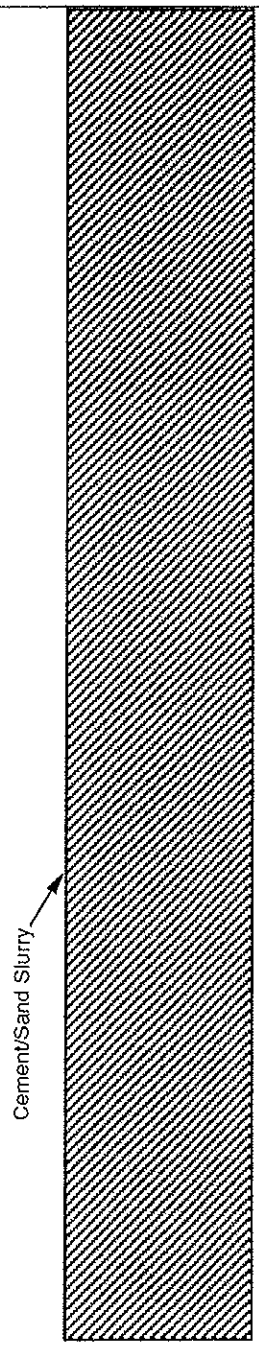
Project: **ARCO Service Station # 465**

Boring Location: **151 Southgate Ave., Daly City, CA** | Project No.: **50013-013-01**

Log of Boring Monitoring Well: **V-5**

Sample Interval/ Recovery, inches	Blows/foot	PID (ppm)	Depth (feet)	USCS Symbol	LITHOLOGIC DESCRIPTION
			63		DARK BROWN SANDY SILT (ML), grades with decreasing chemical odor
12/12	63	24	64–65		
			65		REDDISH BROWN SAND (SP), fine-grained, very dense, moist, with trace silt
			66–68		
12/12	61	17	69–70		
			71–73		
12/12	58	10	74–75		
			76–78		
12/12	61	62	79–80		
			81–83		
12/12	77	16	84–85		
			86–88		
12/12	72	16	89–90		

Boring Abandonment/ Well Construction Details



NOTES:

Boring completed to a depth of 90 feet below ground surface on 3/18/92.
Borehole backfilled to 38 feet with cement-sand slurry.
Vapor extraction well installed on 3/19/92 as follows:
4-inch Schedule 40 PVC with 0.02-inch slots and end cap 35.5 - 15 feet.
4-inch Schedule 40 PVC blank casing 15 feet to surface.
#2/16 sand 38 - 13 feet.
Bentonite pellets 13 - 11 feet.
Grout 11 feet to surface.
Morrison traffic box at surface.

SEACOR

Reviewed by: _____ Date: _____

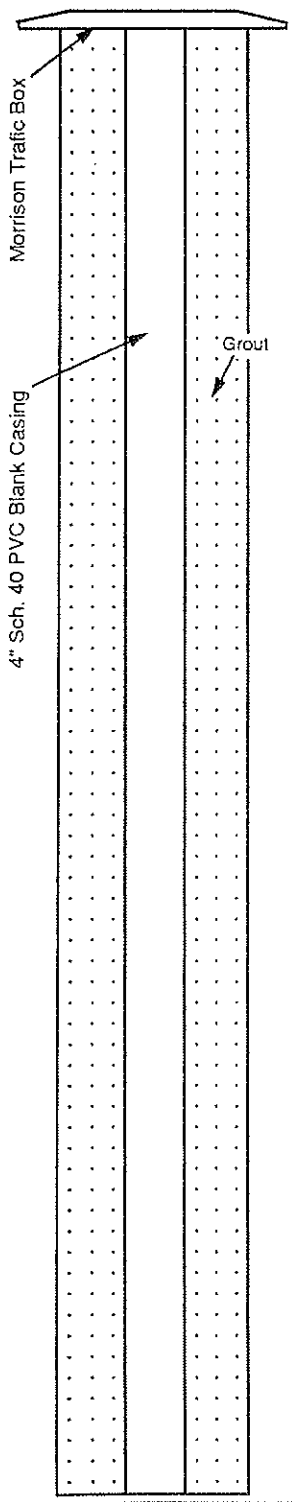
Revised by: _____ Date: _____

Project: **ARCO Service Station # 465**			Log of Boring/ Monitoring Well: **V-6** Page 1 of 3
Boring Location: **151 Southgate Ave., Daly City, CA**		Project No.: **50013-013-01**	
Subcontractor and Equipment: Baylands Drilling / CME 75		Logged By : SES	
Sampling Method: California Split Spoon	Monitoring Device: OVM 580		Comments :
Start Date/ Time: 3/27/92	Finish Date/ Time: 3/31/92 // 1300		
First Water (BGS) : -	Stabilized Water Level (BGS) : -		

Surface Elevation: 103.23 Feet Casing Top Elevation: 102.86 Feet

Sample Number	Blows/foot	PID (ppm)	Depth (feet)	USCS Symbol	LITHOLOGIC DESCRIPTION
			0		Asphalt / Road Base
			1		BROWNISH YELLOW SAND (SP), fine-grained, dense, moist, trace silt
			2		
			3		
			4		
12/12	48	0	5		Color grades to greenish gray
			6		
			7		
			8		
			9		
12/12	43	17	10		Grades with slight chemical odor
			11		
			12		
			13		
			14		
12/12	43	92	15		Grades brown, very dense
			16		
			17		
			18		
			19		
12/12	50	458	20		Grades with strong odor
			21		
			22		
			23		
			24		
12/12	50	326	25		
			26		
			27		
			28		
			29		
12/12	67	386	30		

Boring Abandonment/ Well Construction Details



SEACOR

Reviewed by: _____ Date: _____

Revised by: _____ Date: _____

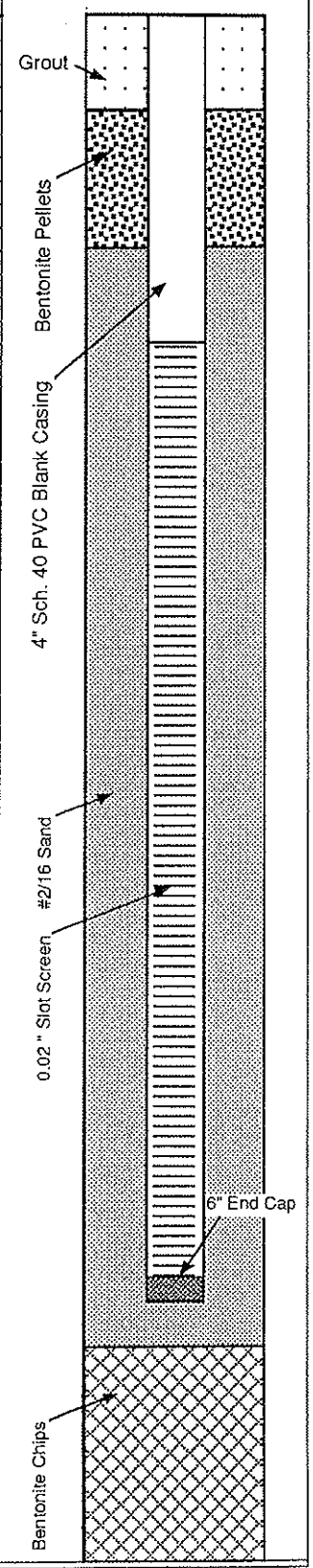
Project: **ARCO Service Station # 465**

Boring Location: **151 Southgate Ave., Daly City, CA** | Project No.: **50013-013-01**

Log of Boring Monitoring Well: **V-6**

Sample Interval/ Recovery, inches	Blows/foot	PID (ppm)	Depth (feet)	USCS Symbol	LITHOLOGIC DESCRIPTION
12/12	67	386	30–31		BROWN SAND (SP), fine-grained, very dense, moist
12/12	68	268	35		
12/12	70	234	40		Reddish brown staining appears
12/12	80	27	45		Thin, dark, horizontal banding appears, grades with decreasing odor
11/11	82/11	119	50		Grades with increasing odor
12/12	68	134	55		
12/12	53	18	60		YELLOWISH RED SANDY SILT (ML), very stiff, dry, grades with decreasing odor
12/12	-	20	61		
12/12	-	17	62–63		BROWNISH YELLOW SAND (SP), fine-grained, very dense, moist, with trace silt

Boring Abandonment/ Well Construction Details



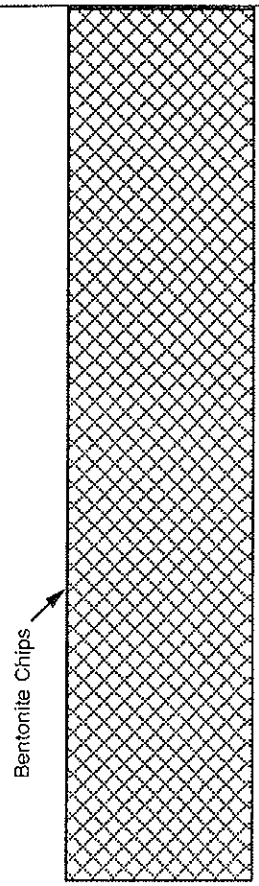
SEACOR

Reviewed by: _____ Date: _____

Revised by: _____ Date: _____

Project: ARCO Service Station # 465		Log of Boring Monitoring Well:	Page 3 of 3
Boring Location: 151 Southgate Ave., Daly City, CA	Project No.: 50013-013-01		V-6

Sample interval/ Recovery, inches	Blows/foot	PID (ppm)	Depth (feet)	USCS Symbol	LITHOLOGIC DESCRIPTION	Boring Abandonment/ Well Construction Details
			63		BROWNISH YELLOW SAND (SP), fine-grained, very dense, moist, with trace silt	
			64			
12/12	62	12	65			
			66			
			67			
			68			
			69			
12/12	64	18	70			
			71			
			72			
			73			
			74			
12/12	58	0	75			
			76			
			77			
			78			
			79			
12/12	71	0	80			



NOTES:
Boring completed to a depth of 80.5 feet below ground surface on 3/31/92.
Borehole backfilled to 58.5 feet with bentonite chips.
Vapor extraction well installed on 3/31/92 as follows:
4-inch Schedule 40 PVC with 0.02-inch slots and end cap 57.5 - 37 feet.
4-inch Schedule 40 PVC blank casing 37 feet to surface.
#2/16 sand 58.5 - 35 feet.
Bentonite pellets 35 - 32 feet.
Cement-bentonite grout 32 feet to surface.
Morrison traffic box at surface.

SEACOR

Reviewed by: _____ Date: _____

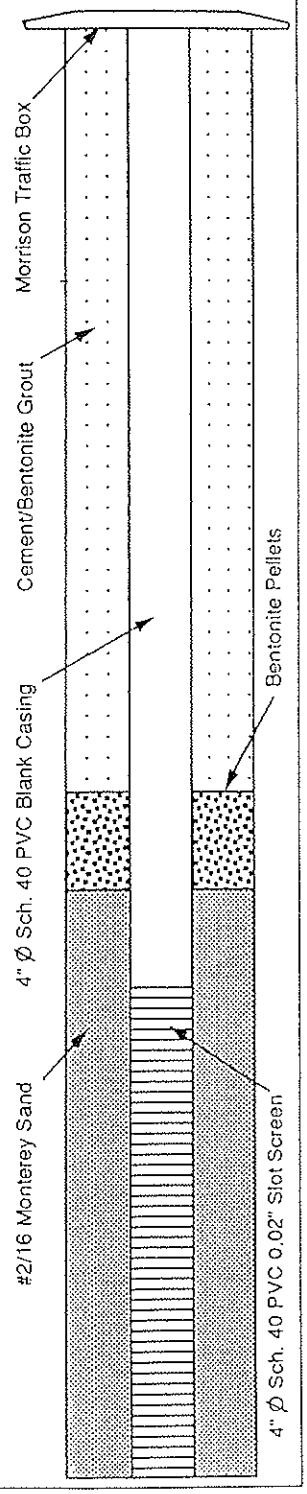
Revised by: _____ Date: _____

Project: ARCO Service Station # 465			Log of Boring/ Monitoring Well: V-7 — Page 1 of 3
Boring Location: 151 Southgate Ave., Daly City, CA		Project No.: 50013-013-02	
Subcontractor and Equipment: Baylands Drilling / CME 75		Logged By : DWM	
Sampling Method: California Split Spoon	Monitoring Device: OVM 580 B		Comments :
Start Date/ Time: 7/22/92 // 0830	Finish Date/ Time: 7/22/92 // 1415		
First Water (BGS) : NA	Stabilized Water Level (BGS) : NA		

Surface Elevation: 101.13 Feet Casing Top Elevation: NA

Sample Number	Blows/foot	PID (ppm)	Depth (feet)	USCS Symbol	LITHOLOGIC DESCRIPTION
			0		Asphalt
			1		Baserock
			2		Asphalt
			3		
			4		
V-7-1	45	0	5		BROWNISH YELLOW SAND (SP), fine to very fine-grained, dense, dry, some iron staining, (0,100,0,0)
			6		
			7		
			8		
			9		
V-7-2	60	0	10		Grades very dense
			11		
			12		
			13		
			14		
V-7-3	79	3	15		Grades light yellowish brown with slight chemical odor
			16		
			17		
			18		
			19		
V-7-4	73	8	20		Grades with minor silt size material
			21		
			22		
			23		
			24		
V-7-5	86/5	193	25		Grades with moderate chemical odor
			26		
			27		
			28		
			29		
V-7-6	71	102	30		

Boring Abandonment/ Well Construction Details



SEACOR

Reviewed by: [signature] Date: 12-8-92

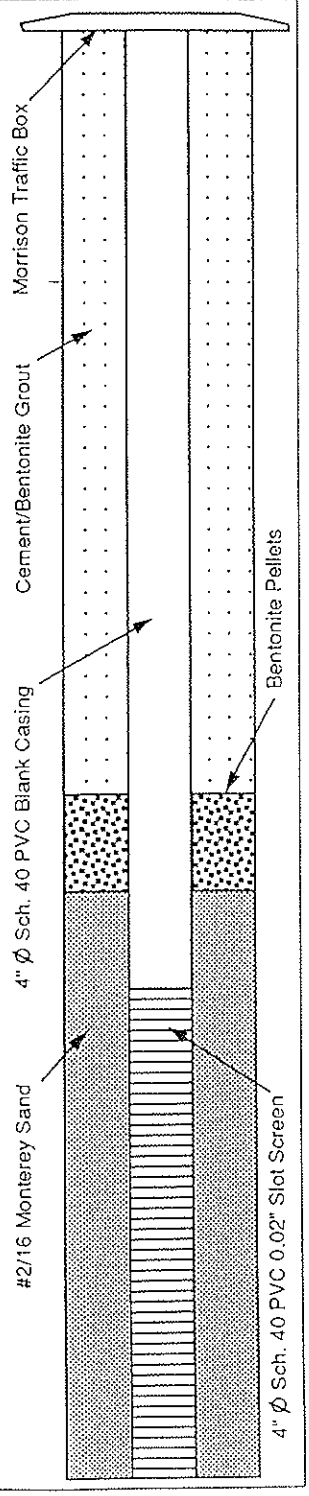
Revised by: [signature] Date:

Project: ARCO Service Station # 465			Log of Boring/ Monitoring Well: V-7 — Page 1 of 3
Boring Location: 151 Southgate Ave., Daly City, CA		Project No.: 50013-013-02	
Subcontractor and Equipment: Baylands Drilling / CME 75		Logged By : DWM	
Sampling Method: California Split Spoon	Monitoring Device: OVM 580 B		Comments :
Start Date/ Time: 7/22/92 // 0830	Finish Date/ Time: 7/22/92 // 1415		
First Water (BGS) : NA	Stabilized Water Level (BGS) : NA		

Surface Elevation: 101.13 Feet Casing Top Elevation: NA

Sample Number	Blows/foot	PID (ppm)	Depth (feet)	USCS Symbol	LITHOLOGIC DESCRIPTION
			0		Asphalt
			1		
			2		Asphalt
			3		
			4		
V-7-1	45	0	5		BROWNISH YELLOW SAND (SP), fine to very fine-grained, dense, dry, some iron staining, (0,100,0,0)
			6		
			7		
			8		
			9		
V-7-2	60	0	10		Grades very dense
			11		
			12		
			13		
			14		
V-7-3	79	3	15		Grades light yellowish brown with slight chemical odor
			16		
			17		
			18		
			19		
V-7-4	73	8	20		Grades with minor silt size material
			21		
			22		
			23		
			24		
V-7-5	86/5	193	25		Grades with moderate chemical odor
			26		
			27		
			28		
			29		
V-7-6	71	102	30		

Boring Abandonment/ Well Construction Details



SEACOR

Reviewed by: [signature] Date: 12-8-92

Revised by: Date:

Project: ARCO Service Station # 465

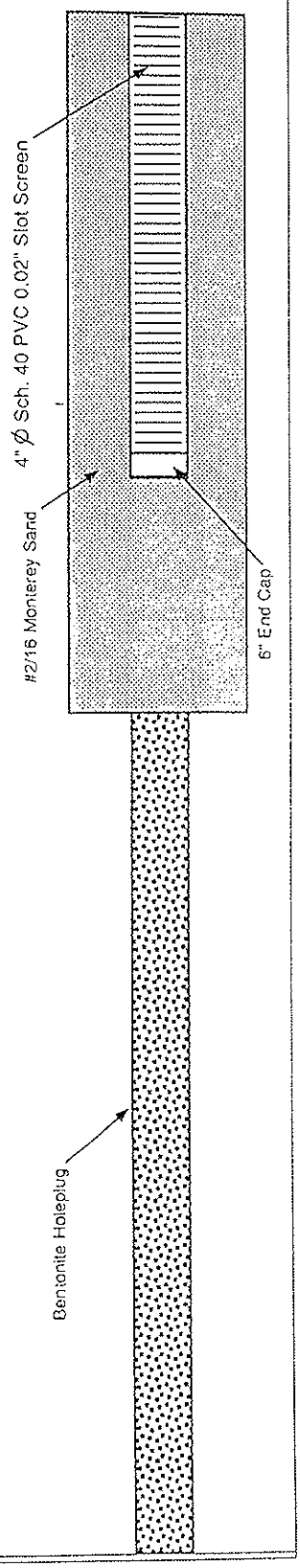
Boring Location: 151 Southgate Ave., Daly City, CA

Project No.: 50013-013-02

Log of Boring Monitoring Well: V-7

Sample Number	Blows/foot	PID (ppm)	Depth (feet)	USCS Symbol	LITHOLOGIC DESCRIPTION
			30		YELLOW-BROWN SAND (SP), fine-to medium-grained, very dense, dry, moderate chemical odor (0,100,0,0)
			31		
			32		
			33		
			34		
V-7-7	74/11"	38	35		
			36		
			37		
			38		
			39		
V-7-8	69	28	40		
			41		
			42		
			43		
			44		Grades grayish brown, moist, with silt-sized material
V-7-9	86	8	45		
			46		
			47		
			48		
			49		
V-7-10	70	5	50		Grades light yellowish brown with iron staining
			51		
			52		
			53		
			54		
V-7-11	86/11"	21	55		
			56		
			57		
			58		
			59		REDDISH BROWN SANDY SILT (ML), minor clay, very fine-grained sand, very dense. moist, (0,35,55,10)
V-7-12	56	0	60		
			61		
			62		
			63		

Boring Abandonment/ Well Construction Details



SEACOR

Reviewed by: Dan D Ritchie Date: 12-8-92

Revised by: Date:

Project: ARCO Service Station # 465

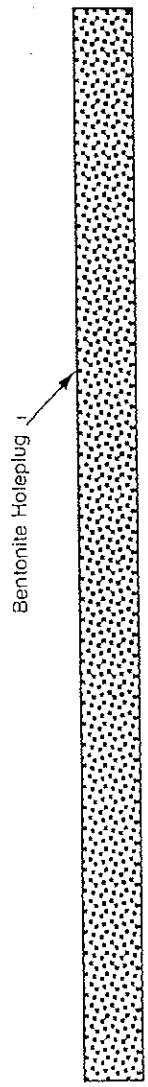
Boring Location: 151 Southgate Ave., Daly City, CA

Project No.: 50013-013-02

Log of Boring Monitoring Well: V-7

Sample Number	Blows/foot	PID (ppm)	Depth (feet)	USCS Symbol	LITHOLOGIC DESCRIPTION
V-7-13	92	0	63–85		YELLOWISH BROWN SAND (SP), fine-grained, very dense, dry-moist, minor granular material, (5,95,0,0)
V-7-14	72	0			
V-7-15	82	0*			
V-7-16	64/10"	0			
V-7-17	71/11"	0			

Boring Abandonment/ Well Construction Details



NOTES:
Boring completed to a depth of 85.0 feet below ground surface on 7/22/92.
Vapor monitoring well installed on 7/22/92 as follows:
Hole backfilled with bentonite holeplug 85-45 feet;
4-inch diameter sch. 40 PVC 0.020 inch slot screen 40-20 feet;
4-inch diameter sch. 40 PVC blank casing 20 feet-surface;
Monterey sand #2/16 45-18 feet;
Bentonite pellets 18-16 feet;
Cement/bentonite grout 16 feet-surface;
Morrison-traffic box at surface.

Percentage of soil types shown in this order:

(10,20,30,40)

Gravel, sand, silt, clay

SEACOR

Reviewed by: [signature] Date: 12-8-92

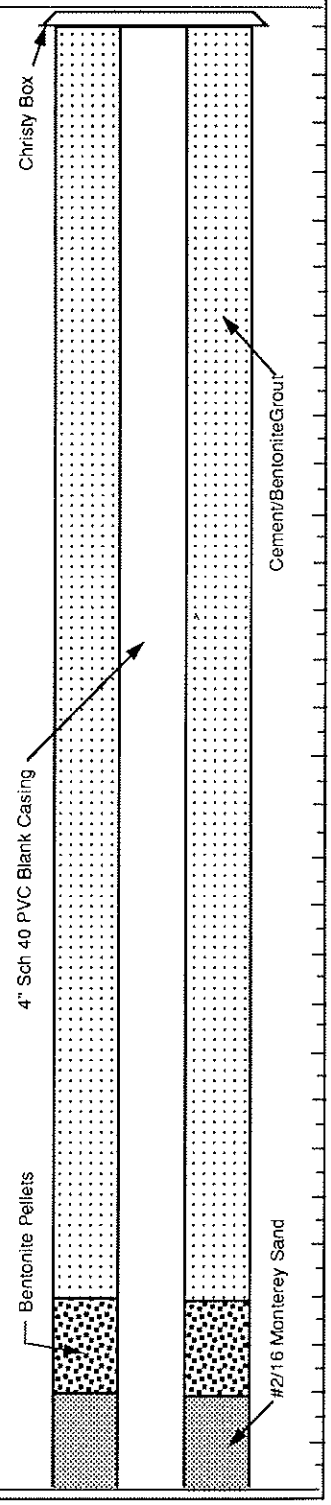
Revised by: Date:

Project: **ARCO Service Station #465, 151 Southgate Ave., Daly City, CA**		Log of Boring/Monitoring Well:	Page 1 of 3
Boring Location: **South of UST Complex**	Project No.: **50013-013-07**	**V-8**	
Subcontractor and Equipment:: Great Sierra Exploration CME 75	Logged By : K.N.H.		
Sampling Method: Continuous Core	Monitoring Device: OVM 580B	Comments :	
Start Date/ Time: 5/19/93 // 0830	Finish Date/ Time: 5/19/93 // 1400		
First Water (BGS) : NA	Stabilized Water Level (BGS) : NA		

Surface Elevation: NM Casing Top Elevation: NM

Sample Number	Blows/foot	PID (ppm)	Depth (feet)	USCS Symbol	LITHOLOGIC DESCRIPTION
	Hand Auger		0–5		Asphalt/Baserock DARK YELLOWISH BROWN (10 YR 4/2) SAND (SP) (Fill), medium-grained, loose, dry to moist, brick and rock fragments (10,90,0,0)
V-8-5	—	>1,000	5–9		DARK YELLOWISH BROWN (10 YR 4/2) SANDY GRAVEL (GP) (Fill), fine, loose, dry to moist, rounded to sub-rounded gravel, with fine-grained sand (90,10, 0, 0)
V-8-10	—	>1,000	9–15		DUSKY YELLOWISH GREEN (5 GY 5/2) GRAVEL (GW) (Fill), fine, loose, moist, rounded to subrounded gravel, chemical odor, (0, 100, 0, 0)
V-8-16	—	95	15–30		DARK YELLOWISH BROWN (10 YR 4/2) SAND, (SP) (Fill), medium-grained, trace fine-grained sand, medium dense, dry to moist, chemical odor (0, 100, 0, 0)
V-8-21	—	500			
V-8-26	—	>1,000			

Boring Abandonment/ Well Construction Details



SEACOR

Reviewed by: _____ Date: _____

Revised by: _____ Date: _____

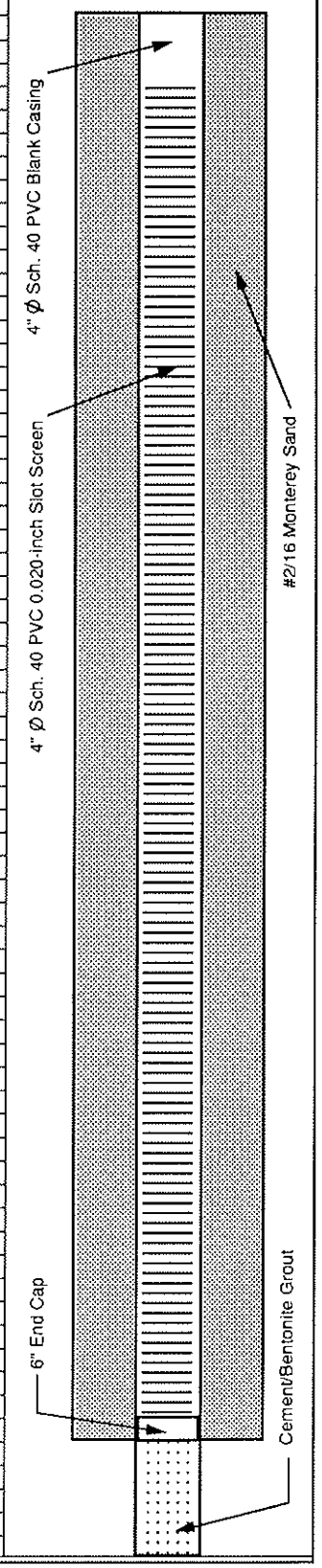
Project: **ARCO Service Station #465, 151 Southgate Ave., Daly City, CA**

Boring Location: **South of UST Complex** | Project No.: **50013-013-07**

Log of Boring/Monitoring Well: **V-8**

Sample Number	Blows/foot	PID (ppm)	Depth (feet)	USCS Symbol	LITHOLOGIC DESCRIPTION
			30		DARK YELLOWISH BROWN (10 YR 4/2) SAND (SP), medium-grained, trace fine-grained sand, medium dense, dry to moist, chemical odor (0, 100, 0, 0)
V-8-31	—	>1,000	31		
			32		
			33		
			34		
V-8-35	—	322	35		
			36		
			37		
			38		
			39		
V-8-40	—	390	40		
			41		
			42		
			43		
			44		
V-8-45	—	276	45		
			46		
			47		
			48		
			49		
V-8-50	—	117	50		
			51		
			52		
V-8-53	—	104	53		grades without chemical odor
			54		
V-8-55	—	272	55		
			56		DARK YELLOWISH BROWN (10 YR 4/2) SILTY SAND (SM), medium-grained, medium dense, moist (0, 90, 10, 0)
			57		
			58		MODERATE BROWN (5 YR 3/4) and (5 YR 4/4) CLAYEY SILT (ML), trace fine-grained sand, stiff, dry to moist, laminated, iron-staining, organic material (0, 5, 60, 35)
V-8-59	—	168	59		
			60		
V-8-61	—	54	61		MODERATE BROWN (5 YR 4/4) SILTY SAND (SM), fine-grained, dense, dry to moist, trace clay (0, 60, 35, 5)
			62		OLIVE GRAY (5 Y 3/2) SANDY CLAY (CL), medium stiff, dry to moist, organic material, with silt (0, 30, 10, 60)
V-8-63	—	>1000	63		(See following page for description of this unit)

Boring Abandonment/ Well Construction Details



SEACOR

Reviewed by: _____ Date: _____

Revised by: _____ Date: _____

Project: ARCO Service Station #465, 151 Southgate Ave., Daly City, CA		Log of Boring Monitoring Well:	Page 3 of 3
Boring Location: South of UST Complex	Project No.: 50013-013-07	V-8	

Sample Number	Blows/foot	PID (ppm)	Depth (feet)	USCS Symbol	LITHOLOGIC DESCRIPTION	Boring Abandonment/ Well Construction Details
			63		MODERATE BROWN (5 YR 4/4) SILTY SAND (SM), fine grained, with clay, dense, dry to moist, laminated, iron staining (0,60, 25, 15)	
V-8-65	—	>1,000	65		LIGHT BROWN (5 YR 5/6) SAND (SP), medium-grained, trace silt, medium dense, dry to moist (0,95, 5, 0)	
			69			
V-8-70	—	>1,000	70		DARK YELLOWISH BROWN (10 YR 4/2) SAND (SP), medium grained, with fine-grained sand, loose to medium dense, dry to moist, (0,100, 0, 0)	
V-8-76	—	130	76			
V-8-80	—	131	80			
			85			

Cement/Bentonite Grout

NOTES:
Boring advanced to a depth of 85 feet below ground surface on 5/19/93.
Borehole backfilled with cement/bentonite grout to 61.5 feet.
Vapor Extraction Well installed on 5/19/93 as follows:
4-inch Schedule 40 PVC with 0.02-inch slots and end cap 61.5 - 31.5 feet.
4-inch Schedule 40 PVC blank casing 31.5 feet to surface.
#2/16 Monterey Sand 61.5 - 29.5 feet.
Bentonite Pellets 29.5 -27.5 feet.
Cement/bentonite grout 27.5 feet to surface.
Christy Box at surface.

SEACOR

Reviewed by: _____ Date: _____

Revised by: _____ Date: _____

PROJECT: **BP 0465**
LOCATION: **151 Southgate Ave. Daly City, CA**
PROJECT NUMBER: **211601098.402.3480**

WELL / PROBEHOLE / BOREHOLE NO: **V-9** PAGE 1 OF 2

Stantec

DRILLING / INSTALLATION:
STARTED **6/27/11** COMPLETED: **6/27/11**
DRILLING COMPANY: **WDC**
DRILLING EQUIPMENT: **CME 75**
DRILLING METHOD: **Hollow Stem Auger**
SAMPLING EQUIPMENT: **Split Spoon**

NORTHING (ft):
LAT:
GROUND ELEV (ft):
INITIAL DTW (ft): **Not Encountered**
STATIC DTW (ft): **Not Encountered**
WELL CASING DIA. (in): **4**
LOGGED BY: **BMR**

EASTING (ft):
LONG:
TOC ELEV (ft):
WELL DEPTH (ft): **40.0**
BOREHOLE DEPTH (ft): **40.0**
BOREHOLE DIA. (in): **10**
CHECKED BY: **JA**

Time & Depth (feet)	Graphic Log	USCS	Description	Sample	Time Sample ID	Measured Recov. (feet)	Blow Count	Headspace PID (units)
			Top 6 inches concrete					
			Top 6.5 feet air knifed					
5								
		SP	**SAND** ; SP; (10YR, 5/6) yellowish brown; fine to medium-grained; loose; moist; no odor; no staining; subrounded; poorly graded; some silt, (0, 85, 15)			1.5	7 10 12	
10								
			Same as above (SAA)			1.5	10 12 13	
15								
			SAA, color change, green gray (GLEY 1, 5/1), staining, moderate HC odor		1330 V-9-20	1.5	9 10 11	936
20								
			SAA, strong HC odor		1340	1.5	8 10 12	1000+

Depth (feet)	Well Construction
	12" traffic rated well box
5	
	4" SCH 40 PVC well casing
10	
	Neat cement grout
15	
	Bentonite seal
	#3 sand
20	

GEO FORM 304 V-9_V-10_MW-10_MW-12 6.27.11.GPJ STANTEC ENVIRO TEMPLATE 010509.GDT 8/16/11

PROJECT: **BP 0465**
LOCATION: **151 Southgate Ave. Daly City, CA**
PROJECT NUMBER: **211601098.402.3480**

WELL / PROBEHOLE / BOREHOLE NO: **V-9** PAGE 2 OF 2

DRILLING / INSTALLATION:
STARTED **6/27/11** COMPLETED: **6/27/11**
DRILLING COMPANY: **WDC**
DRILLING EQUIPMENT: **CME 75**
DRILLING METHOD: **Hollow Stem Auger**
SAMPLING EQUIPMENT: **Split Spoon**

NORTHING (ft):
LAT:
GROUND ELEV (ft):
INITIAL DTW (ft): **Not Encountered**
STATIC DTW (ft): **Not Encountered**
WELL CASING DIA. (in): **4**
LOGGED BY: **BMR**

EASTING (ft):
LONG:
TOC ELEV (ft):
WELL DEPTH (ft): **40.0**
BOREHOLE DEPTH (ft): **40.0**
BOREHOLE DIA. (in): **10**
CHECKED BY: **JA**

Time & Depth (feet)	Graphic Log	USCS	Description	Sample	Time Sample ID	Measured Recov. (feet)	Blow Count	Headspace PID (units)	Depth (feet)	Well Construction
		SP			V-9-25					
			SAA, little staining, moderate HC odor		1345 V-9-30	1.25	5 9 13	1000+		
30									30	4" 0.020 slotted SCH 40 PVC well screen
			SAA, stained throughout, gray (10.YR, 5/1), sweat odor		1350 V-9-35	1.25	5 13 15	303		
35									35	
			SAA, gray brown (10YR, 5/2)		1410 V-9-40	1.25	5 8 15	405		
40			Borehole terminated at 40 feet.						40	
45									45	

GEO FORM 304 V-9_V-10_MW-10_MW-12 6.27.11.GPJ STANTEC ENVIRO TEMPLATE 010509.GDT 8/16/11

PROJECT: **BP 0465**
LOCATION: **151 Southgate Ave. Daly City, CA**
PROJECT NUMBER: **211601098.402.3480**

WELL / PROBEHOLE / BOREHOLE NO: **V-10** PAGE 1 OF 2

Stantec

DRILLING / INSTALLATION:
STARTED **6/29/11** COMPLETED: **6/29/11**
DRILLING COMPANY: **WDC**
DRILLING EQUIPMENT: **CME 75**
DRILLING METHOD: **Hollow Stem Auger**
SAMPLING EQUIPMENT: **Split Spoon**

NORTHING (ft):
LAT:
GROUND ELEV (ft):
INITIAL DTW (ft): **Not Encountered**
STATIC DTW (ft): **Not Encountered**
WELL CASING DIA. (in): **4**
LOGGED BY: **BMR**

EASTING (ft):
LONG:
TOC ELEV (ft):
WELL DEPTH (ft): **35.5**
BOREHOLE DEPTH (ft): **36.0**
BOREHOLE DIA. (in): **10**
CHECKED BY: **JA**

Time & Depth (feet)	Graphic Log	USCS	Description	Sample	Time Sample ID	Measured Recov. (feet)	Blow Count	Headspace PID (units)	Depth (feet)	Well Construction
			Top 6 inches asphalt							12" traffic rated well box
			Top 6.5 feet air knifed							
5									5	4" SCH 40 PVC well casing
										Neat cement grout
		SP	**SAND** ; SP; (10YR, 4/6) dark yellowish brown; fine to medium-grained; medium dense; moist; no odor; no staining; poorly graded; trace, fine-grained, rounded gravel, (5, 85, 10)			1.5	3 5 10			
10									10	
										Bentonite seal
			SAA, color change, olive brown (2.5Y, 4/4)			1.5	7 8 11			
15									15	#3 sand
			SAA, grayish brown (2.5Y, 5/2), strong HC odor, some staining			0.5	8 16 17			
20			SAA, color change, light olive brown (2.5Y, 5/6)		1620 V-10-20			109	20	
			SAA			0.75	8 16 16			

GEO FORM 304 V-9_V-10_MW-10_MW-12 6.27.11.GPJ STANTEC ENVIRO TEMPLATE 010509.GDT 8/16/11

PROJECT: **BP 0465**
LOCATION: **151 Southgate Ave. Daly City, CA**
PROJECT NUMBER: **211601098.402.3480**

WELL / PROBEHOLE / BOREHOLE NO: **V-10** PAGE 2 OF 2

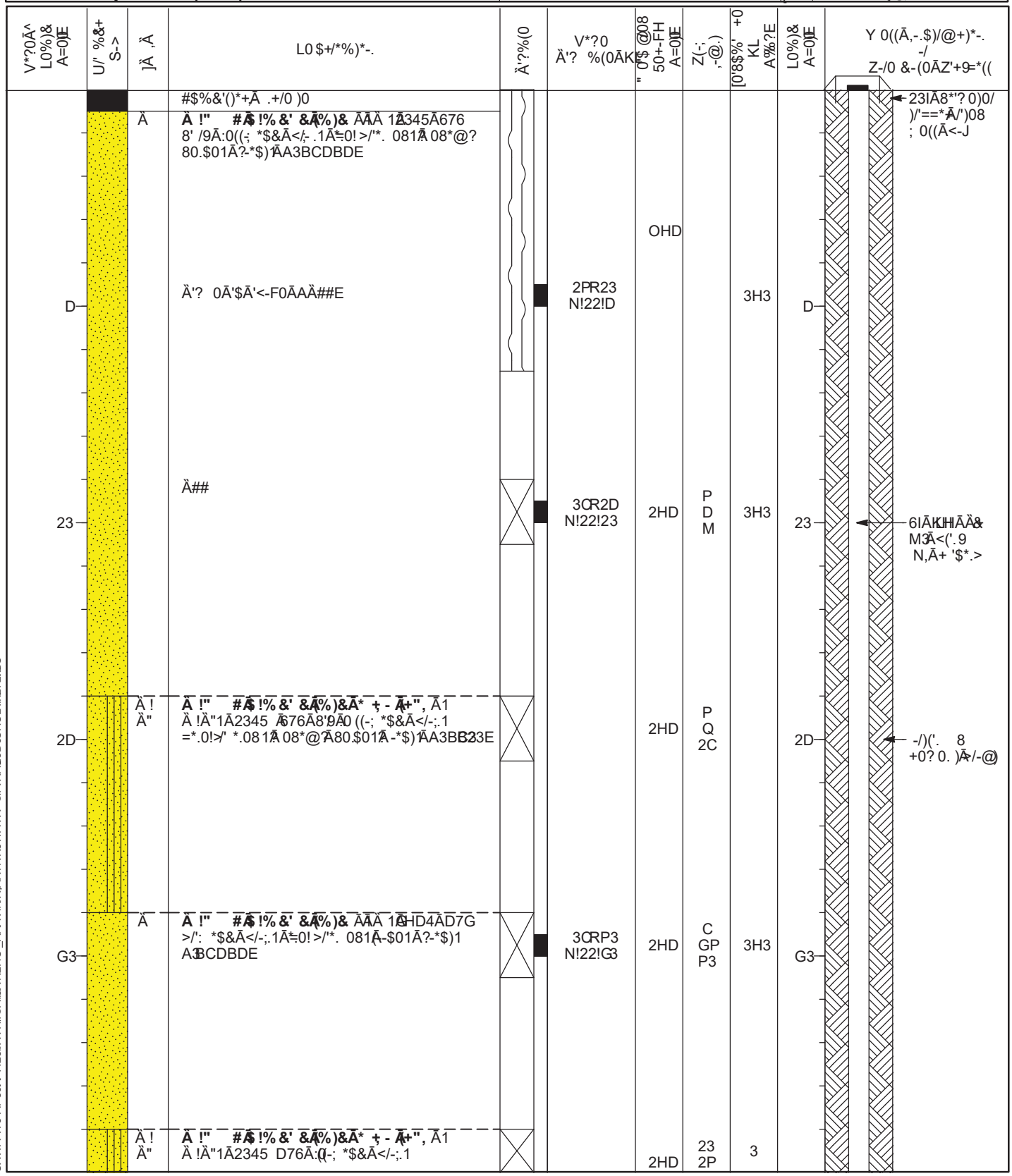
DRILLING / INSTALLATION:
STARTED **6/29/11** COMPLETED: **6/29/11**
DRILLING COMPANY: **WDC**
DRILLING EQUIPMENT: **CME 75**
DRILLING METHOD: **Hollow Stem Auger**
SAMPLING EQUIPMENT: **Split Spoon**

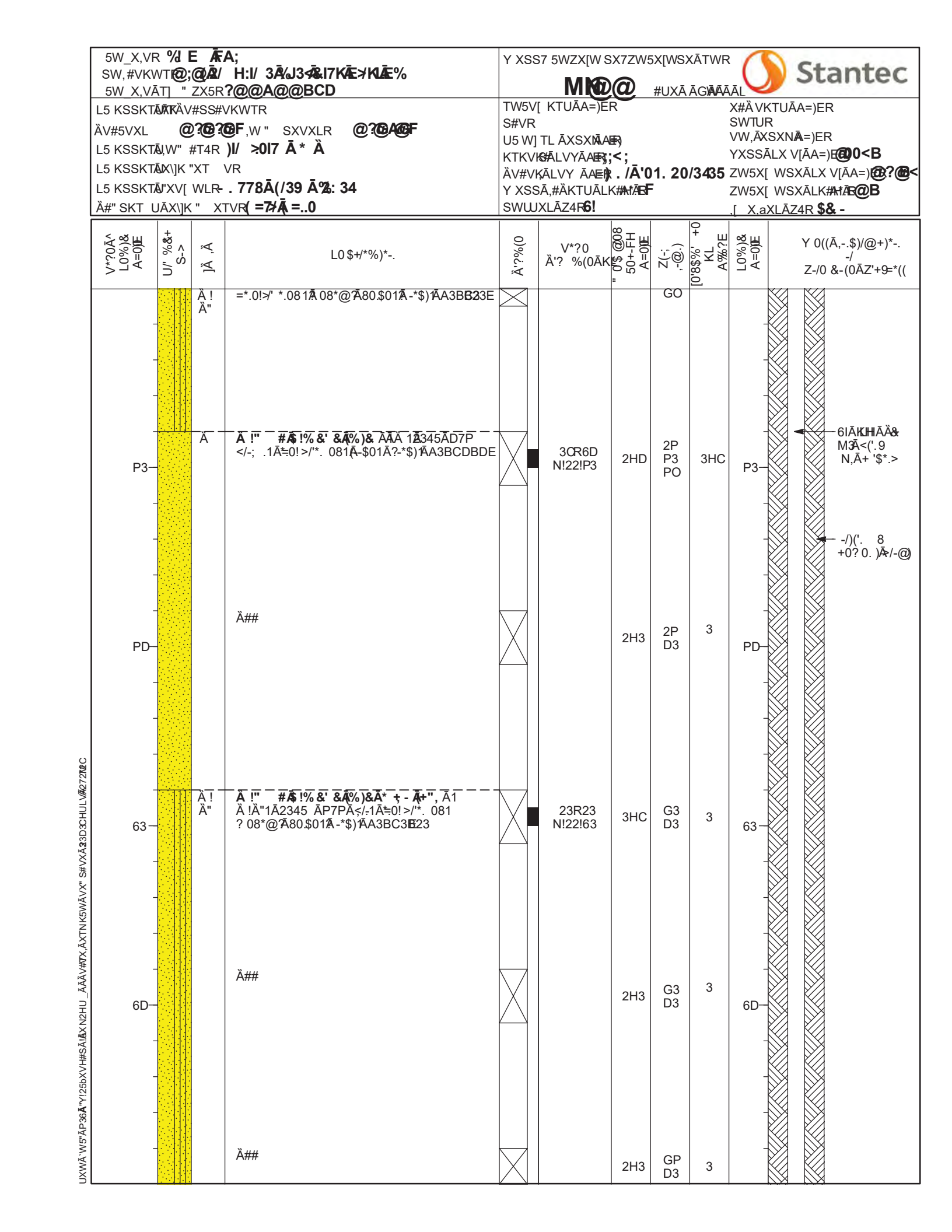
NORTHING (ft):
LAT:
GROUND ELEV (ft):
INITIAL DTW (ft): **Not Encountered**
STATIC DTW (ft): **Not Encountered**
WELL CASING DIA. (in): **4**
LOGGED BY: **BMR**

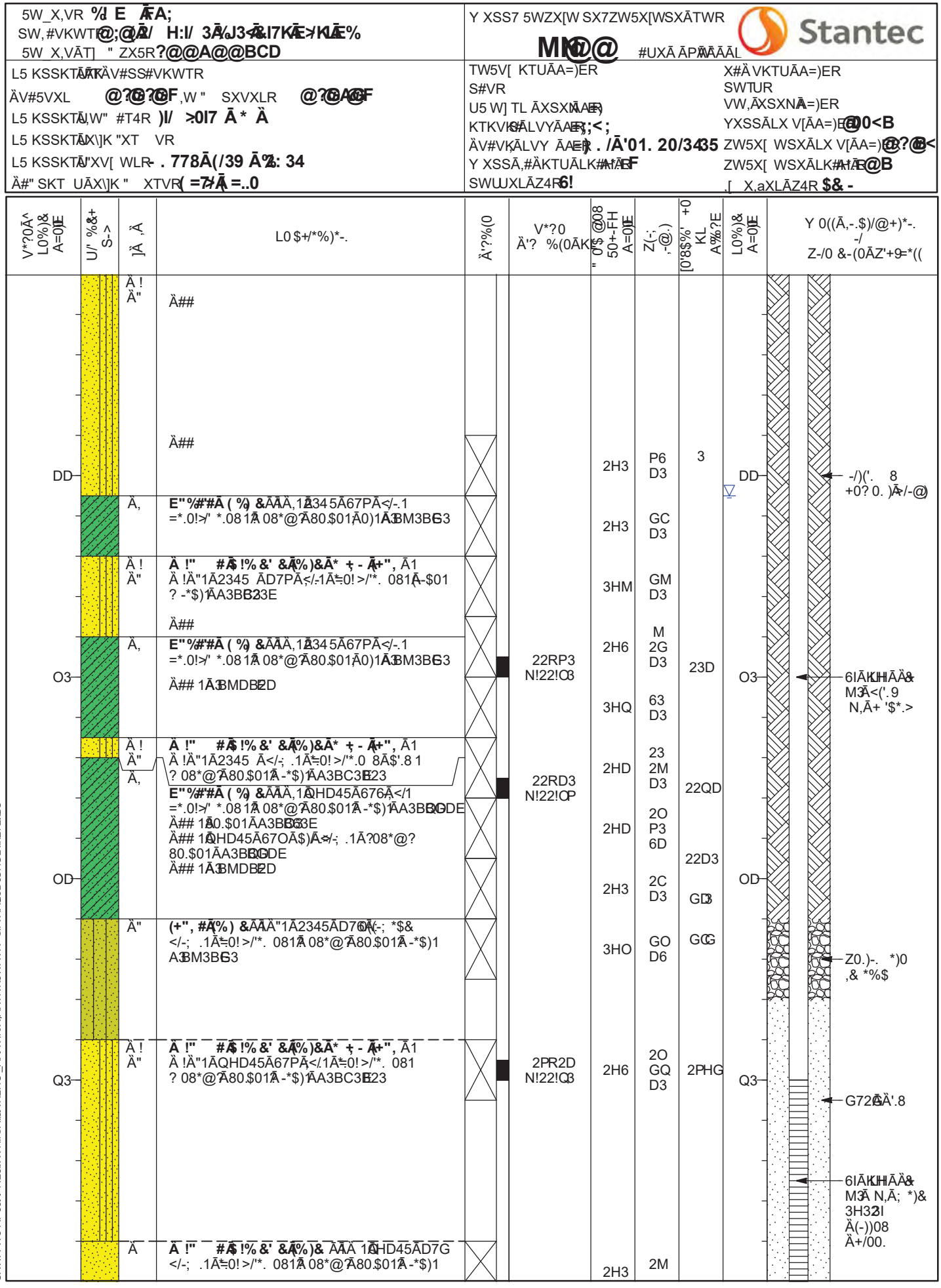
EASTING (ft):
LONG:
TOC ELEV (ft):
WELL DEPTH (ft): **35.5**
BOREHOLE DEPTH (ft): **36.0**
BOREHOLE DIA. (in): **10**
CHECKED BY: **JA**

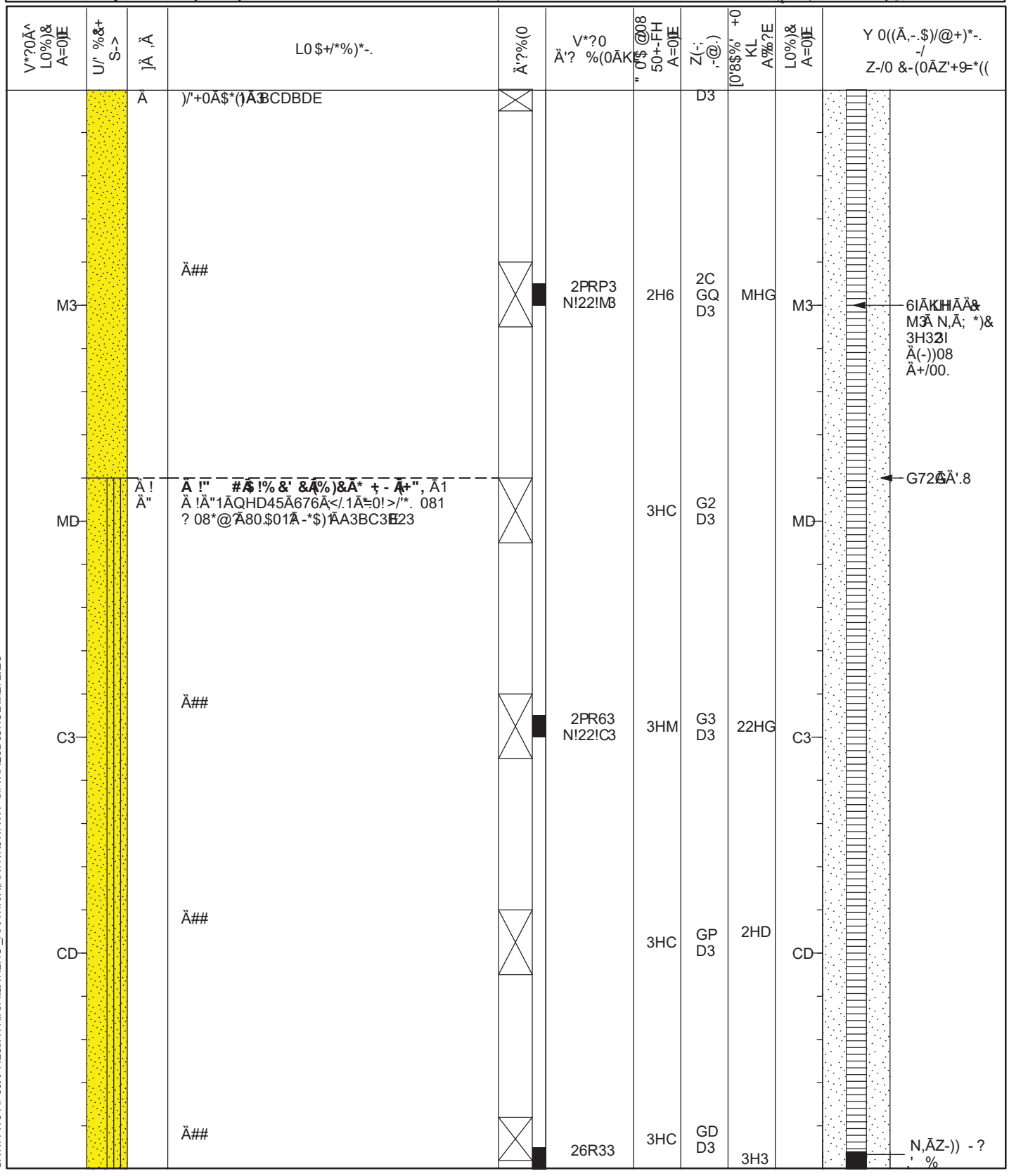
Time & Depth (feet)	Graphic Log	USCS	Description	Sample	Time Sample ID	Measured Recov. (feet)	Blow Count	Headspace PID (units)	Depth (feet)	Well Construction
		SP								
			SAA			1.25	10 19 20			
30									30	4" 0.020 slotted SCH 40 PVC well screen
			SAA grayish brown (2.5Y, 5/2)			.75	10 15 16			
					1635 V-10-35			1000+		
35									35	
			Borehole terminated at 36 feet.							
40									40	
45									45	

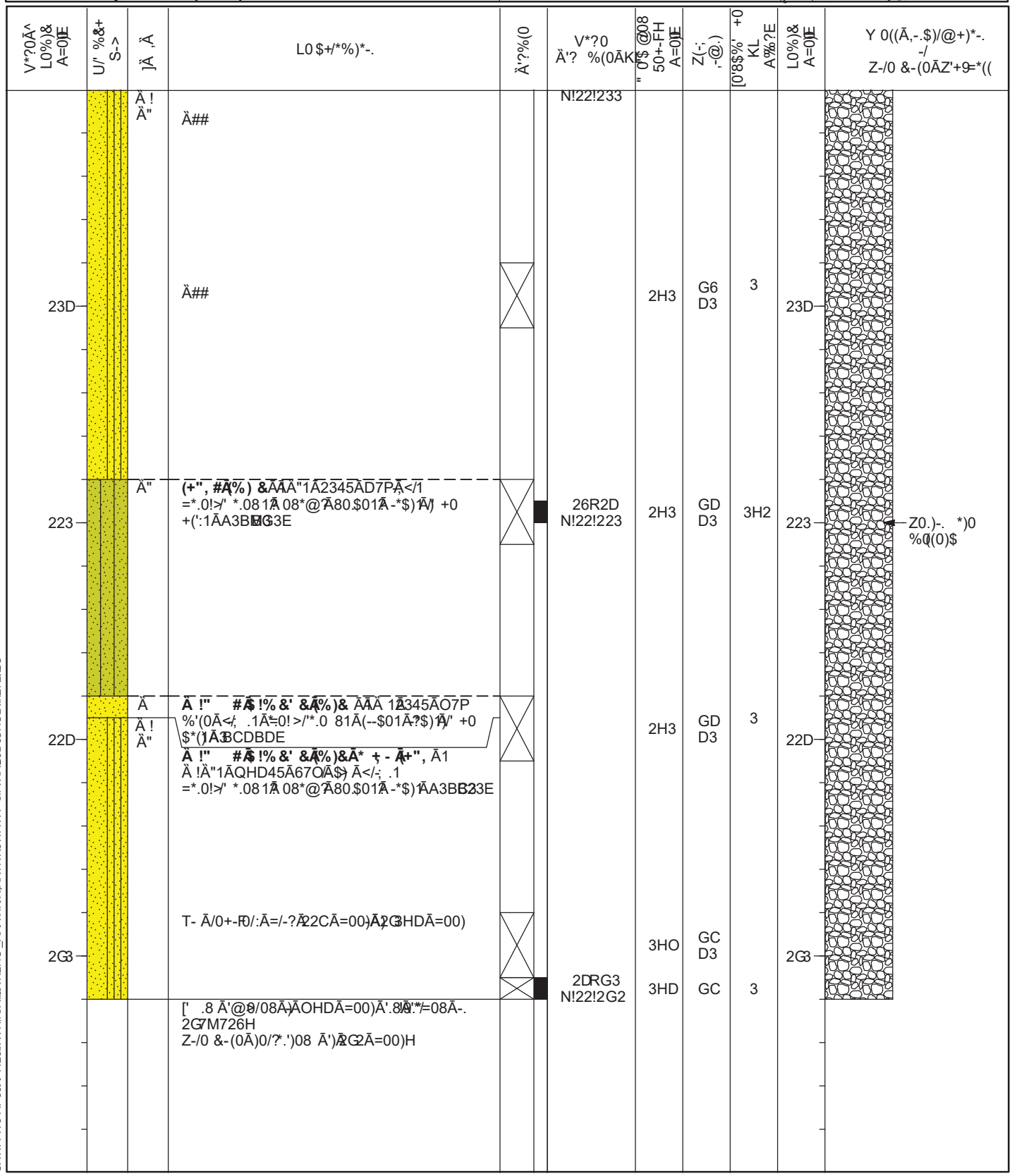
GEO FORM 304 V-9_V-10_MW-10_MW-12 6.27.11.GPJ STANTEC ENVIRO TEMPLATE 010509.GDT 8/16/11

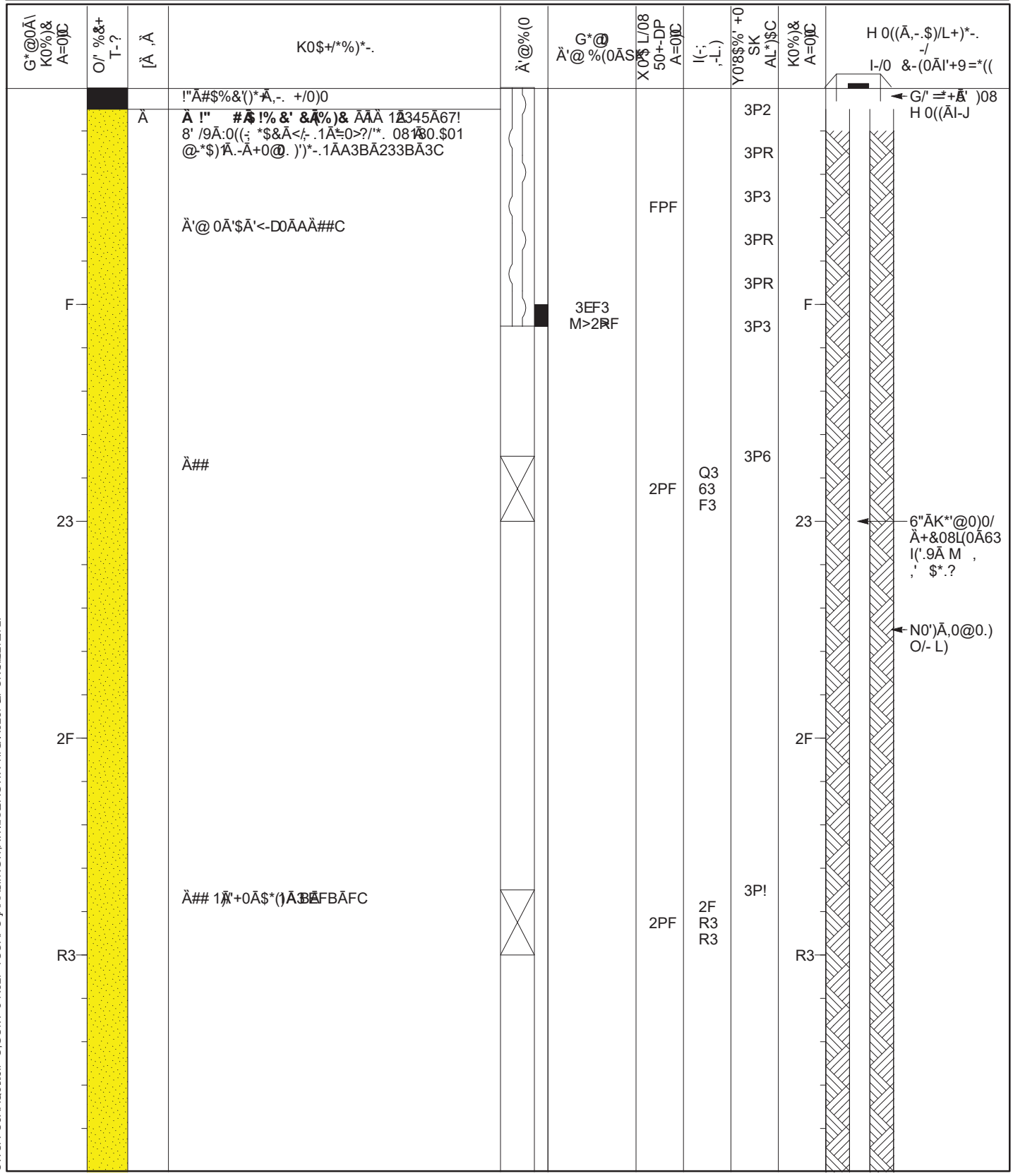

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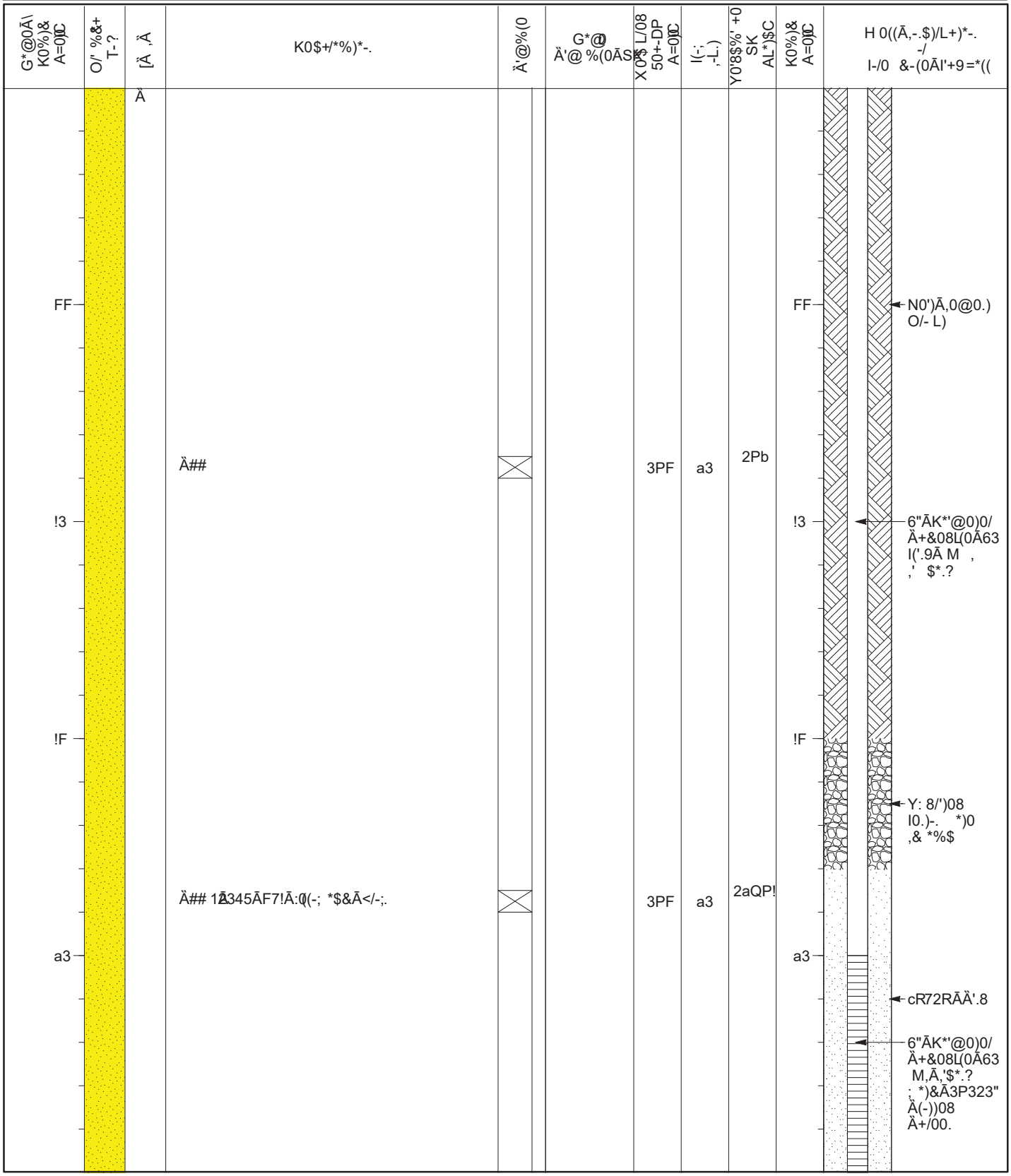
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K5 STTSNĀUX #N4V):+ >',:5 Ā 3 À
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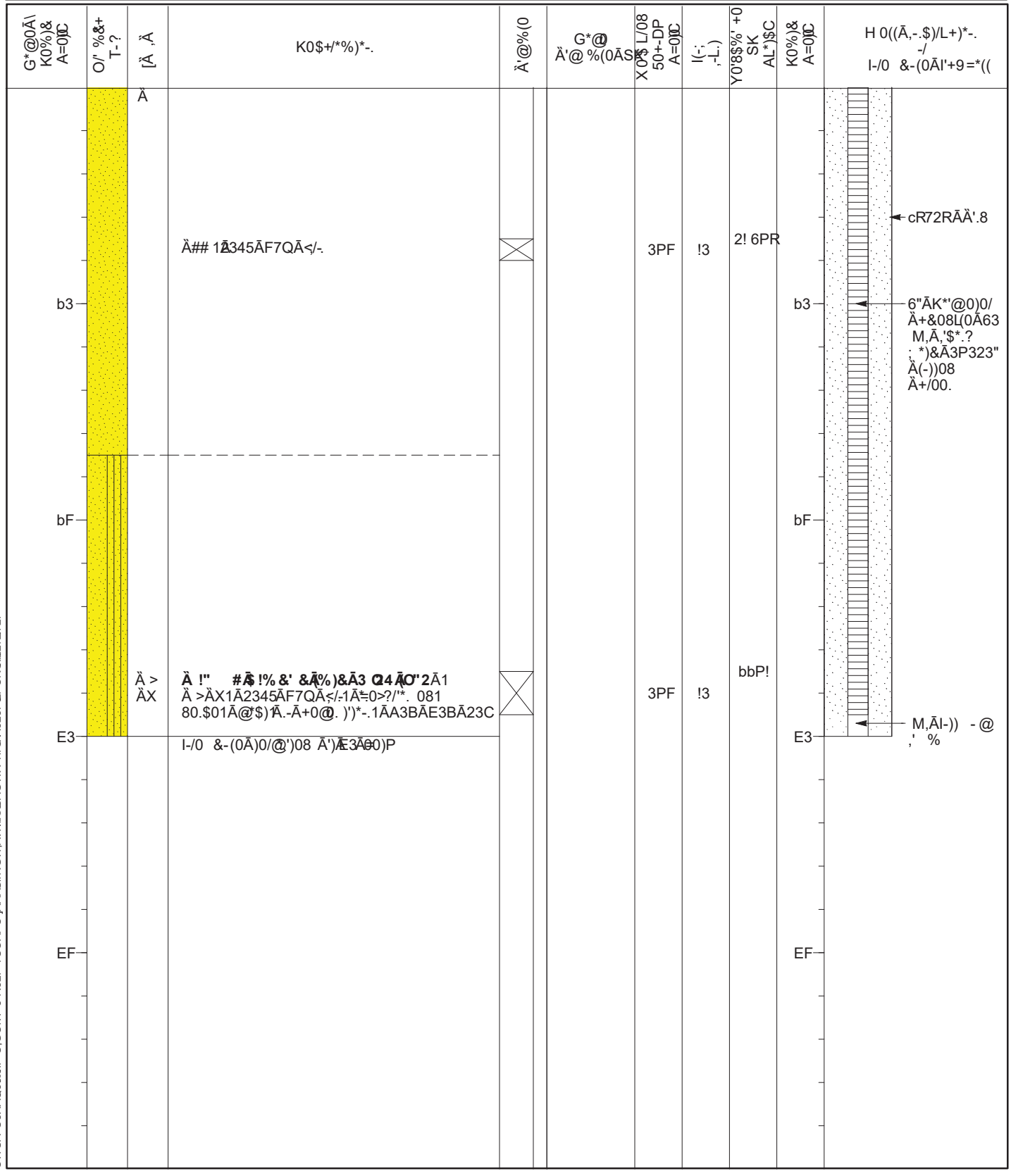
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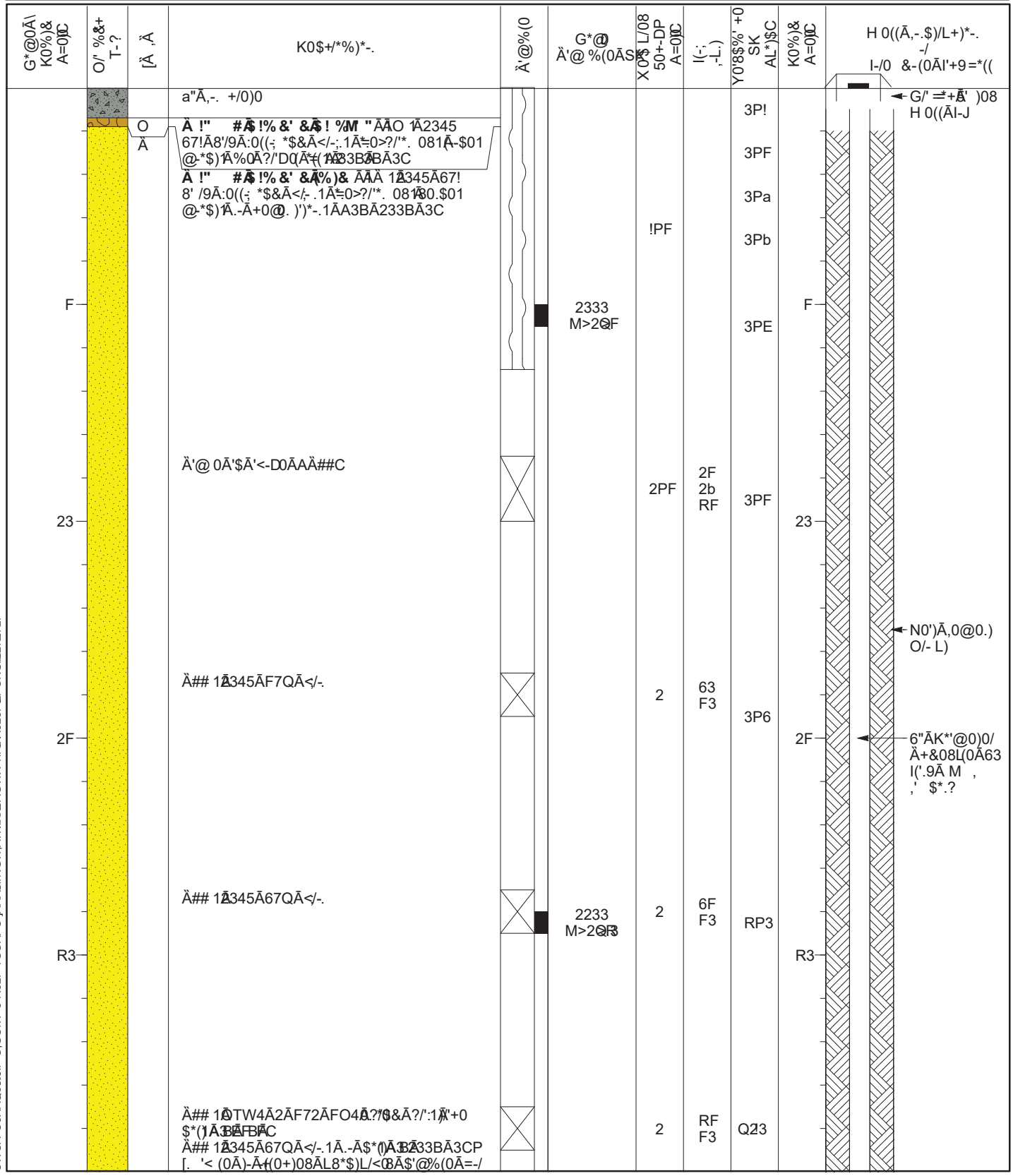
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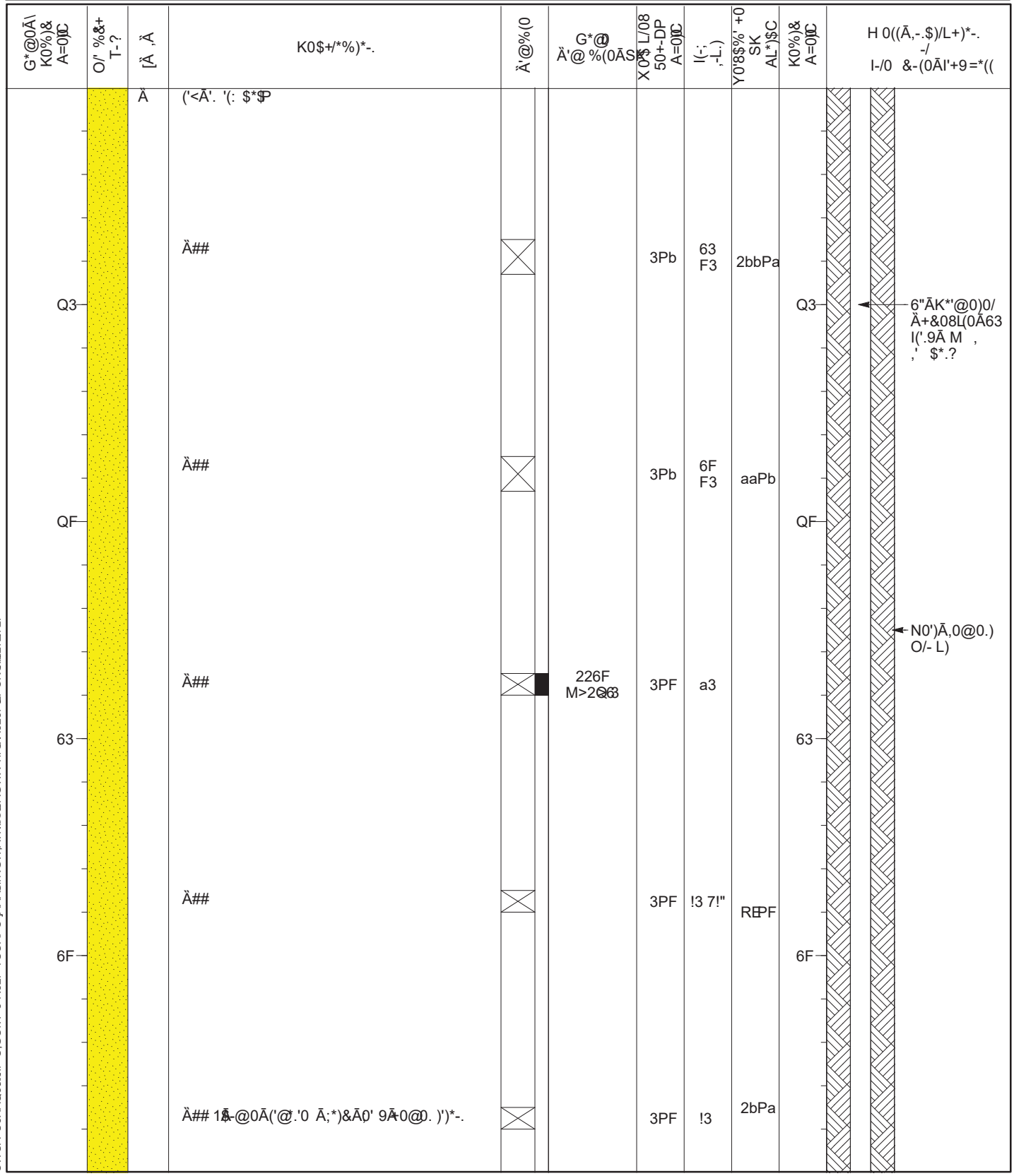
G*@0Ā\ K0%)& A=0%C	O/' %&+ T-?	[Ā ,Ā	K0$+/*%)*-.	Ā'@%(0	G*@ Ā'@ %(0ĀS<	X0% L/08 50+-DP A=0%C	I(-; -L.)	Y0'8$%' +0 SK AL*)$C	K0%)& A=0%C	H 0((Ā,-.$)/L+)*-. -/ I-/0 &-(0ĀI'+9=*((
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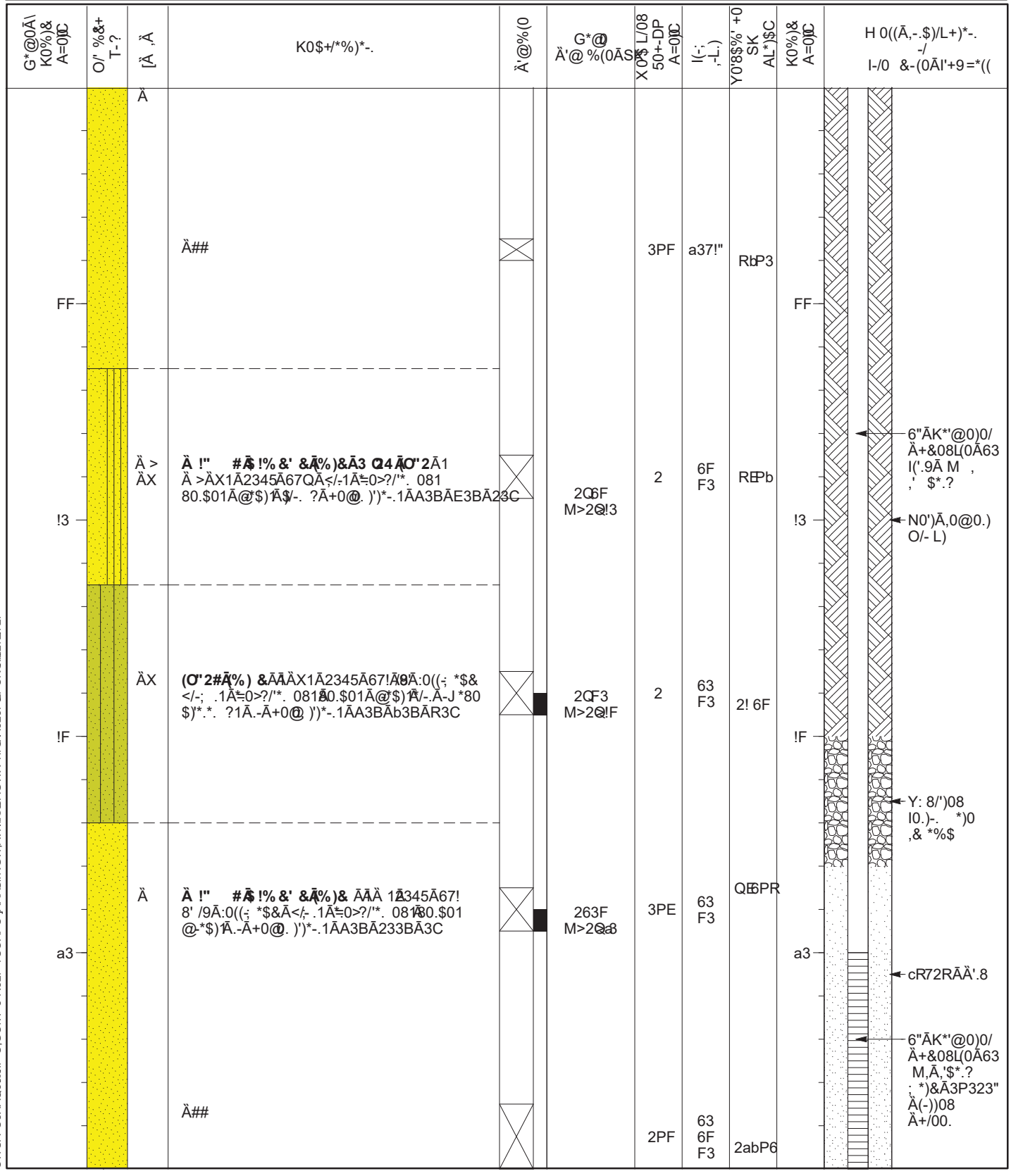
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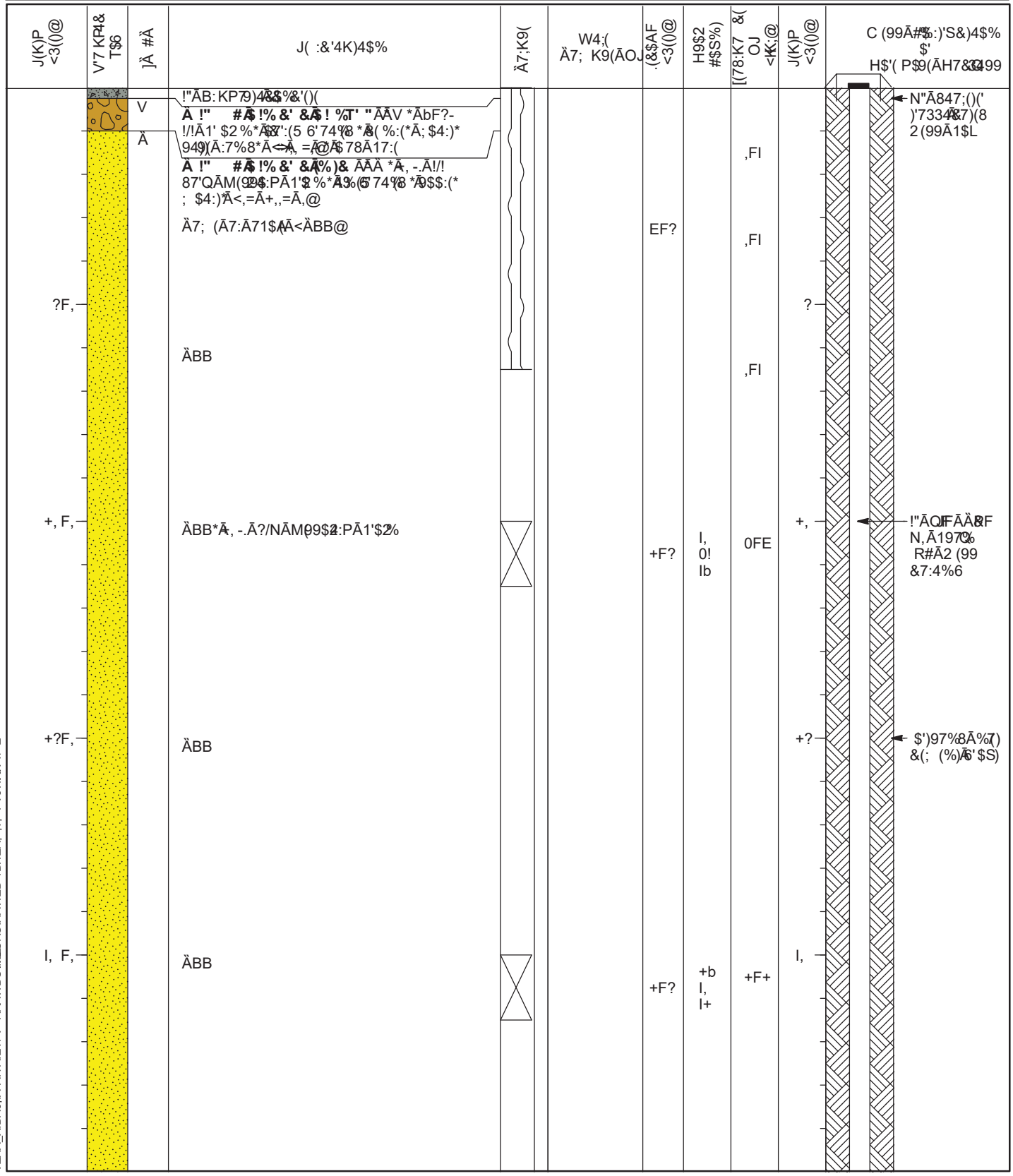
K5 STTSNĀXWSĀG#TT#GSUNV
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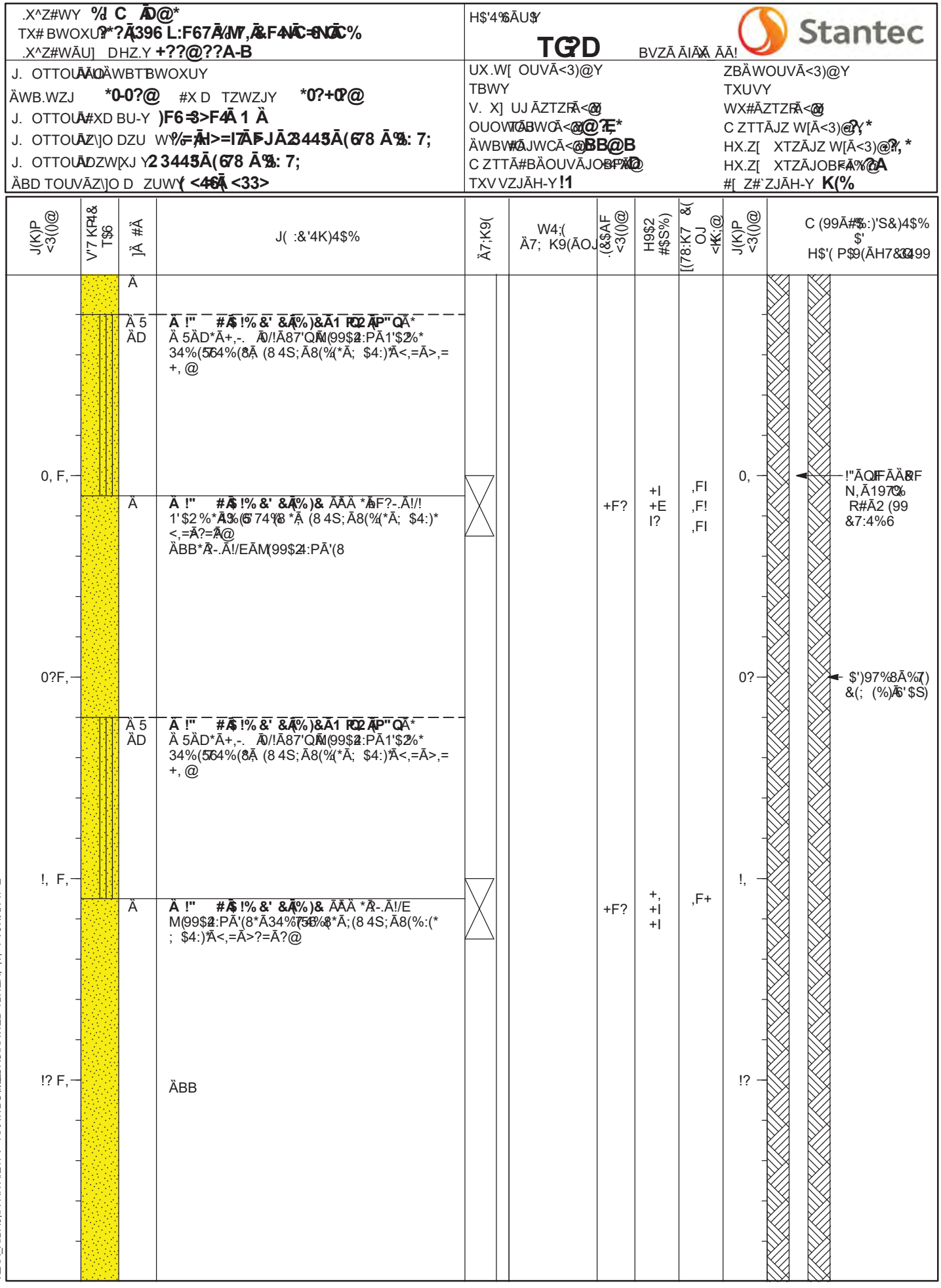
NU5GYSNOĀA=)CV
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SNSGSĀKGHĀAeV) * +Ā,' - * . , +/0' 1
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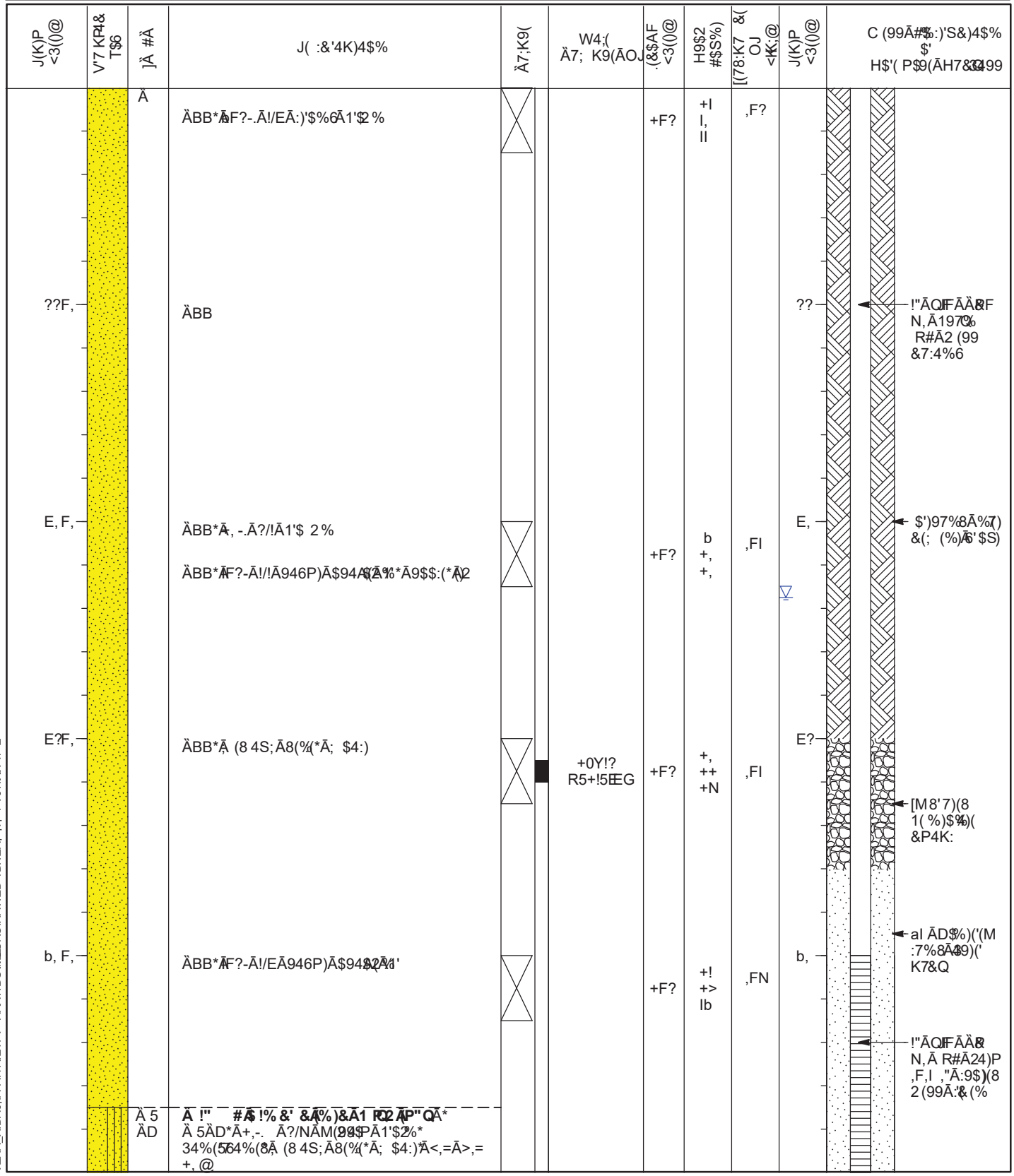
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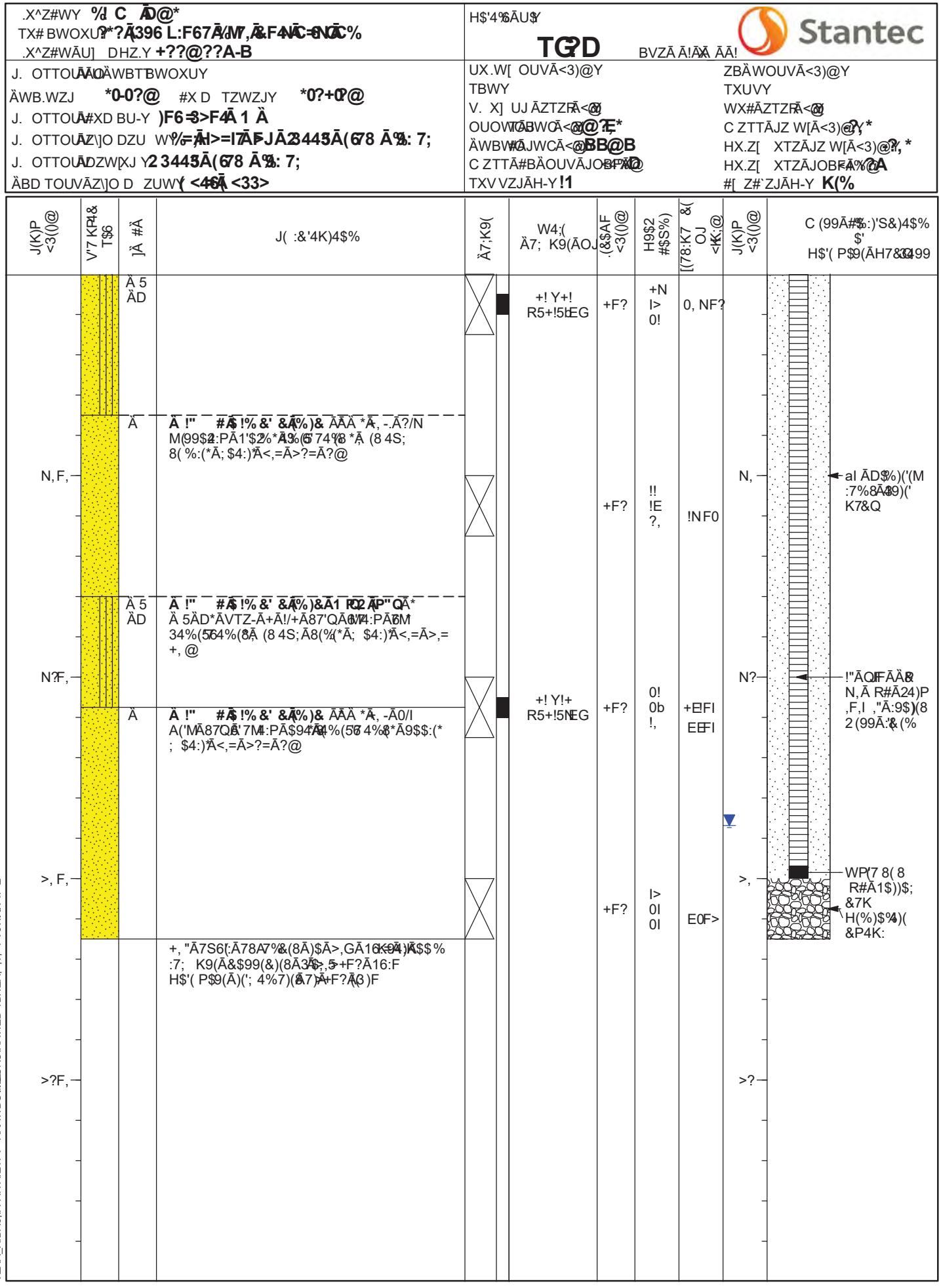
G*@0Ā\ K0%)& A=0ŒC	O/' %&+ T-?	[À ,Ā	K0$+/*%)*-.	Ā'@%(0	G*@ Ā'@ %(0ĀSK?	X0% L/08 50+-DP A=0ŒC	I(-; -L.)	Y0'8$%' +0 SK AL*)$C	K0%)& A=0ŒC	H 0((Ā,-.$)/L+)*-. -/ I-/0 &-(0ĀI'+9=*((
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Appendix D

EDR Offsite Receptor Report

ARCO 465
151 Southgate Avenue
Daly City, CA 94015

Inquiry Number: 05913372.1r
December 20, 2019

EDR Offsite Receptor Report

6 Armstrong Road, 4th floor
Shelton, CT 06484
Toll Free: 800.352.0050
www.edrnet.com

TABLE OF CONTENTS

SECTION	PAGE
Executive Summary	2
Census Map	3
Census Findings	4
Receptor Map	5
Map Findings	6
Records Searched/Data Currency Tracking Addendum	49

Thank you for your business
Please contact EDR at 1-800-352-0050
with any questions or comments.

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EXECUTIVE SUMMARY

A search of available records was conducted by Environmental Data Resources, Inc. (EDR). The EDR Offsite Receptor Report provides information which may be used to comply with the Clean Air Act Risk Management Program 112-R. *"The rule requires that you estimate in the RMP residential populations within the circle defined by the endpoint for your worst-case and alternative release scenarios (i.e., the center of the circle is the point of release and the radius is the distance to the endpoint). In addition, you must report in the RMP whether certain types of public receptors and environmental receptors are within the circles."*

The address of the subject property, for which the search was intended, is:

ARCO 465
151 SOUTHGATE AVENUE
DALY CITY, CA 94015

Distance Searched: 1.000 miles from subject property

RECEPTOR SUMMARY
An X indicates the presence of the receptor within the search radius.

Residential Population
Estimated population within search radius: 31550 persons.

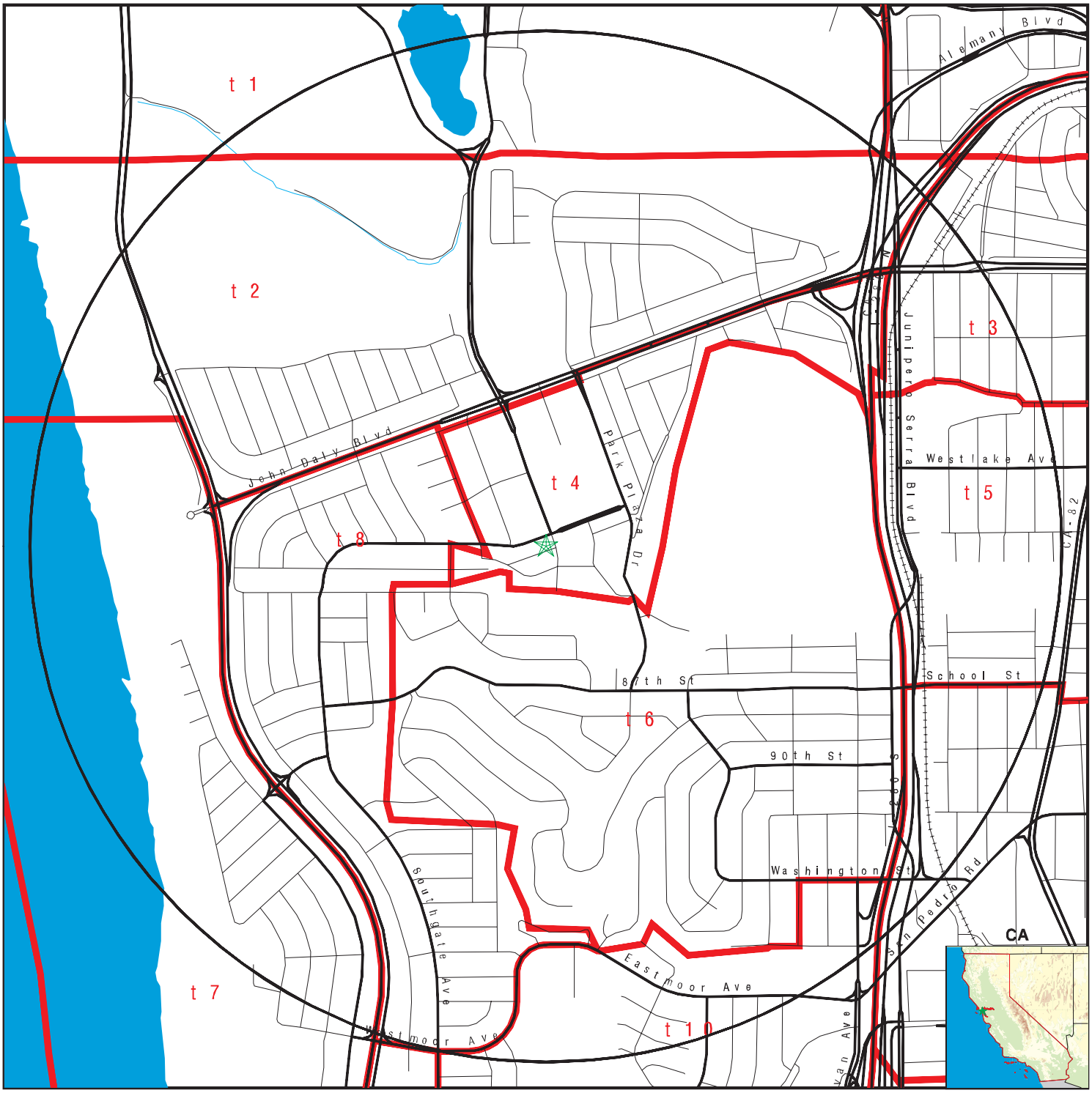
Other Public Receptors

Type	Within Search Radius	Sites Total
Day Care Centers:	X	35
Medical Centers:		
Nursing Homes:		
Schools:	X	7
Hospitals:	X	19
Colleges:		
Arena:		
Prison:		

Environmental Receptors

Type	Within Search Radius	Sites Total
Federal Land:	X	3

CENSUS MAP - 05913372.1r



- Target Property
- Roads
- Waterways
- Census Tracts

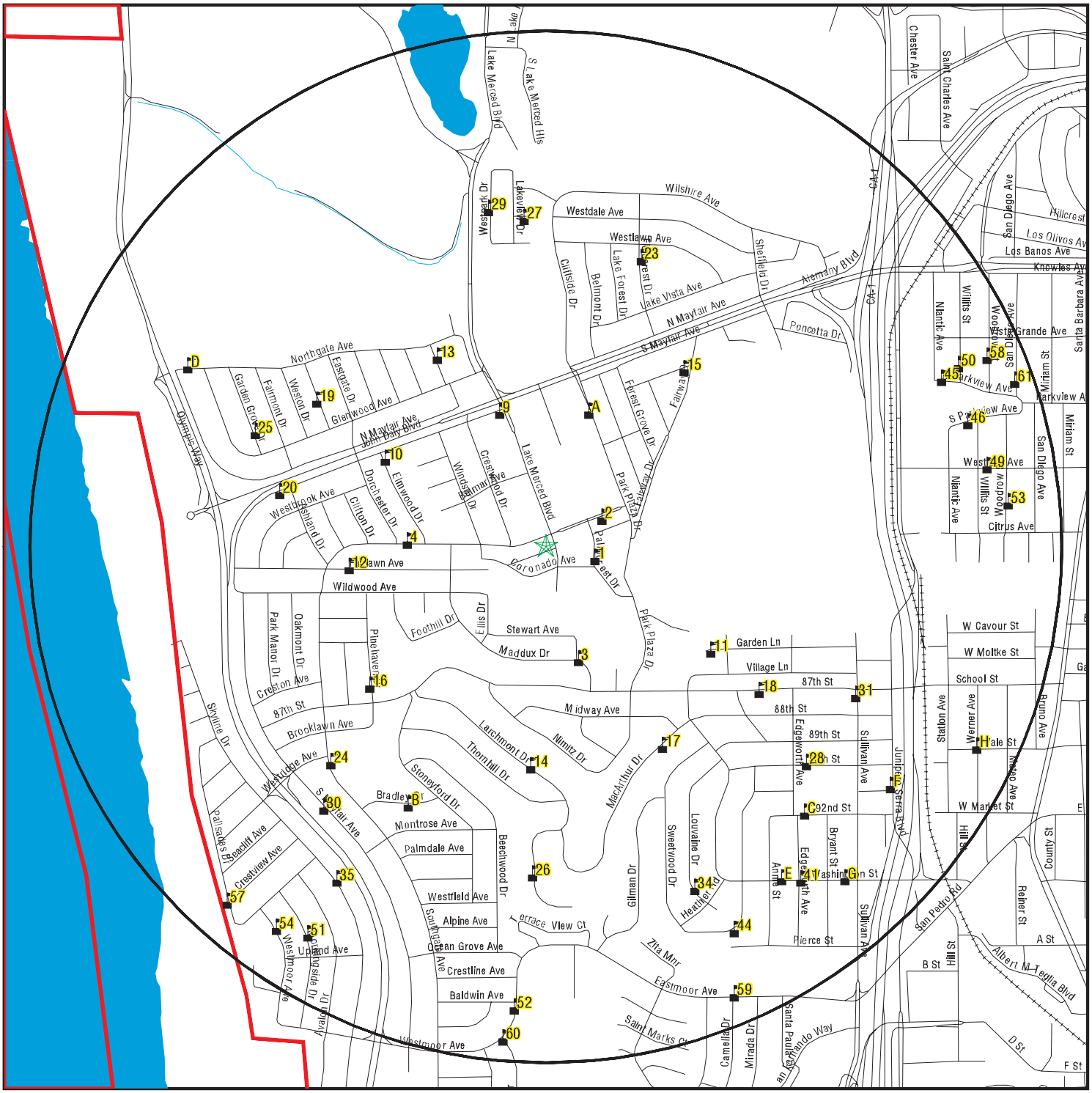
TARGET PROPERTY:	ARCO 465	CUSTOMER:	Antea Group
ADDRESS:	151 Southgate Avenue	CONTACT:	Hannah Mishriki
CITY/STATE/ZIP:	Daly City CA 94015	INQUIRY #:	05913372.1r
LAT/LONG:	37.6973 / 122.4833	DATE:	December 20, 2019 2:08 pm

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CENSUS FINDINGS

Map ID	Tract Number	Total Population	Population in Radius	Total Area(sq.mi.)	Area in Radius(sq.mi.)
T1	0604.00	1689	136.4	2.63	0.21
T2	6009.00	3933	3024.8	0.91	0.70
T3	6007.00	7568	1732.8	0.31	0.07
T4	6008.00	6768	6768.0	0.22	0.22
T5	6006.00	5352	3379.6	0.30	0.19
T6	6012.00	6252	6252.0	0.77	0.77
T7	6010.00	6913	1677.3	1.59	0.39
T8	6011.00	5716	5696.1	0.38	0.38
T9	6013.00	7510	1340.8	0.43	0.08
T10	6014.00	6658	1542.0	0.56	0.13

RECEPTOR MAP - 05913372.1r



TARGET PROPERTY:	ARCO 465	CUSTOMER:	Antea Group
ADDRESS:	151 Southgate Avenue	CONTACT:	Hannah Mishriki
CITY/STATE/ZIP:	Daly City CA 94015	INQUIRY #:	05913372.1r
LAT/LONG:	37.6973 / 122.4833	DATE:	December 20, 2019 2:09 pm

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Arco Service Station No 0465

151 Southgate Avenue

Daly City, CA 94015

Inquiry Number: 5079310.9

October 18, 2017

The EDR Aerial Photo Decade Package

6 Armstrong Road, 4th floor
Shelton, CT 06484
Toll Free: 800.352.0050
www.edrnet.com

EDR Aerial Photo Decade Package

10/18/17

Site Name:

Arco Service Station No 0465
151 Southgate Avenue
Daly City, CA 94015
EDR Inquiry # 5079310.9

Client Name:

Antea Group
2300 Contra Costa Blvd.
Pleasant Hill, CA 94523
Contact: Jonathan Fillingame

Environmental Data Resources, Inc. (EDR) Aerial Photo Decade Package is a screening tool designed to assist environmental professionals in evaluating potential liability on a target property resulting from past activities. EDR's professional researchers provide digitally reproduced historical aerial photographs, and when available, provide one photo per decade.

Search Results:

Year	Scale	Details	Source
2012	1"=500'	Flight Year: 2012	USDA/NAIP
2010	1"=500'	Flight Year: 2010	USDA/NAIP
2009	1"=500'	Flight Year: 2009	USDA/NAIP
2005	1"=500'	Flight Year: 2005	USDA/NAIP
1998	1"=500'	Flight Date: September 06, 1998	USDA
1993	1"=500'	Acquisition Date: July 10, 1993	USGS/DOQQ
1982	1"=500'	Flight Date: August 16, 1982	USDA
1974	1"=500'	Flight Date: June 26, 1974	USGS
1968	1"=500'	Flight Date: April 16, 1968	USGS
1963	1"=500'	Flight Date: July 09, 1963	USGS
1956	1"=500'	Flight Date: September 08, 1956	USGS
1946	1"=500'	Flight Date: July 29, 1946	USGS
1943	1"=500'	Flight Date: October 11, 1943	USDA

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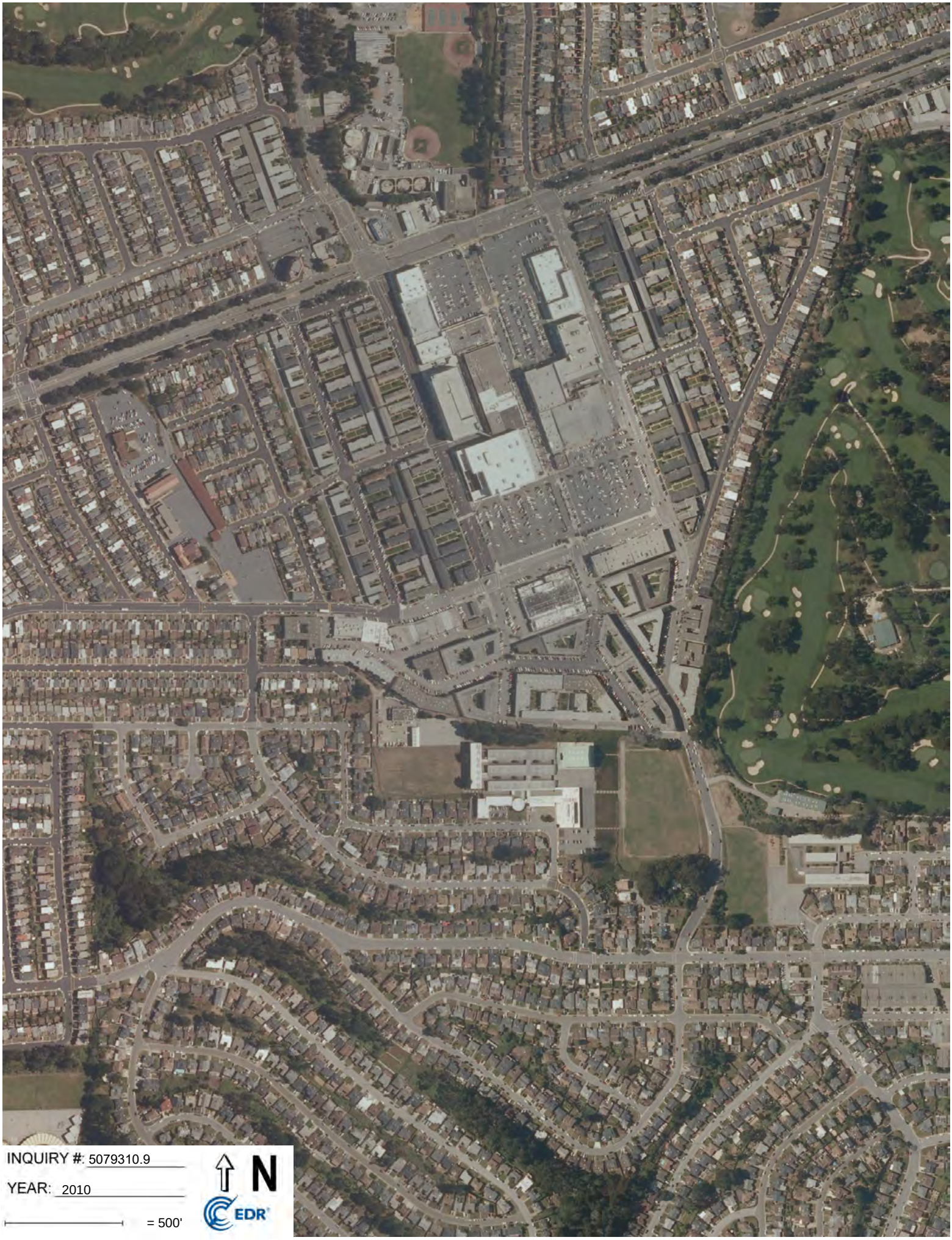
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INQUIRY #: 5079310.9
YEAR: 2012
= 500'
N
EDR


INQUIRY #: 5079310.9
YEAR: 2010
= 500'
N
EDR

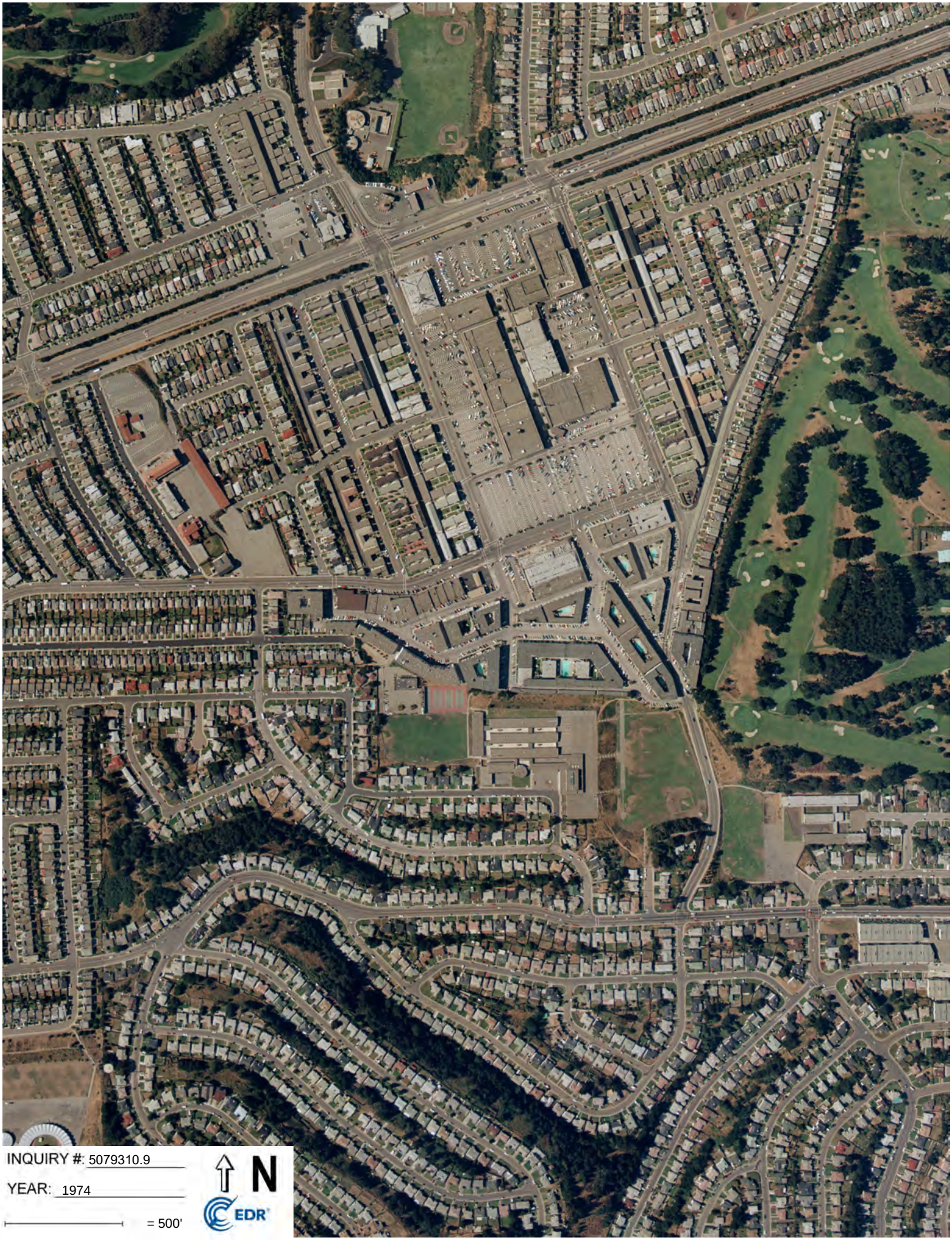

INQUIRY #: 5079310.9
YEAR: 2009
= 500'
N
EDR


INQUIRY #: 5079310.9
YEAR: 2005
= 500'
N
EDR


INQUIRY #: 5079310.9
YEAR: 1998
= 500'
N
EDR


INQUIRY #: 5079310.9
YEAR: 1993
= 500'
N
EDR


INQUIRY #: 5079310.9
YEAR: 1982
= 500'
N
EDR


INQUIRY #: 5079310.9
YEAR: 1974
= 500'
N
EDR


INQUIRY #: 5079310.9
YEAR: 1968
= 500'
N
EDR


INQUIRY #: 5079310.9
YEAR: 1963
= 500'
N
EDR


INQUIRY #: 5079310.9
YEAR: 1956
= 500'
N
EDR



INQUIRY #: 5079310.9

YEAR: 1946

= 500'

N

EDR



INQUIRY #: 5079310.9

YEAR: 1943

= 500'

N

EDR

MAP FINDINGS

Map ID Direction Distance Distance (ft.) Elevation	Site	EDR ID Database

1
ESE
0-1/8 mi
517
Higher

SRDCCA200705670
Daycare

EDR ID:	SRDCCA200705670
Facility number:	410519087
Facility name:	"NEAL, JUANITA "
Facility eval. code:	0303
Facility office number:	05
Facility county number:	41
Facility type code:	810
Facility status code:	03
Address:	205 PALMCREST DRIVE #32
City:	DALY CITY
State:	CA
Zip:	94015
Alt. address:	205 PALMCREST DRIVE #32
City:	DALY CITY
State:	CA
Zip:	94015
Facility investor:	"NEAL, JUANITA "
Licensee type:	A
License effective date:	950621
License expiration date:	Not Reported
License issue date:	950621
Program type:	"MAXIMUM CAPACITY: 6 CHILDREN, INCLUDING LICENSEE'S CHILDREN UNDER 10 YEARS OF AGE WHO RESIDE IN THE HOME, WITH NO MORE THAN 3 INFANTS OR 4 INFANTS ONLY (INFANT MEANS A CHILD UNDER 2 YEARS OLD). "
Original app. received date:	950302
Facility closed date:	Not Reported
Mailing address:	205 PALMCREST DRIVE #32
Mailing city:	DALY CITY
Mailing state:	CA
Mailing zip:	94015
Contact person:	"NEAL, JUANITA "
Facility capacity:	6
Type of clients served:	960
Facility phone:	6507569739

2
ENE
0-1/8 mi
641
Higher

SRHO20070011163
AHA Hospitals

Hospital type:	01
Num of times COO:	00
Owner date:	Not Reported
City:	DALY CITY
Has plan of corr:	Not Reported
Compliance status:	A
SSA county code:	510
Cross ref number:	Not Reported
FMS survey date:	Not Reported
Current survey date:	20040519
Medicare/Medicaid:	1
Facility name:	WEST BAY HOME HEALTH & COMMUNITY SERVICES
Intermediary/Carrier:	00040
Medicaid number:	HHA70027F
Partcipation date:	19800516
Prior COO date:	Not Reported
Prior carrier:	00041
Provider ID:	057249

Record Status:	A	
Region code:	09	
Is Partial Record:	Not Reported	
state abbrev:	CA	
ssa state:	05	
state region cd:	SF	
street address:	45 SOUTHGATE AVENUE	
Phone num:	6509916680	
Termination reason:	00	
Term Date:	Not Reported	
Purpose of action:	2	
Provider control:	01	
Zip:	94015	
Fips state:	06	
Fips cnty:	081	
SSA MSA:	526	
SSA MSA size code:	B	
Date accredited:	Not Reported	
Accred expire date:	Not Reported	
Accred Org:	0	
Num beds:	0000	
Num cert beds:	0000	
Source:	US_HOSPITAL_POSOTHER	
Edr id:	SRHO20070011163	

---

3 SRPU20071011731
SSE Ncessch: 061887002278 Public Schools
1/8-1/4 mi Schname05: BENJAMIN FRANKLIN INTERMEDIATE
1202 Mstreet05: 700 STEWART AVE.
Higher Mcity05: COLMA
Mstate05: CA
Mzip05: 94015
Mzip405: 3519
Member05: 514
Phone05: (650) 991-1202
Locale05: 3
Type05: 1
Level05: 2
Gslo05: 07
Gshi05: 08
Edr id: SRPU20071011731

---

4 SRDCCA200733973
West EDR ID: SRDCCA200733973 Daycare
1/4-1/2 mi Facility number: 414001987
1419 Facility name: "BORGONIA, MA. ROSARIO "
Higher Facility eval. code: 0303
Facility office number: 05
Facility county number: 41
Facility type code: 810
Facility status code: 03
Address: 430 SOUTHGATE AVENUE
City: DALY CITY
State: CA

Zip:	94015
Alt. address:	430 SOUTHGATE AVENUE
City:	DALY CITY
State:	CA
Zip:	94015
Facility investor:	"BORGONIA, MA. ROSARIO "
Licensee type:	A
License effective date:	60309
License expiration date:	Not Reported
License issue date:	060309
Program type:	"MAX. CAP: 6 - NO MORE THAN 3 INFANTS OR 4 INFANTS ONLY. CAP 8 - NO MORE THAN 2 INFANTS, 1 CHILD IN KINDERGARTEN OR ELEMENTARY SCHOOL AND 1 CHILD AT LEAST AGE 6. "
Original app. received date:	051024
Facility closed date:	Not Reported
Mailing address:	430 SOUTHGATE AVENUE
Mailing city:	DALY CITY
Mailing state:	CA
Mailing zip:	94015
Contact person:	"BORGONIA, MA. ROSARIO "
Facility capacity:	8
Type of clients served:	960
Facility phone:	6509927144

A5 SRHO20070134491
NNE AHA Hospitals
1/4-1/2 mi
1448
Higher

Hospital type:	01
Num of times COO:	00
Owner date:	Not Reported
City:	DALY CITY
Has plan of corr:	Not Reported
Compliance status:	Not Reported
SSA county code:	510
Cross ref number:	Not Reported
FMS survey date:	Not Reported
Current survey date:	Not Reported
Medicare/Medicaid:	Not Reported
Facility name:	EVANGELINE CONGCO MD
Intermediary/Carrier:	Not Reported
Medicaid number:	Not Reported
Partcipation date:	19921218
Prior COO date:	Not Reported
Prior carrier:	Not Reported
Provider ID:	05D0591246
Record Status:	A
Region code:	09
Is Partial Record:	Y
state abbrev:	CA
ssa state:	05
state region cd:	LAB
street address:	48 PARK PLAZA DR
Phone num:	4157557474
Termination reason:	00
Term Date:	20080831
Purpose of action:	Not Reported
Provider control:	02

	Zip:	94015
	Fips state:	06
	Fips cnty:	081
	SSA MSA:	526
	SSA MSA size code:	B
	Date accredited:	Not Reported
	Accred expire date:	Not Reported
	Accred Org:	Not Reported
	Num beds:	0000
	Num cert beds:	0000
	Source:	US_HOSPITAL_POSCLIA
	Edr id:	SRHO20070134491

A6 SRHO20070134478
NNE AHA Hospitals
1/4-1/2 mi
1448
Higher

	Hospital type:	01
	Num of times COO:	00
	Owner date:	Not Reported
	City:	DALY CITY
	Has plan of corr:	1
	Compliance status:	A
	SSA county code:	510
	Cross ref number:	Not Reported
	FMS survey date:	Not Reported
	Current survey date:	19990719
	Medicare/Medicaid:	1
	Facility name:	HARRY LEO ROTH MD
	Intermediary/Carrier:	Not Reported
	Medicaid number:	Not Reported
	Partcipation date:	19920901
	Prior COO date:	Not Reported
	Prior carrier:	Not Reported
	Provider ID:	05D0591215
	Record Status:	A
	Region code:	09
	Is Partial Record:	Not Reported
	state abbrev:	CA
	ssa state:	05
	state region cd:	M2
	street address:	48 PARK PLAZA DR
	Phone num:	4159921920
	Termination reason:	12
	Term Date:	19991231
	Purpose of action:	2
	Provider control:	04
	Zip:	94015
	Fips state:	06
	Fips cnty:	081
	SSA MSA:	526
	SSA MSA size code:	B
	Date accredited:	Not Reported
	Accred expire date:	Not Reported
	Accred Org:	Not Reported
	Num beds:	0000
	Num cert beds:	0000
	Source:	US_HOSPITAL_POSCLIA

Edr id: SRHO20070134478

A7 SRHO20070141684
NNE Hospital type: 01 AHA Hospitals
1/4-1/2 mi Num of times COO: 00
1448 Owner date: Not Reported
Higher City: DALY CITY
Has plan of corr: Not Reported
Compliance status: Not Reported
SSA county code: 510
Cross ref number: Not Reported
FMS survey date: Not Reported
Current survey date: Not Reported
Medicare/Medicaid: Not Reported
Facility name: ROSARIO T QUINTOS MD
Intermediary/Carrier: Not Reported
Medicaid number: Not Reported
Partcipation date: 19921216
Prior COO date: Not Reported
Prior carrier: Not Reported
Provider ID: 05D0718364
Record Status: A
Region code: 09
Is Partial Record: Y
state abbrev: CA
ssa state: 05
state region cd: LAB
street address: 48 PARK PLAZA DR SUITE 317
Phone num: 4158210531
Termination reason: 01
Term Date: 19970301
Purpose of action: Not Reported
Provider control: 04
Zip: 94015
Fips state: 06
Fips cnty: 081
SSA MSA: 526
SSA MSA size code: B
Date accredited: Not Reported
Accred expire date: Not Reported
Accred Org: Not Reported
Num beds: 0000
Num cert beds: 0000
Source: US_HOSPITAL_POSCLIA
Edr id: SRHO20070141684

A8 SRHO20070136278
NNE Hospital type: 01 AHA Hospitals
1/4-1/2 mi Num of times COO: 00
1448 Owner date: Not Reported
Higher City: DALY CITY
Has plan of corr: 1
Compliance status: A
SSA county code: 510

Cross ref number:	Not Reported
FMS survey date:	Not Reported
Current survey date:	19950418
Medicare/Medicaid:	1
Facility name:	JIMMIE HIGASHI MD
Intermediary/Carrier:	Not Reported
Medicaid number:	Not Reported
Partcipation date:	19920901
Prior COO date:	Not Reported
Prior carrier:	Not Reported
Provider ID:	05D0667015
Record Status:	A
Region code:	09
Is Partial Record:	Not Reported
state abbrev:	CA
ssa state:	05
state region cd:	M2
street address:	48 PARK PLAZA DR, SUITE 210
Phone num:	4159921920
Termination reason:	01
Term Date:	19960131
Purpose of action:	1
Provider control:	04
Zip:	94015
Fips state:	06
Fips cnty:	081
SSA MSA:	526
SSA MSA size code:	B
Date accredited:	Not Reported
Accred expire date:	Not Reported
Accred Org:	Not Reported
Num beds:	0000
Num cert beds:	0000
Source:	US_HOSPITAL_POSCLIA
Edr id:	SRHO20070136278

9
NNW
1/4-1/2 mi
1456
Higher

SRHO20070108555
AHA Hospitals

Hospital type:	01
Num of times COO:	02
Owner date:	Not Reported
City:	DALY CITY
Has plan of corr:	1
Compliance status:	A
SSA county code:	510
Cross ref number:	Not Reported
FMS survey date:	Not Reported
Current survey date:	19960401
Medicare/Medicaid:	1
Facility name:	PRIMECARE HOME HEALTH SERVICES
Intermediary/Carrier:	00040
Medicaid number:	Not Reported
Partcipation date:	19950428
Prior COO date:	19951018
Prior carrier:	Not Reported
Provider ID:	557525

Record Status:	A
Region code:	09
Is Partial Record:	Not Reported
state abbrev:	CA
ssa state:	05
state region cd:	SF
street address:	375 SO MAYFAIR AVE, STE 232
Phone num:	4157584660
Termination reason:	03
Term Date:	19970513
Purpose of action:	2
Provider control:	04
Zip:	94015
Fips state:	06
Fips cnty:	081
SSA MSA:	526
SSA MSA size code:	B
Date accredited:	Not Reported
Accred expire date:	Not Reported
Accred Org:	0
Num beds:	0000
Num cert beds:	0000
Source:	US_HOSPITAL_POSOTHER
Edr id:	SRHO20070108555

10
WNW
1/4-1/2 mi
1873
Higher

SRPR20051022372
Private Schools

Pss school id:	00073432
Pss inst:	OUR LADY MERCY ELEM SCHOOL
Lograde:	K
Higrade:	8
Pss address:	7 ELMWOOD DRIVE
Pss city:	DALY CITY
Pss county no:	081
Pss county fips:	06081
Pss stabb:	CA
Pss fips:	06
Pss zip5:	94015
Pss phone:	6507563395
Pss sch days:	180
Pss stu day hrs:	7
Pss library:	Yes
Pss enroll ug:	Not Reported
Pss enroll pk:	Not Reported
Pss enroll k:	46
Pss enroll 1:	64
Pss enroll 2:	69
Pss enroll 3:	54
Pss enroll 4:	62
Pss enroll 5:	65
Pss enroll 6:	56
Pss enroll 7:	71
Pss enroll 8:	76
Pss enroll 9:	Not Reported
Pss enroll 10:	Not Reported
Pss enroll 11:	Not Reported

Pss enroll 12:	Not Reported
Pss enroll t:	563
Pss enroll tk12:	563
Pss race ai:	0
Pss race as:	445
Pss race h:	47
Pss race b:	6
Pss race w:	65
Pss fte teach:	26.1
Pss locale:	3
Pss coed:	1
Pss type:	1
Pss level:	1
Pss relig:	1
Pss comm type:	2
Pss indian pct:	0
Pss asian pct:	79.04
Pss hisp pct:	8.35
Pss black pct:	1.07
Pss white pct:	11.55
Pss stdtch rt:	21.57
Pss orient:	1
Pss county name:	SAN MATEO
Pss assoc 1:	Other religious school association(s)
Pss assoc 2:	Not Reported
Pss assoc 3:	Not Reported
Pss assoc 4:	Not Reported
Pss assoc 5:	Not Reported
Pss assoc 6:	Not Reported
Pss assoc 7:	Not Reported
Source:	NCESDATA_E72D09B4
Edr id:	SRPR20051022372

---

11 SRPU20071011736
ESE Ncessch: 061887002285 Public Schools
1/4-1/2 mi Schname05: GARDEN VILLAGE ELEMENTARY
1997 Mstreet05: 208 GARDEN LN.
Higher Mcity05: COLMA
Mstate05: CA
Mzip05: 94015
Mzip405: 1628
Member05: 335
Phone05: (650) 991-1233
Locale05: 3
Type05: 1
Level05: 1
Gslo05: KG
Gshi05: 06
Edr id: SRPU20071011736

---

12 SRDCCA200725329
West EDR ID: SRDCCA200725329 Daycare
1/4-1/2 mi Facility number: 414001707
2028 Facility name: "KARAPETYAN, ZHANNETA S. "
Higher

Facility eval. code:	0303
Facility office number:	05
Facility county number:	41
Facility type code:	810
Facility status code:	03
Address:	82 FAIRLAWN AVENUE
City:	DALY CITY
State:	CA
Zip:	94015
Alt. address:	82 FAIRLAWN AVENUE
City:	DALY CITY
State:	CA
Zip:	94015
Facility investor:	"KARAPETYAN, ZHANNETA "
Licensee type:	A
License effective date:	40521
License expiration date:	Not Reported
License issue date:	040521
Program type:	"MAXIMUM CAPACITY: 12 CHILDREN, WITH NO MORE THAN 4 INFANTS, OR CAPACITY 14 CHILDREN WHEN 2 CHILDREN ARE AT LEAST 6 YEARS OF AGE WITH A MAXIMUM OF 3 INFANTS; PROPERTY OWNER/LANDLORD CONSENT IS REQUIRED "
Original app. received date:	040205
Facility closed date:	Not Reported
Mailing address:	82 FAIRLAWN AVENUE
Mailing city:	DALY CITY
Mailing state:	CA
Mailing zip:	94015
Contact person:	"KARAPETYAN, ZHANNETA S. "
Facility capacity:	14
Type of clients served:	960
Facility phone:	6507581518

13
NNW
1/4-1/2 mi
2237
Higher

SRDCCA200715707
Daycare

EDR ID:	SRDCCA200715707
Facility number:	414001308
Facility name:	"SOLIS, ZOILA JANETH "
Facility eval. code:	0303
Facility office number:	05
Facility county number:	41
Facility type code:	810
Facility status code:	03
Address:	70 OAKLAWN DRIVE #6
City:	DALY CITY
State:	CA
Zip:	94015
Alt. address:	70 OAKLAWN DRIVE #6
City:	DALY CITY
State:	CA
Zip:	94015
Facility investor:	"SOLIS, ZOILA JANETH "
Licensee type:	A
License effective date:	20503
License expiration date:	Not Reported
License issue date:	020503
Program type:	"MAXIMUM CAPACITY: 6 CHILDREN WITH NO MORE THAN 3 INFANTS, OR 4 INFANTSONLY, OR CAPACITY 8 CHILDREN WHEN 2 ARE AT LEAST 6 YEARS OF AGE WITH AMAXIMUM OF 2 INFANTS; PROPERTY OWNER/LANDLORD CONSENT IS REQUIRED "

Original app. received date:	020122	
Facility closed date:	Not Reported	
Mailing address:	70 OAKLAWN DRIVE #6	
Mailing city:	DALY CITY	
Mailing state:	CA	
Mailing zip:	94015	
Contact person:	"SOLIS, ZOILA JANETH "	
Facility capacity:	8	
Type of clients served:	960	
Facility phone:	6507564151	

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14 SRDCCA200721383
South EDR ID: SRDCCA200721383 Daycare
1/4-1/2 mi Facility number: 414001581
2255 Facility name: "YOUNG, DESIREE VERONICA "
Higher Facility eval. code: 0303
Facility office number: 05
Facility county number: 41
Facility type code: 810
Facility status code: 03
Address: 748 LARCHMONT DRIVE
City: COLMA
State: CA
Zip: 94015
Alt. address: 748 LARCHMONT DRIVE
City: COLMA
State: CA
Zip: 94015
Facility investor: "YOUNG, DESIREE VERONICA "
Licensee type: A
License effective date: 30703
License expiration date: Not Reported
License issue date: 030703
Program type: MAX. CAP (WHEN THERE IS AN ASSISTANT PRESENT): 12 - NO MORE THAN 4 INFANTS. CAP 14 - NO MORE THAN 3 INFANTS. 1 CHILD IN KINDERGARTEN OR ELEMENTARY SCHOOL AND 1 CHILD AT LEAST AGE 6.
Original app. received date: 030609
Facility closed date: Not Reported
Mailing address: 748 LARCHMONT DRIVE
Mailing city: COLMA
Mailing state: CA
Mailing zip: 94015
Contact person: "YOUNG, DESIREE VERONICA "
Facility capacity: 14
Type of clients served: 960
Facility phone: 6507577720

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15 SRDCCA200715388
NE EDR ID: SRDCCA200715388 Daycare
1/4-1/2 mi Facility number: 414001095
2297 Facility name: "SERAME, MARIPAZ R. "
Higher Facility eval. code: 0303
Facility office number: 05
Facility county number: 41

Facility type code:	810
Facility status code:	03
Address:	13 CASTLEMONT AVENUE
City:	DALY CITY
State:	CA
Zip:	94015
Alt. address:	13 CASTLEMONT AVENUE
City:	DALY CITY
State:	CA
Zip:	94015
Facility investor:	"SERAME, MARIPAZ R. "
Licensee type:	A
License effective date:	10124
License expiration date:	Not Reported
License issue date:	010124
Program type:	"MAXIMUM CAPACITY: 6 CHILDREN WITH NO MORE THAN 3 INFANTS, OR 4 INFANTSONLY, OR CAPACITY 8 CHILDREN WHEN 2 ARE AT LEAST 6 YEARS OF AGE WITH AMAXIMUM OF 2 INFANTS; PROPERTY OWNER/LANDLORD CONSENT IS REQUIRED "
Original app. received date:	001026
Facility closed date:	Not Reported
Mailing address:	13 CASTLEMONT AVENUE
Mailing city:	DALY CITY
Mailing state:	CA
Mailing zip:	94015
Contact person:	"SERAME, MARIPAZ R. "
Facility capacity:	8
Type of clients served:	960
Facility phone:	6507557142

16
SW
1/4-1/2 mi
2297
Higher

SRHO20070135977
AHA Hospitals

Hospital type:	01
Num of times COO:	00
Owner date:	Not Reported
City:	DALY CITY
Has plan of corr:	1
Compliance status:	A
SSA county code:	510
Cross ref number:	Not Reported
FMS survey date:	Not Reported
Current survey date:	19961113
Medicare/Medicaid:	1
Facility name:	ENVIRONMENTAL GENETOX INC
Intermediary/Carrier:	Not Reported
Medicaid number:	Not Reported
Partcipation date:	19920901
Prior COO date:	Not Reported
Prior carrier:	Not Reported
Provider ID:	05D0643613
Record Status:	A
Region code:	09
Is Partial Record:	Not Reported
state abbrev:	CA
ssa state:	05
state region cd:	M2

street address:	84 PINEHAVEN DRIVE
Phone num:	4157552389
Termination reason:	01
Term Date:	19990409
Purpose of action:	2
Provider control:	04
Zip:	94015
Fips state:	06
Fips cnty:	081
SSA MSA:	526
SSA MSA size code:	B
Date accredited:	Not Reported
Accred expire date:	Not Reported
Accred Org:	Not Reported
Num beds:	0000
Num cert beds:	0000
Source:	US_HOSPITAL_POSCLIA
Edr id:	SRHO20070135977

17 SRDCCA200702657
SSE EDR ID: SRDCCA200702657 Daycare
1/4-1/2 mi Facility number: 410504109
2364 Facility name: "SOLANO, MERCEDES AND JOSE "
Higher Facility eval. code: 0303

Facility office number:	05
Facility county number:	41
Facility type code:	810
Facility status code:	03
Address:	519 MACARTHUR
City:	COLMA
State:	CA
Zip:	94015
Alt. address:	519 MACARTHUR
City:	COLMA
State:	CA
Zip:	94015
Facility investor:	"SOLANO, MERCEDES AND JOSE "
Licensee type:	A
License effective date:	940211
License expiration date:	Not Reported
License issue date:	Not Reported
Program type:	MAX. CAPACITY: 12 CHILDREN INCLUDING LICENSEE'S CHILDREN UNDER 10 YRS OF AGE WHO RESIDE IN THE HOME WITH NO MORE THAN 4 INFANTS (INFANT MEANS A CHILD UNDER 2 YRS OLD). OFF LIMITS: GARAGE; UPPER LEVEL OF
Original app. received date:	811214
Facility closed date:	Not Reported
Mailing address:	519 MACARTHUR
Mailing city:	COLMA
Mailing state:	CA
Mailing zip:	94015
Contact person:	"SOLANO, MERCEDES "
Facility capacity:	12
Type of clients served:	960
Facility phone:	6509911740

18 SRDCCA200750693
SE EDR ID: SRDCCA200750693 Daycare
1/4-1/2 mi Facility number: 410517442
2638 Facility name: BAYSHORE CHILD CARE SERVICES - 87TH STREET CENTER
Higher Facility eval. code: 0303
Facility office number: 05
Facility county number: 41
Facility type code: 850
Facility status code: 05
Address: 377-87TH STREET
City: DALY CITY
State: CA
Zip: 94015
Alt. address: 45 MIDWAY DRIVE
City: DALY CITY
State: CA
Zip: 94015
Facility investor: BAYSHORE CHILD CARE SERVICES
Licensee type: C
License effective date: 950303
License expiration date: 070405
License issue date: 891004
Program type: "DAYS AND HOURS OF OPERATION: MONDAY THROUGH FRIDAY, 7:00 A.M. - 6:00 P.M.
SUBJECT TO CONDITIONS OF WAIVER.
"
Original app. received date: 890531
Facility closed date: Not Reported
Mailing address: 45 MIDWAY DRIVE
Mailing city: DALY CITY
Mailing state: CA
Mailing zip: 94015
Contact person: "LAZANA, MARILYN "
Facility capacity: 40
Type of clients served: 950
Facility phone: 4153301715

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19 SRDCCA200720567
WNW EDR ID: SRDCCA200720567 Daycare
1/2-1 mi Facility number: 414001454
2779 Facility name: "JORDAN, SANDRA "
Higher Facility eval. code: 0303
Facility office number: 05
Facility county number: 41
Facility type code: 810
Facility status code: 03
Address: 43 WESTMONT DRIVE
City: DALY CITY
State: CA
Zip: 94015
Alt. address: P.O. BOX 347332
City: SAN FRANCISCO
State: CA
Zip: 94134
Facility investor: "JORDAN, SANDRA "

Licensee type: A
License effective date: 21017
License expiration date: Not Reported
License issue date: 021017
Program type: "MAXIMUM CAPACITY: 12 CHILDREN, WITH NO MORE THAN 4 INFANTS, OR CAPACITY 14 CHILDREN WHEN 2 CHILDREN ARE AT LEAST 6 YEARS OF AGE WITH A MAXIMUM OF 3 INFANTS; PROPERTY OWNER/LANDLORD CONSENT IS REQUIRED "
Original app. received date: 020903
Facility closed date: Not Reported
Mailing address: P.O. BOX 347332
Mailing city: SAN FRANCISCO
Mailing state: CA
Mailing zip: 94134
Contact person: "JORDAN, SANDRA "
Facility capacity: 14
Type of clients served: 960
Facility phone: 6509974691

20
WNW
1/2-1 mi
2782
Higher

SRDCCA200703000
Daycare

EDR ID: SRDCCA200703000
Facility number: 410509073
Facility name: "VORRISES, JAMES & LOUISE "
Facility eval. code: 0303
Facility office number: 05
Facility county number: 41
Facility type code: 810
Facility status code: 03
Address: 809 SOUTH MAYFAIR AVE.
City: DALY CITY
State: CA
Zip: 94015
Alt. address: 809 SOUTH MAYFAIR AVE.
City: DALY CITY
State: CA
Zip: 94015
Facility investor: "VORRISES, JAMES D. AND LOUISE "
Licensee type: A
License effective date: 940502
License expiration date: Not Reported
License issue date: Not Reported
Program type: "MAXIMUM CAPACITY: 12 CHILDREN, INCLUDING LICENSEE'S CHILDREN UNDER 10 YEARS OF AGE WHO RESIDE IN THE HOME, WITH NO MORE THAN 4 INFANTS ONLY (INFANT MEANS A CHILD UNDER 2 YEARS OLD).
"
Original app. received date: 850221
Facility closed date: Not Reported
Mailing address: 809 SOUTH MAYFAIR AVENUE
Mailing city: DALY CITY
Mailing state: CA
Mailing zip: 94015
Contact person: "VORRISES, LOUISE "
Facility capacity: 12
Type of clients served: 960
Facility phone: 4159923324

MAP FINDINGS

Map ID
Direction
Distance
Distance (ft.)
Elevation **Site** **EDR ID** **Database**

B21 SRDCCA200734320
SSW EDR ID: SRDCCA200734320 Daycare
1/2-1 mi Facility number: 414002064
2956 Facility name: "BARCELLOS, LINDA S. "
Higher Facility eval. code: 0303
Facility office number: 05
Facility county number: 41
Facility type code: 810
Facility status code: 03
Address: 919 BRADLEY DRIVE
City: DALY CITY
State: CA
Zip: 94015
Alt. address: 919 BRADLEY DRIVE
City: DALY CITY
State: CA
Zip: 94015
Facility investor: "BARCELLOS, LINDA S. "
Licensee type: A
License effective date: 60608
License expiration date: Not Reported
License issue date: 060608
Program type: "MAX. CAP: 6 - NO MORE THAN 3 INFANTS OR 4 INFANTS ONLY.
CAP 8 - NO MORE THAN 2 INFANTS, 1 CHILD IN KINDERGARTEN OR ELEMENTARY SCHOOL AND 1 CHILD AT LEAST AGE 6. "
Original app. received date: 060426
Facility closed date: Not Reported
Mailing address: 919 BRADLEY DRIVE
Mailing city: DALY CITY
Mailing state: CA
Mailing zip: 94015
Contact person: "BARCELLOS, LINDA S. "
Facility capacity: 8
Type of clients served: 960
Facility phone: 6507047618

B22 SRDCCA200732695
SSW EDR ID: SRDCCA200732695 Daycare
1/2-1 mi Facility number: 414002009
3031 Facility name: "ROSARIO, LIBERTY F. "
Higher Facility eval. code: 0303
Facility office number: 05
Facility county number: 41
Facility type code: 810
Facility status code: 03
Address: 931 BRADLEY DRIVE
City: DALY CITY
State: CA
Zip: 94015
Alt. address: 931 BRADLEY DRIVE
City: DALY CITY
State: CA
Zip: 94015
Facility investor: "ROSARIO, LIBERTY F. "
Licensee type: A

License effective date: 60425
License expiration date: Not Reported
License issue date: 060425
Program type: "MAX. CAP: 6 - NO MORE THAN 3 INFANTS OR 4 INFANTS ONLY.
CAP 8 - NO MORE THAN 2 INFANTS, 1 CHILD IN KINDERGARTEN OR ELEMENTARY SCHOOL AND 1 CHILD AT LEAST AGE 6. "
Original app. received date: 060120
Facility closed date: Not Reported
Mailing address: 931 BRADLEY DRIVE
Mailing city: DALY CITY
Mailing state: CA
Mailing zip: 94015
Contact person: "ROSARIO, LIBERTY F. "
Facility capacity: 8
Type of clients served: 960
Facility phone: 6509944753

23
NNE
1/2-1 mi
3106
Higher

SRPU20071011742
Public Schools

Ncessch: 061887002291
Schname05: WESTLAKE ELEMENTARY
Mstreet05: 80 FIELDCREST DR.
Mcity05: DALY CITY
Mstate05: CA
Mzip05: 94015
Mzip405: 1004
Member05: 373
Phone05: (650) 991-1252
Locale05: 3
Type05: 1
Level05: 1
Gslo05: KG
Gshi05: 06
Edr id: SRPU20071011742

24
SW
1/2-1 mi
3117
Higher

SRPU20071011740
Public Schools

Ncessch: 061887002289
Schname05: MARJORIE H. TOBIAS ELEMENTARY
Mstreet05: 725 SOUTHGATE AVE.
Mcity05: DALY CITY
Mstate05: CA
Mzip05: 94015
Mzip405: 3659
Member05: 322
Phone05: (650) 991-1246
Locale05: 3
Type05: 1
Level05: 1
Gslo05: KG
Gshi05: 06
Edr id: SRPU20071011740

MAP FINDINGS

Map ID Direction Distance Distance (ft.) Elevation	Site		EDR ID Database
25 WNW 1/2-1 mi 3197 Higher			SRDCCA200709877 Daycare
	EDR ID:	SRDCCA200709877	
	Facility number:	414000573	
	Facility name:	"SHNEYDER, MUSYA "	
	Facility eval. code:	0303	
	Facility office number:	05	
	Facility county number:	41	
	Facility type code:	810	
	Facility status code:	03	
	Address:	24 GARDEN GROVE DRIVE	
	City:	DALY CITY	
	State:	CA	
	Zip:	94015	
	Alt. address:	24 GARDEN GROVE DRIVE	
	City:	DALY CITY	
	State:	CA	
	Zip:	94015	
	Facility investor:	"SHNEYDER, MUSYA "	
	Licensee type:	A	
	License effective date:	980316	
	License expiration date:	Not Reported	
	License issue date:	980316	
	Program type:	"MAXIMUM CAPACITY: 6 CHILDREN WITH NO MORE THAN 3 INFANTS, OR 4 INFANTSONLY, OR CAPACITY 8 CHILDREN WHEN 2 ARE AT LEAST 6 YEARS OF AGE WITH AMAXIMUM OF 2 INFANTS; PROPERTY OWNER/LANDLORD CONSENT IS REQUIRED "	
	Original app. received date:	980304	
	Facility closed date:	Not Reported	
	Mailing address:	24 GARDEN GROVE DRIVE	
	Mailing city:	DALY CITY	
	Mailing state:	CA	
	Mailing zip:	94015	
	Contact person:	"SHNEYDER, MUSYA "	
	Facility capacity:	8	
	Type of clients served:	960	
	Facility phone:	6507563266	
26 South 1/2-1 mi 3359 Higher			SRHO20070109148 AHA Hospitals
	Hospital type:	02	
	Num of times COO:	00	
	Owner date:	Not Reported	
	City:	DALY CITY	
	Has plan of corr:	1	
	Compliance status:	A	
	SSA county code:	510	
	Cross ref number:	Not Reported	
	FMS survey date:	20040824	
	Current survey date:	20050912	
	Medicare/Medicaid:	1	
	Facility name:	LARCHMONT HOME	
	Intermediary/Carrier:	Not Reported	
	Medicaid number:	Not Reported	
	Partcipation date:	20011030	
	Prior COO date:	Not Reported	
	Prior carrier:	Not Reported	

Provider ID:	55G411
Record Status:	A
Region code:	09
Is Partial Record:	Not Reported
state abbrev:	CA
ssa state:	05
state region cd:	SF
street address:	627 LARCHMONT DRIVE
Phone num:	6509943673
Termination reason:	00
Term Date:	Not Reported
Purpose of action:	2
Provider control:	02
Zip:	94015
Fips state:	06
Fips cnty:	081
SSA MSA:	526
SSA MSA size code:	B
Date accredited:	Not Reported
Accred expire date:	Not Reported
Accred Org:	Not Reported
Num beds:	0006
Num cert beds:	0006
Source:	US_HOSPITAL_POSOTHER
Edr id:	SRHO20070109148

27
North
1/2-1 mi
3370
Lower

SRDCCA200715809
Daycare

EDR ID:	SRDCCA200715809
Facility number:	414001315
Facility name:	"CHICO, LOURDES G. "
Facility eval. code:	0303
Facility office number:	05
Facility county number:	41
Facility type code:	810
Facility status code:	03
Address:	31 MANOR COURT
City:	DALY CITY
State:	CA
Zip:	94015
Alt. address:	31 MANOR COURT
City:	DALY CITY
State:	CA
Zip:	94015
Facility investor:	"CHICO, LOURDES G. "
Licensee type:	A
License effective date:	20731
License expiration date:	Not Reported
License issue date:	020731
Program type:	"MAXIMUM CAPACITY: 6 CHILDREN WITH NO MORE THAN 3 INFANTS, OR 4 INFANTSONLY, OR CAPACITY 8 CHILDREN WHEN 2 ARE AT LEAST 6 YEARS OF AGE WITH AMAXIMUM OF 2 INFANTS; PROPERTY OWNER/LANDLORD CONSENT IS REQUIRED "
Original app. received date:	020611
Facility closed date:	Not Reported
Mailing address:	31 MANOR COURT

Mailing city:	DALY CITY	
Mailing state:	CA	
Mailing zip:	94015	
Contact person:	"CHICO, LOURDES G. "	
Facility capacity:	8	
Type of clients served:	960	
Facility phone:	6509922935	

28 SRHO20070158043
SE AHA Hospitals
1/2-1 mi
3464
Higher

Hospital type:	01
Num of times COO:	00
Owner date:	Not Reported
City:	DALY CITY
Has plan of corr:	Not Reported
Compliance status:	Not Reported
SSA county code:	510
Cross ref number:	Not Reported
FMS survey date:	Not Reported
Current survey date:	Not Reported
Medicare/Medicaid:	Not Reported
Facility name:	NORTH COUNTY HEALTH CENTER
Intermediary/Carrier:	Not Reported
Medicaid number:	Not Reported
Partcipation date:	20000309
Prior COO date:	Not Reported
Prior carrier:	Not Reported
Provider ID:	05D0971301
Record Status:	A
Region code:	09
Is Partial Record:	Y
state abbrev:	CA
ssa state:	05
state region cd:	LAB
street address:	380 90TH STREET
Phone num:	6505732646
Termination reason:	12
Term Date:	20020308
Purpose of action:	Not Reported
Provider control:	06
Zip:	94015
Fips state:	06
Fips cnty:	081
SSA MSA:	526
SSA MSA size code:	B
Date accredited:	Not Reported
Accred expire date:	Not Reported
Accred Org:	Not Reported
Num beds:	0000
Num cert beds:	0000
Source:	US_HOSPITAL_POSCLIA
Edr id:	SRHO20070158043

29 SRDCCA200714519
North EDR ID: SRDCCA200714519 Daycare
1/2-1 mi Facility number: 414001138
3503 Facility name: "JI, HYE SOOK "
Lower Facility eval. code: 0303
Facility office number: 05
Facility county number: 41
Facility type code: 810
Facility status code: 03
Address: 64 WESTPARK DRIVE
City: DALY CITY
State: CA
Zip: 94015
Alt. address: 64 WESTPARK DRIVE
City: DALY CITY
State: CA
Zip: 94015
Facility investor: "JI, HYE SOOK "
Licensee type: A
License effective date: 10313
License expiration date: Not Reported
License issue date: 010313
Program type: "MAXIMUM CAPACITY: 12 CHILDREN, WITH NO MORE THAN 4 INFANTS, OR CAPACITY 14 CHILDREN WHEN 2 CHILDREN ARE AT LEAST 6 YEARS OF AGE WITH A MAXIMUM OF 3 INFANTS; PROPERTY OWNER/LANDLORD CONSENT IS REQUIRED "
Original app. received date: 010312
Facility closed date: Not Reported
Mailing address: 64 WESTPARK DRIVE
Mailing city: DALY CITY
Mailing state: CA
Mailing zip: 94015
Contact person: "JI, HYE SOOK "
Facility capacity: 14
Type of clients served: 960
Facility phone: 6509924245

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30 SRDCCA200739177
SW EDR ID: SRDCCA200739177 Daycare
1/2-1 mi Facility number: 414002128
3508 Facility name: "DIMAGUILA-SCHOEN, EMELITA D. "
Higher Facility eval. code: 0303
Facility office number: 05
Facility county number: 41
Facility type code: 810
Facility status code: 03
Address: 1240 SOUTH MAYFAIR AVENUE
City: DALY CITY
State: CA
Zip: 94015
Alt. address: 1240 SOUTH MAYFAIR AVENUE
City: DALY CITY
State: CA
Zip: 94015
Facility investor: "DIMAGUILA-SCHOEN, EMELITA D. "
Licensee type: A

License effective date: 70118
License expiration date: Not Reported
License issue date: 070118
Program type: "MAX. CAP: 6 - NO MORE THAN 3 INFANTS OR 4 INFANTS ONLY.
CAP 8 - NO MORE THAN 2 INFANTS, 1 CHILD IN KINDERGARTEN OR ELEMENTARY SCHOOL AND 1 CHILD AT LEAST AGE 6. "
Original app. received date: 061023
Facility closed date: Not Reported
Mailing address: 1240 SOUTH MAYFAIR AVENUE
Mailing city: DALY CITY
Mailing state: CA
Mailing zip: 94015
Contact person: "DIMAGUILA-SCHOEN, EMELITA "
Facility capacity: 8
Type of clients served: 960
Facility phone: 6505800236

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31 SRDCCA200753859
ESE EDR ID: SRDCCA200753859 Daycare
1/2-1 mi Facility number: 414001183
3516 Facility name: PRECIOUS MOMENTS PRESCHOOL
Higher Facility eval. code: 0303
Facility office number: 05
Facility county number: 41
Facility type code: 850
Facility status code: 03
Address: 1020 SULLIVAN
City: DALY CITY
State: CA
Zip: 94015
Alt. address: 1020 SULLIVAN
City: DALY CITY
State: CA
Zip: 94015
Facility investor: "KHARSA, GHADA "
Licensee type: A
License effective date: 11015
License expiration date: Not Reported
License issue date: 011015
Program type: LICENSED TO SERVE CHILDREN AGED 2.5 TO 5 YEARS OLD.
HOURS OF OPERATION 7:30AM-6:OOPM.
Original app. received date: 010904
Facility closed date: Not Reported
Mailing address: 1327 39TH AVENUE
Mailing city: SAN FRANCISCO
Mailing state: CA
Mailing zip: 94015
Contact person: "KHARSA, GHADA "
Facility capacity: 19
Type of clients served: 950
Facility phone: 6507565233

MAP FINDINGS

Map ID Direction Distance Distance (ft.) Elevation	Site	EDR ID Database

C32
SE
1/2-1 mi
3798
Higher

SRDCCA200745802
Daycare

EDR ID:	SRDCCA200745802
Facility number:	414001086
Facility name:	HOOVER CHILDREN'S CENTER - IMAGINATION STATION
Facility eval. code:	0303
Facility office number:	05
Facility county number:	41
Facility type code:	840
Facility status code:	03
Address:	280 92ND STREET
City:	DALY CITY
State:	CA
Zip:	94015
Alt. address:	280 92ND STREET
City:	DALY CITY
State:	CA
Zip:	94015
Facility investor:	"MCCARTHY CHILD CARE FACILITIES, INC. "
Licensee type:	D
License effective date:	1026
License expiration date:	Not Reported
License issue date:	001026
Program type:	"LICENSED TO SERVE CHILDREN AGED 6 - 12 YRS. OLD. HOURS OF OPERATION: MONDAY - FRIDAY, 7:00 AM - 9:00 PM. "
Original app. received date:	001003
Facility closed date:	Not Reported
Mailing address:	280 92ND STREET
Mailing city:	DALY CITY
Mailing state:	CA
Mailing zip:	94015
Contact person:	"PIZZO, BARBARA "
Facility capacity:	12
Type of clients served:	950
Facility phone:	6507468356

C33
SE
1/2-1 mi
3798
Higher

SRDCCA200743837
Daycare

EDR ID:	SRDCCA200743837
Facility number:	414002175
Facility name:	HOOVER CHILDREN'S CENTER-IMAGINATION STATION
Facility eval. code:	0307
Facility office number:	05
Facility county number:	41
Facility type code:	830
Facility status code:	04
Address:	280 92ND STREET
City:	DALY CITY
State:	CA
Zip:	94015
Alt. address:	280 92ND STREET
City:	DALY CITY
State:	CA
Zip:	94015
Facility investor:	PENINSULA CHILDCARE CENTERS INC.
Licensee type:	D

License effective date: 70227
License expiration date: 070827
License issue date: 070227
Program type: LICENSED TO SERVE CHILDREN AGED 2 MONTHS TO 24 MONTHS.
HOURS AND DAYS OF OPERATION: MONDAY-FRIDAY 7:00AM TO 6:00 PM
Original app. received date: 070214
Facility closed date: Not Reported
Mailing address: "1133 DOUGLAS AVENUE, #102 "
Mailing city: BURLINGAME
Mailing state: CA
Mailing zip: 94010
Contact person: BARBARA PIZZO
Facility capacity: 9
Type of clients served: 955
Facility phone: 6507468353

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34 SRDCCA200702876
SSE EDR ID: SRDCCA200702876 Daycare
1/2-1 mi Facility number: 410507042
3812 Facility name: "LEWIS, LORENDA "
Higher Facility eval. code: 0302
Facility office number: 05
Facility county number: 41
Facility type code: 810
Facility status code: 03
Address: 1720 LOUVAINE DRIVE
City: COLMA
State: CA
Zip: 94014
Alt. address: 1720 LOUVAINE DRIVE
City: COLMA
State: CA
Zip: 94014
Facility investor: "LEWIS, LORENDA "
Licensee type: A
License effective date: 940701
License expiration date: Not Reported
License issue date: 880701
Program type: "MAXIMUM CAPACITY: 6 CHILDREN, INCLUDING LICENSEE'S CHILDREN UNDER 10 YEARS OF AGE WHO RESIDE IN THE HOME, WITH NO MORE THAN 3 INFANTS OR 4 INFANTS ONLY (INFANT MEANS A CHILD UNDER 2 YEARS OLD). "
Original app. received date: 880415
Facility closed date: Not Reported
Mailing address: 1720 LOUVAINE DRIVE
Mailing city: COLMA
Mailing state: CA
Mailing zip: 94014
Contact person: "LEWIS, LORENDA "
Facility capacity: 6
Type of clients served: 960
Facility phone: 6509920297

MAP FINDINGS

Map ID Direction Distance Distance (ft.) Elevation	Site		EDR ID Database
NA West 1/2-1 mi 3882 NA			CUSA136108 FED_LAND
	Name:	Golden Gate National Recreation Area	
	Feature:	National Recreation Area NPS	
	URL:	http://www.nps.gov/goga	
	Bureau:	NPS	
	State:	CA	
	Is DOD?:	No	
35 SSW 1/2-1 mi 4024 Higher			SRDCCA200707766 Daycare
	EDR ID:	SRDCCA200707766	
	Facility number:	414000353	
	Facility name:	"GAMOS, CARLINA G. "	
	Facility eval. code:	0303	
	Facility office number:	05	
	Facility county number:	41	
	Facility type code:	810	
	Facility status code:	03	
	Address:	327 SKYLINE DRIVE	
	City:	DALY CITY	
	State:	CA	
	Zip:	94015	
	Alt. address:	327 SKYLINE DRIVE	
	City:	DALY CITY	
	State:	CA	
	Zip:	94015	
	Facility investor:	"GAMOS, CARLINA G. "	
	Licensee type:	A	
	License effective date:	970115	
	License expiration date:	Not Reported	
	License issue date:	970115	
	Program type:	"MAXIMUM CAPACITY: 12 CHILDREN, WITH NO MORE THAN 4 INFANTS, OR CAPACITY 14 CHILDREN WHEN 2 CHILDREN ARE AT LEAST 6 YEARS OF AGE WITH A MAXIMUM OF 3 INFANTS; PROPERTY OWNER/LANDLORD CONSENT IS REQUIRED. "	
	Original app. received date:	970113	
	Facility closed date:	Not Reported	
	Mailing address:	327 SKYLINE DRIVE	
	Mailing city:	DALY CITY	
	Mailing state:	CA	
	Mailing zip:	94015	
	Contact person:	"GAMOS, CARLINA G. "	
	Facility capacity:	14	
	Type of clients served:	960	
	Facility phone:	6507570991	
D36 WNW 1/2-1 mi 4064 Higher			SRDCCA200725033 Daycare
	EDR ID:	SRDCCA200725033	
	Facility number:	414001679	
	Facility name:	"MARTINEZ, SAMANTHA LEAH "	
	Facility eval. code:	0303	
	Facility office number:	05	
	Facility county number:	41	
	Facility type code:	810	
	Facility status code:	03	
	Address:	376 NORTHGATE AVENUE	

City:	DALY CITY
State:	CA
Zip:	94015
Alt. address:	376 NORTHGATE AVENUE
City:	DALY CITY
State:	CA
Zip:	94015
Facility investor:	"MARTINEZ, SAMANTHA LEAH "
Licensee type:	A
License effective date:	40217
License expiration date:	Not Reported
License issue date:	040217
Program type:	"MAXIMUM CAPACITY: 12 CHILDREN, WITH NO MORE THAN 4 INFANTS, OR CAPACITY 14 CHILDREN WHEN 2 CHILDREN ARE AT LEAST 6 YEARS OF AGE WITH A MAXIMUM OF 3 INFANTS; PROPERTY OWNER/LANDLORD CONSENT IS REQUIRED "
Original app. received date:	031222
Facility closed date:	Not Reported
Mailing address:	376 NORTHGATE AVENUE
Mailing city:	DALY CITY
Mailing state:	CA
Mailing zip:	94015
Contact person:	"MARTINEZ, SAMANTHA L. "
Facility capacity:	14
Type of clients served:	960
Facility phone:	6509946930

D37
WNW
1/2-1 mi
4143
Higher

SRDCCA200736242
Daycare

EDR ID:	SRDCCA200736242
Facility number:	414002102
Facility name:	"WONG, CAROL M. "
Facility eval. code:	0303
Facility office number:	05
Facility county number:	41
Facility type code:	810
Facility status code:	03
Address:	388 NORTHGATE AVENUE
City:	DALY CITY
State:	CA
Zip:	94015
Alt. address:	388 NORTHGATE AVENUE
City:	DALY CITY
State:	CA
Zip:	94015
Facility investor:	"WONG, CAROL M. "
Licensee type:	A
License effective date:	61024
License expiration date:	Not Reported
License issue date:	061024
Program type:	"MAX. CAP: 6 - NO MORE THAN 3 INFANTS OR 4 INFANTS ONLY. CAP 8 - NO MORE THAN 2 INFANTS, 1 CHILD IN KINDERGARTEN OR ELEMENTARY SCHOOL AND 1 CHILD AT LEAST AGE 6. "
Original app. received date:	060720
Facility closed date:	Not Reported
Mailing address:	388 NORTHGATE AVENUE
Mailing city:	DALY CITY

Mailing state:	CA	
Mailing zip:	94015	
Contact person:	"WONG, CAROL M. "	
Facility capacity:	8	
Type of clients served:	960	
Facility phone:	6507553288	

E38 SRHO20070148145
SE AHA Hospitals
1/2-1 mi
4163
Higher

Hospital type:	01
Num of times COO:	00
Owner date:	Not Reported
City:	DALY CITY
Has plan of corr:	Not Reported
Compliance status:	A
SSA county code:	510
Cross ref number:	Not Reported
FMS survey date:	20020718
Current survey date:	20060719
Medicare/Medicaid:	1
Facility name:	QUEST DIAGNOSTICS
Intermediary/Carrier:	Not Reported
Medicaid number:	Not Reported
Partcipation date:	19960730
Prior COO date:	Not Reported
Prior carrier:	Not Reported
Provider ID:	05D0918018
Record Status:	A
Region code:	09
Is Partial Record:	Not Reported
state abbrev:	CA
ssa state:	05
state region cd:	M2
street address:	550 WASHINGTON STREET, SUITE 100
Phone num:	6507566897
Termination reason:	00
Term Date:	20080826
Purpose of action:	2
Provider control:	04
Zip:	94015
Fips state:	06
Fips cnty:	081
SSA MSA:	526
SSA MSA size code:	B
Date accredited:	Not Reported
Accred expire date:	Not Reported
Accred Org:	Not Reported
Num beds:	0000
Num cert beds:	0000
Source:	US_HOSPITAL_POSCLIA
Edr id:	SRHO20070148145

E39 SRHO20070148603
SE AHA Hospitals
1/2-1 mi
4163
Higher

Hospital type:	01
Num of times COO:	00

Owner date:	Not Reported
City:	DALY CITY
Has plan of corr:	Not Reported
Compliance status:	Not Reported
SSA county code:	510
Cross ref number:	Not Reported
FMS survey date:	Not Reported
Current survey date:	Not Reported
Medicare/Medicaid:	Not Reported
Facility name:	AZ PACIFIC HOME HEALTH SERVICES INC
Intermediary/Carrier:	Not Reported
Medicaid number:	Not Reported
Partcipation date:	19951206
Prior COO date:	Not Reported
Prior carrier:	Not Reported
Provider ID:	05D0909469
Record Status:	A
Region code:	09
Is Partial Record:	Y
state abbrev:	CA
ssa state:	05
state region cd:	LAB
street address:	550 WASHINGTON STREET SUITE 105
Phone num:	6507575724
Termination reason:	08
Term Date:	20031205
Purpose of action:	Not Reported
Provider control:	04
Zip:	94015
Fips state:	06
Fips cnty:	081
SSA MSA:	526
SSA MSA size code:	B
Date accredited:	Not Reported
Accred expire date:	Not Reported
Accred Org:	Not Reported
Num beds:	0000
Num cert beds:	0000
Source:	US_HOSPITAL_POSCLIA
Edr id:	SRHO20070148603

E40 SRHO20070107343
SE AHA Hospitals
1/2-1 mi
4163
Higher

Hospital type:	01
Num of times COO:	01
Owner date:	19980101
City:	DALY CITY
Has plan of corr:	Not Reported
Compliance status:	B
SSA county code:	510
Cross ref number:	Not Reported
FMS survey date:	Not Reported
Current survey date:	19970929
Medicare/Medicaid:	2
Facility name:	AZ PACIFIC HOME HEALTH SERVICE
Intermediary/Carrier:	00040

Medicaid number:	HHA57662G
Partcipation date:	19960306
Prior COO date:	Not Reported
Prior carrier:	Not Reported
Provider ID:	557662
Record Status:	A
Region code:	09
Is Partial Record:	Not Reported
state abbrev:	CA
ssa state:	05
state region cd:	SF
street address:	550 WASHINGTON ST SUITE 105
Phone num:	6507575724
Termination reason:	01
Term Date:	20010912
Purpose of action:	3
Provider control:	04
Zip:	94015
Fips state:	06
Fips cnty:	081
SSA MSA:	526
SSA MSA size code:	B
Date accredited:	Not Reported
Accred expire date:	Not Reported
Accred Org:	0
Num beds:	0000
Num cert beds:	0000
Source:	US_HOSPITAL_POSOTHER
Edr id:	SRHO20070107343

41
SE
1/2-1 mi
4291
Higher

SRDCCA200748460
Daycare

EDR ID:	SRDCCA200748460
Facility number:	410509276
Facility name:	NOAH'S ARK PRESCHOOL & DAY CARE CENTER-EDGEWORTH
Facility eval. code:	0303
Facility office number:	05
Facility county number:	41
Facility type code:	850
Facility status code:	03
Address:	1595 EDGEWORTH AVENUE
City:	DALY CITY
State:	CA
Zip:	94015
Alt. address:	P.O. BOX 7030
City:	SAN MATEO
State:	CA
Zip:	94403
Facility investor:	"CAMPBELL, BILLY LEE "
Licensee type:	A
License effective date:	950403
License expiration date:	Not Reported
License issue date:	Not Reported
Program type:	"TO SERVE PRESCHOOL CHILDREN AGES 2 - 6 YRS. HOURS OF OPERATION: MONDAYTHRU FRIDAY, 7:00AM TO 6:00PM. "

Original app. received date:	850729
Facility closed date:	Not Reported
Mailing address:	"2333 SO. EL CAMINO REAL, STE B"
Mailing city:	SAN MATEO
Mailing state:	CA
Mailing zip:	94403
Contact person:	"CAMPBELL, BILLY LEE "
Facility capacity:	36
Type of clients served:	950
Facility phone:	6509919222

F42
SE
1/2-1 mi
4295
Higher

SRHO20070158165
AHA Hospitals

Hospital type:	01
Num of times COO:	00
Owner date:	Not Reported
City:	DALY CITY
Has plan of corr:	Not Reported
Compliance status:	Not Reported
SSA county code:	510
Cross ref number:	05D0987255
FMS survey date:	Not Reported
Current survey date:	Not Reported
Medicare/Medicaid:	Not Reported
Facility name:	DALY CITY YOUTH CENTER
Intermediary/Carrier:	Not Reported
Medicaid number:	Not Reported
Partcipation date:	20000309
Prior COO date:	Not Reported
Prior carrier:	Not Reported
Provider ID:	05D0971302
Record Status:	A
Region code:	09
Is Partial Record:	Y
state abbrev:	CA
ssa state:	05
state region cd:	LAB
street address:	2780 JUNIPERO SERRA BLVD
Phone num:	6505732646
Termination reason:	12
Term Date:	20020308
Purpose of action:	Not Reported
Provider control:	06
Zip:	94015
Fips state:	06
Fips cnty:	081
SSA MSA:	526
SSA MSA size code:	B
Date accredited:	Not Reported
Accred expire date:	Not Reported
Accred Org:	Not Reported
Num beds:	0000
Num cert beds:	0000
Source:	US_HOSPITAL_POSCLIA
Edr id:	SRHO20070158165

Map ID / Direction / Distance / Distance (ft.) / Elevation	Site		EDR ID / Database
F43			SRHO20070142732
SE	Hospital type:	01	AHA Hospitals
1/2-1 mi	Num of times COO:	00	
4295	Owner date:	Not Reported	
Higher	City:	DALY CITY	
	Has plan of corr:	Not Reported	
	Compliance status:	Not Reported	
	SSA county code:	510	
	Cross ref number:	Not Reported	
	FMS survey date:	Not Reported	
	Current survey date:	Not Reported	
	Medicare/Medicaid:	Not Reported	
	Facility name:	DALY CITY YOUTH HEALTH CENTER	
	Intermediary/Carrier:	Not Reported	
	Medicaid number:	Not Reported	
	Partcipation date:	19930114	
	Prior COO date:	Not Reported	
	Prior carrier:	Not Reported	
	Provider ID:	05D0857618	
	Record Status:	A	
	Region code:	09	
	Is Partial Record:	Not Reported	
	state abbrev:	CA	
	ssa state:	05	
	state region cd:	LAB	
	street address:	2780 JUNIPERO SERRA BLVD	
	Phone num:	4089912240	
	Termination reason:	15	
	Term Date:	19940831	
	Purpose of action:	Not Reported	
	Provider control:	06	
	Zip:	94015	
	Fips state:	06	
	Fips cnty:	081	
	SSA MSA:	526	
	SSA MSA size code:	B	
	Date accredited:	Not Reported	
	Accred expire date:	Not Reported	
	Accred Org:	Not Reported	
	Num beds:	0000	
	Num cert beds:	0000	
	Source:	US_HOSPITAL_POSCLIA	
	Edr id:	SRHO20070142732	

44			SRHO20070005875
SSE	Hospital type:	01	AHA Hospitals
1/2-1 mi	Num of times COO:	00	
4372	Owner date:	Not Reported	
Higher	City:	COLMA	
	Has plan of corr:	Not Reported	
	Compliance status:	A	
	SSA county code:	510	
	Cross ref number:	Not Reported	
	FMS survey date:	Not Reported	
	Current survey date:	19850619	

Medicare/Medicaid:	1
Facility name:	GUILLEN HOME PORTABLE X-RAY SE
Intermediary/Carrier:	00542
Medicaid number:	Not Reported
Partcipation date:	19710701
Prior COO date:	Not Reported
Prior carrier:	Not Reported
Provider ID:	05X0009801
Record Status:	A
Region code:	09
Is Partial Record:	Not Reported
state abbrev:	CA
ssa state:	05
state region cd:	SF
street address:	1643 SWEETWOOD DR
Phone num:	4159921571
Termination reason:	01
Term Date:	19920630
Purpose of action:	2
Provider control:	04
Zip:	94015
Fips state:	06
Fips cnty:	081
SSA MSA:	526
SSA MSA size code:	B
Date accredited:	Not Reported
Accred expire date:	Not Reported
Accred Org:	Not Reported
Num beds:	0000
Num cert beds:	0000
Source:	US_HOSPITAL_POSOTHER
Edr id:	SRHO20070005875

45
ENE
1/2-1 mi
4397
Higher

SRDCCA200747740
Daycare

EDR ID:	SRDCCA200747740
Facility number:	410503442
Facility name:	VILLAGE NURSERY SCHOOL
Facility eval. code:	0302
Facility office number:	05
Facility county number:	41
Facility type code:	850
Facility status code:	03
Address:	474 N PARKVIEW AVENUE
City:	DALY CITY
State:	CA
Zip:	94014
Alt. address:	474 N PARKVIEW AVENUE
City:	DALY CITY
State:	CA
Zip:	94014
Facility investor:	VILLAGE NURSERY SCHOOL
Licensee type:	C
License effective date:	941022
License expiration date:	Not Reported
License issue date:	Not Reported

Program type: "LICENSED TO SERVE AGES 2.0 TO 6.0 YEARS. DAYS AND HOURS OF OPERATION:ALL YEAR ROUND, 9:00 A.M. TO 12:00 NOON. "
Original app. received date: 790725
Facility closed date: Not Reported
Mailing address: 474 N PARKVIEW AVENUE
Mailing city: DALY CITY
Mailing state: CA
Mailing zip: 94014
Contact person: "GRAHAM, BARBARA "
Facility capacity: 24
Type of clients served: 950
Facility phone: 4159924350

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46 SRDCCA200750646
ENE EDR ID: SRDCCA200750646 Daycare
1/2-1 mi Facility number: 410509597
4498 Facility name: BAYSHORE CHILD CARE SVCS. - SOUTH PARK VIEW CENTER
Higher Facility eval. code: 0302
Facility office number: 05
Facility county number: 41
Facility type code: 850
Facility status code: 05
Address: 221 S. PARKVIEW AVE.
City: DALY CITY
State: CA
Zip: 94014
Alt. address: 45 MIDWAY DRIVE
City: DALY CITY
State: CA
Zip: 94014
Facility investor: BAYSHORE CHILD CARE SERVICES
Licensee type: C
License effective date: 950304
License expiration date: 070405
License issue date: Not Reported
Program type: "DAYS & HOURS OF OPERATION: MONDAY - FRIDAY, 7:00 A.M. - 6:00 P.M. AGES SERVED: 2 - 5 YEARS. "
Original app. received date: 860816
Facility closed date: Not Reported
Mailing address: 45 MIDWAY DRIVE
Mailing city: DALY CITY
Mailing state: CA
Mailing zip: 94014
Contact person: "PRINCE, TANYA "
Facility capacity: 40
Type of clients served: 950
Facility phone: 4153301714

G47 SRHO20070149799
SE Hospital type: 01 AHA Hospitals
1/2-1 mi Num of times COO: 00
4572 Owner date: Not Reported
Higher

City:	DALY CITY
Has plan of corr:	Not Reported
Compliance status:	Not Reported
SSA county code:	510
Cross ref number:	Not Reported
FMS survey date:	Not Reported
Current survey date:	Not Reported
Medicare/Medicaid:	Not Reported
Facility name:	JAENVES HOME HEALTH SERVICES
Intermediary/Carrier:	Not Reported
Medicaid number:	Not Reported
Partcipation date:	19951217
Prior COO date:	Not Reported
Prior carrier:	Not Reported
Provider ID:	05D0909767
Record Status:	A
Region code:	09
Is Partial Record:	Y
state abbrev:	CA
ssa state:	05
state region cd:	LAB
street address:	320 WASHINGTON ST #104
Phone num:	4159929973
Termination reason:	08
Term Date:	19991216
Purpose of action:	Not Reported
Provider control:	02
Zip:	94014
Fips state:	06
Fips cnty:	081
SSA MSA:	526
SSA MSA size code:	B
Date accredited:	Not Reported
Accred expire date:	Not Reported
Accred Org:	Not Reported
Num beds:	0000
Num cert beds:	0000
Source:	US_HOSPITAL_POSCLIA
Edr id:	SRHO20070149799

G48
SE
1/2-1 mi
4572
Higher

SRHO20070108816
AHA Hospitals

Hospital type:	01
Num of times COO:	00
Owner date:	Not Reported
City:	DALY CITY
Has plan of corr:	Not Reported
Compliance status:	B
SSA county code:	510
Cross ref number:	Not Reported
FMS survey date:	Not Reported
Current survey date:	19970527
Medicare/Medicaid:	2
Facility name:	JAENVES HOME HEALTH SERVICES
Intermediary/Carrier:	00040
Medicaid number:	Not Reported

Partcipation date:	19960422
Prior COO date:	Not Reported
Prior carrier:	Not Reported
Provider ID:	557686
Record Status:	A
Region code:	09
Is Partial Record:	Not Reported
state abbrev:	CA
ssa state:	05
state region cd:	SF
street address:	320 WASHINGTON STREET SUITE 104
Phone num:	4159929973
Termination reason:	05
Term Date:	19970716
Purpose of action:	3
Provider control:	04
Zip:	94015
Fips state:	06
Fips cnty:	081
SSA MSA:	526
SSA MSA size code:	B
Date accredited:	Not Reported
Accred expire date:	Not Reported
Accred Org:	0
Num beds:	0000
Num cert beds:	0000
Source:	US_HOSPITAL_POSOTHER
Edr id:	SRHO20070108816

49
East
1/2-1 mi
4586
Higher

SRDCCA200732161
Daycare

EDR ID:	SRDCCA200732161
Facility number:	414001942
Facility name:	"ALVARADO CORTEZ, REINA "
Facility eval. code:	0302
Facility office number:	05
Facility county number:	41
Facility type code:	810
Facility status code:	03
Address:	368 WESTLAKE AVENUE
City:	DALY CITY
State:	CA
Zip:	94014
Alt. address:	368 WESTLAKE AVENUE
City:	DALY CITY
State:	CA
Zip:	94014
Facility investor:	"ALVARADO CORTEZ, REINA "
Licensee type:	A
License effective date:	50906
License expiration date:	Not Reported
License issue date:	050906
Program type:	"MAX. CAP: 6 - NO MORE THAN 3 INFANTS OR 4 INFANTS ONLY. CAP 8 - NO MORE THAN 2 INFANTS, 1 CHILD IN KINDERGARTEN OR ELEMENTARY SCHOOL AND 1 CHILD AT LEAST AGE 6. "
Original app. received date:	050715

Facility closed date:	Not Reported
Mailing address:	368 WESTLAKE AVENUE
Mailing city:	DALY CITY
Mailing state:	CA
Mailing zip:	94014
Contact person:	"ALVARADO CORTEZ, REINA "
Facility capacity:	8
Type of clients served:	960
Facility phone:	6509924229

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50 SRDCCA200728559
ENE EDR ID: SRDCCA200728559 Daycare
1/2-1 mi Facility number: 414001830
4609 Facility name: "TONG, LAI YU C. "
Higher Facility eval. code: 0302
Facility office number: 05
Facility county number: 41
Facility type code: 810
Facility status code: 03
Address: 162 WILLITS STREET
City: DALY CITY
State: CA
Zip: 94014
Alt. address: 162 WILLITS STREET
City: DALY CITY
State: CA
Zip: 94014
Facility investor: "TONG, LAI YU C. "
Licensee type: A
License effective date: 41206
License expiration date: Not Reported
License issue date: 041206
Program type: "MAX. CAP: 6 - NO MORE THAN 3 INFANTS OR 4 INFANTS ONLY.
CAP 8 - NO MORE THAN 2 INFANTS, 1 CHILD IN KINDERGARTEN OR ELEMENTARY SCHOOL AND 1 CHILD AT LEAST AGE 6. "
Original app. received date: 041008
Facility closed date: Not Reported
Mailing address: 162 WILLITS STREET
Mailing city: DALY CITY
Mailing state: CA
Mailing zip: 94014
Contact person: "TONG, LAI YU C. "
Facility capacity: 8
Type of clients served: 960
Facility phone: 6507555378

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51 SRDCCA200722441
SSW EDR ID: SRDCCA200722441 Daycare
1/2-1 mi Facility number: 414001529
4659 Facility name: "PARRALES, VANI "
Higher Facility eval. code: 0303
Facility office number: 05
Facility county number: 41
Facility type code: 810

Facility status code:	03
Address:	71 MORNINGSIDE DRIVE
City:	DALY CITY
State:	CA
Zip:	94015
Alt. address:	71 MORNINGSIDE DRIVE
City:	DALY CITY
State:	CA
Zip:	94015
Facility investor:	"PARRALES, VANI "
Licensee type:	A
License effective date:	30916
License expiration date:	Not Reported
License issue date:	030916
Program type:	"MAXIMUM CAPACITY: 6 CHILDREN WITH NO MORE THAN 3 INFANTS, OR 4 INFANTSONLY, OR CAPACITY 8 CHILDREN WHEN 2 ARE AT LEAST 6 YEARS OF AGE WITH AMAXIMUM OF 2 INFANTS; PROPERTY OWNER/LANDLORD CONSENT IS REQUIRED "
Original app. received date:	030210
Facility closed date:	Not Reported
Mailing address:	71 MORNINGSIDE DRIVE
Mailing city:	DALY CITY
Mailing state:	CA
Mailing zip:	94015
Contact person:	"PARRALES, VANI "
Facility capacity:	8
Type of clients served:	960
Facility phone:	6509928418

52
South
1/2-1 mi
4728
Higher

SRDCCA200740845
Daycare

EDR ID:	SRDCCA200740845
Facility number:	414002153
Facility name:	"GAMOS, NOEL G. & FELICISIMO D. "
Facility eval. code:	0303
Facility office number:	05
Facility county number:	41
Facility type code:	810
Facility status code:	03
Address:	104 WESTMOOR AVENUE
City:	DALY CITY
State:	CA
Zip:	94015
Alt. address:	104 WESTMOOR AVENUE
City:	DALY CITY
State:	CA
Zip:	94015
Facility investor:	"GAMOS, NOEL G. & FELICISIMO D. "
Licensee type:	A
License effective date:	70419
License expiration date:	Not Reported
License issue date:	070419
Program type:	MAX. CAP(WHEN THERE IS AN ASSISTANT PRESENT): 12 - NO MORE THAN 4 INFANTS. CAP 14 - NO MORE THAN 3 INFANTS. 1 CHILD IN KINDERGARTEN OR ELEMENTARY SCHOOL AND 1 CHILD AT LEAST AGE 6.
Original app. received date:	070130

Facility closed date:	Not Reported	
Mailing address:	104 WESTMOOR AVENUE	
Mailing city:	DALY CITY	
Mailing state:	CA	
Mailing zip:	94015	
Contact person:	"GAMOS, NOEL & FELICISIMO "	
Facility capacity:	14	
Type of clients served:	960	
Facility phone:	6508340995	

53 SRDCCA200703215
East EDR ID: SRDCCA200703215 Daycare
1/2-1 mi Facility number: 410517372
4748 Facility name: "GALANG, EILEEN & ISMAELITO "
Higher Facility eval. code: 0302
Facility office number: 05
Facility county number: 41
Facility type code: 810
Facility status code: 03
Address: 355 WOODROW STREET
City: DALY CITY
State: CA
Zip: 94014
Alt. address: 355 WOODROW STREET
City: DALY CITY
State: CA
Zip: 94014
Facility investor: "GALANG, EILEEN CELSO & ISMAELITO G. "
Licensee type: A
License effective date: 930925
License expiration date: Not Reported
License issue date: 890512
Program type: "MAX.CAP: 12 CHILDREN, INCLUDING LICENSEE'S CHILDREN UNDER 10 YEARS OF AGE WHO RESIDE IN THE HOME, WITH NO MORE THAN 4 INFANTS (INFANT MEANS A CHILD UNDER 2 YRS. OLD). OFF LIMITS: SECOND LEVEL OF THE HOUSE. "
Original app. received date: 890227
Facility closed date: Not Reported
Mailing address: 355 WOODROW STREET
Mailing city: DALY CITY
Mailing state: CA
Mailing zip: 94014
Contact person: "GALANG, EILEEN "
Facility capacity: 12
Type of clients served: 960
Facility phone: 6507563514

54 SRDCCA200701317
SW EDR ID: SRDCCA200701317 Daycare
1/2-1 mi Facility number: 415650008
4779 Facility name: CARPENTER'S HOME FOR GIRLS II
Higher Facility eval. code: 1509
Facility office number: 14
Facility county number: 41
Facility type code: 730

Facility status code:	03
Address:	554 WESTMOORE AVENUE
City:	DALY CITY
State:	CA
Zip:	94115
Alt. address:	16 LEDYARD STREET
City:	SAN FRANCISCO
State:	CA
Zip:	94124
Facility investor:	"CARPENTER'S HOME FOR GIRLS, INC. "
Licensee type:	C
License effective date:	50818
License expiration date:	Not Reported
License issue date:	050818
Program type:	LICENSED TO SERVE AGES 6-17. ALL MUST BE AMBULATORY.
Original app. received date:	050615
Facility closed date:	Not Reported
Mailing address:	16 LEDYARD STREET
Mailing city:	SAN FRANCISCO
Mailing state:	CA
Mailing zip:	94124
Contact person:	"CARPENTER, ELLA "
Facility capacity:	6
Type of clients served:	950
Facility phone:	6507563416

H55
ESE
1/2-1 mi
4862
Higher

SRHO20070010203
AHA Hospitals

Hospital type:	03
Num of times COO:	00
Owner date:	Not Reported
City:	DALY CITY
Has plan of corr:	1
Compliance status:	A
SSA county code:	510
Cross ref number:	Not Reported
FMS survey date:	Not Reported
Current survey date:	19990421
Medicare/Medicaid:	1
Facility name:	VILLA CONVALESCENT CENTER
Intermediary/Carrier:	52280
Medicaid number:	Not Reported
Partcipation date:	19670101
Prior COO date:	Not Reported
Prior carrier:	Not Reported
Provider ID:	055221
Record Status:	A
Region code:	09
Is Partial Record:	Not Reported
state abbrev:	CA
ssa state:	05
state region cd:	SF
street address:	130 VALE ST
Phone num:	4157550411
Termination reason:	01
Term Date:	19990721

Purpose of action:	2
Provider control:	03
Zip:	94014
Fips state:	06
Fips cnty:	081
SSA MSA:	526
SSA MSA size code:	B
Date accredited:	Not Reported
Accred expire date:	Not Reported
Accred Org:	Not Reported
Num beds:	0054
Num cert beds:	0054
Source:	US_HOSPITAL_POSOTHER
Edr id:	SRHO20070010203

H56
ESE
1/2-1 mi
4862
Higher

SRHO20070135203
AHA Hospitals

Hospital type:	01
Num of times COO:	00
Owner date:	Not Reported
City:	DALY CITY
Has plan of corr:	Not Reported
Compliance status:	Not Reported
SSA county code:	510
Cross ref number:	Not Reported
FMS survey date:	Not Reported
Current survey date:	Not Reported
Medicare/Medicaid:	Not Reported
Facility name:	VILLA CONVALESCENT CTR
Intermediary/Carrier:	Not Reported
Medicaid number:	Not Reported
Partcipation date:	19930305
Prior COO date:	Not Reported
Prior carrier:	Not Reported
Provider ID:	05D0591157
Record Status:	A
Region code:	09
Is Partial Record:	Y
state abbrev:	CA
ssa state:	05
state region cd:	LAB
street address:	130 VALE
Phone num:	4157550411
Termination reason:	00
Term Date:	20080831
Purpose of action:	Not Reported
Provider control:	04
Zip:	94014
Fips state:	06
Fips cnty:	081
SSA MSA:	526
SSA MSA size code:	B
Date accredited:	Not Reported
Accred expire date:	Not Reported
Accred Org:	Not Reported
Num beds:	0000

Num cert beds: 0000
Source: US_HOSPITAL_POSCLIA
Edr id: SRHO20070135203

---

57 SRDCCA200703655
SW EDR ID: SRDCCA200703655 Daycare
1/2-1 mi Facility number: 410502792
4883 Facility name: "POTTHOFF, PENNY "
Higher Facility eval. code: 0303
Facility office number: 05
Facility county number: 41
Facility type code: 810
Facility status code: 03
Address: 174 PALISADES DR
City: DALY CITY
State: CA
Zip: 94015
Alt. address: 174 PALISADES DR
City: DALY CITY
State: CA
Zip: 94015
Facility investor: "POTTHOFF, PENNY "
Licensee type: A
License effective date: 940126
License expiration date: Not Reported
License issue date: Not Reported
Program type: "MAX. CAPA: 12 CHILDREN, INCLUDING LICENSEE'S CHILDREN UNDER 10 YRS OF AGE WHO RESIDE IN THE HOME, WITH NO MORE THAN 3 INFANTS OR 4 INFANTS ONLY (INFANT IS A CHILD UNDER 2 YRS OLD). OFF LIMITS: FOUR BEDROOMS & "
Original app. received date: 770819
Facility closed date: Not Reported
Mailing address: 174 PALISADES DR
Mailing city: DALY CITY
Mailing state: CA
Mailing zip: 94015
Contact person: "POTTHOFF, PENNY "
Facility capacity: 12
Type of clients served: 950
Facility phone: 6509928016

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58 SRDCCA200723541
ENE EDR ID: SRDCCA200723541 Daycare
1/2-1 mi Facility number: 414001620
4915 Facility name: "RAMOS, JENELLY "
Higher Facility eval. code: 0302
Facility office number: 05
Facility county number: 41
Facility type code: 810
Facility status code: 03
Address: 134 WOODROW STREET
City: DALY CITY
State: CA
Zip: 94014

Alt. address:	134 WOODROW STREET
City:	DALY CITY
State:	CA
Zip:	94014
Facility investor:	"RAMOS, JENELLY "
Licensee type:	A
License effective date:	31118
License expiration date:	Not Reported
License issue date:	031118
Program type:	"MAXIMUM CAPACITY: 6 CHILDREN WITH NO MORE THAN 3 INFANTS, OR 4 INFANTSONLY, OR CAPACITY 8 CHILDREN WHEN 2 ARE AT LEAST 6 YEARS OF AGE WITH AMAXIMUM OF 2 INFANTS; PROPERTY OWNER/LANDLORD CONSENT IS REQUIRED "
Original app. received date:	030818
Facility closed date:	Not Reported
Mailing address:	134 WOODROW STREET
Mailing city:	DALY CITY
Mailing state:	CA
Mailing zip:	94014
Contact person:	"RAMOS, JENELLY "
Facility capacity:	8
Type of clients served:	960
Facility phone:	6507578019

59
SSE
1/2-1 mi
4971
Higher

SRPU20071011739
Public Schools

Ncessch:	061887002288
Schname05:	MARGARET PAULINE BROWN ELEMENTARY
Mstreet05:	305 EASTMOOR AVE.
Mcity05:	DALY CITY
Mstate05:	CA
Mzip05:	94015
Mzip405:	2038
Member05:	318
Phone05:	(650) 991-1243
Locale05:	3
Type05:	1
Level05:	1
Gslo05:	KG
Gshi05:	06
Edr id:	SRPU20071011739

60
South
1/2-1 mi
5053
Higher

SRPU20071011750
Public Schools

Ncessch:	061893002298
Schname05:	WESTMOOR HIGH
Mstreet05:	131 WESTMOOR AVE.
Mcity05:	DALY CITY
Mstate05:	CA
Mzip05:	94015
Mzip405:	3843
Member05:	1848
Phone05:	(650) 550-7400
Locale05:	3
Type05:	1
Level05:	3

Gslo05: 09
Gshi05: 12
Edr id: SRPU20071011750

---

61 SRDCCA200753326
ENE EDR ID: SRDCCA200753326 Daycare
1/2-1 mi Facility number: 414001748
5088 Facility name: EARLY LEARNING ACADEMY
Higher Facility eval. code: 0302
Facility office number: 05
Facility county number: 41
Facility type code: 850
Facility status code: 03
Address: 474 SAN DIEGO AVENUE
City: DALY CITY
State: CA
Zip: 94014
Alt. address: P O BOX 636
City: SALT LAKE CITY
State: UT
Zip: 84110
Facility investor: PINNACLE SCHOOLS LLC
Licensee type: G
License effective date: 50414
License expiration date: Not Reported
License issue date: 050414
Program type: LICENSED TO SERVE CHILDREN AGED 2 TO 6 YEARS OLD.
DAYS & HOURS OF OPERATION: MONDAY-FRIDAY 7:00AM-6:OOPM.
SCHEDULED PLAYGROUND WAIVER.
Original app. received date: 050406
Facility closed date: Not Reported
Mailing address: P O BOX 636
Mailing city: SALT LAKE CITY
Mailing state: UT
Mailing zip: 84110
Contact person: SUSAN IGNACIO-HAO
Facility capacity: 47
Type of clients served: 950
Facility phone: 6507558440

NA CUSA112474
WSW Name: California Coastal National Monument FED_LAND
1-2 mi Feature: National Monument BLM
5385 URL: http://www.ca.blm.gov/hollister/coastal_monument.html
NA Bureau: BLM
State: CA
Is DOD?: No

NA CUSA136108
NW Name: Golden Gate National Recreation Area FED_LAND
1-2 mi Feature: National Recreation Area NPS
6774 URL: http://www.nps.gov/goga
NA Bureau: NPS

State: CA
Is DOD?: No

RECORDS SEARCHED/DATA CURRENCY TRACKING

Census

Source: U.S. Census Bureau
Telephone: 301-763-4636
2010 U.S. Census data was used to estimate residential population following these EPA guidelines:
"Census data are presented by Census tract. If your circle covers only a portion of the tract, you should develop an estimate for that portion...Determine the population density per square mile (total population of the Census tract divided by the number of square miles in the tract) and apply that density figure to the number of square miles within your circle."

FED_LAND: Federal Lands

Source: USGS
Telephone: 888-275-8747
Federal lands data. Includes data from several Federal land management agencies, including Fish and Wildlife Service, Bureau of Land Management, National Park Service, and Forest Service. Includes National Parks, Forests, Monuments; . Wildlife Sanctuaries, Preserves, Refuges; Federal Wilderness Areas.

AHA Hospitals:

Source: American Hospital Association, Inc.
Telephone: 312-280-5991
The database includes a listing of hospitals based on the American Hospital Association's annual survey of hospitals.

Medical Centers: Provider of Services Listing

Source: Centers for Medicare & Medicaid Services
Telephone: 410-786-3000
A listing of hospitals with Medicare provider number, produced by Centers of Medicare & Medicaid Services, a federal agency within the U.S. Department of Health and Human Services.

Nursing Homes

Source: National Institutes of Health
Telephone: 301-594-6248
Information on Medicare and Medicaid certified nursing homes in the United States.

Public Schools

Source: National Center for Education Statistics
Telephone: 202-502-7300
The National Center for Education Statistics' primary database on elementary and secondary public education in the United States. It is a comprehensive, annual, national statistical database of all public elementary and secondary schools and school districts, which contains data that are comparable across all states.

Private Schools

Source: National Center for Education Statistics
Telephone: 202-502-7300
The National Center for Education Statistics' primary database on private school locations in the United States.

Colleges - Integrated Postsecondary Education Data

Source: National Center for Education Statistics
Telephone: 202-502-7300
The National Center for Education Statistics' primary database on integrated postsecondary education in the United States.

Arenas

Source: Dunhill International
EDR indicates the location of buildings and facilities - arenas - where individuals who are public receptors are likely to be located.

Prisons: Bureau of Prisons Facilities

Source: Federal Bureau of Prisons
Telephone: 202-307-3198
List of facilities operated by the Federal Bureau of Prisons.

Daycare Centers: Licensed Facilities

Source: Department of Social Services
Telephone: 916-657-4041

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Arco Service Station No 0465

151 Southgate Avenue

Daly City, CA 94015

Inquiry Number: 5079310.9

October 18, 2017

The EDR Aerial Photo Decade Package

6 Armstrong Road, 4th floor
Shelton, CT 06484
Toll Free: 800.352.0050
www.edrnet.com

EDR Aerial Photo Decade Package

10/18/17

Site Name:

Arco Service Station No 0465
151 Southgate Avenue
Daly City, CA 94015
EDR Inquiry # 5079310.9

Client Name:

Antea Group
2300 Contra Costa Blvd.
Pleasant Hill, CA 94523
Contact: Jonathan Fillingame

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Search Results:

Year	Scale	Details	Source
2012	1"=500'	Flight Year: 2012	USDA/NAIP
2010	1"=500'	Flight Year: 2010	USDA/NAIP
2009	1"=500'	Flight Year: 2009	USDA/NAIP
2005	1"=500'	Flight Year: 2005	USDA/NAIP
1998	1"=500'	Flight Date: September 06, 1998	USDA
1993	1"=500'	Acquisition Date: July 10, 1993	USGS/DOQQ
1982	1"=500'	Flight Date: August 16, 1982	USDA
1974	1"=500'	Flight Date: June 26, 1974	USGS
1968	1"=500'	Flight Date: April 16, 1968	USGS
1963	1"=500'	Flight Date: July 09, 1963	USGS
1956	1"=500'	Flight Date: September 08, 1956	USGS
1946	1"=500'	Flight Date: July 29, 1946	USGS
1943	1"=500'	Flight Date: October 11, 1943	USDA

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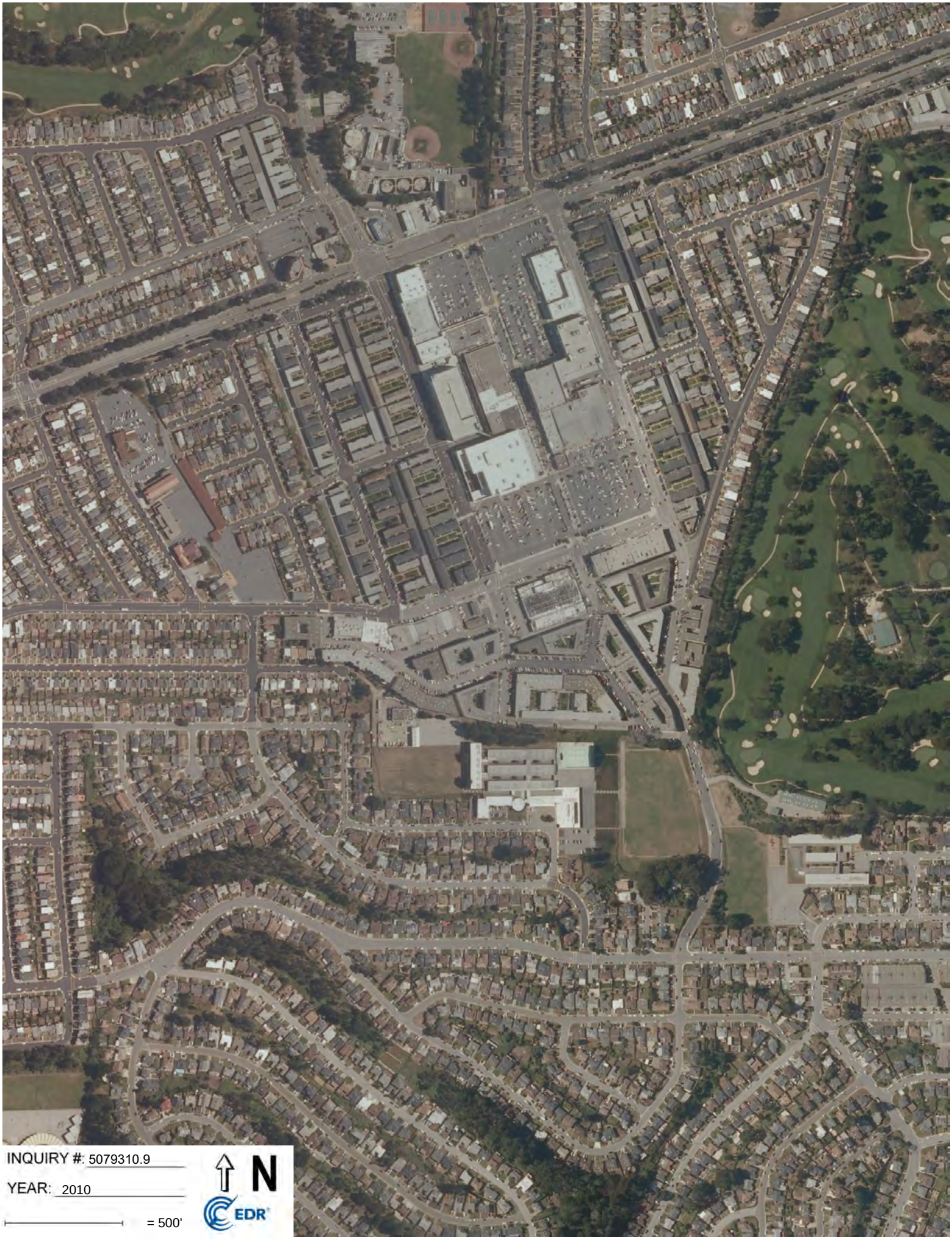
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YEAR: 2012
= 500'
N
EDR


INQUIRY #: 5079310.9
YEAR: 2010
= 500'
N
EDR

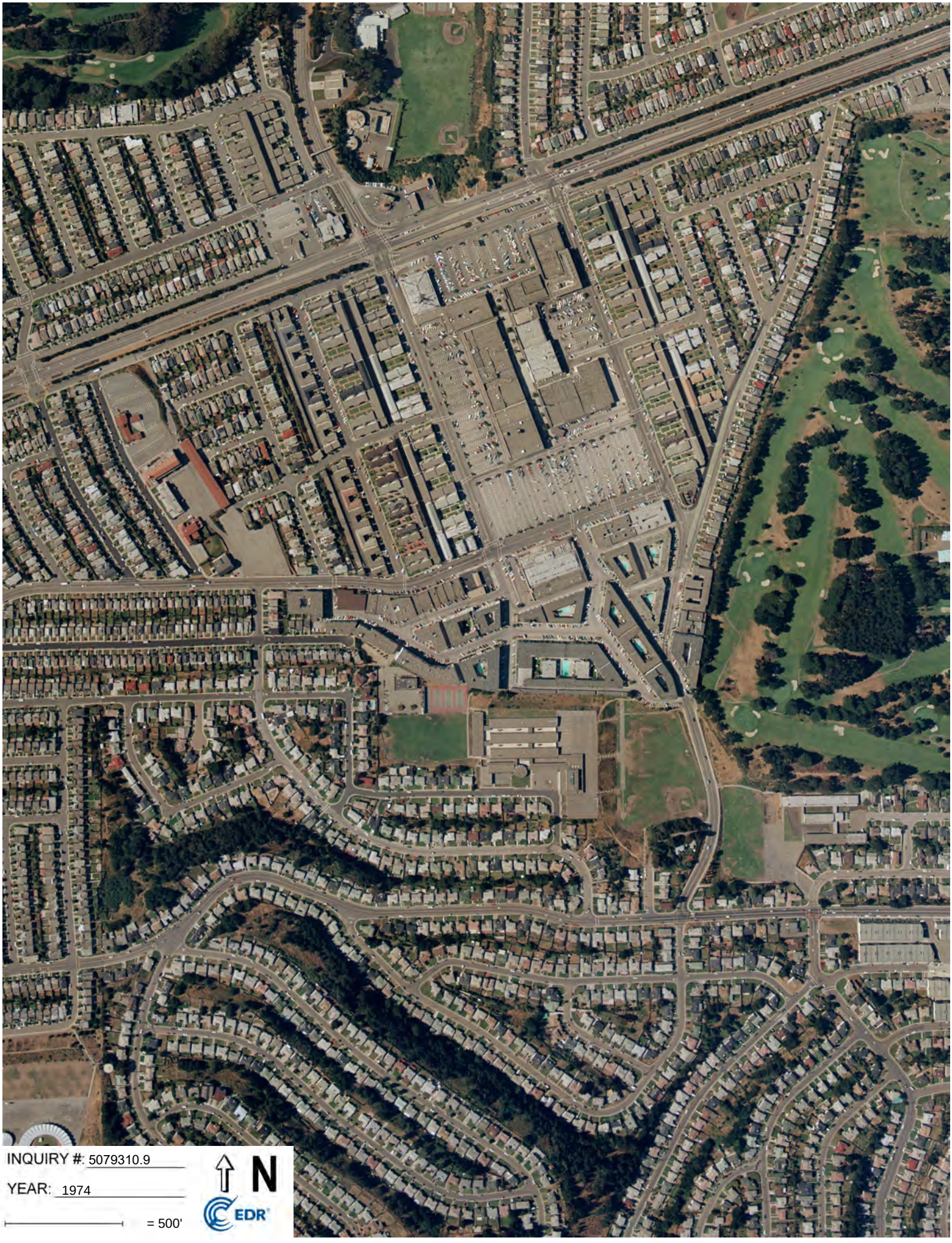

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YEAR: 2009
= 500'
N
EDR


INQUIRY #: 5079310.9
YEAR: 2005
= 500'
N
EDR


INQUIRY #: 5079310.9
YEAR: 1998
= 500'
N
EDR


INQUIRY #: 5079310.9
YEAR: 1993
= 500'
N
EDR


INQUIRY #: 5079310.9
YEAR: 1982
= 500'
N
EDR


INQUIRY #: 5079310.9
YEAR: 1974
= 500'
N
EDR


INQUIRY #: 5079310.9
YEAR: 1968
= 500'
N
EDR


INQUIRY #: 5079310.9
YEAR: 1963
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N
EDR


INQUIRY #: 5079310.9
YEAR: 1956
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EDR



INQUIRY #: 5079310.9

YEAR: 1946

= 500'

N

EDR



INQUIRY #: 5079310.9

YEAR: 1943

= 500'

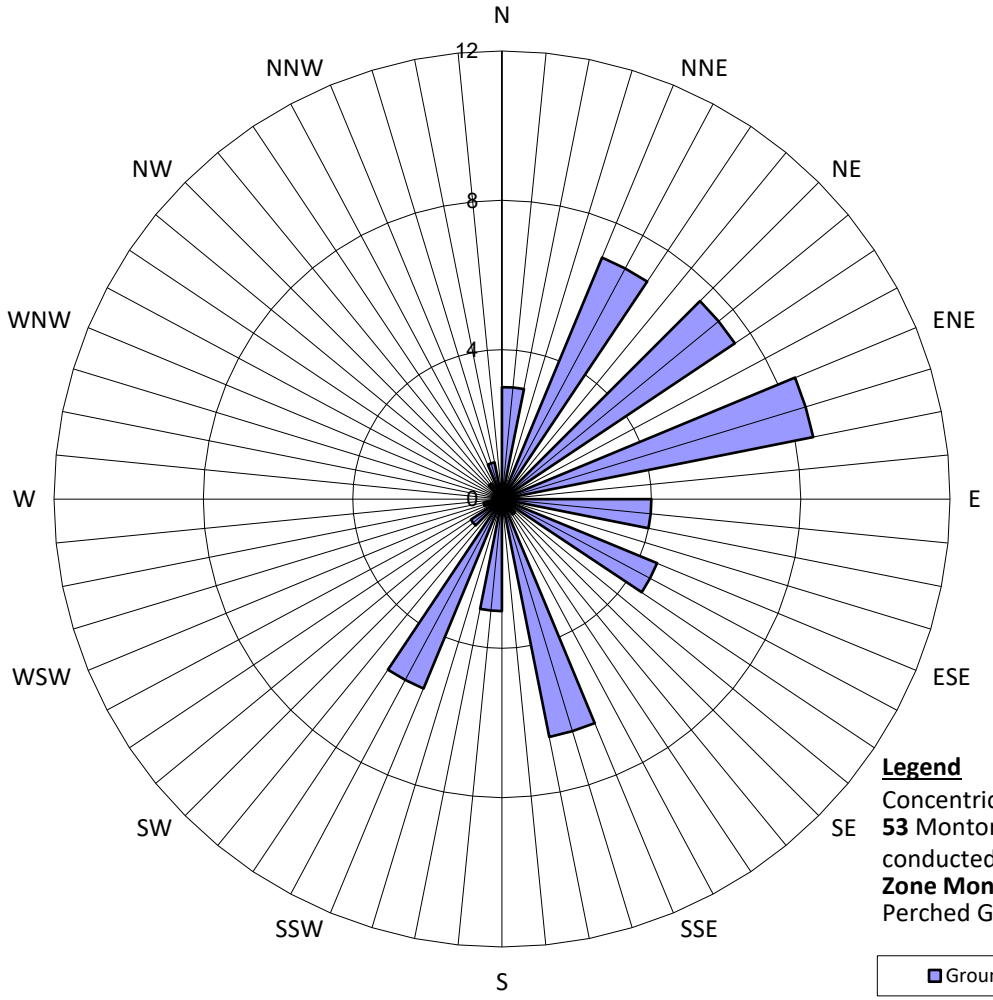
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EDR

Appendix E

Rose Diagrams

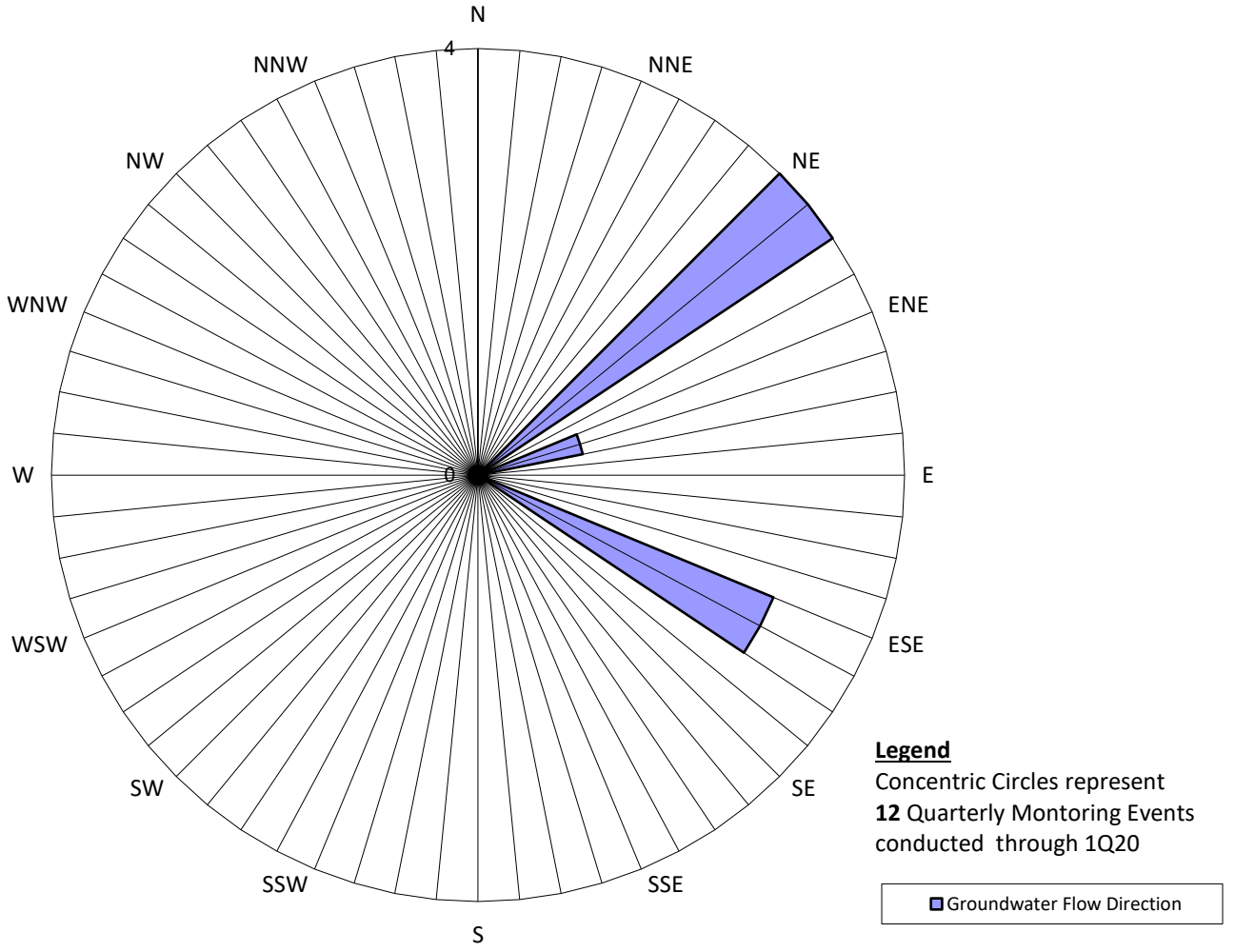
Appendix E
Groundwater Flow Direction Rose Diagram - Zone A
ARCO Service Station No. 465
151 Southgate Avenue, Daly City, California



Legend
Concentric Circles represent
53 Montoring Events
conducted through 1Q20
Zone Monitored:
Perched Ground Water Zone ~60 fbg

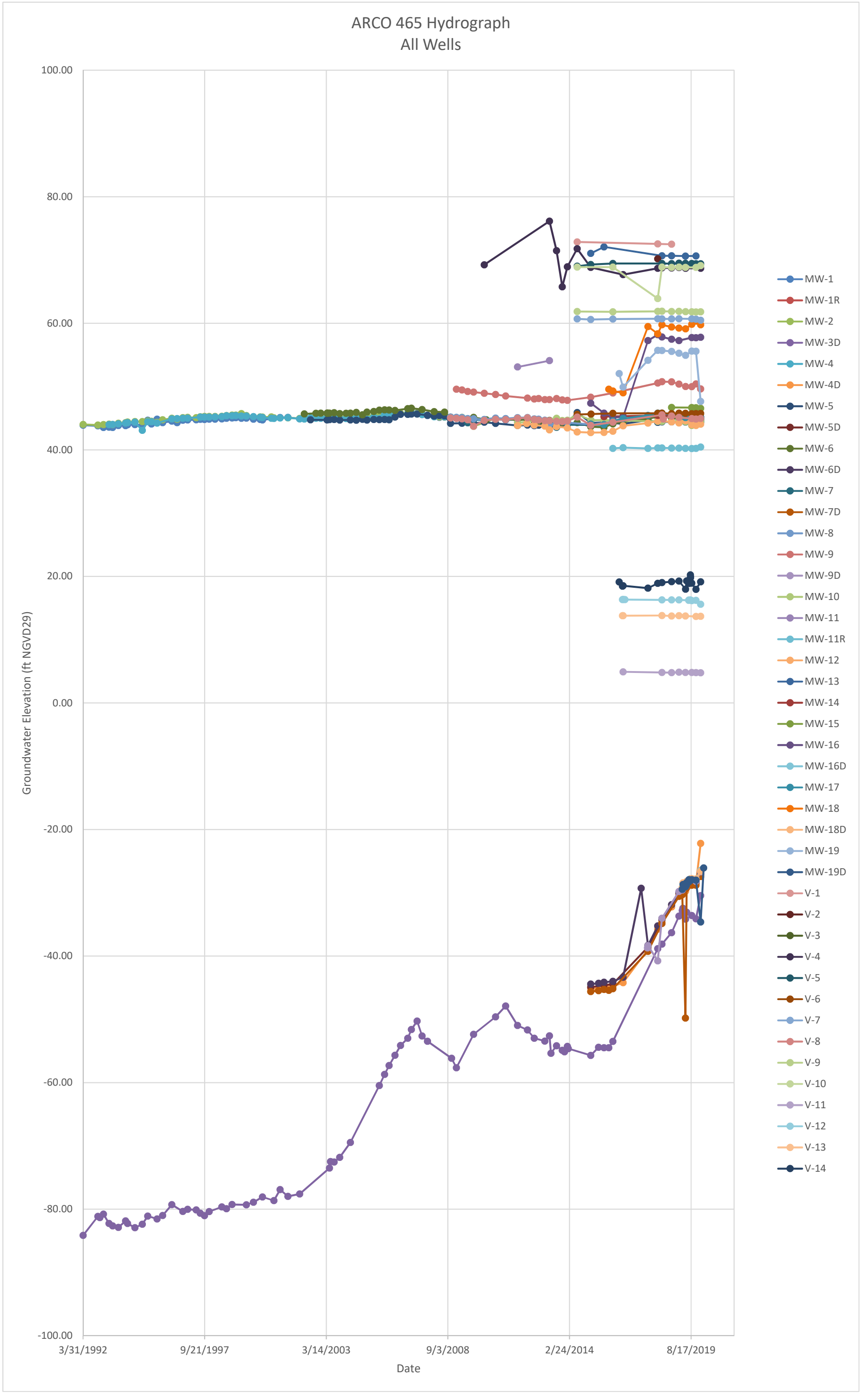
Groundwater Flow Direction

Appendix E
Groundwater Flow Direction Rose Diagram - Zone B
ARCO Service Station No. 465
151 Southgate Avenue, Daly City, California

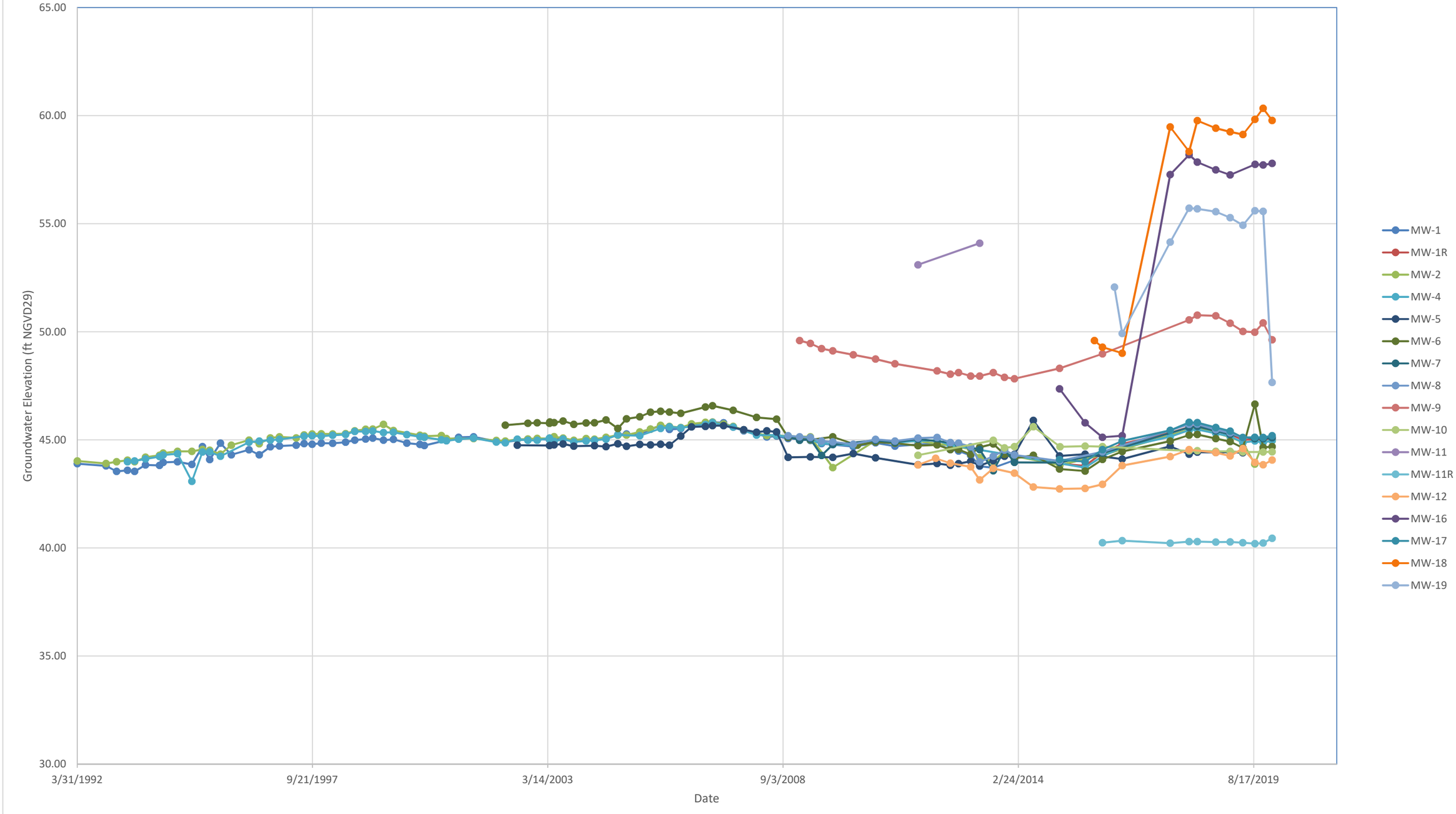


Appendix F

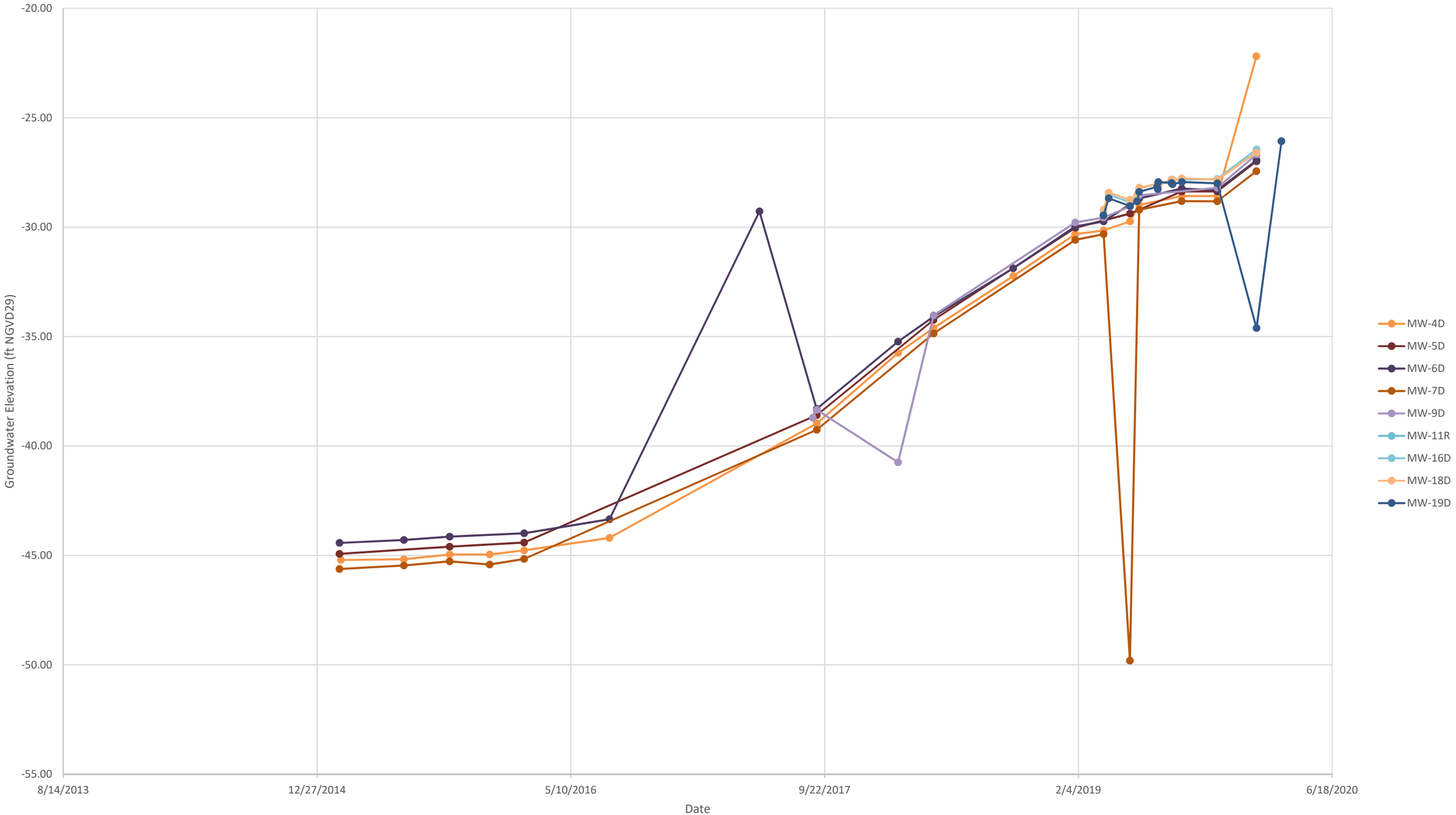
Hydrographs and Time Series Graphs

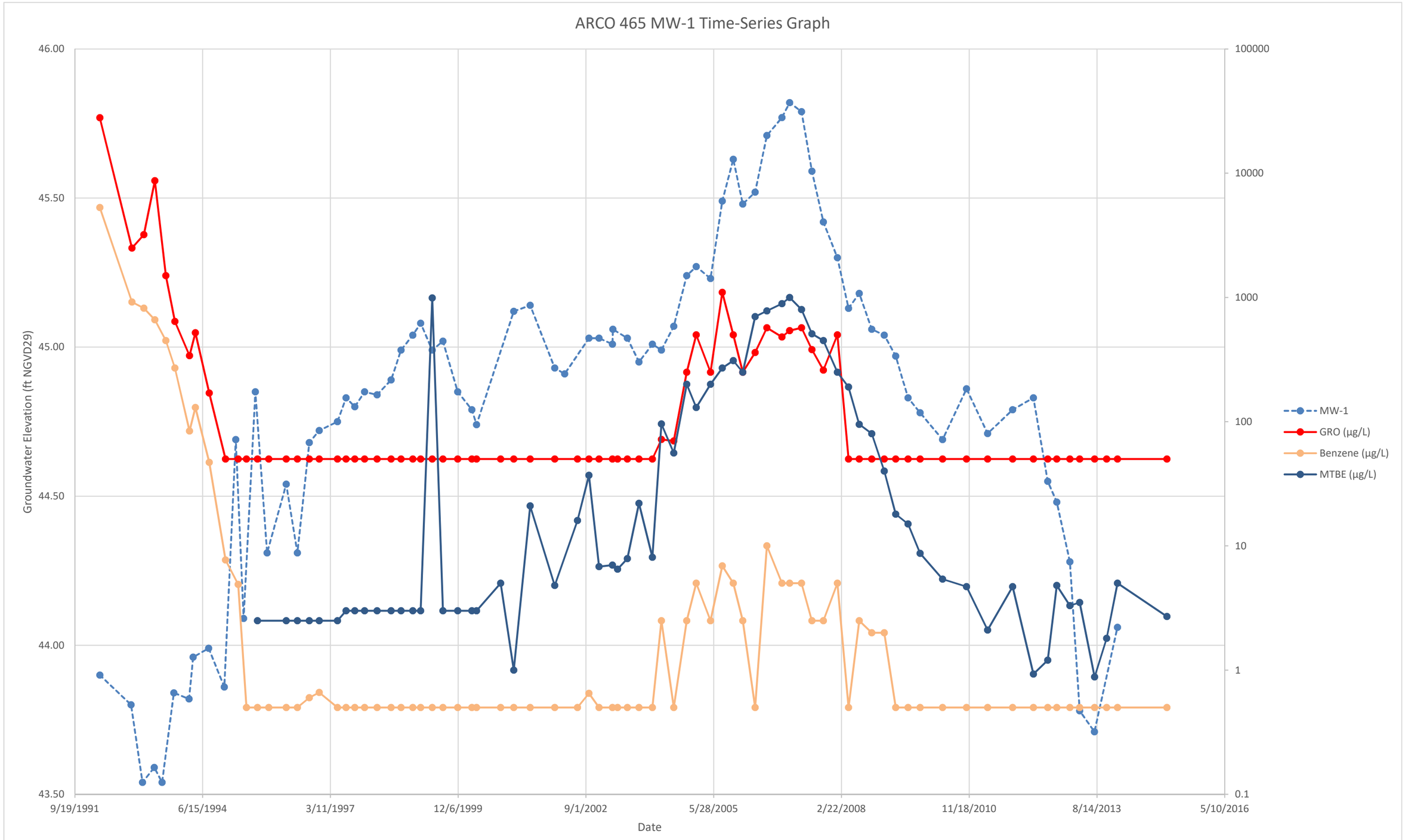

ARCO 465 Hydrograph
All Wells
100.00
80.00
60.00
40.00
20.00
0.00
-20.00
-40.00
-60.00
-80.00
-100.00
Groundwater Elevation (ft NGVD29)
3/31/1992
9/21/1997
3/14/2003
9/3/2008
2/24/2014
8/17/2019
Date
MW-1
MW-1R
MW-2
MW-3D
MW-4
MW-4D
MW-5
MW-5D
MW-6
MW-6D
MW-7
MW-7D
MW-8
MW-9
MW-9D
MW-10
MW-11
MW-11R
MW-12
MW-13
MW-14
MW-15
MW-16
MW-16D
MW-17
MW-18
MW-18D
MW-19
MW-19D
V-1
V-2
V-3
V-4
V-5
V-6
V-7
V-8
V-9
V-10
V-11
V-12
V-13
V-14

ARCO 465 Hydrograph
Zone A Groundwater Monitoring Wells

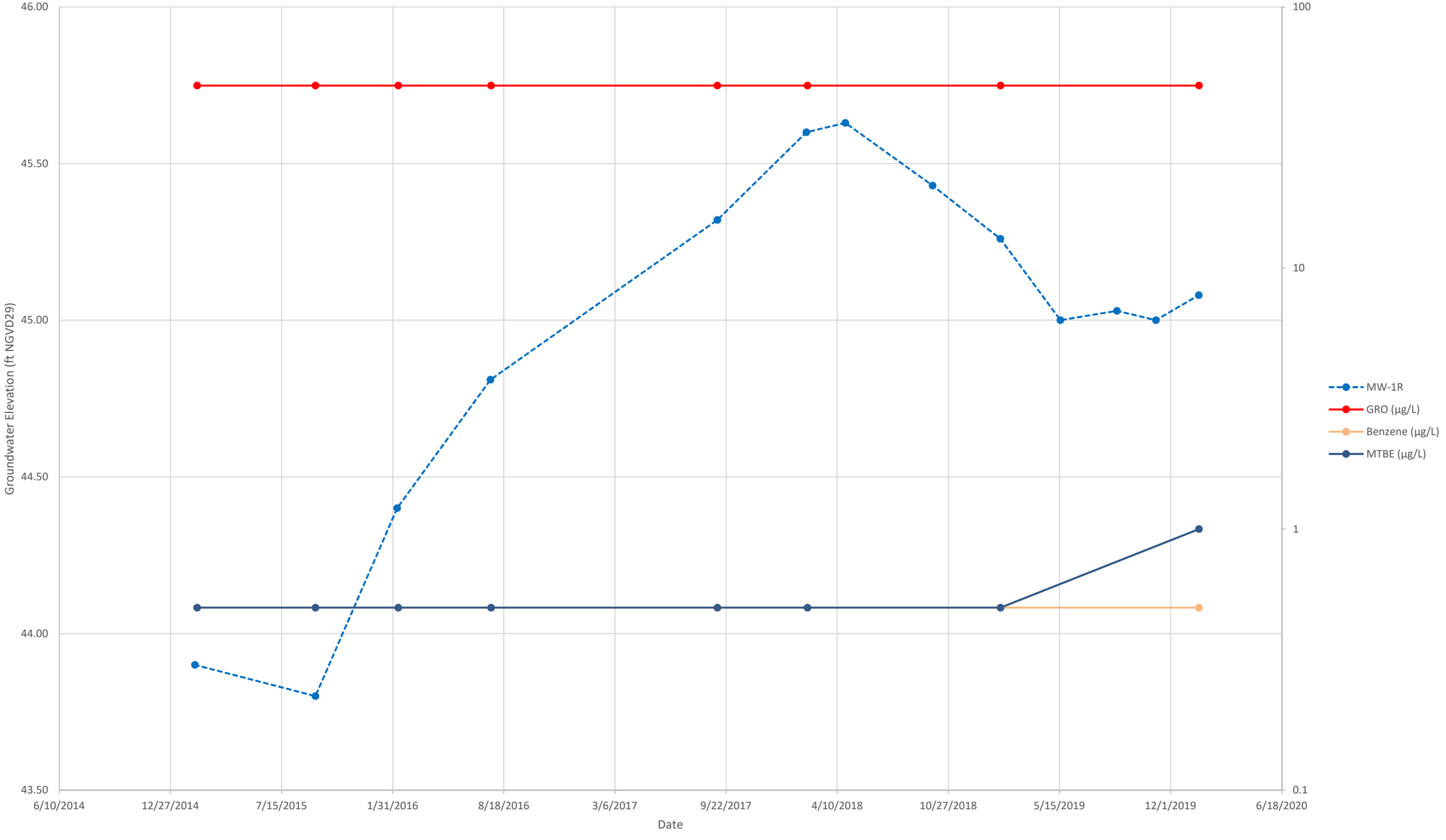


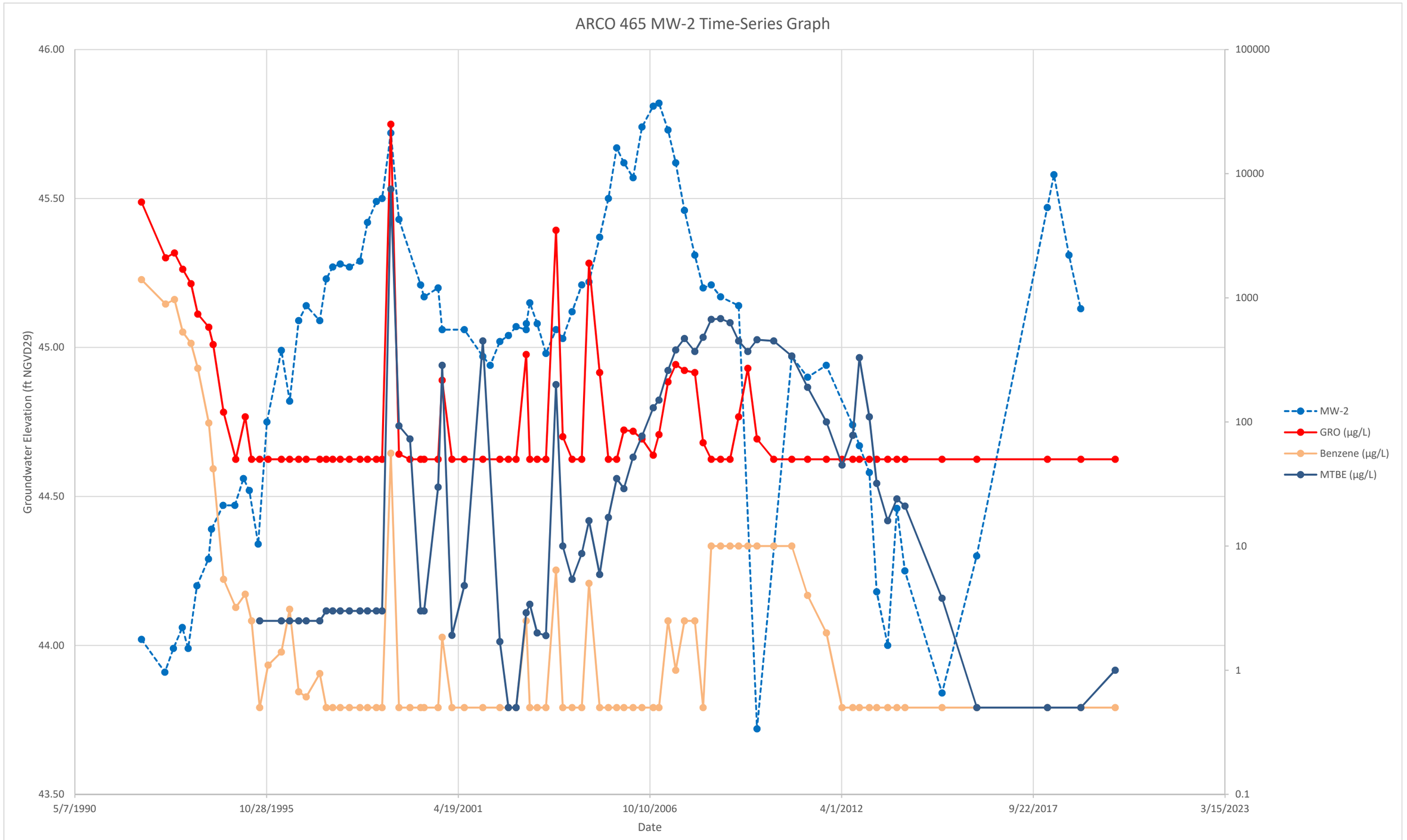
ARCO 465 Hydrograph
Zone B Groundwater Monitoring Wells




ARCO 465 MW-1 Time-Series Graph
Groundwater Elevation (ft NGVD29)
46.00
45.50
45.00
44.50
44.00
43.50
100000
10000
1000
100
10
1
0.1
9/19/1991
6/15/1994
3/11/1997
12/6/1999
9/1/2002
5/28/2005
2/22/2008
11/18/2010
8/14/2013
5/10/2016
Date
MW-1
GRO (µg/L)
Benzene (µg/L)
MTBE (µg/L)

ARCO 465 MW-1R Time-Series Graph




ARCO 465 MW-2 Time-Series Graph
Groundwater Elevation (ft NGVD29)
46.00
45.50
45.00
44.50
44.00
43.50
100000
10000
1000
100
10
1
0.1
5/7/1990
10/28/1995
4/19/2001
10/10/2006
4/1/2012
9/22/2017
3/15/2023
Date
MW-2
GRO (µg/L)
Benzene (µg/L)
MTBE (µg/L)

ARCO 465 MW-3D Time-Series Graph

Groundwater Elevation (ft NGVD29)

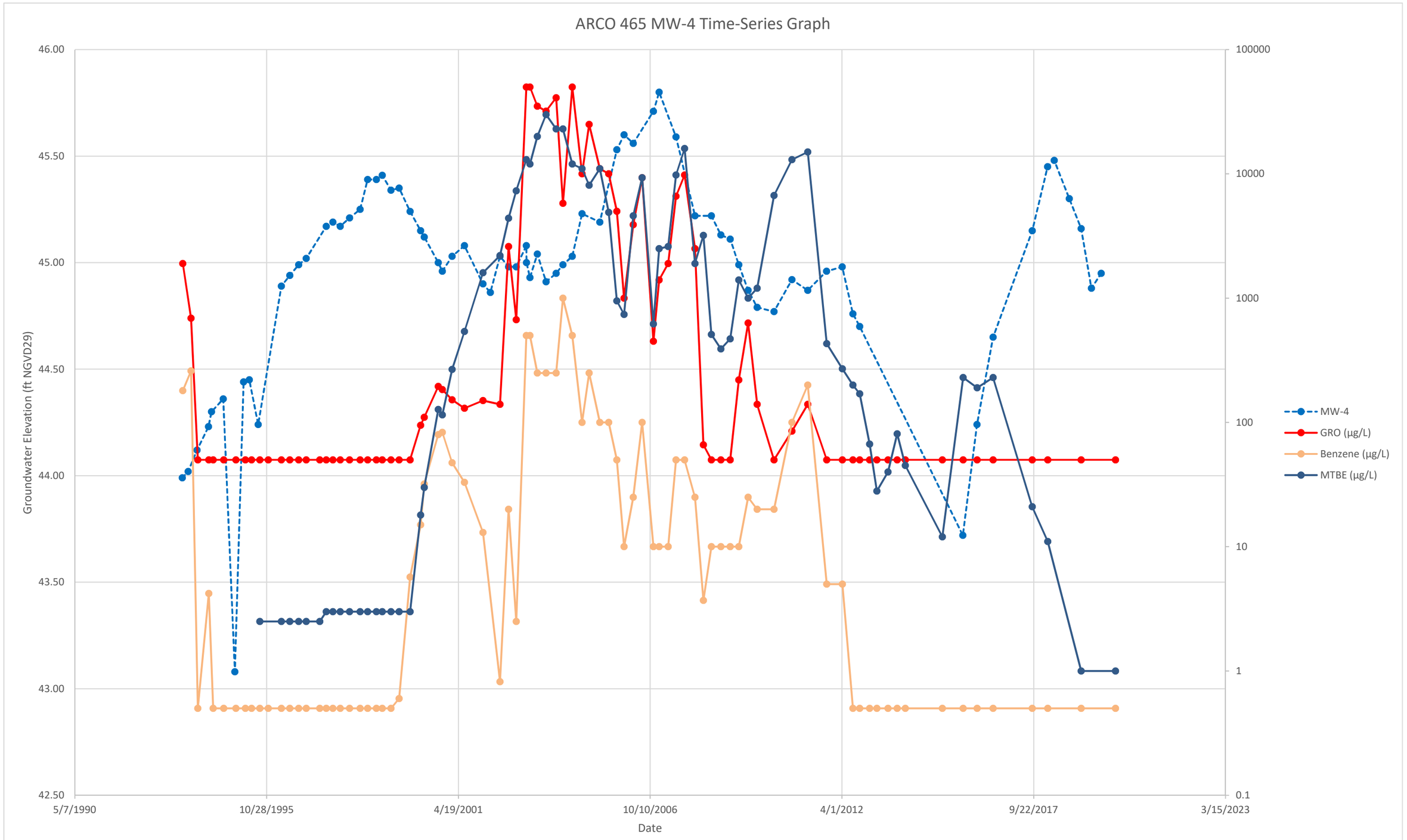
0.00
-10.00
-20.00
-30.00
-40.00
-50.00
-60.00
-70.00
-80.00
-90.00

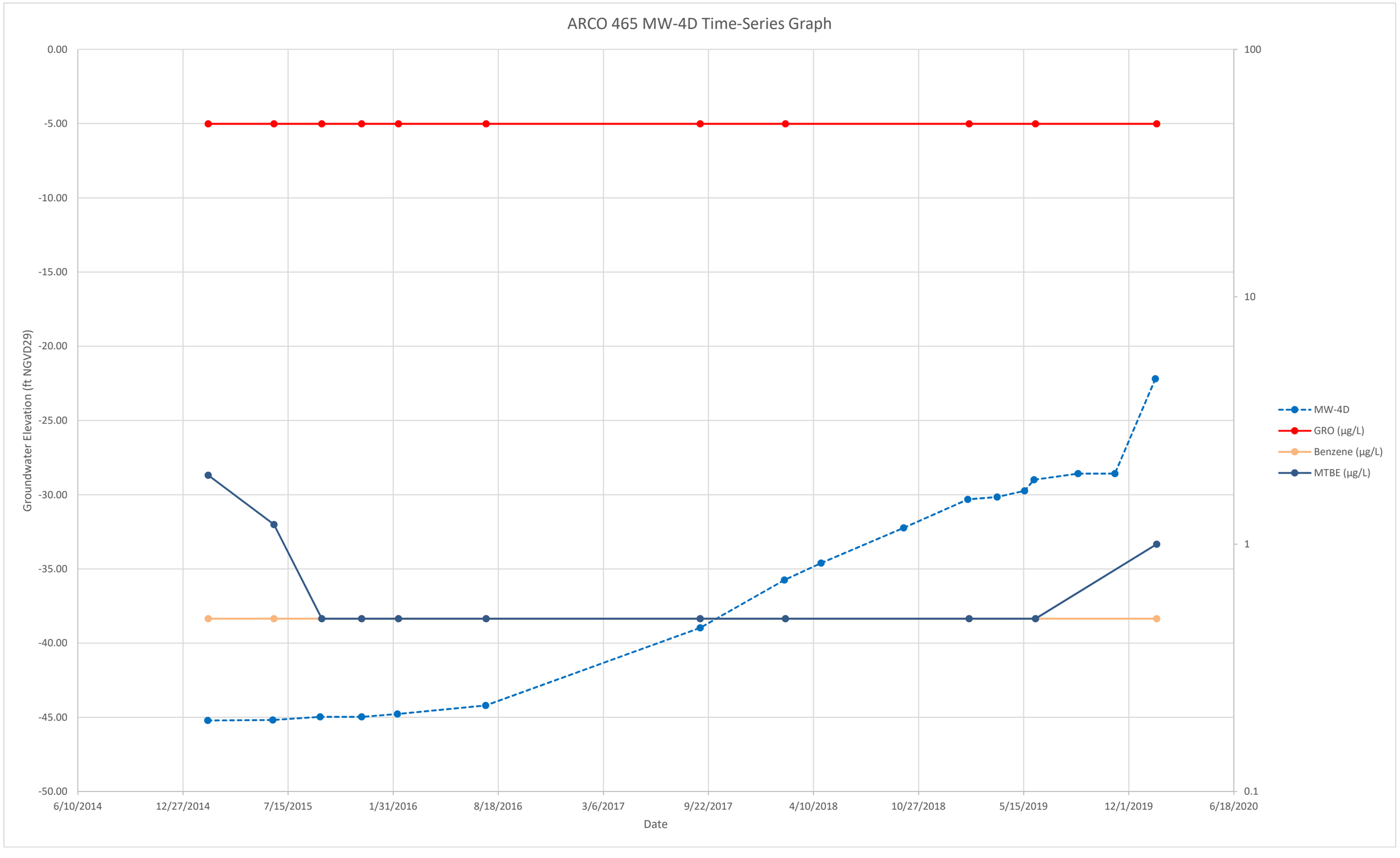
1000
100
10
1
0.1

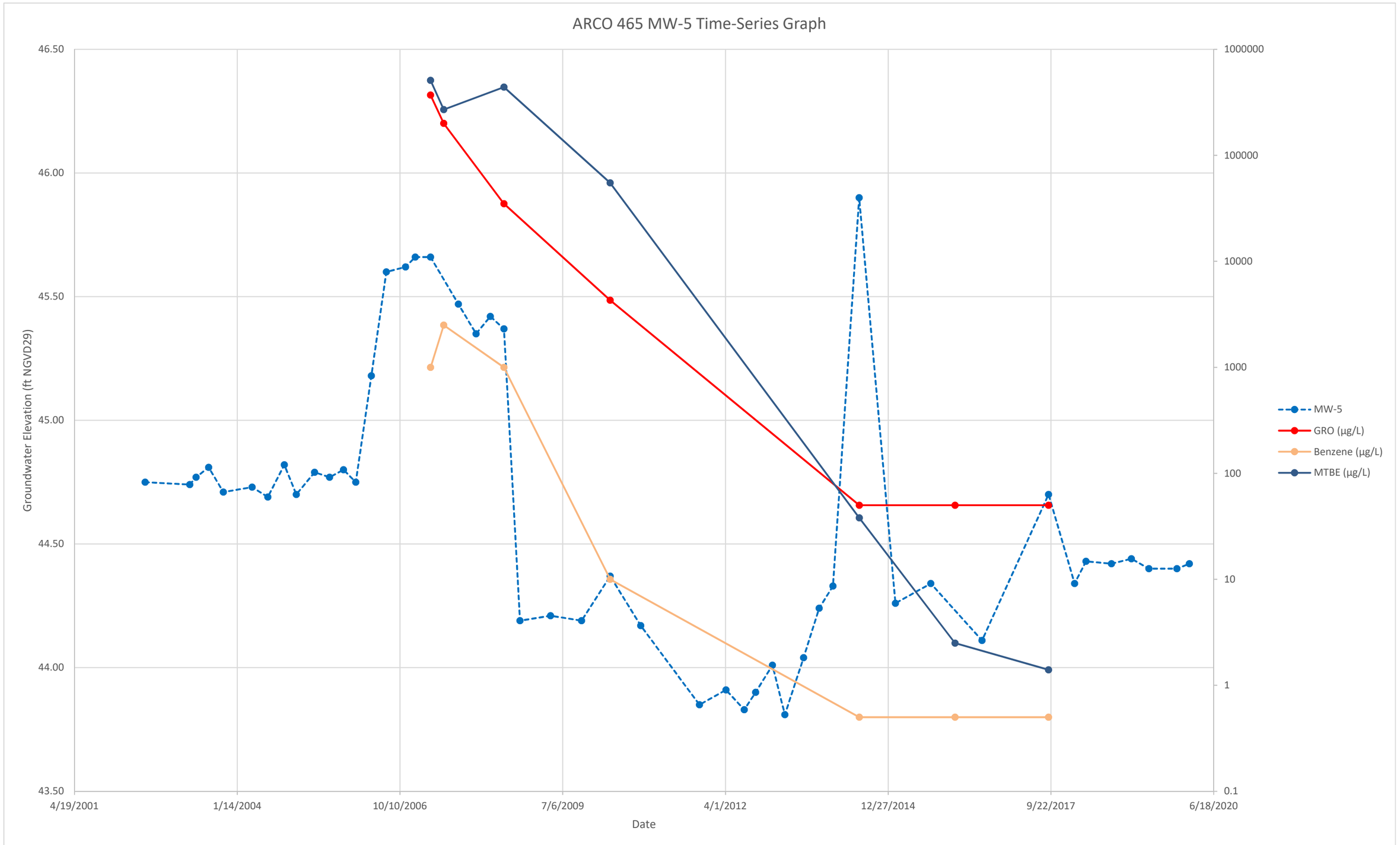
5/7/1990
10/28/1995
4/19/2001
10/10/2006
4/1/2012
9/22/2017
3/15/2023

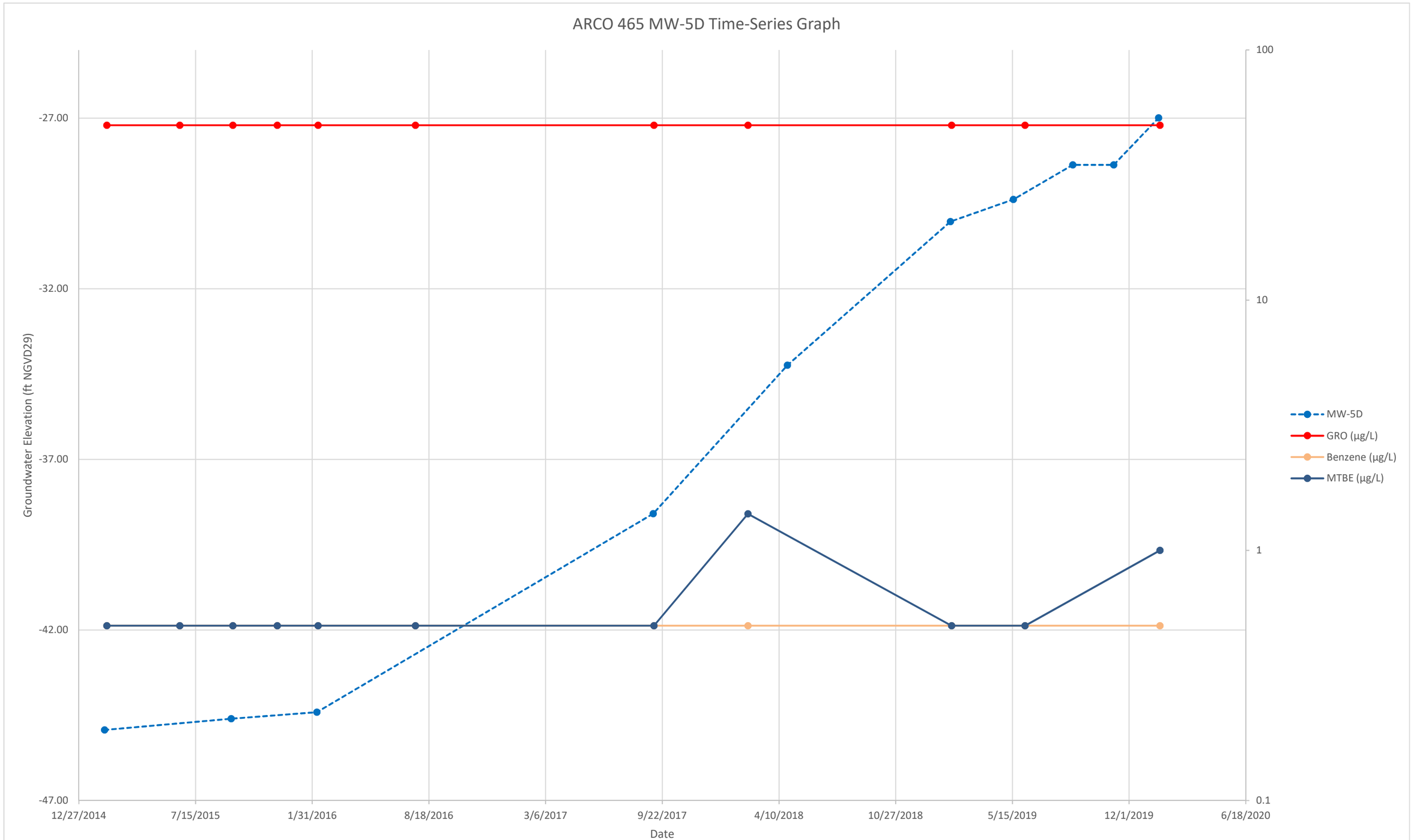
Date

MW-3D
GRO (µg/L)
Benzene (µg/L)
MTBE (µg/L)


ARCO 465 MW-4 Time-Series Graph
Groundwater Elevation (ft NGVD29)
46.00
45.50
45.00
44.50
44.00
43.50
43.00
42.50
100000
10000
1000
100
10
1
0.1
5/7/1990
10/28/1995
4/19/2001
10/10/2006
4/1/2012
9/22/2017
3/15/2023
Date
MW-4
GRO (µg/L)
Benzene (µg/L)
MTBE (µg/L)


ARCO 465 MW-4D Time-Series Graph
Groundwater Elevation (ft NGVD29)
0.00
-5.00
-10.00
-15.00
-20.00
-25.00
-30.00
-35.00
-40.00
-45.00
-50.00
100
10
1
0.1
6/10/2014
12/27/2014
7/15/2015
1/31/2016
8/18/2016
3/6/2017
9/22/2017
4/10/2018
10/27/2018
5/15/2019
12/1/2019
6/18/2020
Date
MW-4D
GRO (µg/L)
Benzene (µg/L)
MTBE (µg/L)


ARCO 465 MW-5 Time-Series Graph
Groundwater Elevation (ft NGVD29)
46.50
46.00
45.50
45.00
44.50
44.00
43.50
1000000
100000
10000
1000
100
10
1
0.1
4/19/2001
1/14/2004
10/10/2006
7/6/2009
4/1/2012
12/27/2014
9/22/2017
6/18/2020
Date
MW-5
GRO (µg/L)
Benzene (µg/L)
MTBE (µg/L)


ARCO 465 MW-5D Time-Series Graph
Groundwater Elevation (ft NGVD29)
-27.00
-32.00
-37.00
-42.00
-47.00
100
10
1
0.1
12/27/2014
7/15/2015
1/31/2016
8/18/2016
3/6/2017
9/22/2017
4/10/2018
10/27/2018
5/15/2019
12/1/2019
6/18/2020
Date
MW-5D
GRO (µg/L)
Benzene (µg/L)
MTBE (µg/L)

ARCO 465 MW-6 Time-Series Graph

Groundwater Elevation (ft NGVD29)

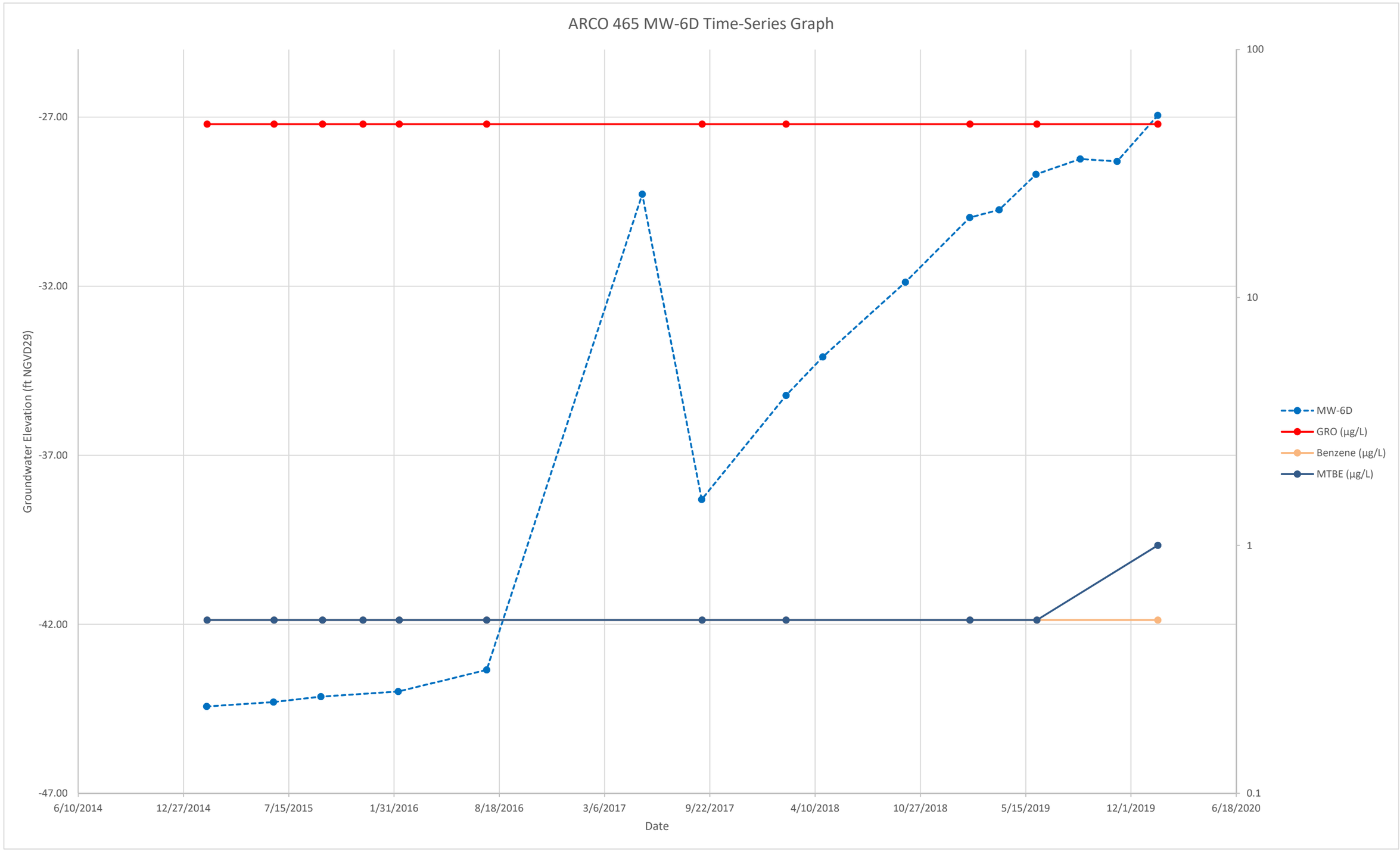
47.00
46.50
46.00
45.50
45.00
44.50
44.00
43.50
43.00

100000
10000
1000
100
10
1
0.1

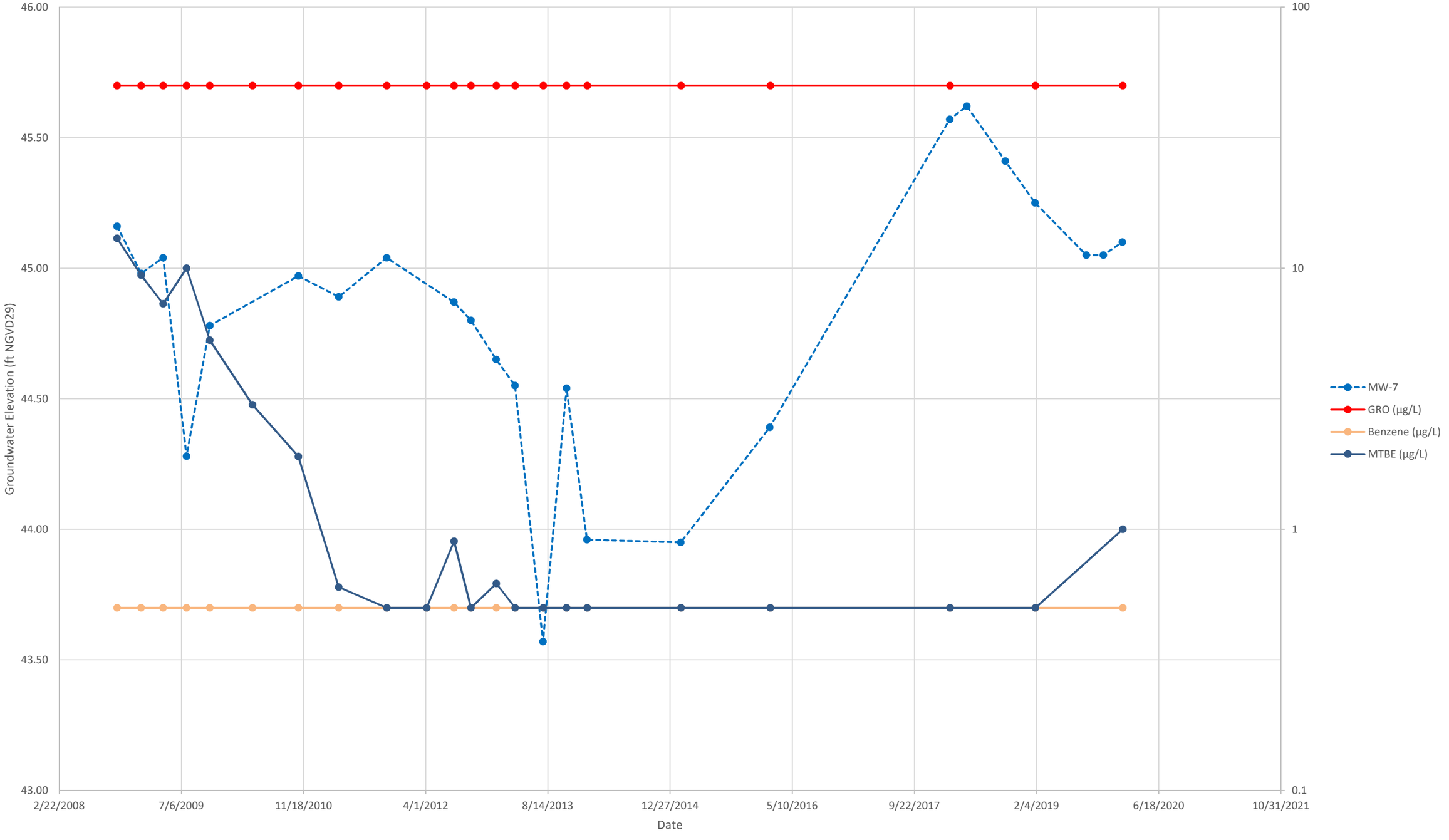
7/24/1998
4/19/2001
1/14/2004
10/10/2006
7/6/2009
4/1/2012
12/27/2014
9/22/2017
6/18/2020
3/15/2023

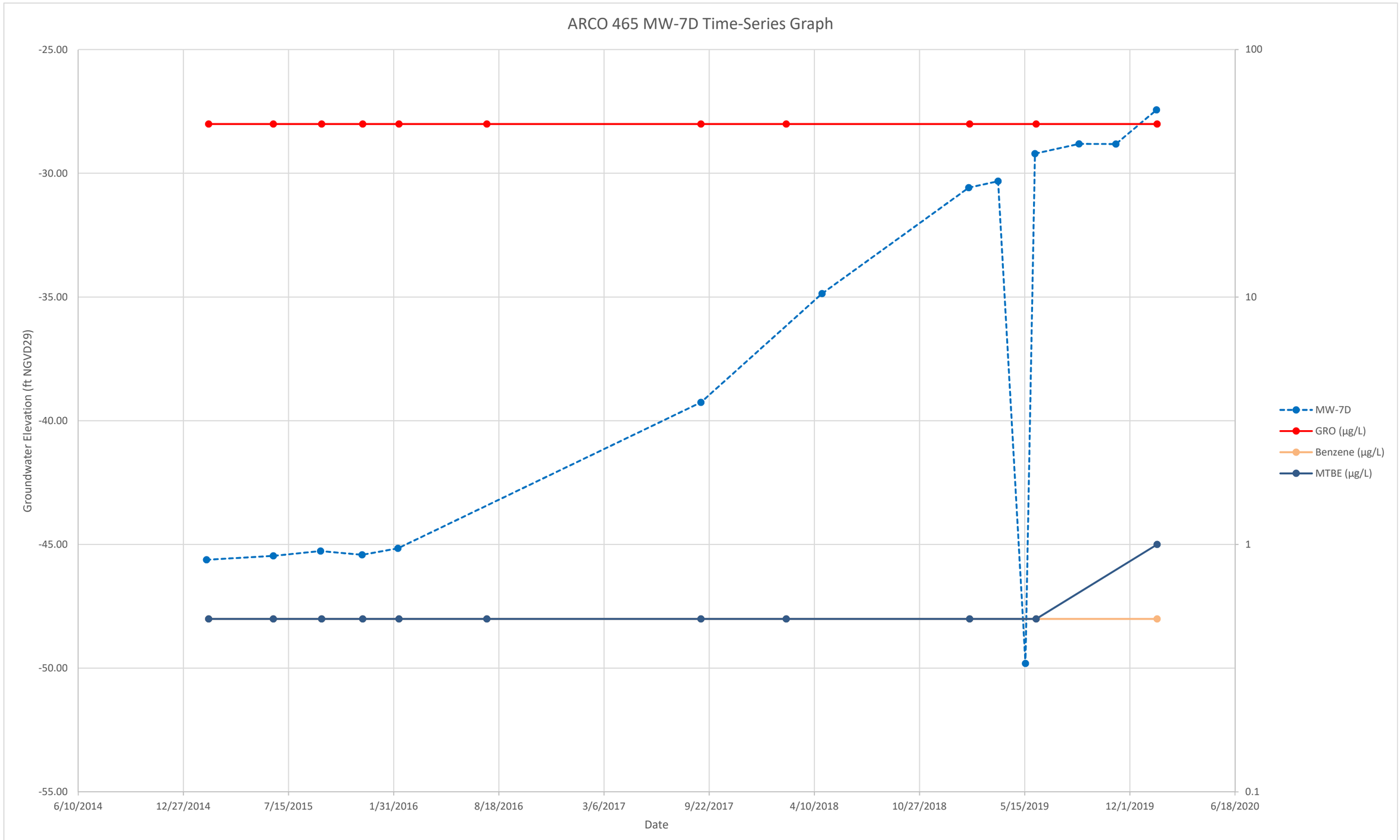
Date

MW-6
GRO (µg/L)
Benzene (µg/L)
MTBE (µg/L)


ARCO 465 MW-6D Time-Series Graph
Groundwater Elevation (ft NGVD29)
-27.00
-32.00
-37.00
-42.00
-47.00
100
10
1
0.1
6/10/2014
12/27/2014
7/15/2015
1/31/2016
8/18/2016
3/6/2017
9/22/2017
4/10/2018
10/27/2018
5/15/2019
12/1/2019
6/18/2020
Date
MW-6D
GRO (µg/L)
Benzene (µg/L)
MTBE (µg/L)

ARCO 465 MW-7 Time-Series Graph




ARCO 465 MW-7D Time-Series Graph
-25.00
-30.00
-35.00
-40.00
-45.00
-50.00
-55.00
Groundwater Elevation (ft NGVD29)
100
10
1
0.1
6/10/2014
12/27/2014
7/15/2015
1/31/2016
8/18/2016
3/6/2017
9/22/2017
4/10/2018
10/27/2018
5/15/2019
12/1/2019
6/18/2020
Date
MW-7D
GRO (µg/L)
Benzene (µg/L)
MTBE (µg/L)

ARCO 465 MW-8 Time-Series Graph

Groundwater Elevation (ft NGVD29)

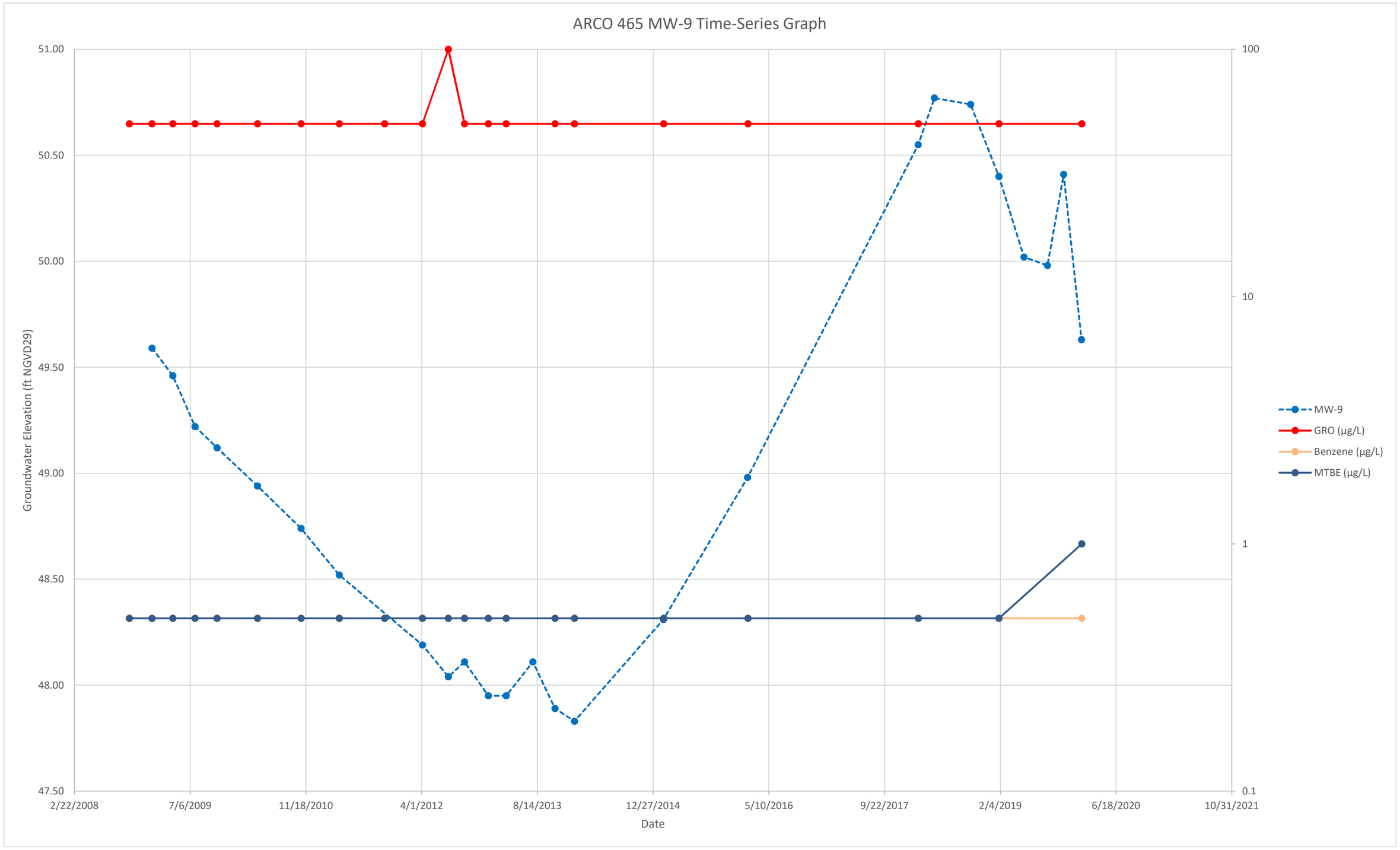
46.00
45.80
45.60
45.40
45.20
45.00
44.80
44.60
44.40
44.20
44.00
43.80

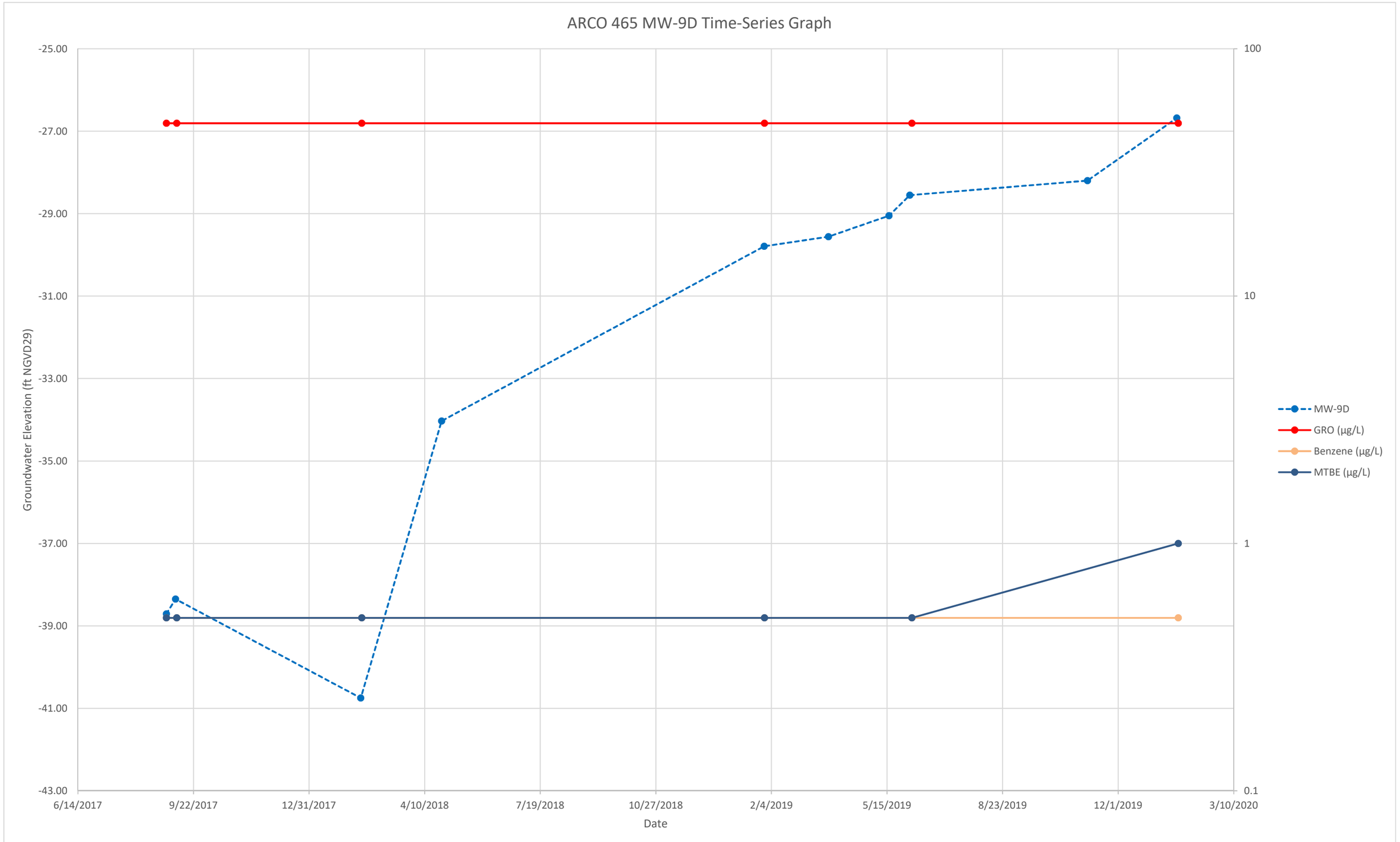
100
10
1
0.1

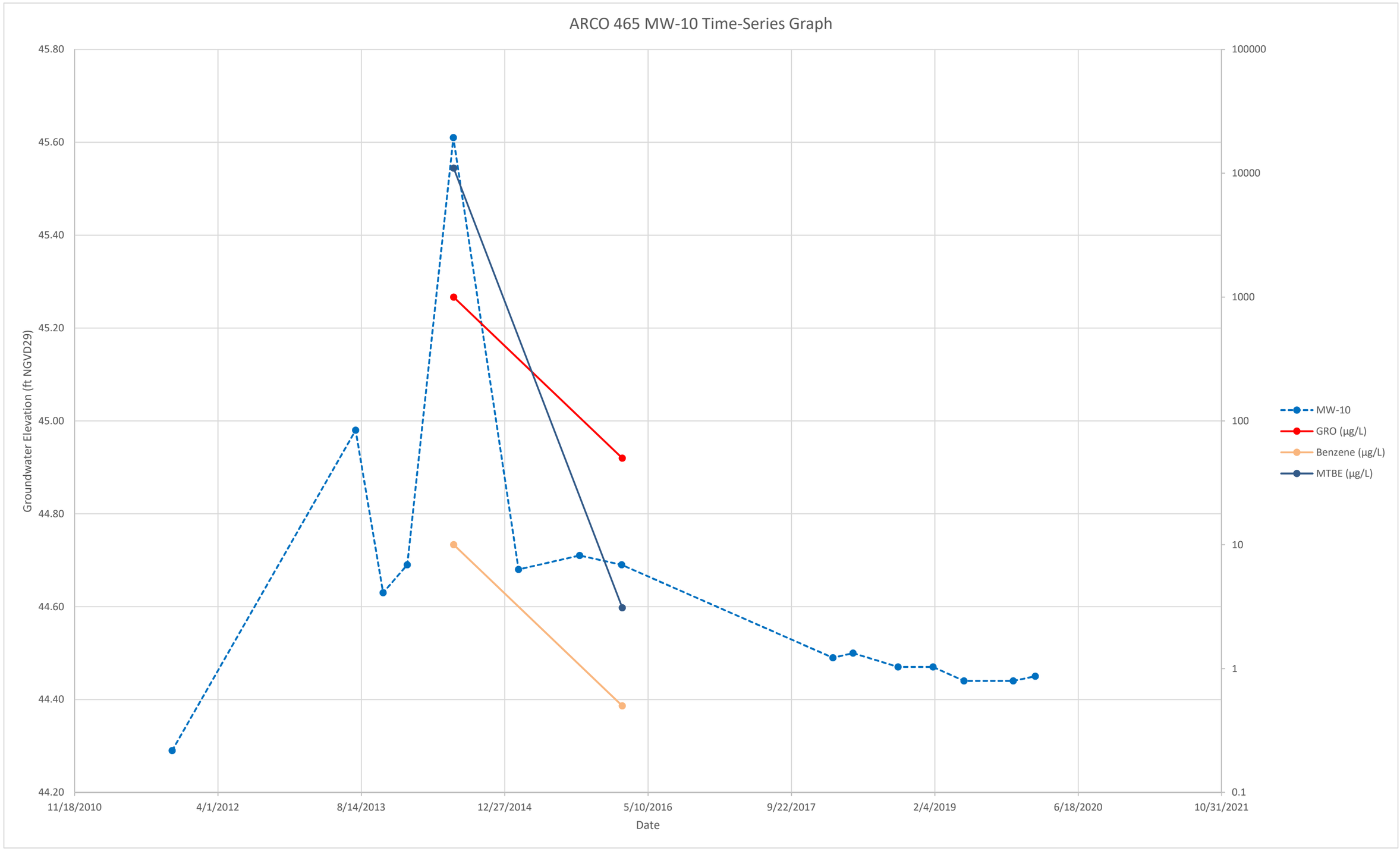
2/22/2008
7/6/2009
11/18/2010
4/1/2012
8/14/2013
12/27/2014
5/10/2016
9/22/2017
2/4/2019
6/18/2020
10/31/2021

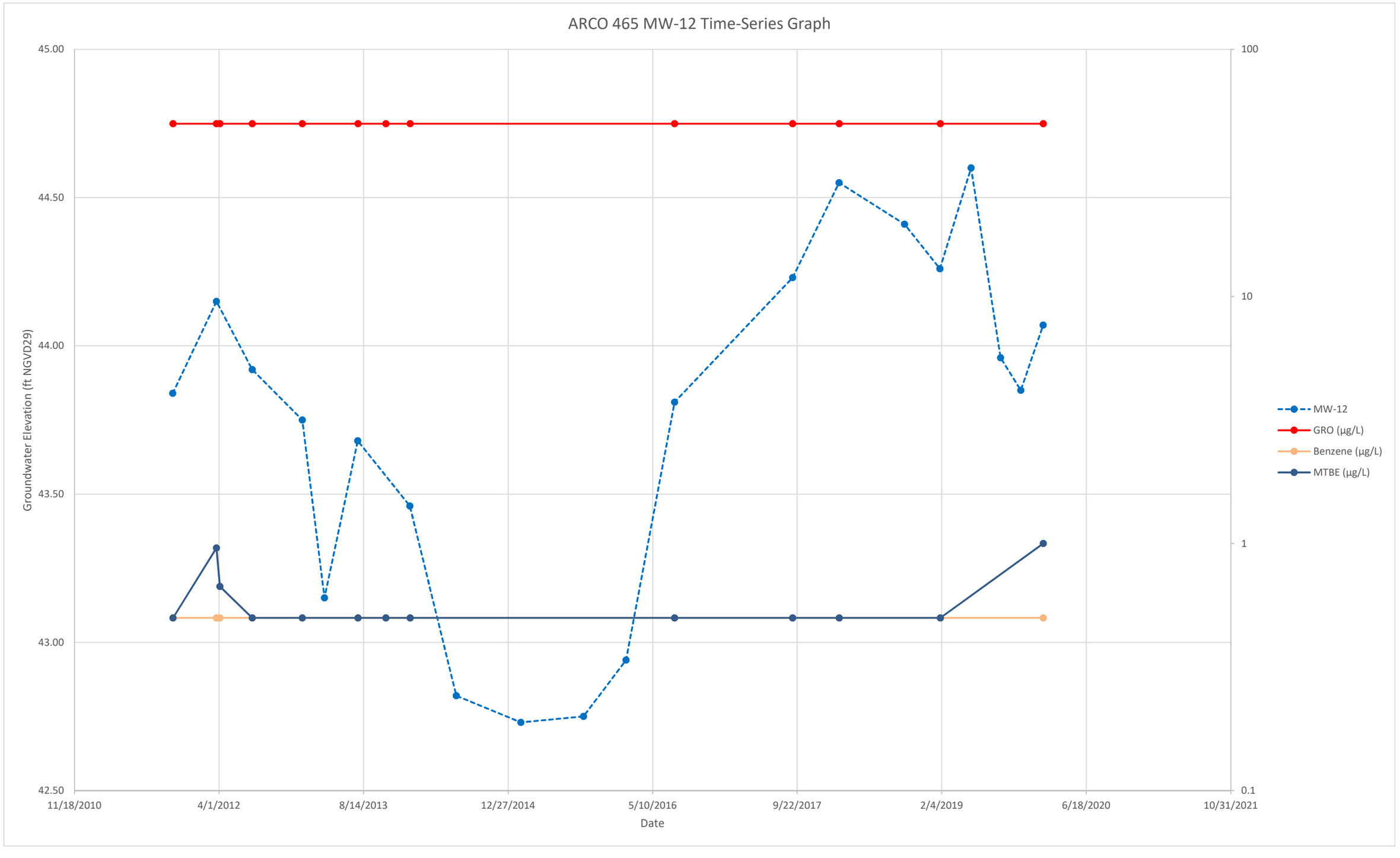
Date

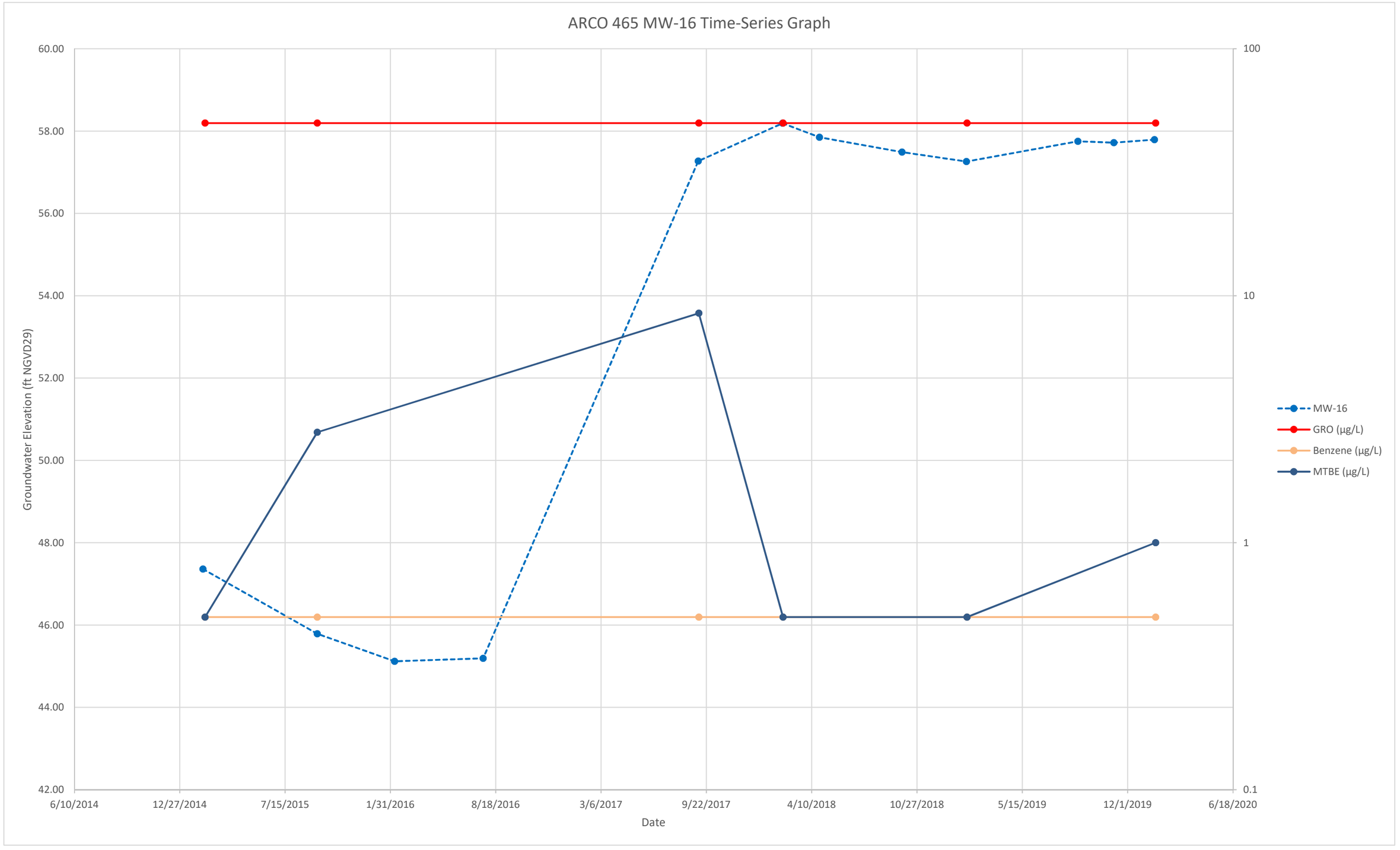
MW-8
GRO (µg/L)
Benzene (µg/L)
MTBE (µg/L)

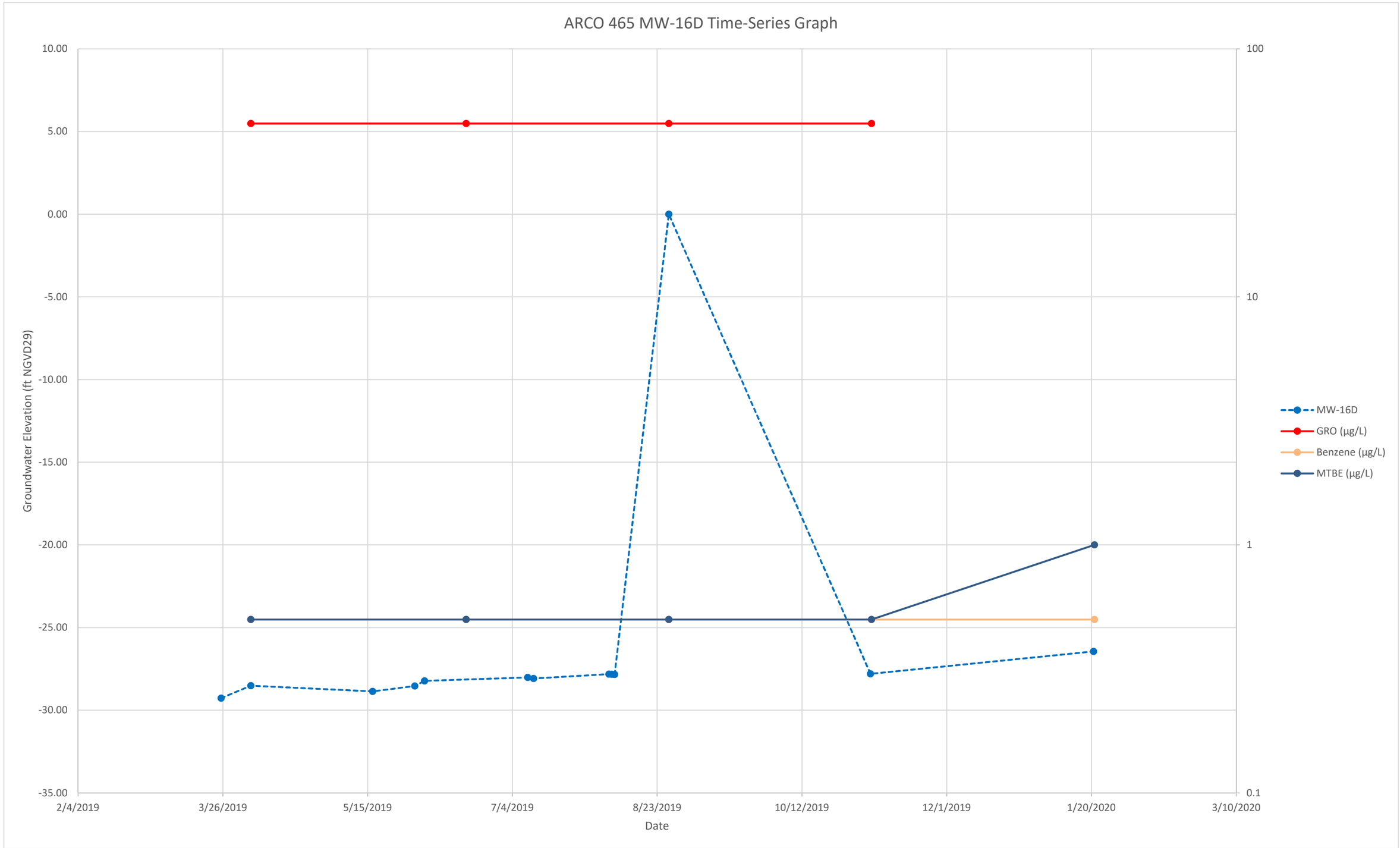

ARCO 465 MW-9 Time-Series Graph
Groundwater Elevation (ft NGVD29)
51.00
50.50
50.00
49.50
49.00
48.50
48.00
47.50
100
10
1
0.1
2/22/2008
7/6/2009
11/18/2010
4/1/2012
8/14/2013
12/27/2014
5/10/2016
9/22/2017
2/4/2019
6/18/2020
10/31/2021
Date
MW-9
GRO (µg/L)
Benzene (µg/L)
MTBE (µg/L)


ARCO 465 MW-9D Time-Series Graph
-25.00
-27.00
-29.00
-31.00
-33.00
-35.00
-37.00
-39.00
-41.00
-43.00
Groundwater Elevation (ft NGVD29)
100
10
1
0.1
6/14/2017
9/22/2017
12/31/2017
4/10/2018
7/19/2018
10/27/2018
2/4/2019
5/15/2019
8/23/2019
12/1/2019
3/10/2020
Date
MW-9D
GRO (µg/L)
Benzene (µg/L)
MTBE (µg/L)

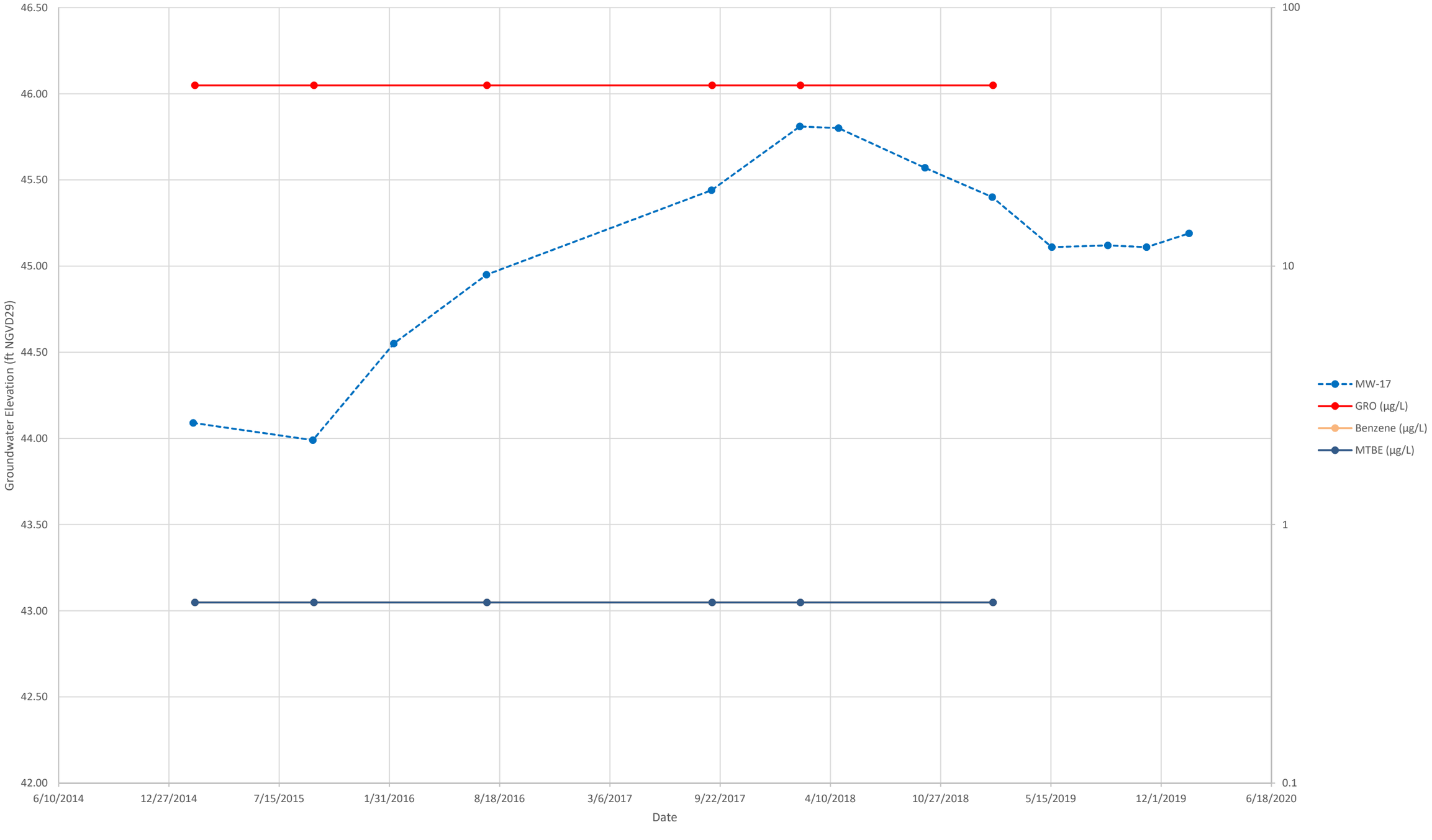

ARCO 465 MW-10 Time-Series Graph
Groundwater Elevation (ft NGVD29)
45.80
45.60
45.40
45.20
45.00
44.80
44.60
44.40
44.20
100000
10000
1000
100
10
1
0.1
11/18/2010
4/1/2012
8/14/2013
12/27/2014
5/10/2016
9/22/2017
2/4/2019
6/18/2020
10/31/2021
Date
MW-10
GRO (µg/L)
Benzene (µg/L)
MTBE (µg/L)

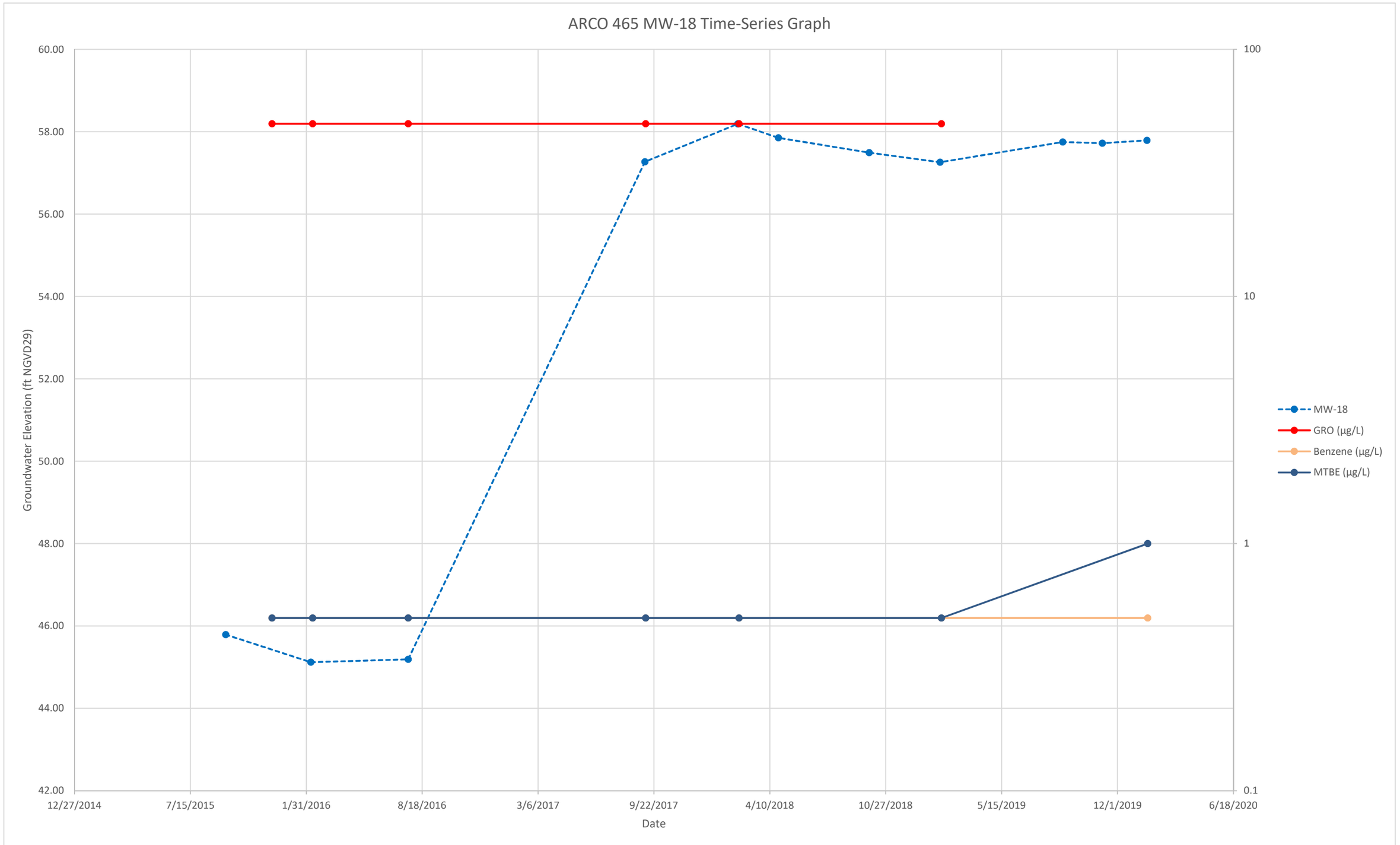

ARCO 465 MW-12 Time-Series Graph
45.00
44.50
44.00
43.50
43.00
42.50
Groundwater Elevation (ft NGVD29)
100
10
1
0.1
11/18/2010
4/1/2012
8/14/2013
12/27/2014
5/10/2016
9/22/2017
2/4/2019
6/18/2020
10/31/2021
Date
MW-12
GRO (µg/L)
Benzene (µg/L)
MTBE (µg/L)


ARCO 465 MW-16 Time-Series Graph
60.00
58.00
56.00
54.00
52.00
50.00
48.00
46.00
44.00
42.00
Groundwater Elevation (ft NGVD29)
100
10
1
0.1
6/10/2014
12/27/2014
7/15/2015
1/31/2016
8/18/2016
3/6/2017
9/22/2017
4/10/2018
10/27/2018
5/15/2019
12/1/2019
6/18/2020
Date
MW-16
GRO (µg/L)
Benzene (µg/L)
MTBE (µg/L)

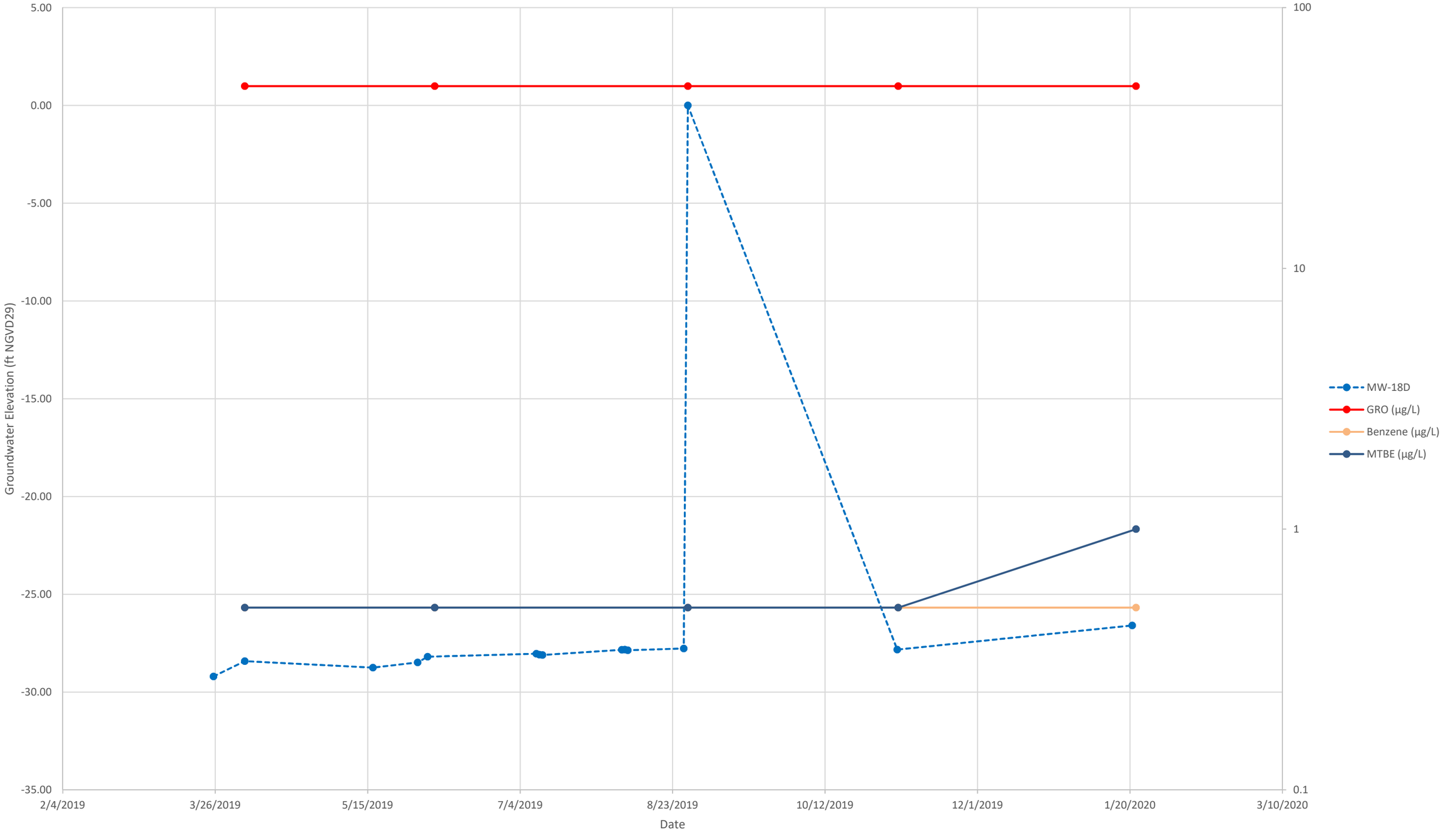

ARCO 465 MW-16D Time-Series Graph
10.00
5.00
0.00
-5.00
-10.00
-15.00
-20.00
-25.00
-30.00
-35.00
Groundwater Elevation (ft NGVD29)
100
10
1
0.1
2/4/2019
3/26/2019
5/15/2019
7/4/2019
8/23/2019
10/12/2019
12/1/2019
1/20/2020
3/10/2020
Date
MW-16D
GRO (µg/L)
Benzene (µg/L)
MTBE (µg/L)

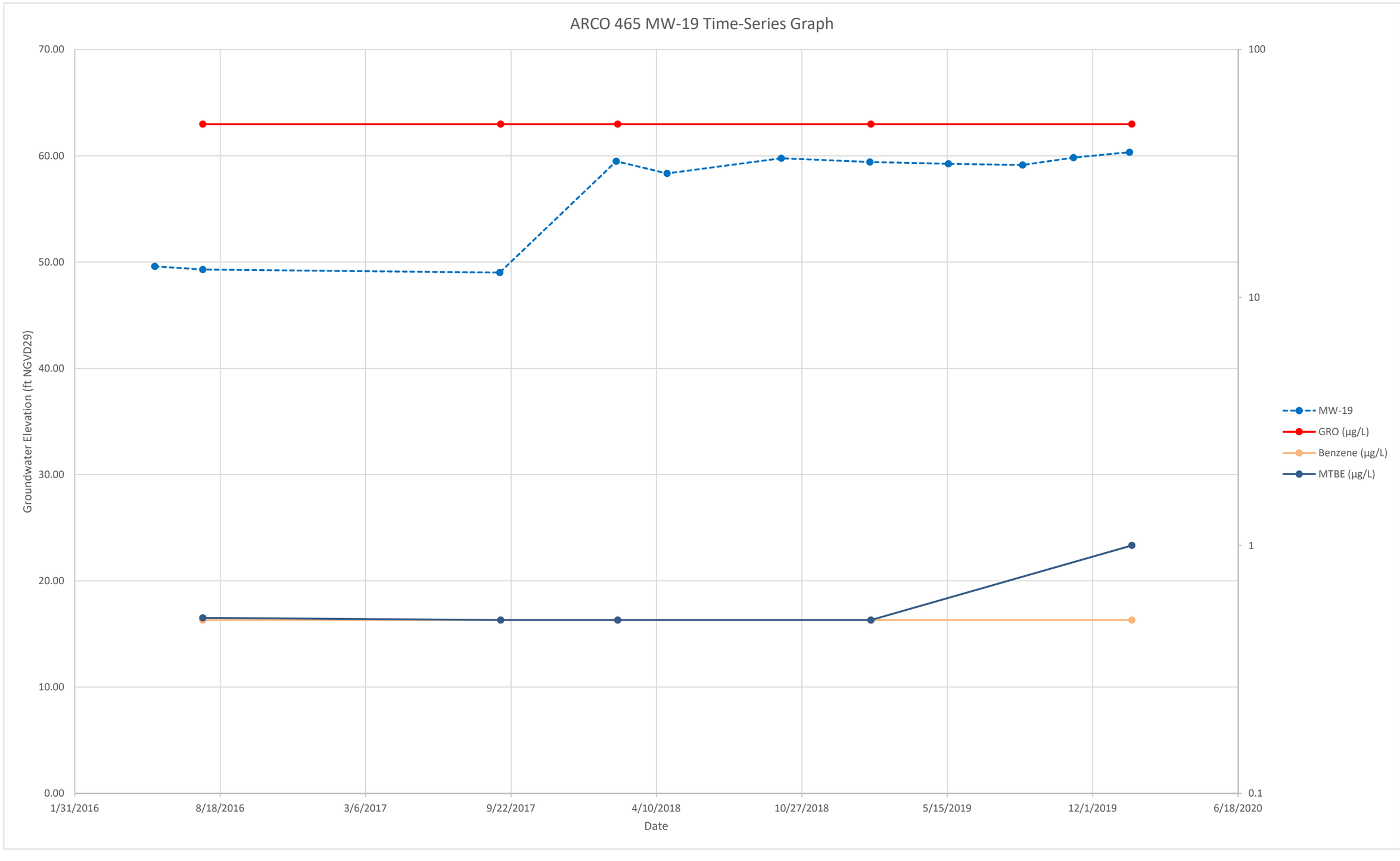
ARCO 465 MW-17 Time-Series Graph

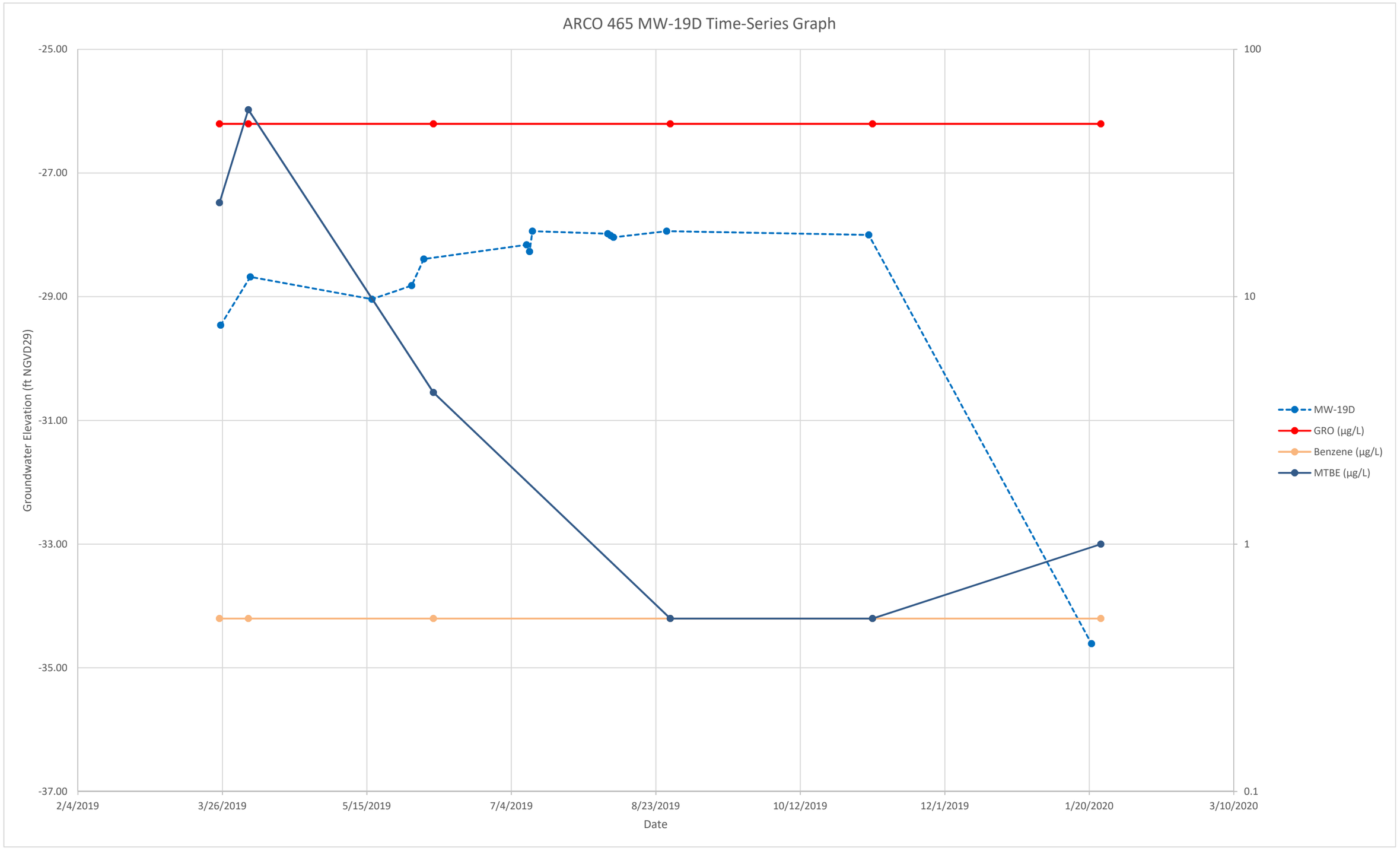



ARCO 465 MW-18 Time-Series Graph
60.00
58.00
56.00
54.00
52.00
50.00
48.00
46.00
44.00
42.00
Groundwater Elevation (ft NGVD29)
100
10
1
0.1
12/27/2014
7/15/2015
1/31/2016
8/18/2016
3/6/2017
9/22/2017
4/10/2018
10/27/2018
5/15/2019
12/1/2019
6/18/2020
Date
MW-18
GRO (µg/L)
Benzene (µg/L)
MTBE (µg/L)

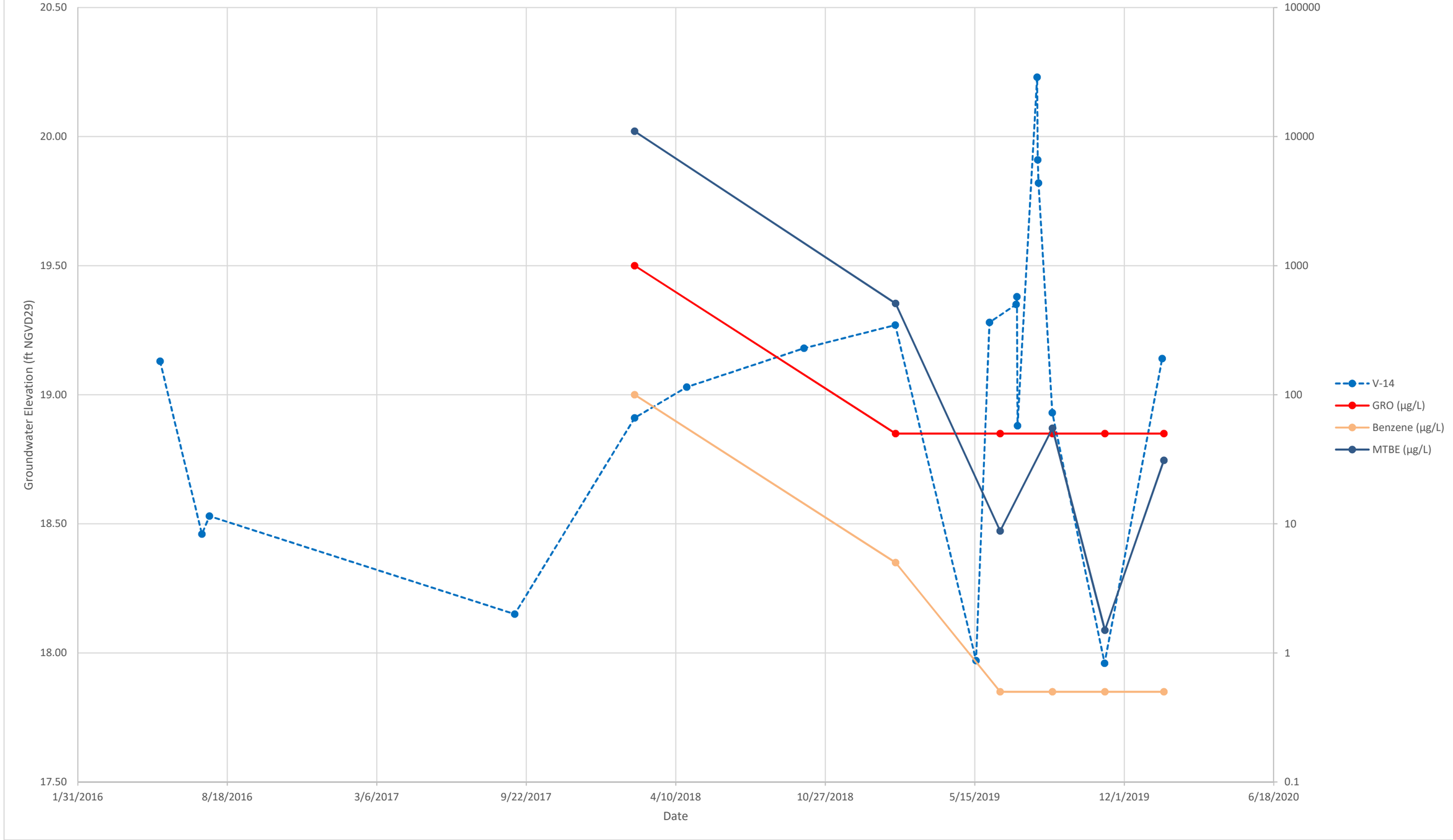
ARCO 465 MW-18D Time-Series Graph




ARCO 465 MW-19 Time-Series Graph
70.00
60.00
50.00
40.00
30.00
20.00
10.00
0.00
Groundwater Elevation (ft NGVD29)
100
10
1
0.1
1/31/2016
8/18/2016
3/6/2017
9/22/2017
4/10/2018
10/27/2018
5/15/2019
12/1/2019
6/18/2020
Date
MW-19
GRO (µg/L)
Benzene (µg/L)
MTBE (µg/L)


ARCO 465 MW-19D Time-Series Graph
-25.00
-27.00
-29.00
-31.00
-33.00
-35.00
-37.00
Groundwater Elevation (ft NGVD29)
100
10
1
0.1
2/4/2019
3/26/2019
5/15/2019
7/4/2019
8/23/2019
10/12/2019
12/1/2019
1/20/2020
3/10/2020
Date
MW-19D
GRO (µg/L)
Benzene (µg/L)
MTBE (µg/L)

ARCO 465 V-14 Time-Series Graph



Appendix G

SEVIEW Conceptual Site Model, Data, Results, and Images

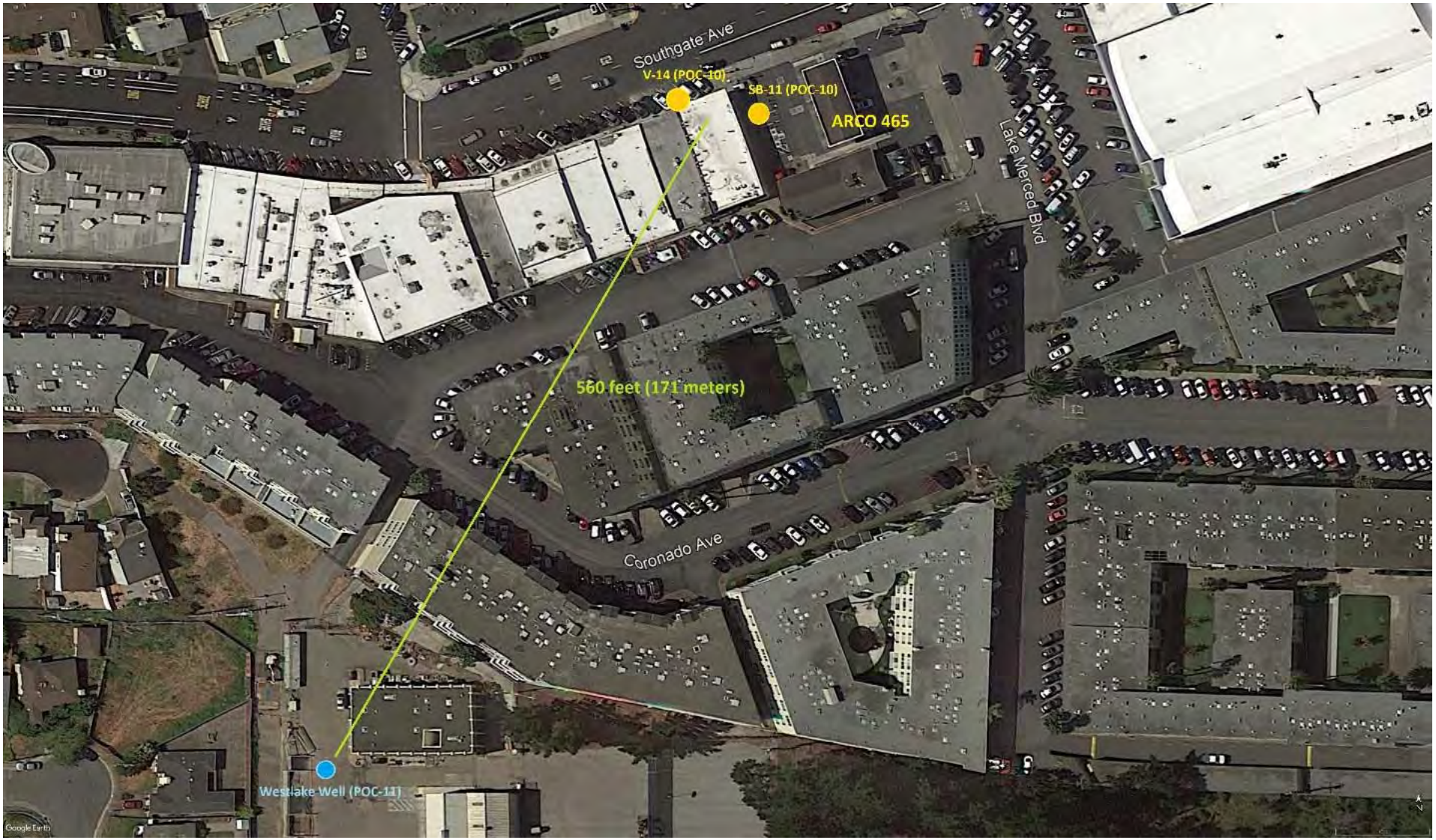


Figure G-1: ARCO 465 with Soil Boring Source Areas and Westlake Well

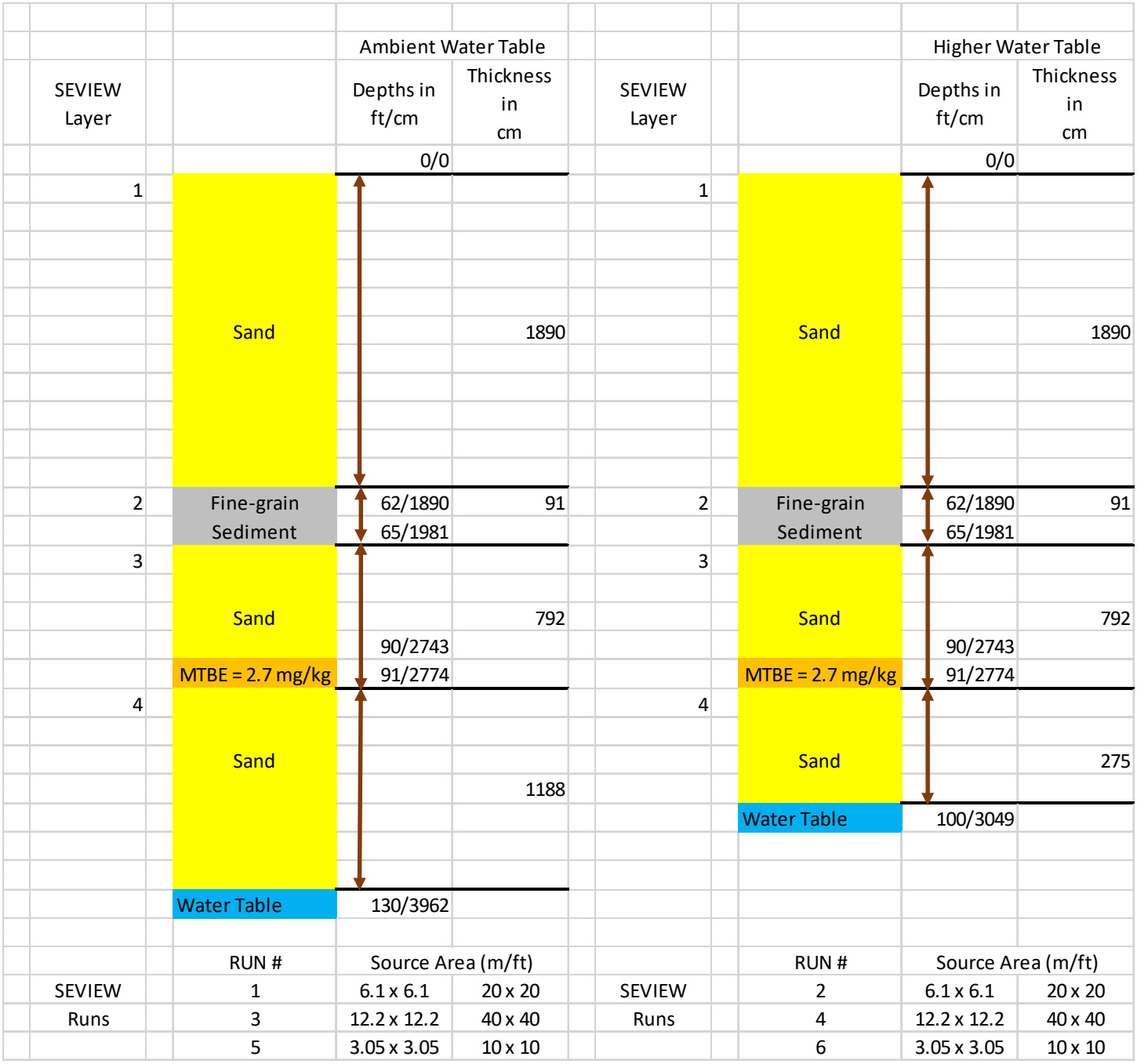


Figure G-2: Conceptual Model at V-14 with Ambient and Higher Water Table

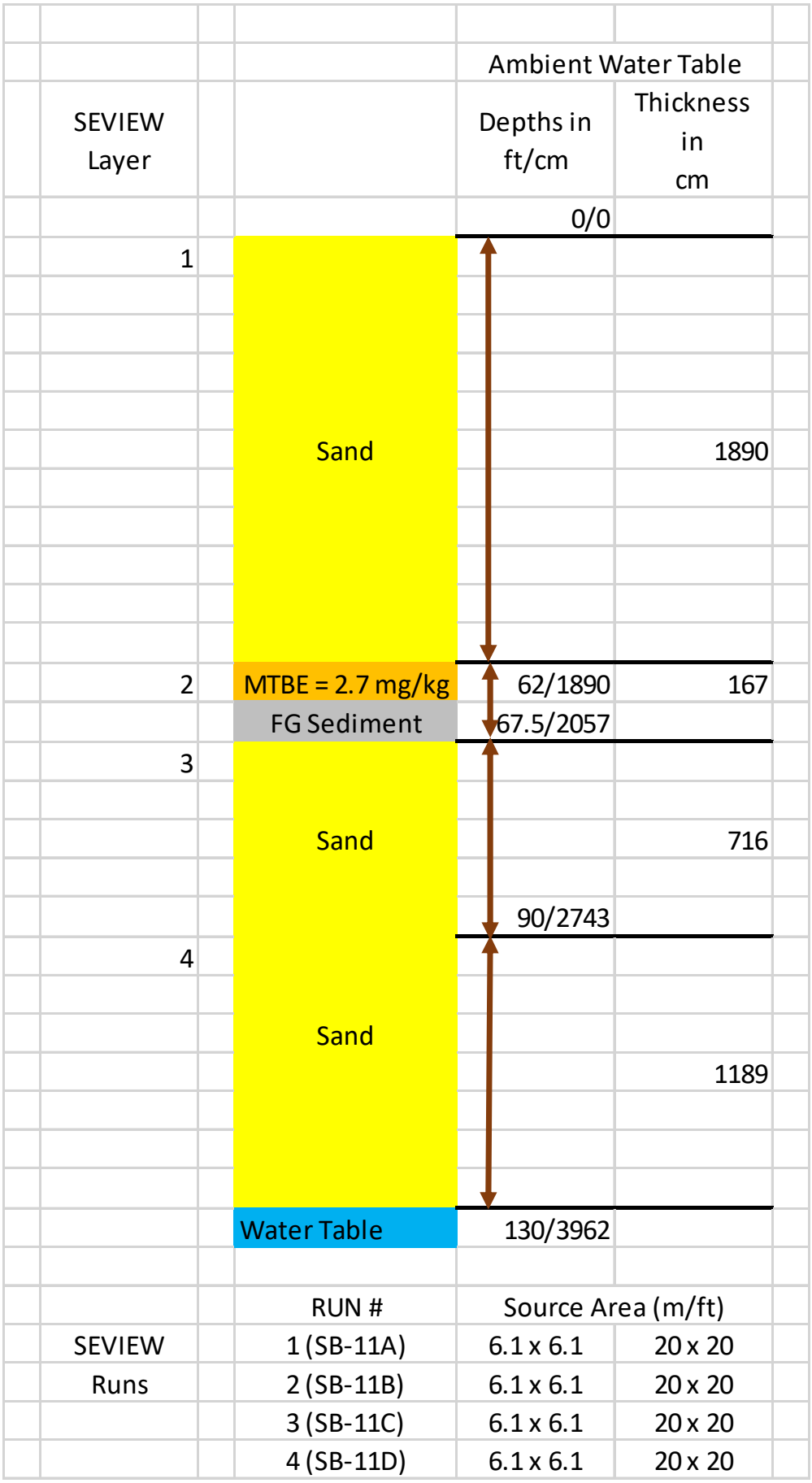
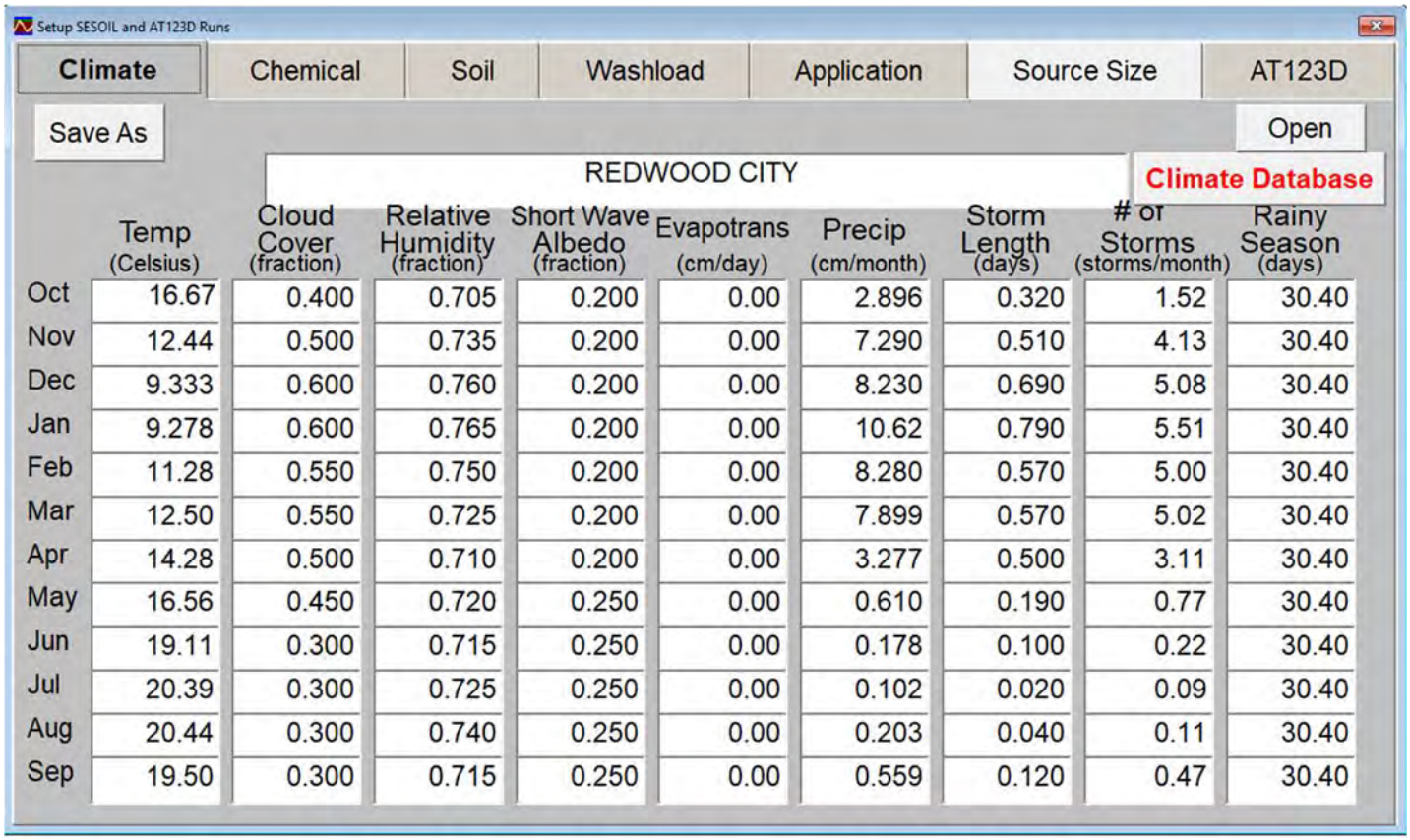


Figure G-3: Conceptual Model for SB-11 with Ambient Water Table



	Temp (Celsius)	Cloud Cover (fraction)	Relative Humidity (fraction)	Short Wave Albedo (fraction)	Evapotrans (cm/day)	Precip (cm/month)	Storm Length (days)	# of Storms (storms/month)	Rainy Season (days)
Oct	16.67	0.400	0.705	0.200	0.00	2.896	0.320	1.52	30.40
Nov	12.44	0.500	0.735	0.200	0.00	7.290	0.510	4.13	30.40
Dec	9.333	0.600	0.760	0.200	0.00	8.230	0.690	5.08	30.40
Jan	9.278	0.600	0.765	0.200	0.00	10.62	0.790	5.51	30.40
Feb	11.28	0.550	0.750	0.200	0.00	8.280	0.570	5.00	30.40
Mar	12.50	0.550	0.725	0.200	0.00	7.899	0.570	5.02	30.40
Apr	14.28	0.500	0.710	0.200	0.00	3.277	0.500	3.11	30.40
May	16.56	0.450	0.720	0.250	0.00	0.610	0.190	0.77	30.40
Jun	19.11	0.300	0.715	0.250	0.00	0.178	0.100	0.22	30.40
Jul	20.39	0.300	0.725	0.250	0.00	0.102	0.020	0.09	30.40
Aug	20.44	0.300	0.740	0.250	0.00	0.203	0.040	0.11	30.40
Sep	19.50	0.300	0.715	0.250	0.00	0.559	0.120	0.47	30.40

Figure G-4: Climate Data (Redwood City, CA)

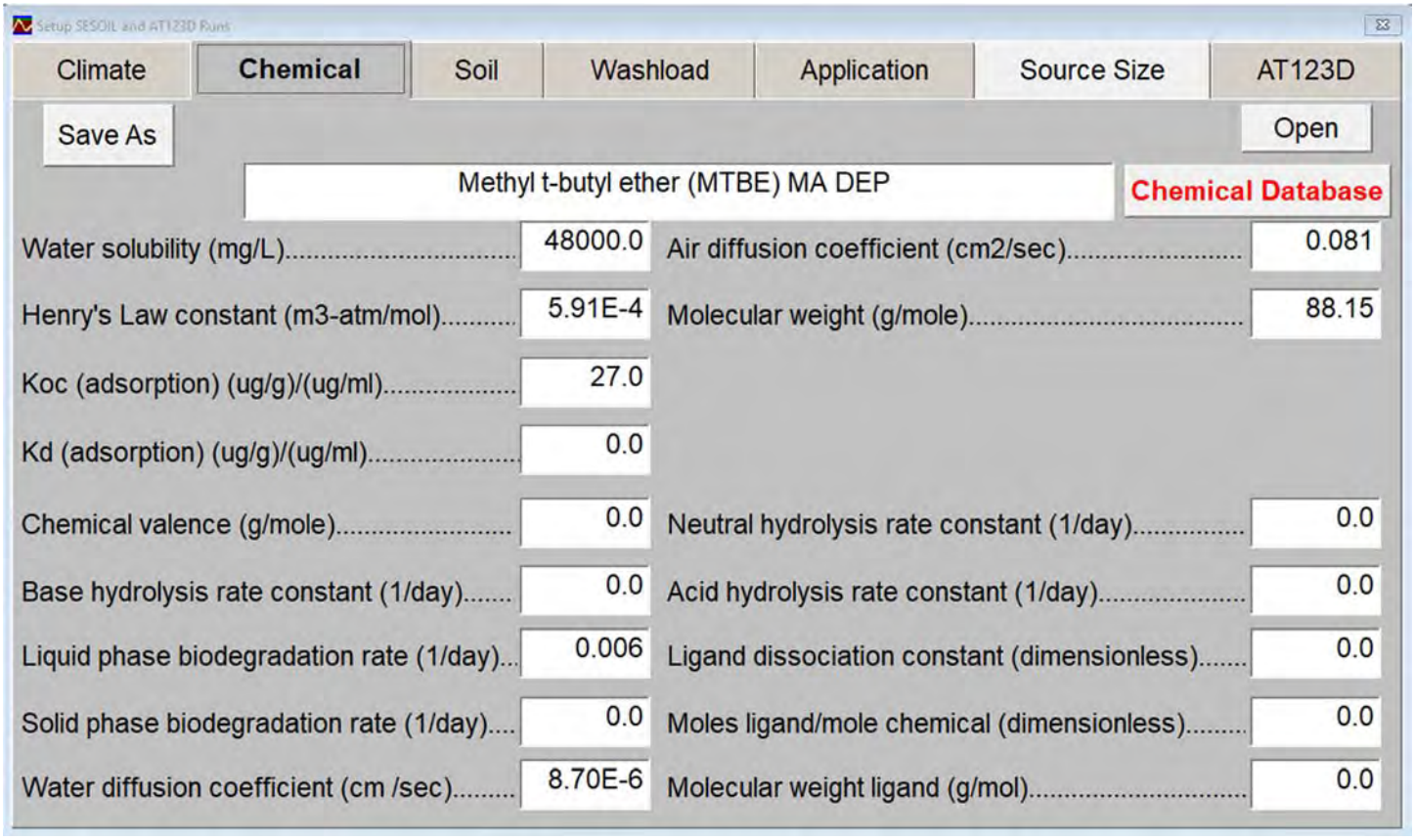


Figure G-5: Chemical Data for MTBE (including Liquid Phase Biodegradation Rate)

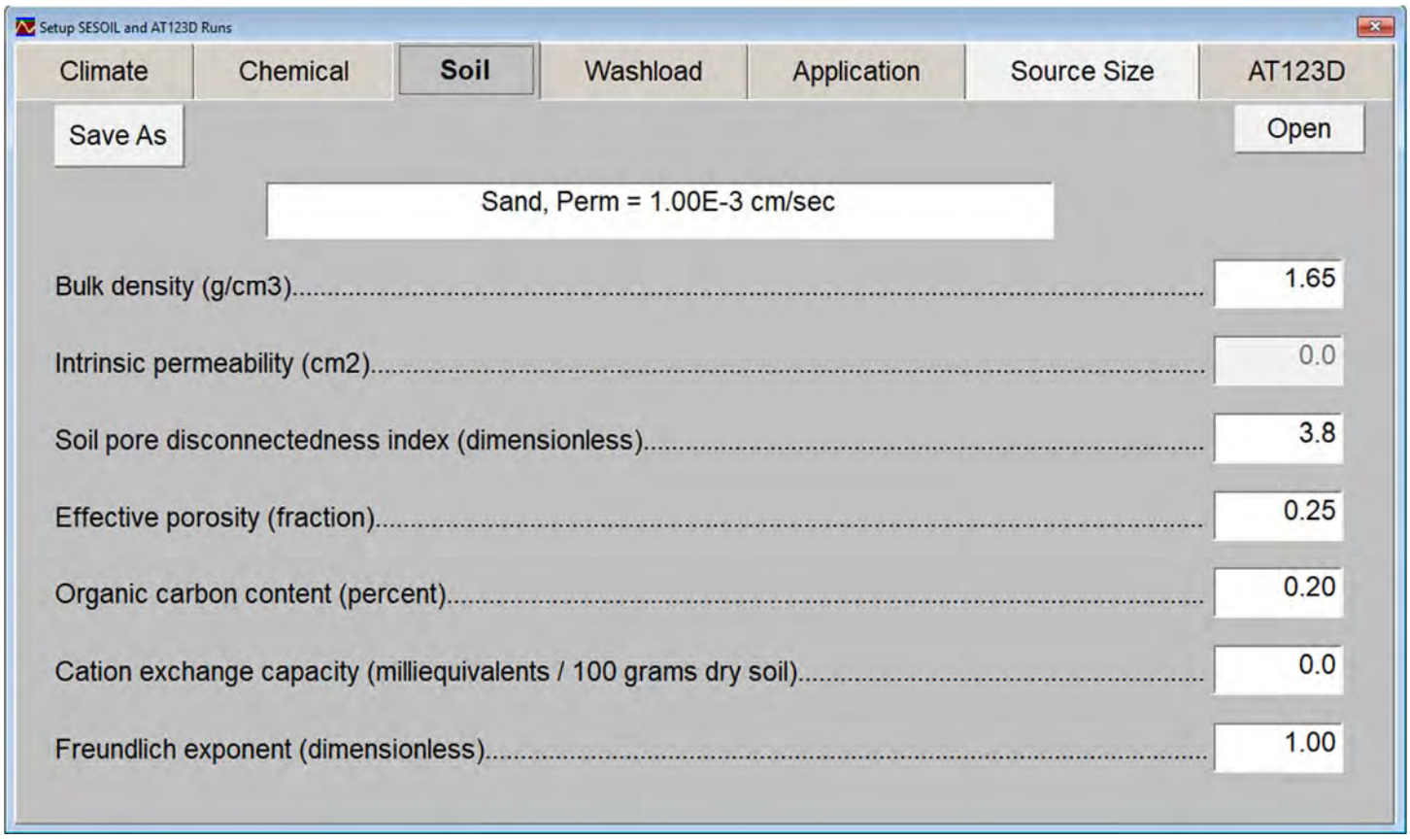


Figure G-6: Generic Soil Parameters

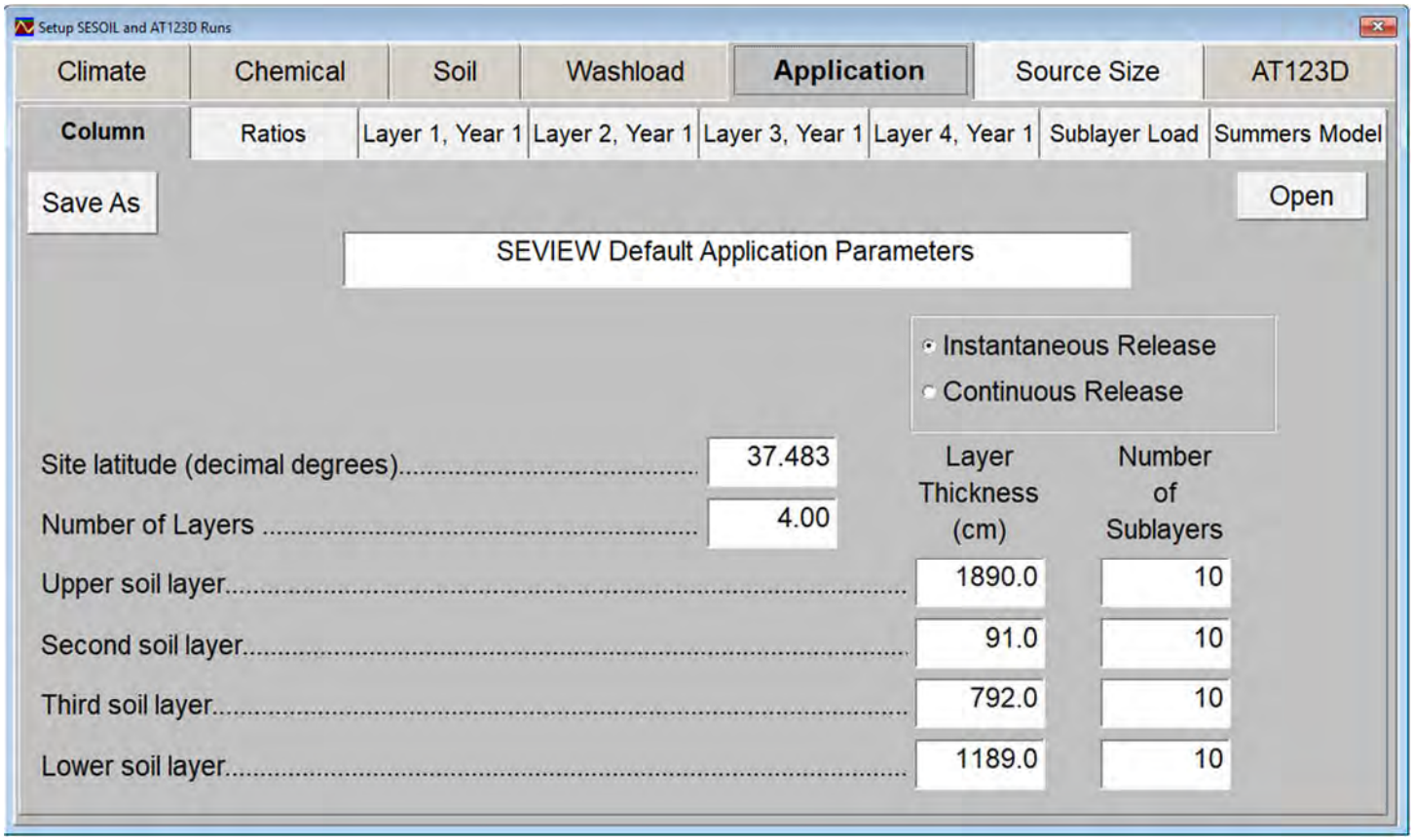


Figure G-7: Site Location and Soil Layer Information (Ambient Water Table)

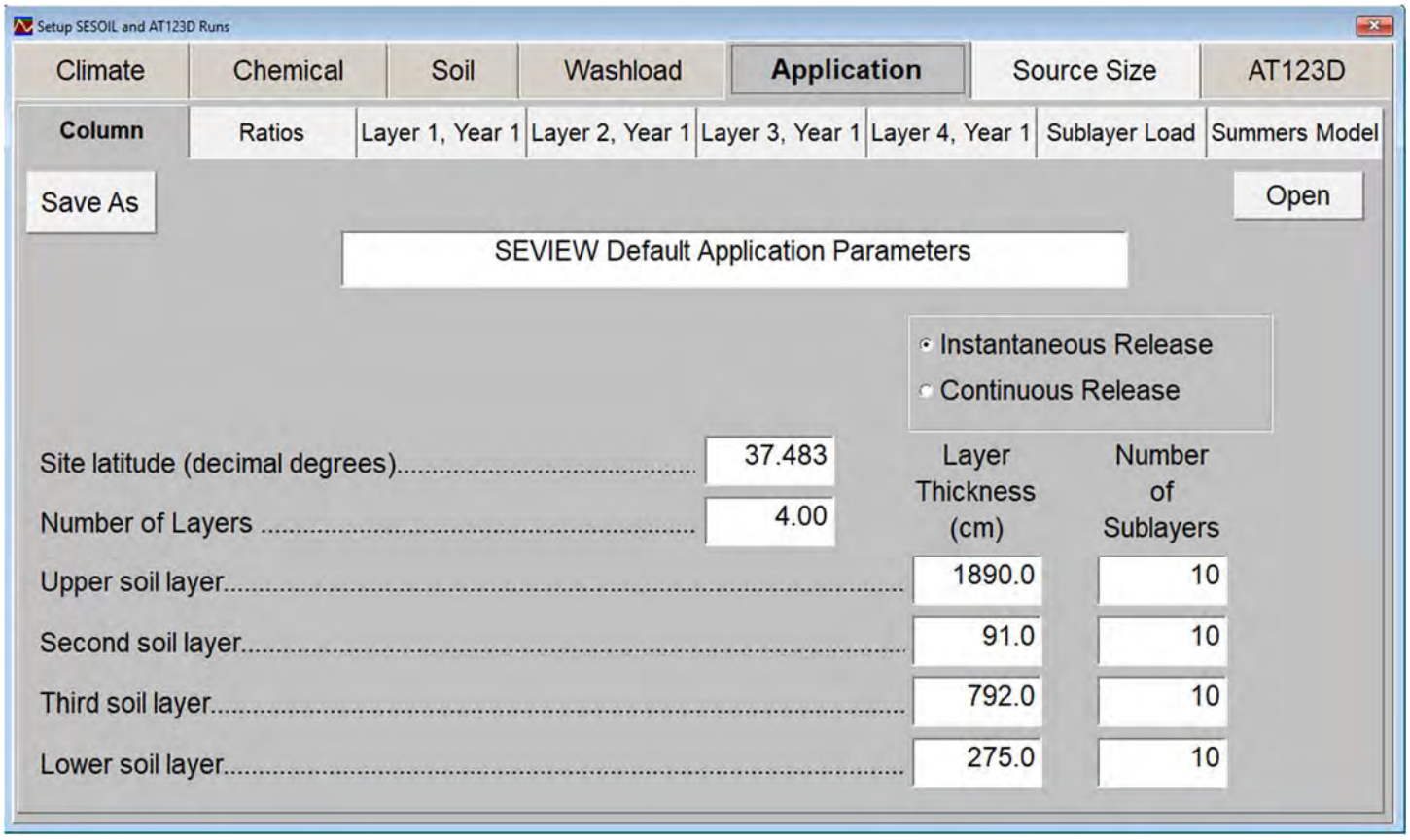


Figure G-8: Site Location and Soil Layer Information (High Water Table)

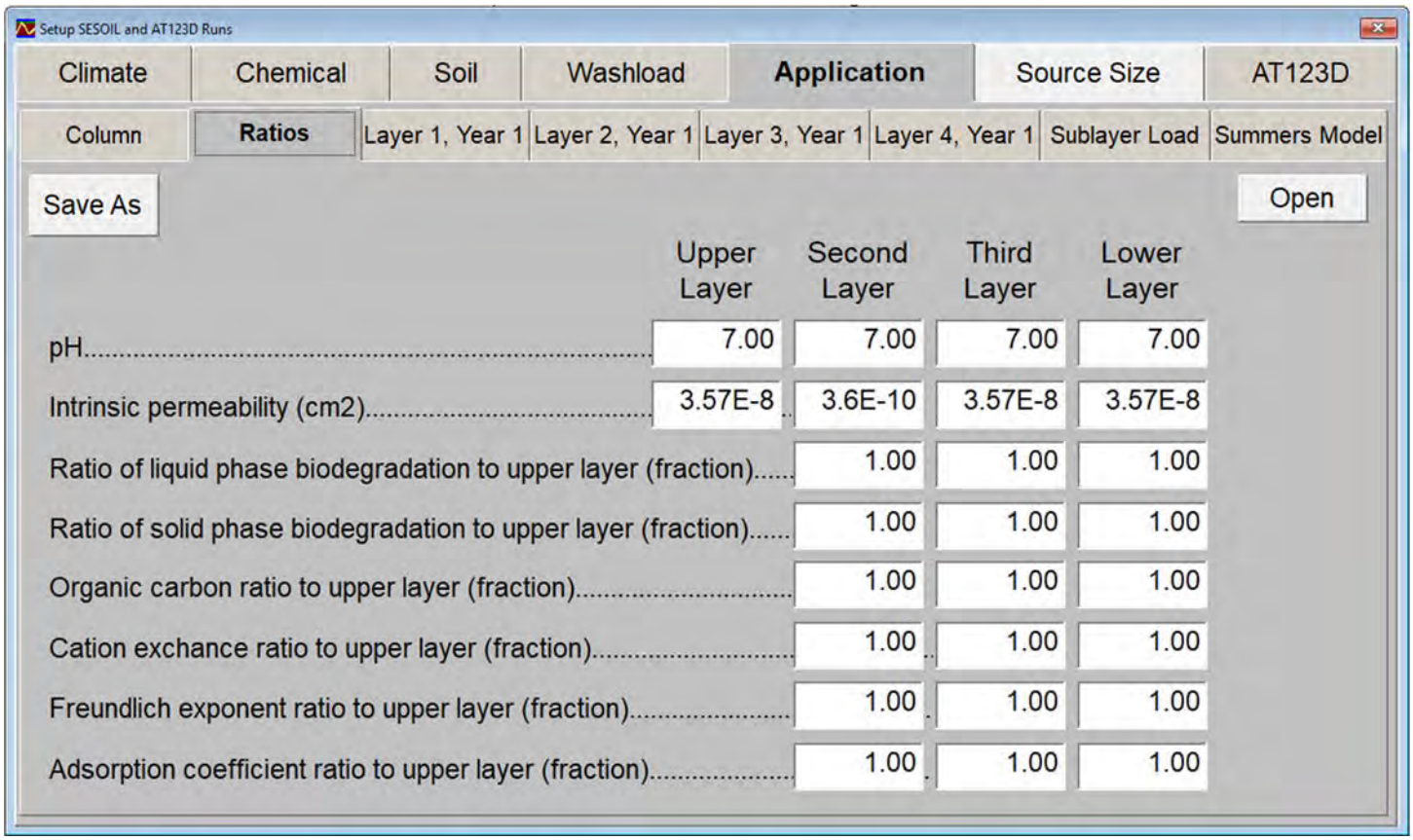


Figure G-9: Physical and Chemical Data for Soil Layers

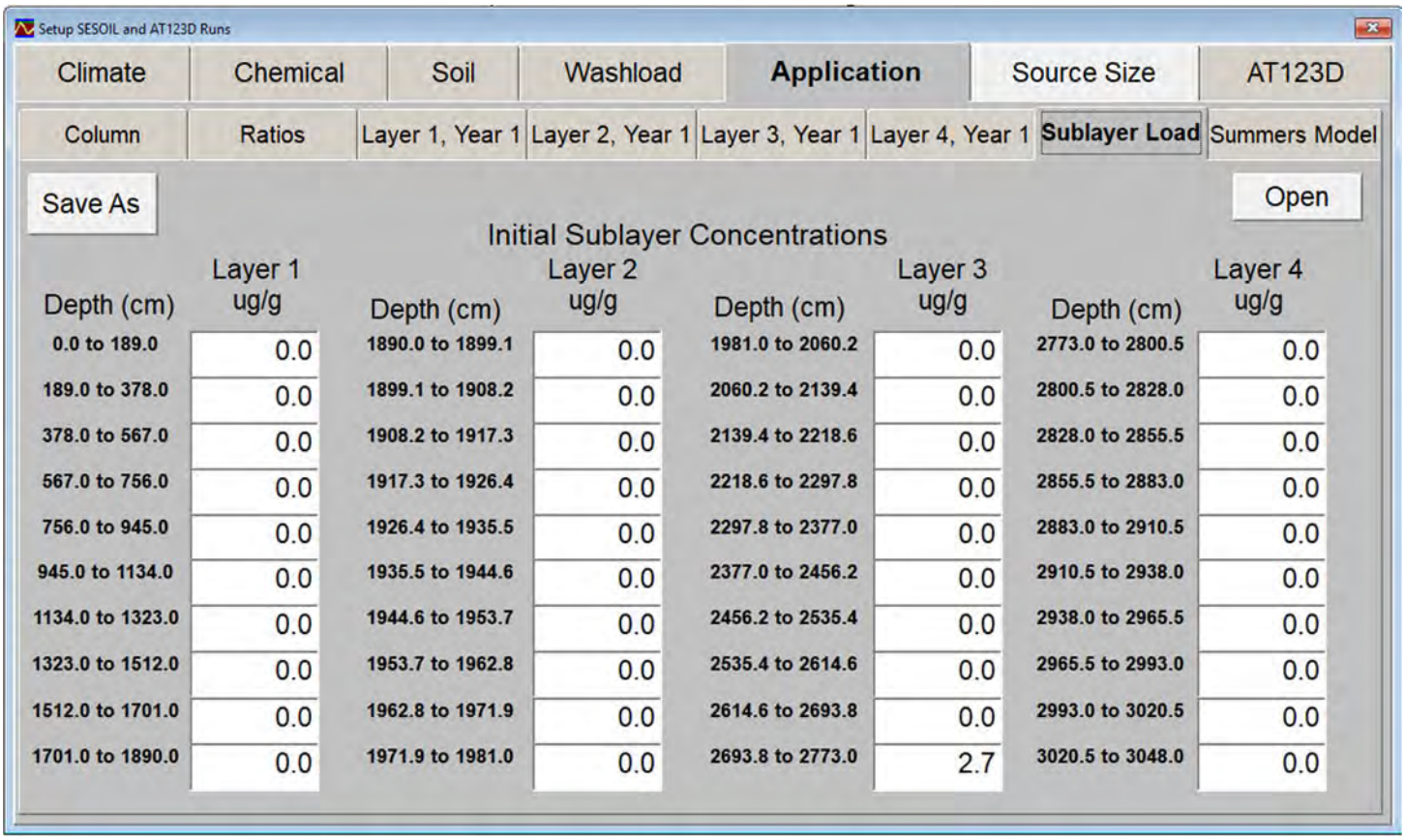


Figure G-10: Sublayer Intervals and MTBE Occurrence for V-14 Simulations

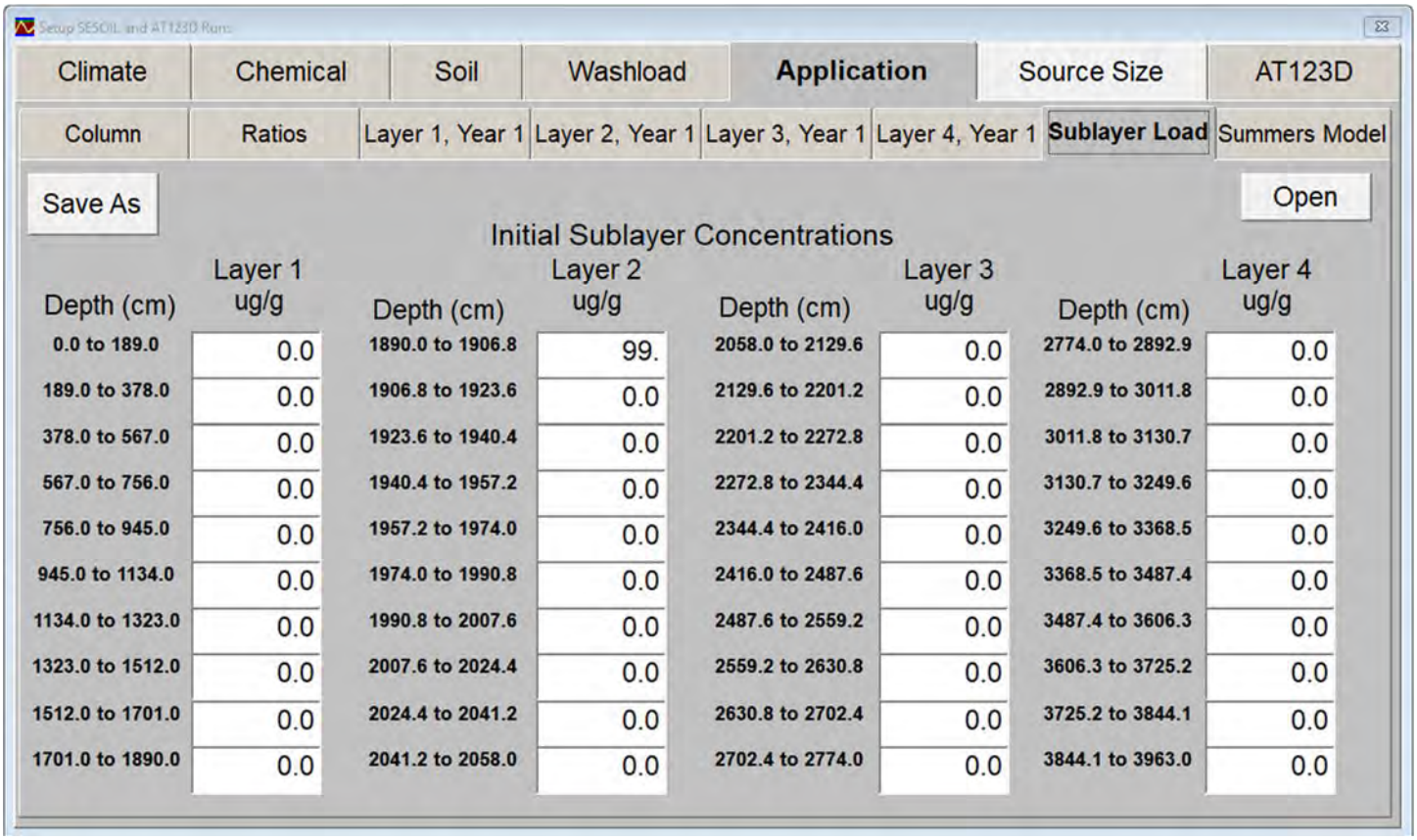


Figure G-11: Sublayer Intervals and MTBE Occurrence for SB-11 Simulations

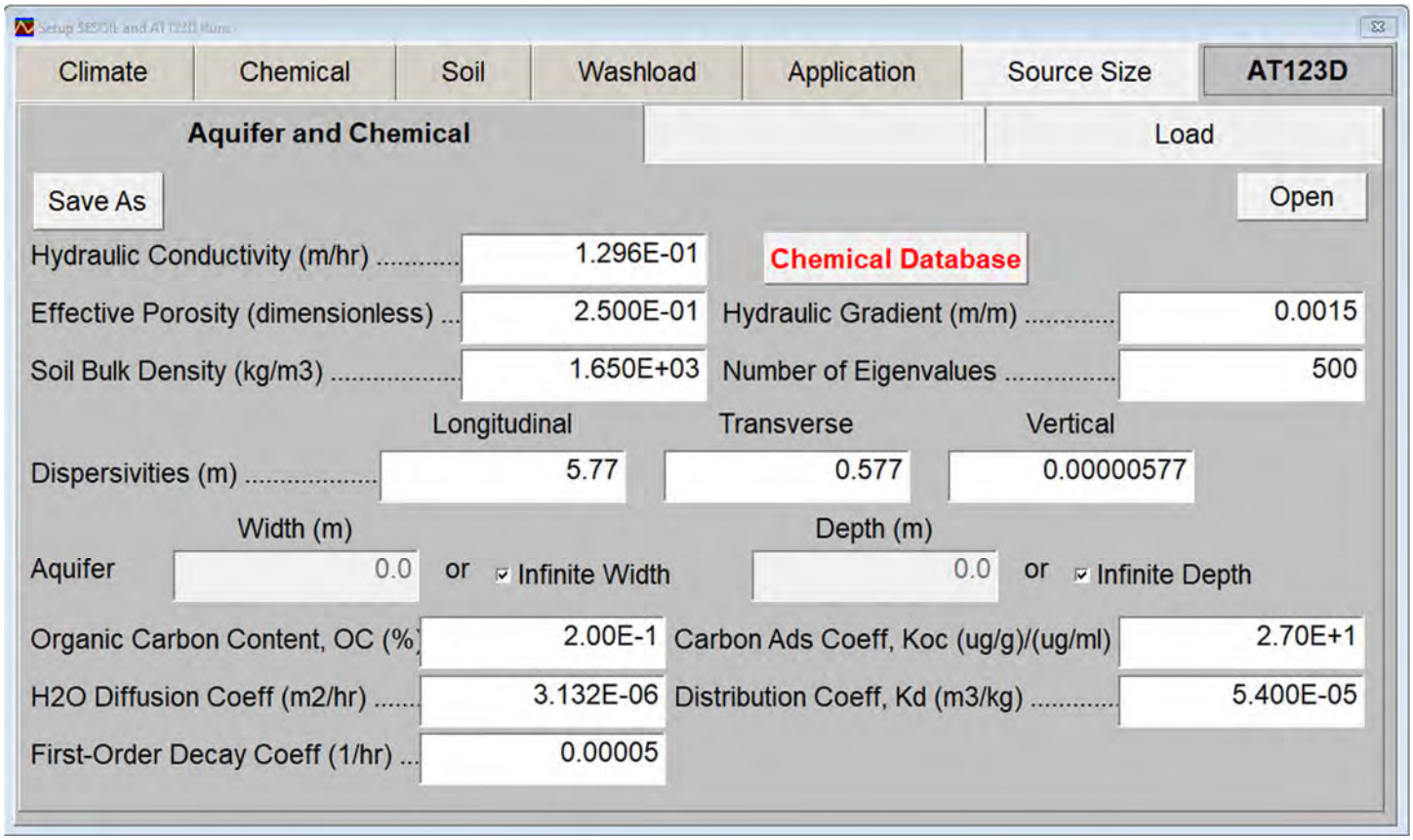


Figure G-12: AT123D Model Parameters including First-Order Decay Coefficient

			Source Area		Predicted Results							
	Unsaturated	Saturated	Lateral Extent		GW Impact at V-14 (POC-10)		GW Impact at SF-03 (POC-11)					
RUN #	Liquid Phase Biodegradation Rate (1/day)	1st Order Decay Coefficient (1/hour)	X Direction (m)	Y Direction (m)	Maximum MTBE Concentration at Source (ug/L)	Year that Maximum Concentration Occurs at Source	Maximum MTBE Concentration at SF-03 (Westlake Well) (ug/L)	Year that Maximum Concentration Occurs at SF-03 (Westlake Well)	Notes		Percent Reduction at Source Compared to Run 1 (6.1 x 6.1)	Percent Reduction at Source Compared to Run 3 Higher WT (12.1 x 12.1)
1	0.0	0.0	6.1	6.1	6040	6.5	32.60	38.92				
2	0.0	0.0	6.1	6.1	9170	1.5	34.10	33.83	Higher WT			
3	0.0	0.0	12.2	12.2	9450	6.5	127.00	38.5				
4	0.0	0.0	12.2	12.2	12400	1.5	132.00	32.83	Higher WT			
5	0.0	0.0	3.05	3.05	1310	6.5	8.04	39.58				
6	0.0	0.0	3.05	3.05	1820	1.5	8.42	34.25	Higher WT			
7	0.006	0.0	6.1	6.1	136	5.5	0.4	35.92			97.75%	
8	0.0	0.00005	6.1	6.1	5370	6.5	0.0	NA			11.09%	
9	0.006	0.0	12.2	12.2	181	5.5	1.5	36.58				98.08%
10	0.0	0.00005	12.2	12.2	7550	6.5	0.0	NA				20.11%
11	0.006	0.0	12.2	12.2	4850	1.5	28.5	32.17	Higher WT			
12	0.0	0.00005	12.2	12.2	11600	1.5	0.01	19.83	Higher WT			

Figure G-13: Summary of Variable Input Parameters and Results for V-14 Source Area

		SESOIL (Unsaturated Parameters)														AT123D (Ground-water Parameters)					Source Area							Predicted Results				
		Layers	Layer Thicknesses (cm)				Layer Hydraulic Conductivities (cm/sec)				Layer Intrinsic Permeabilities (cm^2)							Dispersivities (m)			Saturated	Contaminant Summary					Lateral Extent		GW Impact at V-14 (POC-10)		GW Impact at SF-03 (POC-11)		
RUN #	Simulation Time (years)		1	2	3	4	1	2	3	4	1	2	3	4	Liquid Phase Biodegradation Rate (1/day)	Solid Phase Biodegradation Rate (1/day)	Hydraulic Gradient (cm/cm)	α_L	α_T	α_V	1st Order Decay Coefficient (1/hour)	Contaminant	Initial Concentration (mg/Kg)	Layer/ Sublayer	Upper Depth to Impacted Soil Sublayer (cm)	Lower Depth to Impacted Soil Sublayer (cm)	X Direction (m)	Y Direction (m)	Maximum MTBE Concentration at Source (ug/L)	Year that Maximum Concentration Occurs at Source	Maximum MTBE Concentration at SF-03 (Westlake Well) (ug/L)	Year that Maximum Concentration Occurs at SF-03 (Westlake Well)	Notes
1	50	4	1890	91	762	1189	0.001	0.00001	0.001	0.001	3.57E-08	3.57E-10	3.57E-08	3.57E-08	0.0	0.0	0.0015	5.77	0.577	0.00000577	0.0	MTBE	2.7	3/10	2694	2773	6.1	6.1	6040	6.5	32.60	38.92	
2	50	4	1890	91	762	275	0.001	0.00001	0.001	0.001	3.57E-08	3.57E-10	3.57E-08	3.57E-08	0.0	0.0	0.0015	5.77	0.577	0.00000577	0.0	MTBE	2.7	3/10	2694	2773	6.1	6.1	9170	1.5	34.10	33.83	Higher WT
3	50	4	1890	91	762	1189	0.001	0.00001	0.001	0.001	3.57E-08	3.57E-10	3.57E-08	3.57E-08	0.0	0.0	0.0015	5.77	0.577	0.00000577	0.0	MTBE	2.7	3/10	2694	2773	12.2	12.2	9450	6.5	127.00	38.5	
4	50	4	1890	91	762	275	0.001	0.00001	0.001	0.001	3.57E-08	3.57E-10	3.57E-08	3.57E-08	0.0	0.0	0.0015	5.77	0.577	0.00000577	0.0	MTBE	2.7	3/10	2694	2773	12.2	12.2	12400	1.5	132.00	32.83	Higher WT
5	50	4	1890	91	762	1189	0.001	0.00001	0.001	0.001	3.57E-08	3.57E-10	3.57E-08	3.57E-08	0.0	0.0	0.0015	5.77	0.577	0.00000577	0.0	MTBE	2.7	3/10	2694	2773	3.05	3.05	1310	6.5	8.04	39.58	
6	50	4	1890	91	762	275	0.001	0.00001	0.001	0.001	3.57E-08	3.57E-10	3.57E-08	3.57E-08	0.0	0.0	0.0015	5.77	0.577	0.00000577	0.0	MTBE	2.7	3/10	2694	2773	3.05	3.05	1820	1.5	8.42	34.25	Higher WT
7	50	4	1890	91	762	1189	0.001	0.00001	0.001	0.001	3.57E-08	3.57E-10	3.57E-08	3.57E-08	0.006	0.0	0.0015	5.77	0.577	0.00000577	0.0	MTBE	2.7	3/10	2694	2773	6.1	6.1	136	5.5	0.4	35.92	
8	50	4	1890	91	762	1189	0.001	0.00001	0.001	0.001	3.57E-08	3.57E-10	3.57E-08	3.57E-08	0.0	0.0	0.0015	5.77	0.577	0.00000577	0.00005	MTBE	2.7	3/10	2694	2773	6.1	6.1	5370	6.5	0.0	NA	
9	50	4	1890	91	762	1189	0.001	0.00001	0.001	0.001	3.57E-08	3.57E-10	3.57E-08	3.57E-08	0.006	0.0	0.0015	5.77	0.577	0.00000577	0.0	MTBE	2.7	3/10	2694	2773	12.2	12.2	181	5.5	1.5	36.58	
10	50	4	1890	91	762	1189	0.001	0.00001	0.001	0.001	3.57E-08	3.57E-10	3.57E-08	3.57E-08	0.0	0.0	0.0015	5.77	0.577	0.00000577	0.00005	MTBE	2.7	3/10	2694	2773	12.2	12.2	7550	6.5	0.0	NA	
11	50	4	1890	91	762	275	0.001	0.00001	0.001	0.001	3.57E-08	3.57E-10	3.57E-08	3.57E-08	0.006	0.0	0.0015	5.77	0.577	0.00000577	0.0	MTBE	2.7	3/10	2694	2773	12.2	12.2	4850	1.5	28.5	32.17	Higher WT
12	50	4	1890	91	762	275	0.001	0.00001	0.001	0.001	3.57E-08	3.57E-10	3.57E-08	3.57E-08	0.0	0.0	0.0015	5.77	0.577	0.00000577	0.00005	MTBE	2.7	3/10	2694	2773	12.2	12.2	11600	1.5	0.01	19.83	Higher WT

Figure G-14: Detailed Summary of Key Input Parameters and Results for V-14 Source Area

	Unsaturated	Saturated	Source Area		Predicted Results					
			Lateral Extent		GW Impact at SB-11 (POC-10)		GW Impact at SF-03 (POC-11)			
RUN #	Liquid Phase Biodegradation Rate (1/day)	1st Order Decay Coefficient (1/hour)	X Direction (m)	Y Direction (m)	Maximum MTBE Concentration at Source (ug/L)	Year that Maximum Concentration Occurs at Source	Maximum MTBE Concentration at SF-03 (Westlake Well) (ug/L)	Year that Maximum Concentration Occurs at SF-03 (Westlake Well)	Notes	Percent Reduction at Source Compared to Run 1
1	0.0	0.0	6.1	6.1	39800	10.5	250.00	44.25		
2	0.006	0.0	6.1	6.1	33.5	10.5	0.09	41.42		99.92%
3	0.0	0.00005	6.1	6.1	36600	10.5	0.01	27.67		8.04%
4	0.006	0.00005	6.1	6.1	30.6	10.5	0.00	--		99.92%

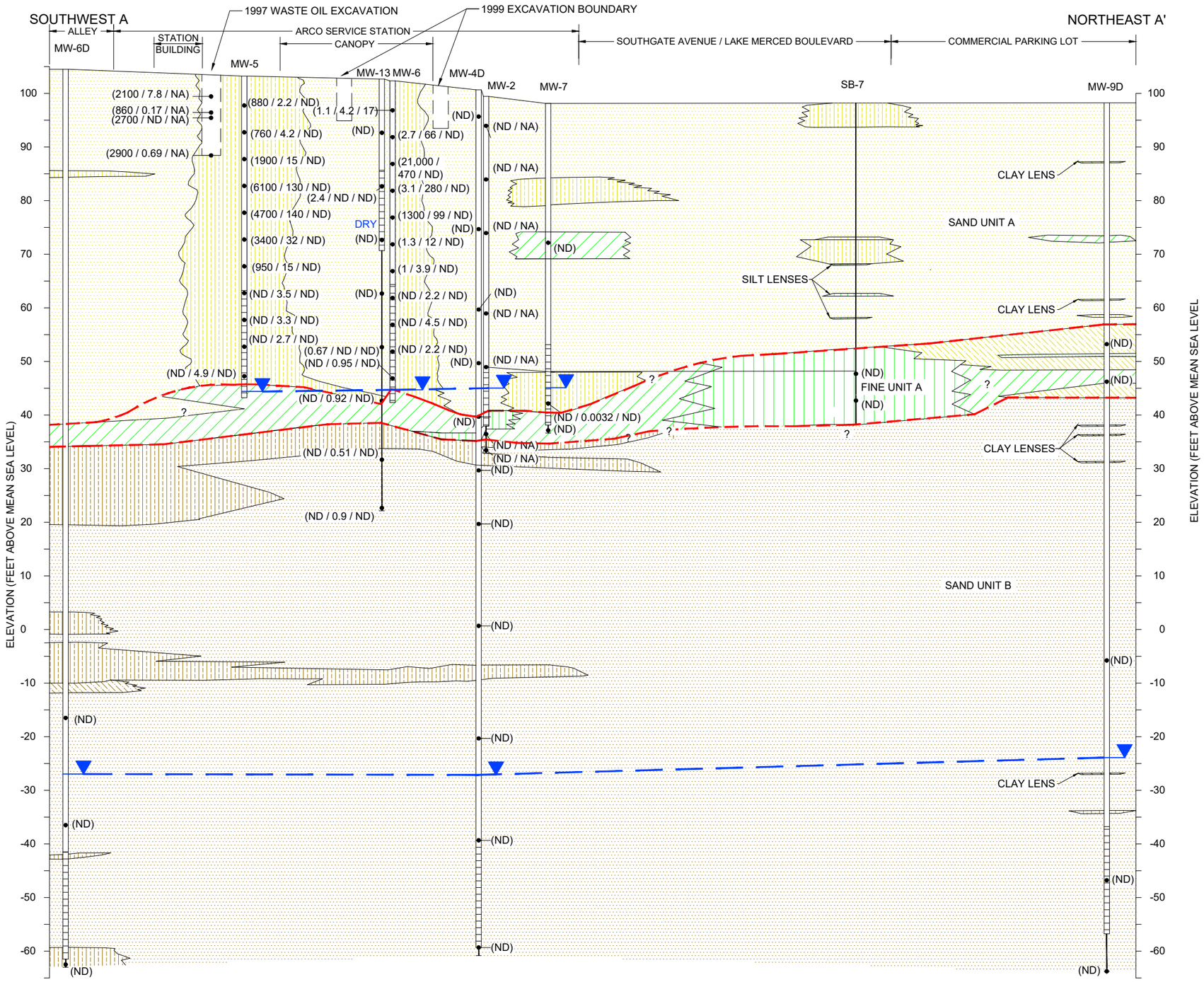
Figure G-15: Summary of Variable Input Parameters and Results for SB-11 Source Area

		SESOIL (Unsaturated Parameters)															AT123D (Ground-water Parameters)					Contaminant Properties and Extent							Predicted Results				
		Layers	Layer Thicknesses (cm)				Layer Hydraulic Conductvities (cm/sec)				Layer Intrinsic Permeabilities (cm^2)							Dispersivities (m)				Contaminant Summary					Lateral Extent		GW Impact at SB-11 (POC-10)		GW Impact at SF-03 (POC-11)		
RUN #	Simulation Time (years)		1	2	3	4	1	2	3	4	1	2	3	4	Liquid Phase Biodegradation Rate (1/day)	Solid Phase Biodegradation Rate (1/day)	Hydraulic Gradient (cm/cm)	α_L	α_T	α_v	1st Order Decay Coefficient (1/hour)	Contaminant	Initial Concentration (mg/Kg)	Layer/ Sublayer	Upper Depth to Impacted Soil Sublayer (cm)	Lower Depth to Impacted Soil Sublayer (cm)	X Direction (m)	Y Direction (m)	Maximum MTBE Concentration at Source (ug/L)	Year that Maximum Concentration Occurs at Source	Maximum MTBE Concentration at SF-03 (Westlake Well) (ug/L)	Year that Maximum Concentration Occurs at SF-03 (Westlake Well)	Notes
1	50	4	1890	168	716	1190	0.001	0.00001	0.001	0.001	3.57E-08	3.57E-10	3.57E-08	3.57E-08	0.0	0.0	0.0015	5.77	0.577	0.00000577	0.0	MTBE	99	2/1	1890	1907	6.1	6.1	39800	10.5	250.00	44.25	
2	50	4	1890	168	716	1190	0.001	0.00001	0.001	0.001	3.57E-08	3.57E-10	3.57E-08	3.57E-08	0.006	0.0	0.0015	5.77	0.577	0.00000577	0.0	MTBE	99	2/1	1890	1907	6.1	6.1	33.5	10.5	0.09	41.42	
3	50	4	1890	168	716	1190	0.001	0.00001	0.001	0.001	3.57E-08	3.57E-10	3.57E-08	3.57E-08	0.0	0.0	0.0015	5.77	0.577	0.00000577	0.00005	MTBE	99	2/1	1890	1907	6.1	6.1	36600	10.5	0.01	27.67	
4	50	4	1890	168	716	1190	0.001	0.00001	0.001	0.001	3.57E-08	3.57E-10	3.57E-08	3.57E-08	0.006	0.0	0.0015	5.77	0.577	0.00000577	0.00005	MTBE	99	2/1	1890	1907	6.1	6.1	30.6	10.5	0.00	--	

Figure G-16: Detailed Summary of Key Input Parameters and Results for SB-11 Source Area

Appendix H

Cross-Sections



LEGEND

MW-10 WELL ID / BORING ID

(ND / 0.11 / ND) SOIL SAMPLE LOCATION WITH GRO / MTBE / TBA CONCENTRATIONS (mg/kg)

WELL CASING / EXPLORATORY BORING

WELL SCREEN

RECENT GROUNDWATER ELEVATION (1Q2020)

TOTAL DEPTH OF BORING

APPROXIMATE STRATIGRAPHIC BOUNDARY -DASHED WHERE INFERRED

INTERPRETED APPROXIMATE BOUNDARY OF FINE UNIT A

SAND

SILT

SILTY SAND

CLAY

CLAYEY SAND

NOTE: SAND UNIT A IS GOLD. FINE UNIT A IS GREEN SAND UNIT B IS BROWN.

FIRST QUARTER 2020 GROUNDWATER LEVEL

DRY NO MEASURABLE WATER

ANALYTICAL NOTES:
mg/kg = MILLIGRAMS PER KILOGRAM
GRO = GASOLINE RANGE ORGANICS
MTBE = METHYL TERTIARY BUTYL ETHER
TBA = TERTIARY BUTYL ALCOHOL
NA = NOT ANALYZED (MTBE AND TBA)
EY = RESULT EXCEEDS NORMAL DYNAMIC RANGE; REPORTED AS AN ESTIMATE
ND = NOT DETECTED
(ND) = ALL THREE CONCENTRATIONS WERE NOT DETECTED

0 40
SCALE IN FEET
20

FIGURE 4
GEOLOGIC CROSS SECTION A-A' WITH SOIL ANALYTICAL DATA
ARCO SERVICE STATION NO. 0465
151 SOUTHGATE AVENUE
DALY CITY, CALIFORNIA

PROJECT NO.	PREPARED BY	REF SCALE
00465EA201	JH	SEE ABOVE
DATE	REVIEWED BY	MAP SCALE
4/7/2020	SH/RB	SEE ABOVE

antea group

FileName: 0465_CrossA18_ed.dwg

SOUTH B

NORTH B'

COMMERCIAL PARKING | ARCO SERVICE STATION NO. 465 | SOUTHGATE AVENUE

MW-6D MW-11R MW-10 V-11 V-10 SB-15 MW-5D SB-11 V-12 SB-2 MW-15 MW-19D MW-19 SB-20D

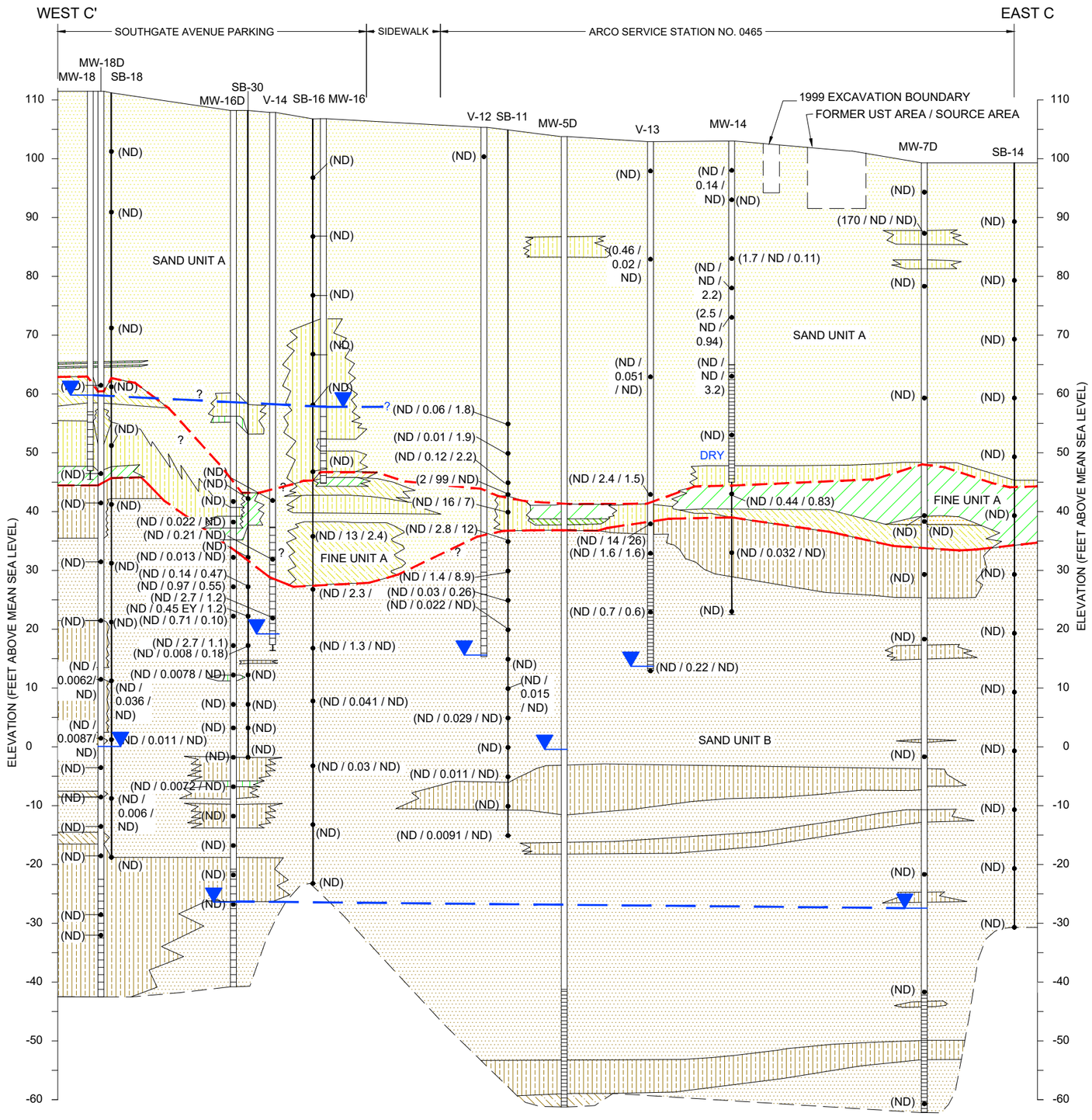
ELEVATION (FEET ABOVE MEAN SEA LEVEL)

SAND UNIT A

SAND UNIT B

FINE UNIT A

(ND / 0.0026 / ND)
(ND / 0.045 / 0.35)
(ND / 0.052 / ND)
(ND / 0.011 / ND)
(ND / 0.17 / ND)
(ND / 0.14 / ND)
(ND / 0.016 / ND)
(ND)
(ND / 0.14 / ND)
(ND / 0.26 / ND)
(25 / 5.3 / 1.3)
(240 / 49 / ND)
(18 / 31 / ND)
(ND / ND / 0.18)
(250 / 17 / 1.3)
(3.7 / 12 / 1.1)
(ND / ND / 0.34)
(6.2 / 20 / ND)
(4.4 / 76 / 7.1)
(ND)
(ND / 0.25 / 4.6)
(0.43 / 49 / ND)
(ND / 2.1 / ND)
(ND / 1.1 / ND)
(ND / 0.26 / ND)
(ND / 0.014 / ND)
(ND / 0.025 / ND)
(ND / 0.018 / ND)
(ND)
(ND)
(5 / 17 / 3.5)
(1200 / 41 / ND)
(ND / ND / 0.42)
(0.39 / 0.009 / 0.42)
(160 / ND / ND)
(ND / 0.06 / 1.8)
(ND / 0.015 / ND)
(ND / 0.01 / 1.9)
(ND / 0.12 / 2.2)
(ND / 0.18 / 5.6)
(ND / 2.2 / 34)
(ND / 1.4 / 27)
(ND / 9.1 / 12)
(ND / 1.4 / 8.9)
(ND / 2.9 / 0.34)
(ND / 0.03 / 0.26)
(ND / 0.022 / ND)
(ND / 0.37 / ND)
(ND / 0.036 / 0.19)
(ND)
(ND / 2.8 / 12)
(ND / 0.33 / ND)
(ND / 0.015 / ND)
(ND / 0.029 / ND)
(ND / 0.011 / ND)
(ND / 0.0091 / ND)
(ND / 0.0067 / ND)
(ND)
(ND / 0.1 / 1.7)
(ND)
(ND)
(ND / 0.1 / 0.059 / ND)
(ND / 0.045 / ND)
(ND / 0.019 / ND)
(ND / 0.026 / ND)
(ND / 0.068 / 0.13)
(ND / 0.065 / ND)
(3.1 / 1.5 / ND)
(5.5 / 4.4 / ND)
(ND / 0.065 / ND)
(3.9 / 2.5 / ND)
(2.7 / 1.1 / ND)
(ND / 7.3 / ND)
(3.2 / 1.8 / ND)
(2.6 / 0.86 / ND)
(ND / 3.8 / ND)
(ND / 0.45 / ND)
(ND / 13 / 27)
(ND / 0.33 / ND)
(ND / 0.020 / ND)
(ND / 0.028 / ND)
(ND / 0.016 / ND)
(ND / 0.012 / ND)
(ND / 0.023 / ND)
(ND / 0.030 / ND)
(ND / 0.013 / ND)
(ND / 0.036 / ND)
(ND / 0.021 / ND)
(ND)
(ND)
(



LEGEND

MW-10 WELL ID / BORING ID

WELL CASING / EXPLORATORY BORING

(ND / 0.11 / ND) SOIL SAMPLE LOCATION WITH GRO / MTBE / TBA CONCENTRATIONS (mg/kg)

WELL SCREEN

RECENT GROUNDWATER ELEVATION (1Q2020)

TOTAL DEPTH OF BORING

APPROXIMATE STRATIGRAPHIC BOUNDARY -DASHED WHERE INFERRED

INTERPRETED APPROXIMATE BOUNDARY OF FINE UNIT A

SAND

SILT

SILTY SAND

CLAY

CLAYEY SAND

NOTE: SAND UNIT A IS GOLD. FINE UNIT A IS GREEN. SAND UNIT B IS BROWN.

FIRST QUARTER 2020 GROUNDWATER LEVEL

DRY NO MEASURABLE WATER

ANALYTICAL NOTES:

mg/kg = MILLIGRAMS PER KILOGRAM
GRO = GASOLINE RANGE ORGANICS
MTBE = METHYL TERTIARY BUTYL ETHER
TBA = TERTIARY BUTYL ALCOHOL
NA = NOT ANALYZED (MTBE AND TBA)
EY = RESULT EXCEEDS NORMAL DYNAMIC RANGE; REPORTED AS AN ESTIMATE
ND = NOT DETECTED
(ND) = ALL THREE CONCENTRATIONS WERE NOT DETECTED

0 40
SCALE IN FEET
20

FIGURE 6
GEOLOGIC CROSS SECTION C-C' WITH SOIL ANALYTICAL DATA
ARCO SERVICE STATION NO. 0465
151 SOUTHGATE AVENUE
DALY CITY, CALIFORNIA

PROJECT NO.	PREPARED BY	REF SCALE
00465EA201	JH	SEE ABOVE
DATE	REVIEWED BY	MAP SCALE
04/07/2020	SH/RB	SEE ABOVE

antea group

FileName: 0465_CrossA19.dwg

Appendix I

Low Threat Closure Policy Checklist

Site Name: Arco #465
Site Address: 151 Southgate Avenue Daly City, CA 94015

Site meets the criteria of the Low-Threat Underground Storage Tank (UST) Case Closure Policy as described below.[1]

General Criteria General criteria that must be satisfied by all candidate sites: **Is the unauthorized release located within the service area of a public water system?**	☒Yes ☐No
Does the unauthorized release consist only of petroleum?	☒Yes ☐No
Has the unauthorized ("primary") release from the UST system been stopped?	☒Yes ☐No
Has free product been removed to the maximum extent practicable?	☒Yes ☐No ☐NA
Has a conceptual site model that assesses the nature, extent, and mobility of the release been developed?	☒Yes ☐No
Has secondary source been removed to the extent practicable?	☒Yes ☐No
Has soil or groundwater been tested for MTBE and results reported in accordance with Health and Safety Code Section 25296.15?	☒Yes ☐No
Does nuisance as defined by Water Code section 13050 exist at the site?	☐Yes ☒No
Are there unique site attributes or site-specific conditions that demonstrably increase the risk associated with residual petroleum constituents?	☐Yes ☒No
Media-Specific Criteria Candidate sites must satisfy all three of these media-specific criteria: **1. Groundwater:** To satisfy the media-specific criteria for groundwater, the contaminant plume that exceeds water quality objectives must be stable or decreasing in areal extent, and meet all of the additional characteristics of one of the five classes of sites: **Is the contaminant plume that exceeds water quality objectives stable or decreasing in areal extent?**	☒Yes ☐No ☐NA
Does the contaminant plume that exceeds water quality objectives meet all of the additional characteristics of one of the five classes of sites? If YES, check applicable class: ☐**1** ☐**2** ☐**3** ☐**4** ☒**5**	☒Yes ☐No ☐NA

[1] Refer to the Low-Threat Underground Storage Tank Case Closure Policy for closure criteria for low-threat petroleum UST sites.

Site Name: Arco #465
Site Address: 151 Southgate Avenue Daly City, CA 94015

For sites with releases that have not affected groundwater, do mobile constituents (leachate, vapors, or light non-aqueous phase liquids) contain sufficient mobile constituents to cause groundwater to exceed the groundwater criteria?	☐Yes ☐No ☒NA
2. Petroleum Vapor Intrusion to Indoor Air: The site is considered low-threat for vapor intrusion to indoor air if site-specific conditions satisfy all of the characteristics of one of the three classes of sites (a through c) or if the exception for active commercial fueling facilities applies. **Is the site an active commercial petroleum fueling facility?** Exception: Satisfaction of the media-specific criteria for petroleum vapor intrusion to indoor air is not required at active commercial petroleum fueling facilities, except in cases where release characteristics can be reasonably believed to pose an unacceptable health risk. **a. Do site-specific conditions at the release site satisfy all of the applicable characteristics and criteria of scenarios 1 through 3 or all of the applicable characteristics and criteria of scenario 4?** If YES, check applicable scenarios: ☐**1** ☐**2** ☐**3** ☐**4** **b. Has a site-specific risk assessment for the vapor intrusion pathway been conducted and demonstrates that human health is protected to the satisfaction of the regulatory agency?** **c. As a result of controlling exposure through the use of mitigation measures or through the use of institutional or engineering controls, has the regulatory agency determined that petroleum vapors migrating from soil or groundwater will have no significant risk of adversely affecting human health**?	☒Yes ☐No ☐Yes ☐No ☒NA ☐Yes ☐No ☒NA ☐Yes ☐No ☒NA
3. Direct Contact and Outdoor Air Exposure: The site is considered low-threat for direct contact and outdoor air exposure if site-specific conditions satisfy one of the three classes of sites (a through c). **a. Are maximum concentrations of petroleum constituents in soil less than or equal to those listed in Table 1 for the specified depth below ground surface (bgs)?** **b. Are maximum concentrations of petroleum constituents in soilless than levels that a site specific risk assessment demonstrates will have no significant risk of adversely affecting human health?** **c. As a result of controlling exposure through the use of mitigation measures or through the use of institutional or engineering controls, has the regulatory agency determined that the concentrations of petroleum constituents in soil will have no significant risk of adversely affecting human health?**	☒Yes ☐No ☐NA ☐Yes ☐No ☒NA ☐Yes ☐No ☒NA

COUNTY OF SAN MATEO

Heather Forshey, MS, REHS
Director

Environmental Health Services
San Mateo County Health
2000 Alameda de las Pulgas
Suite 100
San Mateo, CA 94403
smchealth.org

June 4, 2020

SMCo Site #220033 / RO23
APN: 002-201-550

Wade Melton
ARCO/BP Remediation Mgmt. Services Company
Operations Project Manager
4 Centerpointe Drive, Ste. 200, LPR 4-222
La Palma, CA 90623
(via wade.melton@bp.com)

SUBJECT: ARCO STATION #465 AT 151 SOUTHGATE AVENUE, DALY CITY, CALIFORNIA

Dear Mr. Melton:

Antea Group uploaded to the State GeoTracker database (GeoTracker) a remediation status report dated February 12, 2020; a groundwater monitoring report dated April 20, 2020; unsolicited shallow soil assessment report dated April 20, 2020; and an unsolicited case closure request dated April 21, 2020. The following comments are based on San Mateo County Groundwater Protection Program (GPP) staff review of these documents and the project file.

Remediation Status Report

GPP staff concur operation of the soil vapor extraction (SVE) system on the wells screened below the perched groundwater zone system does not currently appear cost-effective. This conclusion is based on the low mass recovery reported and the current limited impact to regional groundwater.

Groundwater Monitoring Report

The report discusses the groundwater monitoring and gauging work performed in November 2019 and January 2020. Page 2 of our June 2019 letter only supported semi-annual gauging and sampling of MW-16D, MW-18D, MW-19D, and V-14 during the first quarter and annual gauging and sampling of most of the other wells during the first quarter. The findings of the November 2019 monitoring event did not change our understanding of site conditions. Therefore, **GPP staff cannot recommend the UST Cleanup Fund reimburse the costs associated with the November 2019 groundwater monitoring event. We also cannot recommend the Cleanup Fund reimburse the costs of the well gauging event planned during the second quarter of 2020 (Section 1.2).** Please reduce the groundwater gauging and sampling frequency of all wells to annual during the first quarter.

The report indicates MW-17 was not sampled because a piece of tubing was stuck in the well. Please note, it is the well owner's responsibility to maintain their monitoring wells for the intended purpose. Please ensure the obstruction is removed prior to the next monitoring event.

Comment 2 below Table B on page 3 of the report implies the purging of groundwater from the blank portions of the well casing prior to sampling could not be addressed during the November 2019 and January 2020 monitoring events because these events occurred before our January 2020 letter was issued. Please note, GPP staff previously requested the registered professional to address the stagnant water issue on page 3 of our June 2019 letter.

Table 3 doesn't indicate the April 2019 groundwater samples collected from MW-16D, MW-18D, and MW-19D were grab samples as required on page 1 of our June 2019 letter. The table also does not indicate the November 2019 and January 2020 groundwater samples from V-14 were grab samples. Please ensure future versions of this table convey this information.

Unsolicited Soil Sampling Report

The report does not contain a figure showing the location of soil samples T-2, T-2A, and D-4 (the soil samples that resulted in the decision to drill Borings HA-4 and HA-5). Please ensure future documents contain sufficient data to evaluate findings and proposed work (e.g. Figure 2 in the reports dated June 25, 1999, and January 12, 2001).

Sections 2.1 and 4.0 of the report state HA-4 and HA-5 were drilled to assess the elevated benzene concentrations in soil samples T-2, T2-A, and D-4. GPP staff do not consider the objective satisfied because it appears the soil samples from these borings were collected from soils used to backfill the 1999 excavations. The gravel logged in HA-4 and HA-5 from grade to approximately 10 feet below grade (fbg) was not logged in any of the 29 monitoring wells installed for the subject site. Moreover, HA-4 and HA-5 were adjacent to the 1999 excavations which were excavated to depths of 10 fbg according to Section 3.3 of the April 2020 case closure request. Field personnel should have moved HA-4 and HA-5 to areas outside the 1999 excavation when logging indicated the borings were likely within the 1999 excavation. In addition, the representativeness of soil samples collected from gravel cuttings in a hand-auger barrel is a concern and no soil samples were collected from native soil at approximately 3 fbg (the depth of greatest petroleum impact identified in shallow soil). Please ensure future versions of Table 3 footnote the soil sampling results from these borings to identify these QA/QC concerns. Table 3 should also footnote that September 2000 soil samples D1B, D1E, D1N, D1S, D1W, D2S, D3S, D2E, D5, D7, D8 to indicate they also appear to have been collected from soil used to backfill the 1999 excavations, and therefore, should not be used to assess the extent of the contamination reported in the 1999 soil samples.

It appears sampling of soil north of D-4 and outside the 1999 excavation is necessary to assess the extent of residual soil contamination ≤10 fbg. This conclusion is based on the following findings: 1) soil impact ≤10 fbg and east of the dispensing facilities was likely removed by the UST excavations; 2) the laboratory results from the analysis of soil samples T-3, D-3, HA-2, MW-13, and MW-14 appear to assess the lateral extent of the elevated benzene concentrations reported at D-4 and T-2 given the reported excavation depth; 3) the laboratory results from the analysis of soil samples T-1, D-1, T-6, T-6A, MW-14, HA-2, SB-29, and V-6 appear to adequately assess the lateral extent of the

elevated benzene concentrations at D-2; and 4) no significant benzene impact was reported in shallow soil near the northernmost dispenser island. Therefore, please upload to GeoTracker the work plan required on page 2 of out January 2020 letter for soil confirmation sampling north of D-4 and the soil confirmation sampling required near D-2, SB-1A, SB-3, south of SB-11, and south of V-13. It only appears necessary to assess unsaturated zone soil above the perched groundwater table. Assessment of soil within and below the perched groundwater zone does not appear necessary based on the laboratory results of groundwater samples collected from the perched water zone and the recency of vertical assessment below the perched groundwater zone. Please ensure the work plan proposes to analyze soil samples collected from depths where significant petroleum impact was previously reported, on the top of lower permeability strata, and where sample screening indicates residual impact may be present. The April 21, 2020, completion deadline remains in-effect because the registered professional did not object to this work plan requirement within 30 days of our January 2020 letter.

Table 2 lists footnotes for groundwater sampling on the groundwater gauging table such as when a grab groundwater sample was collected. Please ensure future versions of this table and Table 3 in future groundwater monitoring reports indicate via footnote that the April 2019 groundwater samples collected from wells MW-16D, MW-18D, and MW-19D were grab samples as required on page 1 of our June 2019 letter. It would also be beneficial if future tables listing soil sampling results identified sample field point names instead of Sample ID so the nomenclature agrees with GeoMap files.

Unsolicited Case Closure Request

GPP staff do not consider it necessary or cost-effective to prepare a comprehensive case closure report when we previously identified only two impediments to case closure: 1) demonstrating MTBE will not impact regional groundwater (page 2 of our June and November 2019 letters) and 2) collecting soil confirmation samples to evaluate the residual concentrations of benzene and MTBE in soil and leaching potential to groundwater (page 2 of our January 2020 letter). **Therefore, the UST Cleanup Fund may not fully reimburse the cost to prepare the entire case closure request**.

The document concludes case closure is appropriate because the April 2020 soil sampling results from HA-4 and HA-5 assessed the lateral extent of petroleum in soil between grade and 10 fbg and because groundwater conditions satisfy Class 5 of the State Low-Threat UST Case Closure Policy (LTCP). GPP staff do not concur with these conclusions for the following reasons:

- As discussed in the previous section of this letter, it appears Borings HA-4 and HA-5 sampled soils used to backfill the 1999 excavations rather than pre-existing soils that were impacted by the petroleum release. Therefore, extent of residual petroleum impact in shallow soil has not been adequately assessed. The previous section of this letter outlined a path forward to resolve this impediment;

- MTBE concentrations exceeding the Regional Water Quality Control Board Environmental Screening Level (ESL) for leaching to groundwater have been reported in soil to the depth of regional groundwater. This ESL was exceeded in 23 boring locations according to Section 6.3 of the closure request between depths of 55 to 135.5 fbg and some of the depths in this range represented the bottom of the boring – a vertically unassessed condition (e.g. V-14);

- The Westlake municipal water supply well (DC-2) is only approximately 500 feet southwest of the site (adjacent DC-1 is a former production well now used as a monitoring well). Moreover, two new SFPUC production wells were recently installed approximately 1,100 to 1,300 feet downgradient of the site (GSR-BFW and GSR-PPW);

- Ten of the 12 soil leaching and groundwater transport simulations for well V-14 and 3 of the 4 simulations for Boring SB-11 predicted detectable concentrations of MTBE will enter the Westlake well - 8 of the 16 simulations predicting exceedance of the MCL. Moreover, 12 of the 16 simulations predicted regional groundwater beneath the site will contain >1,000 ug/l of MTBE, the threshold for Class 2 of the LTCP - the groundwater media-specific class GPP staff would compare the site against if the municipal supply well were not within 1,000 feet of the site;

- The modeling assumptions may not be conservative. For example, the model assumed the MTBE was only present in soil between approximately 87.5 and 90 fbg in V-14 and between 61.5 and 62 fbg in SB-11 and within an area between 100 and 1,600 ft2 (limited areal extent). It did not consider the occurrence of MTBE in soil that are present at other depths below the perched groundwater zone and over a much larger area (e.g. 9.1 mg/kg at 70 fbg and 2.9 mg/kg at 80 fbg in SB-15; 0.19 mg/kg at 85 fbg in MW-5A [bottom of the boring]; 0.45 mg/kg at 86 fbg in SB-30; 13 mg/kg at 80 fbg and 0.33 mg/kg at 90 fbg in MW-15 [bottom of boring], 1.1 mg/kg of MTBE at 80 fbg in V-11; and 0.22 mg/kg at 90 fbg in V-13 [bottom of boring]). The model also did not evaluate the effect of the MTBE concentrations reported in soil samples collected below the assumed and the current depth to regional groundwater (e.g. Borings SB-11, SB-15, SB-17, SB-18, SB-20D, V-11). Furthermore, it did not justify the values of the parameters and assigned a fine-grained sediment layer at 62 fbg in the SB-11 simulation when the boring log describes this depth interval as silty sand (35% silt); and

- MTBE was reported in the groundwater samples from MW-3D in each of the last 2 groundwater monitoring events (no detections had been reported during the previous 7 monitoring events). MW-3D is screened within the primary production aquifer according to Section 1.3 of the April 2020 soil sampling report. Moreover, these detections of MTBE suggest the clay units above the screened interval of MW-3D may not prevent the vertical migration of MTBE into the main production aquifer as implied in Sections 6.5.1, 6.5.3.1, 6.5.3.2, and 9.0 of the closure request.

Therefore, GPP staff do not consider case closure warranted at this time. GPP staff can only support the destruction of the wells installed to monitor and remediate the area within and above the perched groundwater interval and only if the results of the required soil confirmation sampling are favorable. The deeper monitoring and SVE wells must remain and groundwater in the deeper wells must be annually monitored during the first quarter to verify regional groundwater will not be adversely impacted. GPP staff will require additional remedial action if the MTBE concentrations in regional groundwater significantly increase or if MTBE is detected in the municipal well and the MTBE appears to have originated from the subject site.

GPP staff denied GeoMap #3006731152 because Figure 2b does not accurately show and identify the 1999 and 2000 soil samples (refer to Figure 2 in reports dated June 25, 1999, and January 12, 2001). Please upload a correct version of this file to GeoTracker.

Closing Comment

Our decision to deny case closure is subject to appeal to the State Water Resources Control Board (SWRCB), pursuant to Section 25296.40(a)(1) of the Health and Safety Code (Thompson-Richter Underground Storage Tank Reform Act - Senate Bill 562). Please contact the SWRCB Underground Storage Tank Program at (916) 341-5752 for information regarding the appeal process if you desire to appeal our decision.

We appreciate your cooperation. Please contact me at 650-372-6292 (direct), 650-372-6200 (main), or at dmilano@smcgov.org on Monday through Thursday (excluding holidays) if you have any questions.

Sincerely,

Deno G. Milano, PG
Hazardous Materials Specialist
Groundwater Protection Program

Jacob Madden, PG
Program Specialist
Groundwater Protection Program

cc: State GeoTracker database
Tom Piccolotti, City Dept. of Water Resources (via tpiccolotti@dalycity.org)
Christopher Lyles, SFPUC (via clyles@sfwater.org)
Ranfie Ancelovici, KIMCO Realty Corporation, 15 Southgate Av., Suite 201, Daly City, CA 94015
Hannah Mishriki, Antea Group (via hannah.mishriki@anteagroup.us)

Remediation Management Services Company

4 Centerpointe Drive, Suite 200
La Palma, CA 90623
Room LPR 4-222
Office: (360) 594-7978
Mobile: (360) 594-7978
Wade.Melton@bp.com

July 1, 2020

Mr. Deno Milano
San Mateo County Groundwater Protection Program
2000 Alameda de las Pulgas, Suite 100
San Mateo, California 94403

Subject: ARCO Service Station #465 at 151 Southgate Avenue, Daly City, California

Dear Mr. Milano,

BP Products North America, Inc. (BP) and Antea®Group have reviewed the San Mateo County Groundwater Protection Program (GPP) letter dated June 4, 2020, and have the following comments:

GPP Comment: Ten of the 12 soil leaching and groundwater transport simulations for well V-14 and 3 of the 4 simulations for Boring SB-11 predicted detectable concentrations of MTBE will enter the Westlake well - 8 of the 16 simulations predicting exceedance of the MCL. Moreover, 12 of the 16 simulations predicted regional groundwater beneath the site will contain >1,000 ug/l of MTBE, the threshold for Class 2 of the LTCP - the groundwater media-specific class GPP staff would compare the site against if the municipal supply well were not within 1,000 feet of the site.

Response:

- The SEVIEW model runs reported in the Closure Request predicted MTBE could potentially migrate laterally to the location of the Westlake Well in the Shallow Aquifer, not that it would enter the Westlake Well. The shallowest screen interval of the Westlake Well is reported from 340 to 380 feet below ground surface (bgs), which would place the top of the uppermost screen section approximately 150 feet below the top of the clay unit that is located approximately 190 feet bgs, as shown in the well log for MW-3D and the log for the Westlake Well, and approximately 200 feet below the vertical depth MTBE is predicted using the SEVIEW model. [*The Westlake well is screened in the Primary Production Aquifer below the 100-foot clay layer underlying the Shallow Aquifer. The 100-foot clay layer is not part of the CSM used for the model*.] Furthermore, the Westlake Well is not located downgradient of the Site; however, the model assumes the Westlake Well is directly downgradient from the point source of MTBE. This was done to simulate the worst-case-scenario if pumping resumed in the Westlake Well without any other production wells in the area affecting gradient, including the two new SFPUC production wells that were recently installed downgradient of the Site, at a distance greater than 1,000 feet. The Westlake Well is property of The City of Daly City and BP was unable to obtain authorization from The City of Daly City to include the well log with this letter. The log can be made available to the GPP for review by contacting The City of Daly City Department of Water and Wastewater Resources.

- As mentioned in the June 2020 GPP letter, the -100 foot clay unit may not completely prevent the vertical migration of MTBE into the Primary Production Aquifer; however, the clay will significantly impede vertical migration, allowing time for additional natural attenuation and biodegradation of the MTBE.

- The highest MTBE concentrations predicted below the Site are reported for the simulations with the larger source area, no unsaturated zone degradation, and the simulated higher water table. The SEVIEW results that predicted the highest MTBE concentration at the point source simulate an overly conservative situation for the 40' x 40' source area centered at V-14. If these conservative assumptions accurately represented the conditions of the Site, it is likely that MTBE concentrations in excess of 1,000 ug/L would have been observed in the regional groundwater beneath the Site in the 20+ years since the initial spill occurred. The only instance of MTBE in the shallow aquifer in excess of 1,000 ug/L is from the groundwater sample collected from V-14 in February 2018. However, this sample was not representative of aquifer conditions as the sample was collected from stagnent water within the well casing and no purging occurred prior to sampling. During all groundwater monitoring events after February 2018, stagnant groundwater was removed from the V-14 well casing to allow water from the formation to enter the well prior to collecting a sample. All MTBE concentrations from January 2019 through the present remain below 1,000 ug/L.

GPP Comment: The modeling assumptions may not be conservative. For example, the model assumed the MTBE was only present in soil between approximately 87.5 and 90 fbg in V-14 and between 61.5 and 62 fbg in SB-11 and within an area between 100 and 1,600 ft2 (limited areal extent). It did not consider the occurrence of MTBE in soil that are present at other depths below the perched groundwater zone and over a much larger area (e.g. 9.1 mg/kg at 70 fbg and 2.9 mg/kg at 80 fbg in SB-15; 0.19 mg/kg at 85 fbg in MW-5A [bottom of the boring]; 0.45 mg/kg at 86 fbg in SB-30; 13 mg/kg at 80 fbg and 0.33 mg/kg at 90 fbg in MW-15 [bottom of boring], 1.1 mg/kg of MTBE at 80 fbg in V-11; and 0.22 mg/kg at 90 fbg in V-13 [bottom of boring]). The model also did not evaluate the effect of the MTBE concentrations reported in soil samples collected below the assumed and the current depth to regional groundwater (e.g. Borings SB-11, SB-15, SB-17, SB-18, SB-20D, V-11). Furthermore, it did not justify the values of the parameters and assigned a fine-grained sediment layer at 62 fbg in the SB-11 simulation when the boring log describes this depth interval as silty sand (35% silt).

Response:

- Not all occurrences of MTBE in soil were modeled. The concentrations at V-14 and SB-11 were cited as a concern because of the proximity to the perched groundwater table and shallow aquifer, respectively. Therefore, it is the opinion of the registered professional that the SEVIEW simulations for single MTBE occurrences at V-14 and SB-11 adequately evaluate the potential, though unlikely, impact of MTBE in the shallow aquifer above the Westlake Well.

- The precise extent of MTBE at borings V-14 and SB-11, as based on a soil samples collected from each boring, is not known. However, the estimated source area was based on the soil-sampling results from nearby soil borings. Soil samples collected from MW-16D, located in proximity to V-14, show MTBE decreasing and remaining below the ESL at 96 feet bgs. The source areas simulated at V-14 ranged from 100 ft^2 to 1,600 ft^2, which provides a conservative range of source area extents. At SB-11 the availability of nearby soil boring results indicated an area of 400 ft^2 was a reasonable and conservative representation of the source area.

- The parameters assigned to the fine-grained sediment layer at 62 feet bgs include thickness and intrinsic permeability. The thickness was obtained from the soil boring log for SB-11 that reported a silty (fine-grained) sand from 62 to 67.5 feet bgs. The intrinsic permeability ($3.57 * 10^{-10}$ cm^2) is the value for a Silt Loam, as contained in a SEVIEW internal database.

GPP Comment: Sections 2.1 and 4.0 of the report state HA-4 and HA-5 were drilled to assess the elevated benzene concentrations in soil samples T-2, T2-A, and D-4. GPP staff do not consider the objective satisfied because it appears the soil samples from these borings were collected from soils used to backfill the 1999 excavations. The gravel logged in HA-4 and HA-5 from grade to approximately 10 feet below grade (fbg) was not logged in any of the 29 monitoring wells installed for the subject site. Moreover, HA-4 and HA-5 were

adjacent to the 1999 excavations which were excavated to depths of 10 fbg according to Section 3.3 of the April 2020 case closure request. Field personnel should have moved HA-4 and HA-5 to areas outside the 1999 excavation when logging indicated the borings were likely within the 1999 excavation. In addition, the representativeness of soil samples collected from gravel cuttings in a hand-auger barrel is a concern and no soil samples were collected from native soil at approximately 3 fbg (the depth of greatest petroleum impact identified in shallow soil). Please ensure future versions of Table 3 footnote the soil sampling results from these borings to identify these QA/QC concerns. Table 3 should also footnote that September 2000 soil samples D1B, D1E, D1N, D1S, D1W, D2S, D3S, D2E, D5, D7, D8 to indicate they also appear to have been collected from soil used to backfill the 1999 excavations, and therefore, should not be used to assess the extent of the contamination reported in the 1999 soil samples.

Response:

- The location of HA-4 was chosen based on the distance to the dispensers and existing product lines. Advancing an additional shallow soil boring to the south of HA-4 and closer to D-4 is not possible as the product lines are running to the north of D-4 and the product line trench is roughly 5-6 feet in diameter. Relocating HA-4 further to the west places it approximately 8 feet away from both MW-6, advanced in 2001, and MW-13, advanced in 2015. A sample collected from MW-6 at 5.5 feet bgs showed all contaminants of concern (COCs) were below the Low Threat Closure Policy Concentrations of Petroleum Constituents in Soil That Will Have No Significant Risk of Adversely Affecting Human Health. Similarly, a sample collected from MW-13 at 10 feet bgs showed all COCs were below the laboratory detection limits.

- As noted by the GPP, no soil sample was collected from HA-4, MW-6, or MW-13 at a depth of 3 feet bgs. However, soil samples collected from approximately 5 feet bgs in both HA-4 and MW-6 did not contain concentrations in excess of the Low Threat Closure Policy Low Threat Closure Policy Concentrations of Petroleum Constituents in Soil That Will Have No Significant Risk of Adversely Affecting Human Health. If impacts remained in the vicinity of T-2/T-2A, it is likely concentrations would have been detected in samples collected at the 5-foot interval, accounting for vertical migration over the 20 years since the initial sampling was performed.

- The concentrations of all COCs analyzed were higher at a depth of 10 feet bgs in T-2A than they were in the sample collected from T-2 at 3 feet bgs. Samples collected from HA-4, MW-6, and MW-13 at approximately 10 feet bgs confirm the concentrations previously identified in the T-2A sample are not present to the west of T-2/T-2A and the north of D-4.

GPP Comment: Therefore, please upload to GeoTracker the work plan required on page 2 of out January 2020 letter for soil confirmation sampling north of D-4 and the soil confirmation sampling required near D-2, SB-1A, SB-3, south of SB-11, and south of V-13. It only appears necessary to assess unsaturated zone soil above the perched groundwater table. Assessment of soil within and below the perched groundwater zone does not appear necessary based on the laboratory results of groundwater samples collected from the perched water zone and the recency of vertical assessment below the perched groundwater zone.

Response:

As per conversations with the GPP, it is our intention to wait until the Closure Request has been reviewed by California Regional Water Quality Control Board before proposing any additional actions at the site. In the meantime, we will maintain the annual sampling schedule required by GPP in the letter dated June 4, 2020.

If you have any questions regarding this report or need any additional information about this Site, please contact Mr. Wade Melton at (360) 594-7978.

Sincerely yours,



Wade Melton
Operations Project Manager
Remediation Management Services Company
An affiliate of Atlantic Richfield Company

COUNTY OF SAN MATEO

Heather Forshey, MS, REHS
Director

Environmental Health Services
San Mateo County Health
2000 Alameda de las Pulgas
Suite 100
San Mateo, CA 94403
smchealth.org

August 19, 2020

SMCo Site #220033 / RO23
APN: 002-201-550

Wade Melton
ARCO/BP Remediation Mgmt. Services Company
Operations Project Manager
4 Centerpointe Drive, Ste. 200, LPR 4-222
La Palma, CA 90623
(via wade.melton@bp.com)

SUBJECT: ARCO STATION #465 AT 151 SOUTHGATE AVENUE, DALY CITY, CALIFORNIA

Dear Mr. Melton:

Thank you for your letter dated July 1, 2020, responding to the San Mateo County Groundwater Protection Program (GPP) staff letter dated June 4, 2020. The following comments are based on our review of your letter and the project file.

Responses Concerning the Groundwater Modeling Portion of the April 2020 Closure Request

Sections 6.5.3.1 and 6.5.3.2 of the April 2020 closure request concluded the groundwater modeling predicted regional groundwater could be impacted with MTBE concentrations as great as 39,800 ug/l and MTBE-impacted groundwater could migrate to the Westlake municipal well if this well was downgradient of the site. The response speculates MTBE impact to the Westlake well is unlikely. However, some of the data cited for this inference is not firmly supported by the soil and groundwater sampling data. For example, borehole logging for well MW-3D suggests the 100-foot-thick clay layer cited in the response may only be 10-feet thick. This clay layer may not be an effective barrier to the vertical migration of MTBE to the screened interval of the Westlake well because MW-3D is screened below this clay layer and MTBE has been reported in groundwater samples collected from MW-3D. Only sand was logged below this clay (200 fbg to a total depth of 220 fbg) which is only 120 feet above the top of the screened interval of the Westlake well. Moreover, no data was provided to demonstrate pumping of the Westlake well would not draw the MTBE-affected groundwater at this depth to the screened interval of the Westlake well. In addition, no information was provided that the MTBE reported in soil below the perched groundwater zone is stable (refer to page 2 in our letter dated June 5, 2019 letter) or that our concerns in our June 2020 letter regarding the distribution of MTBE in soil have no merit (refer to Bullet #4 on page 4 of our June 2020 letter). Therefore, given the Westlake municipal well is only approximately 500 feet from the subject site, GPP staff still consider it reasonable to require ongoing annual monitoring of the deep monitoring wells to verify the worse-case MTBE impacts predicted by the groundwater modeling do not materialize and the

MTBE concentrations in regional groundwater will not significantly exceed the 1,000 groundwater media-specific criterion in the State Low-Threat UST Case Closure Policy (page 5 of our June 2020 letter). The bottom of page 3 of the response suggests ARCO concurs with this annual monitoring.

Response Concerning Soil Samples HA-4 and HA-5

While the soil sampling results from MW-6 are useful to assess the lateral extent of impact reported at 10 fbg in T-2A, no samples were collected from this well to assess the significant impact reported at 3 fbg in D-2 and T-2 and no data was submitted to demonstrate the soils at 3 fbg would not favor lateral migration of contaminants. Therefore, GPP staff still consider it necessary to sample native soil at 3 fbg immediately west of HA-4. Please note, we do not consider it appropriate to use the soil sampling results from HA-4 for decision making (paragraph 3 on page 3 of the response) because no information was provided to demonstrate the soil samples from this boring were not collected from the fill soils used to backfill the 1999 soil excavation.

Work Plan Required for Soil Confirmation Sampling

The response states it is ARCO's intention to wait until State Water Resources Control Board staff review the GPP staff closure denial per ARCO's conversations with GPP staff. GPP staff concur providing this review occurs during 2020 because the objective of the work is to confirm previous soil vapor extraction significantly reduced the residual petroleum concentrations previously reported in the vadose zone.

Please contact me at 650-372-6292 (direct), 650-372-6200 (main), or at dmilano@smcgov.org on Monday through Thursday (excluding holidays) if you have any questions.

Sincerely,



Deno G. Milano, PG
Hazardous Materials Specialist
Groundwater Protection Program

cc: State GeoTracker database
Tom Piccolotti, City Dept. of Water Resources (via tpiccolotti@dalycity.org)
Christopher Lyles, SFPUC (via clyles@sfwater.org)
Ranfie Ancelovici, KIMCO Realty Corporation, 15 Southgate Av., Suite 201, Daly City, CA 94015
Hannah Mishriki, Antea Group (via hannah.mishriki@anteagroup.us)

October 12, 2018

Ms. Anne Jurek
Hazardous Materials Specialist
Groundwater Protection Program
County of San Mateo Health Department
2000 Alameda de las Pulgas, Suite 100
San Mateo, California 94403

RE: Source Area Characterization Work Plan
Former Westlake French Dry Cleaners Site, 247 Westlake Center
Daly City, California 94015
Project# 1241.03
SMCo Case# 229066

Dear Ms. Jurek:

Northgate Environmental Management, Inc. (Northgate) is submitting this Source Area Characterization Work Plan (the Work Plan), on behalf of Kimco Westlake, L.P. (Kimco), for your review and approval. The Work Plan describes planned soil vapor sampling activities to be conducted at the Former Westlake French Dry Cleaners Site, located at 247 Westlake Center, Daly City, California (the Site; Figures 1, 2 and 3), and adjacent commercial tenant spaces located in Daly City, California.

BACKGROUND

Soil gas investigations conducted at the Site from 2002 to 2011 indicated the presence of the dry cleaning solvent tetrachloroethene (PCE) in soil vapor at concentrations that exceeded Environmental Screening Levels (ESLs) established by the San Francisco Bay Regional Water Quality Control Board (RWQCB)[1] (Figures 4a and 4b). In accordance with Northgate's Soil Vapor Extraction (SVE) Work Plan (Northgate Environmental Management, Inc. [Northgate], 2012a)[2] and SVE Work Plan Addendum (Northgate, 2012b)[3], a SVE system including three

[1] Regional Water Quality Control Board, San Francisco Bay Region, (RWQCB), 2007. *Screening for Environmental Concerns at Sites with Contaminated Soil and Groundwater*, November. Revised February 2016.

[2] Northgate Environmental Management, Inc. (Northgate), 2012a. *Soil Vapor Extraction Work Plan*, Former Westlake French Dry Cleaners Site, 247 Westlake Center, Daly City, California. June 28.

nested vapor extraction well pairs (VEWs) and four monitoring probes (VMPs) was installed in 2014. One previously installed sub-slab probe (TR-7) is located below the concrete floor of the former dry cleaning tenant space currently occupied by a T-Mobile retail store. A Site Plan showing the locations of the extraction wells, the monitoring probes, and the sub-slab probe is included on Figure 3. The SVE system was operated until July 14, 2016, when the system was shut down for rebound testing in accordance with the Northgate's Performance Report (Northgate, 2016)[4] recommendations.

Between July 7, 2016, and May 15, 2017, Northgate performed a rebound test at the Site by discontinuing SVE system operations for a an approximately 10-month period and monitoring the PCE concentrations in soil vapor in the extraction wells and monitoring probes during that time in accordance with regulatory guidance. Northgate evaluated the rebound test results by comparing PCE concentration in samples collected during rebound testing to current RWQCB *Vapor ESLs for Subslab and Soil Gas (Table SG-1)* (RWQCB, 2016a)[5]. On August 30, 2017, Northgate submitted a Rebound Test Report (Northgate, 2017)[6] summarizing the results of rebound testing performed during the 10-month shutdown and recommended SVE be discontinued and the SVE system be decommissioned.

In its September 29, 2017 letter[7] response to the Rebound Test Report, the San Mateo County Groundwater Protection Program [GPP]) requested continued rebound test sampling of the sub-slab soil vapor probe TR-7 inside the T-Mobile tenant space on a semi-annual basis until PCE concentrations reach stable equilibrium. In addition to continued rebound testing, the GPP requested submittal of a work plan to collect indoor air samples and to evaluate soil vapor intrusion (VI) at the Site over time. Northgate prepared an Indoor Air Sampling Work Plan[8] outlining an indoor air (IA) sampling program in accordance with the GPP letter request, the California Department of Toxic Substances Control (or DTSC) *Vapor Intrusion Guidance* (Vapor Intrusion Guidance) (DTSC, 2011)[9] and the RWQCB *Draft Interim Framework for Assessment of Vapor Intrusion at TCE-Contaminated Sites in the San Francisco Bay Region*

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[3] Northgate, 2012b. *SVE Work Plan Addendum*, Former Westlake French Dry Cleaners Site, 247 Westlake Center, Daly City, California. August 30.

[4] Northgate, 2016, *Soil Vapor Extraction Performance Report*, Former Westlake French Dry Cleaners Site, 247 Westlake Center, Daly City, California , March 15.

[5] RWQCB, 2016a. *Vapor Environmental Screening Levels (ESLs) for Subslab and Soil Gas.* February.

[6] Northgate, 2017. *Rebound Test Report*, Former Westlake French Dry Cleaners Site, 247 Westlake Center Daly City, California. August 30.

[7] San Mateo County Groundwater Protection Program (GPP), 2017. Letter. September 29.

[8] Northgate, 2018. *Indoor Air Sampling Work Plan*, Former Westlake French Dry Cleaners Site, 247 Westlake Center Daly City, California. January 17.

[9] California Department of Toxic Substances Control (DTSC), 2011. *Final Guidance for the Evaluation and Mitigation of Subsurface Vapor Intrusion to Indoor Air* (Vapor Intrusion Guidance). October.

(FAVI) (RWQCB, 2014)[10]. In its February 28, 2018 letter the GPP provided comments on the IA Sampling Work Plan requesting 1) seasonal evaluation IA as well as Heating Ventilation, and Air Conditions (HVAC) system on/off conditions; 2) IA concurrent sub-slab vapor sampling to establish building-specific attenuation; and 3) evaluation of cross slab pressure differentials indicating building dynamics potentially influencing VI.[11]

On July 13, 2018, Northgate submitted an email update for the first half of 2018 rebound testing and recommended restarting the SVE System for a short operation or "pulse" followed by rebound testing and IA work plan implementation. In its July 18, 2017[12] email comments on the rebound test update, the GPP requested a work plan for a source area characterization to optimize the SVE program. The GPP noted that some rebound test results exceeding pre and post-SVE concentrations potentially suggesting the need to expand or modify the existing system to target specific impacted source areas or depth intervals. The new source area characterization results will provide the basis for potential SVE program modifications or path to completion recommendations.

The following Work Plan describing collection of additional soil vapor and sub-slab soil vapor samples was prepared as requested by the GPP to further characterize the current nature and extent of the potential PCE source area in the subsurface at the Site.

PURPOSE

The purpose of the source area characterization program, requested by the GPP, is to provide data regarding current concentrations of PCE in soil vapor at the Site. These results will primarily be used to 1) evaluate the current nature and extent of PCE impacts in the subsurface, 2) evaluate the potential need to further optimize remediation activities at the Site by modifying operation of the SVE system, and 3) provide data to establish a building-specific attenuation factor (AF) in conjunction with implementation of a revised IA Sampling Work Plan. A building-specific AF will be used to develop Site-specific sub-slab and soil gas screening levels (Vapor SL) for PCE and evaluate VI at the Site. Sampling results will be compared to the above Site-specific Vapor SL to evaluate the potential for VI at the Site and if PCE in soil vapor presents a significant potential risk to human health. Favorable findings of the program will be used in re-evaluating the rebound testing program potentially justifying a closure path for the remediation recently completed at the Site. Less favorable findings may be used to modify

[10] RWQCB, 2014. D*raft Interim Framework for Assessment of Vapor Intrusion at TCE-Contaminated Sites in the San Francisco Bay Region*. October.
[11] Northgate plans to revise the IA Sampling Work Plan per the GPP comments and the recommendation included in this work plan.
[12] GPP, 2018. Email. July 18.

operation of the SVE system to target specific impacted intervals in order to optimize effectiveness of the SVE system.

SOURCE AREA CHARACTERIZATION PLAN

The source area characterization sampling will be performed in general accordance with the DTSC Advisory Active Soil Gas Investigations (DTSC, 2012)[13]. As shown on Figure 6, Northgate proposes collecting 16 primary soil vapor (SV) samples: 12 SV samples from four new locations (VMP-2 thru VMP-5) and four SV samples from one existing multi-depth probe (VMP-1). Additionally, six primary sub-slab vapor (SSV) samples will be collected: one sample from one existing probe (TR-7) and five samples from five new locations (SSV-1 thru SSV-5) that are generally consistent with locations of SSV sampling performed by Treadwell and Rollo in 2011[14]. As described further below, results will be compared to Site-specific commercial vapor SLs for PCE in SV and SSV calculated by dividing the current RWQCB *Vapor ESL for Indoor Air, Direct Exposure Human Health Risk Levels for Commercial/Industrial Exposure (Table IA-1)* (RWQCB, 2016b)[15] by a building-specific AF.

Building Survey and Inventory

In preparation for collecting samples and as part of the previously proposed IA evaluation, Northgate will tour the building and grounds to observe building construction and confirm that the sample locations presented on Figure 6 are accessible and appropriate places to collect samples. A floor diagram will be generated to illustrate floor layout and include chemical storage and use areas, doorways, stairways, hoods, sinks, sumps, electrical rooms, restrooms, fire risers, HVAC systems inlets and outlets, etc. The general construction of the building will be observed and locations where foundation–wall joints, foundation cracks, concrete control joints, plumbing and electrical conduits, other equipment penetrations to the slab exist will be noted.

A hand-held organic vapor analyzer equipped with a photoionization detector (PID) capable of sub parts-per-million readings will be used to identify cracks, joints and other penetrations where PCE may enter the buildings. The PID will also be used to identify VOC products that may be in the investigation area that may impact the investigation. PID readings will be recorded on the floor diagram and on a separate form.

During the building survey, the SSV sample locations presented on Figure 6 will be confirmed or adjusted according to observations of subsurface penetrations in the floor slab penetrations (e.g.

[13] DTSC, 2012. *Advisory – Active Soil Gas Investigations.* April.
[14] Treadwell and Rollo, 2011. *Sub-slab and Groundwater Sampling Results*, Former Westlake French Dry Cleaners, 247 Westlake Center, Daly City, California. August 8.
[15] RWQCB, 2016b. Vapor ESLs for Indoor Air. February.

restrooms, electrical rooms, lunch rooms, fire risers, etc.), as well as office areas, and common areas. The locations of doors, windows, and ventilation systems will be considered in sample location confirmation, and SSV locations will be co-located with sample locations for IA.

New Sub-Slab Vapor Probes Installation

Pending GPP approval, we plan on installing VaporPin™ reusable sub-slab vapor sampling probes at five locations (SSV-1 thru SSV-5) shown on Figure 6. To install the probes, a 5/8-inch diameter hole will be drilled through the slab using a hammer drill. The anticipated slab thickness is approximately five inches. A stainless steel Vapor Pin™ will be inserted in the drilled hole with the bottom of the probe even with the bottom of the slab. VaporPin™ installation and extraction standard operating procedures are described in the manufacturer manual enclosed in this work plan.

New Vapor Monitoring Probes Installation

We propose to install multi-depth vapor monitoring probes at four locations (VMP-2 thru VMP-5) to collect samples from three specific depth intervals at 10, 20, and 30 feet below ground surface (bgs). Northgate will conduct a Site visit to mark the drilling locations on the ground at the Site and conduct underground utility clearances by notifying Underground Services Alert at least 48 hours prior to drilling and employing the services of a private, subcontracted utility locator. The Site visit will also be used to identify any conditions that might limit access to drilling locations with drilling equipment. The soil vapor probes will be installed in soil borings advanced using a direct-push drill rig. Continuous soil cores will be retrieved and screened every 2 to 2.5 feet for VOCs using a photoionization detector (PID). Borings will be advanced to a depth of approximately 30.5 feet bgs and the co-located vapor probes will be installed at depths of 10, 20, and 30 feet bgs.

The vapor probes will be installed and constructed in accordance with DTSC guidance. The probe will consist of a 6-inch long stainless steel implant (screen) installed at the desired probe depth. Teflon tubing (¼ inch diameter) will be connected from the implant to the ground surface, and terminated above the existing ground surface. The borehole annulus around each implant and tubing will be filled through the drill rods with: (a) sand of depth 1.5 feet in the borehole around each implant, (b) 1 foot of dry bentonite above the sand, and (c) hydrated bentonite above the dry bentonite to the depth of sand pack for the next probe or near ground surface. A gas-tight protective cap will be placed on the surface ends of the Teflon tubing.

All reusable drilling equipment will be steam-cleaned or washed and rinsed prior to use at each boring location, and probe construction details will be recorded in field notes.

Data Quality Objectives

The Data Quality Objectives (DQOs) are the qualitative statements developed to specify the quality and quantity of data necessary to support decisions regarding conditions at the Site. The U.S. EPA seven-step process was used to develop the sampling design and data quality objectives for this investigation (U.S. EPA, 2006). Table 1 depicts the DQOs for the Site.

Number and Type of SV Samples

A total of 17 SV samples (including one duplicate samples) will be collected in accordance with the DTSC Advisory Active Soil Gas Investigations [DTSC, 2012][16] procedures) from four new probes VMP-2 thru VMP-5 and the existing probe VMP-1 shown on Figure 6. In accordance with the Vapor Intrusion Guidance, soil vapor samples will be collected at least two hours after the new probe installation is completed. A purge volume test will be conducted at the first sampling location using Tedlar bags and a PID. Soil vapor samples will be collected at each location using ¼-inch Teflon tubing and laboratory batch certified 1-liter summa canisters for VOC analysis using EPA Method TO-15. A leak test will completed during collection of each soil vapor sample using a shroud and isopropanol alcohol as the leak detection compound.

Number and Type of SSV Samples

A total of seven SSV samples (including one duplicate sample) will be collected in accordance with the DTSC Advisory Active Soil Gas Investigations [DTSC, 2012][17] procedures) from the new probes SSV-1 thru SSV-5 and the existing probe TR-7 shown on Figure 6. In accordance with the Vapor Intrusion Guidance, soil vapor samples will be collected at least two hours after the new probe installation is completed. A purge volume test will be conducted at the first sampling location using Tedlar bags and a PID. SSV samples will be collected at each location using ¼-inch Teflon tubing and laboratory batch certified 1-liter summa canisters for VOC analysis using EPA Method TO-15. A leak test will completed during collection of each SSV sample using a shroud and isopropanol alcohol as the leak detection compound.

Rationale for Sampling Locations

The SV and SSV samples will be collected from the Former Westlake French Dry Cleaners tenant space, adjacent tenant spaces, and adjacent hallways as shown on Figure 6. Pre-SVE PCE sub-slab and soil gas iso-concentration plots for the Site vicinity are shown on Figure 4a and 4b, respectively. Post-SVE PCE sub-slab and soil vapor concentrations for the Site vicinity are

[16] DTSC 2012. *Advisory Active Soil Gas Investigations*, April.

[17] DTSC 2012. *Advisory Active Soil Gas Investigations*, April.

shown on Figure 5. The pre-SVE data, as shown on Figure 4a was used to support selection of sampling locations within the adjacent tenant spaces for SSV sampling for potential VI assessment. SSV samples proposed in this Work Plan will be approximately co-located with corresponding IA samples documented in the IA Sampling Work Plan (Northgate 2018) in order to allow for determination of a building-specific AF. Given the small tenant spaces, and the existence of a continuous slab in the building, it is proposed that only the indoor air samples co-located with the sub-slab samples described above be sampled coincident with this workplan implementation. Additionally, SV and SSV sampling locations were determined to support further evaluation of the current nature and extent of PCE impacts in the subsurface. In particular, SV samples will be collected from specific depth intervals in order to evaluate the current vertical extent of PCE impacts across the Site. SSV sampling locations were also selected to be generally consistent with the locations of sub-slab samples collected prior to SVE operation in 2011 to evaluate changes in subsurface conditions.

Laboratory Analytical Methods and Detection Limits

The Summa canisters will be labeled and transported to a certified laboratory following chain-of-custody procedures. Based upon historical soil vapor data only PCE will be considered as a chemical of potential concern for chemical analysis. The SV and SSV samples will be analyzed for PCE using EPA Method TO-15. The laboratory reporting limit for PCE using TO-15 is typically 3.4 micrograms per cubic meter ($\mu g/m^3$), which is well below the current soil gas Vapor ESL for a commercial exposure of 2,100 $\mu g/m^3$ for PCE and below the proposed commercial ESL of 70 $\mu g/m^3$ expected to be published in late 2018.

Procedures for Evaluation of Analytical Results

The SV and SSV sampling results will be used to evaluate the current nature and extent of PCE in the subsurface and to calculate a building-specific sub-slab to indoor air AF (AF_{SSV}) and soil vapor to indoor air AF (AF_{SV}) by dividing the sample average concentration for SSV or SV collected from 10 feet bgs, respectively, by the IA sample average PCE concentration (DTSC 2011)[18]. Site-specific commercial Vapor SLs for PCE in SV and in SSV will be developed by dividing the commercial indoor air ESL for PCE (2.1 $\mu g/m^3$) by the building-specific AF_{SV} and AF_{SSV}, respectively. The SV and SSV sampling results will be compared to the Site-specific Vapor SLs to determine if PCE in the subsurface indicates the need for further evaluation or remediation, or if operation of the SVE system is no longer necessary and rebound testing can be completed. If warranted based on the results, operation of the SVE system may be modified to target specific impacted intervals where significant PCE impacts were observed in soil vapor.

[18] DTSC 2011. Vapor Intrusion Guidance. October.

Public Outreach Activities

Pursuant to the DTSC *Vapor Intrusion Public Participation Advisory* (DTSC, 2012)[19], Northgate will conduct public outreach activities prior to SSV sampling and following analysis.

Prior to collecting SSV samples, a Northgate scientist will meet with the occupants of the above tenant spaces to inform them of the upcoming sampling event and discuss access to the target sampling locations. The IA Sampling Plan including a contingency plan and the anticipated method and timing for the communication of sampling results will be discussed with the occupants. The contingency plan will be discussed with the occupants so that they understand actions to be taken based upon the pre-established responses to ESL exceedances.

Report of Findings

The source area characterization report will summarize the sampling event including SV and SSV sample collection procedures, a tabular summary of the analytical data and present appropriate conclusions and recommendations for closure or further remediation as warranted.

[19] DTSC 2012. *Vapor Intrusion Public Participation Adv*isory – *Final*, March.

Schedule

The revision of the IA Work Plan and installation of the SSVs and VMPs is planned for the fourth quarter of 2018. Following installation, the SSVs and VMPs will used to collect SV samples in the first quarter of 2019. The source area characterization report will be submitted to the GPP in the second quarter of 2019.

Should you have any questions or require additional information, please do not hesitate to call us.

Sincerely,

Northgate Environmental Management, Inc.



Axel Rieke, P.E.

Derrick Willis

Enclosures: Table 1 Generation of Data Quality Objectives using the EPA Seven-Step Process
Figure 1 Site Location Map
Figure 2 Site Vicinity Map
Figure 3 Site Plan
Figure 4a Pre-SVE PCE Sub-Slab Vapor Concentration Contours
Figure 4b Pre-SVE PCE Soil Vapor Concentration Contours
Figure 5 Post-SVE PCE Soil Vapor Concentrations
Figure 6 Proposed Source Area Characterization Sampling Locations
Standard Operating Procedure Installation and Extraction of the Vapor Pin™

cc: Jason Lee, Kimco Realty Company

TABLES

TABLE 1
Generation of Data Quality Objectives using the EPA Seven-Step Process

Step 1	Step 2	Step 3	Step 4	Step 5	Step 6	Step 7
State the Problem	**Identify the Goals of the Study**	**Identify Information Inputs**	**Define the Boundaries of the Study**	**Develop the Analytic Approach**	**Specify Performance or Acceptance Criteria**	**Develop the Plan for Obtaining Data**
PCE has been detected in soil vapor at the Site. A SVE system has been operated at the Site to mitigate intrusion of PCE in soil vapor to indoor air (IA). SVE system operations at the Site have reduced PCE concentrations in soil vapor to levels below Environmental Screening Levels (ESLs) established for a commercial exposure scenario by the San Francisco Bay Regional Water Quality Control Board (RWQCB). Data will be collected to 1) evaluate the current nature and extent of PCE impacts in the subsurface, 2) evaluate the potential need to further optimize remediation activites at the Site by modifying operation of the SVE system, and 3) in conjunction with the previously proposed indoor air sampling, provide data to establish a building-specific attenuation factor (AF).	Determine if PCE concentrations in SSV and SV are at acceptable levels such that operation of the SVE system is no longer necessary and rebound testing can be completed, or alternatively if it may be necessary to further optimize operation of the SVE system.	Sampling to determine concentrations of PCE in SSV and SV is required. One round of concurrent SSV and IA sampling with conservative HVAC setting will be conducted at the site and adjacent in tenant spaces. Conservative HVAC settings (off/on) will be determined by a building dynamics evaluation through measuring cross-slab pressure and indoor/outdoor pressure differentials in each tenant space. Depth specific SV samples will be collected to further evaluate the current nature and extent of PCE impacts at the Site.	The spatial boundary of the investigation will include tenant space at 12 to 40 Park Plaza Drive, and at 235 and 239 Westlake Center Drive within the Westlake Shopping Center. The temporal boundaries of the study will be a normal 8-hour day during commercial operations. The SSV/IA sampling event will be conducted in the Fall of 2018 or Winter of 2019. SSV samples will be collected concurrently with the HVAC off IA sampling. The action level will be the site-specific subslab/soil vapor screening level for PCE.	Compare SSV and SV results against the IA sampling results and calculate a building specific factor for SSV to IA attenuation and for SV to IA attenuation. Compare cross-slab and indoor/outdoor pressure differentials to qualitatively assess vapor and air flow. Compare SSV and SV sampling results against the site-specific subslab/soil gas vapor screening level. EPA Compendium Method TO-15 and TO-15 SIM have detection limits below the applicable ESLs.	Appropriate QA/QC procedures will be implemented during sample collection and analysis to obtain data of known and acceptable quality.	Up to 7 sub-slab samples and up to 17 soil vapor samples will be collected from the Site and adjacent tenant spaces. The SV and SSV samples will be analyzed for PCE using standard TO-15, respectively.

Acronyms:

EPA: US Environmental Protection Agency

IA: Indoor Air

PCE: Tetrachloroethylene

QA/QC: Quality Assurance/Quality Control

SIM: Selected Ion Mode

SV: Soil Vapor

SSV: Sub-Slab Vapor

SVE: Soil Vapor Extraction

VI: Vapor Intrusion

FIGURES

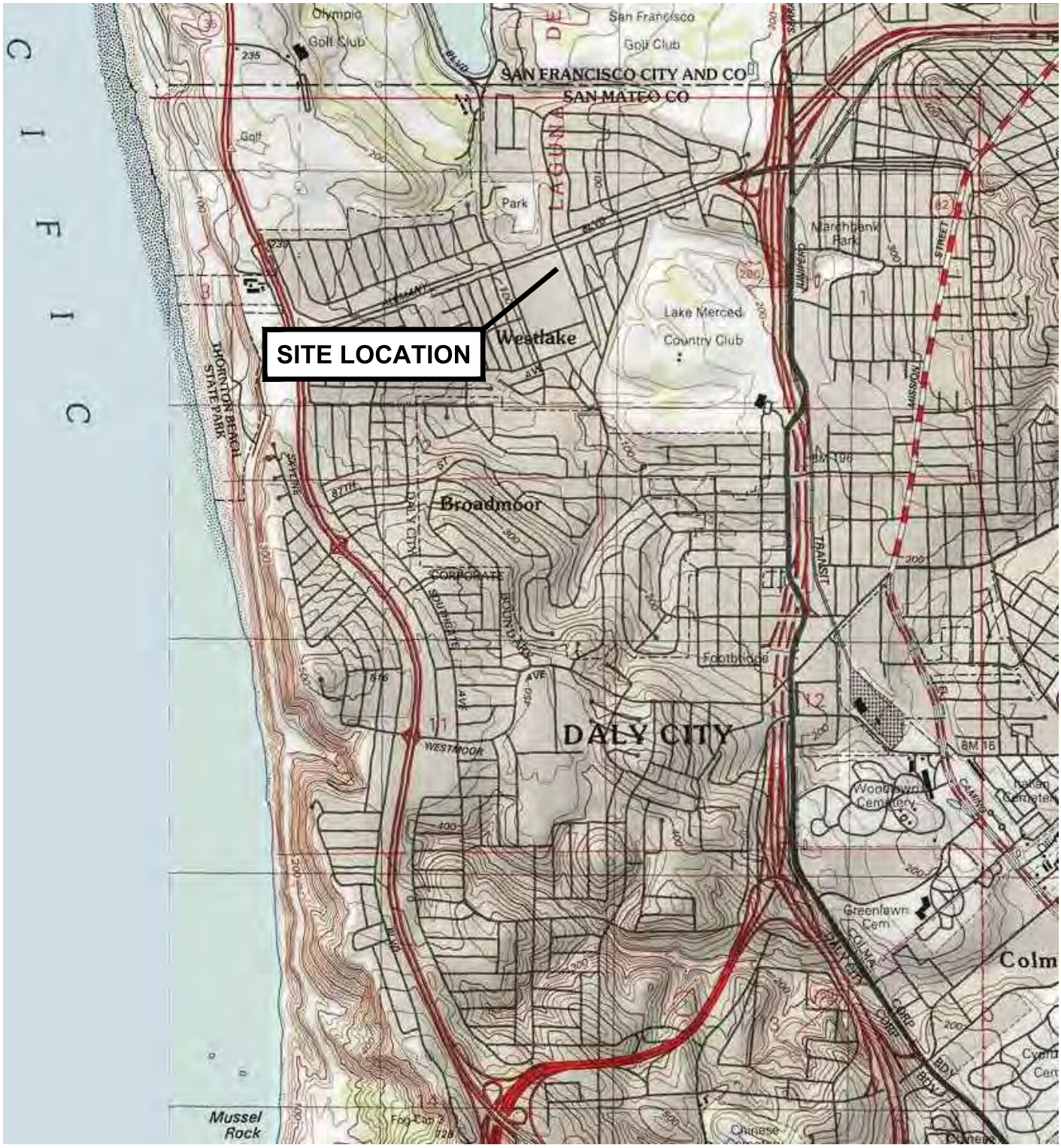


FIGURE 1
Site Location Map

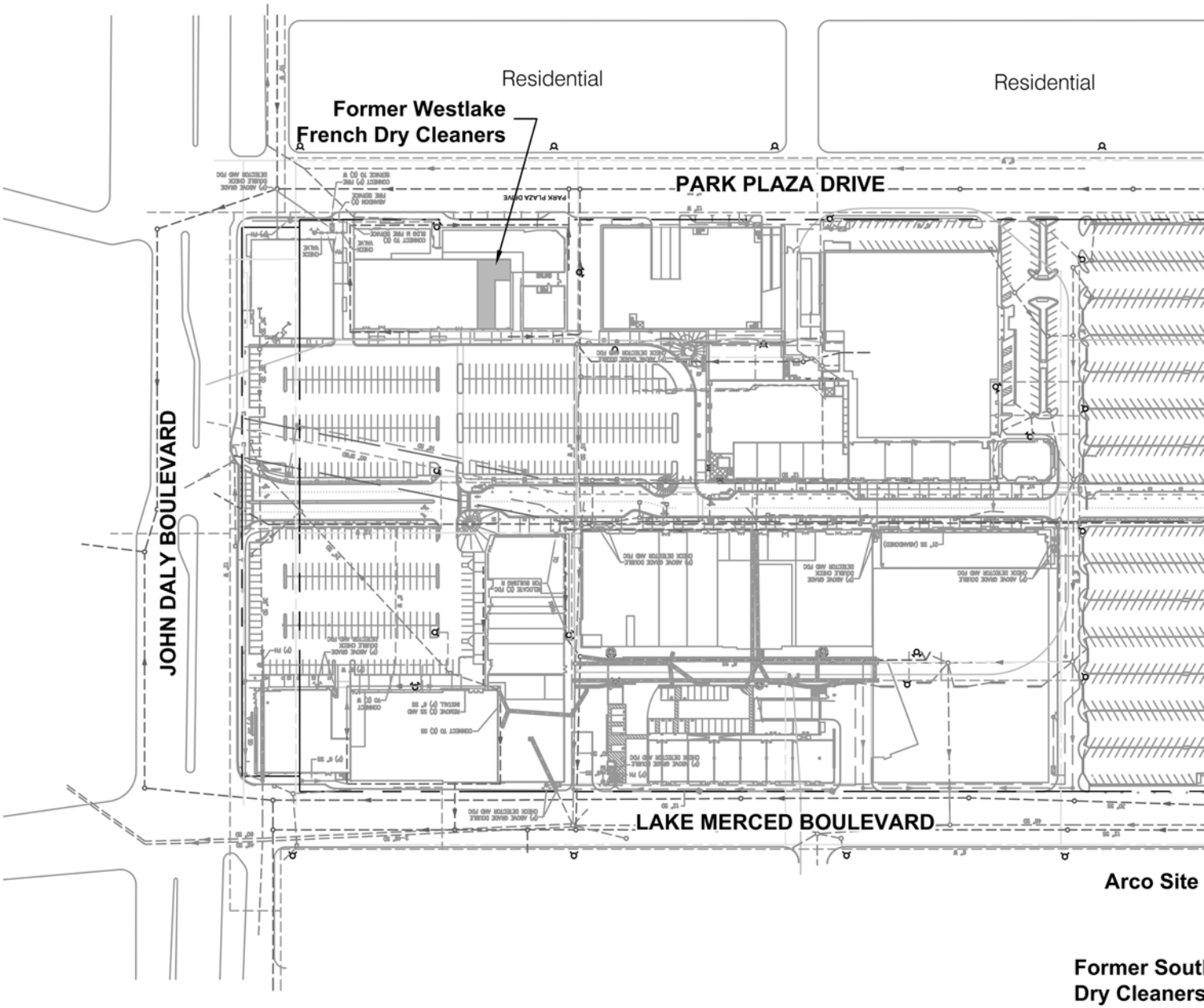
Source Area Characterization Work Plan
Former Westlake French Dry Cleaners
Daly City, California

Source: National Geographic USGS TOPO! 2000

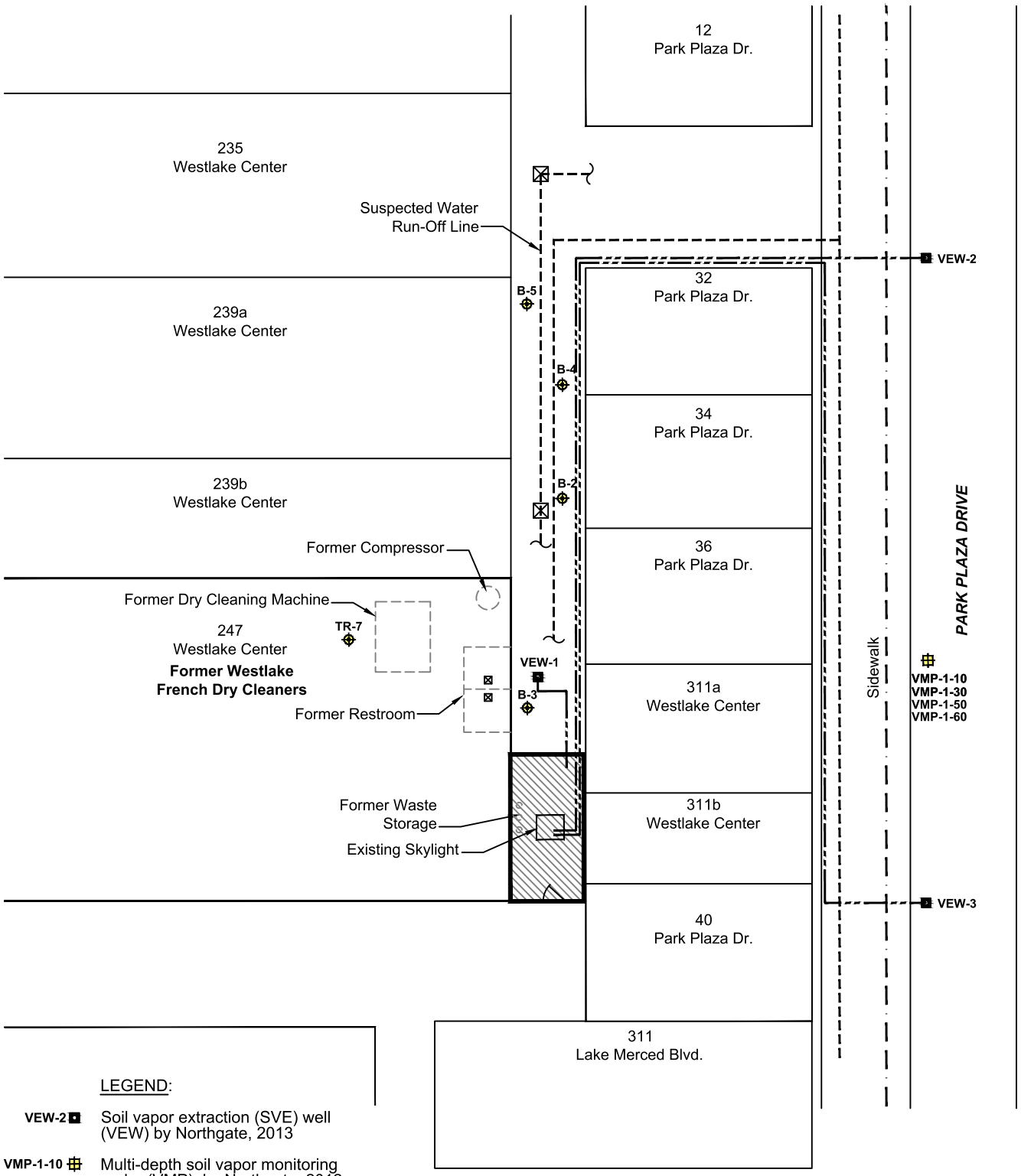
northgate environmental management, inc.

Project No. 1241.03

G:\Projects\Temp\1241 Kimco Realty\1241.03 Former Westlake French Dry Cleaners Site\4030 Work Plans\Indoor Air Sampling WP\Figures\Figure 1 - Site Location.dwg Layout: 8.5x11-P User: andrew.middleton Oct 03, 2018 - 9:23am



French Dry Cleaners Site\4030 Work Plans\Indoor Air Sampling WP\Figures\Figure 2 - Site Vicinity.dwg Layout: Layout1 User: andrew.middleton Oct 03, 2018 - 9:25am



LEGEND:

- VEW-2 — Soil vapor extraction (SVE) well (VEW) by Northgate, 2013
- VMP-1-10 — Multi-depth soil vapor monitoring probe (VMP), by Northgate, 2012
- TR-7 — Previously installed sub-slab soil gas sampling port
- B-9 — Approximate location of boring by ADR Environmental, 2002
- B-3 — Approximate location of boring by Kleinfelder, 2002
- SVE treatment system area
- Existing property line
- Existing sanitary sewer
- Aboveground SVE piping
- Drain

N

0 10 20

Scale (Feet)

NOTE: Tenant spaces build-out details are not shown.

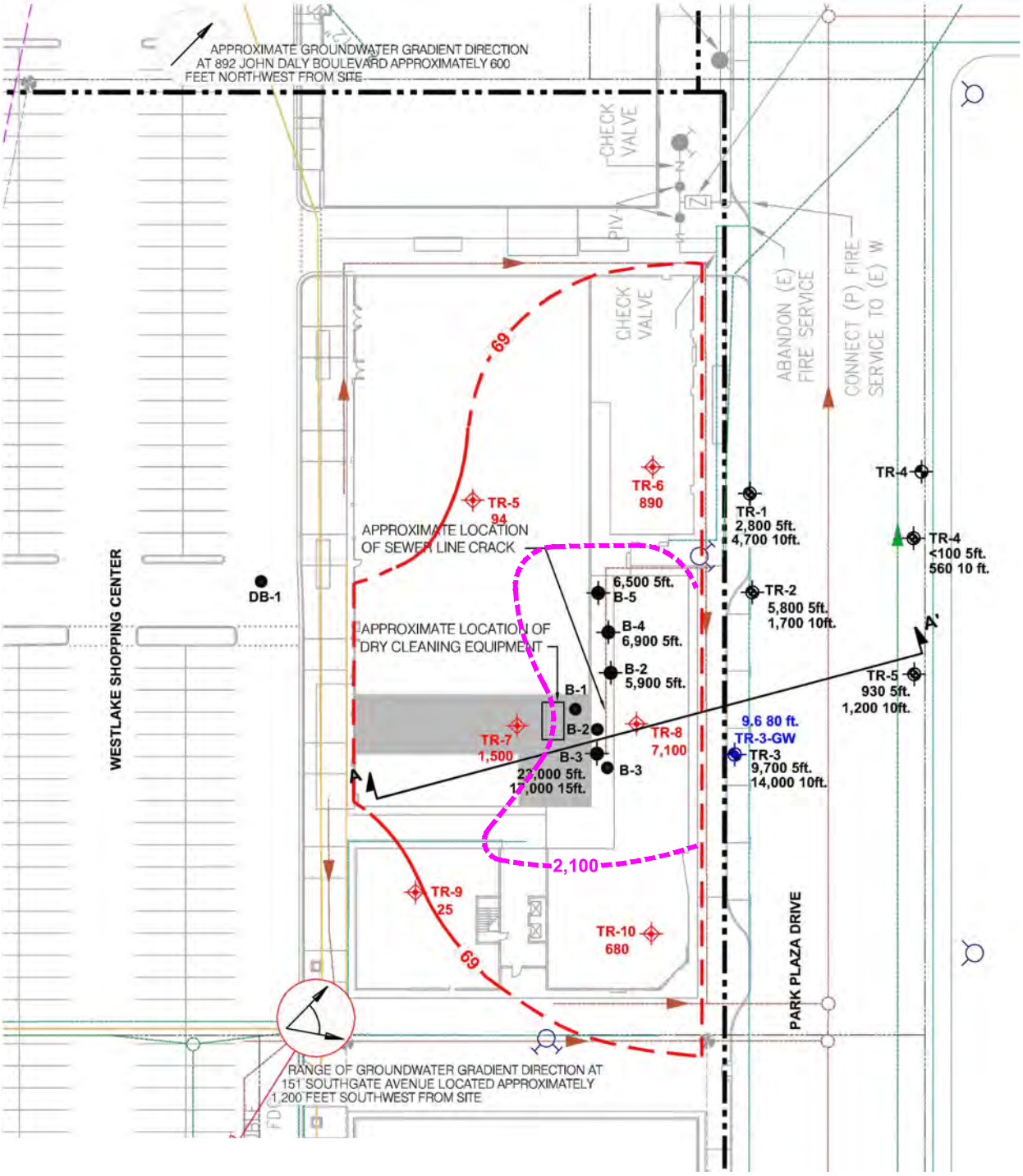
FIGURE 3
Site Plan

Source Area Characterization Work Plan
Former Westlake French Dry Cleaners
Daly City, California

northgate environmental management, inc.

Project No. 1241.03

G:\Projects\Temp\1241 Kimco Realty\1241.03 Former Westlake French Dry Cleaners Site\4030 Work Plans\Indoor Air Sampling WP\Figures\Figure 3_6 - Site Plan-Proposed IA Sample Location.dwg Layout: F3 User: andrew.middleton Oct 03, 2018 - 9:20am



EXPLANATION

- TR-9 — Sub-slab soil gas sampling location
- TR-3-GW — Grab-groundwater angled boring location
- TR-1 — Approximate location of soil vapor sample by Treadwell & Rollo, Inc., May 2009
- TR-4 — Approximate location of environmental soil boring by Treadwell & Rollo, Inc. May 2009
- B-6 — Approximate location of boring by ADR Enviromental, 2002
- B-1 — Approximate location of boring by Kleinfelder, 2002
- A — A' — Idealized subsurface profile
- 2800 5ft. — Tetrachloroethene (PCE) concentrations in micrograms per cubic meter (µg/m³), sample depth in feet below ground surface
- 94 — Sub-slab PCE concentration in µg/m³
- 9.6 — Groundwater PCE concentration in µg/L
- 69 µg/m³ PCE sub-slab contour (limited to sub-slab area beneath building)
- Existing Sanitary Sewer
- Existing Storm Drain
- Existing Water
- Existing Property Line
- Existing Sidewalk Lighting
- Existing Electrical Lighting
- 2,100 µg/m³ PCE concentraiton sub-slab contour

NOTE: In 2016 the Regional Water Quality Control Board established vapor Environmental Screening Levels for sub-slab/soil gas including a commercial exposure concentration of 2,100 µg/m³ PCE.

Reference: Figure originally presented as Figure 3 in a report by Treadwell and Rollo titled "Sub-slab and Groundwater Sampling Results, Former Westlake French Dry Cleaners" dated August 8, 2011

N

0 30 60

Scale (Feet)

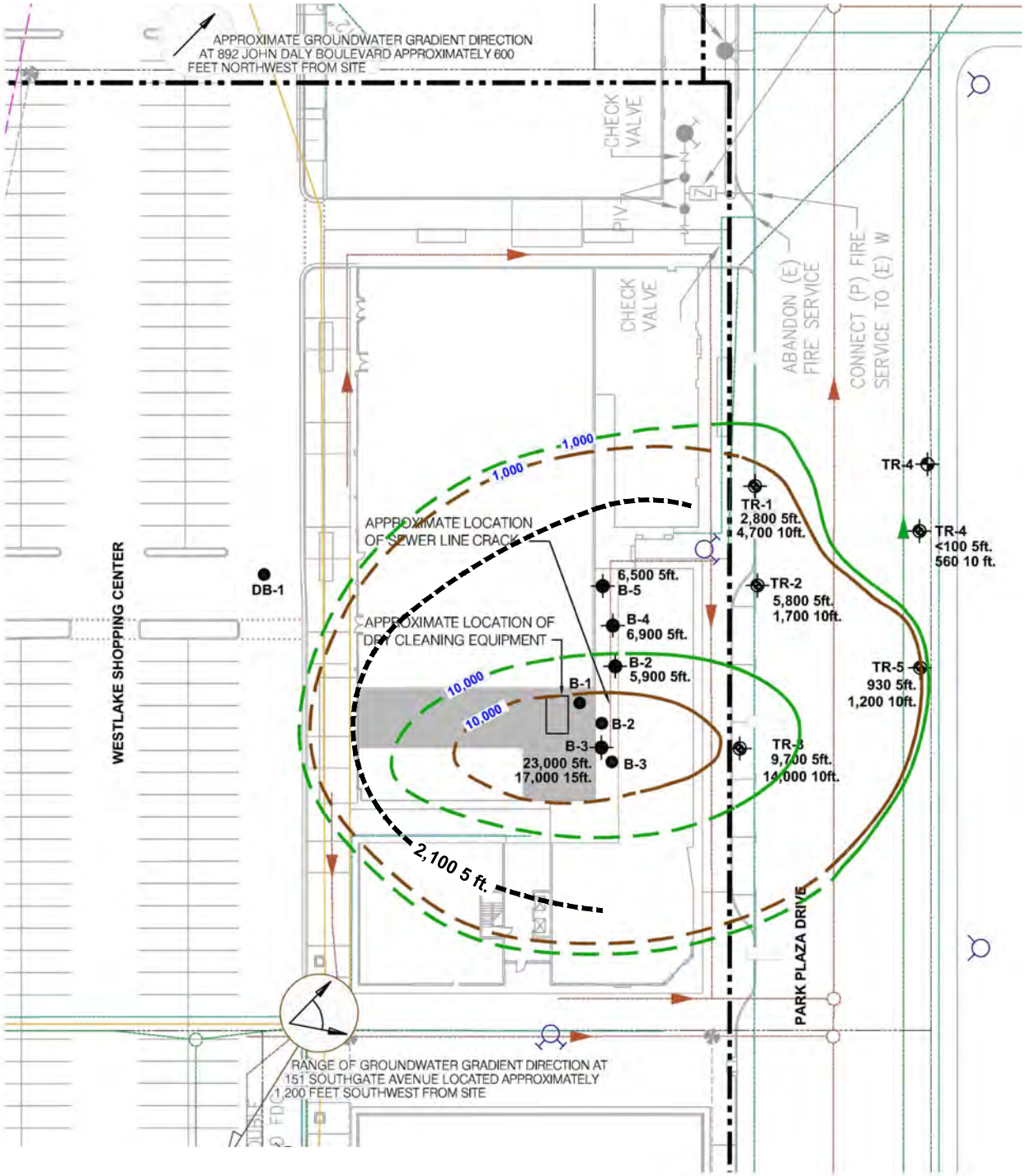
FIGURE 4a
Pre-SVE PCE Sub-Slab Vapor Concentration Contours

Source Area Characterization Work Plan
Former Westlake French Dry Cleaners
Daly City, California

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Project No. 1241.03

G:\Projects\Temp\1241 Kimco Realty\1241.03 Former Westlake French Dry Cleaners Site\4030 Work Plans\Indoor Air Sampling WP\Figures\Figure 4 - POE results.dwg Layout: F4a User: andrew.middleton Oct 03, 2018 - 9:32am



EXPLANATION

- TR-1 — Approximate location of soil vapor sample by Treadwell & Rollo, Inc., May 2009
- TR-4 — Approximate location of environmental soil boring by Treadwell & Rollo, Inc, May 2009
- B-6 — Approximate location of boring by ADR Environental, 2002
- B-1 — Approximate location of boring by Klienfelder, 2002
- 2800 5ft. — Tetrachloroethene (PCE) concentrations in micrograms per cubic meter (µg/m³), sample depth in feet below ground surface
- 2,100 µg/m³ PCE concentration contour at 5 feet
- PCE concentration in soil vapor contour at 5 feet
- PCE concentration in soil vapor contour at 10 feet
- Existing Sanitary Sewer
- Existing Storm Drain
- Existing Water
- Existing Property Line
- Existing Sidewalk Lighting
- Existing Electrical Lighting

N

0 30 60

Scale (Feet)

NOTE: In 2016 the Regional Water Quality Control Board established vapor Environmental Screening Levels for sub-slab/soil gas including a commercial exposure concentration of 2,100 µg/m³ PCE.

Reference: Figure originally presented as Figure 6 in a report by Treadwell and Rollo titled "Sub-slab and Groundwater Sampling Results, Former Westlake French Dry Cleaners" dated August 8, 2011

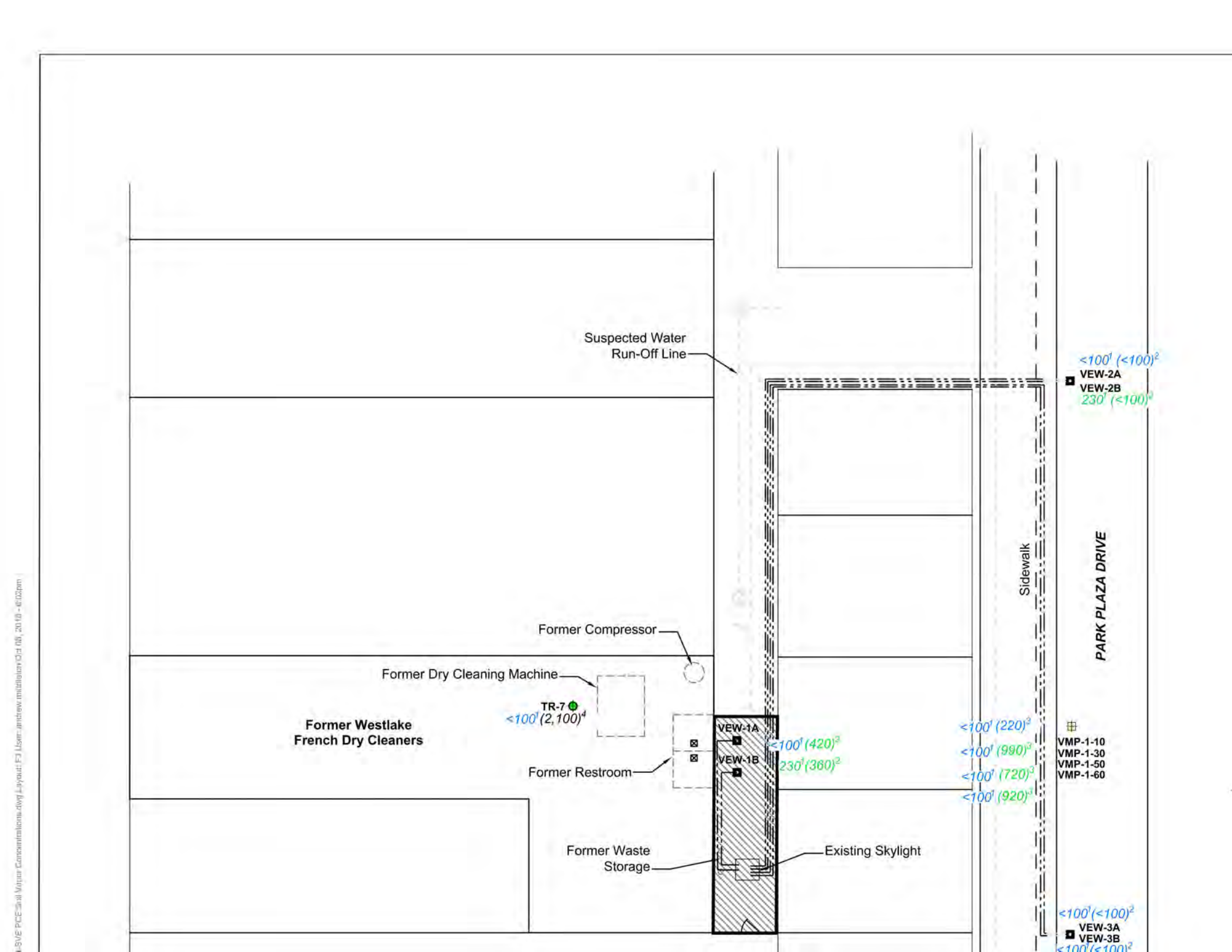
FIGURE 4b
Pre-SVE PCE Soil Vapor Concentration Contours

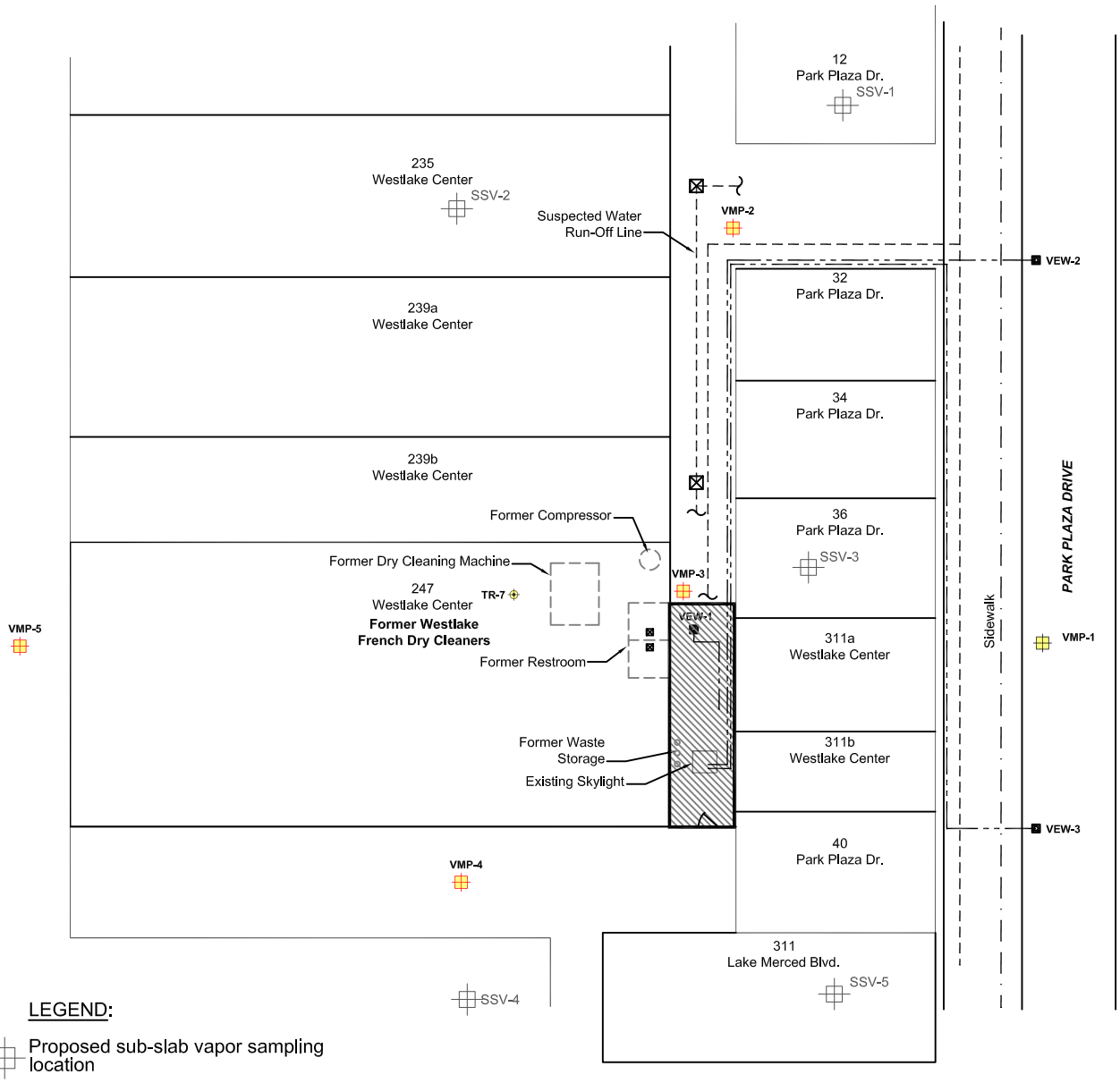
Source Area Characterization Work Plan
Former Westlake French Dry Cleaners
Daly City, California

northgate environmental management, inc.

Project No. 1241.03

G:\Projects\Temp\1241 Kimco Realty\1241.03 Former Westlake French Dry Cleaners Site\4030 Work Plans\Indoor Air Sampling WP\Figures\Figure 4 - POE results.dwg Layout: F4b User: andrew.middleton Oct 03, 2018 - 9:32am


Suspected Water
Run-Off Line
Former Compressor
Former Dry Cleaning Machine
TR-7
<100[1] (2,100)[4]
Former Westlake
French Dry Cleaners
VEW-1A
VEW-1B
Former Restroom
<100[1] (420)[3]
230[1] (360)[2]
Former Waste
Storage
Existing Skylight
Sidewalk
PARK PLAZA DRIVE
<100[1] (<100)[2]
VEW-2A
VEW-2B
230[1] (<100)[3]
<100[1] (220)[2]
<100[1] (990)[3]
<100[1] (720)[3]
<100[1] (920)[3]
VMP-1-10
VMP-1-30
VMP-1-50
VMP-1-60
<100[1](<100)[2]
VEW-3A
VEW-3B
<100[1](<100)[2]



LEGEND:

- SSV-1 — Proposed sub-slab vapor sampling location
- VMP-1 — Multi-depth soil vapor monitoring probe (VMP), by Northgate, 2012
- VMP-2 — Proposed multi-depth soil vapor monitoring probe (VMP)
- VEW-2 — Soil vapor extraction (SVE) well (VEW) by Northgate, 2013
- TR-7 — Previously installed sub-slab soil gas sampling port
- SVE treatment system area
- Existing property line
- Existing sanitary sewer
- Aboveground SVE piping
- Drain

N

0 10 20

Scale (Feet)

NOTE: Tenant spaces build-out details are not shown.

FIGURE 6
Proposed Source Area Characterization Sampling Locations

Source Area Characterization Work Plan
Former Westlake French Dry Cleaners
Daly City, California

northgate environmental management, inc.

Project No. 1241.03

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Standard Operating Procedure Installation and Extraction of the Vapor Pin™

Updated April 3, 2015

Scope:

This standard operating procedure describes the installation and extraction of the Vapor Pin™ for use in sub-slab soil-gas sampling.

Purpose:

The purpose of this procedure is to assure good quality control in field operations and uniformity between field personnel in the use of the Vapor Pin™ for the collection of sub-slab soil-gas samples or pressure readings.

Equipment Needed:

- Assembled Vapor Pin™ [Vapor Pin™ and silicone sleeve(Figure 1)]; Because of sharp edges, gloves are recommended for sleeve installation;
- Hammer drill;
- 5/8-inch (16mm) diameter hammer bit (hole **must** be 5/8-inch (16mm) diameter to ensure seal. It is recommended that you use the drill guide). (Hilti™ TE-YX 5/8" x 22" (400 mm) #00206514 or equivalent);
- 1½-inch (38mm) diameter hammer bit (Hilti™ TE-YX 1½" x 23" #00293032 or equivalent) for flush mount applications;
- ¾-inch (19mm) diameter bottle brush;
- Wet/Dry vacuum with HEPA filter (optional);
- Vapor Pin™ installation/extraction tool;
- Dead blow hammer;
- Vapor Pin™ flush mount cover, if desired;
- Vapor Pin™ drilling guide, if desired;
- Vapor Pin™ protective cap; and
- VOC-free hole patching material (hydraulic cement) and putty knife or trowel for repairing the hole following the extraction of the Vapor Pin™.



Figure 1. Assembled Vapor Pin™

Installation Procedure:

1) Check for buried obstacles (pipes, electrical lines, etc.) prior to proceeding.

2) Set up wet/dry vacuum to collect drill cuttings.

3) If a flush mount installation is required, drill a 1½-inch (38mm) diameter hole at least 1¾-inches (45mm) into the slab. Use of a Vapor Pin™ drilling guide is recommended.

4) Drill a 5/8-inch (16mm) diameter hole through the slab and approximately 1-inch (25mm) into the underlying soil to form a void. Hole **must** be 5/8-inch (16mm) in diameter to ensure seal. It is recommended that you use the drill guide.

Vapor Pin™ protected under US Patent # 8,220,347 B2

5) Remove the drill bit, brush the hole with the bottle brush, and remove the loose cuttings with the vacuum.

6) Place the lower end of Vapor Pin™ assembly into the drilled hole. Place the small hole located in the handle of the installation/extraction tool over the Vapor Pin™ to protect the barb fitting, and tap the Vapor Pin™ into place using a dead blow hammer (Figure 2). Make sure the installation/extraction tool is aligned parallel to the Vapor Pin™ to avoid damaging the barb fitting.



Figure 2. Installing the Vapor Pin™.

During installation, the silicone sleeve will form a slight bulge between the slab and the Vapor Pin™ shoulder. Place the protective cap on Vapor Pin™ to prevent vapor loss prior to sampling (Figure 3).



Figure 3. Installed Vapor Pin™

7) For flush mount installations, cover the Vapor Pin™ with a flush mount cover, using either the plastic cover or the optional stainless-steel Secure Cover (Figure 4).



Figure 4. Secure Cover Installed

8) Allow 20 minutes or more (consult applicable guidance for your situation) for the sub-slab soil-gas conditions to re-equilibrate prior to sampling.

9) Remove protective cap and connect sample tubing to the barb fitting of the Vapor Pin™. This connection can be made using a short piece of Tygon™ tubing to join the Vapor Pin™ with the Nylaflow

tubing (Figure 5). Put the Nylaflow tubing as close to the Vapor Pin as possible to minimize contact between soil gas and Tygon™ tubing.



Figure 5. Vapor Pin™ sample connection.

10) Conduct leak tests in accordance with applicable guidance. If the method of leak testing is not specified, an alternative can be the use of a water dam and vacuum pump, as described in SOP Leak Testing the Vapor Pin™ via Mechanical Means (Figure 6). For flush-mount installations, distilled water can be poured directly into the 1 1/2 inch (38mm) hole.



Figure 6. Water dam used for leak detection

11) Collect sub-slab soil gas sample or pressure reading. When finished, replace the protective cap and flush mount cover until the next event. If the sampling is complete, extract the Vapor Pin™.

Extraction Procedure:

1) Remove the protective cap, and thread the installation/extraction tool onto the barrel of the Vapor Pin™ (Figure 7). Continue turning the tool clockwise to pull the Vapor Pin™ from the hole into the installation/extraction tool.

2) Fill the void with hydraulic cement and smooth with a trowel or putty knife.



Figure 7. Removing the Vapor Pin™.

3) Prior to reuse, remove the silicone sleeve and protective cap and discard. Decontaminate the Vapor Pin™ in a hot water and Alconox® wash, then heat in an oven to a temperature of 265° F (130° C) for 15 to 30 minutes.

The Vapor Pin™ to designed be used repeatedly, however, replacement parts and supplies will be required periodically. These parts are available on-line at VaporPin.CoxColvin.com.

Vapor Pin™ protected under US Patent # 8,220,347 B2

February 28, 2019

Ms. Anne Jurek
Hazardous Materials Specialist
Groundwater Protection Program
County of San Mateo Health Department
2000 Alameda de las Pulgas, Suite 100
San Mateo, California 94403

RE: 2018 Annual Rebound Test Report
Former Westlake French Dry Cleaners Site, 247 Westlake Center
Daly City, California 94015
Project# 1241.03
SMCo Case# 229066

Dear Ms. Jurek:

Northgate Environmental Management, Inc. (Northgate) has prepared this letter report to document the results of rebound testing performed between February and December 2018, at the Former Westlake French Dry Cleaners Site, located at 247 Westlake Center, Daly City, California (the Site; Figures 1,2 and 3). The results for initially testing between February and June 2018, were provided to the San Mateo County Groundwater Protection Program (GPP) in an email dated July 13, 2018 (Northgate, 2018)[1]. Per the GPP November 27, 2018 letter request (GPP, 2018)[2], Northgate prepared this report to summarize the test results. In addition, this report presents results of continued semi-annual rebound testing performed in December 2018.

BACKGROUND

Soil gas investigations conducted at the Site from 2002 to 2011 indicated the presence of the dry cleaning solvent tetrachloroethene (PCE) in soil vapor at concentrations that exceeded Environmental Screening Levels (ESLs) established by the San Francisco Bay Regional Water

[1] Northgate Environmental Management, Inc. (Northgate), 2018. *Westlake First Half 2018 Rebound Test Status Update Email*, Former Westlake French Dry Cleaners Site, 247 Westlake Center, Daly City, California. July 13.

[2] San Mateo County Groundwater Protection Program (GPP), 2018. *Comments on the Source Area Characterization Work Plan*, Former Westlake French Dry Cleaners Site, 247 Westlake Center, Daly City, California. November 27.

Quality Control Board (RWQCB, 2007)[3]. In accordance with Northgate's *Soil Vapor Extraction (SVE) Work Plan* (Northgate, 2012a)[4] and *SVE Work Plan Addendum* (Northgate, 2012b)[5], a SVE system including three nested vapor extraction well pairs (VEWs) and four monitoring probes (VMPs) was installed in 2014. In addition, the monitoring network at the Site included one previously installed sub-slab probe (TR-7) located below the concrete floor of the former dry cleaning tenant space currently occupied by a T-Mobile retail store. A Site Plan showing the locations of the extraction wells, the monitoring probes, and the sub-slab probe is included on Figure 3. The SVE system was operated from 2015 until July 11, 2016, when the system was shut down for rebound testing in accordance with Northgate's *SVE Performance Report* (Northgate 2016)[6] recommendations.

Between July 7, 2016, and May 15, 2017, Northgate performed rebound testing at the Site by discontinuing SVE system operations for an approximately 10-month period and monitoring the PCE concentrations in soil vapor in the extraction wells and monitoring probes. Northgate evaluated the rebound test results by comparing PCE concentration to RWQCB *Vapor ESLs for Subslab and Soil Gas (Table SG-1)* (RWQCB, 2016)[7]. On August 30, 2017, Northgate submitted a *Rebound Test Report* (Northgate, 2017)[8] summarizing the results of rebound testing performed during the 10-month shutdown and recommended SVE be discontinued and the SVE system be decommissioned.

In its September 29, 2017 letter[9] response to the *Rebound Test Report*, the GPP requested continued rebound test sampling of the sub-slab soil vapor probe TR-7 inside the T-Mobile tenant space on a semi-annual basis until PCE concentrations reach stable equilibrium. On March 14, 2018, Northgate submitted the *Second Half 2017 Rebound Test Report* (Northgate, 2018)[10] summarizing the results of rebound testing performed during the continued three-month shutdown between December 2017 and February 2018. The report recommended continued

[3] Regional Water Quality Control Board, San Francisco Bay Region, (RWQCB), 2007. *Screening for Environmental Concerns at Sites with Contaminated Soil and Groundwater*, November. Revised February 2016.

[4] Northgate, 2012a. *Soil Vapor Extraction Work Plan*, Former Westlake French Dry Cleaners Site, 247 Westlake Center, Daly City, California. June 28.

[5] Northgate, 2012b. *SVE Work Plan Addendum*, Former Westlake French Dry Cleaners Site, 247 Westlake Center, Daly City, California. August 30.

[6] Northgate, 2016, *Soil Vapor Extraction Performance Report, Former Westlake French Dry Cleaners Site, 247 Westlake Center, Daly City, California* , March 15.

[7] RWQCB, 2016. *Vapor Environmental Screening Levels (ESLs) for Subslab and Soil Gas.* February.

[8] Northgate, 2017. *Rebound Test Report*, Former Westlake French Dry Cleaners Site, 247 Westlake Center Daly City, California. August 30.

[9] GPP. 2017. Letter. September 29.

[10] Northgate, 2018a. *Second Half 2017 Rebound Test Report*, Former Westlake French Dry Cleaners Site, 247 Westlake Center Daly City, California. March 14.

rebound test sampling of the sub-slab soil vapor probe TR-7 inside the T-Mobile tenant space on a semi-annual basis until PCE concentrations reach stable equilibrium.

This report presents the laboratory analytical results of additional samples collected at TR-7 on June 20, 2018, and December 12, 2018, in accordance with the *SVE Work Plan* and the above GPP request.

SAMPLING AND ANALYSIS

Each sample was collected in a one-liter Summa™ laboratory batch certified canister and transported under chain-of custody protocol for chemical analysis at McCampbell Analytical, Inc. in Pittsburg, California, a fixed state-certified laboratory using U.S. Environmental Protection Agency (EPA) Method TO-15 for volatile organic compounds (VOCs). The daily field report and forms are included in Attachment A. Laboratory results for samples collected on June 20, 2018, and December 12, 2018, are summarized in Table 1 which shows a summary of PCE concentrations for soil vapor samples collected at TR-7 since the start of the rebound testing program in July 2016. A summary of soil vapor sample analytical results for other VOCs is provided on Table 2. The laboratory analytical report is included in Attachment B (older laboratory reports are included in Northgate's *Rebound Test Report* [2017] and the *Second Half 2017 Rebound Test Report* [2018a]. A site plan including locations of monitoring points is shown on Figure 3. PCE concentrations over time, in the sub-slab probe TR-7, are shown on Figure 4.

REBOUND TEST RESULTS

In accordance with the California Department of Toxic Substances Control (DTSC) *Advisory - Active Soil Gas Investigations* (DTSC, 2015)[11], Northgate collected one primary and one field duplicate soil vapor sample (TR-7 and TR-7-DUP) from the sub-slab soil vapor probe TR-7 inside the T-Mobile tenant space on June 20, 2018. On December 12, 2018, Northgate collected one primary and one field replicate soil vapor sample (TR-7 and TR-7-REP). The analytical laboratory reported a tetrachloroethylene (PCE) concentration of 2,100 micrograms per cubic meter (µg/m^3) for samples TR-7 and TR-7-DUP collected on June 20, 2018. Subsequently, PCE was detected at concentrations of 1,500 and 1,700 µg/m^3 in samples TR-7 and TR-7-REP, respectively, collected on December 12, 2018. Other VOCs were not detected above their corresponding laboratory detection limits.

[11] California Department of Toxic Substances Control (DTSC), 2015. *Advisory - Active Soil Gas Investigations.* July.

All analytical results are within the range outlined by the DTSC guidance and laboratory quality control criteria, except for the Relative Percent Deviation (RPD) of 1,3-butadiene in the Laboratory Controls Sample (LCS) for the batch collected on December 12, 2018. The RPD is outside the laboratory limit suggesting low reproducibility of the LCS result for 1,3-butadiene, a chemical of no concern for the Site. Results for PCE are not impacted by the above laboratory quality control qualifier. The leak check compound, isopropyl alcohol, was not detected above laboratory reporting limits in any of the samples collected, indicating that the soil vapor samples collected during this rebound test period are unlikely to have been diluted with ambient air. Laboratory results for all four samples are summarized in Tables 1 and 2. Laboratory analytical reports are included in Attachment B.

Following initial rebound testing, PCE concentrations increased from less than 100 µg/m^3 in July 2016 to 2,100 µg/m^3 in June 2018; however, current PCE concentrations from samples collected from the sub-slab probe TR-7 have decreased in the last six months to 1,700 µg/m^3 in December 2018 (Tables 1; and Figures 3 and 4).

Northgate evaluated this study periods' rebound test results by comparing detected concentrations of PCE and other VOCs to their corresponding previous 2016 ESLs, recently revised 2019 Vapor ESLs, and new Subslab/Soil Gas Level Short-Term Action Levels (Vapor STALs) established for the PCE degradation compound trichloroethene (TCE) (RWQCB, 2019)[12,13]. Current Vapor ESLs for subslab/soil gas include a residential exposure concentration of 15 µg/m^3 (previously 240 µg/m^3) for PCE, and a commercial exposure concentration of 67 µg/m^3 (previously 2,100 µg/m^3) for PCE. The new commercial Vapor STAL for TCE triggering expedited indoor air sampling is 270 µg/m^3.

All detected PCE subslab/soil gas results at the conclusion of this study period were below the 2016 commercial ESLs applicable at the time of sample collection. However, PCE rebound test results exceed the new 2019 commercial ESLs. No other VOCs exceed the 2019 residential ESLs. The new Vapor STALs apply to TCE concentrations below the building slab foundation and subsurface (RWQCB, 2019). TCE was not detected above the above the laboratory

[12] RWQCB, 2019. *Environmental Screening Levels (ESLs).* January 24.

[13] On January 24, 2019 the RWQCB published revised Vapor Intrusion ESLs for subslab soil gas and exterior soil gas vapor intrusion (Table SG-1) based on USEPA's 2015 recommended attenuation factors (AF) rather than the Johnson and Ettinger Model. Table SG-1 presents an AF of 0.03 (previously 0.001 and 0.002) lowering the residential and commercial ESLs by over a magnitude to 15 and 67 µg/m^3 (previously 240 and 2,100 µg/m^3), respectively. In addition, the RWQCB established Vapor and Indoor Air (IA) STALs for TCE. The commercial Vapor STAL triggering a Response Action (RA) is 270 µg/m^3 for TCE. The commercial IA STALs triggering an Accelerated RA (within weeks) and Urgent RA (within days) are 8 and 24 µg/m^3 for TCE, respectively. A subslab/soil gas related RA prompts expedited indoor air sampling. A commercial indoor air related Accelerated RA and Urgent RA prompt mitigation such as increasing use of HVAC (e.g., increasing outdoor air intake, increasing building pressurization), sealing potential conduits, or treating indoor air.

detection limit of up to 5.5 µg/m^3 (the commercial Vapor STAL is 270 µg/m^3) during this study period.

CONCLUSIONS AND RECOMMENDATIONS

Results do not indicate that sub-slab PCE concentrations are near or at equilibrium at this time. At the current time, in accordance with GPPs request, Northgate is in the process of implementing the GPP conditionally approved *Source Area Characterization Work Plan* (Northgate, 2018; GPP, 2018) to evaluate the current nature and extent of PCE impacts in the subsurface and evaluate the potential need to further optimize remediation activities at the Site by modifying operation of the SVE system.

CLOSING

Should you have any questions or require additional information, please do not hesitate to call Derrick Willis at (949) 716-0050 ext. 101.

Sincerely,

Northgate Environmental Management, Inc.

REGISTERED PROFESSIONAL ENGINEER
AXEL D. RIEKE
No. 71407
EXP. 12/31/19
CIVIL
STATE OF CALIFORNIA

Derrick S. Willis
Principal

Axel Rieke, P.E. #71407
Associate Engineer

Enclosures:

- Table 1. Comparison of Rebound Test Analytical Results for PCE and Vapor ESLs
- Table 2. Summary of Soil Vapor Sample Analytical Results
- Figure 1. Site Location Map
- Figure 2. Site Vicinity Map
- Figure 3. Site Plan
- Figure 4. PCE Concentration vs. Time in Sub-slab Monitoring Probe
- Attachment A. Daily Field Reports and Forms
- Attachment B. Laboratory Analytical Results

cc: Kimco Westlake, L.P.
Mr. Jason Lee
Counsel
Kimco Realty Corporation
1621 B South Melrose Drive
Vista, California 92081

Peter Ton, Esq.
Wactor & Wick LLP
180 Grand Avenue, Suite 950
Oakland, California 94612

TABLES

TABLE 1
Comparison of Rebound Test Analytical Results for PCE and Vapor ESLs

Sample ID	Well Screen Interval (fbgs)	Date Sampled	Tetrachloroethene (PCE) Concentration (µg/m^3)	Comments [1,2]
2016 Subslab/Soil Gas ESL (Commercial)[3]			(240)	
2019 Subslab/Soil Gas ESL (Commercial)[4]			67	
2016 Subslab/Soil Gas ESL (Residential)[3]			(2,100)	
2019 Subslab/Soil Gas ESL (Residential)[4]			15	
Sample collected at previously installed sub-slab monitoring probe:				
TR-7	0.5	6/16/14	**430**	Sub-slab monitoring point baseline sample
TR-7	0.5	11/12/15	**560**	Sub-slab monitoring point O&M sample
TR-7	0.5	2/17/16	<100	Sub-slab monitoring point O&M sample
TR-7-DUP	0.5	2/17/16	<100	Sub-slab monitoring point O&M sample
TR-7	0.5	5/19/16	**120**	Sub-slab monitoring point O&M sample
TR-7	0.5	7/11/16	<100	Rebound test baseline sample
TR-7	0.5	8/18/16	**140**	Sub-slab monitoring point rebound test sample
TR-7	0.5	9/14/16	**370**	Sub-slab monitoring point rebound test sample
TR-7	0.5	11/10/16	**820**	Sub-slab monitoring point rebound test sample
TR-7	0.5	5/4/17	**890**	Sub-slab monitoring point rebound test sample
TR-7-DUP	0.5	5/4/17	**890**	Sub-slab monitoring point rebound test sample
TR-7	0.5	5/15/17	**1,200** [2]	Sub-slab monitoring point rebound test sample
TR-7-DUP	0.5	5/15/17	**1,200** [2]	Sub-slab monitoring point rebound test sample
TR-7	0.5	12/20/17	**1,700** [2]	Sub-slab monitoring point rebound test sample
TR-7-DUP	0.5	12/20/17	<14 [2]	Sub-slab monitoring point rebound test sample
TR-7	0.5	2/14/18	**1,700** [2]	Sub-slab monitoring point rebound test sample
TR-7-DUP	0.5	2/14/18	**1,800** [2]	Sub-slab monitoring point rebound test sample
TR-7	0.5	6/20/18	**2100** [2]	Sub-slab monitoring point rebound test sample
TR-7-DUP	0.5	6/20/18	**2100** [2]	Sub-slab monitoring point rebound test sample
TR-7	0.5	12/12/18	**1500** [2]	Sub-slab monitoring point rebound test sample
TR-7-REP	0.5	12/12/18	**1700** [2]	Sub-slab monitoring point rebound test sample

TABLE 1
Comparison of Rebound Test Analytical Results for PCE and Vapor ESLs

Notes:

1. Start up of the Soil Vapor Extraction (SVE) system on June 16, 2014. The SVE system ran for a total of 25 days until it was shut down on July 28, 2014 because of noise complaints. The system was restarted in August 12, 2015. Rebound testing activities were initiated on July 11, 2016, following shut down the SVE system on July 7, 2016, after 10 months of continuous operation between August 12, 2015 and July 7, 2016.
2. Samples collected on May 15, 2017, December 20, 2017, February 14, 2018, June 20, 2018, and December 12, 2018, were analyzed by USEPA Method TO-15. All other samples were analyzed by USEPA Method 8260.
3. Environmental Screening Levels (ESLs) published by SFBRWQCB Region 2 February 2016), Table SG-1 (Subslab/Soil Gas Vapor Intrusion Human Health Risk Screening Levels based on commerial and residential Attenuation Factor Soil Gas to Indoor Air of 0.001 and 0.002, respectively)
4. Environmental Screening Levels (ESLs) published by SFBRWQCB Region 2 January 2019), Table SG-1 (Subslab Soil Gas and Exterior Soil Gas Vapor Intrusion Human Health Risk Screening Level based on Attenuation Factor Soil Gas to Indoor Air of 0.03)

< = not detected above the indicated detection limit

fbgs: feet below the ground surface

$\mu g/m^3$: Micrograms per cubic meter

PCE : tetrachloroethene

TR = Subslab Monitoring Probe

(#,###): 2016 ESL superseded by 2019 ESL

bold: analyte detected above its corresponding 2019 commerical ESL

Shaded areas represent rebound test results for the study period (February through December 2018) of this report.

TABLE 2
Summary of Soil Vapor Sample Analytical Results for Other VOCs

Sample Identification	Well Screen Interval (fbgs)	Date Sampled	Analyte Concentrations (µg/m^3)		Comment[2]
			Isopropyl Alcohol[1]	Other VOCs	
2016 Subslab/Soil Gas ESL (Commercial)[3]			ne	vary	
2019 Subslab/Soil Gas ESL (Commercial)[4]			ne	vary	
2016 Subslab/Soil Gas ESL (Residential)[3]			ne	vary	
2019 Subslab/Soil Gas ESL (Residential)[4]			me	vary	
Sample collected at previously installed sub-slab monitoring probe:					
TR-7	0.5	6/16/14	< 100	ND	Sub-slab monitoring point baseline sample
TR-7	0.5	11/12/15	< 100	ND	Sub-slab monitoring point O&M sample
TR-7	0.5	2/17/15	< 100	ND	Sub-slab monitoring point O&M sample
TR-7-DUP	0.5	2/17/15	< 100	ND	Sub-slab monitoring point O&M sample
TR-7	0.5	5/19/16	< 100	ND	Sub-slab monitoring point O&M sample
TR-7	0.5	7/11/16	< 100	ND	Rebound test baseline sample
TR-7	0.5	8/18/16	< 100	ND	Sub-slab monitoring point rebound test sample
TR-7	0.5	9/14/16	< 100	ND	Sub-slab monitoring point rebound test sample
TR-7	0.5	11/10/16	< 100	ND	Sub-slab monitoring point rebound test sample
TR-7	0.5	5/4/17	< 100	ND	Sub-slab monitoring point rebound test sample
TR-7-DUP	0.5	5/4/17	< 100	ND	Sub-slab monitoring point rebound test sample
TR-7	0.5	5/15/17	< 25	ND	Sub-slab monitoring point rebound test sample
TR-7-DUP	0.5	5/15/17	**220**	ND	Sub-slab monitoring point rebound test sample
TR-7	0.5	12/20/17	< 25	ND	Sub-slab monitoring point rebound test sample
TR-7-DUP	0.5	12/20/17	< 25	ND	Sub-slab monitoring point rebound test sample
TR-7	0.5	2/14/18	< 100	ND	Sub-slab monitoring point rebound test sample
TR-7-DUP	0.5	2/14/18	< 100	ND	Sub-slab monitoring point rebound test sample
TR-7	0.5	6/20/18	< 100	ND	Sub-slab monitoring point rebound test sample
TR-7-DUP	0.5	6/20/18	< 100	ND	Sub-slab monitoring point rebound test sample
TR-7	0.5	12/12/18	< 50	ND	Sub-slab monitoring point rebound test sample
TR-7-REP	0.5	12/12/18	< 50	ND	Sub-slab monitoring point rebound test sample

TABLE 2
Summary of Soil Vapor Sample Analytical Results for Other VOCs

Notes:

1. Isopropyl Alcohol is a leak-check compound.
2. Samples collected on May 15, 2017, December 20, 2017, February 14, 2018, June 20, 2018, and December 12, 2018, were analyzed by USEPA Method TO-15. All other samples were analyzed by USEPA Method 8260.
3. Environmental Screening Levels (ESLs) published by SFBRWQCB Region 2 February 2016), Table SG-1 (Subslab/Soil Gas Vapor Intrusion Human Health Risk Screening Levels based on commerial and residential Attenuation Factor Soil Gas to Indoor Air of 0.001 and 0.002, respectively)
4. Environmental Screening Levels (ESLs) published by SFBRWQCB Region 2 January 2019), Table SG-1 (Subslab Soil Gas and Exterior Soil Gas Vapor Intrusion Human Health Risk Screening Level based on Attenuation Factor Soil Gas to Indoor Air of 0.03)

µg/m^3: Micrograms per cubic meter

VOCs: Volatile organic compounds

ne: not established

<: not detected above the indicated detection limit

fbgs: feet below the ground surface

bold: analyte detected above its corresponding laboratory reporting limit

ND: Not detected above the indicated laboratory method reporting limit; limits vary by compound

TR = Subslab Monitoring Probe

Shaded areas represent rebound test results for the study period (February through December 2018) of this report.

FIGURES

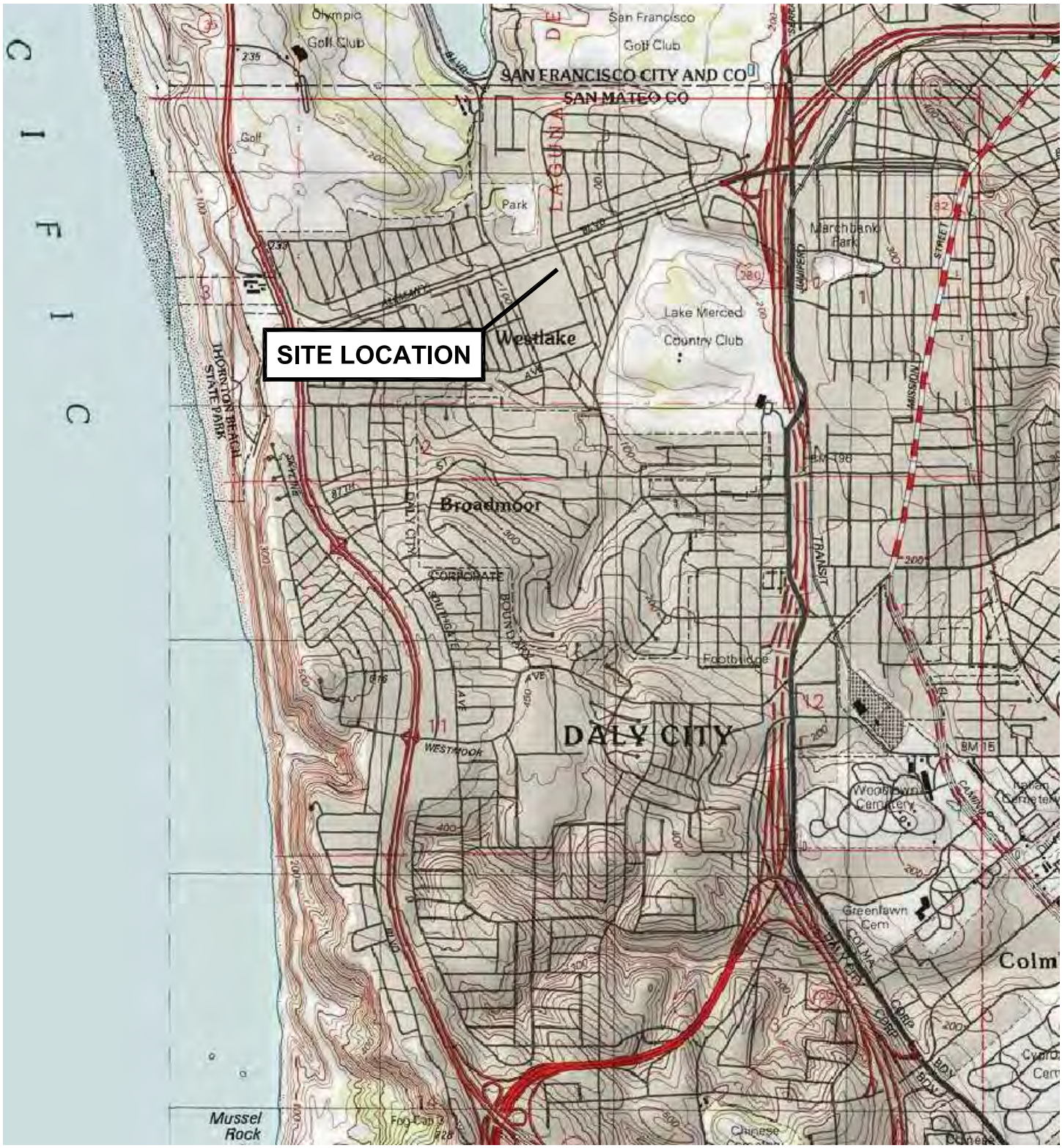


FIGURE 1
Site Location Map

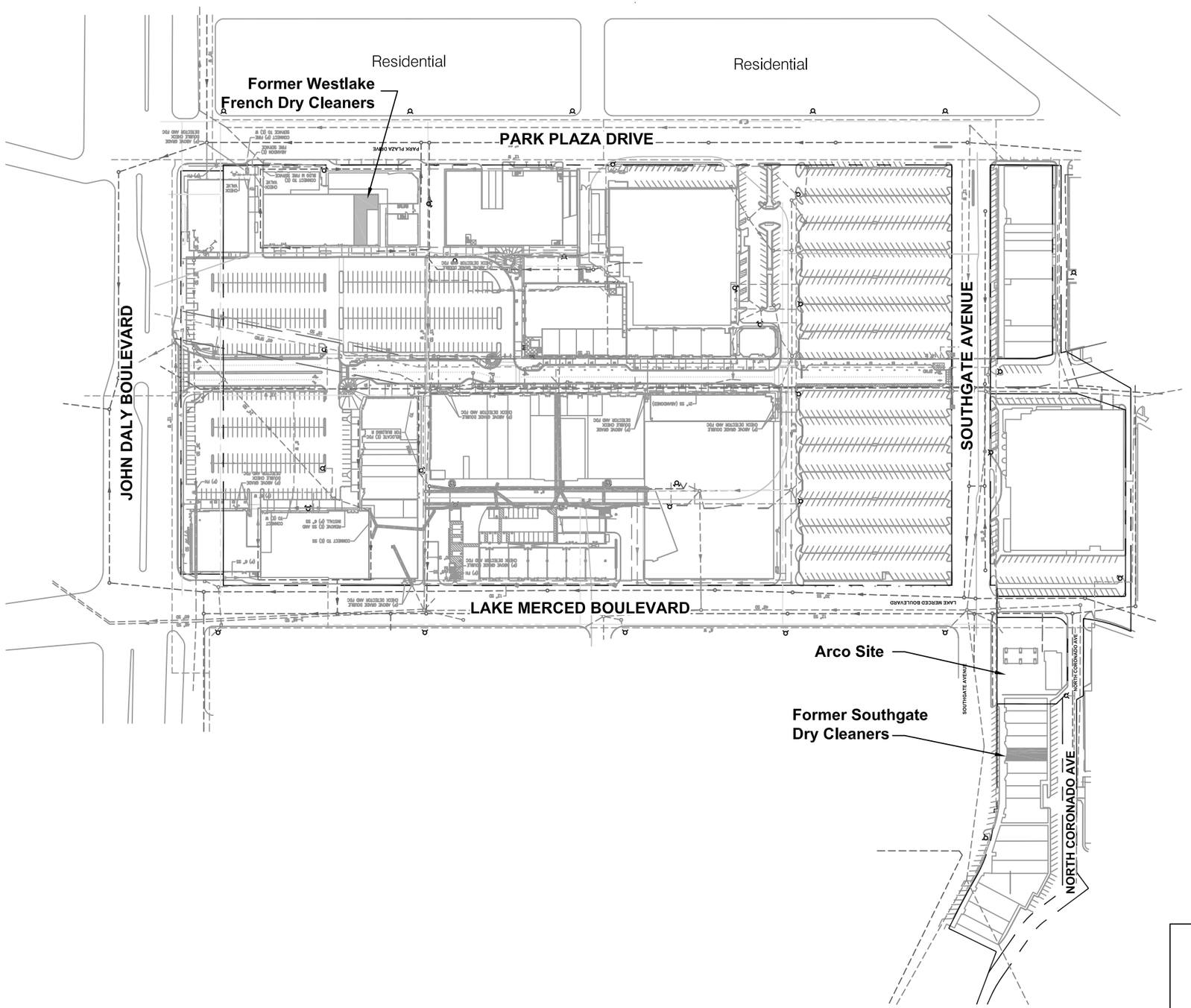
2018 Annual Rebound Test Report
Former Westlake French Dry Cleaners
Daly City, California

Source: National Geographic USGS TOPO! 2000

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G:\Projects\Temp\1241 Kimco Realty\1241.03 Former Westlake French Dry Cleaners Site\4060 Rebound Test Status Report\Figures\Figure 1 - Site Location.dwg Layout: 8.5x11-P User: andrew.middleton Jan 15, 2019 - 3:44pm



Reference: Base map from a drawing titled "Westlake Shopping Center, Water, Sanitary Sewer and Storm Drainage Master Plan, Phase 3 Condition", by BKF, dated 07/16/04

FIGURE 2
Site Vicinity Map

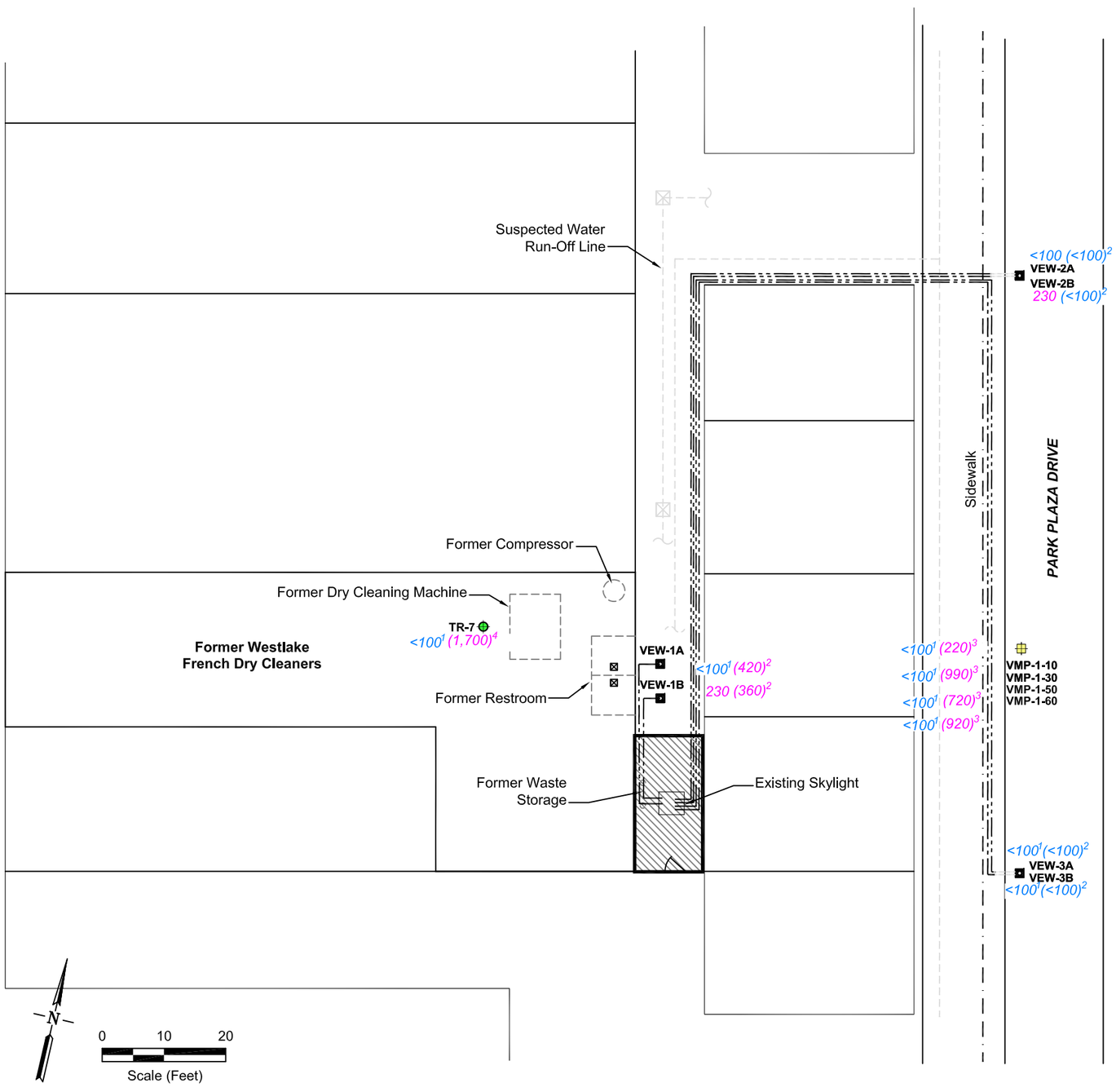
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G:\Projects\Temp\1241 Kilmco Realty\1241.03 Former Westlake French Dry Cleaners Site\4060 Rebound Test Status Report\Figures\Figure 2 - Site Vicinity.dwg Layout: Layout1 User: andrew.mikkelson Jan 15, 2019 - 4:08pm

G:\Projects\1241 Kimco Realty\1241.03 Former Westlake French Dry Cleaners Site\4090 Semi Annual Rebound Test Reports\First Half 2018\Figures\Template for Figure 3\Figure 1 - Site Plan First Half of 2018 Rebound Test Status Update.dwg Layout: F3 User: andrew.middleton Feb 21, 2019 - 8:46am



Sample ID	Well Screen Interval (fbgs)	Baseline Tetrachloroethene (PCE) Analytical Concentration ($\mu g/m^3$)	Current Tetrachloroethene (PCE) Analytical Concentration ($\mu g/m^3$)
		Shut Down Sample Date 7/11/2016 [1]	Current Sample Dates (indicated in notes below)
Samples collected at soil-vapor extraction wells:			
VEW-1A	5-30	<100	420 [2]
VEW-1A, replicate	5-30	--	340 [2]
VEW-1B	35-65	230	360 [2]
VEW-2A	5-30	<100	<100 [2]
VEW-2B	35-65	230	<100 [2]
VEW-3A	5-30	<100	<100 [2]
VEW-3B	35-65	<100	<100 [2]
Samples collected at soil-vapor monitoring points:			
VMP-1-10	9.75-10.25	<100	220 [3]
VMP-1-10-DUP	9.75-10.25	<100	--
VMP-1-30	29.75-30.25	<100	990 [3]
VMP-1-50	49.75-50.25	<100	720 [3]
VMP-1-60	59.75-60.25	<100	920 [3]
Sample collected at previously installed sub-slab monitoring probe:			
TR-7	0.5	<100	1,500 [4]
TR-7-REP	0.5	--	1,700 [4]

Notes:

1. Samples were collected on July 11, 2016, and analyzed by USEPA Method 8260.
2. Samples were collected on May 4, 2017, and analyzed by USEPA Method 8260.
3. Samples were collected on May 15, 2017, and analyzed by USEPA Method TO-15.
4. Samples were collected on December 12, 2018, and analyzed by USEPA Method TO-15.

fbgs: feet below the ground surface

$\mu g/m^3$: Micrograms per cubic meter

<: not detected above the indicated detection limit

VEW-2 — Soil vapor extraction well (VEW), by Northgate, 2013

VMP-1-10 — Multi-depth soil vapor monitoring probe (VMP), by Northgate, 2012

TR-7 — Sub-Slab Monitoring Probe, by T&R, 2009

<100 PCE Concentration in mg/m³

220 PCE Concentration in mg/m³, above commercial ESL

Treatment system area

Drain

Existing property line

Existing sanitary sewer

Aboveground Piping Connecting the SVE Wells to Treatment System

Belowground Conveyance Piping

FIGURE 3
Site Plan

2018 Annual Rebound Test Report
Former Westlake French Dry Cleaners
Daly City, California

northgate environmental management, inc.

Project No. 1241.03

Figure 4 PCE Concentration vs. Time - Rebound Test Only Below the Subslab

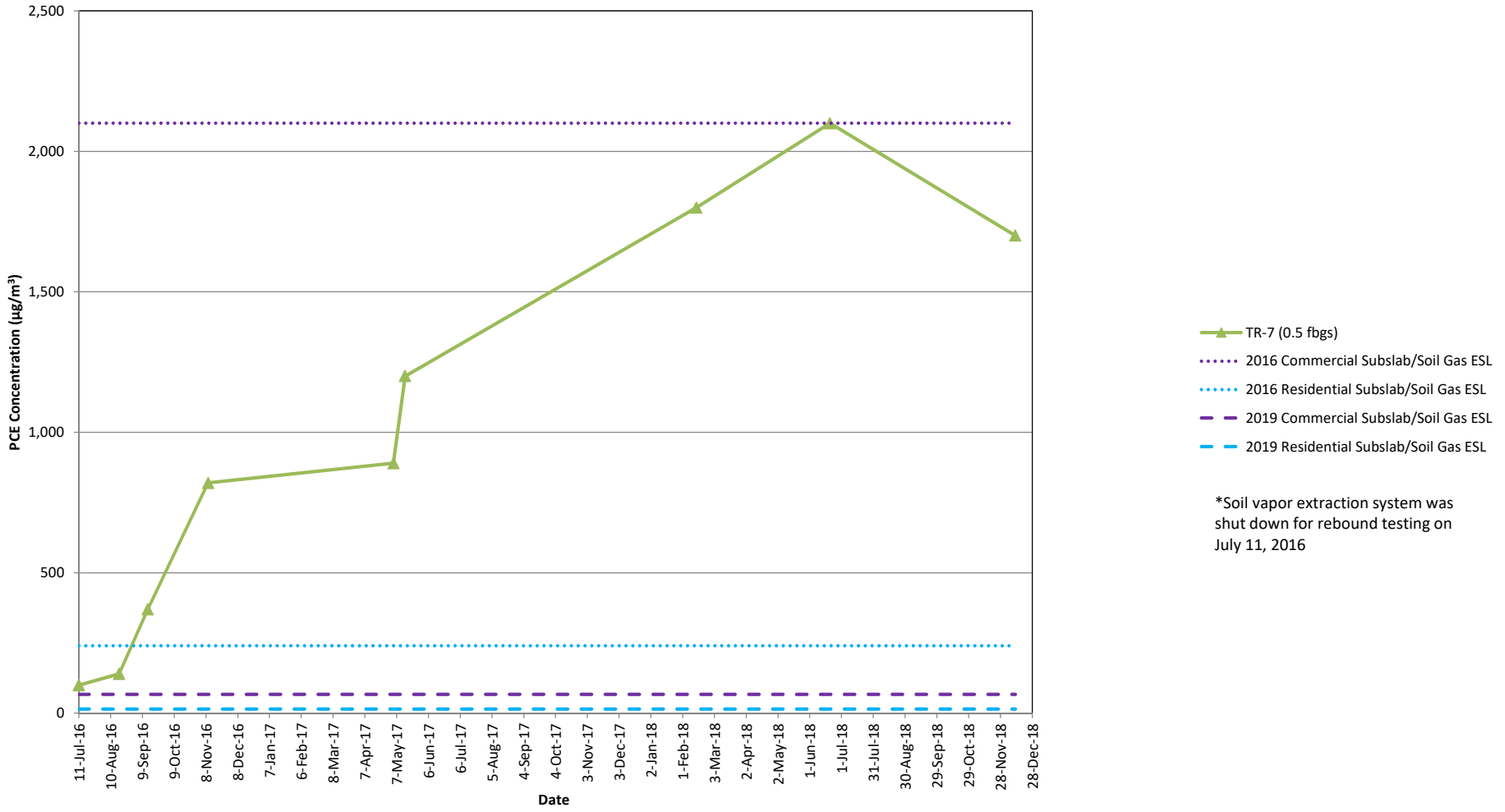


FIGURE 4
PCE Concentration vs. Time - Rebound Test Only Below the Subslab

2018 Annual Rebound Test Report
Former Westlake French Dry Cleaners
Daly City, California

northgate environmental management, inc.

Project No. 1241.03

ATTACHMENT A

DAILY FIELD REPORTS AND FORMS

DAILY FIELD REPORT

northgate environmental management, inc.

Project No.: 134 1241.03 Date 6/20/18

Project Name: Westlake Page 1 of 1

Field Personnel: S. Acker

Time Onsite: From: 0954 To: 1130 Task No(s):

Weather Overcast

PPE Level Used: Level D

Equipment Used: MiniRae 3000 PID

Other Personnel Onsite:

	Name	Purpose	Time Onsite	Time Offsite
1.	Anne Jurek	GPP	0950	1100
2.				
3.				

Time	Field Activities
0954	Arrive On-Site
1006	Unpack equipment
1008	Begin Shut-in testing, see SV data sheet for details.
1053	Purge TR-7 w/ purge canister & flow regulator set to 150 mL/min. 52 seconds = 3X purge volume of 130 mL
1057	Calibrate PID to 100.0 ppmv isobutylene equivalents. PID reading 0.0 following calibration
1101	Sample TR-7 & TR-7-DUP w/ Teflon tubing & 1-Liter Summa canister. Isopropyl alcohol (IPA) & shroud used for leak check.
1115	Pack Up
1130	Leave Site

Signature

Reviewed By:

Soil Vapor Sampling Field Data Sheet

Name: S. Acker, Westlake
Project 1241.08
Date: 6/20/18

Sample ID	Purge Vol (L)[1]	Can. ID	Flow ID	Flowrate (mL/min)	Shut-In Test[2]				Sample Collection				PID	Purge Notes
					Start		End		Start		End			
					Time	Pressure (in Hg)	Time	Pressure (in Hg)	Time	Pressure (in Hg)	Time	Pressure (in Hg)		
TR-7	0.13	A7522-870	316-664	150	1008	-29.5	1009	-29.5	1101	-29.5	1113	-4	0.0	* Purge @ 1053 w/purge canister
TR-7-DUP	0.13	J1918-1901	316-664	150	1008	-29.5	1009	-29.5	1101	-29.5	1113	-4	0.0	* " " " "

1. Purge volume is three casing voiumes
2. Shut-In test to be completed for 1 minute with less than 0.5 in water (~0 in Hg) pressure drop, manifold will not be used if a pressure drop is observed.

* Purge can ID # 3652-568

DAILY FIELD REPORT

northgate environmental management, inc.

Project No.: 1241.03 Date 12/12/18

Project Name: ~~S. Acker~~ Westlake Page 1 of 1

Field Personnel: S. Acker

Time Onsite: From: 0949 To: 1205 Task No(s):

Weather Partly cloudy

PPE Level Used: Level D

Equipment Used: MiniRae 3000 PID

Other Personnel Onsite:

	Name	Purpose	Time Onsite	Time Offsite
1.				
2.				
3.				

Time	Field Activities
0949	Arrive onsite
0955	Unpack equipment
1007	Calibrate PID to 100.0 ppmv isobutylene equivalents.
1015	Conduct Shut-in testing see SV datasheet for details.
1046	Purge TR-7 w/ Syringe: 130 mL = 3X casing volume.
1047	Collect Sample TR-7 w/ teflon tubing & 1-Liter Summa Canister. IPA & shroud used for leak check.
1056	Collect Sample TR-7-REP w/ teflon tubing & 1-L Summa. IPA & shroud used for leak check. See SV data sheet for details.
1110	Pack equipment
1125	Collect measurements @ Breezeway entrance as follows:
	Breezeway entrance doors
	H: 6'7"
	W: 6'
	Hallway entrance doors:
	H: 6'8"
	W: 4'
	Ceiling Height: 10'10"
	Open entry way Southeast T-mobile:
	H: 10'8"
	W: 8'4"
1205	Leave Site

Signature [signature] Reviewed By:

Soil Vapor Sampling Field Data Sheet

Name: Westlake S. Acker
Project 1241.03
Date: 12/12/18

Sample ID	Purge Vol (L)[1]	Can. ID	Flow ID	Flowrate (mL/min)	Shut-In Test[2]				Sample Collection				PID	Purge Notes
					Start		End		Start		End			
					Time	Pressure (in Hg)	Time	Pressure (in Hg)	Time	Pressure (in Hg)	Time	Pressure (in Hg)		
~~TR-7~~	~~0.130~~	~~R1197-332~~	~~516-823~~	~~150~~	~~1010~~	~~-22~~	~~1011~~	~~-22.5~~						
TR-7	0.130	R1197-332	516-823	150	1015	-22.5	1016	-22.5	1047	-29	1053	-4	0.1	Purge @ 1046 w/ Syringe
TR-7-REP	0.130	R1218-2551	316-726	150	1017	-22	1018	-22	1056	-29.5	1102	-4	0.1	" " " " "

1. Purge volume is three casing voiumes
2. Shut-In test to be completed for 1 minute with less than 0.5 in water (~0 in Hg) pressure drop, manifold will not be used if a pressure drop is observed.

Table 1
Calculation of Purge Volumes for Soil-Vapor Sampling

Well No.	Well / Monitoring Point Construction Details				Volume Calculations			Purge Volumes			Purge Volumes w/o Annular						3X Purge Volume w/ Annular		
	Borehole Dia. (in.)	O.D. of casing (in)	No. of casings	Well / tubing I.D. (in.)	Volume of Sample Train (L)	Volume of Well / Mon. Point (ft^3)	Volume of Well / Mon. Point (L)	1X Purge Volume (Annular Air Vol. + Well) (L)	3X Purge Volume (Annular Air Vol. + Well) (L)	7X Purge Volume (Annular Air Vol. + Well) (L)	1X Purge Volume (Air Vol. + Well) (L)	3X Purge Volume (Air Vol. + Well) (L)	7X Purge Volume (Air Vol. + Well) (L)	**1X Purge** - # of 60 ml Syringe	**1X Purge** - Minutes of Vacuum Pump (10/min)	**1X Purge** - Seconds of Blower (200/min)	**3X Purge** - # of 60 ml Syringe	**3X Purge** - Minutes of Vacuum Pump (10/min)	**3X Purge** - Seconds of Blower (200/min)
VEW-1A	4	2.38	2	2	0.0290	0.65450	18.533	26.29	78.86	184.01	18.56	55.69	129.94	309.37	1.86	5.57	1314	8	24
VEW-1B	4	2.38	1	2	0.0290	1.41808	40.155	60.66	181.99	424.65	40.18	120.55	281.29	669.74	4.02	12.06	3033	18	55
VEW-2A	10	2.38	2	2	0.0290	0.65450	18.533	161.06	483.19	1127.45	18.56	55.69	129.94	309.37	1.86	5.57	8053	48	145
VEW-2B	10	2.38	1	2	0.0290	1.41808	40.155	223.81	671.42	1566.65	40.18	120.55	281.29	669.74	4.02	12.06	11190	67	201
VEW-3A	10	2.38	2	2	0.0290	0.65450	18.533	161.06	483.19	1127.45	18.56	55.69	129.94	309.37	1.86	5.57	8053	48	145
VEW-3B	10	2.38	1	2	0.0290	1.41808	40.155	223.81	671.42	1566.65	40.18	120.55	281.29	669.74	4.02	12.06	11190	67	201
VMP-1-10	6	0.25	4	0.19	0.0290	0.00202	0.057	3.40	10.20	23.79	0.09	0.26	0.60	1.44	0.01	---	170	1	---
VMP-1-30	6	0.25	3	0.19	0.0290	0.00596	0.169	3.96	11.88	27.71	0.20	0.59	1.38	3.29	0.02	---	198	1	---
VMP-1-50	6	0.25	2	0.19	0.0290	0.00989	0.280	3.63	10.90	25.43	0.31	0.93	2.16	5.15	0.03	---	182	1	---
VMP-1-60	6	0.25	1	0.19	0.0290	0.01186	0.336	3.70	11.09	25.87	0.36	1.09	2.55	6.08	0.04	---	185	1	---
TR-7	0.30	0.25	1	0.19	0.0415	0.00008	0.002	0.04	0.13	0.31	0.04	0.13	0.31	0.73	0.00	---	2	0	---

Note: Purge volumes were established in accordance with the July 2015 Department of Toxic Substances Control (DTSC) VI Active Soil Guidance Advisory (DTSC 2015):
"A default of three purge volumes should be used. Purge volume testing is no longer recommended. One purge volume includes the following:
- The internal volume of The tubing and probe tip.
- The void space of the sand pack around the probe tip.
- The voic space of the dry bentonite in the annular space."

ATTACHMENT B

LABORATORY ANALYTICAL RESULTS

McCampbell Analytical, Inc.

"When Quality Counts"

Analytical Report

WorkOrder: 1806C28

Report Created for: Northgate Environmental Mngmnt, Inc.

428 13th Street, 4th Floor
Oakland, CA 94612

Project Contact: Axel Rieke
Project P.O.:
Project: 1241.03; Westlake

Project Received: 06/25/2018

Analytical Report reviewed & approved for release on 06/29/2018 by:



Jennifer Lagerbom
Project Manager

The report shall not be reproduced except in full, without the written approval of the laboratory. The analytical results relate only to the items tested. Results reported conform to the most current NELAP standards, where applicable, unless otherwise stated in the case narrative.



McCampbell Analytical, Inc.
"When Quality Counts"

1534 Willow Pass Road, Pittsburg, CA 94565-1701
Toll Free Telephone: (877) 252-9262 / Fax: (925) 252-9269
http://www.mccampbell.com / E-mail: main@mccampbell.com

Glossary of Terms & Qualifier Definitions

Client: Northgate Environmental Mngmnt, Inc.
Project: 1241.03; Westlake
WorkOrder: 1806C28

Glossary Abbreviation

%D	Serial Dilution Percent Difference
95% Interval	95% Confident Interval
DF	Dilution Factor
DI WET	(DISTLC) Waste Extraction Test using DI water
DISS	Dissolved (direct analysis of 0.45 µm filtered and acidified water sample)
DLT	Dilution Test (Serial Dilution)
DUP	Duplicate
EDL	Estimated Detection Limit
ERS	External reference sample. Second source calibration verification.
ITEF	International Toxicity Equivalence Factor
LCS	Laboratory Control Sample
MB	Method Blank
MB % Rec	% Recovery of Surrogate in Method Blank, if applicable
MDL	Method Detection Limit
ML	Minimum Level of Quantitation
MS	Matrix Spike
MSD	Matrix Spike Duplicate
N/A	Not Applicable
ND	Not detected at or above the indicated MDL or RL
NR	Data Not Reported due to matrix interference or insufficient sample amount.
PDS	Post Digestion Spike
PDSD	Post Digestion Spike Duplicate
PF	Prep Factor
RD	Relative Difference
RL	Reporting Limit (The RL is the lowest calibration standard in a multipoint calibration.)
RPD	Relative Percent Deviation
RRT	Relative Retention Time
SPK Val	Spike Value
SPKRef Val	Spike Reference Value
SPLP	Synthetic Precipitation Leachate Procedure
ST	Sorbent Tube
TCLP	Toxicity Characteristic Leachate Procedure
TEQ	Toxicity Equivalents
WET (STLC)	Waste Extraction Test (Soluble Threshold Limit Concentration)

Analytical Qualifiers

j1	See attached narrative

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1534 Willow Pass Road, Pittsburg, CA 94565-1701
Toll Free Telephone: (877) 252-9262 / Fax: (925) 252-9269
http://www.mccampbell.com / E-mail: main@mccampbell.com

Case Narrative

Client: Northgate Environmental Mngmnt, Inc. **Work Order:** 1806C28
Project: 1241.03; Westlake June 29, 2018

TO-15 ANALYSIS

All summa canisters are EVACUATED 5 days after the reporting of the results. Please call or email if a longer retention time is required.

Polymer (Tedlar) bags are not recommended for TO15 samples. The disadvantages are listed in Appendix B of the DTSC Active Soil Gas Advisory of July 2015.

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1534 Willow Pass Road, Pittsburg, CA 94565-1701
Toll Free Telephone: (877) 252-9262 / Fax: (925) 252-9269
http://www.mccampbell.com / E-mail: main@mccampbell.com

Analytical Report

Client:	Northgate Environmental Mngmnt, Inc.	**WorkOrder:**	1806C28
Date Received:	6/25/18 15:35	**Extraction Method:**	TO15
Date Prepared:	6/28/18	**Analytical Method:**	TO15
Project:	1241.03; Westlake	**Unit:**	µg/m³

Leak Check Compound

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
TR-7	1806C28-001A	SoilGas	06/20/2018 11:13	GC24 06271820A.	160607

Initial Pressure (psia)	Final Pressure (psia)	Analyst(s)
13.31	26.58	HK

Analytes	Result	RL	DF	Date Analyzed
Isopropyl Alcohol	ND	100	2	06/28/2018 02:58

Surrogates	REC (%)	Limits	
1,2-DCA-d4	84	70-130	06/28/2018 02:58

Analytical Comments: j1

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
TR-7-Dup	1806C28-002A	SoilGas	06/20/2018 11:13	GC24 06271821A.	160607

Initial Pressure (psia)	Final Pressure (psia)	Analyst(s)
13.23	26.46	HK

Analytes	Result	RL	DF	Date Analyzed
Isopropyl Alcohol	ND	100	2	06/28/2018 03:38

Surrogates	REC (%)	Limits	
1,2-DCA-d4	84	70-130	06/28/2018 03:38

Analytical Comments: j1

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Analytical Report

Client:	Northgate Environmental Mngmnt, Inc.	**WorkOrder:**	1806C28
Date Received:	6/25/18 15:35	**Extraction Method:**	TO15
Date Prepared:	6/28/18	**Analytical Method:**	TO15
Project:	1241.03; Westlake	**Unit:**	µg/m³

Volatile Organic Compounds

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
TR-7	1806C28-001A	SoilGas	06/20/2018 11:13	GC24 06271820.D	160607

Initial Pressure (psia)	Final Pressure (psia)	Analyst(s)
13.31	26.58	HK

Analytes	Result	RL	DF	Date Analyzed
Acetone	ND	120	2	06/28/2018 02:58
Acrolein	ND	12	2	06/28/2018 02:58
Acrylonitrile	ND	2.2	2	06/28/2018 02:58
tert-Amyl methyl ether (TAME)	ND	4.2	2	06/28/2018 02:58
Benzene	ND	3.2	2	06/28/2018 02:58
Benzyl chloride	ND	5.3	2	06/28/2018 02:58
Bromodichloromethane	ND	7.0	2	06/28/2018 02:58
Bromoform	ND	10	2	06/28/2018 02:58
Bromomethane	ND	3.9	2	06/28/2018 02:58
1,3-Butadiene	ND	2.2	2	06/28/2018 02:58
2-Butanone (MEK)	ND	150	2	06/28/2018 02:58
t-Butyl alcohol (TBA)	ND	62	2	06/28/2018 02:58
Carbon Disulfide	ND	3.2	2	06/28/2018 02:58
Carbon Tetrachloride	ND	6.4	2	06/28/2018 02:58
Chlorobenzene	ND	4.7	2	06/28/2018 02:58
Chloroethane	ND	2.7	2	06/28/2018 02:58
Chloroform	ND	4.9	2	06/28/2018 02:58
Chloromethane	ND	2.1	2	06/28/2018 02:58
Cyclohexane	ND	35	2	06/28/2018 02:58
Dibromochloromethane	ND	8.7	2	06/28/2018 02:58
1,2-Dibromo-3-chloropropane	ND	0.25	2	06/28/2018 02:58
1,2-Dibromoethane (EDB)	ND	7.8	2	06/28/2018 02:58
1,2-Dichlorobenzene	ND	6.1	2	06/28/2018 02:58
1,3-Dichlorobenzene	ND	6.1	2	06/28/2018 02:58
1,4-Dichlorobenzene	ND	6.1	2	06/28/2018 02:58
Dichlorodifluoromethane	ND	5.0	2	06/28/2018 02:58
1,1-Dichloroethane	ND	4.1	2	06/28/2018 02:58
1,2-Dichloroethane (1,2-DCA)	ND	4.1	2	06/28/2018 02:58
1,1-Dichloroethene	ND	4.0	2	06/28/2018 02:58
cis-1,2-Dichloroethene	ND	4.0	2	06/28/2018 02:58
trans-1,2-Dichloroethene	ND	4.0	2	06/28/2018 02:58
1,2-Dichloropropane	ND	4.7	2	06/28/2018 02:58
cis-1,3-Dichloropropene	ND	4.6	2	06/28/2018 02:58

(Cont.)

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Analytical Report

Client:	Northgate Environmental Mngmnt, Inc.	**WorkOrder:**	1806C28
Date Received:	6/25/18 15:35	**Extraction Method:**	TO15
Date Prepared:	6/28/18	**Analytical Method:**	TO15
Project:	1241.03; Westlake	**Unit:**	µg/m³

Volatile Organic Compounds

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
TR-7	1806C28-001A	SoilGas	06/20/2018 11:13	GC24 06271820.D	160607

Initial Pressure (psia)	Final Pressure (psia)	Analyst(s)
13.31	26.58	HK

Analytes	Result	RL	DF	Date Analyzed
trans-1,3-Dichloropropene	ND	4.6	2	06/28/2018 02:58
1,2-Dichloro-1,1,2,2-tetrafluoroethane	ND	7.1	2	06/28/2018 02:58
Diisopropyl ether (DIPE)	ND	4.2	2	06/28/2018 02:58
1,4-Dioxane	ND	3.7	2	06/28/2018 02:58
Ethanol	ND	190	2	06/28/2018 02:58
Ethyl acetate	ND	3.7	2	06/28/2018 02:58
Ethyl tert-butyl ether (ETBE)	ND	4.2	2	06/28/2018 02:58
Ethylbenzene	ND	4.4	2	06/28/2018 02:58
4-Ethyltoluene	ND	5.0	2	06/28/2018 02:58
Freon 113	ND	7.8	2	06/28/2018 02:58
Heptane	ND	42	2	06/28/2018 02:58
Hexachlorobutadiene	ND	11	2	06/28/2018 02:58
Hexane	ND	36	2	06/28/2018 02:58
2-Hexanone	ND	4.2	2	06/28/2018 02:58
4-Methyl-2-pentanone (MIBK)	ND	4.2	2	06/28/2018 02:58
Methyl-t-butyl ether (MTBE)	ND	3.7	2	06/28/2018 02:58
Methylene chloride	ND	18	2	06/28/2018 02:58
Methyl methacrylate	ND	4.2	2	06/28/2018 02:58
Naphthalene	ND	11	2	06/28/2018 02:58
Propene	ND	180	2	06/28/2018 02:58
Styrene	ND	4.3	2	06/28/2018 02:58
1,1,1,2-Tetrachloroethane	ND	7.0	2	06/28/2018 02:58
1,1,2,2-Tetrachloroethane	ND	7.0	2	06/28/2018 02:58
Tetrachloroethene	**2100**	6.9	2	06/28/2018 02:58
Tetrahydrofuran	ND	6.0	2	06/28/2018 02:58
Toluene	ND	3.8	2	06/28/2018 02:58
1,2,4-Trichlorobenzene	ND	7.5	2	06/28/2018 02:58
1,1,1-Trichloroethane	ND	5.5	2	06/28/2018 02:58
1,1,2-Trichloroethane	ND	5.5	2	06/28/2018 02:58
Trichloroethene	ND	5.5	2	06/28/2018 02:58
Trichlorofluoromethane	ND	5.7	2	06/28/2018 02:58
1,2,4-Trimethylbenzene	ND	5.0	2	06/28/2018 02:58
1,3,5-Trimethylbenzene	ND	5.0	2	06/28/2018 02:58

(Cont.)

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Toll Free Telephone: (877) 252-9262 / Fax: (925) 252-9269
http://www.mccampbell.com / E-mail: main@mccampbell.com

Analytical Report

Client:	Northgate Environmental Mngmnt, Inc.	**WorkOrder:**	1806C28
Date Received:	6/25/18 15:35	**Extraction Method:**	TO15
Date Prepared:	6/28/18	**Analytical Method:**	TO15
Project:	1241.03; Westlake	**Unit:**	µg/m³

Volatile Organic Compounds

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
TR-7	1806C28-001A	SoilGas	06/20/2018 11:13	GC24 06271820.D	160607

Initial Pressure (psia)	Final Pressure (psia)	Analyst(s)
13.31	26.58	HK

Analytes	Result	RL	DF	Date Analyzed
Vinyl Acetate	ND	36	2	06/28/2018 02:58
Vinyl Chloride	ND	2.6	2	06/28/2018 02:58
Xylenes, Total	ND	13	2	06/28/2018 02:58

Surrogates	REC (%)	Limits	
1,2-DCA-d4	84	70-130	06/28/2018 02:58
Toluene-d8	95	70-130	06/28/2018 02:58
4-BFB	98	70-130	06/28/2018 02:58

Analytical Comments: j1

(Cont.)

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1534 Willow Pass Road, Pittsburg, CA 94565-1701
Toll Free Telephone: (877) 252-9262 / Fax: (925) 252-9269
http://www.mccampbell.com / E-mail: main@mccampbell.com

Analytical Report

Client:	Northgate Environmental Mngmnt, Inc.	**WorkOrder:**	1806C28
Date Received:	6/25/18 15:35	**Extraction Method:**	TO15
Date Prepared:	6/28/18	**Analytical Method:**	TO15
Project:	1241.03; Westlake	**Unit:**	µg/m³

Volatile Organic Compounds

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
TR-7-Dup	1806C28-002A	SoilGas	06/20/2018 11:13	GC24 06271821.D	160607

Initial Pressure (psia)	Final Pressure (psia)	Analyst(s)
13.23	26.46	HK

Analytes	Result	RL	DF	Date Analyzed
Acetone	ND	120	2	06/28/2018 03:38
Acrolein	ND	12	2	06/28/2018 03:38
Acrylonitrile	ND	2.2	2	06/28/2018 03:38
tert-Amyl methyl ether (TAME)	ND	4.2	2	06/28/2018 03:38
Benzene	ND	3.2	2	06/28/2018 03:38
Benzyl chloride	ND	5.3	2	06/28/2018 03:38
Bromodichloromethane	ND	7.0	2	06/28/2018 03:38
Bromoform	ND	10	2	06/28/2018 03:38
Bromomethane	ND	3.9	2	06/28/2018 03:38
1,3-Butadiene	ND	2.2	2	06/28/2018 03:38
2-Butanone (MEK)	ND	150	2	06/28/2018 03:38
t-Butyl alcohol (TBA)	ND	62	2	06/28/2018 03:38
Carbon Disulfide	ND	3.2	2	06/28/2018 03:38
Carbon Tetrachloride	ND	6.4	2	06/28/2018 03:38
Chlorobenzene	ND	4.7	2	06/28/2018 03:38
Chloroethane	ND	2.7	2	06/28/2018 03:38
Chloroform	ND	4.9	2	06/28/2018 03:38
Chloromethane	ND	2.1	2	06/28/2018 03:38
Cyclohexane	ND	35	2	06/28/2018 03:38
Dibromochloromethane	ND	8.7	2	06/28/2018 03:38
1,2-Dibromo-3-chloropropane	ND	0.25	2	06/28/2018 03:38
1,2-Dibromoethane (EDB)	ND	7.8	2	06/28/2018 03:38
1,2-Dichlorobenzene	ND	6.1	2	06/28/2018 03:38
1,3-Dichlorobenzene	ND	6.1	2	06/28/2018 03:38
1,4-Dichlorobenzene	ND	6.1	2	06/28/2018 03:38
Dichlorodifluoromethane	ND	5.0	2	06/28/2018 03:38
1,1-Dichloroethane	ND	4.1	2	06/28/2018 03:38
1,2-Dichloroethane (1,2-DCA)	ND	4.1	2	06/28/2018 03:38
1,1-Dichloroethene	ND	4.0	2	06/28/2018 03:38
cis-1,2-Dichloroethene	ND	4.0	2	06/28/2018 03:38
trans-1,2-Dichloroethene	ND	4.0	2	06/28/2018 03:38
1,2-Dichloropropane	ND	4.7	2	06/28/2018 03:38
cis-1,3-Dichloropropene	ND	4.6	2	06/28/2018 03:38

(Cont.)

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Analytical Report

Client:	Northgate Environmental Mngmnt, Inc.	**WorkOrder:**	1806C28
Date Received:	6/25/18 15:35	**Extraction Method:**	TO15
Date Prepared:	6/28/18	**Analytical Method:**	TO15
Project:	1241.03; Westlake	**Unit:**	µg/m³

Volatile Organic Compounds

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
TR-7-Dup	1806C28-002A	SoilGas	06/20/2018 11:13	GC24 06271821.D	160607

Initial Pressure (psia)	Final Pressure (psia)	Analyst(s)
13.23	26.46	HK

Analytes	Result	RL	DF	Date Analyzed
trans-1,3-Dichloropropene	ND	4.6	2	06/28/2018 03:38
1,2-Dichloro-1,1,2,2-tetrafluoroethane	ND	7.1	2	06/28/2018 03:38
Diisopropyl ether (DIPE)	ND	4.2	2	06/28/2018 03:38
1,4-Dioxane	ND	3.7	2	06/28/2018 03:38
Ethanol	ND	190	2	06/28/2018 03:38
Ethyl acetate	ND	3.7	2	06/28/2018 03:38
Ethyl tert-butyl ether (ETBE)	ND	4.2	2	06/28/2018 03:38
Ethylbenzene	ND	4.4	2	06/28/2018 03:38
4-Ethyltoluene	ND	5.0	2	06/28/2018 03:38
Freon 113	ND	7.8	2	06/28/2018 03:38
Heptane	ND	42	2	06/28/2018 03:38
Hexachlorobutadiene	ND	11	2	06/28/2018 03:38
Hexane	ND	36	2	06/28/2018 03:38
2-Hexanone	ND	4.2	2	06/28/2018 03:38
4-Methyl-2-pentanone (MIBK)	ND	4.2	2	06/28/2018 03:38
Methyl-t-butyl ether (MTBE)	ND	3.7	2	06/28/2018 03:38
Methylene chloride	ND	18	2	06/28/2018 03:38
Methyl methacrylate	ND	4.2	2	06/28/2018 03:38
Naphthalene	ND	11	2	06/28/2018 03:38
Propene	ND	180	2	06/28/2018 03:38
Styrene	ND	4.3	2	06/28/2018 03:38
1,1,1,2-Tetrachloroethane	ND	7.0	2	06/28/2018 03:38
1,1,2,2-Tetrachloroethane	ND	7.0	2	06/28/2018 03:38
Tetrachloroethene	**2100**	6.9	2	06/28/2018 03:38
Tetrahydrofuran	ND	6.0	2	06/28/2018 03:38
Toluene	ND	3.8	2	06/28/2018 03:38
1,2,4-Trichlorobenzene	ND	7.5	2	06/28/2018 03:38
1,1,1-Trichloroethane	ND	5.5	2	06/28/2018 03:38
1,1,2-Trichloroethane	ND	5.5	2	06/28/2018 03:38
Trichloroethene	ND	5.5	2	06/28/2018 03:38
Trichlorofluoromethane	ND	5.7	2	06/28/2018 03:38
1,2,4-Trimethylbenzene	ND	5.0	2	06/28/2018 03:38
1,3,5-Trimethylbenzene	ND	5.0	2	06/28/2018 03:38

(Cont.)

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Analytical Report

Client:	Northgate Environmental Mngmnt, Inc.	**WorkOrder:**	1806C28
Date Received:	6/25/18 15:35	**Extraction Method:**	TO15
Date Prepared:	6/28/18	**Analytical Method:**	TO15
Project:	1241.03; Westlake	**Unit:**	µg/m³

Volatile Organic Compounds

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
TR-7-Dup	1806C28-002A	SoilGas	06/20/2018 11:13	GC24 06271821.D	160607

Initial Pressure (psia)	Final Pressure (psia)	Analyst(s)
13.23	26.46	HK

Analytes	Result	RL	DF	Date Analyzed
Vinyl Acetate	ND	36	2	06/28/2018 03:38
Vinyl Chloride	ND	2.6	2	06/28/2018 03:38
Xylenes, Total	ND	13	2	06/28/2018 03:38

Surrogates	REC (%)	Limits	
1,2-DCA-d4	84	70-130	06/28/2018 03:38
Toluene-d8	95	70-130	06/28/2018 03:38
4-BFB	95	70-130	06/28/2018 03:38

Analytical Comments: j1

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Quality Control Report

Client:	Northgate Environmental Mngmnt, Inc.	**WorkOrder:**	1806C28
Date Prepared:	6/26/18	**BatchID:**	160607
Date Analyzed:	6/26/18	**Extraction Method:**	TO15
Instrument:	GC29	**Analytical Method:**	TO15
Matrix:	SoilGas	**Unit:**	µg/m³
Project:	1241.03; Westlake	**Sample ID:**	MB/LCS-160607

QC Summary Report for TO15

Analyte	MB Result	LCS Result	RL	SPK Val	MB SS %REC	LCS %REC	LCS Limits
Acetone	ND	56.6	30	60	-	94	60-140
Acrolein	ND	57.2	2.9	58.25	-	98	60-140
Acrylonitrile	ND	56.1	0.55	55	-	102	60-140
tert-Amyl methyl ether (TAME)	ND	102	1.0	105	-	97	60-140
Benzene	ND	74.7	0.80	80	-	93	60-140
Benzyl chloride	ND	131	1.3	132.5	-	99	60-140
Bromodichloromethane	ND	173	1.8	175	-	99	60-140
Bromoform	ND	249	2.6	262.5	-	95	60-140
Bromomethane	ND	86.6	1.0	97.5	-	89	60-140
1,3-Butadiene	ND	48.1	0.55	55	-	87	60-140
2-Butanone (MEK)	ND	74.7	38	75	-	100	60-140
t-Butyl alcohol (TBA)	ND	81.8	16	77.5	-	106	60-140
Carbon Disulfide	ND	79.0	0.80	80	-	99	60-140
Carbon Tetrachloride	ND	174	1.6	160	-	109	60-140
Chlorobenzene	ND	114	1.2	117.5	-	97	60-140
Chloroethane	ND	64.7	0.65	67.5	-	96	60-140
Chloroform	ND	111	1.2	122.5	-	91	60-140
Chloromethane	ND	51.5	0.50	52.5	-	98	60-140
Cyclohexane	ND	80.5	9.0	87.5	-	92	60-140
Dibromochloromethane	ND	208	2.2	217.5	-	96	60-140
1,2-Dibromo-3-chloropropane	ND	247	0.060	245	-	101	60-140
1,2-Dibromoethane (EDB)	ND	183	2.0	195	-	94	60-140
1,2-Dichlorobenzene	ND	156	1.5	152.5	-	103	60-140
1,3-Dichlorobenzene	ND	161	1.5	152.5	-	105	60-140
1,4-Dichlorobenzene	ND	162	1.5	152.5	-	106	60-140
Dichlorodifluoromethane	ND	122	1.2	125	-	97	60-140
1,1-Dichloroethane	ND	99.9	1.0	102.5	-	97	60-140
1,2-Dichloroethane (1,2-DCA)	ND	101	1.0	102.5	-	98	60-140
1,1-Dichloroethene	ND	93.0	1.0	100	-	93	60-140
cis-1,2-Dichloroethene	ND	98.5	1.0	100	-	98	60-140
trans-1,2-Dichloroethene	ND	99.6	1.0	100	-	100	60-140
1,2-Dichloropropane	ND	107	1.2	117.5	-	91	60-140
cis-1,3-Dichloropropene	ND	120	1.2	115	-	104	60-140
trans-1,3-Dichloropropene	ND	116	1.2	115	-	101	60-140
1,2-Dichloro-1,1,2,2-tetrafluoroethane	ND	158	1.8	177.5	-	89	60-140
Diisopropyl ether (DIPE)	ND	113	1.0	105	-	107	60-140
1,4-Dioxane	ND	88.8	0.90	92.5	-	96	60-140

(Cont.)

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Quality Control Report

Client:	Northgate Environmental Mngmnt, Inc.	**WorkOrder:**	1806C28
Date Prepared:	6/26/18	**BatchID:**	160607
Date Analyzed:	6/26/18	**Extraction Method:**	TO15
Instrument:	GC29	**Analytical Method:**	TO15
Matrix:	SoilGas	**Unit:**	µg/m³
Project:	1241.03; Westlake	**Sample ID:**	MB/LCS-160607

QC Summary Report for TO15

Analyte	MB Result	LCS Result	RL	SPK Val	MB SS %REC	LCS %REC	LCS Limits
Ethanol	ND	40.6	48	47.5	-	85	60-140
Ethyl acetate	ND	102	0.90	92.5	-	110	60-140
Ethyl tert-butyl ether (ETBE)	ND	107	1.0	105	-	102	60-140
Ethylbenzene	ND	111	1.1	110	-	101	60-140
4-Ethyltoluene	ND	136	1.2	125	-	109	60-140
Freon 113	ND	195	2.0	195	-	100	60-140
Heptane	ND	100	10	105	-	96	60-140
Hexachlorobutadiene	ND	255	2.7	270	-	94	60-140
Hexane	ND	90.9	9.0	90	-	101	60-140
2-Hexanone	ND	102	1.0	105	-	97	60-140
Isopropyl Alcohol	ND	59.4	25	62.5	-	95	60-140
4-Methyl-2-pentanone (MIBK)	ND	102	1.0	105	-	97	60-140
Methyl-t-butyl ether (MTBE)	ND	91.7	0.90	92.5	-	99	60-140
Methylene chloride	ND	83.4	4.4	87.5	-	95	60-140
Methyl methacrylate	ND	109	1.0	104	-	105	60-140
Naphthalene	ND	254	2.6	265	-	96	60-140
Propene	ND	41.8	44	42.5	-	98	60-140
Styrene	ND	106	1.1	107.5	-	98	60-140
1,1,1,2-Tetrachloroethane	ND	190	1.8	175	-	109	60-140
1,1,2,2-Tetrachloroethane	ND	174	1.8	175	-	99	60-140
Tetrachloroethene	ND	164	1.7	172	-	95	60-140
Tetrahydrofuran	ND	71.3	1.5	75	-	95	60-140
Toluene	ND	89.1	0.95	95	-	94	60-140
1,2,4-Trichlorobenzene	ND	225	1.9	187.5	-	120	60-140
1,1,1-Trichloroethane	ND	136	1.4	137.5	-	99	60-140
1,1,2-Trichloroethane	ND	127	1.4	137.5	-	92	60-140
Trichloroethene	ND	124	1.4	137.5	-	90	60-140
Trichlorofluoromethane	ND	142	1.4	142.5	-	100	60-140
1,2,4-Trimethylbenzene	ND	137	1.2	125	-	110	60-140
1,3,5-Trimethylbenzene	ND	139	1.2	125	-	112	60-140
Vinyl Acetate	ND	102	9.0	90	-	113	60-140
Vinyl Chloride	ND	55.2	0.65	65	-	85	60-140
Xylenes, Total	ND	345	3.3	330	-	105	60-140

(Cont.)

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Quality Control Report

Client:	Northgate Environmental Mngmnt, Inc.	**WorkOrder:**	1806C28
Date Prepared:	6/26/18	**BatchID:**	160607
Date Analyzed:	6/26/18	**Extraction Method:**	TO15
Instrument:	GC29	**Analytical Method:**	TO15
Matrix:	SoilGas	**Unit:**	µg/m³
Project:	1241.03; Westlake	**Sample ID:**	MB/LCS-160607

QC Summary Report for TO15

Analyte	MB Result	LCS Result	RL	SPK Val	MB SS %REC	LCS %REC	LCS Limits
Surrogate Recovery							
1,2-DCA-d4	498	498		500	100	100	70-130
Toluene-d8	484	484		500	97	97	70-130
4-BFB	501	506		500	100	101	70-130

McCampbell Analytical, Inc.
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(925) 252-9262

CHAIN-OF-CUSTODY RECORD

WorkOrder: 1806C28 **ClientCode: NGEM**

☐ WaterTrax ☐ WriteOn ☑ EDF ☐ Excel ☐ EQuIS ☑ Email ☐ HardCopy ☐ ThirdParty ☐ J-flag
☐ Detection Summary ☐ Dry-Weight

Report to:
Axel Rieke
Northgate Environmental Mngmnt, Inc.
428 13th Street, 4th Floor
Oakland, CA 94612
510-839-0688 FAX: 510-839-4350

Email: axel.rieke@ngem.com
cc/3rd Party:
PO:
Project: 1241.03; Westlake

Bill to:
Ronda
Northgate Environmental Mngmnt, Inc.
428 13th Street, 4th Floor
Oakland, CA 94612
randa.messih@ngem.com

Requested TAT: **5 days;**

Date Received: **06/25/2018**
Date Logged: **06/25/2018**

Lab ID	Client ID	Matrix	Collection Date	Hold	Requested Tests (See legend below)											
					1	2	3	4	5	6	7	8	9	10	11	12
1806C28-001	TR-7	SoilGas	6/20/2018 11:13	☐	A	A	A	A	A	A						
1806C28-002	TR-7-Dup	SoilGas	6/20/2018 11:13	☐		A	A	A	A	A						

Test Legend:

1	PREDF REPORT	2	TO15_HIGHLEVEL_SOIL(UG/M3)	3	TO15_HIGHLEVEL-LC_SOIL(UG/M3)	4	TO15_Scan-SIM_SOIL(UG/M3) [N]
5	TO15-8260_SOIL(UG/M3) [N]	6	TO15-LC_SOIL(UG/M3) [N]	7		8	
9		10		11		12	

Prepared by: Keylen Juarez

The following SampIDs: 001A, 002A contain testgroup TO15_SG(UG/M3).

Comments:

NOTE: Soil samples are discarded 60 days after results are reported unless other arrangements are made (Water samples are 30 days).
Hazardous samples will be returned to client or disposed of at client expense.

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WORK ORDER SUMMARY

Client Name: NORTHGATE ENVIRONMENTAL MNGMNT, INC. **Project:** 1241.03; Westlake **Work Order:** 1806C28
Client Contact: Axel Rieke **QC Level:** LEVEL 2
Contact's Email: axel.rieke@ngem.com **Comments** **Date Logged:** 6/25/2018

☐ WaterTrax ☐ WriteOn ☑ EDF ☐ Excel ☐ Fax ☑ Email ☐ HardCopy ☐ ThirdParty ☐ J-flag

Lab ID	Client ID	Matrix	Test Name	Containers /Composites	Bottle & Preservative	De-chlorinated	Collection Date & Time	TAT	Sediment Content	Hold	SubOut
1806C28-001A	TR-7	SoilGas	TO15 for Soil Vapor (Scan-SIM)	1	1L Summa	☐	6/20/2018 11:13	5 days		☐	
1806C28-002A	TR-7-Dup	SoilGas	TO15 for Soil Vapor (Scan-SIM)	1	1L Summa	☐	6/20/2018 11:13	5 days		☐	

NOTES: - STLC and TCLP extractions require 2 days to complete; therefore, all TATs begin after the extraction is completed (i.e., One-day TAT yields results in 3 days from sample submission).

- MAI assumes that all material present in the provided sampling container is considered part of the sample - MAI does not exclude any material from the sample prior to sample preparation unless requested in writing by the client.

Summa COC

MAI Work Order # 1806 C28

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CHAIN OF CUSTODY RECORD

Turn Around Time: 1 Day Rush | 2 Day Rush | 3 Day Rush | STD X | Quote #
J-Flag / MDL | ESL | Cleanup Approved | Bottle Order #
Delivery Format: PDF X | GeoTracker EDF X | EDD | Write On (DW) | EQuIS

Report To: Axel Rieke | Bill To: vanda@ngem.com
Company: Northgate Environmental
Email: axel.rieke@ngem.com
Alt Email: sarah.acker@ngem.com Tele: 5108390688
Project Name: Wojtlake Project#: 1241.03
Project Location: Daly City PO #
Sampler Signature:

SAMPLE ID Location / Field Point	Sampling Start Date	Sampling Start Time	End Time	Canister SN#	Sample Kit / Manifold #
TR-7	6/20/18	1101	1113	A7522-870	316-664
TR-7-DUP	6/20/18	1101	1113	J1986-1981	316-664

Analysis Requested

VOCs TO-15 (µg/m³) - See Notes	8010 by TO-15 (µg/m³)	TPH(g) (µg/m³)	LEED: (inc. 4PCH, Formaldehyde, CO, Total VOCs)	Fixed Gas (CO_2, Methane, Ethane, Ethylene, Acetylene,Propane, CO) %	Fixed Gas: (O_2, N_2) %	APH: Aliphatic and/or Aromatic (circle one) µg/m³	Helium Leak Check %	Leak Check (IPA, Norflorane, 1,1-difluroethane) µg/m³			Matrix: Soilgas	Matrix: Indoor Air	Matrix:	Canister Pressure / Vacuum: Initial	Canister Pressure / Vacuum: Final
X								X			X			-29.5	-4
X								X			X			-29.5	-4

Helium Shroud SN#

Leak Check Default is IPA

Notes: Please specify units if different than default: VOCs is reported in µg/m³, fixed is reported in %.

MAI clients MUST disclose any dangerous chemicals known to be present in their submitted samples in concentrations that may cause immediate harm or serious future health endangerment as a result of brief, gloved, open air, sample handling by MAI staff. Non-disclosure incurs an immediate $250 surcharge and the client is subject to full legal liability for harm suffered. Thank you for your understanding and for allowing us to work safely.

Relinquished By / Company Name	Date	Time	Received By / Company Name	Date	Time	Comments / Instructions
Sarah Acker / NGEM	6/20/18	1318		6/20/18	1318	
	6/25/18	11:11	LAP	6.25.18	1111	
LAP	6.25.18	1535		6.25.18	1535	

Page ___ of ___

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Sample Receipt Checklist

Client Name:	**Northgate Environmental Mngmnt, Inc.**	Date and Time Received	**6/25/2018 15:35**
Project:	**1241.03; Westlake**	Date Logged:	**6/25/2018**
		Received by:	Keylen Juarez
WorkOrder №:	**1806C28** Matrix SoilGas	Logged by:	Keylen Juarez
Carrier:	Lorenzo Perez (MAI Courier)		

Chain of Custody (COC) Information

Chain of custody present?	Yes	☑	No	☐		
Chain of custody signed when relinquished and received?	Yes	☑	No	☐		
Chain of custody agrees with sample labels?	Yes	☑	No	☐		
Sample IDs noted by Client on COC?	Yes	☑	No	☐		
Date and Time of collection noted by Client on COC?	Yes	☑	No	☐		
Sampler's name noted on COC?	Yes	☑	No	☐		
COC agrees with Quote?	Yes	☐	No	☐	NA	☑

Sample Receipt Information

Custody seals intact on shipping container/cooler?	Yes	☑	No	☐	NA	☐
Shipping container/cooler in good condition?	Yes	☑	No	☐		
Samples in proper containers/bottles?	Yes	☑	No	☐		
Sample containers intact?	Yes	☑	No	☐		
Sufficient sample volume for indicated test?	Yes	☑	No	☐		

Sample Preservation and Hold Time (HT) Information

All samples received within holding time?	Yes	☑	No	☐	NA	☐
Samples Received on Ice?	Yes	☐	No	☑		
Sample/Temp Blank temperature	Temp:				NA	☑
Water - VOA vials have zero headspace / no bubbles?	Yes	☐	No	☐	NA	☑
Sample labels checked for correct preservation?	Yes	☐	No	☑		
pH acceptable upon receipt (Metal: <2; 522: <4; 218.7: >8)?	Yes	☐	No	☐	NA	☑
UCMR Samples:						
pH tested and acceptable upon receipt (200.8: ≤2; 525.3: ≤4; 530: ≤7; 541: <3; 544: <6.5 & 7.5)?	Yes	☐	No	☐	NA	☑
Free Chlorine tested and acceptable upon receipt (<0.1mg/L)?	Yes	☐	No	☐	NA	☑

Comments

McCampbell Analytical, Inc.

"When Quality Counts"

Analytical Report

WorkOrder: 1812C45 A **Amended:** 01/10/2019

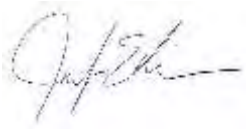
Report Created for: Northgate Environmental Mngmnt, Inc.

428 13th Street, 4th Floor
Oakland, CA 94612

Project Contact: Axel Rieke
Project P.O.:
Project: 1241.03; Westlake

Project Received: 12/21/2018

Analytical Report reviewed & approved for release on 12/31/2018 by:



Jennifer Lagerbom
Project Manager

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1534 Willow Pass Rd. Pittsburg, CA 94565 ♦ TEL: (877) 252-9262 ♦ FAX: (925) 252-9269 ♦ www.mccampbell.com
CA ELAP 1644 ♦ NELAP 4033 ORELAP

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1534 Willow Pass Road, Pittsburg, CA 94565-1701
Toll Free Telephone: (877) 252-9262 / Fax: (925) 252-9269
http://www.mccampbell.com / E-mail: main@mccampbell.com

Glossary of Terms & Qualifier Definitions

Client: Northgate Environmental Mngmnt, Inc.
Project: 1241.03; Westlak e
WorkOrder: 1812C45 A

Glossary Abbreviation

%D	Serial Dilution Percent Difference
95% Interval	95% Confident Interval
DF	Dilution Factor
DI WET	(DISTLC) Waste Extraction Test using DI water
DISS	Dissolved (direct analysis of 0.45 µm filtered and acidified water sample)
DLT	Dilution Test (Serial Dilution)
DUP	Duplicate
EDL	Estimated Detection Limit
ERS	External reference sample. Second source calibration verification.
ITEF	International Toxicity Equivalence Factor
LCS	Laboratory Control Sample
MB	Method Blank
MB % Rec	% Recovery of Surrogate in Method Blank, if applicable
MDL	Method Detection Limit
ML	Minimum Level of Quantitation
MS	Matrix Spike
MSD	Matrix Spike Duplicate
N/A	Not Applicable
ND	Not detected at or above the indicated MDL or RL
NR	Data Not Reported due to matrix interference or insufficient sample amount.
PDS	Post Digestion Spike
PDSD	Post Digestion Spike Duplicate
PF	Prep Factor
RD	Relative Difference
RL	Reporting Limit (The RL is the lowest calibration standard in a multipoint calibration.)
RPD	Relative Percent Deviation
RRT	Relative Retention Time
SPK Val	Spike Value
SPKRef Val	Spike Reference Value
SPLP	Synthetic Precipitation Leachate Procedure
ST	Sorbent Tube
TCLP	Toxicity Characteristic Leachate Procedure
TEQ	Toxicity Equivalents
TZA	TimeZone Net Adjustment for sample collected outside of MAI's UTC.
WET (STLC)	Waste Extraction Test (Soluble Threshold Limit Concentration)

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Project: 1241.03; Westlak e
WorkOrder: 1812C45 A

Analytical Qualifiers

j1	See attached narrative

Quality Control Qualifiers

F2	LCS/LCSD recovery and/or RPD/RSD is out of acceptance criteria.

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Case Narrative

Client: Northgate Environmental Mngmnt, Inc. **Work Order:** 1812C45
Project: 1241.03; Westlak e December 31, 2018

j1:

TO-15 ANALYSIS

All summa canisters are EVACUATED 5 days after the reporting of the results. Please call or email if a longer retention time is required.

Polymer (Tedlar) bags are not recommended for TO15 samples. The disadvantages are listed in Appendix B of the DTSC Active Soil Gas Advisory of July 2015.

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Analytical Report

Client:	Northgate Environmental Mngmnt, Inc.	**WorkOrder:**	1812C45
Date Received:	12/21/18 13:00	**Extraction Method:**	TO15
Date Prepared:	12/25/18	**Analytical Method:**	TO15
Project:	1241.03; Westlakk e	**Unit:**	µg/m³

Leak Check Compound

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
TR-7	1812C45-012A	Soil Vapor	12/12/2018 10:53	GC24 12241834A.	170627

Initial Pressure (psia)	Final Pressure (psia)	Analyst(s)
14.46	28.85	HK

Analytes	Result	RL	DF	Date Analyzed
Isopropyl Alcohol	ND	50	1	12/25/2018 13:08

Surrogates	REC (%)	Limits	
1,2-DCA-d4	100	70-130	12/25/2018 13:08

Analytical Comments: j1

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
TR-7-REP	1812C45-013A	Soil Vapor	12/12/2018 11:02	GC24 12241824A.	170627

Initial Pressure (psia)	Final Pressure (psia)	Analyst(s)
13.00	25.94	HK

Analytes	Result	RL	DF	Date Analyzed
Isopropyl Alcohol	ND	50	1	12/25/2018 06:27

Surrogates	REC (%)	Limits	
1,2-DCA-d4	98	70-130	12/25/2018 06:27

Analytical Comments: j1

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Analytical Report

Client:	Northgate Environmental Mngmnt, Inc.	**WorkOrder:**	1812C45
Date Received:	12/21/18 13:00	**Extraction Method:**	TO15
Date Prepared:	12/25/18	**Analytical Method:**	TO15
Project:	1241.03; Westlak e	**Unit:**	µg/m³

Volatile Organic Compounds

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
TR-7	1812C45-012A	Soil Vapor	12/12/2018 10:53	GC24 12241834.D	170627

Initial Pressure (psia)	Final Pressure (psia)	Analyst(s)
14.46	28.85	HK

Analytes	Result	RL	DF	Date Analyzed
Acetone	ND	60	1	12/25/2018 13:08
Acrolein	ND	5.8	1	12/25/2018 13:08
Acrylonitrile	ND	1.1	1	12/25/2018 13:08
tert-Amyl methyl ether (TAME)	ND	2.1	1	12/25/2018 13:08
Benzene	ND	1.6	1	12/25/2018 13:08
Benzyl chloride	ND	2.6	1	12/25/2018 13:08
Bromodichloromethane	ND	3.5	1	12/25/2018 13:08
Bromoform	ND	5.2	1	12/25/2018 13:08
Bromomethane	ND	2.0	1	12/25/2018 13:08
1,3-Butadiene	ND	1.1	1	12/25/2018 13:08
2-Butanone (MEK)	ND	75	1	12/25/2018 13:08
t-Butyl alcohol (TBA)	ND	31	1	12/25/2018 13:08
Carbon Disulfide	ND	1.6	1	12/25/2018 13:08
Carbon Tetrachloride	ND	3.2	1	12/25/2018 13:08
Chlorobenzene	ND	2.4	1	12/25/2018 13:08
Chloroethane	ND	1.3	1	12/25/2018 13:08
Chloroform	ND	2.4	1	12/25/2018 13:08
Chloromethane	ND	1.0	1	12/25/2018 13:08
Cyclohexane	ND	18	1	12/25/2018 13:08
Dibromochloromethane	ND	4.4	1	12/25/2018 13:08
1,2-Dibromo-3-chloropropane	ND	0.12	1	12/25/2018 13:08
1,2-Dibromoethane (EDB)	ND	3.9	1	12/25/2018 13:08
1,2-Dichlorobenzene	ND	3.0	1	12/25/2018 13:08
1,3-Dichlorobenzene	ND	3.0	1	12/25/2018 13:08
1,4-Dichlorobenzene	ND	3.0	1	12/25/2018 13:08
Dichlorodifluoromethane	ND	2.5	1	12/25/2018 13:08
1,1-Dichloroethane	ND	2.0	1	12/25/2018 13:08
1,2-Dichloroethane (1,2-DCA)	ND	2.0	1	12/25/2018 13:08
1,1-Dichloroethene	ND	2.0	1	12/25/2018 13:08
cis-1,2-Dichloroethene	ND	2.0	1	12/25/2018 13:08
trans-1,2-Dichloroethene	ND	2.0	1	12/25/2018 13:08
1,2-Dichloropropane	ND	2.4	1	12/25/2018 13:08
cis-1,3-Dichloropropene	ND	2.3	1	12/25/2018 13:08
trans-1,3-Dichloropropene	ND	2.3	1	12/25/2018 13:08

(Cont.)

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TR-7	1812C45-012A	Soil Vapor	12/12/2018 10:53	GC24 12241834.D	170627

Initial Pressure (psia)	Final Pressure (psia)	Analyst(s)
14.46	28.85	HK

Analytes	Result	RL	DF	Date Analyzed
1,2-Dichloro-1,1,2,2-tetrafluoroethane	ND	3.6	1	12/25/2018 13:08
Diisopropyl ether (DIPE)	ND	2.1	1	12/25/2018 13:08
1,4-Dioxane	ND	1.8	1	12/25/2018 13:08
Ethanol	ND	96	1	12/25/2018 13:08
Ethyl acetate	ND	1.8	1	12/25/2018 13:08
Ethyl tert-butyl ether (ETBE)	ND	2.1	1	12/25/2018 13:08
Ethylbenzene	ND	2.2	1	12/25/2018 13:08
4-Ethyltoluene	ND	2.5	1	12/25/2018 13:08
Freon 113	ND	3.9	1	12/25/2018 13:08
Heptane	ND	21	1	12/25/2018 13:08
Hexachlorobutadiene	ND	5.4	1	12/25/2018 13:08
Hexane	ND	18	1	12/25/2018 13:08
2-Hexanone	ND	2.1	1	12/25/2018 13:08
4-Methyl-2-pentanone (MIBK)	ND	2.1	1	12/25/2018 13:08
Methyl-t-butyl ether (MTBE)	ND	1.8	1	12/25/2018 13:08
Methylene chloride	ND	8.8	1	12/25/2018 13:08
Methyl methacrylate	ND	2.1	1	12/25/2018 13:08
Naphthalene	ND	5.3	1	12/25/2018 13:08
Propene	ND	88	1	12/25/2018 13:08
Styrene	ND	2.2	1	12/25/2018 13:08
1,1,1,2-Tetrachloroethane	ND	3.5	1	12/25/2018 13:08
1,1,2,2-Tetrachloroethane	ND	3.5	1	12/25/2018 13:08
Tetrachloroethene	**1500**	34	10	12/25/2018 05:08
Tetrahydrofuran	ND	3.0	1	12/25/2018 13:08
Toluene	ND	1.9	1	12/25/2018 13:08
1,2,4-Trichlorobenzene	ND	3.8	1	12/25/2018 13:08
1,1,1-Trichloroethane	ND	2.8	1	12/25/2018 13:08
1,1,2-Trichloroethane	ND	2.8	1	12/25/2018 13:08
Trichloroethene	ND	2.8	1	12/25/2018 13:08
Trichlorofluoromethane	ND	2.8	1	12/25/2018 13:08
1,2,4-Trimethylbenzene	ND	2.5	1	12/25/2018 13:08
1,3,5-Trimethylbenzene	ND	2.5	1	12/25/2018 13:08
Vinyl Acetate	ND	18	1	12/25/2018 13:08
Vinyl Chloride	ND	1.3	1	12/25/2018 13:08

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Initial Pressure (psia)	Final Pressure (psia)	Analyst(s)
14.46	28.85	HK

Analytes	Result	RL	DF	Date Analyzed
m,p-Xylene	ND	4.4	1	12/25/2018 13:08
o-Xylene	ND	2.2	1	12/25/2018 13:08
Xylenes, Total	ND	2.2	1	12/25/2018 13:08
Surrogates	**REC (%)**	**Limits**		
1,2-DCA-d4	100	70-130		12/25/2018 13:08
Toluene-d8	98	70-130		12/25/2018 13:08
4-BFB	97	70-130		12/25/2018 13:08

Analytical Comments: j1

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Acrylonitrile	ND	1.1	1	12/25/2018 06:27
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Benzene	ND	1.6	1	12/25/2018 06:27
Benzyl chloride	ND	2.6	1	12/25/2018 06:27
Bromodichloromethane	ND	3.5	1	12/25/2018 06:27
Bromoform	ND	5.2	1	12/25/2018 06:27
Bromomethane	ND	2.0	1	12/25/2018 06:27
1,3-Butadiene	ND	1.1	1	12/25/2018 06:27
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1,2-Dichloropropane	ND	2.4	1	12/25/2018 06:27
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Ethyl acetate	ND	1.8	1	12/25/2018 06:27
Ethyl tert-butyl ether (ETBE)	ND	2.1	1	12/25/2018 06:27
Ethylbenzene	ND	2.2	1	12/25/2018 06:27
4-Ethyltoluene	ND	2.5	1	12/25/2018 06:27
Freon 113	ND	3.9	1	12/25/2018 06:27
Heptane	ND	21	1	12/25/2018 06:27
Hexachlorobutadiene	ND	5.4	1	12/25/2018 06:27
Hexane	ND	18	1	12/25/2018 06:27
2-Hexanone	ND	2.1	1	12/25/2018 06:27
4-Methyl-2-pentanone (MIBK)	ND	2.1	1	12/25/2018 06:27
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Styrene	ND	2.2	1	12/25/2018 06:27
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1,1,2,2-Tetrachloroethane	ND	3.5	1	12/25/2018 06:27
Tetrachloroethene	**1700**	34	10	12/25/2018 05:47
Tetrahydrofuran	ND	3.0	1	12/25/2018 06:27
Toluene	ND	1.9	1	12/25/2018 06:27
1,2,4-Trichlorobenzene	ND	3.8	1	12/25/2018 06:27
1,1,1-Trichloroethane	ND	2.8	1	12/25/2018 06:27
1,1,2-Trichloroethane	ND	2.8	1	12/25/2018 06:27
Trichloroethene	ND	2.8	1	12/25/2018 06:27
Trichlorofluoromethane	ND	2.8	1	12/25/2018 06:27
1,2,4-Trimethylbenzene	ND	2.5	1	12/25/2018 06:27
1,3,5-Trimethylbenzene	ND	2.5	1	12/25/2018 06:27
Vinyl Acetate	ND	18	1	12/25/2018 06:27
Vinyl Chloride	ND	1.3	1	12/25/2018 06:27

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TR-7-REP	1812C45-013A	Soil Vapor	12/12/2018 11:02	GC24 12241824.D	170627

Initial Pressure (psia)	Final Pressure (psia)	Analyst(s)
13.00	25.94	HK

Analytes	Result	RL	DF	Date Analyzed
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o-Xylene	ND	2.2	1	12/25/2018 06:27
Xylenes, Total	ND	2.2	1	12/25/2018 06:27
Surrogates	**REC (%)**	**Limits**		
1,2-DCA-d4	98	70-130		12/25/2018 06:27
Toluene-d8	98	70-130		12/25/2018 06:27
4-BFB	98	70-130		12/25/2018 06:27

Analytical Comments: j1

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Quality Control Report

Client:	Northgate Environmental Mngmnt, Inc.	**WorkOrder:**	1812C45
Date Prepared:	12/24/18	**BatchID:**	170627
Date Analyzed:	12/24/18	**Extraction Method:**	TO15
Instrument:	GC24	**Analytical Method:**	TO15
Matrix:	SoilGas	**Unit:**	µg/m³
Project:	1241.03; Westlak e	**Sample ID:**	MB/LCS/LCSD-170627

QC Summary Report for TO15

Analyte	MB Result	RL	SPK Val	MB SS %REC	MB SS Limits
Acetone	ND	30	-	-	-
Acrolein	ND	2.9	-	-	-
Acrylonitrile	ND	0.55	-	-	-
tert-Amyl methyl ether (TAME)	ND	1.0	-	-	-
Benzene	ND	0.80	-	-	-
Benzyl chloride	ND	1.3	-	-	-
Bromodichloromethane	ND	1.8	-	-	-
Bromoform	ND	2.6	-	-	-
Bromomethane	ND	1.0	-	-	-
1,3-Butadiene	ND	0.55	-	-	-
2-Butanone (MEK)	ND	38	-	-	-
t-Butyl alcohol (TBA)	ND	16	-	-	-
Carbon Disulfide	ND	0.80	-	-	-
Carbon Tetrachloride	ND	1.6	-	-	-
Chlorobenzene	ND	1.2	-	-	-
Chloroethane	ND	0.65	-	-	-
Chloroform	ND	1.2	-	-	-
Chloromethane	ND	0.50	-	-	-
Cyclohexane	ND	9.0	-	-	-
Dibromochloromethane	ND	2.2	-	-	-
1,2-Dibromo-3-chloropropane	ND	0.060	-	-	-
1,2-Dibromoethane (EDB)	ND	2.0	-	-	-
1,2-Dichlorobenzene	ND	1.5	-	-	-
1,3-Dichlorobenzene	ND	1.5	-	-	-
1,4-Dichlorobenzene	ND	1.5	-	-	-
Dichlorodifluoromethane	ND	1.2	-	-	-
1,1-Dichloroethane	ND	1.0	-	-	-
1,2-Dichloroethane (1,2-DCA)	ND	1.0	-	-	-
1,1-Dichloroethene	ND	1.0	-	-	-
cis-1,2-Dichloroethene	ND	1.0	-	-	-
trans-1,2-Dichloroethene	ND	1.0	-	-	-
1,2-Dichloropropane	ND	1.2	-	-	-
cis-1,3-Dichloropropene	ND	1.2	-	-	-
trans-1,3-Dichloropropene	ND	1.2	-	-	-
1,2-Dichloro-1,1,2,2-tetrafluoroethane	ND	1.8	-	-	-
Diisopropyl ether (DIPE)	ND	1.0	-	-	-
1,4-Dioxane	ND	0.90	-	-	-
Ethanol	ND	48	-	-	-

(Cont.)

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Toll Free Telephone: (877) 252-9262 / Fax: (925) 252-9269
http://www.mccampbell.com / E-mail: main@mccampbell.com

Quality Control Report

Client:	Northgate Environmental Mngmnt, Inc.	**WorkOrder:**	1812C45
Date Prepared:	12/24/18	**BatchID:**	170627
Date Analyzed:	12/24/18	**Extraction Method:**	TO15
Instrument:	GC24	**Analytical Method:**	TO15
Matrix:	SoilGas	**Unit:**	µg/m³
Project:	1241.03; Westlak e	**Sample ID:**	MB/LCS/LCSD-170627

QC Summary Report for TO15

Analyte	MB Result	RL	SPK Val	MB SS %REC	MB SS Limits
Ethyl acetate	ND	0.90	-	-	-
Ethyl tert-butyl ether (ETBE)	ND	1.0	-	-	-
Ethylbenzene	ND	1.1	-	-	-
4-Ethyltoluene	ND	1.2	-	-	-
Freon 113	ND	2.0	-	-	-
Heptane	ND	10	-	-	-
Hexachlorobutadiene	ND	2.7	-	-	-
Hexane	ND	9.0	-	-	-
2-Hexanone	ND	1.0	-	-	-
Isopropyl Alcohol	ND	25	-	-	-
4-Methyl-2-pentanone (MIBK)	ND	1.0	-	-	-
Methyl-t-butyl ether (MTBE)	ND	0.90	-	-	-
Methylene chloride	ND	4.4	-	-	-
Methyl methacrylate	ND	1.0	-	-	-
Naphthalene	ND	2.6	-	-	-
Propene	ND	44	-	-	-
Styrene	ND	1.1	-	-	-
1,1,1,2-Tetrachloroethane	ND	1.8	-	-	-
1,1,2,2-Tetrachloroethane	ND	1.8	-	-	-
Tetrachloroethene	ND	1.7	-	-	-
Tetrahydrofuran	ND	1.5	-	-	-
Toluene	ND	0.95	-	-	-
1,2,4-Trichlorobenzene	ND	1.9	-	-	-
1,1,1-Trichloroethane	ND	1.4	-	-	-
1,1,2-Trichloroethane	ND	1.4	-	-	-
Trichloroethene	ND	1.4	-	-	-
Trichlorofluoromethane	ND	1.4	-	-	-
1,2,4-Trimethylbenzene	ND	1.2	-	-	-
1,3,5-Trimethylbenzene	ND	1.2	-	-	-
Vinyl Acetate	ND	9.0	-	-	-
Vinyl Chloride	ND	0.65	-	-	-
m,p-Xylene	ND	2.2	-	-	-
o-Xylene	ND	1.1	-	-	-
Xylenes, Total	ND	1.1	-	-	-

(Cont.)

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Quality Control Report

Client:	Northgate Environmental Mngmnt, Inc.	**WorkOrder:**	1812C45
Date Prepared:	12/24/18	**BatchID:**	170627
Date Analyzed:	12/24/18	**Extraction Method:**	TO15
Instrument:	GC24	**Analytical Method:**	TO15
Matrix:	SoilGas	**Unit:**	µg/m³
Project:	1241.03; Westlak e	**Sample ID:**	MB/LCS/LCSD-170627

QC Summary Report for TO15

Analyte	MB Result	RL	SPK Val	MB SS %REC	MB SS Limits
Surrogate Recovery					
1,2-DCA-d4	450		500	90	70-130
Toluene-d8	490		500	99	70-130
4-BFB	490		500	97	70-130

(Cont.)

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Quality Control Report

Client:	Northgate Environmental Mngmnt, Inc.	**WorkOrder:**	1812C45
Date Prepared:	12/24/18	**BatchID:**	170627
Date Analyzed:	12/24/18	**Extraction Method:**	TO15
Instrument:	GC24	**Analytical Method:**	TO15
Matrix:	SoilGas	**Unit:**	µg/m³
Project:	1241.03; Westlak e	**Sample ID:**	MB/LCS/LCSD-170627

QC Summary Report for TO15

Analyte	LCS Result	LCSD Result	SPK Val	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Limit
Acetone	5.7	6.8	6	95	114	60-140	18.0	30
Acrolein	5.2	6.3	5.8	90	108	60-140	18.4	30
Acrylonitrile	5.3	6.1	5.5	97	111	60-140	14.2	30
tert-Amyl methyl ether (TAME)	8.4	9.6	10.5	80	92	60-140	14.0	30
Benzene	7.0	8.1	8	87	102	60-140	15.2	30
Benzyl chloride	9.9	11	13.3	74	86	60-140	14.1	30
Bromodichloromethane	13	16	17.5	76	90	60-140	16.5	30
Bromoform	21	25	26.3	81	94	60-140	14.1	30
Bromomethane	7.7	9.0	9.8	78	91	60-140	15.5	30
1,3-Butadiene	4.4	6.1	5.5	80	111	60-140	32.3,F2	30
2-Butanone (MEK)	6.9	8.3	7.5	91	111	60-140	19.0	30
t-Butyl alcohol (TBA)	6.3	7.5	7.8	81	96	60-140	17.2	30
Carbon Disulfide	7.2	8.6	8	90	107	60-140	17.5	30
Carbon Tetrachloride	14	16	16	89	101	60-140	13.2	30
Chlorobenzene	10	12	11.8	84	98	60-140	14.4	30
Chloroethane	5.9	7.0	6.8	87	102	60-140	15.7	30
Chloroform	10	12	12.3	81	96	60-140	16.6	30
Chloromethane	4.6	5.4	5.3	87	103	60-140	16.7	30
Cyclohexane	7.5	8.9	8.8	85	101	60-140	17.0	30
Dibromochloromethane	20	23	21.8	91	105	60-140	14.7	30
1,2-Dibromo-3-chloropropane	20	24	24.5	83	97	60-140	15.4	30
1,2-Dibromoethane (EDB)	17	20	19.5	87	101	60-140	14.8	30
1,2-Dichlorobenzene	13	15	15.3	83	96	60-140	15.1	30
1,3-Dichlorobenzene	13	15	15.3	87	101	60-140	14.7	30
1,4-Dichlorobenzene	13	15	15.3	84	98	60-140	15.5	30
Dichlorodifluoromethane	11	14	12.5	92	110	60-140	18.3	30
1,1-Dichloroethane	8.9	10	10.3	87	101	60-140	15.6	30
1,2-Dichloroethane (1,2-DCA)	7.7	9.0	10.3	75	88	60-140	16.1	30
1,1-Dichloroethene	9.2	11	10	92	113	60-140	20.9	30
cis-1,2-Dichloroethene	8.9	11	10	89	106	60-140	18.3	30
trans-1,2-Dichloroethene	8.8	11	10	88	107	60-140	18.9	30
1,2-Dichloropropane	10	12	11.8	86	100	60-140	15.3	30
cis-1,3-Dichloropropene	9.9	11	11.5	86	97	60-140	12.7	30
trans-1,3-Dichloropropene	10	12	11.5	89	100	60-140	11.6	30
1,2-Dichloro-1,1,2,2-tetrafluoroethane	16	18	17.8	87	103	60-140	16.3	30
Diisopropyl ether (DIPE)	9.2	11	10.5	88	103	60-140	15.6	30
1,4-Dioxane	8.2	9.6	9.3	88	103	60-140	15.9	30
Ethanol	4.2	5.3	4.8	87	110	60-140	23.2	30

(Cont.)

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Quality Control Report

Client:	Northgate Environmental Mngmnt, Inc.	**WorkOrder:**	1812C45
Date Prepared:	12/24/18	**BatchID:**	170627
Date Analyzed:	12/24/18	**Extraction Method:**	TO15
Instrument:	GC24	**Analytical Method:**	TO15
Matrix:	SoilGas	**Unit:**	µg/m³
Project:	1241.03; Westlak e	**Sample ID:**	MB/LCS/LCSD-170627

QC Summary Report for TO15

Analyte	LCS Result	LCSD Result	SPK Val	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Limit
Ethyl acetate	8.1	9.5	9.3	87	102	60-140	15.6	30
Ethyl tert-butyl ether (ETBE)	8.8	10	10.5	84	99	60-140	16.0	30
Ethylbenzene	9.0	10	11	82	94	60-140	14.1	30
4-Ethyltoluene	10	12	12.5	83	97	60-140	14.9	30
Freon 113	17	20	19.5	88	103	60-140	15.6	30
Heptane	8.7	10	10.5	83	96	60-140	15.3	30
Hexachlorobutadiene	21	24	27	77	90	60-140	14.8	30
Hexane	8.7	10	9	97	114	60-140	16.0	30
2-Hexanone	9.4	11	10.5	89	103	60-140	14.0	30
Isopropyl Alcohol	5.3	6.2	6.3	84	98	60-140	15.5	30
4-Methyl-2-pentanone (MIBK)	8.6	9.9	10.5	82	94	60-140	14.2	30
Methyl-t-butyl ether (MTBE)	7.7	9.1	9.3	83	98	60-140	16.2	30
Methylene chloride	7.8	9.1	8.8	89	104	60-140	15.3	30
Methyl methacrylate	8.6	10	10.4	83	96	60-140	14.6	30
Naphthalene	23	28	26.5	88	104	60-140	17.4	30
Propene	3.8	5.0	4.3	87	115	60-140	27.4	30
Styrene	8.9	10	10.8	83	96	60-140	15.1	30
1,1,1,2-Tetrachloroethane	14	16	17.5	81	94	60-140	14.3	30
1,1,2,2-Tetrachloroethane	14	16	17.5	81	93	60-140	14.5	30
Tetrachloroethene	14	16	17.2	79	92	60-140	14.9	30
Tetrahydrofuran	6.3	7.8	7.5	84	104	60-140	20.4	30
Toluene	8.1	9.3	9.5	85	97	60-140	13.1	30
1,2,4-Trichlorobenzene	16	19	18.8	85	101	60-140	17.1	30
1,1,1-Trichloroethane	12	13	13.8	87	95	60-140	9.35	30
1,1,2-Trichloroethane	11	13	13.8	83	96	60-140	14.8	30
Trichloroethene	11	12	13.8	77	89	60-140	15.5	30
Trichlorofluoromethane	12	15	14.3	86	102	60-140	16.4	30
1,2,4-Trimethylbenzene	10	12	12.5	82	95	60-140	14.3	30
1,3,5-Trimethylbenzene	10	12	12.5	81	94	60-140	14.8	30
Vinyl Acetate	7.9	9.3	9	88	103	60-140	16.1	30
Vinyl Chloride	4.8	5.4	6.5	73	84	60-140	13.2	30
m,p-Xylene	18	21	22	82	95	60-140	14.4	30
o-Xylene	9.0	10	11	81	94	60-140	14.4	30
Xylenes, Total	27	31	33	82	95	60-140	14.4	30

(Cont.)

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Quality Control Report

Client:	Northgate Environmental Mngmnt, Inc.	**WorkOrder:**	1812C45
Date Prepared:	12/24/18	**BatchID:**	170627
Date Analyzed:	12/24/18	**Extraction Method:**	TO15
Instrument:	GC24	**Analytical Method:**	TO15
Matrix:	SoilGas	**Unit:**	µg/m³
Project:	1241.03; Westlak e	**Sample ID:**	MB/LCS/LCSD-170627

QC Summary Report for TO15

Analyte	LCS Result	LCSD Result	SPK Val	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Limit
Surrogate Recovery								
1,2-DCA-d4	490	500	500	98	100	70-130	1.41	30
Toluene-d8	500	500	500	100	100	70-130	0	30
4-BFB	490	500	500	98	100	70-130	1.76	30

McCampbell Analytical, Inc.
1534 Willow Pass Rd
Pittsburg, CA 94565-1701
(925) 252-9262

CHAIN-OF-CUSTODY RECORD

WorkOrder: 1812C45 A **ClientCode: NGEM**

☐ WaterTrax ☐ WriteOn ☑ EDF ☐ Excel ☐ EQuIS ☑ Email ☐ HardCopy ☐ ThirdParty ☐ J-flag
☐ Detection Summary ☐ Dry-Weight

Report to:
Axel Rieke
Northgate Environmental Mngmnt, Inc.
428 13th Street, 4th Floor
Oakland, CA 94612
510-839-0688 FAX: 510-839-4350

Email: axel.rieke@ngem.com
cc/3rd Party: sarah.acker@ngem.com;
PO:
Project: 1241.03; Westlake

Bill to:
Ronda
Northgate Environmental Mngmnt, Inc.
428 13th Street, 4th Floor
Oakland, CA 94612
randa.messih@ngem.com; milton.tso@

Requested TAT: 5 days;

Date Received: **12/21/2018**
Date Logged: **12/21/2018**
Date Add-On: **01/10/2019**

Lab ID	Client ID	Matrix	Collection Date	Hold	Requested Tests (See legend below) 1	2	3	4	5	6	7	8	9	10	11	12
1812C45-012	TR-7	Soil Vapor	12/12/2018 10:53	☐	A	A	A	A	A							
1812C45-013	TR-7-REP	Soil Vapor	12/12/2018 11:02	☐	A	A	A	A	A							

Test Legend:

1	TO15_HIGHLEVEL_SOIL(UG/M3)	2	TO15_HIGHLEVEL-LC_SOIL(UG/M3)	3	TO15_Scan-SIM_SOIL(UG/M3) [N]	4	TO15-8260_SOIL(UG/M3) [N]
5	TO15-LC_SOIL(UG/M3) [N]	6		7		8	
9		10		11		12	

Prepared by: Jena Alfaro

Add-On Prepared By: Jena Alfaro

Comments:

NOTE: Soil samples are discarded 60 days after results are reported unless other arrangements are made (Water samples are 30 days).
Hazardous samples will be returned to client or disposed of at client expense.

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WORK ORDER SUMMARY

Client Name: NORTHGATE ENVIRONMENTAL MNGMNT, INC **Project:** 1241.03; Westlake **Work Order:** 1812C45

Client Contact: Axel Rieke **QC Level:** LEVEL 2

Contact's Email axel.rieke@ngem.com **Comments:** **Date Logged:** 12/21/2018

Date Add-On: 1/10/2019

Lab ID	Client ID	Matrix	Test Name	Containers /Composites	Bottle & Preservative	Collection Date & Time	TAT	Sediment Content	Hold	SubOut
1812C45-012A	TR-7	Soil Vapor	TO15 for Soil Vapor (Scan-SIM)	1	1L Summa	12/12/2018 10:53	5 days		☐	
1812C45-013A	TR-7-REP	Soil Vapor	TO15 for Soil Vapor (Scan-SIM)	1	1L Summa	12/12/2018 11:02	5 days		☐	

NOTES: - STLC and TCLP extractions require 2 days to complete; therefore, all TATs begin after the extraction is completed (i.e., One-day TAT yields results in 3 days from sample submission).

- MAI assumes that all material present in the provided sampling container is considered part of the sample - MAI does not exclude any material from the sample prior to sample preparation unless requested in writing by the client.

Summa COC

MAI Work Order # _____

6

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CHAIN OF CUSTODY RECORD

Turn Around Time: 1 Day Rush | 2 Day Rush | 3 Day Rush | STD X | Quote #
J-Flag / MDL | ESL | Cleanup Approved | Bottle Order #
Delivery Format: PDF X | GeoTracker EDF X | EDD | Write On (DW) | EQuIS

Report To: axel. rieke | Bill To: randa@ngem.com
Company: Northgate Environmental Management
Email: axel.rieke@ngem.com
Alt Email: sarah.ackerman@ngem.com Tele: 510-839-0668
Project Name: Westlake Project#: 1241.03
Project Location: Daly City PO #
Sampler Signature:

Helium Shroud SN#

Leak Check Default is IPA

Notes: Please specify units if different than default: VOCs is reported in µg/m³, fixed is reported in %.

SAMPLE ID Location / Field Point	Sampling Start Date	Sampling Start Time	End Time	Canister SN#	Sample Kit / Manifold #	VOCs TO-15 (µg/m³) - See Notes	8010 by TO-15 (µg/m³)	TPH(g) (µg/m³)	LEED: (inc. 4PCH, Formaldehyde, CO, Total VOCs)	Fixed Gas (CO_2, Methane, Ethane, Ethylene, Acetylene, Propane, CO) %	Fixed Gas: (O_2, N_2) %	APH: Aliphatic and/or Aromatic (circle one) µg/m³	Helium Leak Check %	Leak Check (IPA, Norflorane, 1,1-difluroethane) µg/m³			Matrix: Soilgas	Matrix: Indoor Air	Matrix:	Canister Pressure / Vacuum: Initial	Canister Pressure / Vacuum: Final
TR-7	12/12/18	1047	1053	R1177-2552	316-823	X								X			X			-29	-4
TR-7-REP	12/12/18	1056	1102	R1218-2551	316-726	X								X			X			-29.5	-4

**MAI clients MUST disclose any dangerous chemicals known to be present in their submitted samples in concentrations that may cause immediate harm or serious future health endangerment as a result of brief, gloved, open air, sample handling by MAI staff. Non-disclosure incurs an immediate $250 surcharge and the client is subject to full legal liability for harm suffered. Thank you for your understanding and for allowing us to work safely.

Relinquished By / Company Name	Date	Time	Received By / Company Name	Date	Time	Comments / Instructions
/ NGEM	12/20/18	1452		12/20/18	1452	copy Sarah Ackerman report
	12/21/18	11:45				
CAP	12/21/18	1300		12/21/18	1300	

Page 1 of 1

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Sample Receipt Checklist

Client Name:	**Northgate Environmental Mngmnt, Inc.**	Date and Time Received	**12/21/2018 13:00**
Project:	**1241.03; Westlake**	Date Logged:	**12/21/2018**
		Received by:	Jena Alfaro
WorkOrder №:	**1812C45** Matrix: Water	Logged by:	Jena Alfaro
Carrier:	Lorenzo Perez (MAI Courier)		

Chain of Custody (COC) Information

Chain of custody present?	Yes	☑	No	☐	
Chain of custody signed when relinquished and received?	Yes	☑	No	☐	
Chain of custody agrees with sample labels?	Yes	☑	No	☐	
Sample IDs noted by Client on COC?	Yes	☑	No	☐	
Date and Time of collection noted by Client on COC?	Yes	☑	No	☐	
Sampler's name noted on COC?	Yes	☑	No	☐	
COC agrees with Quote?	Yes	☐	No	☐	NA ☑

Sample Receipt Information

Custody seals intact on shipping container/cooler?	Yes	☐	No	☐	NA ☑
Shipping container/cooler in good condition?	Yes	☑	No	☐	
Samples in proper containers/bottles?	Yes	☑	No	☐	
Sample containers intact?	Yes	☑	No	☐	
Sufficient sample volume for indicated test?	Yes	☑	No	☐	

Sample Preservation and Hold Time (HT) Information

All samples received within holding time?	Yes	☑	No	☐	NA ☐
Samples Received on Ice?	Yes	☐	No	☑	
Sample/Temp Blank temperature	Temp:				NA ☑
Water - VOA vials have zero headspace / no bubbles?	Yes	☐	No	☐	NA ☑
Sample labels checked for correct preservation?	Yes	☑	No	☐	
pH acceptable upon receipt (Metal: <2; Nitrate 353.2/4500NO3: <2; 522: <4; 218.7: >8)?	Yes	☐	No	☐	NA ☑
UCMR Samples:					
pH tested and acceptable upon receipt (200.8: ≤2; 525.3: ≤4; 530: ≤7; 541: <3; 544: <6.5 & 7.5)?	Yes	☐	No	☐	NA ☑
Free Chlorine tested and acceptable upon receipt (<0.1mg/L)?	Yes	☐	No	☐	NA ☑

Comments:

FA0057880 PR0080302

ENVIRONMENTAL HEALTH
SAN MATEO COUNTY

Protecting Our Health and Environment

Hazardous Waste Generator Inspection Report

San Mateo County Environmental Health Services Division
Certified Unified Program Agency (CUPA)
2000 Alameda de las Pulgas, Suite 100, San Mateo, CA 94403
Telephone: (650) 372-6200 Fax Number (650) 627-8244
www.smchealth.org/environ/toxic

Inspected By: L. Mejia P/E: 22 LQG On-site Recycler TP Date: 04/21/15

Facility Name: Burlington Store #182 EPA ID #: CAL000403215

Facility Address: 99 Southgate Ave City: Daly City Zip: 94015

Contact Person: Work Phone #: (650) 997-0733

Consent given by:

Mailing Address: City: State: Zip:

Business Owner Name: Owner Phone#:

Business Description: Georgi Kolev Reinspection Date:

ITEM	SECTION #	RECORDKEEPING	IN COMPLIANCE
1	22-66262.12(a)	Generator has EPA Identification Number	(N/A) (Yes) (No)
2	HSC 25143.10	Recyclable Materials Report submitted biennially to CUPA	(N/A) (Yes) (No)
3	22-66262.40(c)	Test results/waste analyses on site	(N/A) (Yes) (No)
4	22-66262.40(b)	Biennial Report on file	(N/A) (Yes) (No)
5	22-66265.16	Personnel training documented (training provided online)	(N/A) (Yes) (No)
6	HSC 25244.19	Waste Minimization Plan and Summary Progress Report on site	(N/A) (Yes) (No)
		MANIFESTS / CONSOLIDATED MANIFESTS	
7	22-66262.23 HSC 25160.2	Manifests or consolidated manifests are available for inspection	(N/A) (Yes) (No)
8	22-66262.23(a)(1)	Applicable sections completed	(N/A) (Yes) (No)
9	22-66262.23(a)(4)	Manifest copies submitted to Cal/EPA within 30 days	(N/A) (Yes) (No)
10	22-66262.12(c)	Hazardous waste hauled by a registered transporter	(N/A) (Yes) (No)
11	22-66262.12(c)	Hazardous waste shipped to a permitted facility	(N/A) (Yes) (No)
12	22-66262.42(a)	Signed "Designated Facility" manifest copies received	(N/A) (Yes) (No)
13	22-66262.40(b)	Exception Report on file	(N/A) (Yes) (No)
14	22-66268.7(a)(6)	Land Disposal Restriction notification on file	(N/A) (Yes) (No)
15	22-66261.107	Extremely Hazardous Waste is managed according to 66261.111and 66261.113	(N/A) (Yes) (No)

No hazardous waste shipments

ITEM	SECTION #	WASTE DETERMINATION	IN COMPLIANCE
16	22-66262.11	Hazardous waste determination made for all waste..... No waste	(N/A) (Yes) (No)
		EMERGENCY PREPAREDNESS/CONTINGENCY PLAN	
17	22-66265.31	Facility operated to minimize possibility of fire, explosion, or any unplanned release of hazardous waste to air, soil, or surface water, which could threaten human health or the environment.....	(N/A) (Yes) (No)
18	22-66265.32	Facility has adequate emergency response equipment, internal communication, fire extinguishers and spill control material.....	(N/A) (Yes) (No)
19	22-66265.33/.34	Emergency equipment is adequately maintained and accessible.....	(N/A) (Yes) (No)
20	22-66265.35	Aisle space is adequately maintained for emergency response.....	(N/A) (Yes) (No)
21	22-66265.51/.53	Facility has a Hazardous Waste Contingency Plan on site..... (1)	(N/A) (Yes) (No)
		HAZARDOUS WASTE STORAGE	
22	HSC 25189.5(a)(d) HSC 25201(a)	Generator does not accept, treat, or dispose of hazardous waste on-site without a permit.....	(N/A) (Yes) (No)
23	22-66262.34(a)	Generator does not accumulate hazardous waste on-site for longer than 90 days without a permit.....	(N/A) (Yes) (No)
24	22.66262.34(d)	Generator does not accumulate hazardous waste on site for longer than 180 days or longer than 270 days if transport of waste to a TSD facility is over 200 miles.....	(N/A) (Yes) (No)
25	22-66262.34(e)(1)	Generator uses "Satellite Accumulation" exemption for storage.....	(N/A) (Yes) (No)
26	22-66262.34(f)(3) (A)(B)(C)	Each container is labeled with: "Hazardous Waste", waste composition, hazardous properties and generator information.....	(N/A) (Yes) (No)
27	22-66262.34(f)(1)	Accumulation start date clearly marked and visible for inspection on each container..... No waste	(N/A) (Yes) (No)
		CONTAINER USE AND MANAGEMENT	
28	22-66265.171	Hazardous waste containers in good condition.....	(N/A) (Yes) (No)
29	22-66265.172	Hazardous waste compatible with holding containers.....	(N/A) (Yes) (No)
30	22-66265.173	Hazardous waste containers closed when not in use.....	(N/A) (Yes) (No)
31	22-66265.174	Hazardous waste storage area inspected weekly.....	(N/A) (Yes) (No)
32	22-66265.177(a)	No mixing of incompatible wastes.....	(N/A) (Yes) (No)
33	22-66265.177(c)	Storage of incompatible hazardous waste is in a secure area which minimizes the possibility of spills, mixing, and escape of materials from the area.....	(N/A) (Yes) (No)
34	22-66261.7(e) 22.66261.7(f)	Empty containers are managed properly.....	(N/A) (Yes) (No)

ITEM	SECTION #	UNIVERSAL WASTE	IN COMPLIANCE
35	22-66261.9(a)	Universal waste managed according with the standards of chapter 23.....	(N/A) (Yes) (No)
		TANK MANAGEMENT	
36	22-66265.190-199	Waste stored in tank(s) is in compliance with Article 10.....	(N/A) (Yes) (No)

WASTE GENERATED: **QUANTITY / MONTH**

CORRECTIVE ACTIONS:

1. Faculty needs to have a hazardous waste contingency plan.

Correct violation within 30 days.

Facility Representative: Your signature acknowledges receipt of this report and does not imply agreement with the findings.

SIGNATURE	NAME	DATE
	Georgi Kolev	4-21-2015

Date run : 4/22/2015 10:18:33AM
Run by :

San Mateo County, Environmental Health
Facility Information with Contact Info as of 4/22/2015

Report # : 5018
Page # : 1

Record Selection Criteria: Facility ID FA0057880
permit expiration date

Make changes/corrections in RED ink or pencil.
INFORMATION CHANGE (date) : _____
OWNERSHIP CHANGE (date) : _____

OWNER FILE INFORMATION

Owner ID: OW0050465
Permit & Owner Name: **BURLINGTON STORES**
Owner DBA: BURLINGTON STORE #182
Owner Address: 1830 ROUTE 130 NORTH
BURLINGTON, NJ 08016
Home Phone: 609-387-7800
Work/Business Phone: Not Specified

Mailing Address: 1830 ROUTE 130 NORTH
BURLINGTON, NJ 08016
Care of: BURLINGTON STORES

New Owner ID : _____

FACILITY FILE INFORMATION

Facility ID: FA0057880
CERS ID: 10626745
Facility Name: BURLINGTON STORE #182
Location : 99 SOUTHGATE AVE
DALY CITY, CA 94015
EPA ID :
Phone: 650-997-0733
Mailing Address : 99 SOUTHGATE AVE
DALY CITY, CA 94015
Care of

ACCOUNTS RECEIVABLE FILE INFORMATION

Account ID: AR0071785
Invoice c/o Name: BURLINGTON STORE #182
Permit and Invoice Mail to: **1830 ROUTE 130 NORTH**
BURLINGTON NJ 08016

New Account ID: _____
Mail Invoices to: Owner / Facility / Account
(Circle One)

Anniversary Date: 5/1/2015
Permit Expiration: No Permit Issued

Program/Element and Description	Record ID	Employee ID and Name	Status	UST(s) Linked	Units
2225 - GENERATES <27 GAL/YEAR	PR0080302	EE0027311 - LILIANA MEJIA	01 Active		

Emergency Notification BAKER, CHRIS

Ext. Email:

ENVIRONMENTAL HEALTH
SAN MATEO COUNTY

Protecting Our Health and Environment

PERMIT 15- 1034

CERTIFIED UNIFIED PROGRAM AGENCY

THIS PERMIT IS ISSUED FOR THE FOLLOWING:

2225 PR0080302 GENERATES <27 GAL/YEAR

FACILITY:
BURLINGTON STORE #182
99 SOUTHGATE AVE
DALY CITY, CA 94015

OWNER:
BURLINGTON STORES
1830 ROUTE 130 NORTH
BURLINGTON NJ 08016

FA0057880

DATE ISSUED: 6/1/2015

EXPIRATION DATE: 6/1/2020

Heather Forshey, MS, REHS
DIRECTOR, ENVIRONMENTAL HEALTH SERVICES

THIS PERMIT IS NONTRANSFERABLE AND MUST BE POSTED ON-SITE IN A CONSPICUOUS PLACE

ENVIRONMENTAL HEALTH
SAN MATEO COUNTY

Protecting Our Health and Environment

PERMIT CONDITIONS

2000 Alameda de las Pulgas, Ste. 100, San Mateo, CA 94403

Facility Identification Number: FA0057880

*In order to maintain the **Permit to Operate**, the permit holder must comply with the following provisions of related laws concerning management of hazardous materials. Any violation of the conditions may be cause for revocation of the **Permit to operate.***

a. **Hazardous Materials Business Plan Program:** California Health and Safety Code, Division 20, Chapter 6.95, Article 1 and Title 19 Calfornia Code of Regulations.
b. **California Accidental Release Prevention Program (Cal-ARP)**: California Health and Safety Code, Division 20, Chapter 6.95, Article 2 and Title 19, California Code of Regulations.
c. **Hazardous Waste Generator Program**: California Health and Safety Code, Division 20, Chapter 6.5, Articles 1-13, Section 25100 et seq., and Title 22, California Code of Regulations, Chapter 20
d. **Aboveground Petroleum ACT SPCC Plans**: California Health and Safety Code, Division 20, Chapter 6.67 and 40 CFR 112.
e. **Tiered Permit On-Site Hazardous Waste Treatment**: California Health and Safety Code, Division 20, Chapter 6.5 Article 9, and Title 22 California Code of Regulations, Chapter 20

The Permit to Operate is to be maintained on-site and is valid for a period of five (5) years.

Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST	1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Manifest Tracking Number
	CAL000403215	1	8775772669	010058679 FLE

GENERATOR

5. Generator's Name and Mailing Address
Burlington #182
99 Southgate Avenue
Daly City, CA 94015
Generator's Phone: 6509970733

Generator's Site Address (if different than mailing address)
Burlington#182
99 Southgate Avenue
Daly City, CA 94015

6. Transporter 1 Company Name: Stericycle Specialty Waste Solutions Inc — U.S. EPA ID Number: MNS000110924

7. Transporter 2 Company Name: Smith Systems — U.S. EPA ID Number: NEO 9863 2173

8. Designated Facility Name and Site Address: 21st Century EMN, LLC
2095 Newlands Dr. East
Fernley, NV 89408
Facility's Phone: 7755752760 — U.S. EPA ID Number: NVD980895338

9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes		
X	1UN1950, Waste Aerosols, Flammable, 2.1, ERG# 126	1	CF	00001	P	331	D001	D002
X	2UN1993, Waste Flammable liquids, n.o.s. (Acetone, Alcohol), 3, PG II, ERG#128	1	CF	00022	P	331	D001	
	3Non RCRA hazardous waste, liquid (Soaps, Lotions),	1	DM	00140	P	331		
	4Consumer Electronics for Recycling	1	CF	00007	P	181		

14. Special Handling Instructions and Additional Information: 1. 103306(Aerosols) 2. 103294(Flammable Liquids) 3. 103297(State Reg Liquid) 4. 103300(Universal Electronics)

15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent.
I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.

Generator's/Offeror's Printed/Typed Name: ALBERT ALVAREZ JR — Signature: On Behalf of Burlington — Month: 01 Day: 30 Year: 2017

INTL

16. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter signature (for exports only): Date leaving U.S.:

TRANSPORTER

17. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: Albert Alvarez Jr — Signature — Month: 01 Day: 30 Year: 2017

Transporter 2 Printed/Typed Name: Mel Lacey — Signature — Month: 2 Day: 6 Year: 17

DESIGNATED FACILITY

18. Discrepancy

18a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

18b. Alternate Facility (or Generator) — U.S. EPA ID Number
Facility's Phone:

18c. Signature of Alternate Facility (or Generator) — Month Day Year

19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)

1.	2.	3.	4.
H141	H141	H141	H141

20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a

Printed/Typed Name: Genevieve Panek — Signature — Month: 2 Day: 7 Year: 17

EPA Form 8700-22 (Rev. 3-05) Previous editions are obsolete.

DESIGNATED FACILITY TO DESTINATION STATE (IF REQUIRED)

8700-22_12v3 CAL40000164 540055762 040777604 H PD013017 SD013017

ExpertSUSTAINABILITY

Land Disposal Restriction Notification

Generator Name: Burlington #182 **EPA Number:** CAL000403215

Generator Address: 99 Southgate Avenue Daly City, CA

Manifest Tracking Number: 010058679FLE

Instructions

Column 1: List the Manifest Line number or Manifest Line item.
Column 2: Identify all U.S. EPA hazardous Waste Codes that apply to this shipment.
Column 3: Choose the appropriate treatability group: Non-Wastewater (NWW) or Wastewater (WW).
Column 4: Enter the appropriate Subcategory (per 40 CFR 268.40), if applicable, and also enter "Contaminated Soil" or "Debris" if the waste will be treated using one of the alternative treatment technologies provided by 268.49 (c)-soil, or 268.45- debris.
Column 5: Enter the letter of the appropriate paragraph from below(see Appendix 1 for other options if needed)
Column 6: For F001-F005, please enter the Reference Number(s) located below for the constituents in your waste stream subject to treatment.
Column 7: For F039, D001-D043, Debris& Contaminated Soil: please list the Reference Numbers listed in Appendix 2 for any Underlying Hazardous Constituents.

Manifest Line Number or Manifest Line Item	U.S. EPA Hazardous Waste Codes	Check One		Sub-Category	How Must This Waste Be Managed?	Regulated Constituents For F001-F005	Underlying Hazardous Constituents for D001-D043, Debris or Soil
		NWW	WW				
1 - 103306	D001,D002	Yes		High TOC Ignitable Liquid	A		
2 - 103294	D001	Yes		High TOC Ignitable Liquid	A		

Column 5 Waste Management Codes

A	THIS RESTRICTED WASTE REQUIRES TREATMENT TO THE APPLICABLE STANDARD. This waste must be treated to the applicable performance based treatment standard set forth in 40CFR Part 268 Subpart C, 268.32, Subpart D, 268.40 or RCRA Section 3004(d) prior to land disposal.

Column 6 F001-F005 Reference Numbers

Column 7 D001-D043 Reference Numbers

I hereby certify that all information subscribed at this and all associated documents is complete and accurate to the best of my knowledge and information.

Generator Signature: _____ **Title:** STEWARDSHIP LE

Printed Name: ALBERT ALVAREZ **Date:** 1-30-19

Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Manifest Tracking Number
CAL000403215	1	8775772669	010058679 FLE

GENERATOR

5. Generator's Name and Mailing Address
Burlington #182
6509970733
99 Southgate Avenue
Daly City, CA 94015
Generator's Phone:

Generator's Site Address (if different than mailing address)
Burlington#182
99 Southgate Avenue
Daly City, CA 94015

6. Transporter 1 Company Name: Stericycle Specialty Waste Solutions Inc
U.S. EPA ID Number: MNS000110924

7. Transporter 2 Company Name:
U.S. EPA ID Number:

8. Designated Facility Name and Site Address: 21st Century EMN, LLC
2095 Newlands Dr. East
Fernley, NV 89408
Facility's Phone: 7755752760
U.S. EPA ID Number: NVD980895338

9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes		
X	1UN1950, Waste Aerosols, Flammable, 2.1, ERG# 126	1	CF	00001	P	331	D001	D002
X	2UN1993, Waste Flammable liquids, n.o.s. (Acetone, Alcohol), 3, PG II, ERG#128	1	CF	00022	P	331	D001	
	3Non RCRA hazardous waste, liquid (Soaps, Lotions),	1	DM	00140	P	331		
	4Consumer Electronics for Recycling	1	CF	00007	P	181		

14. Special Handling Instructions and Additional Information: 1.103306(Aerosols) 2.103294(Flammable Liquids) 3.103297(State Reg Liquid) 4.103300(Universal Electronics)

15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent.
I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.

Generator's/Offeror's Printed/Typed Name: ALBERT ALVAREZ JR
Signature: On Behalf of Burlington
Month: 01 Day: 30 Year: 2017

INT'L

16. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter signature (for exports only): Date leaving U.S.:

TRANSPORTER

17. Transporter Acknowledgment of Receipt of Materials
Transporter 1 Printed/Typed Name: Albert Alvarez Jr
Signature:
Month: 01 Day: 30 Year: 2017

Transporter 2 Printed/Typed Name:
Signature:
Month: Day: Year:

DESIGNATED FACILITY

18. Discrepancy
18a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection
Manifest Reference Number:

18b. Alternate Facility (or Generator)
U.S. EPA ID Number:
Facility's Phone:

18c. Signature of Alternate Facility (or Generator)
Month: Day: Year:

19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)
1. 2. 3. 4.

20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a
Printed/Typed Name:
Signature:
Month: Day: Year:

EPA Form 8700-22 (Rev. 3-05) Previous editions are obsolete.

DESIGNATED FACILITY TO DESTINATION STATE (IF REQUIRED)

8700-22_12v3 CAL40000164 S40055762 040777604 M PD013017 SD013017

Please print or type. (Form designed for use on elite (12-pitch) typewriter.) ERTS #HMB132010 SPK Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Manifest Tracking Number
CAL000403215	1	8009246804	008628741 FLE

GENERATOR

5. Generator's Name and Mailing Address: Attn:Store Manager, Burlington#182, 99 Southgate Avenue, Daly City, CA 94015
Generator's Phone: 6509970733
Generator's Site Address (if different than mailing address):

6. Transporter 1 Company Name: Stericycle Specialty Waste Solutions Inc — U.S. EPA ID Number: MNS000110924

7. Transporter 2 Company Name: SMITH SYSTEMS TRANSPORT. — U.S. EPA ID Number: NVD 986382473

8. Designated Facility Name and Site Address: 21st Century EMN, LLC, 2095 Newlands Dr. East, Fernley, NV 89408
Facility's Phone: 7755752760 — U.S. EPA ID Number: NVD980895338

9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes		
X	1. UN1950, Waste Aerosols, Flammable, 2.1, ERG# 126	1	CF	00002	P	331	D001	D002
X	2. UN1993, Waste Flammable liquids, n.o.s. (Acetone, Alcohol), 3, PG II, ERG#128	1	CF	00019	P	331	D001	
	3. Non RCRA hazardous waste, solid (Soaps, Lotions).	1	CF	00008	P	331		
	4. Non RCRA hazardous waste, liquid (Soaps, Lotions),	2	CF	00043	P	331		

14. Special Handling Instructions and Additional Information
1. 103306(Aerosols) 2. 103294(Flammable Liquids) 3. 103298(State Reg Solids) 4. 103297(State Reg Liquid)

15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent.
I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.

Generator's/Offeror's Printed/Typed Name: — Signature: On Behalf of Burlington — Month/Day/Year: 08 16 2016

INT'L

16. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter signature (for exports only): Date leaving U.S.:

TRANSPORTER

17. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: Jerome Rizon — Signature: — Month/Day/Year: 08 16 2016

Transporter 2 Printed/Typed Name: Stanbaddy — Signature: — Month/Day/Year: 8 24 16

DESIGNATED FACILITY

18. Discrepancy

18a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

18b. Alternate Facility (or Generator) — U.S. EPA ID Number
Facility's Phone:

18c. Signature of Alternate Facility (or Generator) — Month/Day/Year

19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)
1. H141 2. H141 3. H141 4. H141

20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a
Printed/Typed Name: Hilde M Fuentes — Signature: — Month/Day/Year: 8 25 16

EPA Form 8700-22 (Rev. 3-05) Previous editions are obsolete.

DESIGNATED FACILITY TO DESTINATION STATE (IF REQUIRED)

8700-22 12v3 CAL40000164 S40055762 040674495 M PD081616 SD081616

AUG 25 AM 9:52

ExpertSUSTAINABILITY

Land Disposal Restriction Notification

Generator Name: Burlington #182 **EPA Number:** CAL000403215

Generator Address: 99 Southgate Avenue Daly City, CA

Manifest Tracking Number: 008628741FLE

Instructions

Column 1: List the Manifest Line number or Manifest Line item.
Column 2: Identify all U.S. EPA hazardous Waste Codes that apply to this shipment.
Column 3: Choose the appropriate treatability group: Non-Wastewater (NWW) or Wastewater (WW).
Column 4: Enter the appropriate Subcategory (per 40 CFR 268.40), if applicable, and also enter "Contaminated Soil" or "Debris" if the waste will be treated using one of the alternative treatment technologies provided by 268.49 (c)-soil, or 268.45- debris.
Column 5: Enter the letter of the appropriate paragraph from below(see Appendix 1 for other options if needed)
Column 6: For F001-F005, please enter the Reference Number(s) located below for the constituents in your waste stream subject to treatment.
Column 7: For F039, D001-D043, Debris& Contaminated Soil: please list the Reference Numbers listed in Appendix 2 for any Underlying Hazardous Constituents.

Manifest Line Number or Manifest Line Item	U.S. EPA Hazardous Waste Codes	Check One		Sub-Category	How Must This Waste Be Managed?	Regulated Constituents For F001-F005	Underlying Hazardous Constituents for D001-D043, Debris or Soil
		NWW	WW				
1 - 103306	D001,D002	Yes		Ignitable Charecteristic Waste	A		
2 - 103294	D001	Yes		High TOC Ignitable Liquid	A		

Column 5 Waste Management Codes

A	THIS RESTRICTED WASTE REQUIRES TREATMENT TO THE APPLICABLE STANDARD. This waste must be treated to the applicable performance based treatment standard set forth in 40CFR Part 268 Subpart C, 268.32, Subpart D, 268.40 or RCRA Section 3004(d) prior to land disposal.

Column 6 F001-F005 Reference Numbers

Column 7 D001-D043 Reference Numbers

I hereby certify that all information subscribed at this and all associated documents is complete and accurate to the best of my knowledge and information.

Generator Signature: JZ Myon **Title:** ES 3

Printed Name: C ~ **Date:** 8/16/16

Please print or type (Form designed for use on elite (12 pitch) typewriter)

Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST

1 Generator ID Number	2 Page 1 of	3 Emergency Response Phone	4 Manifest Tracking Number
CO [illegible]	1	[illegible]	008628741 FLE

GENERATOR

5 Generator's Name and Mailing Address: Milestone Manager, Burlington, [illegible] S Sedalgate Mount, Dale City, CO [illegible]

Generator's Site Address (if different than mailing address)

Generator's Phone:

6 Transporter 1 Company Name: Stericycle Specialty Waste Solutions, Inc.

U.S. EPA ID Number: MSD981[illegible]

7 Transporter 2 Company Name

U.S. EPA ID Number

8 Designated Facility Name and Site Address: Clean Harbors Env. Svc. 2095 Newlands Dr. East Fernley, NV 89408

U.S. EPA ID Number: NVD980895338

Facility's Phone: 775.575.2760

9a HM	9b U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10 Containers: No	10 Containers: Type	11 Total Quantity	12 Unit Wt./Vol.	13 Waste Codes		
X	1. UN1950, Waste Aerosols, Flammable, 2.1, ERG# 126	1	CF	00025	P	331	D001	D001
X	2. UN1993, Waste Flammable Liquids, n.o.s. (Acetone, Alcohol), 3, PG II, ERG#128	1	CF	00013	P	331	D001	
	3. Non RCRA hazardous waste, solid (Soaps, Lotions).	1	CF	00008	P	331		
	4. Non RCRA hazardous waste, liquid (Soaps, Lotions).	2	CF	00043	P	331		

14 Special Handling Instructions and Additional Information: 1. 103306 (Aerosols) 2. 103299 (Flammable Liquids) 3. 103298 (State Reg Solids) 4. 103297 (State Reg Liquid)

15 GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent.
I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true

Generator's/Offeror's Printed/Typed Name | Signature: On Behalf of Burlington | Month: 08 | Day: 16 | Year: 2016

INT'L

16 International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:

Transporter signature (for exports only): Date leaving U.S.:

TRANSPORTER

17 Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: Jerome Rizon | Signature | Month: 08 | Day: 16 | Year: 2016

Transporter 2 Printed/Typed Name | Signature | Month | Day | Year

DESIGNATED FACILITY

18 Discrepancy

18a Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

18b Alternate Facility (or Generator) | U.S. EPA ID Number

Facility's Phone:

18c Signature of Alternate Facility (or Generator) | Month | Day | Year

19 Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)

1	2	3	4

20 Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a

Printed/Typed Name | Signature | Month | Day | Year

EPA Form 8700-22 (Rev. 3-05) Previous editions are obsolete

DESIGNATED FACILITY TO DESTINATION STATE (IF REQUIRED)

8700-22 [illegible] 5400055762 0406.74495 M P0081616 SD081616

Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Manifest Tracking Number
CAL000403215	1	8009246804	008465576 FLE

GENERATOR

5. Generator's Name and Mailing Address: Attn:Store Manager, Burlington#182, 99 Southgate Avenue, Daly City, CA 94015, 6509970733

Generator's Site Address (if different than mailing address):

Generator's Phone:

6. Transporter 1 Company Name: Stericycle Specialty Waste Solutions Inc — U.S. EPA ID Number: MNS000110924

7. Transporter 2 Company Name: ~~Clean Century Environmental Of California~~ Smith Systems Transport — U.S. EPA ID Number: ~~CAR000210617~~ NEO 9863821 33

8. Designated Facility Name and Site Address: General Environmental Mgt, LLC, 11855 White Rock Road, Rancho Cordova, CA 95742 — U.S. EPA ID Number: CAD980884183

Facility's Phone: 9163510980

9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes		
X	1. UN1950, Waste Aerosols, Flammable, 2.1, ERG# 126	1	CF	00005	P	331	D001	D002
X	2. UN1993, Waste Flammable liquids, n.o.s. 3, PG II, ERG#128	1	CF	00048	P	331	D001	
	3. Non RCRA hazardous waste, liquid	1	CF	00015	P	331		
	4.							

14. Special Handling Instructions and Additional Information: 1. 103306 (Aerosols) 2. 103294 (Flammable Liquids) 3. 103297 (State Reg Liquid)

15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent. I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.

Generator's/Offeror's Printed/Typed Name: Omar Blancas — Signature: On Behalf of Burlington — Month 02 Day 22 Year 2016

INT'L

16. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:

Transporter signature (for exports only): Date leaving U.S.:

TRANSPORTER

17. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: Omar Blancas — Signature — Month 02 Day 22 Year 2016

Transporter 2 Printed/Typed Name: Steve Cuddy — Signature — Month 2 Day 29 Year 16

DESIGNATED FACILITY

18. Discrepancy

18a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

18b. Alternate Facility (or Generator) — U.S. EPA ID Number

Facility's Phone:

18c. Signature of Alternate Facility (or Generator) — Month Day Year

19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)

1.	2.	3.	4.
H141	H141	H141	

20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a

Printed/Typed Name: Cayana Roberts — Signature — Month 3 Day 9 Year 16

EPA Form 8700-22 (Rev. 3-05) Previous editions are obsolete.

8700-22_12x3 CAL40000164 S40055762 040580688 M DESIGNATED FACILITY TO DESTINATION STATE (IF REQUIRED) PD022216 SD022216

1440-64422

ExpertSUSTAINABILITY

Land Disposal Restriction Notification

Generator Name: Burlington #182 EPA Number: CAL000403215

Generator Address: 99 Southgate Avenue Daly City, CA

Manifest Tracking Number: 008465576FLE

Instructions

Column 1: List the Manifest Line number or Manifest Line item
Column 2: Identify all U.S. EPA hazardous Waste Codes that apply to this shipment
Column 3: Choose the appropriate treatability group: Non-Wastewater (NWW) or Wastewater (WW)
Column 4: Enter the appropriate Subcategory (per 40 CFR 268.40), if applicable, and also enter "Contaminated Soil" or "Debris" if the waste will be treated using one of the alternative treatment technologies provided by 268.49 (c) soil, or 268.45- debris
Column 5: Enter the letter of the appropriate paragraph from below (see Appendix 1 for other options if needed)
Column 6: For F001-F005, please enter the Reference Number(s) located below for the constituents in your waste stream subject to treatment
Column 7: For F039, D001-D043, Debris& Contaminated Soil, please list the Reference Numbers listed in Appendix 2 for any Underlying Hazardous Constituents

Manifest Line Number or Manifest Line Item	U.S. EPA Hazardous Waste Codes	Check One: NWW	Check One: WW	Sub-Category	How Must This Waste Be Managed?	Regulated Constituents For F001-F005	Underlying Hazardous Constituents for D001-D043 Debris or Soil
1 - 103306	D001 D002	Yes		Ignitable Characteristic Waste	A		
2 - 103294	D001	Yes		High TOC Ignitable Liquid	A		

Column 5 Waste Management Codes

A — THIS RESTRICTED WASTE REQUIRES TREATMENT TO THE APPLICABLE STANDARD. This waste must be treated to the applicable performance based treatment standard set forth in 40CFR Part 268 Subpart C, 268.32, Subpart D, 268.40 or RCRA Section 3004(d) prior to land disposal.

Column 6 F001-F005 Reference Numbers

Column 7 D001-D043 Reference Numbers

I hereby certify that all information subscribed at this and all associated documents is complete and accurate to the best of my knowledge and information.

Generator Signature: Omar Blanco Title: Field Tech

Printed Name: Omar Blanco Date: 2-22-16

Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST (Continuation Sheet)

21. Generator ID Number: CAL000403215

22. Page 2 of 2

23. Manifest Tracking Number: 008465576 FLE

24. Generator's Name: Burlington #182

25. Transporter 3 Company Name: 21st Century Environmental Management of CA C/P U.S. EPA ID Number: CAD000210617

26. Transporter ____ Company Name: U.S. EPA ID Number:

27a. HM	27b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	28. Containers No.	28. Containers Type	29. Total Quantity	30. Unit Wt./Vol.	31. Waste Codes		

32. Special Handling Instructions and Additional Information

GENERATOR

33. Transporter 3 Acknowledgment of Receipt of Materials

Printed/Typed Name: Rob Lara Signature: Month 2 Day 26 Year 06

34. Transporter ____ Acknowledgment of Receipt of Materials

Printed/Typed Name: Signature: Month Day Year

TRANSPORTER

35. Discrepancy

DESIGNATED FACILITY

36. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)

3

UNIFORM HAZARDOUS WASTE MANIFEST

4 Manifest Tracking Number: 008465576 FLE

GENERATOR

Starlevin Specialty Waste Solutions

Ranchu Cucamonga, CA

1	UN1950, Waste Aerosols, Flammable, 2.1, ERG# 126	1	1	DM035	P	331 D001, D035
2	UN1993, Waste Flammable liquids, n.o.s., PG II, ERG#128	1	DF	DM048	P	331 D001
	Non RCRA hazardous waste, liquid	1	DF	DM015	P	331

Reg Liquid

GENERATOR'S/OFFEROR'S CERTIFICATION

Omar Blancas

On Behalf Of Burlington

INTL

TR ANSPORTER

Omar Blancas

DESIGNATED FACILITY

EPA Form 8700-22 Rev. 3(B) Previous editions are obsolete.

8700-22_12v3 CRL40000164 840055762 040580688 M PD022218

R (2)

Please print or type. (Form designed for use on elite (12-pitch) typewriter.) ERTS #HMB132010 SDK Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST	1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Manifest Tracking Number
	CAL000403215	1	8009246804	008517451 FLE

5. Generator's Name and Mailing Address: Attn:Store Manager, Burlington#182, 99 Southgate Avenue, Daly City, CA 94015
Generator's Site Address (if different than mailing address):
Generator's Phone: 6509970733

6. Transporter 1 Company Name: Stericycle Specialty Waste Solutions Inc — U.S. EPA ID Number: MNS000110924

7. Transporter 2 Company Name: 21st Century Environmental Of California — U.S. EPA ID Number: CAR000210617

8. Designated Facility Name and Site Address: General Environmental Mgt, LLC, 11855 White Rock Road, Rancho Cordova, CA 95742 — U.S. EPA ID Number: CAD980884103
Facility's Phone: 9163510980

9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes		
X	1. UN1993, Waste Flammable liquids, n.o.s. 3, PG II, ERG#128	1	CF	00007	P	331	D001	
	2. Non. RCRA hazardous waste, liquid	1	CF	00014	P	331		
	3.							
	4.							

14. Special Handling Instructions and Additional Information
1.103294(Flammable Liquids) 2.103297(State Reg Liquid)

15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent.
I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.
Generator's/Offeror's Printed/Typed Name: Omar Blancas — Signature: On Behalf of Burlington — Month 11 Day 09 Year 2015

16. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter Signature (for exports only): Date leaving U.S.:

17. Transporter Acknowledgment of Receipt of Materials
Transporter 1 Printed/Typed Name: Omar Blancas — Signature — Month 11 Day 09 Year 2015
Transporter 2 Printed/Typed Name: Stella Gaddy — Signature — Month 11 Day 16 Year 15

18. Discrepancy
18a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection
Manifest Reference Number:
18b. Alternate Facility (or Generator) — U.S. EPA ID Number
Facility's Phone:
18c. Signature of Alternate Facility (or Generator) — Month Day Year

19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)
1. H141 2. H141 3. 4.

20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in item 18a
Printed/Typed Name: Darrelin Calgett — Signature — Month 11 Day 25 Year 15

GENERATOR | TRANSPORTER | INTL | DESIGNATED FACILITY

EPA Form 8700-22 (Rev. 3-05) Previous editions are obsolete. DESIGNATED FACILITY TO DESTINATION STATE (IF REQUIRED)

240-57444

ExpertSUSTAINABILITY

Land Disposal Restriction Notification

Generator Name: Burlington #182 **EPA Number:** CAL000403215

Generator Address: 99 Southgate Avenue Daly City, CA

Manifest Tracking Number: 008517451FLE

Instructions

Column 1: List the Manifest Line number or Manifest Line Item
Column 2: Identify all U.S. EPA Hazardous Waste Codes that apply to the shipment.
Column 3: Choose the appropriate treatability group: Non-Wastewater (NWW) or Wastewater (WW)
Column 4: Enter the appropriate Subcategory (per 40 CFR 268.40), if applicable, and also enter "Contaminated Soil" or "Debris" if the waste will be treated using one of the alternative treatment technologies provided by 268.49 (c)-(e), or 268.45, debris.
Column 5: Enter the letter of the appropriate paragraph from below(see Appendix 1 for other options if needed)
Column 6: For F001-F005, please enter the Reference Number(s) located below for the constituents in your waste stream subject to treatment
Column 7: For F039, D001-D043, Debris & Contaminated Soil please list the Reference Numbers listed in Appendix 2 for any Underlying Hazardous Constituents

Manifest Line Number or Manifest Line Item	U.S. EPA Hazardous Waste Codes	Check One: NWW	Check One: WW	Sub-Category	How Must The Waste Be Managed?	Required Constituents For F001-F005	Underlying Hazardous Constituents for D001-D043, Debris or Soil
1 103264	D001	Yes		High TOC Ignitable, A Liquid			

Column 5 Waste Management Codes

A THIS RESTRICTED WASTE REQUIRES TREATMENT TO THE APPLICABLE STANDARD. This waste must be treated to the applicable performance based treatment standard set forth in 40CFR Part 268 Subpart D, 268.42, Subpart D, 268.40 or RCRA Section 3004(d) prior to land disposal

Column 6 F001-F005 Reference Numbers

Column 7 D001-D043 Reference Numbers

I hereby certify that all information submitted at this and all associated documents is complete and accurate to the best of my knowledge and information.

Generator Signature: _____ **Title:** _____

Printed Name: _____ **Date:** 11-05-Pm

2

Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator ID Number: CAL 0000@3215
2. Page 1 of 1
3. Emergency Response Phone: 8009246@@@
4. Manifest Tracking Number: 00851745 1 FLE

5. Generator's Name and Mailing Address:
Attn:Store Manager
Burlington#182
99 Southgate Avenue
Daly City, CA 94015

Generator's Site Address (if different than mailing address)

Generator's Phone: 6509970733

6. Transporter 1 Company Name: Stericycle Specialty Waste Solutions Inc
U.S. EPA ID Number: MNS@@@110334

7. Transporter 2 Company Name: 21st Century Environmental Of California
U.S. EPA ID Number: CAR@@@210617

8. Designated Facility Name and Site Address:
General Environmental Mgt, LLC
11855 White Rock Road
Rancho Cordova, CA 95742
U.S. EPA ID Number: CAD@@@@@@103

Facility's Phone: 916-851-@@@@

No.	9b. U.S. DOT Description (Including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers: No.	Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes
X	1. UN1993, Waste Flammable liquids, n.o.s. 3, PG II, ERG#128	1	CF	00007	P	331 D001
	2. Non RCRA hazardous waste, liquid	1	CF	00014	P	331
	3.					
	4.					

14. Special Handling Instructions and Additional Information
1.103294(Flammable Liquids) 2.103297(State Reg Liquid)

15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter: I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent.
I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.

Generator's/Offeror's Printed/Typed Name: Omar Burgos
Signature: [signature] for Benjamin Washington
Month: 11 Day: 09 Year: 2015

16. International Shipments: ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter signature (for exports only): Date leaving U.S.:

17. Transporter Acknowledgment of Receipt of Materials
Transporter 1 Printed/Typed Name: Omar Burgos
Signature: [signature]
Month: 11 Day: 09 Year: 2015

Transporter 2 Printed/Typed Name:
Signature:
Month: Day: Year:

18. Discrepancy
18a. Discrepancy Indication Space: ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection
Manifest Reference Number:

18b. Alternate Facility (or Generator)
U.S. EPA ID Number:
Facility's Phone:
18c. Signature of Alternate Facility (or Generator)
Month: Day: Year:

19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)
1. 2. 3. 4.

20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a
Printed/Typed Name:
Signature:
Month: Day: Year:

EPA Form 8700-22 (Rev. 3-05) Previous editions are obsolete.

DESIGNATED FACILITY TO DESTINATION STATE (IF REQUIRED)

8700-22_12v3 CAL40000164 540055762 040531598 M PD110915 SD110915

(4) ERT [redacted] 245857

Please print or type. (Form designed for use on elite (12-pitch) typewriter.) Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST	1. Generator ID Number CAL000403215 Attn:Store Manager	2. Page 1 of 1	3. Emergency Response Phone 8009248804	4. Manifest Tracking Number 008438293 FLE

GENERATOR

5. Generator's Name and Mailing Address: Burlington#182, 99 Southgate Avenue, Daly City, CA 94015, 6509970733

Generator's Site Address (if different than mailing address):

Generator's Phone:

6. Transporter 1 Company Name: Stericycle Specialty Waste Solutions Inc — U.S. EPA ID Number: MNS000110924

7. Transporter 2 Company Name: Smith Systems Transportation, Inc. — U.S. EPA ID Number: NED986382133

8. Designated Facility Name and Site Address: 21st Century EMN, LLC, 2095 Newlands Dr. East, Fernley, NV 89408 — U.S. EPA ID Number: NVD980895338

Facility's Phone: 7755752760

9a. HM	9b. U.S. DOT Description (Including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes		
X	UN1950, Waste Aerosols, Flammable, 2.1, ERG# 126	1	CF	00007	P	331	D001	D002
X	UN1993, Waste Flammable liquids, n.o.s. 3, PG II, ERG#128	1	CF	00002	P	331	D001	
	Consumer Electronics for Recycling	1	CF	00004	P			
	Non RCRA hazardous waste, solid	1	CF	00028	P	181		

14. Special Handling Instructions and Additional Information: 1. 103306(Aerosols) 2. 103294(Flammable Liquids) 3. 103300(Universal Electronics) 4. 103298(State Reg Solids)

15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent. I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.

Generator's/Offeror's Printed/Typed Name: Omar Blancas — Signature: On Behalf of Burlington — Month 09 Day 09 Year 2015

INTL

16. International Shipments: ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit: Date leaving U.S.:

Transporter signature (for exports only):

TRANSPORTER

17. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: Omar Blancas — Signature: — Month 09 Day 09 Year 2015

Transporter 2 Printed/Typed Name: Steve Leady — Signature: — Month 9 Day 15 Year 15

DESIGNATED FACILITY

18. Discrepancy

18a. Discrepancy Indication Space: ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

18b. Alternate Facility (or Generator) — U.S. EPA ID Number

Facility's Phone:

18c. Signature of Alternate Facility (or Generator) — Month Day Year

19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)

1.	2.	3.	4.
H141	H141	H141	H141

20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a

Printed/Typed Name: Amber Mark — Signature: — Month 9 Day 17 Year 15

EPA Form 8700-22 (Rev. 3-05) Previous editions are obsolete.

DESIGNATED FACILITY TO DESTINATION STATE (IF REQUIRED)

8700-22_12v3 CAL40000164 S40055762 040503616 M PD090915 SD090915

SEP 17 AM 9:25

Expert SUSTAINABILITY

Land Disposal Restriction Notification

Generator Name: Safeway Inc Dist #1490 **EPA Number:** CALD[illegible]

Generator Address: 2300 - 16th Street San Francisco, CA

Manifest Tracking Number: 008428264FLE

Instructions

Column 1: List the Manifest Line number or Manifest Line Item
Column 2: Identify all U.S. EPA hazardous Waste Codes that apply to this shipment
Column 3: Choose the appropriate treatability group: Non-Wastewater (NWW) or Wastewater (WW)
Column 4: Enter the appropriate Subcategory (per 40 CFR 268.40) if applicable, and also enter "Contaminated Soil" or "Debris" if the waste will be treated using one of the alternative treatment technologies provided by 268.45 (soil) or 268.45 debris
Column 5: Enter the letter of the appropriate paragraph from below (see Appendix 1 for other options if needed)
Column 6: For F001-F005, please enter the Reference Number(s) located below for the constituents in your waste stream subject to treatment
Column 7: For F039, D001-D043, Debris & Contaminated Soil, please list the Reference Numbers listed in Appendix 7 for any Underlying Hazardous Constituents

Check One

Manifest Line Number or Manifest Line Item	U.S. EPA Hazardous Waste Codes	NWW	WW	Sub-Category	How Must This Waste Be Managed?	Regulated Constituents For F001-F005	Underlying Hazardous Constituents for D001-D043, Debris or Soil
1 - 4690	D001	Yes		ignitable Characteristic Waste	A		
2 - 101445	F001	Yes			A		
3 - 4692	D002	Yes			A		

Column 5 Waste Management Codes

A THIS RESTRICTED WASTE REQUIRES TREATMENT TO THE APPLICABLE STANDARD. This waste must be treated to the applicable performance based treatment standard set forth in 40CFR Part 268 Subpart C, 268.32, Subpart D, 268.40 or RCRA Section 3004(m) prior to land disposal

Column 6 F001-F005 Reference Numbers

Column 7 D001-D043 Reference Numbers

I hereby certify that all information submitted in this and all associated documents is complete and accurate to the best of my knowledge and information.

Generator Signature: [signature] **Title:** [illegible]

Printed Name: [illegible] **Date:** [illegible]

G

ERT

Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No. CAC000483215 | 2. Page 1 of | 3. Generator's Phone 6509245884 | 4. Manifest Tracking Number 008438293 FLE

5. Generator's Name and Mailing Address: Attn:Store Manager BUR-lington#162, 99 Southgate Avenue, Daly City, CA 94015
Generator's Site Address (if different than mailing address)
Generator's Phone: 6509970733

6. Transporter 1 Company Name: Stericycle Specialty Waste Solutions Inc | U.S. EPA ID Number: RNS000110924

7. Transporter 2 Company Name: Smith Systems Transportation, Inc. | U.S. EPA ID Number: NED986382133

8. Designated Facility Name and Site Address: 21st Century EMet, LLC, 2095 Newlands Dr. East, Fernley, NV 89408 | U.S. EPA ID Number
Facility's Phone: 7755752760 | NVD980895338

9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes
X	UN1950, Waste Aerosols, Flammable, 2.1, ERG# 126	1	CF	00007	P	331 D001 D002
X	UN1993, Waste Flammable liquids, n.o.s. 3, PG II, ERG#128	1	CF	00002	P	331 D001
	Consumer Electronics for Recycling	1	CF	00004	P	
	Non RCRA hazardous waste, solid	1	CF	00028	P	181

14. Special Handling Instructions and Additional Information: 1.103306(Aerosols) 2.103294(Flaeeable Liquids) 3. 103300(Universal Electronics) 4.103298(State Reg Solids)

15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent.
I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.

Generator's/Offeror's Printed/Typed Name: Mr Blancas | Signature: On Behalf of Burlington | Month: 09 | Day: 09 | Year: 2015

16. International Shipments: ☐ Import to U.S. ☐ Export from U.S. | Port of entry/exit: | Date leaving U.S.:

17. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: Oscar Blancas | Signature | Month: 09 | Day: 09 | Year: 2015

Transporter 2 Printed/Typed Name | Signature | Month | Day | Year

18. Discrepancy

18a. Discrepancy Indication Space: ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

18b. Alternate Facility (or Generator) | U.S. EPA ID Number

Facility's Phone

18c. Signature of Alternate Facility (or Generator) | Month | Day | Year

19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)

1 | 2 | 3 | 4

20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 18a

Printed/Typed Name | Signature | Month | Day | Year

GENERATOR — TRANSPORTER — DESIGNATED FACILITY

EPA Form 8700-22 (Rev. 3-05). Previous editions are obsolete.

DESIGNATED FACILITY TO DESTINATION STATE (IF REQUIRED)

8700-22_12v3 CAL400000164 540055762 040583616 N PD090915 SD090915

3

Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

ERTS #HM8132010 SPK

Form Approved. OMB No. 2050-0039

4

UNIFORM HAZARDOUS WASTE MANIFEST	1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Manifest Tracking Number
	CAL000403215	1	8009246804	008517703 FLE

5. Generator's Name and Mailing Address
Attn:Store Manager
Burlington#182
6509970733 99 Southgate Avenue
Generator's Phone: Daly City, CA 94015

Generator's Site Address (if different than mailing address)

6. Transporter 1 Company Name — **U.S. EPA ID Number**
Stericycle Specialty Waste Solutions Inc — MNS000110924

7. Transporter 2 Company Name — **U.S. EPA ID Number**
Smith Systems Transportation, Inc. — NED986382133

8. Designated Facility Name and Site Address — **U.S. EPA ID Number**
21st Century EMN, LLC
2095 Newlands Dr. East
Fernley, NV 89408
Facility's Phone: 7755752760 — NVD980895338

9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes		
X	1UN1993, Waste Flammable liquids, n.o.s. 3, PG II, ERG#128	1	CF	00013	P	331	D001	
	2Non RCRA hazardous waste, solid	1	CF	00010	P	181		
	3Non RCRA hazardous waste, liquid	1	CF	00010	P	331		
	4Consumer Electronics for Recycling	1	CF	00007	P			

14. Special Handling Instructions and Additional Information
1.103294(Flammable Liquids) 2.103298(State Reg Solids) 3. 103297(State Reg Liquid) 4.103300(Universal Electronics)

15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent.
I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.

Generator's/Offeror's Printed/Typed Name: J. Z. Nguon — Signature: On Behalf of Burlington — Month: 07 Day: 22 Year: 2015

16. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter signature (for exports only): Date leaving U.S.:

17. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name	Signature	Month	Day	Year
Jerome Rizon		07	22	2015
Transporter 2 Printed/Typed Name	Signature	Month	Day	Year
Sonny Smith		7	30	15

18. Discrepancy

18a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

18b. Alternate Facility (or Generator) — U.S. EPA ID Number
Facility's Phone:

18c. Signature of Alternate Facility (or Generator) — Month: Day: Year:

19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)

1.	2.	3.	4.
H141	H141	H141	H141

20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a

Printed/Typed Name: Natasha Valiska — Signature — Month: 8 Day: 4 Year: 15

EPA Form 8700-22 (Rev. 3-05) Previous editions are obsolete.

DESIGNATED FACILITY TO DESTINATION STATE (IF REQUIRED)

2015 AUG 4 AM 9:07

8700-22_12v3 CAL40000164 S40055762 040482124 M PD072215 SD072215

ExpertSUSTAINABILITY

Land Disposal Restriction Notification

Generator Name: Burlington #182 **EPA Number:** CAL000403215

Generator Address: 99 Southgate Avenue Daly City, CA

Manifest Tracking Number: 008517703FLE

Instructions

Column 1: List the Manifest Line number or Manifest Line Item.
Column 2: Identify all U.S. EPA hazardous Waste Codes that apply to this shipment.
Column 3: Choose the appropriate treatability group: Non-Wastewater (NWW) or Wastewater (WW).
Column 4: Enter the appropriate Subcategory (per 40 CFR 268.40), if applicable, and also enter "Contaminated Soil" or "Debris" if the waste will be treated using one of the alternative treatment technologies provided by 268.49 (c)-soil, or 268.45- debris.
Column 5: Enter the letter of the appropriate paragraph from below(see Appendix 1 for other options if needed)
Column 6: For F001-F005, please enter the Reference Number(s) located below for the constituents in your waste stream subject to treatment.
Column 7: For F039, D001-D043, Debris& Contaminated Soil: please list the Reference Numbers listed in Appendix 2 for any Underlying Hazardous Constituents.

Manifest Line Number or Manifest Line Item	U.S. EPA Hazardous Waste Codes	Check One		Sub-Category	How Must This Waste Be Managed?	Regulated Constituents For F001-F005	Underlying Hazardous Constituents for D001-D043, Debris or Soil
		NWW	WW				
1 - 103294	D001	Yes		High TOC Ignitable Liquid	A		

Column 5 Waste Management Codes

A THIS RESTRICTED WASTE REQUIRES TREATMENT TO THE APPLICABLE STANDARD. This waste must be treated to the applicable performance based treatment standard set forth in 40CFR Part 268 Subpart C, 268.32, Subpart D, 268.40 or RCRA Section 3004(d) prior to land disposal.

Column 6 F001-F005 Reference Numbers

Column 7 D001-D043 Reference Numbers

I hereby certify that all information subscribed at this and all associated documents is complete and accurate to the best of my knowledge and information.

Generator Signature: _____ **Title:** DOT

Printed Name: _____ **Date:** 7/22/15

Please print or type (Form designed for use on elite (12-pitch) typewriter.)

ERIS #HM813.2010 SDK

Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Manifest Tracking Number
CAL000403215	1	8009246804	008517703 FLE

GENERATOR

5. Generator's Name and Mailing Address: Attn:Store Manager, Burlington#182, 99 Southgate Avenue, Daly City, CA 94015

Generator's Phone: 6509970733

Generator's Site Address (if different than mailing address):

6. Transporter 1 Company Name: Stericycle Specialty Waste Solutions Inc — U.S. EPA ID Number: MNS000110924

7. Transporter 2 Company Name: Smith Systems Transportation, Inc. — U.S. EPA ID Number: NED986382133

8. Designated Facility Name and Site Address: 21st Century EMN, LLC, 2095 Newlands Dr. East, Fernley, NV 89408 — U.S. EPA ID Number: NVD980895338

Facility's Phone: 7755752760

9a HM	9b U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes
X	1UN1993, Waste Flammable liquids, n.o.s. 3, PG II, ERG#128	1	CF	00013	P	331 D001
	2Non RCRA hazardous waste, solid	1	CF	00010	P	181
	3Non RCRA hazardous waste, liquid	1	CF	00010	P	331
	4Consumer Electronics for Recycling	1	CF	00007	P	

14. Special Handling Instructions and Additional Information: 1.103294(Flammable Liquids) 2.103298(State Reg Solids) 3. 103297(State Reg Liquid) 4.103300(Universal Electronics)

15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent.
I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.

Generator's/Offeror's Printed/Typed Name: [illegible] — Signature: On Behalf of Burlington — Month/Day/Year: 07/22/2015

INTL

16. International Shipments: ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter signature (for exports only): Date leaving U.S.:

TRANSPORTER

17. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: Jerome Rizon — Signature: [signature] — Month/Day/Year: 07/22/2015

Transporter 2 Printed/Typed Name: — Signature: — Month/Day/Year:

DESIGNATED FACILITY

18. Discrepancy

18a. Discrepancy Indication Space: ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

18b. Alternate Facility (or Generator) — U.S. EPA ID Number:

Facility's Phone:

18c. Signature of Alternate Facility (or Generator) — Month/Day/Year:

19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)

1.	2.	3.	4.

20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a

Printed/Typed Name: — Signature: — Month/Day/Year:

EPA Form 8700-22 (Rev. 3-05) Previous editions are obsolete.

DESIGNATED FACILITY TO DESTINATION STATE (IF REQUIRED)

8700-22_12v3 CAL40000164 S40055762 D040482124 M PD072215 SD072215

Burlington

1830 Route 130 North, Burlington, NJ 08016
Phone: (609) 387-7800 Fax: (609) 239-9675

Jami Franceschi
Director, Supply Chain Budgeting and Expense Analysis
Direct Dial: 609-387-7800 Ext. 73696

June 15, 2017

Monica Banning
Hazardous Materials Specialist
County of San Mateo Health System
Environmental Health Services / Certified Unified Program Agency (CUPA)
2000 Alameda de las Pulgas, Suite 100
San Mateo, CA 94403
Via Email to Mbanning@smcgov.org

Re: Inspection Report Dated June 1, 2017, Burlington Stores #182, Daly City
Documentation of Return to Compliance / Corrective Action

Dear Ms. Banning:

We write in response to the Notice of Violation ("Notice") that you issued to Burlington Store #182, 99 Southgate Avenue, Daly City, California (the "Store") on June 1, 2017, following an inspection on April 14, 2017. In all respects, the Store has taken corrective action and returned to compliance. We confirmed that the appropriate Store employees had received training as required by our program and the applicable regulations. We have also required the Store Manager, Assistant Store Managers, and all employees involved in handling regulated or hazardous waste at the Store to undertake a re-training with a focus on the specific elements identified in the Notice.

Turning to the particulars of the Notice and the corrective action we have taken:

1. **Proper labeling** under 22 CCR 12.662.34(f) – all bins in the accumulation area now have proper labels that are completely filled out including the accumulation start date. Attached are two pictures confirming the same. Where the Store knew the date that the first item was placed in the bin, we used that date. Where the Store did not know, per the suggestion in your Notice, we have used a date near the time of the last pickup. Going forward, the Store will use the date that the first item is placed in the bin. The retraining of the Store employees has emphasized these points.
2. **Manifests** under 22 CCR 12.662.40(a) –signed off copies of the manifest from the destination facility for the manifest numbers referenced in the Notice are now in the binder of all manifests maintained at the Store. They are attached for your reference. Store personnel have been reminded of the need to maintain these manifests in the binder and also reminded about how they can access all copies of manifests in the event that one is not received or is missing.
3. **Determination of waste** under 22 CCR 12.662.11 and 662.40(c) – we have confirmed that candles should be placed in the toxics bin and this was emphasized in the retraining. We have also reminded the Store that they can seek guidance from corporate headquarters if they ever have a question about where an item should go. With respect to watches, it is sometimes very

difficult for watch batteries to be removed effectively and safely. We will therefore place these in the Universal Waste bin going forward.

4. **Segregating waste** under 22 CCR 12.6626.34(d)(2) – the Store has reviewed the entire contents of the bins identified in the Notice. Together with our certified hazardous waste vendor, Stericycle, we have reviewed with the Store employees where each of the items in those bins should go. All wastes are now segregated into their appropriate bins and are no longer co-mingled. The retraining has emphasized the importance of not co-mingling wastes.
5. **Training** under 22 CCR 12.66262.34(d)(2) – as reflected above, we have confirmed that all personnel at the Store responsible for our Hazardous Waste Program had taken the Company's required training. They all re-took the training again on June 13, 2017 to serve as a refresher. We also discussed with Store Management and the Regional Operations Manager the importance to adhere to all required training.

I hereby certify that I am authorized to make these statements on behalf of Burlington Stores, Inc., that the statements above are true and correct to the best of my knowledge, and that I am aware that there can be penalties for knowingly false statements.

Burlington Stores is committed to compliance with all applicable regulations and with its own Hazardous Waste Program. If you have any questions about this response, please feel free to contact me directly at Jami.Franceschi@burlingtonstores.com or 609-387-7800 Ext. 73696

Sincerely,

Jami Franceschi
Director- Supply Chain Budgeting and Expense Analysis
Burlington Stores

San Mateo County, Environmental Health
2000 Alameda de las Pulgas, Suite 100
San Mateo, CA 94403
(650) 372-6200

ENVIRONMENTAL HEALTH
SAN MATEO COUNTY
PROTECTING OUR HEALTH AND ENVIRONMENT

Record ID: PR0080302

HazWaste SQG Inspection Report

Facility Name Burlington Store #182	**Total Violations**	5	**Date:** 04/14/2017	**Total Time:** 120 min
Facility Address 99 Southgate Ave	**Inspection Consent** Peter Morales	0	**Start:**	**Finish:**

City/State Daly City, CA	**Zip Code** 94015	**Phone** (650) 997-0733	**Operator Name** Chris Baker	**Operator Phone** () -

Program: 2225 - GENERATES <27 GAL/YEAR	**Service:** ROUTINE	**Result:** NOT APPLICABLE

NVO = No Violation Observed UD = Undetermined NA = Not Applicable OUT = Out of Compliance COS = Corrected On Site RPT = Repeat Violation

Recordkeeping/ Documentation

The facility has an active EPA ID number (unless exempted HSC 25143.13)	■ NVO □ UD □ NA □ OUT □ COS □ RPT

Training

Owner/Operator has properly trained all employees on waste handling and emergency procedures ***OBSERVATION: At the time of inspection, it could not be demonstrated that employees who handle hazardous waste were properly trained. The generator must ensure that all employees who handle hazardous waste are thoroughly familiar with proper waste handling and emergency procedures. CORRECTIVE ACTION: Immediately provide training to all employees who handle hazardous waste and submit a copy of the training records to the inspector within the comply by date.***	□ NVO □ UD □ NA ■ OUT □ COS □ RPT

Manifest

Owner/Operator properly prepared manifests for transportation of hazardous waste	■ NVO □ UD □ NA □ OUT □ COS □ RPT
Owner/Operator has properly completed all hazardous waste manifests	■ NVO □ UD □ NA □ OUT □ COS □ RPT
Owner/Operator completed all uniform hazardous waste manifest exception reporting requirements	□ NVO □ UD ■ NA □ OUT □ COS □ RPT
Owner/Operator maintained a signed copy of manifests from the designated facility for 3 years ***OBSERVATION: Manifest numbers 008517451FLE and 008517703FLE were found without signed off copies from the destination facility. Hazardous waste generators shall retain copies of all manifests signed off by the destination facility on site for three years and have them readily available for review. Submit to the inspector within the comply by date copies of the signed off manifests.***	□ NVO □ UD □ NA ■ OUT □ COS □ RPT

Peter Morales
Employee

Monica Banning
HAZARDOUS MATERIALS SPECIALIST II

HazWaste SQG Inspection Report

Facility Name		Total Violations	5	Date:	Total Time:
Burlington Store #182				04/14/2017	120 min
Facility Address		**Inspection Consent**	0	**Start:**	**Finish:**
99 Southgate Ave		Peter Morales			
City/State	**Zip Code**	**Phone**	**Operator Name**		**Operator Phone**
Daly City, CA	94015	(650) 997-0733	Chris Baker		() -
Program:		**Service:**	**Result:**		
2225 - GENERATES <27 GAL/YEAR		ROUTINE	NOT APPLICABLE		

NVO = No Violation Observed UD = Undetermined NA = Not Applicable OUT = Out of Compliance COS = Corrected On Site RPT = Repeat Violation

Recordkeeping/ Documentation

Owner/Operator sent generator manifest copies to DTSC within 30 days	■ NVO □ UD □ NA □ OUT □ COS □ RPT
Owner/Operator certified on all manifests that a good faith effort to reduce waste has been made	■ NVO □ UD □ NA □ OUT □ COS □ RPT
Owner/Operator follows all Consolidated manifest procedures	□ NVO □ UD ■ NA □ OUT □ COS □ RPT
Owner/Operator retained paperwork documenting disposal of used oil for 3 years	□ NVO □ UD ■ NA □ OUT □ COS □ RPT
Owner/Operator retained copy of manifest or bill of lading for spent lead acid batteries for 3 years	□ NVO □ UD ■ NA □ OUT □ COS □ RPT

Waste Determination

Owner/Operator determined whether waste is a hazardous waste and retained waste analysis for 3 years ***Candles were found in both state regulated waste/toxics and flammable bin. Make a waste determination for the candles and submit documentation to the inspector within the comply by date.*** ***Please advise also why batteries are not removed from watches before being placed in the state regulated waste/toxics bin.***	□ NVO □ UD □ NA ■ OUT □ COS □ RPT
Generator made a determination if the waste is restricted from land disposal	■ NVO □ UD □ NA □ OUT □ COS □ RPT

Reporting

Generator provided required information for recyclable material to claim the exclusion/exemption	□ NVO □ UD ■ NA □ OUT □ COS □ RPT

Hazardous Waste Management

Peter Morales
Employee

Monica Banning
HAZARDOUS MATERIALS SPECIALIST II

HazWaste SQG Inspection Report

Facility Name		Total Violations	5	Date:	Total Time:
Burlington Store #182				04/14/2017	120 min
Facility Address		**Inspection Consent**	0	**Start:**	**Finish:**
99 Southgate Ave		Peter Morales			
City/State	**Zip Code**	**Phone**	**Operator Name**		**Operator Phone**
Daly City, CA	94015	(650) 997-0733	Chris Baker		() -
Program:		**Service:**	**Result:**		
2225 - GENERATES <27 GAL/YEAR		ROUTINE	NOT APPLICABLE		

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Hazardous Waste Management

Accumulation Time Limits

Generator properly labeled all containers or tanks containing hazardous waste as required ***Two bins of toxic and state regulated waste, one bin of universal waste, two bins of aerosols/flammables/combustibles, one bin of oxidizers, and two bins of corrosive bases did not have their labels filled out (all of the hazardous waste containers). All hazardous waste containers must be properly labeled. Immediately label all hazardous waste containers and submit documentation (photos) to the inspector within the comply by date.*** ***When filing out labels, use the date from around the time of the last pickup.***	□ NVO □ UD □ NA ■ OUT □ COS □ RPT
Generator did not store hazardous waste onsite for greater than 180 days	□ NVO □ UD ■ NA □ OUT □ COS □ RPT
Generator disposed of hazardous waste after 100 Kg threshold amount was accumulated within 90 days	■ NVO □ UD □ NA □ OUT □ COS □ RPT

Container Management

Generator has accumulated all hazardous waste in a containers that are in good condition	■ NVO □ UD □ NA □ OUT □ COS □ RPT
Generator had no hazardous waste stored in unlined or incompatible containers	■ NVO □ UD □ NA □ OUT □ COS □ RPT
All containers of hazardous waste were closed except when addiing or removing waste	■ NVO □ UD □ NA □ OUT □ COS □ RPT
Generator inspects all hazardous waste containers at least weekly	■ NVO □ UD □ NA □ OUT □ COS □ RPT

Peter Morales
Employee

Monica Banning
HAZARDOUS MATERIALS SPECIALIST II

HazWaste SQG Inspection Report

Facility Name		Total Violations	5	Date:	Total Time:
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City/State	**Zip Code**	**Phone**	**Operator Name**		**Operator Phone**
Daly City, CA	94015	(650) 997-0733	Chris Baker		() -
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2225 - GENERATES <27 GAL/YEAR		ROUTINE	NOT APPLICABLE		

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Hazardous Waste Management

Generator manages incompatible waste in containers properly as required in Title 22 ***Oxidizers bin contains state regulated waste/toxics. Flammables were in both state regulated waste/toxics and oxidizers bin. State regulated waste/toxics were placed in flammable bin. OBSERVATION: No determination was made as to the compatibility of the wastes stored together. CORRECTIVE ACTION: Immediately transfer or separate incompatible wastes to other containers and submit documentation to the inspector within the comply by date that wastes are properly sorted and segregated.***	□ NVO □ UD □ NA ■ OUT □ COS □ RPT

Tank Management

All continuously fed hazardous waste tanks are provided with an overfill protection device	□ NVO □ UD ■ NA □ OUT □ COS □ RPT
Generator conducts daily inspections of the discharge systems, monitoring equipment, and tank levels	□ NVO □ UD ■ NA □ OUT □ COS □ RPT
Generator conducts weekly inspections of the construction materials, fixtures, and surrounding areas	□ NVO □ UD ■ NA □ OUT □ COS □ RPT
Generator removed all hazardous waste from tanks, equipment, and confinement structures	□ NVO □ UD ■ NA □ OUT □ COS □ RPT
Generator maintains 2 ft of freeboard unless the tank is equipped with addtional containment	□ NVO □ UD ■ NA □ OUT □ COS □ RPT

Handling

Owner/Operator does not remove, transfer, or dispose of any hazardous waste without authorization	■ NVO □ UD □ NA □ OUT □ COS □ RPT
Generator handles contaminated used oil as a hazardous waste	□ NVO □ UD ■ NA □ OUT □ COS □ RPT

Recyclable Hazardous Wastes

Generator meets hazardous waste requirements for handling/storing/transporting lead acid batteries	□ NVO □ UD ■ NA □ OUT □ COS □ RPT

Peter Morales
Employee

Monica Banning
HAZARDOUS MATERIALS SPECIALIST II

HazWaste SQG Inspection Report

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Hazardous Waste Management	
Generator follows all spent lead-acid battery storage requirements	□ NVO □ UD ■ NA □ OUT □ COS □ RPT
Generator properly manages, stores and labeles all damaged lead-acid batteries	□ NVO □ UD ■ NA □ OUT □ COS □ RPT
Generator properly handles, manages, labels, and recycles used oil and fuel filters	□ NVO □ UD ■ NA □ OUT □ COS □ RPT
Generator meets all the requirements for claimed excluded recyclable materials	□ NVO □ UD ■ NA □ OUT □ COS □ RPT
Disposal	
Generator used a registered hazardous waste hauler to transport all hazardous waste	■ NVO □ UD □ NA □ OUT □ COS □ RPT
Generator has properly disposed of all hazardous waste at an authorized location	■ NVO □ UD □ NA □ OUT □ COS □ RPT
General Facility Operations	
Site Safety	
Generator has posted emergency information containing location of equipment, contact names/numbers	■ NVO □ UD □ NA □ OUT □ COS □ RPT
Generator maintains and operates the facility to minimize the possibility of fire/explosion/release	■ NVO □ UD □ NA □ OUT □ COS □ RPT
Generator maintains at the facility the required emergency equipment or equivalents	■ NVO □ UD □ NA □ OUT □ COS □ RPT
Generator tests and maintains all required safety equipment at facility in accordance with Title 22	■ NVO □ UD □ NA □ OUT □ COS □ RPT
Generator maintains proper aisle space in accordance with Title 22 regulations	■ NVO □ UD □ NA □ OUT □ COS □ RPT

Peter Morales
Employee

Monica Banning
HAZARDOUS MATERIALS SPECIALIST II

HazWaste SQG Inspection Report

Facility Name		Total Violations	5	Date:	Total Time:
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General Facility Operations	
Owner/Operator has an emergency coordinator or a designee onsite during operating hours	■ NVO □ UD □ NA □ OUT □ COS □ RPT
Universal Waste	
>5000 Kg	
UWH notified the EPA and obtained a federal ID number prior to storing 5,000 kg	□ NVO □ UD ■ NA □ OUT □ COS □ RPT
UWH obtained an EPA ID number from DTSC prior to storing 5,000 kg of non-RCRA Universal Waste	□ NVO □ UD ■ NA □ OUT □ COS □ RPT
Training	
UWH complied with all universal waste training requirements	□ NVO □ UD ■ NA □ OUT □ COS □ RPT
UW Management	
UWH labeled all universal waste and identified type of universal waste	□ NVO □ UD ■ NA □ OUT □ COS □ RPT
UWH properly prepares, handles and retains shipping papers for all universal waste shipped	□ NVO □ UD ■ NA □ OUT □ COS □ RPT
UWH manages aerosol cans to prevent fire, explosion, and the unauthorized release of waste	□ NVO □ UD ■ NA □ OUT □ COS □ RPT
UWH meets all accumulation standards for universal waste aerosol cans in accordance with Title 22	□ NVO □ UD ■ NA □ OUT □ COS □ RPT
UWH transfers all universal waste to the appropriate designation facility	□ NVO □ UD ■ NA □ OUT □ COS □ RPT
UWH properly processed accumulated waste within one year and/or demonstrated accumulation time	□ NVO □ UD ■ NA □ OUT □ COS □ RPT
Electronic Devices/CRT	
UWH that accepts 100 or generates 5000 Kg/year submitted required information to DTSC by 02/01	□ NVO □ UD ■ NA □ OUT □ COS □ RPT

Peter Morales
Employee

Monica Banning
HAZARDOUS MATERIALS SPECIALIST II

HazWaste SQG Inspection Report

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Universal Waste	
UWH of electronic devices/CRTs/CRT glass prevents the release of the waste to the environment	□ NVO □ UD ■ NA □ OUT □ COS □ RPT
UHW of devices/CRTs/CRT glass that does't treat waste, submitted to DTSC all required information	□ NVO □ UD ■ NA □ OUT □ COS □ RPT
UWH sending devices/CRTs/CRT glass to any foreign destination completed and submitted information	□ NVO ■ UD □ NA □ OUT □ COS □ RPT
The export notification report was prepared by the UWH to include the required informaiton	□ NVO □ UD ■ NA □ OUT □ COS □ RPT
Miscellaneous	
General Training	□ NVO ■ UD □ NA □ OUT □ COS □ RPT
General Administration/Documentation	□ NVO ■ UD □ NA □ OUT □ COS □ RPT
General Release/Leaks/Spills	□ NVO ■ UD □ NA □ OUT □ COS □ RPT
General Abandonment/Illegal Disposal/Unauthorized Treatment	□ NVO ■ UD □ NA □ OUT □ COS □ RPT
General Operations/Maintenance	□ NVO ■ UD □ NA □ OUT □ COS □ RPT
Inspector Comments	□ NVO ■ UD □ NA □ OUT □ COS □ RPT

SUMMARY OF VIOLATIONS

You must submit documentation of compliance by the "Comply by Date" cited below, if any. Appropriate documentation can be submitted via fax (650) 627-8244 or e-mailed to your inspector.

Remarks	Class of Violation / Comply By

Peter Morales
Employee

Monica Banning
HAZARDOUS MATERIALS SPECIALIST II

Failure to ensure employees are familiar with the handling and compliance of hazardous waste regulations and emergency response. 22 CCR 12 66262.34(d)(2); 40 CFR 1 262.34(d)(5)(iii): ***OBSERVATION: At the time of inspection, it could not be demonstrated that employees who handle hazardous waste were properly trained. The generator must ensure that all employees who handle hazardous waste are thoroughly familiar with proper waste handling and emergency procedures. CORRECTIVE ACTION: Immediately provide training to all employees who handle hazardous waste and submit a copy of the training records to the inspector within the comply by date.***	CUPA MINOR 5/14/17
Failure to maintain uniform hazardous waste manifest, consolidated manifest, or bills of lading copies for three years. 22 CCR 12 66262.40(a): ***OBSERVATION: Manifest numbers 008517451FLE and 008517703FLE were found without signed off copies from the destination facility. Hazardous waste generators shall retain copies of all manifests signed off by the destination facility on site for three years and have them readily available for review. Submit to the inspector within the comply by date copies of the signed off manifests.***	CUPA MINOR 5/14/17
Failure to determine if the waste generated is a hazardous waste and to maintain analysis results for three years. 22 CCR 12 66262.11, 66262.40(c): ***Candles were found in both state regulated waste/toxics and flammable bin. Make a waste determination for the candles and submit documentation to the inspector within the comply by date.*** ***Please advise also why batteries are not removed from watches before being placed in the state regulated waste/toxics bin.***	CUPA MINOR 5/14/17
Failure to properly label hazardous waste accumulation containers with the following requirements: "Hazardous Waste", name and address of the generator, physical and chemical characteristics of the Hazardous Waste, and starting accumulation date. 22 CCR 12 66262.34(f): ***Two bins of toxic and state regulated waste, one bin of universal waste, two bins of aerosols/flammables/combustibles, one bin of oxidizers, and two bins of corrosive bases did not have their labels filled out (all of the hazardous waste containers). All hazardous waste containers must be properly labeled. Immediately label all hazardous waste containers and submit documentation (photos) to the inspector within the comply by date.*** ***When filing out labels, use the date from around the time of the last pickup.***	CUPA MINOR 5/14/17

Peter Morales
Employee

Monica Banning
HAZARDOUS MATERIALS SPECIALIST II

Failure to ensure incompatible waste and/or materials are not placed or stored in the same container or nearby or into an unwashed container, which previously contained incompatible waste and/or materials, so that it does not potentially result in the following: 1) Generate extreme heat or pressure, fire or explosion, or violent reaction; 2) Produce uncontrolled toxic mists, fumes, dusts, or gases in sufficient quantities to threaten human health or the environment; 3) Produce uncontrolled flammable fumes or gases in sufficient quantities to pose a risk of fire or explosions; 4) Damage the structural integrity of the device or facility containing the waste; or 5) Through other like means threaten human health or the environment. 22 CCR 12 66262.34(d)(2); 40 CFR 1 265.17(b), 265.177: ***Oxidizers bin contains state regulated waste/toxics.*** ***Flammables were in both state regulated waste/toxics and oxidizers bin.*** ***State regulated waste/toxics were placed in flammable bin.*** ***OBSERVATION: No determination was made as to the compatibility of the wastes stored together. CORRECTIVE ACTION: Immediately transfer or separate incompatible wastes to other containers and submit documentation to the inspector within the comply by date that wastes are properly sorted and segregated.***	CUPA MINOR 5/14/17

OBSERVATIONS

OVERALL INSPECTION COMMENTS

No Overall Inspection Comments

Peter Morales
Employee

Monica Banning
HAZARDOUS MATERIALS SPECIALIST II

COUNTY OF SAN MATEO
HEALTH SYSTEM

Heather Forshey, MS, REHS
Director

Environmental Health
2000 Alameda de las Pulgas
Suite 100
San Mateo, CA 94403
www.smchealth.org
www.facebook.com/smchealth

June 1, 2017

Certified #: 70142120000476163765

NOTICE OF VIOLATION

Burlington Stores
1830 Route 130 North
Burlington, NJ 08016

Subject Site: FA0057880, Burlington Store #182 99 Southgate Ave, Daly City

San Mateo County Environmental Health Services performed a Hazardous Waste inspection of the above-referenced facility on April 14, 2017. During the inspection, the following violations were noted:

Hazardous Waste Regulations (California Health and Safety Code, Division 20, Chapter 6.5 (HSC) and California Code of Regulations, Title 22)

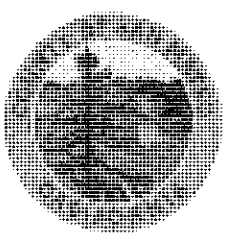
1. Failure to properly label hazardous waste accumulation containers with the following requirements: "Hazardous Waste", name and address of the generator, physical and chemical characteristics of the Hazardous Waste, and starting accumulation date. 22 CCR 12 66262.34(f)

   Violation Comments: Two bins of toxic and state regulated waste, one bin of universal waste, two bins of aerosols/flammables/combustibles, one bin of oxidizers, and two bins of corrosive bases did not have their labels filled out (all of the hazardous waste containers). All hazardous waste containers must be properly labeled. Immediately label all hazardous waste containers and submit documentation (photos) to the inspector within the comply by date. When filing out labels, use the date from around the time of the last pickup.

2. Failure to maintain uniform hazardous waste manifest, consolidated manifest, or bills of lading copies for three years. 22 CCR 12 66262.40(a)

   Violation Comments: OBSERVATION: Manifest numbers 008517451FLE and 008517703FLE were found without signed off copies from the destination facility. Hazardous waste generators shall retain copies of all manifests signed off by the destination facility on site for three years and have them readily available for review. Submit to the inspector within the comply by date copies of the signed off manifests.

3. Failure to determine if the waste generated is a hazardous waste and to maintain analysis results for three years. 22 CCR 12 66262.11, 66262.40(c)



Violation Comments: Candles were found in both state regulated waste/toxics and flammable bin. Make a waste determination for the candles and submit documentation to the inspector within the comply by date. Please advise also why batteries are not removed from watches before being placed in the state regulated waste/toxics bin.

4. Failure to ensure incompatible waste and/or materials are not placed or stored in the same container or nearby or into an unwashed container, which previously contained incompatible waste and/or materials, so that it does not potentially result in the following:
1) Generate extreme heat or pressure, fire or explosion, or violent reaction;
2) Produce uncontrolled toxic mists, fumes, dusts, or gases in sufficient quantities to threaten human health or the environment;
3) Produce uncontrolled flammable fumes or gases in sufficient quantities to pose a risk of fire or explosions;
4) Damage the structural integrity of the device or facility containing the waste; or
5) Through other like means threaten human health or the environment. 22 CCR 12 66262.34(d)(2); 40 CFR 1 265.17(b), 265.177

   Violation Comments: Oxidizers bin contains state regulated waste/toxics. Flammables were in both state regulated waste/toxics and oxidizers bin. State regulated waste/toxics were placed in flammable bin. OBSERVATION: No determination was made as to the compatibility of the wastes stored together. CORRECTIVE ACTION: Immediately transfer or separate incompatible wastes to other containers and submit documentation to the inspector within the comply by date that wastes are properly sorted and segregated.

5. Failure to ensure employees are familiar with the handling and compliance of hazardous waste regulations and emergency response. 22 CCR 12 66262.34(d)(2); 40 CFR 1 262.34(d)(5)(iii)

   Violation Comments: OBSERVATION: At the time of inspection, it could not be demonstrated that employees who handle hazardous waste were properly trained. The generator must ensure that all employees who handle hazardous waste are thoroughly familiar with proper waste handling and emergency procedures. CORRECTIVE ACTION: Immediately provide training to all employees who handle hazardous waste and submit a copy of the training records to the inspector within the comply by date.

The above listed items are violations of the California Health and Safety Code and the California Code of Regulations. Your failure to submit documentation of compliance or request a reinspection of all the violations listed above within 15 days of the receipt of this notice will result in an Administrative Enforcement Order, or a referral for further enforcement action. **Re-inspection fee of $167.00 may apply for facilities failing to provide documentation of corrective action <15 days.**

Please Note: There are Civil and Criminal penalties for failure to comply with California Health and Safety Code and/or California Code of Regulations.

(A) Failure to comply with Hazardous Waste Regulations may result in civil penalties not to exceed twenty five thousand dollars ($25,000) for each violation. Failure to comply with Hazardous Waste Regulations may result in civil penalties not to exceed twenty five thousand dollars ($25,000) for each violation.

If you have any questions about what you must do to correct the above violations, please contact me at (650) 207-8741 or MBANNING@SMCGOV.ORG.

Signed,

Monica Banning
Hazardous Materials Specialist

COUNTY OF SAN MATEO
HEALTH SYSTEM

Heather Forshey, MS, REHS
Director

Environmental Health
2000 Alameda de las Pulgas
Suite 100
San Mateo, CA 94403
www.smchealth.org
www.facebook.com/smchealth

June 16th , 2017

Burlington Stores
1830 Route 130 North,
Burlington, NJ 08016

SUBJECT: Burlington Coat Factory Store # 182
To Whom It May Concern,

In response to your corrective actions taken and return to compliance documentation for violations that were noted at Store #182 in Daly City, CA San Mateo County EH has reviewed your documentation and found it to be sufficient to resolve these violations and there is no further actions required at this time. We appreciate your efforts to train staff on hazardous waste issues at the facility and maintain in compliance with applicable regulations.

Thank you for your cooperation on this matter. At this time, your inspector is Monica Banning. She can be reached at (650) 650-207-8741 or mbanning@smcgov.org . Feel free to contact Monica or myself if you have any questions or concerns.

Sincerely,

Dan Rompf
Hazardous Materials Specialist IV
County of San Mateo
2000 Alameda de las Pulgas, #100
San Mateo, CA 94403
(650) 339-0327

COUNTY OF SAN MATEO
HEALTH SYSTEM

Heather Forshey, MS, REHS
Director

Environmental Health
2000 Alameda de las Pulgas
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June 16th , 2017

Burlington Stores
1830 Route 130 North,
Burlington, NJ 08016

SUBJECT: Burlington Coat Factory Store # 182
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Thank you for your cooperation on this matter. At this time, your inspector is Monica Banning. She can be reached at (650) 650-207-8741 or mbanning@smcgov.org . Feel free to contact Monica or myself if you have any questions or concerns.

Sincerely,

Dan Rompf
Hazardous Materials Specialist IV
County of San Mateo
2000 Alameda de las Pulgas, #100
San Mateo, CA 94403
(650) 339-0327

SAN MATEO COUNTY HEALTH
ENVIRONMENTAL HEALTH SERVICES

Hazardous Materials Program (CUPA)
2000 Alameda de las Pulgas #100
San Mateo, CA 94403
(650) 372-6200 FAX (650) 627-8244
smchealth.org/hazardous-materials-cupa

INSPECTION REPORT

HazWaste SQG Inspection Report

Facility Name Burlington Store #182	**Record ID:** PR0080302	**Total Violations**	0	**Date:** 04/17/2019	**Total Time:** 90 min
Facility Address 99 Southgate Ave		**Inspection Consent** Red Agdeppa	0	**Start:**	**Finish:**

City/State	**Zip Code**	**Phone**	**Environmental Contact**	**Operator Phone**
Daly City, CA	94015	(650) 997-0733	ASHLEY CAMPBELL	() -

Program:	**Service:**	**Result:**
2225 - GENERATES <27 GAL/YEAR	ROUTINE	NOT APPLICABLE

NVO = No Violation Observed UD = Undetermined NA = Not Applicable OUT = Out of Compliance COS = Corrected On Site RPT = Repeat Violation

Recordkeeping/ Documentation	
Obtained and/or maintained an active EPA ID number (unless exempted HSC 25143.13)	■ NVO □ UD □ NA □ OUT □ COS □ RPT
Training	
Employees thoroughly familiar with all waste handling and emergency procedures	■ NVO □ UD □ NA □ OUT □ COS □ RPT
Manifest	
Prepared a Uniform Hazardous Waste Manifest for transportation of hazardous waste	■ NVO □ UD □ NA □ OUT □ COS □ RPT
Properly completed all Uniform Hazardous Waste Manifests	■ NVO □ UD □ NA □ OUT □ COS □ RPT
Completed all Uniform Hazardous Waste Manifest exception reporting requirements	■ NVO □ UD □ NA □ OUT □ COS □ RPT
Signed copy of Uniform Hazardous Waste Manifest kept for 3 years	■ NVO □ UD □ NA □ OUT □ COS □ RPT
Sent a legible copy of each Uniform Hazardous Waste Manifest to the DTSC within 30 days of shipment	■ NVO □ UD □ NA □ OUT □ COS □ RPT
Certification of waste minimization on all manifests	■ NVO □ UD □ NA □ OUT □ COS □ RPT
All consolidated manifest requirements are met	□ NVO □ UD ■ NA □ OUT □ COS □ RPT
Exempt used oil management operating log records are retained for 3 years	□ NVO □ UD ■ NA □ OUT □ COS □ RPT

Red Agdeppa
Store Manager

Monica Banning
HAZARDOUS MATERIALS SPECIALIST II

HazWaste SQG Inspection Report

Facility Name	Record ID:	Total Violations		Date:	Total Time:
Burlington Store #182	PR0080302		0	04/17/2019	90 min
Facility Address		**Inspection Consent**		**Start:**	**Finish:**
99 Southgate Ave		Red Agdeppa	0		

City/State	Zip Code	Phone	Environmental Contact	Operator Phone
Daly City, CA	94015	(650) 997-0733	ASHLEY CAMPBELL	() -

Program:	Service:	Result:
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Recordkeeping/ Documentation	
Owner/Operator retained copy of manifest or bill of lading for spent lead acid batteries for 3 years	□ NVO □ UD ■ NA □ OUT □ COS □ RPT
Waste Determination	
Determined if waste generated is hazardous waste	■ NVO □ UD □ NA □ OUT □ COS □ RPT
Kept records of any test results, waste analyses, or other determinations	■ NVO □ UD □ NA □ OUT □ COS □ RPT
Determined land disposal restrictions for hazardous waste	■ NVO □ UD □ NA □ OUT □ COS □ RPT
Reporting	
Program data reported electonically when required	□ NVO □ UD ■ NA □ OUT □ COS □ RPT
Submitted Recyclable Materials Report every two years	□ NVO □ UD ■ NA □ OUT □ COS □ RPT
Remote Waste Consolidation Site Annual Notification submitted	□ NVO □ UD ■ NA □ OUT □ COS □ RPT
Hazardous Waste Management	
Disposal	
Registered hazardous waste transporter used to transport hazardous waste	■ NVO □ UD □ NA □ OUT □ COS □ RPT
Disposed of hazardous waste at an authorized location	■ NVO □ UD □ NA □ OUT □ COS □ RPT
Quarantined HW not removed, transferred, or disposed without permission by authorized agent	□ NVO □ UD ■ NA □ OUT □ COS □ RPT
Accumulation Time Limits	
Disposed of acutely/extremely hazardous waste within 90 days of accumulating 1 Kg	□ NVO □ UD ■ NA □ OUT □ COS □ RPT
Disposed of hazardous waste within 180 days of accumulation	■ NVO □ UD □ NA □ OUT □ COS □ RPT

Red Agdeppa
Store Manager

Monica Banning
HAZARDOUS MATERIALS SPECIALIST II

HazWaste SQG Inspection Report

Facility Name	Record ID:	Total Violations		Date:	Total Time:
Burlington Store #182	PR0080302		0	04/17/2019	90 min
Facility Address		**Inspection Consent**		**Start:**	**Finish:**
99 Southgate Ave		Red Agdeppa	0		

City/State	Zip Code	Phone	Environmental Contact	Operator Phone
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Hazardous Waste Management	
Met all requirements for hazardous waste satellite accumulation	□ NVO □ UD ■ NA □ OUT □ COS □ RPT
Container Management	
Labeled all containers or portable tanks containing hazardous waste	■ NVO □ UD □ NA □ OUT □ COS □ RPT
Accumulated hazardous waste in containers that are in good condition	■ NVO □ UD □ NA □ OUT □ COS □ RPT
Hazardous waste accumulated in lined and/or compatible containers	■ NVO □ UD □ NA □ OUT □ COS □ RPT
Containers of hazardous waste closed except when adding or removing waste	■ NVO □ UD □ NA □ OUT □ COS □ RPT
Inspects all hazardous waste storage areas at least weekly	■ NVO □ UD □ NA □ OUT □ COS □ RPT
Incompatible waste in containers managed properly to prevent a reaction	■ NVO □ UD □ NA □ OUT □ COS □ RPT
Empty containers > 5 gallons properly managed	□ NVO □ UD ■ NA □ OUT □ COS □ RPT
Tank Management	
Stationary tanks marked as "Hazardous Waste" and marked with accumulation start date	□ NVO □ UD ■ NA □ OUT □ COS □ RPT
Continuously fed hazardous waste tanks are equipped with an overfill protection device	□ NVO □ UD ■ NA □ OUT □ COS □ RPT
Daily inspections of the hazardous waste tank systems conducted	□ NVO □ UD ■ NA □ OUT □ COS □ RPT
Weekly inspections of the hazardous waste tank system conducted	□ NVO □ UD ■ NA □ OUT □ COS □ RPT
Removed hazardous waste from tanks, equipment, and discharge confinement structures upon closure	□ NVO □ UD ■ NA □ OUT □ COS □ RPT

Red Agdeppa
Store Manager

Monica Banning
HAZARDOUS MATERIALS SPECIALIST II

HazWaste SQG Inspection Report

Facility Name	Record ID:	Total Violations		Date:	Total Time:
Burlington Store #182	PR0080302		0	04/17/2019	90 min
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City/State	Zip Code	Phone	Environmental Contact	Operator Phone
Daly City, CA	94015	(650) 997-0733	ASHLEY CAMPBELL	() -

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2225 - GENERATES <27 GAL/YEAR	ROUTINE	NOT APPLICABLE

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Hazardous Waste Management	
Uncovered hazardous waste tanks have 2 feet of freeboard unless equipped with adequate containment	□ NVO □ UD ■ NA □ OUT □ COS □ RPT
Recyclable Materials	
Recyclable material is managed pursuant to HSC 6.5 25143.2(b), (c), or (d).	□ NVO □ UD ■ NA □ OUT □ COS □ RPT
Used Oil	
Generator does not intentionally contaminate used oil with other hazardous wastes	□ NVO □ UD ■ NA □ OUT □ COS □ RPT
Used Oil and Fuel Filters	
Properly manages used oil and fuel filters	□ NVO □ UD ■ NA □ OUT □ COS □ RPT
Lead Acid Batteries	
Meets requirements for handling/storing/transporting lead acid batteries	□ NVO □ UD ■ NA □ OUT □ COS □ RPT
Meets all requirements when accepting spent lead-acid batteries	□ NVO □ UD ■ NA □ OUT □ COS □ RPT
Properly manages, stores and labels all damaged lead-acid batteries	□ NVO □ UD ■ NA □ OUT □ COS □ RPT
Certified Appliance Recyclers	
Obtained Certified Appliance Recycler certification (CAR) from the DTSC	□ NVO □ UD ■ NA □ OUT □ COS □ RPT
CAR properly managed all MSRH as hazardous waste	□ NVO □ UD ■ NA □ OUT □ COS □ RPT
CAR maintains documentation regarding removal and management of MRSH from appliances	□ NVO □ UD ■ NA □ OUT □ COS □ RPT
Reusable Soiled Textiles	
Properly managed reusable soiled textile materials prior to being sent for laundering	□ NVO □ UD ■ NA □ OUT □ COS □ RPT

Red Agdeppa
Store Manager

Monica Banning
HAZARDOUS MATERIALS SPECIALIST II

HazWaste SQG Inspection Report

Facility Name	Record ID:	Total Violations		Date:	Total Time:
Burlington Store #182	PR0080302		0	04/17/2019	90 min
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City/State	Zip Code	Phone	Environmental Contact	Operator Phone
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Hazardous Waste Management

Laboratory Waste

Laboratory waste managed in accordance with HSC 25200.3.1(b)	□ NVO □ UD ■ NA □ OUT □ COS □ RPT
Laboratory waste treated in accordance with HSC 25200.3.1(c)	□ NVO □ UD ■ NA □ OUT □ COS □ RPT

General Facility Operations

Site Safety

Posted emergency information next to the telephone	■ NVO □ UD □ NA □ OUT □ COS □ RPT
Emergency coordinator on the premises or on call	■ NVO □ UD □ NA □ OUT □ COS □ RPT
Facility equipped with all required emergency equipment	■ NVO □ UD □ NA □ OUT □ COS □ RPT
Tests and maintains all required safety equipment at the facility	■ NVO □ UD □ NA □ OUT □ COS □ RPT
Maintains adequate aisle space	■ NVO □ UD □ NA □ OUT □ COS □ RPT
Maintains and operates the facility to minimize the possibility of fire/explosion/release	■ NVO □ UD □ NA □ OUT □ COS □ RPT

Universal Waste

>5000 Kg

UWH notified the EPA and obtained a federal ID number prior to storing 5,000 kg or more of UW	□ NVO □ UD ■ NA □ OUT □ COS □ RPT
UWH obtained an EPA ID number from the DTSC prior to storing 5,000 kg or more of non-RCRA UW	□ NVO □ UD ■ NA □ OUT □ COS □ RPT

Electronic Devices/CRT

UWH of devices/CRTs/CRT glass that do not treat waste submitted all required information to DTSC	□ NVO □ UD ■ NA □ OUT □ COS □ RPT
UWH accepts 100kg or generates 5000 kg/yr of E-waste, CRTs, & submitts report to DTSC Feb 1 annually	□ NVO □ UD ■ NA □ OUT □ COS □ RPT

Red Agdeppa
Store Manager

Monica Banning
HAZARDOUS MATERIALS SPECIALIST II

HazWaste SQG Inspection Report

Facility Name	Record ID:	Total Violations		Date:	Total Time:
Burlington Store #182	PR0080302		0	04/17/2019	90 min
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City/State	Zip Code	Phone	Environmental Contact	Operator Phone
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2225 - GENERATES <27 GAL/YEAR	ROUTINE	NOT APPLICABLE

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Universal Waste	
UWH sending devices/CRTs/CRT glass to any foreign destination completed and submitted notification	□ NVO □ UD ■ NA □ OUT □ COS □ RPT
UW Management	
UWH labeled all universal waste	□ NVO □ UD ■ NA □ OUT □ COS □ RPT
UWH accumulated universal waste for no longer than 1 year	□ NVO □ UD ■ NA □ OUT □ COS □ RPT
UWH meets all accumulation standards for universal waste aerosol cans	□ NVO □ UD ■ NA □ OUT □ COS □ RPT
Universal waste aerosol cans managed to prevent fire, explosion and unauthorized release	□ NVO □ UD ■ NA □ OUT □ COS □ RPT
UWH properly prepares, handles and retains shipping papers for all universal waste shipped	□ NVO □ UD ■ NA □ OUT □ COS □ RPT
UWH transfers or disposes all universal waste to an appropriate destination facility	□ NVO □ UD ■ NA □ OUT □ COS □ RPT
UWH properly cleaned up and contained spills of electronic devices, CRTs and/or CRT glass	□ NVO □ UD ■ NA □ OUT □ COS □ RPT
Training	
UWH complied with all universal waste training requirements	□ NVO □ UD ■ NA □ OUT □ COS □ RPT
General Facility Requirements	
Administration/Documentation - General	■ NVO □ UD □ NA □ OUT □ COS □ RPT
Administration/Documentation - General Local Ordinance	■ NVO □ UD □ NA □ OUT □ COS □ RPT
Training - General	■ NVO □ UD □ NA □ OUT □ COS □ RPT
Training - General Local Ordinance	■ NVO □ UD □ NA □ OUT □ COS □ RPT

Red Agdeppa
Store Manager

Monica Banning
HAZARDOUS MATERIALS SPECIALIST II

HazWaste SQG Inspection Report

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General Facility Requirements

Operations/Maintenance - General	■ NVO □ UD □ NA □ OUT □ COS □ RPT
Operations/Maintenance - General Local Ordinance	■ NVO □ UD □ NA □ OUT □ COS □ RPT
Release/Leaks/Spills - General	■ NVO □ UD □ NA □ OUT □ COS □ RPT
Release/Leaks/Spills - General Local Ordinance	■ NVO □ UD □ NA □ OUT □ COS □ RPT
Abandonment/Illegal Disposal/Unauthorized Treatment - General	■ NVO □ UD □ NA □ OUT □ COS □ RPT
Abandonment/Illegal Disposal/Unauthorized Treatment - General Local Ordinance	■ NVO □ UD □ NA □ OUT □ COS □ RPT

SUMMARY OF VIOLATIONS

You must submit documentation of compliance by the "Comply by Date" cited below, if any. Appropriate documentation can be submitted via fax (650) 627-8244 or e-mailed to your inspector.

No Violations Recorded

OBSERVATIONS

OVERALL INSPECTION COMMENTS

Hazardous waste streams generated:
Stage regulated toxics
Aerosols/flammables
Occasionally generates corrosives and universal waste
Facility is disposing of candles and olive oil as a hazardous waste
Email: storemgr.182@burlingtonstores.com

Red Agdeppa
Store Manager

Monica Banning
HAZARDOUS MATERIALS SPECIALIST II

SAN MATEO COUNTY
ENVIRONMENTAL HEALTH

APR 25 2019

RECEIVED

SAN MATEO COUNTY HEALTH
ENVIRONMENTAL HEALTH SERVICES

Environmental Health Services
Food Program
2000 Alameda de las Pulgas Suite #100
San Mateo, CA 94403
(650) 372-6200 | FAX (650) 627-8244
smchealth.org/food

FOOD PROGRAM APPLICATION

Office use only: FA 0065960 PR 0088990 SR 28174

SERVICE REQUESTED

☐ New Business ☐ Change of Ownership ☐ Change of Business Name previous business name _____

☐ Plan Review (fill out entire application) ☒ other: please specify recently added pre-packaged food Opening date* 11/13/1992

*ATTN: FINAL APPROVAL TO OPEN AND OPERATE MUST BE GRANTED BY THIS DEPARTMENT IN WRITING PRIOR TO OPENING DATE

TYPE OF ESTABLISHMENT:

☐ Restaurant seating capacity _____ ☐ Mobile Food ☐ Kitchen Rental ☐ Bed/Breakfast

☒ Retail Food/Market square footage of retail area 49,610 ☐ School ☐ other: please specify _____

☐ Tobacco Sales Permit

OWNER #1 INFORMATION:

Name: Burlington Coat Factory of TX, Inc
Home Address: 1830 Rte 130 N
City/St/Zip: Burlington, NJ 08016
Phone #: (213) 614-7934 Alt. # _____
Email Address: N/A

OWNER #2 INFORMATION (if applicable):

Name: N/A
Home Address: N/A
City/St/Zip: N/A
Phone #: N/A Alt. # N/A
Email Address: N/A

FACILITY INFORMATION:

Facility Name: Burlington Coat Factory #192
Facility Address: 99 Southgate Ave Westlake Shopping Center
City/St/Zip: Daly City, CA 94015-1415
Phone Number: (650) 997-0733

SEND ANNUAL HEALTH PERMIT BILL TO:

☒ Owner 1 address ☐ Owner 2 address
☐ Facility Address ☐ other-please specify below

* N/A
Business Email address: Indirect.tax@Burlington.c

PLAN REVIEW REQUESTOR INFORMATION

Plan review requirements: 3 sets of plans, 1 set of equipment specifications and plan review fee

☐ NEW BUSINESS/MAJOR REMODEL (PE 1597) ☐ REMODEL (PE 1594) (additional fees may apply) ☐ EXPEDITE (additional fees apply)

Company Name: Burlington Coat Factory of TX, Inc
Company Address: 1830 Rte 130N
City/St/Zip Burlington, NJ 08016
Contact Person: Irma Donnat
Email Address: Irma.donnat@Burlington.com
Phone #: (609-387-7800 ext 5349 Alt. # _____

By signing below, the owner or authorized representative agrees to operate in accordance with all applicable state and local regulations, laws, and procedures needed to ensure compliance. Notify Environmental Health in writing if business closes or change of ownership occurs. HEALTH PERMITS ARE NON-TRANSFERABLE. For plan review applications, the owner information will be used for the health permit issuance unless our office is notified with updated information.
ATTN: SUBMITTAL OF THIS APPLICATION DOES NOT CONSTITUTE PERMIT APPROVAL.

If you would like additional information about the Safe Surplus Food Donation Program, please visit smchealth.org/fooddonation

Print Owner/Representative 1: Irma Donnat **Signature** Irma Donnat **Date** 4/24/19

Print Owner/Representative 2: _____ **Signature** _____ **Date** _____

rev. 09/2016

Office use only-previously assigned record FA 57880 PR N/A not food

SAN MATEO COUNTY HEALTH
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Retail Food Inspection Program
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(650) 372-6200 FAX (650) 627-8244
smchealth.org/food

INSPECTION REPORT

Facility Name: BURLINGTON COAT FACTORY #182	Program Identifier:		Inspection Date: 05/01/2019	FACILITY STATUS
Address: 99 SOUTHGATE AVE	City/Zip: DALY CITY, 94015--141		Suggested Re-Inspection Date:	PASS
Owner/Permitee: BURLINGTON COAT FACTORY OF TX, INC	Person in Charge:		Phone #: 6509970733	
E-mail Address: shakira.hicks@burlington.com;	Time In:	Time Out:	Alternate Phone #:	
Certified Food Manager:	Exam Provider:	Date Expired:		
Program Record ID: PR0088990 (PR,SR,CO):	PE: 1500	Service: 001		

A $198.00 (1hour mimimum) fee will be charged for verified complaints, to reopen facilities ordered closed, or when violations noted during inspection are not corrected prior to reinspection. Any or all violations may be posted at the Environmental Health web site.

IN=In compliance N/A=Not applicable N/O=Not observed COS=Corrected on-site OUT=Items not in compliance Maj=Major violation Min=Minor violation

CRITICAL RISK FACTORS
The following pose a threat to public health and must be corrected immediately.

			OUT				
	EMPLOYEE KNOWLEDGE/HEALTH & HYGIENE	IN	MAJ	MIN	COS	NO	NA
1a	Demonstration of knowledge	x					
1b	Original food safety certification and food handler cards; valid, available for review						x
2	Communicable disease; reporting, restrictions & exclusions	x					
3	No discharge from eyes, nose and mouth	x					
4	Proper eating, tasting, drinking or tobacco use	x					
	PREVENT CONTAMINATION BY HANDS						
5	Hands clean and properly washed; proper glove use					x	
6	Adequate hand washing facilities; supplied and accessible	x					
	TIME AND TEMPERATURE RELATIONSHIP						
7	Proper hot and cold holding temperatures						x
8	Time as a public health control; procedures & records						x
9	Proper cooling methods						x
10	Proper cooking time and temperature						x
11	Proper reheating procedures for hot holding						x
	PROTECTION FROM CONTAMINATION						
12	Returned and re-service of food	x					
13	Food in good condition, safe and unadulterated	x					
14	Food contact surfaces: clean and sanitized						x
	FOOD FROM APPROVED SOURCES						
15	Food obtained from approved source	x					
16	Compliance with shell stock tags, condition, display						x
17	Compliance with Gulf Oyster Regulations						x
	ADDITIONAL CRITICAL RISK FACTORS						
18	Compliance with variance, specialized processes & HACCP						x
19	Consumer advisory provided for raw or undercooked foods						x
20	Licensed health care facilities/public & private schools: prohibited foods not offered						x
21	Hot and cold water available	x					
22	Sewage and wastewater properly disposed	x					
23	No insects, rodents, birds or animals present	x					

GOOD RETAIL PRACTICES
Preventive measures that can reduce food borne illness.

	SUPERVISION	IN	OUT	COS	NO	NA
24	Person in charge present and performs duties	x				
25	Personal cleanliness and hair restraints	x				
	GENERAL FOOD SAFETY REQUIREMENTS					
26	Approved thawing methods in use					x
27	Food separated and protected	x				
28	Washing fruits and vegetables					x
29	Toxic substances properly identified, stored and used	x				
	FOOD STORAGE/DISPLAY/SERVICE					
30	Food storage; food storage containers identified	x				
31	Consumer self service	x				
32	Food properly labeled & honestly presented	x				
	EQUIPMENT/UTENSILS/LINENS					
33	Nonfood contact surfaces clean	x				
34	Warewash facilities: installed, maintained, used; test strips					x
35	Equipment/utensils-approved; installed; clean; good repair; capacity	x				
36	Equipment, utensils and linens; storage and use	x				
37	Vending Machine					x
38	Adequate ventilation and lighting; designated areas, use	x				
39	Thermometers provided and accurate					x
40	Wiping cloths; properly used and stored					x
	PHYSICAL FACILITIES					
41	Plumbing; proper backflow devices	x				
42	Garbage and refuse properly disposed; facilities maintained	x				
43	Toilet facilities: properly disposed; facilities maintained	x				
44	Premises; personal/cleaning items; vermin proofing	x				
45	Floors, walls and ceiling: built, maintained and clean	x				
46	No unapproved private homes/living or sleeping quarters	x				
	SIGNS/ REQUIREMENTS					
47	Signs posted; last inspection report available					x
48	Permit available				x	
49	Plan review	x				

COMPLIANCE & ENFORCEMENT

C1 - REFERRAL	C4 - CEASE/DESIST	C7 - POLYSTYRENE	E1 - PLACARD POSTED	E4 - RE-OPEN	E7 - CHANGE OF OWNERSHIP-DENIED
C2 - VC&D	C5 - IMPOUNDMENT	C8 - STORMWATER	E2 - PHOTO DOCUMENTATION	E5 - TRANSFAT	E8 - CHANGE OF OWNERSHIP-APPROVED
C3 - SAMPLES	C6 -IMPOUND RELEASED	C9 - PLASTIC BAG BAN	E3 - HEARING	E6 - MENU	E9 - CHANGE OF OWNERSHIP-PENDING
C10 - DISHWASHER-YES		C11 - DISHWASHER-NO			

Received by:

Yuriana Acting Manager

Specialist: JEANETTE GORECHO, REHS 650-372-6200

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smchealth.org/food

INSPECTION REPORT

Facility Name: BURLINGTON COAT FACTORY #182	Program Identifier:	Inspection Date: 05/01/2019	**FACILITY STATUS**
Address: 99 SOUTHGATE AVE	City/Zip: DALY CITY, 94015--141	Re-Inspection Date:	PASS
Program Record ID: (PR,SR,CO): PR0088990	PE: 1500	Service: 001	

MEASUREMENTS **DOCUMENTATION REQUIRED FOR ALL FACILITIES WITH PHF** **NO PHF**

Item	Measurement	Comment
water/handwashing sinks in restrooms	120.00 F	

OBSERVATIONS AND CORRECTIVE ACTIONS
See reverse side for the code sections and general requirements that correspond to each violation listed below.

No.	Violation Comment	Comply By Date

Overall Comments:
No violations observed at the time of inspection. Okay to operate.

Email: indirect.tax@burlington.com

Safe Food Donations: San Mateo County Environmental Health encourages all food facilities to participate in our Safe Surplus Food Donation Program. This is a statewide effort to get edible food out of the trash and to the families that are in need. Your business is protected by the Bill Emerson Good Samaritan Act and the California Retail Food Code 114433 that states any person, gleaner, or food facility that donates food as permitted by Section 114432 shall not be subject to civil or criminal liability. The county appreciates your business and contribution to the local community and environment. For more information regarding Safe Surplus Food Donations, please visit our website at <https://www.smchealth.org/fooddonation> or by phone at 650-692-6200.

Please note: Health permits are non-transferrable. In the event of a change of ownership, the new owner must apply for a new health permit. The placard is the property of San Mateo County Environmental Health Services. The placard shall remain posted as designated by the representative of San Mateo County. If removed the facility will be subject to a fine of $500 per incident.

Received by:
Yuriana Acting Manager

Specialist: JEANETTE GORECHO, REHS 650-372-6200

SAN MATEO COUNTY HEALTH
ENVIRONMENTAL HEALTH SERVICES

ENVIRONMENTAL HEALTH SERVICES

2000 ALAMEDA DE LAS PULGAS, SUITE 100, SAN MATEO, CA 94403
(650) 372-6200 FAX (650) 627-8244 www.smchealth.org

PERMIT TO OPERATE

Permit Valid 05/01/20 thru 05/31/21

PERMIT IS NON-TRANSFERABLE AND MUST BE PROMINENTLY DISPLAYED
IN THE PLACE OF BUSINESS

This is to certify that the owner and establishment shown have been granted permission to operate subject to compliance with all applicable laws and regulations. This permit is valid for the period shown above unless revoked or suspended for violation of applicable laws and/or regulations.

REGULATED FACILITY:
FA ID # FA0065960
BURLINGTON COAT FACTORY #182
99 SOUTHGATE AVE
DALY CITY, CA

OWNER OF RECORD:
BURLINGTON COAT FACTORY
OF TX, INC

General Health Program	Permit #	Program Record #
1520 RETL STORE W/ INC FOOD SALES 25-300 (RC 1)	PT0007750	PR0088990

NOTIFY SAN MATEO ENVIRONMENTAL HEALTH SERVICES IF THERE ARE ANY CHANGES REGARDING CHANGE OF OWNERSHIP/MANAGEMENT BILLING ADDRESS OR NAME OF BUSINESS BY CALLING (650) 372-6200. FAILURE TO NOTIFY ENVIRONMENTAL HEALTH SERVICES MAY RESULT IN LATE PENALTIES, PERMIT DENIAL OR REVOCATION AND BUSINESS CLOSURE. PERMITS ARE NOT TRANSFERABLE AND BECOME VOID ON CHANGE OF OWNERSHIP. NEW OWNER MUST APPLY AND PAY FOR A NEW HEALTH PERMIT PRIOR TO BEGINNING OPERATION OR PENALTIES WILL BE ASSESSED AT (3) TIMES THE PERMIT FEE. CA RETAIL FOOD CODE 114381(a); 114387

BURLINGTON COAT FACTORY #182
BURLINGTON COAT FACTORY OF TX, INC
1830 ROUTE 130 N
BURLINGTON, NJ 08016

Heather Forshey

Heather Forshey, MS, REHS
Director of Environmental Health

5/18/2020

SAN MATEO COUNTY HEALTH

ENVIRONMENTAL HEALTH SERVICES

PERMIT 20-0762

CERTIFIED UNIFIED PROGRAM AGENCY

THIS PERMIT IS ISSUED FOR THE FOLLOWING:

2225 PR0080302 GENERATES <27 GAL/YEAR

FACILITY:

Burlington Store #182
99 Southgate Ave
Daly City, CA 94015

OWNER:

Burlington Stores
4287 Route 130 S
Edgewater NJ 08010

FA0057880

CERS ID 10626745

DATE ISSUED: 6/1/2020

EXPIRATION DATE: 6/1/2025

Heather Forshey, MS, REHS

DIRECTOR, ENVIRONMENTAL HEALTH SERVICES

THIS CERTIFICATE IS NONTRANSFERABLE AND MUST BE POSTED ON-SITE IN A CONSPICUOUS PLACE.

SAN MATEO COUNTY HEALTH
ENVIRONMENTAL
HEALTH SERVICES

PERMIT CONDITIONS

2000 Alameda de las Pulgas, Ste. 100, San Mateo, CA 94403

Facility Identification Number: FA0057880

*In order to maintain the **Permit to Operate**, the permit holder must comply with the following provisions of related laws concerning management of hazardous materials. Any violation of the conditions may be cause for revocation of the **Permit to operate.***

a. **Hazardous Materials Business Plan Program:** California Health and Safety Code, Division 20, Chapter 6.95, Article 1 and Title 19 Calfornia Code of Regulations.
b. **California Accidental Release Prevention Program (Cal-ARP)**: California Health and Safety Code, Division 20, Chapter 6.95, Article 2 and Title 19, California Code of Regulations.
c. **Hazardous Waste Generator Program**: California Health and Safety Code, Division 20, Chapter 6.5, Articles 1-13, Section 25100 et seq., and Title 22, California Code of Regulations, Chapter 20
d. **Aboveground Petroleum ACT SPCC Plans**: California Health and Safety Code, Division 20, Chapter 6.67 and 40 CFR 112.
e. **Tiered Permit On-Site Hazardous Waste Treatment**: California Health and Safety Code, Division 20, Chapter 6.5 Article 9, and Title 22 California Code of Regulations, Chapter 20

The Permit to Operate is to be maintained on-site and is valid for a period of five (5) years.

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(650) 372-6200 FAX (650) 627-8244
smchealth.org/food

INSPECTION REPORT

Facility Name: BURLINGTON COAT FACTORY #182	Program Identifier:		Inspection Date: 12/17/2020	FACILITY STATUS
Address: 99 SOUTHGATE AVE	City/Zip: DALY CITY, 94015--141		Suggested Re-Inspection Date: 12/17/2021	
Owner/Permitee: BURLINGTON COAT FACTORY OF TX, INC	Person in Charge:		Phone #: 6509970733	
E-mail Address: shakira.hicks@burlington.com	Time In:	Time Out:	Alternate Phone #:	
Certified Food Manager:	Exam Provider:	Date Expired:		
Program Record ID: (PR,SR,CO): PR0088990	PE: 1520	Service: 012		

A $198.00 (1hour mimimum) fee will be charged for verified complaints, to reopen facilities ordered closed, or when violations noted during inspection are not corrected prior to reinspection. Any or all violations may be posted at the Environmental Health web site.

MEASUREMENTS **DOCUMENTATION REQUIRED FOR ALL FACILITIES WITH PHF** **NO PHF**

No Temperature/Sanitizer Observations

OBSERVATIONS AND CORRECTIVE ACTIONS
See reverse side for the code sections and general requirements that correspond to each violation listed below.

No.	Violation Comment	Comply By Date

Overall Comments:

Observed the store completely empty; however, the sign on the door stated, "The store is closed until further notice."

Follow up is needed.

Received by:

Specialist: JEANETTE GORECHO, REHS 650-372-6200

Site Identification

Burlington Store #182
99 Southgate Ave
Daly City, CA 94015
County
San Mateo

CERS ID
10626745
EPA ID Number
CAL000403215

Submittal Status

Submitted on 2/26/2020 by *Ashley Campbell* of Burlington Stores (Burlington, NJ)
Submittal was ***Accepted***; Processed on 3/27/2020 by *Sabrina Mih* for San Mateo County Environmental Health

Hazardous Materials

Does your facility have on site (for any purpose) at any one time, hazardous materials at or above 55 gallons for liquids, 500 pounds for solids, or 200 cubic feet for compressed gases (include liquids in ASTs and USTs); or is regulated under more restrictive inventory local reporting requirements (shown below if present); or the applicable Federal threshold quantity for an extremely hazardous substance specified in 40 CFR Part 355, Appendix A or B; or handle radiological materials in quantities for which an emergency plan is required pursuant to 10 CFR Parts 30, 40 or 70?	**No**

Underground Storage Tank(s) (UST)

Does your facility own or operate underground storage tanks?	**No**

Hazardous Waste

Is your facility a Hazardous Waste Generator?	**Yes**
Does your facility treat hazardous waste on-site?	**No**
Is your facility's treatment subject to financial assurance requirements (for Permit by Rule and Conditional Authorization)?	**No**
Does your facility consolidate hazardous waste generated at a remote site?	**No**
Does your facility need to report the closure/removal of a tank that was classified as hazardous waste and cleaned on-site?	**No**
Does your facility generate in any single calendar month 1,000 kilograms (kg) (2,200 pounds) or more of federal RCRA hazardous waste, or generate in any single calendar month greater than 1 kg (2.2 pounds) of RCRA acute hazardous waste; or generate more than 100 kg (220 pounds) of spill cleanup materials contaminated with RCRA acute hazardous waste.	**No**
Is your facility a Household Hazardous Waste (HHW) Collection site?	**No**

Excluded and/or Exempted Materials

Does your facility recycle more than 100 kg/month of excluded or exempted recyclable materials (per HSC 25143.2)?	**No**
Does your facility own or operate ASTs above these thresholds? Store greater than 1,320 gallons of petroleum products (new or used) in aboveground tanks or containers.	**No**
Does your facility have Regulated Substances stored onsite in quantities greater than the threshold quantities established by the California Accidental Release prevention Program (CalARP)?	**No**

Additional Information

Waste is generated as a result of damaged or off specification retail product. No waste is generated or accumulated in amounts greater than the listed threshold in question 1.

Facility/Site

Burlington Store #182
99 Southgate Ave
Daly City, CA 94015

CERS ID
10626745

Submittal Status

Submitted on 2/26/2020 by *Ashley Campbell* of Burlington Stores (Burlington, NJ)
Submittal was ***Accepted***; Processed on 3/27/2020 by *Sabrina Mih* for San Mateo County Environmental Health

Identification

Burlington Stores

Operator Phone	Business Phone	Business Fax
(609) 387-7800	(650) 997-0733	

Beginning Date	Ending Date	
Dun & Bradstreet	**SIC Code**	**Primary NAICS**
	5311	

Facility/Site Mailing Address

1830 Route 130 North
Burlington, NJ 08016

Primary Emergency Contact

Store Manager
Title
Manager

Business Phone	24-Hour Phone	Pager Number
(650) 997-0733	(609) 351-1157	

Owner

Burlington Stores
(609) 387-7800
1830 Route 130 North
Burlington, NJ 08016

Secondary Emergency Contact

Regional Manager
Title
Regional Operations Manager

Business Phone	24-Hour Phone	Pager Number
(609) 351-1157	(877) 577-2669	

Billing Contact

Nancy Dennion
6093877800x72038 nancy.dennion@burlingtonstores.com
4287 Route 130 S
Edgewater, NJ 08010

Environmental Contact

ASHLEY CAMPBELL
(713) 985-5472 ASHLEY.CAMPBELL@STERICYCLE.COM
5151 San Felipe St, Suite 1000
Houston, TX 77056

Name of Signer	Signer Title	Document Preparer
ASHLEY CAMPBELL	Agent For	ASHLEY CAMPBELL

Additional Information

Locally-collected Fields

Some or all of the following fields may be required by your local regulator(s).

Property Owner

Kimco
Phone
(516) 869-9000
Mailing Address
3333 New Hyde Park Rd, Ste 100 c/o Kimco Realty Corp
New Hyde Park, NY 28287

Assessor Parcel Number (APN)

Number of Employees
55
Facility ID

APPENDIX G

User-Provided Documents

July 27, 2020 Update

First American Title Insurance Company
National Commercial Services
777 South Figueroa Street, Suite 400
Los Angeles, CA 90017

Nicole Clark
Kimco Realty Corporation
1621-B South Melrose Drive
Vista, CA 92081
Phone: (760)598-2044
Fax: (760)727-1430

Customer Reference:	Westlake Shopping Center
Title Officer:	Liz Thymius
Phone:	(213)271-1700
Owner:	Westlake Kimco
Property:	515, 75 and 151 Southgate Avenue, 33 Southgate Avenue #65, 2 Coronado, Avenue, 169 Southgate Avenue #209, and 526 and 251 Westlake Center, Daly City, CA

PRELIMINARY REPORT

In response to the above referenced application for a policy of title insurance, this company hereby reports that it is prepared to issue, or cause to be issued, as of the date hereof, a Policy or Policies of Title Insurance describing the land and the estate or interest therein hereinafter set forth, insuring against loss which may be sustained by reason of any defect, lien or encumbrance not shown or referred to as an Exception below or not excluded from coverage pursuant to the printed Schedules, Conditions and Stipulations of said Policy forms.

The printed Exceptions and Exclusions from the coverage and Limitations on Covered Risks of said policy or policies are set forth in Exhibit A attached. *The policy to be issued may contain an arbitration clause. When the Amount of Insurance is less than that set forth in the arbitration clause, all arbitrable matters shall be arbitrated at the option of either the Company or the Insured as the exclusive remedy of the parties.* Limitations on Covered Risks applicable to the CLTA and ALTA Homeowner's Policies of Title Insurance which establish a Deductible Amount and a Maximum Dollar Limit of Liability for certain coverages are also set forth in Exhibit A. Copies of the policy forms should be read. They are available from the office which issued this report.

Please read the exceptions shown or referred to below and the exceptions and exclusions set forth in Exhibit A of this report carefully. The exceptions and exclusions are meant to provide you with notice of matters which are not covered under the terms of the title insurance policy and should be carefully considered.

It is important to note that this preliminary report is not a written representation as to the condition of title and may not list all liens, defects, and encumbrances affecting title to the land.

This report (and any supplements or amendments hereto) is issued solely for the purpose of facilitating the issuance of a policy of title insurance and no liability is assumed hereby. If it is desired that liability be assumed prior to the issuance of a policy of title insurance, a Binder or Commitment should be requested.

Dated as of July 08, 2020 at 7:30 A.M.

The form of Policy of title insurance contemplated by this report is:

To Be Determined

A specific request should be made if another form or additional coverage is desired.

Title to said estate or interest at the date hereof is vested in:

Kimco Westlake L.P., a California limited partnership

The estate or interest in the land hereinafter described or referred to covered by this Report is:

Fee Simple as to Parcel 1, 2, 3, 4, 5, 8 through 13, an easement as to Parcel 6 and 7.

The Land referred to herein is described as follows:

(See attached Legal Description)

At the date hereof exceptions to coverage in addition to the printed Exceptions and Exclusions in said policy form would be as follows:

1. General and special taxes and assessments for the fiscal year 2019-2020, a lien not yet due or payable.

2. The lien of supplemental taxes, if any, assessed pursuant to Chapter 3.5 commencing with Section 75 of the California Revenue and Taxation Code.

3. An easement for sewer and incidental purposes, recorded July 17, 1933 as Book 602, Page 105 of Official Records.
   In Favor of: County of San Mateo
   Affects: as described therein

   The location of the easement cannot be determined from record information.

4. An easement for roadway and slope and incidental purposes, recorded January 31, 1935 as Book 639, Page 454 of Official Records.
   In Favor of: State of California
   Affects: as described therein

   (Affects Parcels 8 through 13)

   The interest of the State of California passed to the City of Daly City in the Relinquishment recorded August 2, 1971 as Book 5990, Page 607 of Official Records.

Roadway slope easement was purportedly vacated by the City of Daly City in Resolution No. 08-2 recorded February 28, 2008 as Instrument No. 2008-021279 of Official Records.

5. An easement for water pipelines and incidental purposes, recorded August 15, 1947 as Book 1374, Page 244 of Official Records.
In Favor of: Henry Doelger Builder, Inc.
Affects: as described therein

The location of the easement cannot be determined from record information.

(Affects Parcels 8 through 13)

6. An easement for sewer pipeline and ingress and egress and incidental purposes, recorded March 27, 1950 as Book 1825, Page 47 of Official Records.
In Favor of: County of San Mateo, California
Affects: as described therein

(Affects Parcels 5, 8 through 12)

7. An easement shown or dedicated on the map of Westlake Subdivision No. 3 recorded April 7, 1950 and on file in Book 31, Page 17, 18 and 19, of Tract Maps.
For: colma sewer maintenance district easement and san francisco water department pipeline easement and incidental purposes.

(Affects Parcels 8 through 13)

8. Covenants, conditions, restrictions and easements in the document recorded August 14, 1950 as Book 1917, Page 461 of Official Records, which provide that a violation thereof shall not defeat or render invalid the lien of any first mortgage or deed of trust made in good faith and for value, but deleting any covenant, condition or restriction indicating a preference, limitation or discrimination based on race, color, religion, sex, handicap, familial status, national origin, sexual orientation, marital status, ancestry, source of income or disability, to the extent such covenants, conditions or restrictions violate Title 42, Section 3604(c), of the United States Codes or Section 12955 of the California Government Code. Lawful restrictions under state and federal law on the age of occupants in senior housing or housing for older persons shall not be construed as restrictions based on familial status.

9. An easement for underground gas mains and/or pipelines and incidental purposes, recorded March 20, 1951 as Book 2041, Page 204 as Instrument No. 24922J of Official Records.
In Favor of: Pacific Gas and Electric Company
Affects: as described therein

(Affects Parcels 8 through 12)

Quitclaim of a portion thereof, recorded November 30, 1954, in Book 2696, Page 748 as Instrument No. 6139M, Official Records.

10. A lease dated May 1, 1953, executed by Henry Doelger Builder, Inc., a California corporation as lessor and J. C. Penney Company, a Delaware corporation as lessee, recorded September 8, 1953 as Book 2469, Page 189 of Official Records.

Defects, liens, encumbrances or other matters affecting the leasehold estate, whether or not shown by the public records are not shown herein.

(Affects Parcels 8 through 12)

Document(s) declaring modifications thereof recorded November 26, 1974 as Instrument No. 3672AI in Book 6743, Page 50 of Official Records.

Document(s) declaring modifications thereof recorded November 12, 1976 as Instrument No. 45709AK in Book 7296, Page 22 of Official Records.

Document(s) declaring modifications thereof recorded April 27, 1981 as Instrument No. 38482AS of Official Records.

Document(s) declaring modifications thereof recorded July 13, 1983 as Instrument No. 83071625 of Official Records.

11. The terms and provisions contained in the document entitled "Agreement" recorded February 10, 1954 as Book 2536, Page 73 of Official Records.

(Affects Parcels 8 through 13)

Document(s) declaring modifications thereof recorded March 1, 1963 as Book 4402, Page 312 of Official Records.

12. Any and all existing easements for public utility purposes, pipelines and/or sewers, with incidents thereto, over that portion of the property described herein, lying within that portion of Southgate Avenue abandoned by Order No. 2102 of the City of Daly City, a certified copy of which recorded January 4, 1955, in Book 2719, Page 291, as Instrument No. 15239M, Official Records.

(Affects Parcel 1)

13. An easement for gas pipeline and incidental purposes, recorded February 4, 1955 as Book 2737, Page 562 of Official Records.

In Favor of:	Pacific Gas and Electric Company, a California corporation
Affects:	as described therein

(Affects Parcels 8 through 12)

14. A lease dated July 31, 1956, executed by Henry Doelger Builder, Inc., a California corporation as lessor and Walgreen Drug Co., a Utah corporation as lessee, recorded September 20, 1956 as Book 3098, Page 1 of Official Records.

Defects, liens, encumbrances or other matters affecting the leasehold estate, whether or not shown by the public records are not shown herein.

(Affects Parcels 8 through 12)

Document(s) declaring modifications thereof recorded August 06, 1987 as Instrument No. 87122707 of Official Records.

15. An easement for sanitary sewer and incidental purposes, recorded April 2, 1957 as Book 3197, Page 706 as Instrument No. 40060P of Official Records.
In Favor of: North San Mateo County Sanitation District
Affects: as described therein

(Affects Parcel 5)

16. An easement for underground wires, cables and conduits and incidental purposes, recorded May 15, 1957 as Book 3218, Page 345 as Instrument No. 50601P of Official Records.
In Favor of: Pacific Gas and Electric Company
Affects: as described therein

(Affects Parcel 4)

17. An easement for public utilities and incidental purposes, recorded January 30, 1958 as Book 3340, Page 740 of Official Records.
In Favor of: Pacific Gas and Electric Company, a California corporation
Affects: as described therein

(Affects Parcels 8 through 12)

18. An easement for underground wires, cables and conduits and incidental purposes, recorded March 13, 1958 as Book 3362, Page 61 as Instrument No. 25896Q of Official Records.
In Favor of: Pacific Gas and Electric Company
Affects: as described therein

(Affects Parcel 4)

19. An easement for underground pipes and incidental purposes, recorded September 11, 1958 as Book 3455, Page 207 as Instrument No. 73898Q of Official Records.
In Favor of: Pacific Gas and Electric Company
Affects: as described therein

(Affects Parcel 5)

20. An easement for underground pipes and incidental purposes, recorded September 11, 1958 as Book 3455, Page 209 as Instrument No. 73899Q of Official Records.
In Favor of: Pacific Gas and Electric Company
Affects: as described therein

(Affects Parcel 2 and 5)

Quitclaim of a portion thereof, recorded February 22, 1971 in Book 5899, Page 546 as Instrument No. 84214AD

21. Non-exclusive easements for ingress, egress and public utilities over a portion of the herein described property, as disclosed by Deed of Trust executed by Henry Doelger Builder, Incorporated, a corporation, as Trustee and in favor of Marble Mortgage Company, a California corporation, as Beneficiary, dated December 5, 1958 and recorded December 26, 1958 in Book 3518, Page 459 as Instrument No. 5596R, Official Records, and as set forth in various other

Deeds of Trust of record.

(Palmcrest Avenue, Coronado Avenue, Alley and Lake Merced Boulevard)

(Affects portion of Parcel 5)

22. An easement for public utilities and incidental purposes, recorded April 30, 1959 as Book 3591, Page 329 of Official Records.
In Favor of: Pacific Gas and Electric Company, a California corporation
Affects: as described therein

(Affects Parcels 8 through 12)

23. An easement for underground vault and conduits and incidental purposes, recorded August 13, 1959 as Book 3655, Page 146 as Instrument No. 77561R of Official Records.
In Favor of: Pacific Gas and Electric Company
Affects: as described therein

(Affects Parcel 5)

24. An easement for underground wires, cables and conduits and incidental purposes, recorded August 13, 1959 as Book 3655, Page 149 as Instrument No. 77562R of Official Records.
In Favor of: Pacific Gas and Electric Company
Affects: as described therein

(Affects Parcel 5)

25. An easement for underground vault, wires, cables and conduits and incidental purposes, recorded September 3, 1959 as Book 3667, Page 63 as Instrument 84135R of Official Records.
In Favor of: Pacific Gas and Electric Company
Affects: as described therein

(Affects Parcels 2 and 5)

26. An easement for underground gas mains and/or pipelines and incidental purposes, recorded February 18, 1960 as Book 3750, Page 597 as Instrument No. 30290S of Official Records.
In Favor of: Pacific Gas and Electric Company
Affects: as described therein

(Affects Parcel 2)

27. An easement for underground gas mains and/or pipelines and incidental purposes, recorded February 18, 1960 as Book 3750, Page 598 as Instrument No. 30291S of Official Records.
In Favor of: Pacific Gas and Electric Company
Affects: as described therein

(Affects Parcel 2)

28. An easement for underground gas pipeline and incidental purposes, recorded February 18, 1960 as Book 3750, Page 600 as Instrument No. 30293S of Official Records.
In Favor of: Pacific Gas and Electric Company
Affects: as described therein

(Affects Parcel 5)

29. An easement for underground gas pipeline and incidental purposes, recorded October 20, 1960 as Book 3878, Page 345 as Instrument No. 488T of Official Records.
In Favor of: Pacific Gas and Electric Company
Affects: as described therein

(Affects Parcel 5)

30. Terms and provisions of an unrecorded lease dated December 27, 1961, by and between Henry Doelger Builder, Inc., a California corporation as lessor and Pauson & Company, Inc. as lessee, as disclosed by a Memorandum of Lease recorded January 11, 1962 as Book 4126, Page 673 of Official Records.

Defects, liens, encumbrances or other matters affecting the leasehold estate, whether or not shown by the public records are not shown herein.

(Affects Parcels 8 through 12)

31. An easement for public utilities and incidental purposes, recorded July 18, 1962 as Book 4252, Page 24 of Official Records.
In Favor of: Pacific Gas and Electric Company, a California corporation
Affects: as described therein

(Affects Parcels 8 through 12)

32. An easement for ingress and egress and incidental purposes, recorded November 15, 1962 as Book 4333, Page 692 as Instrument No. 33356V of Official Records.
In Favor of: Pacific Gas and Electric Company
Affects: as described therein

(Affects Parcel 5)

33. An easement for ingress and egress and incidental purposes, recorded June 5, 1963 as Book 4472, Page 206 as Instrument No. 624W of Official Records.
In Favor of: The City of Daly City
Affects: as described therein

(Affects Parcels 4 and 5)

34. An easement for underground wires, cables and conduits and incidental purposes, recorded August 10, 1967 as Book 5347, Page 463 as Instrument No. 71359AA of Official Records.
In Favor of: Pacific Gas and Electric Company
Affects: as described therein

(Affects Parcel 2)

35. A lease dated February 5, 1968, executed by Thelhendo, Inc. as lessor and Atlantic Richfield Company as lessee, recorded October 9, 1968 as Book 5542, Page 238 as Instrument No. 81767AB of Official Records.

Defects, liens, encumbrances or other matters affecting the leasehold estate, whether or not shown by the public records are not shown herein.

(Affects Parcel 3)

Document(s) declaring modifications thereof recorded September 17, 1993 as Instrument No. 93157876 of Official Records.

36. Terms and provisions of an unrecorded lease dated June 20, 1969, by and between Westlake Shopping Center, a limited partnership as lessor and H. Liebs Westlake, Inc., a corporation as lessee, as disclosed by a Memorandum of Lease and Amendment to Lease recorded June 27, 1969 as Book 5658, Page 124 of Official Records.

Defects, liens, encumbrances or other matters affecting the leasehold estate, whether or not shown by the public records are not shown herein.

(Affects Parcels 8 through 12)

37. The terms and provisions contained in the document entitled "Notice of Consent to Use of Land" recorded July 10, 1969 as Book 5663, Page 633 of Official Records.

(Affects Parcels 8 through 12)

38. An easement for ingress, egress, utilities and drainage and incidental purposes, recorded February 17, 1970 as Instrument No. 99786AC of Official Records.
In Favor of: Henry Doelger Builder, Incorporated
Affects: as described therein

(Affects Parcel 5)

39. An easement for utilities and incidental purposes, recorded November 4, 1970 as Book 5855, Page 15 as Instrument No. 59189AD of Official Records.
In Favor of: Henry Doelger Builder, Incorporated
Affects: as described therein

(Affects Parcels 2 and 3)

40. An easement for traffic signals and incidental purposes, recorded July 11, 1972 as Book 6186, Page 383 of Official Records.
In Favor of: City of Daly City
Affects: as described therein

(Affects Parcels 8 through 12)

41. An easement for traffic signals and incidental purposes, recorded July 11, 1972 as Book 6186, Page 386 as Instrument No. 36106AF of Official Records.
In Favor of: City of Daly City
Affects: as described therein

(Affects Parcel 1)

42. The terms, provisions and easement(s) contained in the document entitled "Grant of Easement" recorded July 31, 1975 as Book 6902, Page 1 as Instrument No. 74791AI of Official Records.

(Affects All Parcels)

43. A lease dated 9/30/1975, executed by Westlake Development Company, Inc., a Panamanian corporation as lessor and Callo, Inc., a California corporation as lessee, recorded October 22, 1975 as Book 6963, Page 739 of Official Records.

Defects, liens, encumbrances or other matters affecting the leasehold estate, whether or not shown by the public records are not shown herein.

44. Terms and provisions of an unrecorded lease dated April 24, 1989, by and between Westlake Development Company, Inc as lessor and Ross Stores, Inc., a California corporation as lessee, as disclosed by a Memorandum of Lease recorded June 13, 1989 as Instrument No. 89-77079 of Official Records.

Defects, liens, encumbrances or other matters affecting the leasehold estate, whether or not shown by the public records are not shown herein.

(Affects Parcels 8 through 12)

45. Terms and provisions of an unrecorded lease dated August 1, 1995, by and between Westlake Development Company, Inc. as lessor and BC Goldengate, LLC., dba Boston Market as lessee, as disclosed by a Memorandum of Lease recorded April 2, 1996 as Instrument No. 96-39804 of Official Records.

Defects, liens, encumbrances or other matters affecting the leasehold estate, whether or not shown by the public records are not shown herein.

(Affects Parcels 8 through 12)

46. An easement for public access, public facilities, public utilities and incidental purposes, recorded May 5, 1999 as Instrument No. 99-78985 of Official Records.
In Favor of: City of Daly City, a municipal corporation
Affects: as described therein

(Affects Parcels 8 through 12)

47. Terms and provisions of an unrecorded lease dated October 21, 1991, by and between Westlake Development Company, Inc. as lessor and Burlington Coat Factory Warehouse of Daly City, Inc. as lessee, as disclosed by a Memorandum of Lease recorded March 30, 2001 as Instrument No. 2001-42552 of Official Records.

Defects, liens, encumbrances or other matters affecting the leasehold estate, whether or not shown by the public records are not shown herein.

(Affects Parcels 8 through 12)

48. The terms and provisions contained in the document entitled "Memorandum of PCS Site Agreement" recorded August 8, 2001 as Instrument No. 2001-121833 of Official Records.

(Affects Parcels 8 through 12)

49. The terms, provisions and easement(s) contained in the document entitled "Development Agreement for Westlake Shopping Center" recorded October 11, 2002 as Instrument No. 2002-204837 of Official Records.

(Affects Parcels 8 through 12)

50. This item has been intentionally deleted.

51. The effect of a document entitled "Quitclaim Deed", recorded January 27, 2005 as Instrument No. 2005-13940 of Official Records.

At the date of recording of the document, the parties thereto had no record interest in the land.

(Affects Parcels 8 through 12)

52. Covenants, conditions, restrictions and easements in the document recorded January 27, 2005 as Instrument No. 2005-13941 of Official Records, which provide that a violation thereof shall not defeat or render invalid the lien of any first mortgage or deed of trust made in good faith and for value, but deleting any covenant, condition or restriction indicating a preference, limitation or discrimination based on race, color, religion, sex, handicap, familial status, national origin, sexual orientation, marital status, ancestry, source of income or disability, to the extent such covenants, conditions or restrictions violate Title 42, Section 3604(c), of the United States Codes or Section 12955 of the California Government Code. Lawful restrictions under state and federal law on the age of occupants in senior housing or housing for older persons shall not be construed as restrictions based on familial status.

(Affects Parcels 8 through 12)

Document re-recorded January 27, 2005 as Instrument No. 2005-014129 of Official Records.

Document(s) declaring modifications thereof recorded November 4, 2005 as Instrument No.2005-194300 of Official Records.

53. Terms and provisions of an unrecorded lease dated June 30, 2004, by and between Kimco Westlake, L.P., a California limited partnership as lessor and Home Depot U.S.A., Inc., a Delaware corporation as lessee, as disclosed by a Memorandum of Lease recorded March 10, 2005 as Instrument No. 2005-037785 of Official Records.

Defects, liens, encumbrances or other matters affecting the leasehold estate, whether or not shown by the public records are not shown herein.

(Affects Parcels 8 through 12)

54. Terms and provisions of an unrecorded lease dated July 23, 2004, by and between Kimco Westlake L.P., a Delaware limited partnership as lessor and Cost Plus, Inc., a California corporation as lessee, as disclosed by a Memorandum of Lease recorded September 16, 2005 as Instrument No. 2005-161492 of Official Records.

Defects, liens, encumbrances or other matters affecting the leasehold estate, whether or not shown by the public records are not shown herein.

(Affects Parcels 8 through 12)

55. An easement for public utilities and incidental purposes, recorded December 5, 2008 as Instrument No. 2008-131769 of Official Records.

In Favor of:	Pacific Gas and Electric Company, a California corporation
Affects:	as described therein

(Affects Parcels 8 through 12)

56. Terms and provisions of an unrecorded lease dated March 13, 2009, by and between Kimco Westlake, L.P., a California limited partnership as lessor and Ross Dress For Less, Inc., a Virginia corporation as lessee, as disclosed by a Memorandum of Lease recorded May 18, 2009 as Instrument No. 2009-62181 of Official Records.

Defects, liens, encumbrances or other matters affecting the leasehold estate, whether or not shown by the public records are not shown herein.

(Affects Parcels 8 through 12)

57. The terms, provisions and easement(s) contained in the document entitled "Easement Deed" recorded April 4, 2014 as Instrument No. 2014-29947 of Official Records.

(Affects Parcels 8 through 12)

58. Any claim that the Title is subject to a trust or lien created under The Perishable Agricultural Commodities Act, 1930 (7 U.S.C. §§499a, et seq.) or the Packers and Stockyards Act (7 U.S.C. §§181 et seq.) or under similar state laws.

59. Rights of the public in and to that portion of the land lying within South Mayfair Avenue.

60. Rights of parties in possession.

61. A Deed of Trust to secure an original indebtedness of $10,500,000.00 recorded October 26, 1981 as Instrument No. 0413AT of Official Records.

Dated:	October 21, 1981
Trustor:	Westlake Development Company, Inc., a corporation
Trustee:	Chicago Title Insurance Company, a Missouri corporation
Beneficiary:	CitiBank, N.A.

A document recorded May 25, 1983 as Instrument No. 83071479 in Book H582, Page 437, of Official Records provides that the Deed of Trust/Mortgage or the obligation secured thereby has been modified.

A document recorded November 14, 1983 as Instrument No. 83125478, of Official Records provides that the Deed of Trust/Mortgage or the obligation secured thereby has been modified.

A document recorded January 31, 1984 as Instrument No. 84011625, of Official Records provides that the Deed of Trust/Mortgage or the obligation secured thereby has been modified.

A document recorded May 11, 1984 as Instrument No. 84050778, of Official Records provides that the Deed of Trust/Mortgage or the obligation secured thereby has been modified.

The terms and provisions contained in the document entitled "Consent" recorded January 3, 1986 as Instrument No. 86010986 of Official Records.

A document recorded December 17, 1986 as Instrument No. 86163729, of Official Records provides that the Deed of Trust/Mortgage or the obligation secured thereby has been modified.

A document recorded May 31, 1988 as Instrument No. 88066641, of Official Records provides that the Deed of Trust/Mortgage or the obligation secured thereby has been modified.

A document recorded April 28, 1989 as Instrument No. 89051822, of Official Records provides that the Deed of Trust/Mortgage or the obligation secured thereby has been modified.

A document recorded December 2, 1989 as Instrument No. 89173881, of Official Records provides that the Deed of Trust/Mortgage or the obligation secured thereby has been modified.

A document recorded May 09, 1992 as Instrument No. 92068490, of Official Records provides that the Deed of Trust/Mortgage or the obligation secured thereby has been modified.

A document recorded December 08, 1993 as Instrument No. 93212286, of Official Records provides that the Deed of Trust/Mortgage or the obligation secured thereby has been modified.

62. A lease dated April 10, 1957, executed by Westlake Station as lessor and United States Postal Service as lessee, recorded July 15, 1987 as Instrument No. 87110323 of Official Records.

Defects, liens, encumbrances or other matters affecting the leasehold estate, whether or not shown by the public records are not shown herein.

63. Terms and provisions of an unrecorded lease dated September 18, 1979, by and between Westlake Development Company, Inc., a California corporation as lessor and Safeway Inc., a Delaware corporation as lessee, as disclosed by a Memorandum of Lease Modification Agreement recorded February 02, 1996 as Instrument No. 96-012525 of Official Records.

Defects, liens, encumbrances or other matters affecting the leasehold estate, whether or not shown by the public records are not shown herein.

(Affects Parcels 8 through 13)

Document(s) declaring modifications thereof recorded January 08, 2010 as Instrument No. 2010-002229 of Official Records.

64. Terms and provisions of an unrecorded lease dated March 27, 2019, by and between Kimco Westlake L.P., a California limited partnership as lessor and Target Corporation, a Minnesota corporation as lessee, as disclosed by a Memorandum of Lease recorded April 01, 2019 as Instrument No. 2019-022861 of Official Records.

Defects, liens, encumbrances or other matters affecting the leasehold estate, whether or not shown by the public records are not shown herein.

(Affects Parcels 8 through 13)

65. An easement shown or dedicated on the map of Westlake Subdivision No. 3 recorded April 07, 1950 and on file in Book 31, Page 17 through 19, of Tract Maps.
For: Planting Strips and California state highway slope and incidental purposes.

(Affects Parcel 13)

66. An easement shown or dedicated on the map of Westlake Subdivision No. 3 recorded April 07, 1950 and on file in Book 31, Page 17 through 19, of Tract Maps.
For: Public use and incidental purposes.

Said offer of dedication was not accepted (or was rejected)

(Affects Parcel 13)

67. Water rights, claims or title to water, whether or not shown by the public records.

INFORMATIONAL NOTES

1. Taxes for proration purposes only for the fiscal year 2019-2020.

First Installment:	$9,542.02, PAID
Second Installment:	$9,542.02, PAID
Tax Rate Area:	05-004
APN:	002-201-550

(Affects Parcel 3)

2. Taxes for proration purposes only for the fiscal year 2019-2020.

First Installment:	$33,724.39, PAID
Second Installment:	$33,724.39, PAID
Tax Rate Area:	05-004
APN:	002-201-140

(Affects Parcel 2)

3. Taxes for proration purposes only for the fiscal year 2019-2020.

First Installment:	$13,412.66, PAID
Second Installment:	$13,412.66, PAID
Tax Rate Area:	05-004
APN:	002-201-540

(Affects portion of Parcel 1)

4. Taxes for proration purposes only for the fiscal year 2019-2020.

First Installment:	$14,505.64, PAID
Second Installment:	$14,505.64, PAID
Tax Rate Area:	05-004
APN:	002-201-530

(Affects portion of Parcel 1)

5. Taxes for proration purposes only for the fiscal year 2019-2020.

First Installment:	$20,427.46, PAID
Second Installment:	$20,427.46, PAID
Tax Rate Area:	05-004
APN:	002-201-520

(Affects portion of Parcel 1)

6. Taxes for proration purposes only for the fiscal year 2019-2020.

First Installment:	$2,087.90, PAID
Second Installment:	$2,087.90, PAID
Tax Rate Area:	05-004
APN:	002-170-200

(Affects portion of Parcel 13)

7. Taxes for proration purposes only for the fiscal year 2019-2020.

First Installment:	$781,052.53, PAID
Second Installment:	$781,052.53, PAID
Tax Rate Area:	05-001
APN:	002-170-230

(Affects Parcels 8, 9, 11, 12 and portion of Parcel 13)

8. Taxes for proration purposes only for the fiscal year 2019-2020.

First Installment:	$177,415.31, PAID
Second Installment:	$177,415.31, PAID
Tax Rate Area:	05-004
APN:	002-170-220

(Affects Parcel 10)

9. Taxes for proration purposes only for the fiscal year 2019-2020.

First Installment:	$13,615.39, PAID
Second Installment:	$13,615.39, PAID
Tax Rate Area:	05-004
APN:	002-201-570

(Affects portion of Parcel 5)

10. Taxes for proration purposes only for the fiscal year 2019-2020.

First Installment:	$5,057.71, PAID
Second Installment:	$5,057.71, PAID
Tax Rate Area:	05-004
APN:	002-191-340

(Affects portion of Parcel 5)

11. Taxes for proration purposes only for the fiscal year 2019-2020.

First Installment:	$61,715.59, PAID
Second Installment:	$61,715.59, PAID
Tax Rate Area:	05-004
APN:	002-191-330

(Affects portion of Parcel 4)

12. Taxes for proration purposes only for the fiscal year 2019-2020.

First Installment:	$2,051.99, PAID
Second Installment:	$2,051.99, PAID
Tax Rate Area:	05-004
APN:	002-201-560

(Affects portion of Parcel 4)

13. According to the latest available equalized assessment roll in the office of the county tax assessor, there is located on the land a(n) Commercial Structure known as 251 and 526 Westlake Center, Daly City, CA.

(Affects Parcels 8 through 13 and Parcel 5)

14. According to the latest available equalized assessment roll in the office of the county tax assessor, there is located on the land a(n) Commercial Structure known as 169-209, 151, 99 and 75, 33-65, 5-15 Southgate Avenue, Daly City, California.

(Affects Parcels 4, 3, 2 and 1)

15. According to the public records, there has been no conveyance of the land within a period of twenty-four months prior to the date of this report, except as follows:

None

16. This preliminary report/commitment was prepared based upon an application for a policy of title insurance that identified land by street address or assessor's parcel number only. It is the responsibility of the applicant to determine whether the land referred to herein is in fact the land that is to be described in the policy or policies to be issued.

17. Should this report be used to facilitate your transaction, we must be provided with the following prior to the issuance of the policy:

A. WITH RESPECT TO A CORPORATION:
   1. A certificate of good standing of recent date issued by the Secretary of State of the corporation's state of domicile.
   2. A certificate copy of a resolution of the Board of Directors authorizing the contemplated transaction and designating which corporate officers shall have the power to execute on behalf of the corporation.
   3. A certificate of revivor and a certificate of relief from contract voidability issued by the Franchise Tax Board of the State of California.
   4. Requirements which the Company may impose following its review of the above material and other information which the Company may require.

B. WITH RESPECT TO A CALIFORNIA LIMITED PARTNERSHIP:
   1. A certified copy of the certificate of limited partnership (form LP-1) and any amendments thereto (form LP-2) to be recorded in the public records;
   2. A full copy of the partnership agreement and any amendments;
   3. Satisfactory evidence of the consent of a majority in interest of the limited partners to the contemplated transaction;
   4. A certificate of revivor and a certificate of relief from contract voidability issued by the Franchise Tax Board of the State of California.

5. Requirements which the Company may impose following its review of the above material and other information which the Company may require.

C. WITH RESPECT TO A FOREIGN LIMITED PARTNERSHIP:

1. A certified copy of the application for registration, foreign limited partnership (form LP-5) and any amendments thereto (form LP-6) to be recorded in the public records;
2. A full copy of the partnership agreement and any amendment;
3. Satisfactory evidence of the consent of a majority in interest of the limited partners to the contemplated transaction;
4. A certificate of revivor and a certificate of relief from contract voidability issued by the Franchise Tax Board of the State of California.
5. Requirements which the Company may impose following its review of the above material and other information which the Company may require.

D. WITH RESPECT TO A GENERAL PARTNERSHIP:

1. A certified copy of a statement of partnership authority pursuant to Section 16303 of the California Corporation Code (form GP-I), executed by at least two partners, and a certified copy of any amendments to such statement (form GP-7), to be recorded in the public records;
2. A full copy of the partnership agreement and any amendments;
3. Requirements which the Company may impose following its review of the above material required herein and other information which the Company may require.

E. WITH RESPECT TO A LIMITED LIABILITY COMPANY:

1. A copy of its operating agreement and any amendments thereto;
2. If it is a California limited liability company, a certified copy of its articles of organization (LLC-1) and any certificate of correction (LLC-11), certificate of amendment (LLC-2), or restatement of articles of organization (LLC-10) to be recorded in the public records;
3. If it is a foreign limited liability company, a certified copy of its application for registration (LLC-5) to be recorded in the public records;
4. With respect to any deed, deed of trust, lease, subordination agreement or other document or instrument executed by such limited liability company and presented for recordation by the Company or upon which the Company is asked to rely, such document or instrument must be executed in accordance with one of the following, as appropriate:
   (i) If the limited liability company properly operates through officers appointed or elected pursuant to the terms of a written operating agreement, such documents must be executed by at least two duly elected or appointed officers, as follows: the chairman of the board, the president or any vice president, and any secretary, assistant secretary, the chief financial officer or any assistant treasurer;
   (ii) If the limited liability company properly operates through a manager or managers identified in the articles of organization and/or duly elected pursuant to the terms of a written operating agreement, such document must be executed by at least two such managers or by one manager if the limited liability company properly operates with the existence of only one manager.
5. A certificate of revivor and a certificate of relief from contract voidability issued by the Franchise Tax Board of the State of California.
6. Requirements which the Company may impose following its review of the above material and other information which the Company may require.

F. WITH RESPECT TO A TRUST:

1. A certification pursuant to Section 18100.5 of the California Probate Code in a form satisfactory to the Company.
2. Copies of those excerpts from the original trust documents and amendments thereto which designate the trustee and confer upon the trustee the power to act in the pending transaction.
3. Other requirements which the Company may impose following its review of the material require herein and other information which the Company may require.

G. WITH RESPECT TO INDIVIDUALS:

1. A statement of information.

The map attached, if any, may or may not be a survey of the land depicted hereon. First American Title Insurance Company expressly disclaims any liability for loss or damage which may result from reliance on this map except to the extent coverage for such loss or damage is expressly provided by the terms and provisions of the title insurance policy, if any, to which this map is attached.

LEGAL DESCRIPTION

Real property in the City of Daly City, County of San Mateo, State of California, described as follows:

PARCEL 1:

BEGINNING AT A POINT ON THE SOUTHERLY PROLONGATION OF THE WESTERLY BOUNDARY OF PARK PLAZA DRIVE, WHICH POINT BEARS SOUTH 20° 18' EAST, 68.50 FEET FROM THE SOUTHEASTERLY CORNER OF LOT 13, BLOCK 22, AS DESIGNATED ON THE MAP ENTITLED, "WESTLAKE SUBDIVISION NO. 3, DALY CITY, CALIFORNIA", WHICH MAP WAS FILED IN THE OFFICE OF THE RECORDER OF THE COUNTY OF SAN MATEO, STATE OF CALIFORNIA, ON APRIL 17, 1950, IN BOOK 31 OF MAPS AT PAGES 17, 18 AND 19; THENCE ALONG SAID SOUTHERLY PROLONGED LINE AND ALONG THE WESTERLY LINE OF PARK PLAZA DRIVE, AS DESIGNATED ON THE MAP ENTITLED, "WESTLAKE UNIT NO. 3-A, DALY CITY, SAN MATEO COUNTY, CALIFORNIA", WHICH MAP WAS FILED IN THE OFFICE OF THE RECORDER OF THE COUNTY OF SAN MATEO, STATE OF CALIFORNIA, ON JANUARY 17, 1951, IN BOOK 32 OF MAPS AT PAGE 44, SOUTH 20° 18' EAST, 92.50 FEET AND SOUTHERLY TANGENT TO SAID COURSE ALONG THE WESTERLY BOUNDARY OF PARK PLAZA DRIVE ON THE ARC OF A CURVE TO THE RIGHT WITH A RADIUS OF 437.00 FEET AND SUBTENDING A CENTRAL ANGLE OF 2° 15' 42", AN ARC DISTANCE OF 17.50 FEET; THENCE LEAVING SAID LINE OF PARK PLAZA DRIVE, SOUTH 69° 42' WEST, 335.58 FEET; THENCE NORTH 33° 26' 30" WEST, 31.03 FEET; THENCE NORTH 20° 18' WEST, 79.78 FEET; THENCE NORTH 69° 42' EAST , 343.00 FEET TO THE POINT OF BEGINNING.

PARCEL 2:

BEGINNING AT A POINT ON THE SOUTHERLY BOUNDARY OF SOUTHGATE AVENUE, DISTANT THEREON NORTH 69° 42' EAST, 20.50 FEET FROM THE INTERSECTION OF SAID SOUTHERLY BOUNDARY AND THE CENTERLINE OF LAKE MERCED BOULEVARD, FORMERLY LYNNEWOOD DRIVE, PROJECTED, AS DELINEATED AND DESCRIBED UPON THE MAP ENTITLED, "WESTLAKE SUBDIVISION NO. 3, DALY CITY, CALIFORNIA", FILED IN THE OFFICE OF THE RECORDER OF THE COUNTY OF SAN MATEO, STATE OF CALIFORNIA, ON APRIL 7, 1950, IN BOOK 31 OF MAPS AT PAGE 19; THENCE NORTH 69° 42' EAST, 18.50 FEET; THENCE NORTH 20° 18' WEST, 11.50 FEET; THENCE NORTH 69° 42' EAST, 339.00 FEET TO THE WESTERLY BOUNDARY OF THE COLMA SEWER MAINTENANCE DISTRICT EASEMENT; THENCE SOUTH 20° 18' EAST, ALONG SAID WESTERLY BOUNDARY, 153.96 FEET; THENCE CONTINUING ALONG SAID WESTERLY BOUNDARY, SOUTH 1°40' 50" EAST, 89.74 FEET; THENCE LEAVING SAID WESTERLY BOUNDARY, SOUTH 69° 42' WEST, 329.84 FEET; THENCE NORTH 20° 18' WEST, 227.50 FEET TO THE POINT OF BEGINNING.

PARCEL 3:

BEGINNING AT A POINT ON THE SOUTHERLY LINE OF SOUTHGATE AVENUE, AS SHOWN ON THE MAP ENTITLED, "WESTLAKE SUBDIVISION NO. 3, DALY CITY, CALIFORNIA", FILED IN THE OFFICE OF THE RECORDER OF THE COUNTY OF SAN MATEO, STATE OF CALIFORNIA, ON APRIL 7, 1950, IN BOOK 31 OF MAPS AT PAGES 17, 18 AND 19; SAID POINT BEING AT THE INTERSECTION OF SAID SOUTHERLY LINE OF SOUTHGATE AVENUE AND THE SOUTHERLY PROLONGATION OF THE WESTERLY LINE OF LAKE MERCED BOULEVARD, FORMERLY LYNNEWOOD DRIVE, SAID WESTERLY LINE HAVING A BEARING OF SOUTH 20° 18' EAST, AS SHOWN ON SAID MAP; THENCE ALONG SAID SOUTHERLY LINE SOUTH 69° 42' WEST, 130.00 FEET; THENCE SOUTH 20° 18' EAST, 105 FEET; THENCE SOUTH 65° 18' EAST, 28.28 FEET;

THENCE NORTH 69° 42' EAST, 110 FEET; THENCE EASTERLY AND NORTHERLY ALONG THE ARC OF A CURVE TO THE LEFT FROM A TANGENT BEARING NORTH 69° 42' EAST, SAID CURVE HAVING A RADIUS OF 23 FEET AND A CENTRAL ANGLE OF 90° 00' A DISTANCE OF 36.13 FEET; THENCE NORTH 20° 18' WEST, 102.00 FEET TO THE SAID SOUTHEASTERLY LINE OF SOUTHGATE AVENUE; THENCE ALONG SAID LINE OF SOUTHGATE AVENUE, SOUTH 69° 42' WEST, 23.00 FEET TO THE POINT OF BEGINNING.

PARCEL 4:

BEGINNING AT A POINT ON THE SOUTHERLY LINE OF SOUTHGATE AVENUE, AS SAID SOUTHGATE AVENUE IS SHOWN ON THE MAP ENTITLED, "WESTLAKE SUBDIVISION NO. 3, DALY CITY, CALIFORNIA", WHICH MAP WAS FILED IN THE OFFICE OF THE RECORDER OF THE COUNTY OF SAN MATEO, STATE OF CALIFORNIA, ON APRIL 7, 1950, IN BOOK 31 OF MAPS AT PAGES 17, 18 AND 19, SAID POINT BEING DISTANT ON SAID SOUTHERLY LINE, SOUTH 69° 42' WEST, 130.00 FEET FROM THE INTERSECTION OF THE SOUTHERLY PROJECTION OF THE WESTERLY LINE OF LAKE MERCED BOULEVARD, FORMERLY LYNNEWOOD DRIVE AND THE SOUTHERLY LINE OF SAID SOUTHGATE AVENUE, ALL AS SHOWN ON THE AFOREMENTIONED MAP; THENCE FROM SAID POINT OF BEGINNING, CONTINUING ALONG SAID SOUTHERLY LINE OF SOUTHGATE AVENUE, AS FOLLOWS:

SOUTH 69° 42' WEST, 186.00 FEET, NORTH 20° 18' WEST, 5.00 FEET, NORTHWESTERLY ON THE ARC OF A CURVE TO THE RIGHT FROM A TANGENT WHICH BEARS SOUTH 69° 42' WEST, SAID CURVE HAVING A RADIUS OF 239.80 FEET, A CENTRAL ANGLE OF 29° 54' 59", AN ARC DISTANCE OF 125.21 FEET TO A POINT ON REVERSE CURVATURE AND WESTERLY ON THE ARC OF A CURVE TO THE LEFT, SAID CURVE HAVING A RADIUS OF 1,500.00 FEET, A CENTRAL ANGLE OF 3° 58' 10", AN ARC DISTANCE OF 103.92 FEET; THENCE SOUTH 5° 38' 49" WEST, 93.73 FEET; THENCE NORTH 89° 46' WEST, 39.97 FEET; THENCE SOUTHEASTERLY ON THE ARC OF A CURVE TO THE RIGHT FROM A TANGENT, WHICH BEARS SOUTH 76° 36' 06" EAST, SAID CURVE HAVING A RADIUS OF 224 FEET AND A CENTRAL ANGLE OF 1° 07' 06", A DISTANCE OF 4.37 FEET; THENCE SOUTH 75° 29' EAST, 94.34 FEET; THENCE SOUTHEASTERLY TANGENT TO THE LAST SAID COURSE ON THE ARC OF A CURVE TO THE RIGHT WITH A RADIUS OF 124.00 FEET, SUBTENDING A CENTRAL ANGLE OF 18° 26', AN ARC DISTANCE OF 39.89 FEET; THENCE SOUTH 57° 03' EAST, 59.03 FEET; THENCE NORTH 69° 42' EAST, 341.76 FEET; THENCE NORTH 65° 18' WEST, 15.38 FEET AND NORTH 20° 18' WEST, 105.00 FEET TO THE POINT OF BEGINNING.

PARCEL 5:

BEGINNING AT A POINT, DISTANT SOUTH 20° 18' EAST, 161.00 FEET AND SOUTHERLY TANGENT TO THE LAST SAID COURSE, ON THE ARC OF A CURVE TO THE RIGHT WITH A RADIUS OF 437.00 FEET, SUBTENDING A CENTRAL ANGLE OF 4° 15' 54", AN ARC DISTANCE OF 32.53 FEET FROM THE SOUTHEAST CORNER OF LOT 13, IN BLOCK 22, AS SAID LOT AND BLOCK, ARE SHOWN ON THAT CERTAIN MAP ENTITLED, "WESTLAKE SUBDIVISION NO. 3, DALY CITY, CALIFORNIA", WHICH MAP WAS FILED IN THE OFFICE OF THE RECORDER OF THE COUNTY OF SAN MATEO, STATE OF CALIFORNIA, ON APRIL 7, 1950, IN BOOK 31 OF MAPS AT PAGES 17, 18 AND 19; THENCE FROM SAID POINT OF BEGINNING, SOUTH 69° 42' WEST, 331.22 FEET TO A POINT IN THE NORTHEASTERLY LINE OF SAN FRANCISCO WATER DEPARTMENT PIPELINE EASEMENT, 50.00 FEET WIDE; THENCE ALONG SAID LINE SOUTH 33° 26' 30" EAST, 9.50 FEET; THENCE LEAVING SAID LINE SOUTH 9° 19' 20" WEST, 131.42 FEET; THENCE SOUTH 69° 42' WEST, 430.38 FEET; THENCE NORTH 1° 44' EAST, 10.53 FEET; THENCE TANGENT TO THE LAST SAID COURSE, NORTHERLY ON THE ARC OF A CURVE TO THE LEFT WITH A RADIUS OF 283.00 FEET, SUBTENDING A CENTRAL ANGLE OF 15° 33' 18", AN ARC DISTANCE OF 76.83 FEET TO A POINT, DISTANT SOUTH 69° 42' WEST, 18.81 FEET AND SOUTH 20° 18' EAST, 193.00 FEET FROM THE MONUMENT AT THE INTERSECTION ON THE

CENTERLINES OF SOUTHGATE AVENUE AND LAKE MERCED BOULEVARD (FORMERLY LYNNEWOOD DRIVE), AS SHOWN ON THE AFORESAID MAP OF WESTLAKE SUBDIVISION NO. 3; THENCE SOUTH 69° 42' WEST, 136.62 FEET; THENCE NORTH 50° 18' WEST, 14.00 FEET; THENCE SOUTH 69° 42' WEST, 305.84 FEET; THENCE SOUTH 32° 57' WEST, 35.19 FEET; THENCE NORTH 57° 03' WEST, 98.58 FEET; THENCE NORTHWESTERLY TANGENT TO THE LAST SAID COURSE ON THE ARC OF A CURVE TO THE LEFT WITH A RADIUS OF 100.00 FEET, SUBTENDING A CENTRAL ANGLE OF 18° 26', AN ARC DISTANCE OF 32.17 FEET; THENCE NORTH 75° 29' WEST, 94.34 FEET; THENCE WESTERLY TANGENT TO THE LAST SAID COURSE, ON THE ARC OF A CURVE TO THE LEFT WITH A RADIUS OF 200.00 FEET, SUBTENDING A CENTRAL ANGLE OF 11° 42', AN ARC DISTANCE OF 40.84 FEET; THENCE NORTH 87° 11 WEST, 85.30 FEET TO A POINT IN THE SOUTHERLY PROLONGATION OF THE WESTERLY LINE OF THE DALY CITY PUBLIC LIBRARY SITE, AS DESCRIBED IN THE DEED FROM HENRY DOELGER BUILDER, INCORPORATED, TO CITY OF DALY CITY, A MUNICIPAL CORPORATION, DATED APRIL 8, 1957, AND RECORDED SEPTEMBER 3, 1957, AND RECORDED SEPTEMBER 3, 1959, IN BOOK 3667, pAGE 97 (84159-R), DISTANT THEREON SOUTH 0° 14' WEST, 14.47 FEET FROM THE SOUTHWEST CORNER THEREOF; THENCE ALONG SAID LINE NORTH 0° 14' EAST, 14.47 FEET TO SAID SOUTHWEST CORNER OF THE DALY CITY PUBLIC LIBRARY SITE; THENCE ALONG THE SOUTHERLY LINE OF SAID LIBRARY SITE, SOUTH 89° 46' EAST, 127.22 FEET; THENCE LEAVING SAID LINE EASTERLY FROM A TANGENT BEARING SOUTH 76° 36' 06" EAST, ON THE ARC OF A CURVE TO THE RIGHT WITH A RADIUS OF 224.00 FEET, SUBTENDING A CENTRAL ANGLE OF 1° 07' 06", AN ARC DISTANCE OF 4.37 FEET; THENCE SOUTH 75° 29' EAST 94.34 FEET; THENCE SOUTHEASTERLY TANGENT TO THE LAST SAID COURSE ON THE ARC OF A CURVE TO THE RIGHT WITH A RADIUS OF 124.00 FEET, SUBTENDING A CENTRAL ANGLE OF 18° 26', AN ARC DISTANCE OF 39.89 FEET; THENCE SOUTH 57° 03' EAST, 59.03 FEET; THENCE NORTH 69° 42' EAST, 341.76 FEET; THENCE SOUTH 65° 18' EAST, 12.90 FEET; THENCE NORTH 69° 42' EAST, 110.00 FEET; THENCE NORTHERLY TANGENT TO THE LAST SAID COURSE, ON THE ARC OF A CURVE TO THE LEFT WITH A RADIUS OF 23.00 FEET, SUBTENDING A CENTRAL OF 90° 00', AN ARC DISTANCE OF 36.13 FEET TO A POINT DISTANT, SOUTH 69° 42' WEST, 17.00 FEET AND SOUTH 20° 18' EAST, 142.00 FEET FROM AFORESAID MONUMENT, AT THE INTERSECTION OF THE CENTERLINES OF SOUTHGATE AVENUE AND LAKE MERCED BOULEVARD (FORMERLY LYNNEWOOD DRIVE), THENCE NORTH 20° 18' WEST, 102.00 FEET TO A POINT IN THE SOUTHEASTERLY LINE OF SOUTHGATE AVENUE; THENCE ALONG SAID SOUTHEASTERLY LINE OF SOUTHGATE AVENUE, NORTH 69° 42' EAST, 37.50 FEET; THENCE LEAVING SAID LINE, SOUTH 20° 18' EAST, 227.50 FEET; THENCE NORTH 69° 42' EAST, 329.85 FEET; THENCE NORTH 1° 40' 50" WEST, 89.74 FEET; THENCE NORTH 20° 18' WEST, 153.96 FEET TO A POINT IN THE LINE PARALLEL WITH THE CENTERLINE OF SOUTHGATE AVENUE AND RIGHT ANGLES, DISTANT SOUTHEASTERLY 28.50 FEET THEREFROM; THENCE ALONG SAID PARALLEL LINE, NORTH 69° 42' EAST, 62.00 FEET TO A POINT IN THE NORTHEASTERLY LINE OF AFORESAID SAN FRANCISCO WATER DEPARTMENT PIPELINE EASEMENT; THENCE ALONG SAID LINE SOUTH 20° 18' EAST, 79.78 FEET TO AN ANGLE POINT THEREIN AND SOUTH 33° 26' 30" EAST, 31.03 FEET; THENCE LEAVING SAID LINE NORTH 69° 42' EAST, 335.58 FEET TO A POINT IN THE SOUTHEASTERLY EXTENSION OF THE SOUTHWESTERLY LINE OF PARK PLAZA DRIVE; THENCE SOUTHERLY ALONG LAST SAID LINE FROM A TANGENT, BEARING SOUTH 18° 00' 18" EAST, ON THE ARC OF A CURVE TO THE RIGHT WITH A RADIUS OF 437.00 FEET, SUBTENDING A CENTRAL ANGLE OF 1° 58' 12", AN ARC DISTANCE OF 15.03 FEET TO THE POINT OF BEGINNING.

PARCEL 6:

NON-EXCLUSIVE EASEMENT FOR THE INSTALLATION AND MAINTENANCE OF UTILITIES AND DRAINAGE FACILITIES AND FOR DRIVEWAY PURPOSES OVER, ACROSS AND UPON THE FOLLOWING DESCRIBED REAL PROPERTY BEING APPURTENANT TO THE ABOVE PARCELS 1, 2, 3 AND 4.

BEGINNING AT A POINT DISTANT SOUTH 20° 18' EAST, 161.00 FEET AND TANGENT TO THE LAST SAID COURSE SOUTHERLY ON THE ARC OF A CURVE TO THE RIGHT WITH A RADIUS OF 437.00 FEET; SUBTENDING A CENTRAL ANGLE OF 4° 15' 54", AN ARC DISTANCE OF 32.53 FEET FROM THE SOUTHEAST CORNER OF LOT 13 IN BLOCK 22, AS SAID LOT AND BLOCK ARE SHOWN ON THAT CERTAIN MAP ENTITLED, "WESTLAKE SUBDIVISION NO. 3, DALY CITY, CALIFORNIA", FILED IN THE OFFICE OF THE RECORDER OF THE COUNTY OF SAN MATEO, STATE OF CALIFORNIA, ON APRIL 7, 1950, IN BOOK 31 OF MAPS AT PAGES 17, 18 AND 19; THENCE FROM SAID POINT OF BEGINNING, SOUTH 69° 42' WEST, 331.22 FEET TO A POINT IN THE NORTHEASTERLY LINE OF THE SAN FRANCISCO WATER DEPARTMENT PIPELINE EASEMENT, 50.00 FEET WIDE; THENCE ALONG SAID LINE SOUTH 33° 26' 30" EAST, 9.50 FEET; THENCE LEAVING SAID LINE SOUTH 9° 19' 20" WEST, 6.61 FEET; THENCE NORTH 69° 42' EAST, 330.95 FEET; THENCE NORTHERLY FROM A TANGENT BEARING NORTH 14° 03' 36" WEST, ON THE ARC OF A CURVE TO THE LEFT WITH A RADIUS OF 437.00 FEET, SUBTENDING A CENTRAL ANGLE OF 1° 58' 30", AN ARC DISTANCE OF 15.06 FEET TO THE POINT OF BEGINNING.

PARCEL 7:

NON-EXCLUSIVE EASEMENT FOR THE INSTALLATION AND MAINTENANCE OF UTILITIES AND DRAINAGE FACILITIES AND FOR DRIVEWAY PURPOSES OVER, ACROSS AND UPON THE FOLLOWING DESCRIBED REAL PROPERTY BEING APPURTENANT TO THE ABOVE PARCELS 1, 2, 3 AND 4.

BEGINNING FOR REFERENCE AT THE MONUMENT AT THE INTERSECTION OF THE CENTERLINES OF SOUTHGATE AVENUE AND LAKE MERCED BOULEVARD (FORMERLY LYNNEWOOD DRIVE), AS SHOWN ON AFORESAID MAP OF WESTLAKE SUBDIVISION NO. 3; THENCE ALONG THE CENTERLINE OF SOUTHGATE AVENUE, SOUTH 69° 42' WEST, 17.00 FEET; THENCE LEAVING SAID CENTERLINE AT A RIGHT ANGLE, SOUTH 20° 18' EAST, 161.07 FEET; THENCE SOUTHERLY TANGENT TO THE LAST SAID COURSE, ON THE ARC OF A CURVE TO THE RIGHT WITH A RADIUS OF 283.00 FEET; SUBTENDING A CENTRAL ANGLE OF 22° 02', AN ARC DISTANCE OF 108.83 FEET; THENCE SOUTH 1° 44' WEST, 10.53 FEET TO THE TRUE POINT OF BEGINNING, SOUTH 1° 44' WEST, 11.33 FEET; THENCE NORTH 69° 42' EAST, 428.66 FEET; THENCE NORTH 9° 19' 20" EAST, 12.08 FEET; THENCE SOUTH 69° 42' WEST, 430.38 FEET TO THE TRUE POINT OF BEGINNING.

PARCEL 8:

ALL OF LOTS 1 THROUGH 7, INCLUSIVE, AND LOTS 12 AND 13, BLOCK 22, AS SAID LOTS AND BLOCK ARE SHOWN ON THAT CERTAIN MAP ENTITLED "WESTLAKE SUBDIVISION NO. 3", FILED FOR RECORD ON APRIL 7, 1950 IN VOLUME 31 OF MAPS AT PAGES 17 THROUGH 19, INCLUSIVE, IN THE OFFICE OF THE RECORDER OF SAN MATEO COUNTY.

PARCEL 9:

ADJUSTED LOT 8 AS SHOWN ON LOT LINE ADJUSTMENT, AS EVIDENCED BY DOCUMENT RECORDED JANUARY 27, 2005 AS INSTRUMENT NO. 2005-013939 OF OFFICIAL RECORDS, BEING MORE PARTICULARLY DESCRIBED AS FOLLOWS:

ALL THAT REAL PROPERTY SITUATE IN THE CITY OF DALY CITY, COUNTY OF SAN MATEO, STATE OF CALIFORNIA, BEING A PORTION OF BLOCK 22 AS SAID BLOCK IS SHOWN ON THAT CERTAIN MAP ENTITLED "WESTLAKE SUBDIVISION NO. 3" FILED FOR RECORD ON APRIL 7, 1950 IN VOLUME 31 OF MAPS AT PAGES 17 THROUGH 19, INCLUSIVE, IN THE OFFICE OF THE RECORDER FOR SAN MATEO COUNTY AND BEING MORE PARTICULARLY DESCRIBED AS FOLLOWS:

BEGINNING AT THE MOST SOUTHERLY CORNER OF SAID BLOCK 22; THENCE ALONG THE WESTERLY LINE OF SAID BLOCK, NORTH 20°18'00" WEST, 300.00 FEET; THENCE LEAVING SAID WESTERLY LINE, SOUTH 69°42'00" WEST, 291.675 FEET; THENCE NORTH 20°18'00" WEST, 100.00 FEET TO THE TRUE POINT OF BEGINNING; THENCE NORTH 20°18'00" WEST, 144.00 FEET; THENCE SOUTH 69°42'00" WEST, 291.675 FEET TO A POINT ON THE WESTERLY LINE OF SAID BLOCK; THENCE ALONG SAID WESTERLY LINE, NORTH 20°18'00" WEST, 51.00 FEET TO THE MOST WESTERLY CORNER OF LOT 8 OF SAID BLOCK; THENCE ALONG THE NORTHERLY LINE OF SAID LOT, NORTH 69°42'00" EAST, 744.00 FEET TO THE MOST NORTHERLY CORNER OF SAID LOT; THENCE ALONG THE EASTERLY LINE OF SAID BLOCK, SOUTH 20°18'00" EAST, 195.00 FEET; THENCE SOUTH 69°42'00" WEST, 452.325 FEET TO THE TRUE POINT OF BEGINNING.

PARCEL 10:

ADJUSTED LOT 9 AS SHOWN ON LOT LINE ADJUSTMENT, AS EVIDENCED BY DOCUMENT RECORDED JANUARY 27, 2005 AS INSTRUMENT NO. 2005-013939 OF OFFICIAL RECORDS, BEING MORE PARTICULARLY DESCRIBED AS FOLLOWS:

ALL THAT REAL PROPERTY SITUATE IN THE CITY OF DALY CITY, COUNTY OF SAN MATEO, STATE OF CALIFORNIA, BEING A PORTION OF BLOCK 22 AS SAID BLOCK IS SHOWN ON THAT CERTAIN MAP ENTITLED "WESTLAKE SUBDIVISION NO. 3" FILED FOR RECORD ON APRIL 7, 1950 IN VOLUME 31 OF MAPS AT PAGES 17 THROUGH 19, INCLUSIVE, IN THE OFFICE OF THE RECORDER FOR SAN MATEO COUNTY AND BEING MORE PARTICULARLY DESCRIBED AS FOLLOWS:

BEGINNING AT THE MOST SOUTHERLY CORNER OF SAID BLOCK 22; THENCE ALONG THE WESTERLY LINE OF SAID BLOCK, NORTH 20°18'00" WEST, 303.50 FEET TO THE TRUE POINT OF BEGINNING; THENCE CONTINUING ALONG SAID WESTERLY LINE, NORTH 20°18'00" WEST, 240.50 FEET; THENCE LEAVING SAID WESTERLY LINE, NORTH 69°42'00" EAST, 291.675 FEET; THENCE SOUTH 20°18'00" EAST, 240.50 FEET; THENCE SOUTH 69°42'00" WEST, 291.675 FEET TO THE TRUE POINT OF BEGINNING.

PARCEL 11:

ADJUSTED LOT 10 AS SHOWN ON LOT LINE ADJUSTMENT, AS EVIDENCED BY DOCUMENT RECORDED JANUARY 27, 2005 AS INSTRUMENT NO. 2005-013939 OF OFFICIAL RECORDS, BEING MORE PARTICULARLY DESCRIBED AS FOLLOWS:

ALL THAT REAL PROPERTY SITUATE IN THE CITY OF DALY CITY, COUNTY OF SAN MATEO, STATE OF CALIFORNIA, BEING A PORTION OF BLOCK 22 AS SAID BLOCK IS SHOWN ON THAT CERTAIN MAP ENTITLED "WESTLAKE SUBDIVISION NO. 3" FILED FOR RECORD ON APRIL 7, 1950 IN VOLUME 31 OF MAPS AT PAGES 17 THROUGH 19, INCLUSIVE, IN THE OFFICE OF THE RECORDER FOR SAN MATEO COUNTY AND BEING MORE PARTICULARLY DESCRIBED AS FOLLOWS:

BEGINNING AT THE MOST SOUTHERLY CORNER OF SAID BLOCK 22; THENCE ALONG THE WESTERLY LINE OF SAID BLOCK, NORTH 20°18'00" WEST, 300.00 FEET; THENCE LEAVING SAID WESTERLY LINE, NORTH 69°42'00" EAST, 291.675 FEET; THENCE NORTH 20°18'00" WEST, 3.50 FEET TO THE TRUE POINT OF BEGINNING; THENCE NORTH 20°18'00" WEST, 96.50 FEET; THENCE NORTH 69°42'00" EAST, 452.325 FEET TO A POINT ON THE EASTERLY LINE OF SAID BLOCK; THENCE ALONG SAID EASTERLY LINE, SOUTH 20°18'00" EAST, 96.50 FEET; THENCE LEAVING SAID EASTERLY LINE, SOUTH 69°42'00" WEST, 452.325 FEET TO THE TRUE POINT OF BEGINNING.

PARCEL 12:

ADJUSTED LOT 11 AS SHOWN ON LOT LINE ADJUSTMENT, AS EVIDENCED BY DOCUMENT RECORDED JANUARY 27, 2005 AS INSTRUMENT NO. 2005-013939 OF OFFICIAL RECORDS, BEING MORE PARTICULARLY DESCRIBED AS FOLLOWS:

ALL THAT REAL PROPERTY SITUATE IN THE CITY OF DALY CITY, COUNTY OF SAN MATEO, STATE OF CALIFORNIA, BEING A PORTION OF BLOCK 22 AS SAID BLOCK IS SHOWN ON THAT CERTAIN MAP ENTITLED "WESTLAKE SUBDIVISION NO. 3" FILED FOR RECORD ON APRIL 7, 1950 IN VOLUME 31 OF MAPS AT PAGES 17 THROUGH 19, INCLUSIVE, IN THE OFFICE OF THE RECORDER FOR SAN MATEO COUNTY AND BEING MORE PARTICULARLY DESCRIBED AS FOLLOWS:

BEGINNING AT THE MOST SOUTHERLY CORNER OF SAID BLOCK 22; THENCE ALONG THE WESTERLY LINE OF SAID BLOCK, NORTH 20°18'00" WEST, 200.00 FEET TO THE MOST SOUTHERLY CORNER OF LOT 11 OF SAID BLOCK 22 AND THE TRUE POINT OF BEGINNING; THENCE CONTINUING ALONG SAID WESTERLY LINE, NORTH 20°18'00" WEST, 103.50 FEET; THENCE LEAVING SAID WESTERLY LINE, NORTH 69°42'00" EAST, 744.00 FEET TO A POINT ON THE EASTERLY LINE OF SAID BLOCK; THENCE ALONG SAID EASTERLY LINE, SOUTH 20°18'00" EAST, 103.50 FEET TO THE MOST EASTERLY CORNER OF SAID LOT 11; THENCE ALONG THE SOUTHERLY LINE OF SAID LOT 11, SOUTH 69°42'00" WEST, 744.00 FEET TO THE TRUE POINT OF BEGINNING.

PARCEL 13:

THAT CERTAIN PORTION OF SOUTH MAYFAIR AVENUE ADJOINING BLOCK 22, AS SHOWN ON THAT CERTAIN MAP ENTITLED, "WESTLAKE SUBDIVISION NO. 3, DALY CITY, CALIFORNIA", FILED IN THE OFFICE OF THE RECORDER OF THE COUNTY OF SAN MATEO, STATE OF CALIFORNIA, ON APRIL 7, 1950, IN BOOK 31 OF MAPS, AT PAGE 19, BEING MORE PARTICULARLY DESCRIBED AS FOLLOWS:

BEGINNING AT THE NORTHEASTERLY CORNER OF SAID BLOCK 22, SAID CORNER BEING THE SOUTHWESTERLY CORNER OF THE INTERSECTION OF PARK PLAZA DRIVE AND SOUTH MAYFAIR AVENUE; THENCE WESTERLY SOUTH 69° 42' WEST, 10 FEET ALONG THE NORTHERLY LINE OF BLOCK 22 TO THE TRUE POINT OF BEGINNING; THENCE WESTERLY ALONG SAID NORTHERLY LINE, SOUTH 69° 42' WEST, 714 FEET TO A POINT 20 FEET FROM THE NORTHWEST CORNER OF SAID BLOCK 22, SAID CORNER BEING THE SOUTHEASTERLY CORNER OF THE INTERSECTION OF LAKE MERCED BOULEVARD AND SOUTH MAYFAIR AVENUE; THENCE NORTH 20° 18' WEST, 75 FEET TO THE NORTHERLY RIGHT OF WAY LINE OF SOUTH MAYFAIR AVENUE; THENCE NORTH 69° 42' EAST, 714 FEET ALONG SAID NORTHERLY LINE; THENCE SOUTH 20° 18' EAST, 75 FEET TO THE TRUE POINT OF BEGINNING.

APN: 002-201-520 (Affects: portion of Parcel 1),
002-201-530 (Affects: portion of Parcel 1),
002-201-540 (Affects: portion of Parcel 1),
002-201-140 (Affects: Parcel 2),
002-201-550 (Affects: Parcel 5),
002-191-330 (Affects: portion of Parcel 4),
002-201-560 (Affects: portion of Parcel 4),
002-191-340 (Affects: portion of Parcel 5),
002-201-570 (Affects: portion of Parcel 5),
002-170-200 (Affects: portion of Parcel 13),
002-170-220 (Affects: Parcel 10),

002-170-230 (Affects: Parcels 8, 9, 11, 12 and portion of Parcel 13),

JPN'S:

002-020-201-52A (Affects: portion of Parcel 1),
002-020-201-53A (Affects: portion of Parcel 1),
002-020-201-54A (Affects: portion of Parcel 1),
002-020-201-14A (Affects: Parcel 2),
002-020-201-55A (Affects: Parcel 5),
002-019-191-33A (Affects: portion of Parcel 4),
002-020-201-56A (Affects: portion of Parcel 4),
002-019-191-34A (Affects: portion of Parcel 5),
002-020-201-57A (Affects: portion of Parcel 5),
002-017-170-02A (Affects: portions of Parcels 8 through 13)
002-017-170-03A (Affects: portions of Parcels 8 through 13)
002-017-170-04A (Affects: portions of Parcels 8 through 13)
002-017-170-05A (Affects: portions of Parcels 8 through 13)
002-017-170-07A (Affects: portions of Parcels 8 through 13)
002-017-170-08A (Affects: portions of Parcels 8 through 13)
002-017-170-09A (Affects: portions of Parcels 8 through 13)
002-017-170-10A (Affects: portions of Parcels 8 through 13)
002-017-170-11A (Affects: portions of Parcels 8 through 13)
002-017-170-12A (Affects: portions of Parcels 8 through 13)
002-017-170-13A (Affects: portions of Parcels 8 through 13)
002-017-170-14A (Affects: portions of Parcels 8 through 13)
002-017-170-16A (Affects: portions of Parcels 8 through 13)
002-017-170-17A (Affects: portions of Parcels 8 through 13)
002-017-170-18A (Affects: portions of Parcels 8 through 13)
002-017-170-19.01A (Affects: portions of Parcels 8 through 13)
002-017-170-20.01A (Affects: portions of Parcels 8 through 13)

NOTICE I

Section 12413.1 of the California Insurance Code, effective January 1, 1990, requires that any title insurance company, underwritten title company, or controlled escrow company handling funds in an escrow or sub-escrow capacity, wait a specified number of days after depositing funds, before recording any documents in connection with the transaction or disbursing funds. This statute allows for funds deposited by wire transfer to be disbursed the same day as deposit. In the case of cashier's checks or certified checks, funds may be disbursed the next day after deposit. In order to avoid unnecessary delays of three to seven days, or more, please use wire transfer, cashier's checks, or certified checks whenever possible.

If you have any questions about the effect of this new law, please contact your local First American Office for more details.

NOTICE II

As of January 1, 1991, if the transaction which is the subject of this report will be a sale, you as a party to the transaction, may have certain tax reporting and withholding obligations pursuant to the state law referred to below:

In accordance with Sections 18662 and 18668 of the Revenue and Taxation Code, a buyer may be required to withhold an amount equal to three and one-third percent of the sales price in the case of the disposition of California real property interest by either:

1. A seller who is an individual with a last known street address outside of California or when the disbursement instructions authorize the proceeds be sent to a financial intermediary of the seller, OR
2. A corporate seller which has no permanent place of business in California.

The buyer may become subject to penalty for failure to withhold an amount equal to the greater of 10 percent of the amount required to be withheld or five hundred dollars ($500).

However, notwithstanding any other provision included in the California statutes referenced above, no buyer will be required to withhold any amount or be subject to penalty for failure to withhold if:

1. The sales price of the California real property conveyed does not exceed one hundred thousand dollars ($100,000), OR
2. The seller executes a written certificate, under the penalty of perjury, certifying that the seller is a resident of California, or if a corporation, has a permanent place of business in California, OR
3. The seller, who is an individual, executes a written certificate, under the penalty of perjury, that the California real property being conveyed is the seller's principal residence (as defined in Section 1034 of the Internal Revenue Code).

The seller is subject to penalty for knowingly filing a fraudulent certificate for the purpose of avoiding the withholding requirement.

The California statutes referenced above include provisions which authorize the Franchise Tax Board to grant reduced withholding and waivers from withholding on a case-by-case basis.

The parties to this transaction should seek an attorney's, accountant's, or other tax specialist's opinion concerning the effect of this law on this transaction and should not act on any statements made or omitted by the escrow or closing officer.

The Seller May Request a Waiver by Contacting:
Franchise Tax Board
Withhold at Source Unit
P.O. Box 651
Sacramento, CA 95812-0651
(916) 845-4900

Privacy Policy

We Are Committed to Safeguarding Customer Information

In order to better serve your needs now and in the future, we may ask you to provide us with certain information. We understand that you may be concerned about what we will do with such information - particularly any personal or financial information. We agree that you have a right to know how we will utilize the personal information you provide to us. Therefore, together with our parent company, The First American Corporation, we have adopted this Privacy Policy to govern the use and handling of your personal information.

Applicability

This Privacy Policy governs our use of the information which you provide to us. It does not govern the manner in which we may use information we have obtained from any other source, such as information obtained from a public record or from another person or entity. First American has also adopted broader guidelines that govern our use of personal information regardless of its source. First American calls these guidelines its *Fair Information Values*, a copy of which can be found on our website at www.firstam.com.

Types of Information

Depending upon which of our services you are utilizing, the types of nonpublic personal information that we may collect include:

- Information we receive from you on applications, forms and in other communications to us, whether in writing, in person, by telephone or any other means;
- Information about your transactions with us, our affiliated companies, or others; and
- Information we receive from a consumer reporting agency.

Use of Information

We request information from you for our own legitimate business purposes and not for the benefit of any nonaffiliated party. Therefore, we will not release your information to nonaffiliated parties except: (1) as necessary for us to provide the product or service you have requested of us; or (2) as permitted by law. We may, however, store such information indefinitely, including the period after which any customer relationship has ceased. Such information may be used for any internal purpose, such as quality control efforts or customer analysis. We may also provide all of the types of nonpublic personal information listed above to one or more of our affiliated companies. Such affiliated companies include financial service providers, such as title insurers, property and casualty insurers, and trust and investment advisory companies, or companies involved in real estate services, such as appraisal companies, home warranty companies, and escrow companies. Furthermore, we may also provide all the information we collect, as described above, to companies that perform marketing services on our behalf, on behalf of our affiliated companies, or to other financial institutions with whom we or our affiliated companies have joint marketing agreements.

Former Customers

Even if you are no longer our customer, our Privacy Policy will continue to apply to you.

Confidentiality and Security

We will use our best efforts to ensure that no unauthorized parties have access to any of your information. We restrict access to nonpublic personal information about you to those individuals and entities who need to know that information to provide products or services to you. We will use our best efforts to train and oversee our employees and agents to ensure that your information will be handled responsibly and in accordance with this Privacy Policy and First American's *Fair Information Values*. We currently maintain physical, electronic, and procedural safeguards that comply with federal regulations to guard your nonpublic personal information.

CLTA/ALTA HOMEOWNER'S POLICY OF TITLE INSURANCE (02-03-10)
EXCLUSIONS

In addition to the Exceptions in Schedule B, You are not insured against loss, costs, attorneys' fees, and expenses resulting from:

1. Governmental police power, and the existence or violation of those portions of any law or government regulation concerning:
   (a) building; (d) improvements on the Land;
   (b) zoning; (e) land division; and
   (c) land use; (f) environmental protection.
   This Exclusion does not limit the coverage described in Covered Risk 8.a., 14, 15, 16, 18, 19, 20, 23 or 27.
2. The failure of Your existing structures, or any part of them, to be constructed in accordance with applicable building codes. This Exclusion does not limit the coverage described in Covered Risk 14 or 15.
3. The right to take the Land by condemning it. This Exclusion does not limit the coverage described in Covered Risk 17.
4. Risks:
   (a) that are created, allowed, or agreed to by You, whether or not they are recorded in the Public Records;
   (b) that are Known to You at the Policy Date, but not to Us, unless they are recorded in the Public Records at the Policy Date;
   (c) that result in no loss to You; or
   (d) that first occur after the Policy Date - this does not limit the coverage described in Covered Risk 7, 8.e., 25, 26, 27 or 28.
5. Failure to pay value for Your Title.
6. Lack of a right:
   (a) to any land outside the area specifically described and referred to in paragraph 3 of Schedule A; and
   (b) in streets, alleys, or waterways that touch the Land.
   This Exclusion does not limit the coverage described in Covered Risk 11 or 21.
7. The transfer of the Title to You is invalid as a preferential transfer or as a fraudulent transfer or conveyance under federal bankruptcy, state insolvency, or similar creditors' rights laws.

LIMITATIONS ON COVERED RISKS

Your insurance for the following Covered Risks is limited on the Owner's Coverage Statement as follows: For Covered Risk 16, 18, 19, and 21 Your Deductible Amount and Our Maximum Dollar Limit of Liability shown in Schedule A.

	Your Deductible Amount	Our Maximum Dollar Limit of Liability
Covered Risk 16:	1% of Policy Amount or $2,500.00 (whichever is less)	$10,000.00
Covered Risk 18:	1% of Policy Amount or $5,000.00 (whichever is less)	$25,000.00
Covered Risk 19:	1% of Policy Amount or $5,000.00 (whichever is less)	$25,000.00
Covered Risk 21:	1% of Policy Amount or $2,500.00 (whichever is less)	$5,000.00

ALTA RESIDENTIAL TITLE INSURANCE POLICY (6-1-87)
EXCLUSIONS

In addition to the Exceptions in Schedule B, you are not insured against loss, costs, attorneys' fees, and expenses resulting from:

1. Governmental police power, and the existence or violation of any law or government regulation. This includes building and zoning ordinances and also laws and regulations concerning:
   (a) and use
   (b) improvements on the land
   (c) and division
   (d) environmental protection
   This exclusion does not apply to violations or the enforcement of these matters which appear in the public records at Policy Date.
   This exclusion does not limit the zoning coverage described in Items 12 and 13 of Covered Title Risks.
2. The right to take the land by condemning it, unless:
   (a) a notice of exercising the right appears in the public records on the Policy Date
   (b) the taking happened prior to the Policy Date and is binding on you if you bought the land without knowing of the taking
3. Title Risks:
   (a) that are created, allowed, or agreed to by you
   (b) that are known to you, but not to us, on the Policy Date -- unless they appeared in the public records
   (c) that result in no loss to you
   (d) that first affect your title after the Policy Date -- this does not limit the labor and material lien coverage in Item 8 of Covered Title Risks
4. Failure to pay value for your title.

5. Lack of a right:
   (a) to any land outside the area specifically described and referred to in Item 3 of Schedule A OR
   (b) in streets, alleys, or waterways that touch your land
   This exclusion does not limit the access coverage in Item 5 of Covered Title Risks.

2006 ALTA LOAN POLICY (06-17-06)
EXCLUSIONS FROM COVERAGE

The following matters are expressly excluded from the coverage of this policy, and the Company will not pay loss or damage, costs, attorneys' fees, or expenses that arise by reason of:

1. a. Any law, ordinance, permit, or governmental regulation (including those relating to building and zoning) restricting, regulating, prohibiting, or relating to
      i. the occupancy, use, or enjoyment of the Land;
      ii. the character, dimensions, or location of any improvement erected on the Land;
      iii. the subdivision of land; or
      iv. environmental protection;

      or the effect of any violation of these laws, ordinances, or governmental regulations. This Exclusion 1(a) does not modify or limit the coverage provided under Covered Risk 5.
   b. Any governmental police power. This Exclusion 1(b) does not modify or limit the coverage provided under Covered Risk 6.
2. Rights of eminent domain. This Exclusion does not modify or limit the coverage provided under Covered Risk 7 or 8.
3. Defects, liens, encumbrances, adverse claims, or other matters
   a. created, suffered, assumed, or agreed to by the Insured Claimant;
   b. not Known to the Company, not recorded in the Public Records at Date of Policy, but Known to the Insured Claimant and not disclosed in writing to the Company by the Insured Claimant prior to the date the Insured Claimant became an Insured under this policy;
   c. resulting in no loss or damage to the Insured Claimant;
   d. attaching or created subsequent to Date of Policy (however, this does not modify or limit the coverage provided under Covered Risk 11, 13, or 14); or
   e. resulting in loss or damage that would not have been sustained if the Insured Claimant had paid value for the Insured Mortgage.
4. Unenforceability of the lien of the Insured Mortgage because of the inability or failure of an Insured to comply with applicable doing-business laws of the state where the Land is situated.
5. Invalidity or unenforceability in whole or in part of the lien of the Insured Mortgage that arises out of the transaction evidenced by the Insured Mortgage and is based upon usury or any consumer credit protection or truth-in-lending law.
6. Any claim, by reason of the operation of federal bankruptcy, state insolvency, or similar creditors' rights laws, that the transaction creating the lien of the Insured Mortgage, is
   a. a fraudulent conveyance or fraudulent transfer, or
   b. a preferential transfer for any reason not stated in Covered Risk 13(b) of this policy.
7. Any lien on the Title for real estate taxes or assessments imposed by governmental authority and created or attaching between Date of Policy and the date of recording of the Insured Mortgage in the Public Records. This Exclusion does not modify or limit the coverage provided under Covered Risk 11(b).

The above policy form may be issued to afford either Standard Coverage or Extended Coverage. In addition to the above Exclusions from Coverage, the Exceptions from Coverage in a Standard Coverage policy will also include the following Exceptions from Coverage:

EXCEPTIONS FROM COVERAGE

This policy does not insure against loss or damage (and the Company will not pay costs, attorneys' fees or expenses) that arise by reason of:

1. (a) Taxes or assessments that are not shown as existing liens by the records of any taxing authority that levies taxes or assessments on real property or by the Public Records; (b) proceedings by a public agency that may result in taxes or assessments, or notices of such proceedings, whether or not shown by the records of such agency or by the Public Records.
2. Any facts, rights, interests, or claims that are not shown by the Public Records but that could be ascertained by an inspection of the Land or that may be asserted by persons in possession of the Land.
3. Easements, liens or encumbrances, or claims thereof, not shown by the Public Records.
4. Any encroachment, encumbrance, violation, variation, or adverse circumstance affecting the Title that would be disclosed by an accurate and complete land survey of the Land and not shown by the Public Records.
5. (a) Unpatented mining claims; (b) reservations or exceptions in patents or in Acts authorizing the issuance thereof; (c) water rights, claims or title to water, whether or not the matters excepted under (a), (b), or (c) are shown by the Public Records.
6. Any lien or right to a lien for services, labor or material not shown by the public records.

2006 ALTA OWNER'S POLICY (06-17-06)
EXCLUSIONS FROM COVERAGE

The following matters are expressly excluded from the coverage of this policy, and the Company will not pay loss or damage, costs, attorneys' fees, or expenses that arise by reason of:

1. a. Any law, ordinance, permit, or governmental regulation (including those relating to building and zoning) restricting, regulating, prohibiting, or relating to
   i. the occupancy, use, or enjoyment of the Land;
   ii. the character, dimensions, or location of any improvement erected on the Land;
   iii. the subdivision of land; or
   iv. environmental protection;

   or the effect of any violation of these laws, ordinances, or governmental regulations. This Exclusion 1(a) does not modify or limit the coverage provided under Covered Risk 5.

   b.Any governmental police power. This Exclusion 1(b) does not modify or limit the coverage provided under Covered Risk 6.
2. Rights of eminent domain. This Exclusion does not modify or limit the coverage provided under Covered Risk 7 or 8.
3. Defects, liens, encumbrances, adverse claims, or other matters
   a. created, suffered, assumed, or agreed to by the Insured Claimant;
   b. not Known to the Company, not recorded in the Public Records at Date of Policy, but known to the Insured Claimant and not disclosed in writing to the Company by the Insured Claimant prior to the date the Insured Claimant became an Insured under this policy;
   c. resulting in no loss or damage to the Insured Claimant;
   d. attaching or created subsequent to Date of Policy (however, this does not modify or limit the coverage provided under Covered Risk 11, 13, or 14); or
   e. resulting in loss or damage that would not have been sustained if the Insured Claimant had paid value for the Insured Mortgage.
4. Unenforceability of the lien of the Insured Mortgage because of the inability or failure of an Insured to comply with applicable doing-business laws of the state where the Land is situated.
5. Invalidity or unenforceability in whole or in part of the lien of the Insured Mortgage that arises out of the transaction evidenced by the Insured Mortgage and is based upon usury or any consumer credit protection or truth-in-lending law.
6. Any claim, by reason of the operation of federal bankruptcy, state insolvency, or similar creditors' rights laws, that the transaction creating the lien of the Insured Mortgage, is
   a. a fraudulent conveyance or fraudulent transfer, or
   b. a preferential transfer for any reason not stated in Covered Risk 13(b) of this policy.
7. Any lien on the Title for real estate taxes or assessments imposed by governmental authority and created or attaching between Date of Policy and the date of recording of the Insured Mortgage in the Public Records. This Exclusion does not modify or limit the coverage provided under Covered Risk 11(b).

The above policy form may be issued to afford either Standard Coverage or Extended Coverage. In addition to the above Exclusions from Coverage, the Exceptions from Coverage in a Standard Coverage policy will also include the following Exceptions from Coverage:

EXCEPTIONS FROM COVERAGE

This policy does not insure against loss or damage (and the Company will not pay costs, attorneys' fees or expenses) that arise by reason of:

1. (a) Taxes or assessments that are not shown as existing liens by the records of any taxing authority that levies taxes or assessments on real property or by the Public Records; (b) proceedings by a public agency that may result in taxes or assessments, or notices of such proceedings, whether or not shown by the records of such agency or by the Public Records.
2. Any facts, rights, interests, or claims that are not shown by the Public Records but that could be ascertained by an inspection of the Land or that may be asserted by persons in possession of the Land.
3. Easements, liens or encumbrances, or claims thereof, not shown by the Public Records.
4. Any encroachment, encumbrance, violation, variation, or adverse circumstance affecting the Title that would be disclosed by an accurate and complete land survey of the Land and not shown by the Public Records.
5. (a) Unpatented mining claims; (b) reservations or exceptions in patents or in Acts authorizing the issuance thereof; (c) water rights, claims or title to water, whether or not the matters excepted under (a), (b), or (c) are shown by the Public Records.
6. Any lien or right to a lien for services, labor or material not shown by the public records.

ALTA EXPANDED COVERAGE RESIDENTIAL LOAN POLICY (07-26-10)
EXCLUSIONS FROM COVERAGE

The following matters are expressly excluded from the coverage of this policy, and the Company will not pay loss or damage, costs, attorneys' fees, or expenses that arise by reason of:

1. a. Any law, ordinance, permit, or governmental regulation (including those relating to building and zoning) restricting, regulating, prohibiting, or relating to
   i. the occupancy, use, or enjoyment of the Land;
   ii. the character, dimensions, or location of any improvement erected on the Land;
   iii. the subdivision of land; or
   iv. environmental protection;

   or the effect of any violation of these laws, ordinances, or governmental regulations. This Exclusion 1(a) does not modify or limit the coverage provided under Covered Risk 5, 6, 13(c), 13(d), 14 or 16.

   b. Any governmental police power. This Exclusion 1(b) does not modify or limit the coverage provided under Covered Risk 5, 6, 13(c), 13(d), 14 or 16.
2. Rights of eminent domain. This Exclusion does not modify or limit the coverage provided under Covered Risk 7 or 8.
3. Defects, liens, encumbrances, adverse claims, or other matters

   a. created, suffered, assumed, or agreed to by the Insured Claimant;
   b. not Known to the Company, not recorded in the Public Records at Date of Policy, but Known to the Insured Claimant and not disclosed in writing to the Company by the Insured Claimant prior to the date the Insured Claimant became an Insured under this policy;
   c. resulting in no loss or damage to the Insured Claimant;
   d. attaching or created subsequent to Date of Policy (however, this does not modify or limit the coverage provided under Covered Risk 11, 16, 17, 18, 19, 20, 21, 22, 23, 24, 27 or 28); or
   e. resulting in loss or damage that would not have been sustained if the Insured Claimant had paid value for the Insured Mortgage.
4. Unenforceability of the lien of the Insured Mortgage because of the inability or failure of an Insured to comply with applicable doing-business laws of the state where the Land is situated.
5. Invalidity or unenforceability in whole or in part of the lien of the Insured Mortgage that arises out of the transaction evidenced by the Insured Mortgage and is based upon usury or any consumer credit protection or truth-in-lending law. This Exclusion does not modify or limit the coverage provided in Covered Risk 26.
6. Any claim of invalidity, unenforceability or lack of priority of the lien of the Insured Mortgage as to Advances or modifications made after the Insured has Knowledge that the vestee shown in Schedule A is no longer the owner of the estate or interest covered by this policy. This Exclusion does not modify or limit the coverage provided in Covered Risk 11.
7. Any lien on the Title for real estate taxes or assessments imposed by governmental authority and created or attaching subsequent to Date of Policy. This Exclusion does not modify or limit the coverage provided in Covered Risk 11(b) or 25.
8. The failure of the residential structure, or any portion of it, to have been constructed before, on or after Date of Policy in accordance with applicable building codes. This Exclusion does not modify or limit the coverage provided in Covered Risk 5 or 6.
9. Any claim, by reason of the operation of federal bankruptcy, state insolvency, or similar creditors' rights laws, that the transaction creating the lien of the Insured Mortgage, is
   a. a fraudulent conveyance or fraudulent transfer, or
   b. a preferential transfer for any reason not stated in Covered Risk 27(b) of this policy.

WESTLAKE SOUTH | PRE-APP PACKAGE COVER SHEET

DALY CITY, CA | KIMCO | SEPT 16, 2020

KIMCO™ REALTY

VAN METER WILLIAMS POLLACK LLP

CS

PROJECT DESCRIPTION

KIMCO SEEKS PRELIMINARY COMMENT FROM THE CITY STAFF OF DALY CITY ON A PROPOSED MIXED-USE REDEVELOPMENT TO DEMOLISH AND REPLACE THE VACANT BURLINGTON RETAIL STORE (55,000 SF) LOCATED AT 99 SOUTHGATE AVENUE (1.93-ACRE SITE) WITHIN THE WESTLAKE SHOPPING CENTER. THE NEW WESTLAKE SOUTH DEVELOPMENT WOULD BE A SEVEN-STORY, 214-UNIT MIXED-USE PROJECT WITH A FIVE-STORY RESIDENTIAL WOOD-FRAME (TYPE IIIA) SUPERSTRUCTURE ATOP A TWO-STORY ENCLOSED CONCRETE PODIUM (TYPE IA) WITH 251 PARKING SPACES AND 10,800 SF OF HIGH-QUALITY PEDESTRIAN ORIENTED RETAIL FRONTING SOUTHGATE AVENUE. AT 355,000 GSF, THE PROJECT WOULD CONTAIN A MIX OF RENTAL HOUSING INCLUDING STUDIOS, IBR, 2BR, AND 3 BR APARTMENTS (WITH 10% INCLUSIONARY UNITS SET ASIDE FOR LOW-INCOME HOUSEHOLDS ONSITE) ALONG WITH AMENITIES SUCH AS A TWO-STORY LOBBY, FULL-SERVICE PROPERTY MANAGEMENT, FITNESS CENTER, RESIDENTS' CLUB HOUSE, REMOTE WORKING SPACE, PANORAMIC SKY LOUNGE, LANDSCAPED OUTDOOR ACTIVITY SPACES, AND DOG WASH FACILITIES. RESIDENTIAL UNITS WILL OFFER PREMIUM FINISHES THROUGHOUT AND HAVE THE OPTION OF BALCONIES/PATIOS. THIS DEVELOPMENT FURTHER SUPPORTS KIMCO'S LONG-TERM DESIRE TO MAINTAIN WESTLAKE SHOPPING CENTER AS A VIBRANT SHOPPING DESTINATION THROUGH IMPROVEMENT OF EXISTING RETAIL AND OFFICE SPACES WHILE ADDING MUCH NEEDED AND COMPLEMENTARY HOUSING DIRECTLY ADJACENT. THIS PROPOSAL WOULD BE STAND ALONE AND IN ADDITION TO KIMCO'S 179-UNIT RESIDENTIAL MIXED USE PROJECT ENTITLED IN 2018 THROUGH THE ADOPTION OF ORDINANCE 1422 (PD-60A ZONING DISTRICT) AT THE NORTHEAST CORNER OF THE SHOPPING CENTER NEAR THE CORNER OF JOHN DALY BOULEVARD AND PARK PLAZA DRIVE.

PROJECT SUMMARY	
ADDRESS	99 SOUTHGATE AVE, DALY CITY, CA 94015
APN	2201570
SITE AREA	1.93 ACRE
BUILDING GROSS SF	355,580 SQ.FT.
RESIDENTIAL PARKING	251 SPACES
LAND USES	EXISTING: 55,000 SF COMMERCIAL
	PROPOSED: 10,800 SF COMMERCIAL AND 214 RESIDENTIAL UNITS WITH 10% OR 22 INCLUSIONARY UNITS FOR LOW INCOME HOUSEHOLDS (70% AMI)

PD-60A COMMERCIAL PARKING COMPLIANCE
REQUIREMENT: 3.29 PARKING PAKING SPACES PER 1,000 SQUARE FEET OF LEASABLE BUILDING AREA
CURRENT PD-60A
CURRENT TOTAL BUILDING AREA IN PD-60A PLANNED DEVELOPMENT ZONING DISTRICT: **629,880 SF**
TOTAL PARKING STALLS IN PD-60A PLANNED DEVELOPMENT ZONING DISTRICT: **2158** STALLS
CURRENT PARKING RATIO IN PD-60A: **3.43**/1000
PROPOSED AMENDMENTS TO PD-60A
PROPOSED TOTAL BUILDING AREA IN PD-60A PLANNED DEVELOPMENT ZONING DISTRICT: **585,680 SF** [629,880-55,000+10,800]
PROPOSED PARKING RATIO IN PD-60A: **3.57**/1000



VICINITY MAP

KIMCO PROPERTY

WORK LIMIT AREA

PROJECT TEAM

OWNER/ APPLICANT: KIMCO REALTY CORP.
15 SOUTHGATE AVENUE, SUITE 201,
DALY CITY, CA 94015
CONTACT: MICHAEL STRAHS
SAMUEL KNUTSON
EMAIL: MSTRAHS@KIMCOREALTY.COM
SKNUTSON@KIMCOREALTY.COM
PHONE: (650) 746-7501

ARCHITECT: VAN METER WILLIAMS POLLACK LLP.
333 BRYANT STREET, SUITE 300
SAN FRANCISCO, CA 94107
CONTACT: MICHAEL KLOEFKORN
EMAIL:MICHAEL@VMWP.COM
PHONE: (415) 974-5352 X209

CIVIL: KIMLEY-HORN AND ASSOCIATES INC.
4637 CHABOT DRIVE, SUITE 300,
PLEASANTON, CA 94588
CONTACT: MIKE MOWERY
EMAIL: MIKE.MOWERY@KIMLEY-HORN.COM
PHONE:(925) 398-4852

SHEET INDEX	
SHEET NO.	SHEET NAME
CS	PRE-APP PACKAGE COVER SHEET
A-1.1	PROJECT INFORMATION AND SHEET INDEX
A-1.2	PROJECT INFORMATION
A-2	SITE IN CONTEXT
A-3	SITE AND SURROUNDING PHOTOS
A-4	PARCEL PLAN
A-5	SITE PLAN/GROUND FLOOR PLAN
A-6	LEVEL 2 FLOOR PLAN
A-7	LEVEL 3/COURTYARD LEVEL FLOOR PLAN
A-8	LEVEL 4 FLOOR PLAN
A-9	LEVEL 5-6 TYPICAL FLOOR PLAN
A-10	LEVEL 7 FLOOR PLAN
A-11	ROOF LEVEL PLAN
A-12	ELEVATIONS
A-13	ELEVATIONS
A-14	SECTIONS
A-15	ARCHITECTURAL ELEMENTS
L-1	LEVEL 3/COURTYARD LEVEL LANDSCAPE PLAN
A-16	PERSPECTIVE VIEW
A-17	PERSPECTIVE VIEW
A-18	SUSTAINABILITY
C-1	SITE SURVEY

PLANNING INFORMATION & ZONING SUMMARY	
ZONING & PLANNING POLICY DOCUMENTS:	DALY CITY CODE (PD-60A)
ZONE	**PD-60A** (TO BE AMENDED)
LOT AREA	1.93 ACRES
RESIDENTIAL UNITS	214 UNITS TOTAL (DENSITY: 111 DU/AC)
COMMERCIAL AREA	10800 SF
DEVELOPMENT STANDARDS	PROPOSED
MAXIMUM BUILDING HEIGHT (FT)	**85 FEET (TYPE IIIA & TYPE IA)**
BUILDING SETBACKS (FT)	
FRONT (SOUTHGATE AVE)	33 FEET
SIDE (PALMCREST DR.)	18 FEET
SIDE (LAKE MERCED AVE.)	10 FEET
REAR (ALLEY)	5 FEET
VEHICULAR PARKING	PROPOSED
PARKING SPACES 8'-6" X 19'-0"	219 SPACES PROVIDED
ACCESSIBLE SPACES 9'-0"X19'-0" - PER CBC CHAPTER 11B, TABLE 11B-208.2	6 SPACES PROVIDED
FUTURE EV READY SPACES 8'-6"X19'-0" - 10% OF TOTAL PARKING SPACES PER CAL GREEN 4.106.4.2	26 SPACES PROVIDED
PARKING AISLE WIDTH	26 FEET
BICYCLE PARKING	
1 SPACE PER 2 UNITS (PER CALGREEN A4.106.9.2)	107 SPACES

RESIDENTIAL UNITS BY FLOORS

	STUDIO	1-BED	2-BED	3-BED	PARKING	TOTAL
LEVEL 1/GROUND FLOOR	-	-	-	-	124	-
LEVEL 2	-	-	-	-	127	-
LEVEL 3/COURTYARD LEVEL	4	16	20	1	-	41
LEVEL 4	4	18	16	1	-	39
LEVEL 5	6	21	17	1	-	45
LEVEL 6	6	21	17	1	-	45
LEVEL 7	6	21	17	-	-	44
TOTAL	26	97	87	4	251	214

UNIT MIX PROPOSED	12%	45%	41%	2%	-	100%

BUILDING AREAS

BUILDING AREA SUMMARY	GROSS AREA	GARAGE	RESIDENTIAL	MANAGEMENT + LEASING	LOBBY + AMENITIES	CIRCULATION + SERVICES	RETAIL	RETAIL TRASH
GROUND FLOOR	64,600	46,410	-	1,490	2,675	2,775	10,800	450
2ND FLOOR	51,290	45,820	-	1,500	1,450	2,520	-	-
3RD FLOOR	51,335	-	40,535	-	3,230	7,570	-	-
4TH FLOOR	47,195	-	37,630	-	2,000	7,565	-	-
5TH FLOOR	47,150	-	40,230	-	-	6,920	-	-
6TH FLOOR	47,150	-	40,230	-	-	6,920	-	-
7TH FLOOR	46,860	-	38,655	-	1,715	6,490	-	-
TOTAL	**355,580**	**92,230**	**197,280**	**2,990**	**11,070**	**40,760**	**10,800**	**450**



WESTLAKE SOUTH | SITE IN CONTEXT

DALY CITY, CA | KIMCO | SEPT 16, 2020

KIMCO REALTY

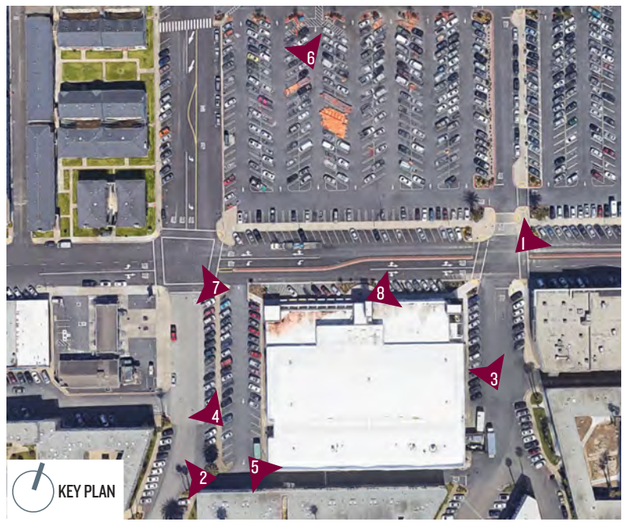
VAN METER WILLIAMS POLLACK LLP


Burlington
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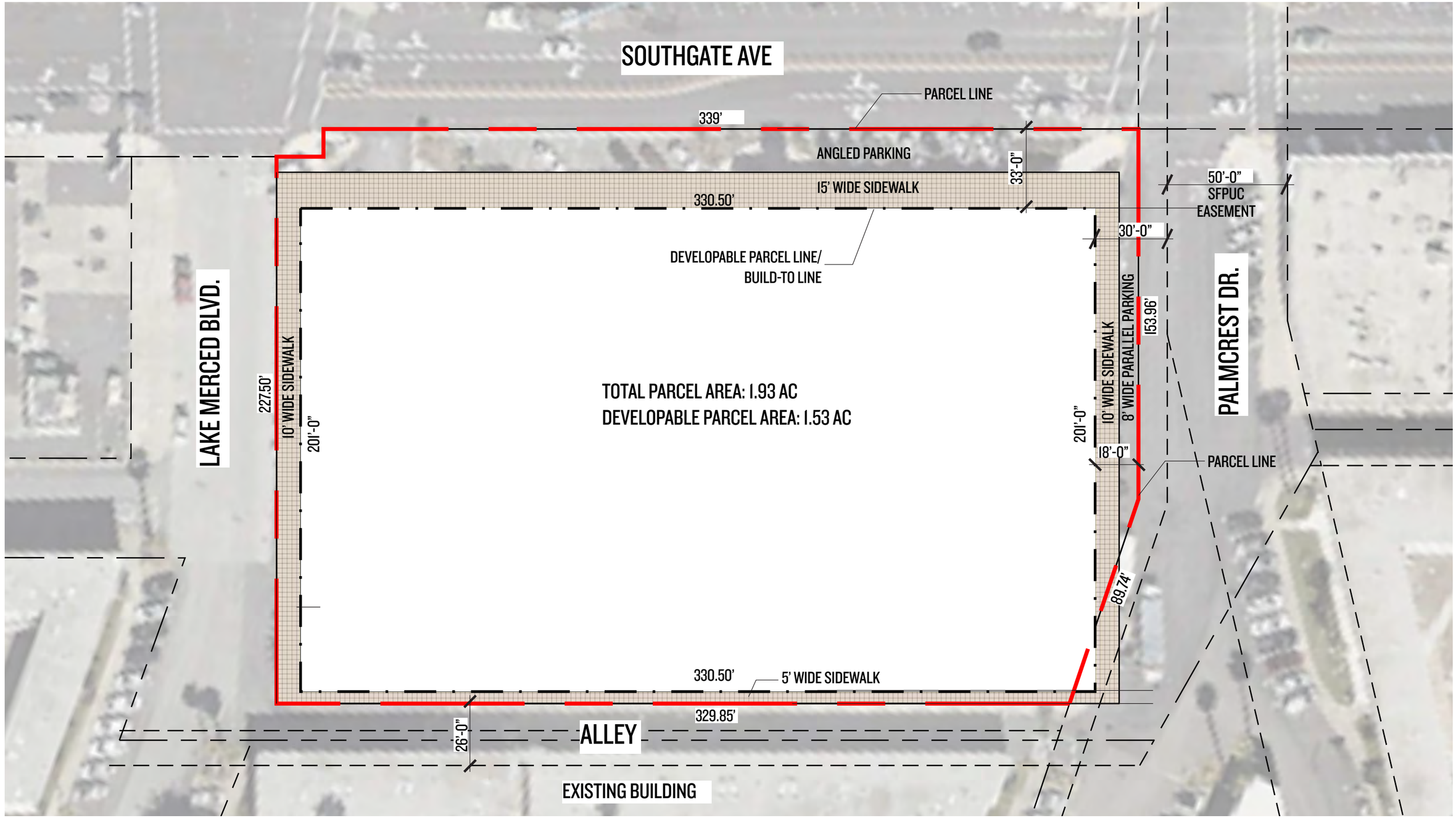

6
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KEY PLAN


6


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4


5



0 20' 40'

WESTLAKE SOUTH | PARCEL PLAN

DALY CITY, CA | KIMCO | SEPT 16, 2020

KIMCO REALTY

VAN METER WILLIAMS POLLACK LLP



0 20' 40'

WESTLAKE SOUTH | SITE PLAN / GROUND FLOOR PLAN

DALY CITY, CA | KIMCO | SEPT 16, 2020

KIMCO REALTY

VAN METER WILLIAMS POLLACK LLP

A-5



LEGEND

GARAGE AND BUILDING ENTRIES	CIRCULATION
LEASING/MANAGEMENT	AMENITY
RETAIL	STUDIO
PARKING	1BR
UTILITY	2BR
	3BR

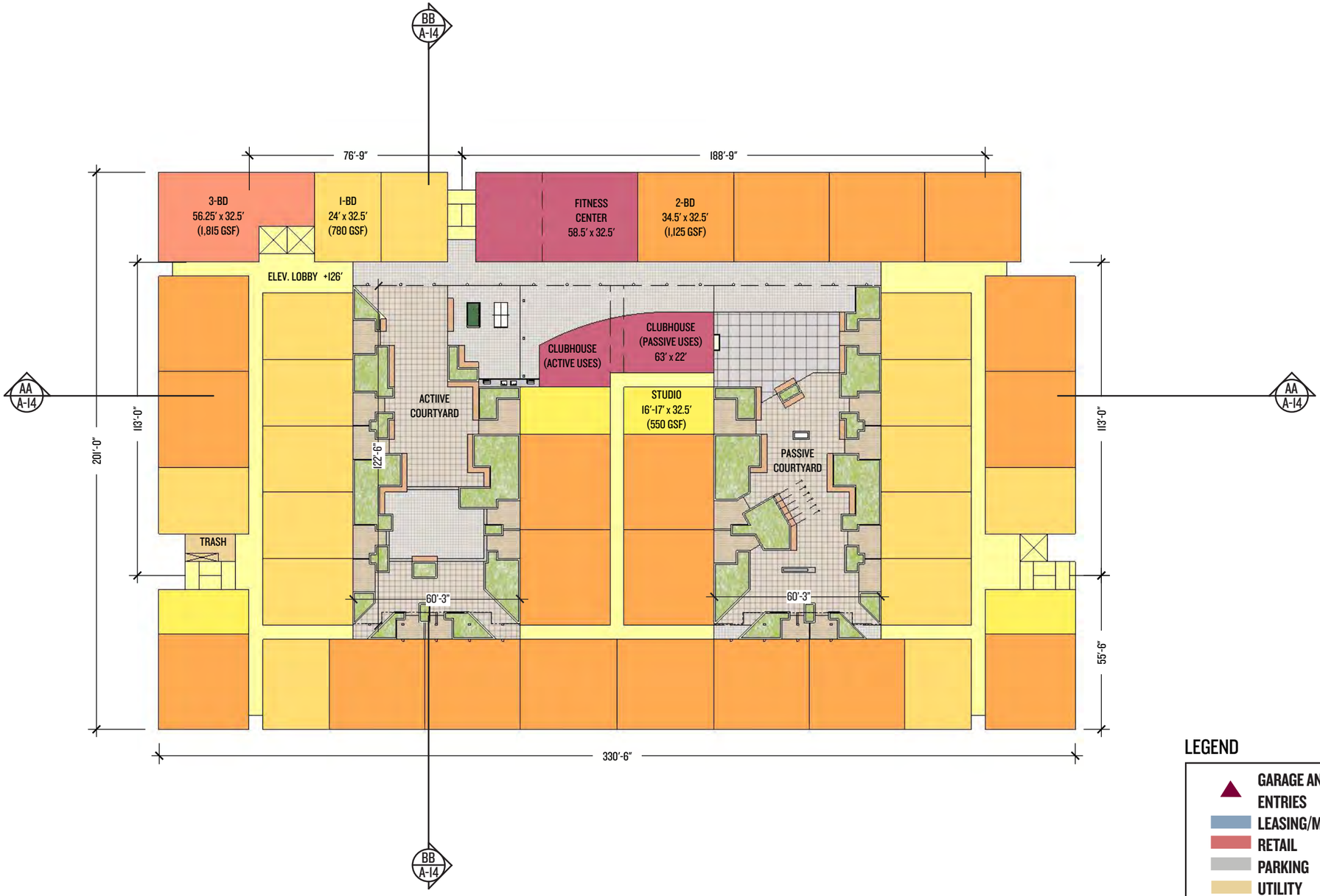
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WESTLAKE SOUTH | LEVEL 2 FLOOR PLAN

DALY CITY, CA | KIMCO | SEPT 16, 2020

KIMCO REALTY

VAN METER WILLIAMS POLLACK LLP



LEGEND

GARAGE AND BUILDING ENTRIES	CIRCULATION
LEASING/MANAGEMENT	AMENITY
RETAIL	STUDIO
PARKING	1BR
UTILITY	2BR
	3BR

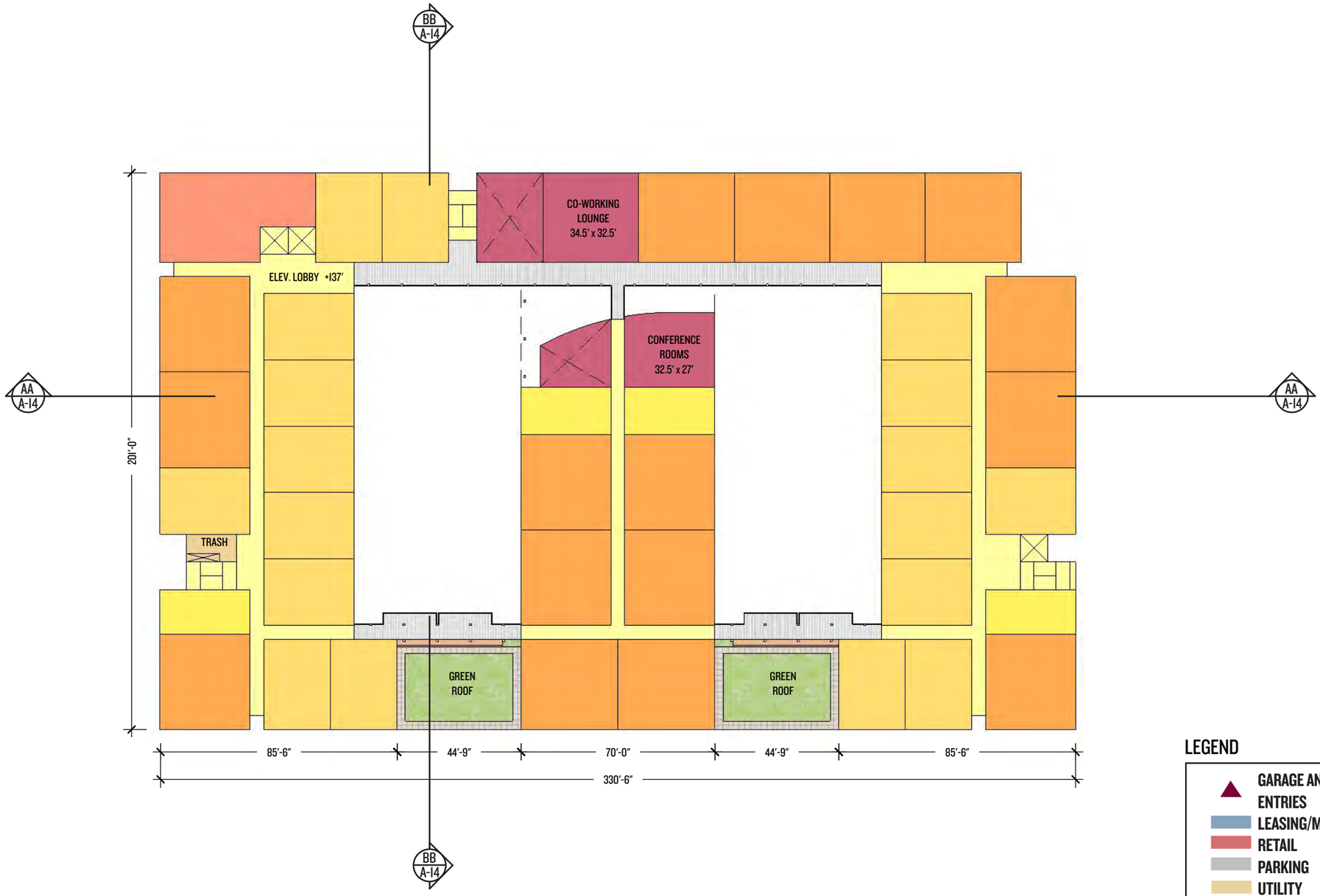
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WESTLAKE SOUTH | LEVEL 3/COURTYARD LEVEL FLOOR PLAN

DALY CITY, CA | KIMCO | SEPT 16, 2020

KIMCO™ REALTY

VAN METER WILLIAMS POLLACK LLP



LEGEND

GARAGE AND BUILDING ENTRIES	CIRCULATION
LEASING/MANAGEMENT	AMENITY
RETAIL	STUDIO
PARKING	1BR
UTILITY	2BR
	3BR

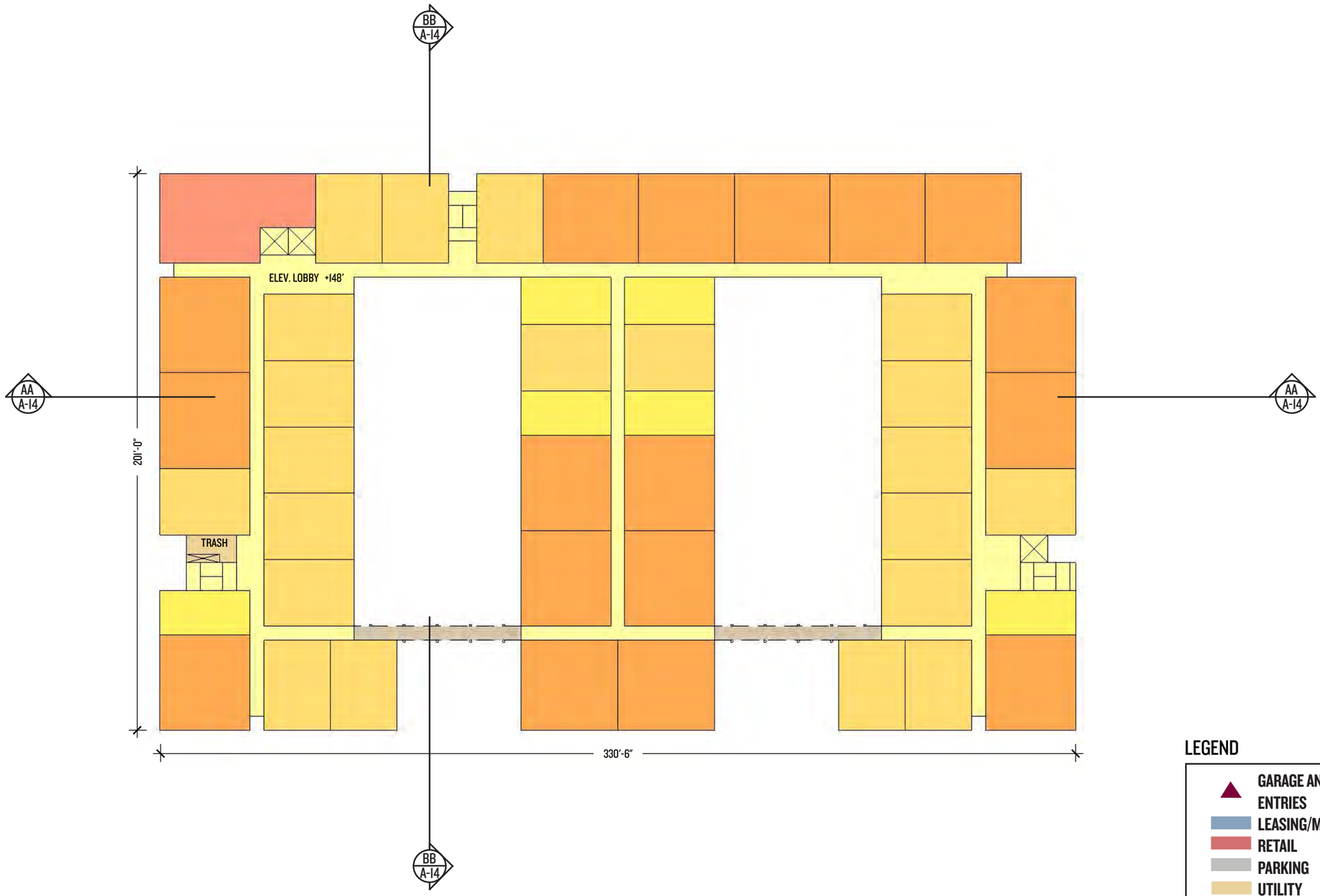
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WESTLAKE SOUTH | LEVEL 4 FLOOR PLAN

DALY CITY, CA | KIMCO | SEPT 16, 2020

KIMCO REALTY

VAN METER WILLIAMS POLLACK LLP



LEGEND

GARAGE AND BUILDING ENTRIES	CIRCULATION
LEASING/MANAGEMENT	AMENITY
RETAIL	STUDIO
PARKING	1BR
UTILITY	2BR
	3BR

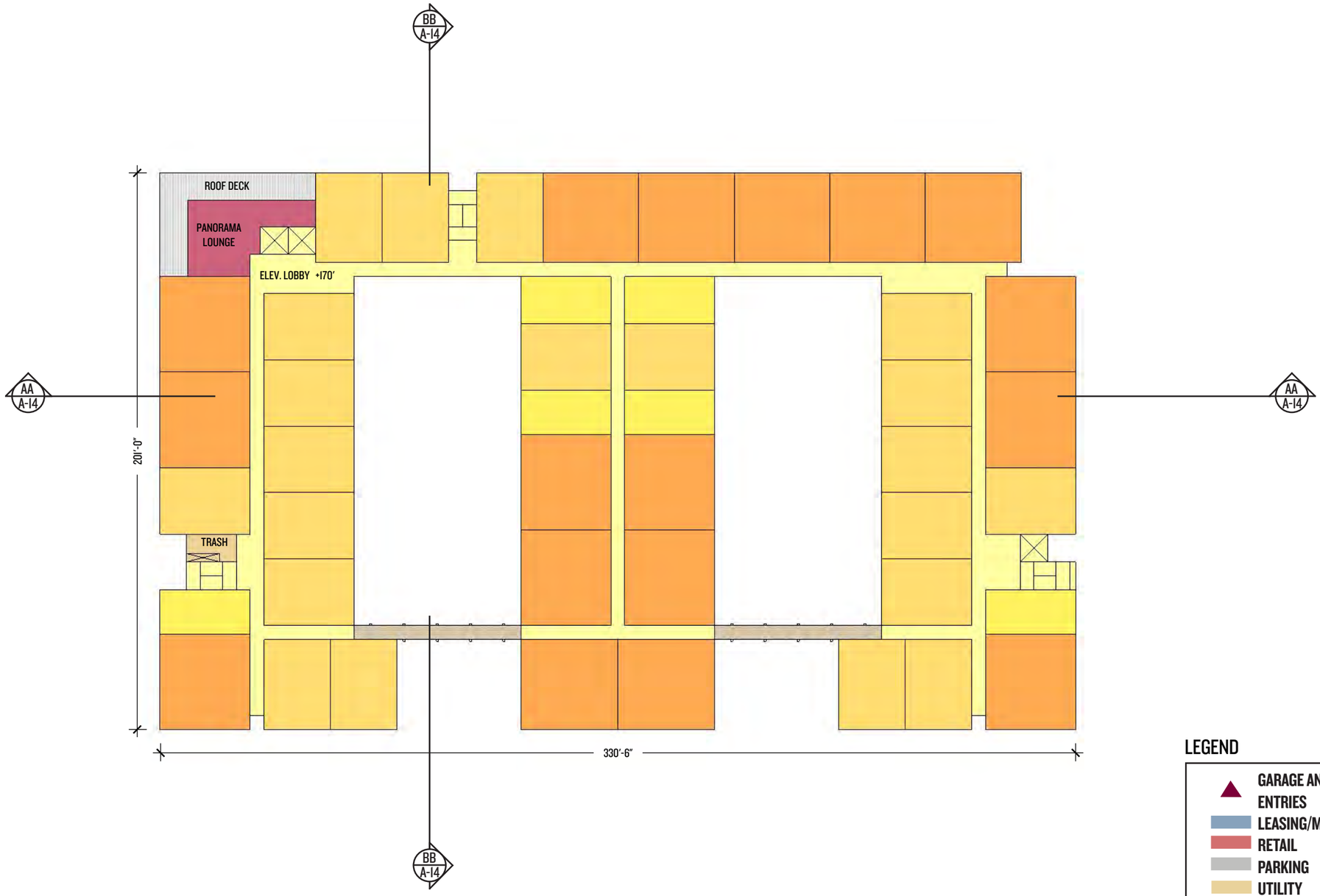
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WESTLAKE SOUTH | LEVEL 5-6 TYP. FLOOR PLAN

DALY CITY, CA | KIMCO | SEPT 16, 2020

KIMCO REALTY

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LEGEND

- GARAGE AND BUILDING ENTRIES
- LEASING/MANAGEMENT
- RETAIL
- PARKING
- UTILITY
- CIRCULATION
- AMENITY
- STUDIO
- 1BR
- 2BR
- 3BR

0 20' 40'

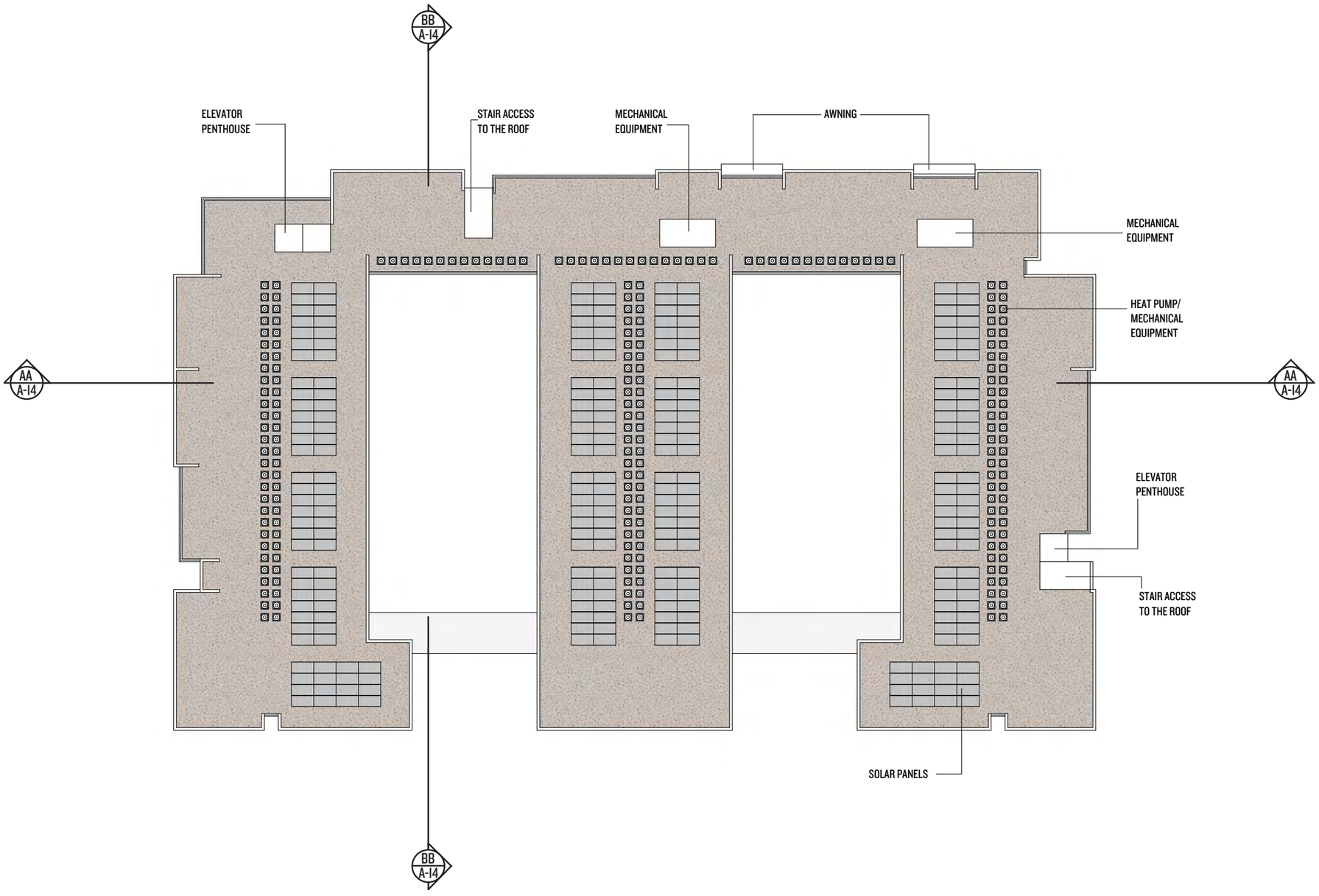
WESTLAKE SOUTH | LEVEL 7 FLOOR PLAN

DALY CITY, CA | KIMCO | SEPT 16, 2020

KIMCO™ REALTY

VAN METER WILLIAMS POLLACK LLP

A-10



0 20' 40'

WESTLAKE SOUTH | ROOF LEVEL PLAN

DALY CITY, CA | KIMCO | SEPT 16, 2020

KIMCO™ REALTY

VAN METER WILLIAMS POLLACK LLP



EAST ELEVATION AT PALMCREST DR.



NORTH ELEVATION AT SOUTHGATE AVE.

0 20' 40'

WESTLAKE SOUTH | NORTH SIDE ELEVATION (SOUTHGATE AVENUE) + EAST SIDE ELEVATION (PALMCREST DR.)

DALY CITY, CA | KIMCO | SEPT 16, 2020

KIMCO™ REALTY

VAN METER WILLIAMS POLLACK LLP



WEST ELEVATION AT LAKE MERCED BLVD.



SOUTH ELEVATION AT ALLEY

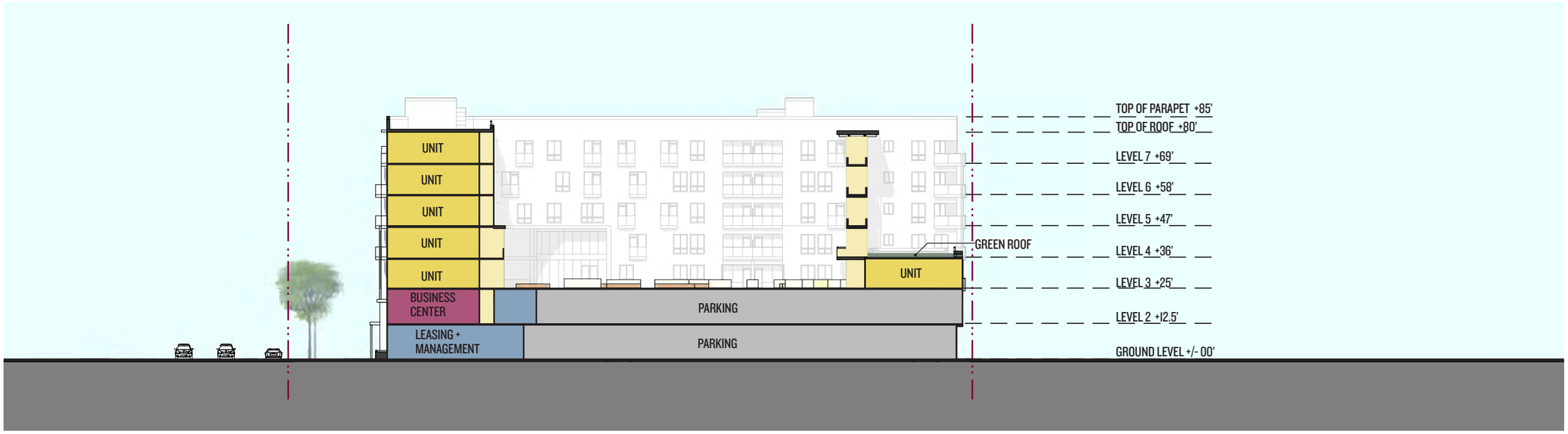
0 20' 40'

WESTLAKE SOUTH | SOUTH SIDE ELEVATION (ALLEY) + WEST SIDE ELEVATION (LAKE MERCED BLVD.)

DALY CITY, CA | KIMCO | SEPT 16, 2020

KIMCO™ REALTY

VAN METER WILLIAMS POLLACK LLP



SECTION - BB



SECTION - AA

0 20' 40'

WESTLAKE SOUTH | BUILDING SECTIONS

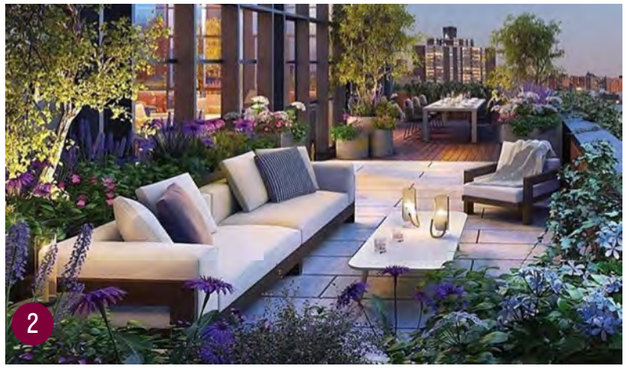
DALY CITY, CA | KIMCO | SEPT 16, 2020

KIMCO REALTY

VAN METER WILLIAMS POLLACK LLP



SPILLOVER RETAIL/OUTDOOR DINING



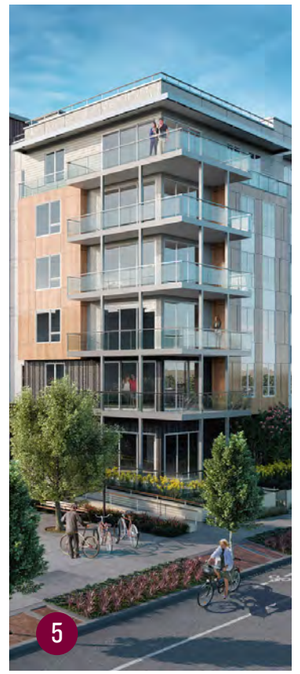
ROOF DECK



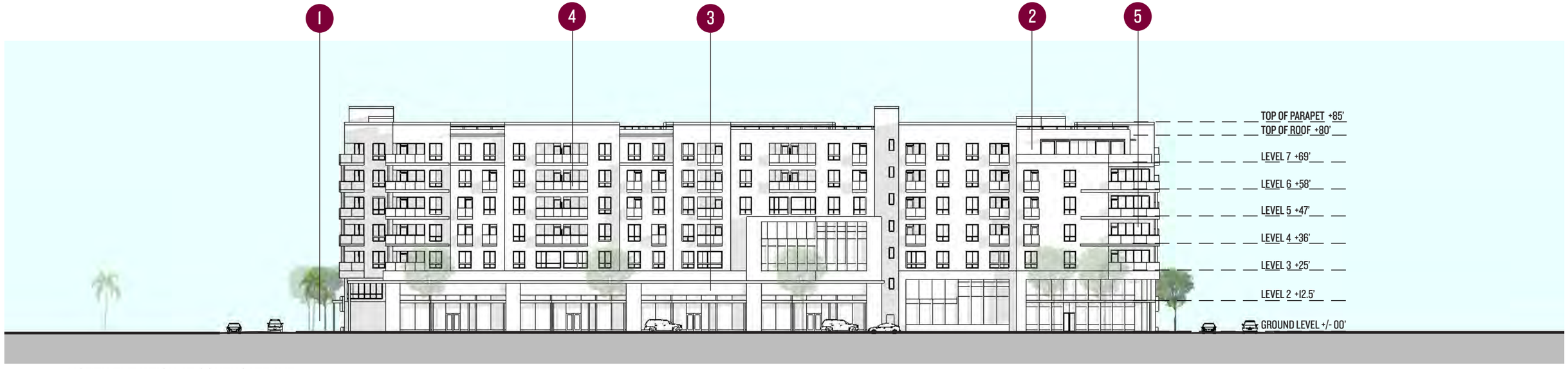
RETAIL FRONTAGE



BALCONIES



CORNER ELEMENT



NORTH ELEVATION AT SOUTHGATE AVE.

WESTLAKE SOUTH | ARCHITECTURAL ELEMENTS

DALY CITY, CA | KIMCO | SEPT 16, 2020

KIMCO REALTY

VAN METER WILLIAMS POLLACK LLP





OUTDOOR GAMES



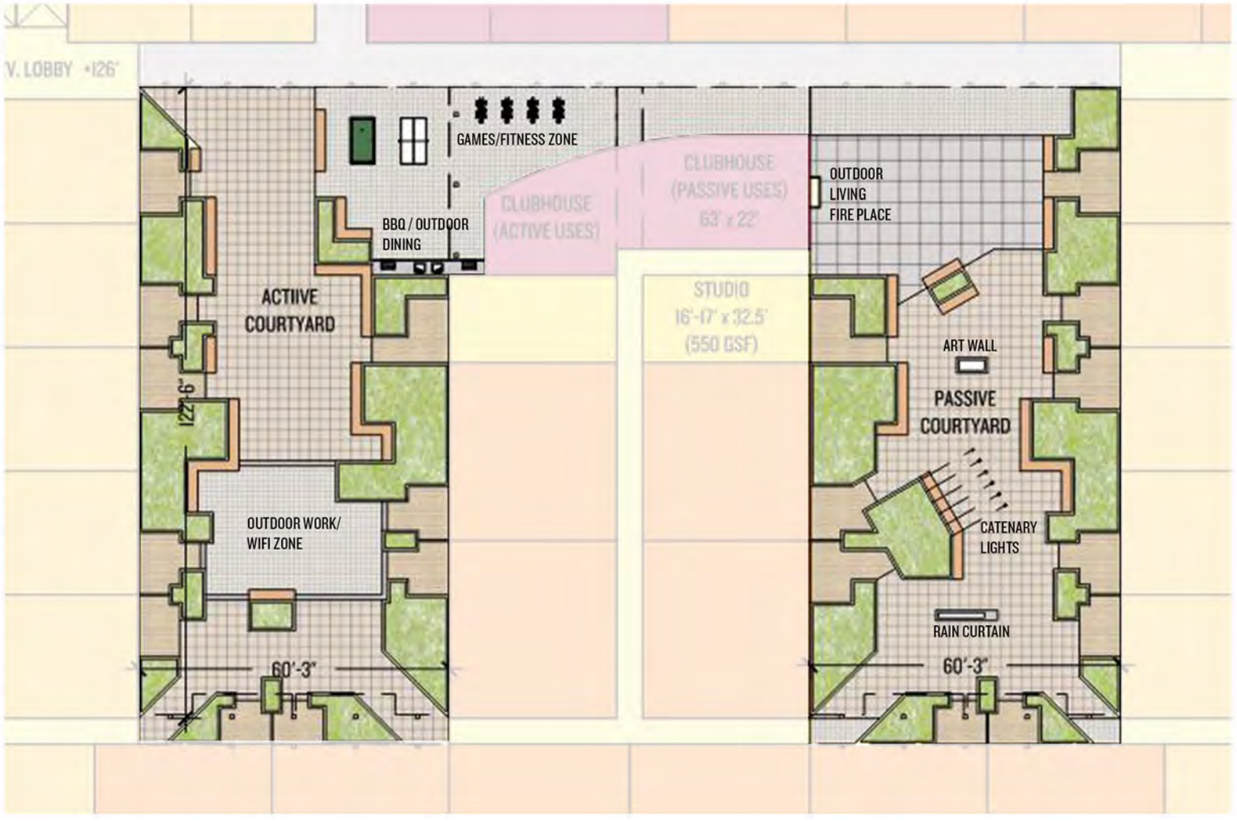


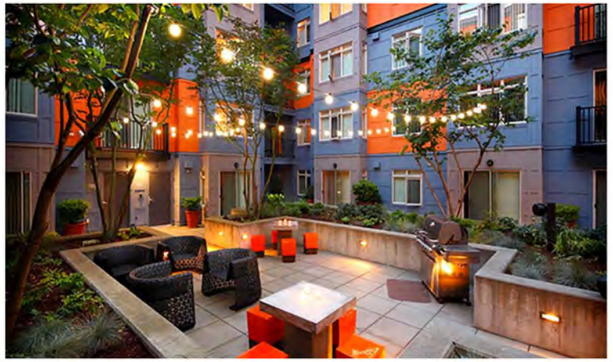


TWO WAY FIREPLACE WITH
LOUNGING SEATING



OUTDOOR WORKING





CATENARY LIGHTING



BBQ AREA AND SEATING



RAIN SCREEN

NOT TO SCALE

WESTLAKE SOUTH | LEVEL 3/COURTYARD LEVEL - LANDSCAPE PLAN

DALY CITY, CA | KIMCO | SEPT 16, 2020

KIMCO REALTY

VAN METER WILLIAMS POLLACK LLP



WESTLAKE SOUTH | PERSPECTIVE VIEW : ENTRANCE LOBBY CORNER (SOUTHGATE AVE. X LAKE MERCED BLVD.)

DALY CITY, CA | KIMCO | SEPT 16, 2020

KIMCO™ REALTY

VAN METER WILLIAMS POLLACK LLP



WESTLAKE SOUTH | PERSPECTIVE VIEW: RETAIL CORNER (SOUTHGATE AVE. X PALMCREST DR.)

DALY CITY, CA | KIMCO | SEPT 16, 2020

KIMCO™ REALTY

VAN METER WILLIAMS POLLACK LLP



EV CHARGING



ROOFDECKS AND COURTYARDS







EFFICIENT PARKING STRATEGIES + CAR SHARE/BIKE PARKING





SOCIAL AND CIVIC SPACE



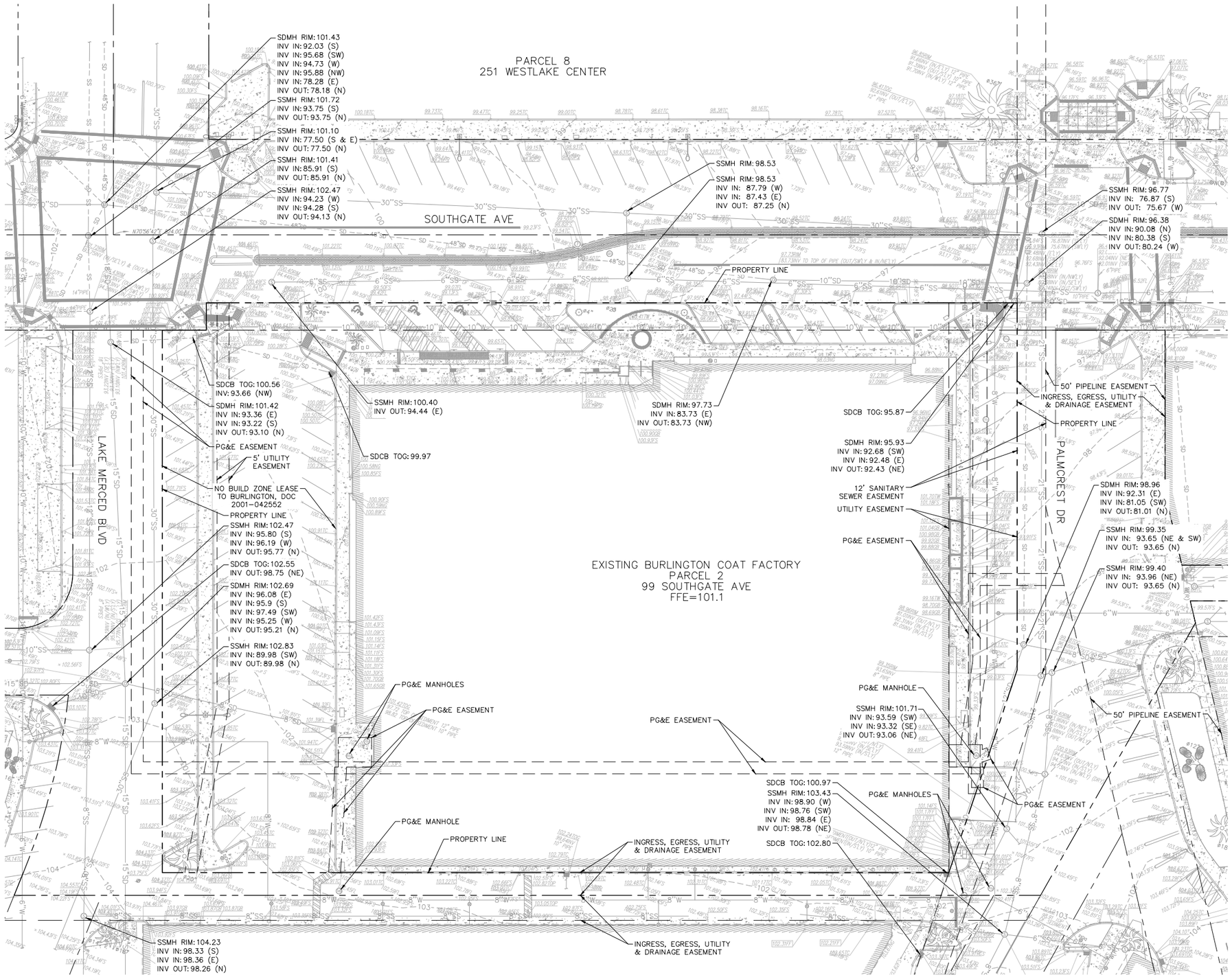
PHOTOVOLTAIC PANELS



GREEN STREETS



This document, together with the concepts and designs presented herein, as an instrument of service, is intended only for the specific purpose and client for which it was prepared. Reuse of and improper reliance on this document without written authorization and adaptation by Kimley-Horn and Associates, Inc. shall be without liability to Kimley-Horn and Associates, Inc.



No.	REVISIONS	DATE	BY

Kimley»Horn
4637 CHABOT DRIVE, SUITE 300, PLEASANTON, CA 94588
PHONE: 925-398-4840 FAX: 925-398-4849
WWW.KIMLEY-HORN.COM

KHA PROJECT	197058004
DATE	SEPT 16, 2020
SCALE	AS SHOWN
DESIGNED BY	
DRAWN BY	SAL
CHECKED BY	AH

KIMCO - WESTLAKE
99 SOUTHGATE AVE
DALY CITY, CA 94015

LICENSED PROFESSIONAL

DATE:

EXISTING CONDITIONS PLAN

SHEET NUMBER
C-1

March 10, 2017

PHASE I ENVIRONMENTAL SITE ASSESSMENT

Westlake Center Work Area
Daly City, California 94015

Prepared for

Kimco Westlake L.P.

ROUX ASSOCIATES, INC.

Environmental Consulting & Management

ROUX *555 12th Street, Suite 1725, Oakland, California*

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EXECUTIVE SUMMARY

Roux Associates, Inc. (Roux Associates) performed a Phase I Environmental Site Assessment (ESA) of the Westlake Center "Work Area", California ("Property"). The location of the Property is shown on Figure 1. This Phase I ESA was performed on behalf of Kimco Westlake L.P.

The Property is located in the northeastern corner of the Westlake Shopping Center bounded to the north by John Daly Boulevard and to the east by Park Plaza Drive. The southern and western extents of the Property are defined by the Work Area displayed in Figure 2.

The current Property is occupied by two retail/commercial use buildings (both constructed in 1951, identified herein as Building M and Building L) and an asphalt paved parking lot. Details as follows:

- Building M is a 22,168-square foot, single-story retail use building with tenants including Nations Giant Hamburgers, Chipotle Mexican Grill, Supercuts, Redwing Boots, UPS Store, Bank of the West, T-Mobile, Broaster Chicken, Accuquest, and Elite Hair Salon.

- Building L is a 27,659-square foot, three-story retail and commercial building. The building consists of street level retail with office space (mostly medical and dental) on the upper floors. Tenants include: Tani's Kitchen, Magic Touch, Pulido's Tailor, Westlake Art Center, Westlake Shoe Repair, Structure Hair Design, Cigarettes Are Cheaper, Spring Wireless, and Westlake Center Medical-Dental Building.

This Phase I ESA was performed to identify recognized environmental conditions (RECs) at the Property, indicating past, current, or material threats of the release of hazardous materials or petroleum hydrocarbons to the buildings, soil, groundwater, or surface water at the Property. The Phase I ESA was conducted by investigating past Property uses, reviewing the results of a search of environmental databases, reviewing records at relevant government agencies, and performing a reconnaissance of the Property and surrounding area.

Based on the data reviewed and Roux Associates' observations and understanding of the Property's use and conditions, one non-action REC was identified at the Property:

1. Available records indicate that a former drycleaner was located at 247 Westlake Center (formerly 330 South Mayfair Avenue before street reconfiguration). Subsurface investigations were conducted between 2002 and 2011 under the oversight of the San Mateo County Environmental Health Department (SMCEHD). The results indicated the soil vapor beneath Building L was impacted with tetrachloroethene (PCE) with PCE concentrations exceeding commercial Environmental Screening Limits (ESLs). A soil vapor extraction (SVE) system was installed and operated between June 2014 and April

2016. The SVE system is currently shutdown and rebound testing will be completed in March 2017. Roux Associates considers this listing to be a non-action REC because the source of the PCE has been addressed.

There were no data gaps identified as part of the site reconnaissance. Based on the buildings' age, asbestos containing materials (ACM) and lead based pain (LBP) are likely to be present in building materials; however, identification of these issues is out of scope for this Phase 1 ESA.

1.0 INTRODUCTION

At the request of Kimco Westlake L.P. (Client), Roux Associates, Inc. (Roux Associates) performed a Phase I Environmental Site Assessment (Phase I ESA) of Westlake Shopping Center "Work Area" in Daly City, California ("Property"). The location of the Property is shown in Figure 1. The Phase I ESA was conducted in accordance with the scope of work presented in Roux Associates' proposal dated February 2, 2017, in general accordance with the ASTM International Standard Practice E1527-13 (Standard Practice for Environmental Site Assessments), and was consistent with the United States Environmental Protection Agency (USEPA) Standards and Practices for All Appropriate Inquiries (AAI) Rule (40 CFR Part 312, Standards and Practices for All Appropriate Inquiries; Final Rule[1]). The preamble for the AAI Rule refers ASTM E1527-05 and states:

> *In today's final rule, EPA is referencing the standards and practices developed by ASTM International and known as Standard E1527-05 (entitled "Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process") and recognizing the E1527-05 standard as consistent with today's final rule. The Agency determined that this voluntary consensus standard is consistent with today's final rule and is compliant with the statutory criteria for all appropriate inquiries. Persons conducting all appropriate inquiries may use the procedures included in the ASTM E1527-05 standard to comply with today's final rule.*[2]

This AAI Rule was subsequently amended in 2013, as indicated in the following "Background":

> *With today's action, EPA is establishing that parties seeking liability relief under CERCLA's landowner liability protections, as well as recipients of brownfields grants for conducting site assessments, will be considered to have met the standards and practices for all appropriate inquiries, as set forth in the Brownfields Amendments to CERCLA and 40 CFR Part 312, if such parties follow the procedures provided in the ASTM E1527-13 "Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process." EPA made this determination based upon the Agency's finding that the ASTM E1527-13 standard is compliant with the All Appropriate Inquiries Rule. Therefore, parties conducting all appropriate inquiries may use the procedures in the newly issued ASTM E1527-13 standard when conducting all appropriate inquiries.*[3]

---

[1] Final Rule and information available at www.epa.gov/swerosps/bf/regneg.htm#final_rule, and https://federalregister.gov/a/2013-31112.
[2] Federal Register: November 1, 2005 (Volume 70, Number 210), page 66081.
[3] Federal Register: December 30, 2013 (Volume 78, Number 250).

The purpose of the Phase I ESA was to identify, to the extent feasible, Recognized Environmental Conditions (RECs) in connection with the Property. ASTM Standard Practice E1527-13 defines RECs as:

> *…the presence or likely presence of any hazardous substances or petroleum products in, on, or at a property: (1) due to any release to the environment; (2) under conditions indicative of a release to the environment; or (3) under conditions that pose a material threat of a future release to the environment. De minimis conditions are not recognized environmental conditions.*

ASTM Standard Practice E1527-13 provides that identified RECs can be evaluated and classified into Controlled Recognized Environmental Conditions (CRECs) or Historical Recognized Environmental Conditions (HRECs) based on the following definitions. A CREC is defined as:

> *…a recognized environmental condition resulting from a past release of hazardous substances or petroleum products that has been addressed to the satisfaction of the applicable regulatory authority (for example, as evidenced by the issuance of a no further action letter or equivalent, or meeting risk-based criteria established by regulatory authority), with hazardous substances or petroleum products allowed to remain in place subject to the implementation of required controls (for example, property use restrictions, activity and use limitations, institutional controls, or engineering controls).*

A HREC is defined as:

> *…a past release of any hazardous substances or petroleum products that has occurred in connection with the property and has been addressed to the satisfaction of the applicable regulatory authority or meeting unrestricted use criteria established by a regulatory authority, without subjecting the property to any required controls (for example, property use restrictions, activity and use limitations, institutional controls, or engineering controls).*

In order to assess the potential for RECs associated with the Property, Roux Associates utilized a variety of information sources to perform the Phase I ESA, including a radial information search from federal, state, and local regulatory agency databases; Freedom of Information Act (FOIA)/public records request responses from federal, state, and local regulatory agencies; an interview with the Property owner; on-site walk through of the Property; and readily available information from the following sources: historical aerial photographs, historical topographic maps,

historical Sanborn fire insurance maps, and city directories. The historical research and interviews were conducted in order to develop an understanding of the following:

- Current and past uses of the Property;
- Current and past uses of hazardous substances and/or petroleum at the Property, if any;
- Waste management and disposal practices that might have potentially caused releases or threatened releases of hazardous substances and/or petroleum products at the Property;
- Current and past corrective actions and response activities undertaken to address past and ongoing releases of hazardous substances and/or petroleum products at the Property, if any;
- The existence of any engineering and/or institutional controls recorded for the Property; and
- Current and past uses of adjoining properties that could have resulted in releases or threatened releases of hazardous substances and/or petroleum products to the Property.

Roux Associates' Principal Engineer Angela Liang Cutting, Ph.D., P.E., Principal Geologist, Richard Maxwell, and Staff Geologist Gabe Matson served as the Environmental Professionals who conducted the Phase I ESA. Ms. Cutting possesses sufficient specific education, training, and experience to exercise professional judgment to develop opinions and conclusions regarding conditions indicative of releases or threatened releases, as defined in 40 CFR §312.1(c) on, at, in, or to a Property, sufficient to meet the objectives and performance factors in 40 CFR §312.20(e) and (f).

2.0 METHODS OF INVESTIGATION

The methods of investigation used to conduct this Phase I ESA are outlined in the following sections.

2.1 General

The activities performed in conjunction with the Phase I ESA of the Property include:

- Review of federal, state, and local environmental regulatory agency databases provided by Environmental Data Resources, Inc. of Milford, Connecticut (EDR), indicating locations of environmental concern within specified radii from the Site (Appendix A);
- Submission of FOIA requests/public requests and inquiries to federal, state, and local regulatory agencies (Appendix B);
- Reconnaissance of the Property and surrounding area; and
- Questionnaire with key Property manager (Appendix C).

2.2 Review of Readily Available Information

The resources compiled and reviewed by Roux Associates to date include the following:

- EDR Radius Map with GeoCheck, dated December 19, 2016 (Appendix A);
- Public records from the agencies listed below (Appendix B);

Agency	Status
North County Fire Authority	Response received February 16, 2017. Documents were reviewed in person and described in Section 5.1.
San Mateo County Environmental Health Department	Response received February 17, 2017. Files were available for 247 & 213 Westlake Center. Documents are described in Section 5.1.
San Francisco Bay Area Regional Water Quality Control Board, including online GeoTracker files	Response received February 21, 2017; no additional records were available for review besides what is available on GeoTracker.
Department of Toxic Substances Control (DTSC)	Responses received February 17, 2017; no records were available for review.

- Aerial photographs dated 1943, 1946, 1956, 1963, 1968, 1974, 1982, 1993, 1998, 2005, 2009, 2010 and 2012 (Appendix D);
- United States Geological Survey (USGS) Historical Topographic Maps, San Mateo Quadrangle, dated 1896, 1899, 1915, 1939, (Appendix E);

- USGS Historical Topographic Maps, San Francisco South Quadrangle, dated 1947, 1950, 1956, 1968, 1973, 1980, 1995, 1996, and 2012 (Appendix E);
- USGS Historical Topographic Maps, San Francisco OE W Quadrangle, dated 2012 (Appendix E);
- Certified Sanborn Map Report, Dated February 12, 2017 (Appendix F); and
- EDR City Directory Abstract, dated February 14, 2017 (Appendix G).

2.3 Property and Surrounding Area Reconnaissance

Pursuant to ASTM Standard Practice E1527-13, Roux Associates conducted a reconnaissance of the Property and surrounding area on February 16, 2017, to identify, investigate, and assess potential RECs and other potential environmental concerns. The reconnaissance included observation of the Property, including all structures, buildings, and surrounding areas to determine the current use and condition of the Property, indications of past uses of the Property, and current uses of adjoining properties and the surrounding area. During the reconnaissance, Roux Associates placed particular emphasis on identifying the following features, if present, in accordance with ASTM E1527-13:

- Hazardous substances and petroleum products in connection with identified uses;
- Storage tanks;
- Odors;
- Pools of liquid;
- Drums;
- Hazardous substances and petroleum products containers;
- Unidentified substance containers;
- Polychlorinated biphenyls (PCBs);
- Heating and cooling systems;
- Stains or corrosion;
- Drains and sumps;
- Pits, ponds, or lagoons;
- Stained soil or pavement;
- Stressed vegetation;
- Solid waste;

- Waste water;
- Wells; and
- Septic systems.

In addition, observation of the general topographic setting of the Property was made, and inquiry was made into the source of potable water for the Property and other utilities, as presented in Section 6. Roux Associates did not conduct a visual inspection for asbestos containing materials (ACM) or lead based paints (LBP) in the building(s) at the Property because this environmental area is considered "out-of-scope" under ASTM E1527-13. Based on the ages of the buildings, it is likely that ACM and LBP are present in building materials. Photographs from the reconnaissance are presented in Appendix H.

2.4 Interview with Site Manager

On February 16, 2017, in conjunction with the site reconnaissance, Roux Associates Principal Geologist Richard Maxwell and Staff Geologist Gabe Matson interviewed Ms. Maria Teos of Kimco, the Property Manager. During the interview, Ms. Teos described the current and historical use and conditions of the Property and surrounding area and answered questions regarding observations made by Roux Associates during the reconnaissance.

2.5 Reviewed Documents

Roux Associates personnel reviewed documents provided by the Client, through FOIA/public records requests, and San Francisco Bay Area Regional Water Quality Control Board (RWQCB).

FOIA/Public Record Requested Documents (Appendix B)

The following documents were supplied by the San Mateo County Environmental Health Department (SMCEHD) for the addresses listed:

- Chipotle Mexican Grill, 213 Westlake Center: Chipotle Mexican Grill is registered with the Hazardous Materials Business Plan (HMBP) program through the SMCEHD. Documents include registration forms, inspection forms, corrective action forms, and correspondence related to the HMBP program.

- Former Westlake French Cleaners, 247 Westlake Center: The SMCEHD oversees environmental investigation and ongoing remediation at the site of the former drycleaners since 2002. Documents include fiscal paperwork, correspondence between environmental consultants and the SMCEHD, and reports provided to the SMCEHD

Roux Associates reviewed the documents and included those that are referenced herein.

RWQCB GeoTracker Documents (Appendix I)

The RWQCB maintains the environmental database GeoTracker which includes sites within cleanup programs. The Property's former Westlake French Cleaners is listed in this database. GeoTracker gives access to environmental reports including: subsurface investigation work plans/reports, soil vapor extraction work plans/reports, correspondence between the SMCEHD and the Client's environmental consultants, and regulatory letters from the SMCEHD to the Client. Only reports referenced herein are included as attachments. All available documents may be accessed through GeoTracker's website[4]

Client Provided Documents (Appendix J)

The Client provided environmental related documents concerning the Property's former Westlake French Cleaners. Documents include previously conducted Phase I ESAs, subsurface investigation work plans/reports, soil vapor extraction work plans/reports. Roux Associates reviewed the documents and included those that are referenced herein.

[4] https://geotracker.waterboards.ca.gov/profile_report.asp?global_id=SL0608106505

3.0 PROPERTY DESCRIPTION

Descriptions of the Property and surrounding properties are included in the following sections. Figure 1 presents the location of the Property in the general context of the City of Daly City, California.

3.1 Property Location and Description

The Property is located in the northeastern corner of the Westlake Shopping Center bounded to the north by John Daly Boulevard and to the east by Park Plaza Drive. The southern and western extents of the Property are defined by the Work Area displayed in Figure 2.

Currently, the Property is occupied by two retail/commercial use buildings (both constructed in 1951, identified herein as Building M and Building L) and an asphalt paved parking lot. Details as follows:

- Building M is a 22,168-square foot, single-story retail use building. Tenants include Nations Giant Hamburgers, Chipotle Mexican Grill, Supercuts, Redwing Boots, UPS Store, Bank of the West, T-Mobile, Broaster Chicken, Accuquest, and Elite Hair Salon.

- Building L is a 27,659-square foot, three-story retail and commercial building. The building consists of street level retail with office space (mostly medical and dental) on the upper floors. Tenants include: Tani's Kitchen, Magic Touch, Pulido's Tailor, Westlake Art Center, Westlake Shoe Repair, Structure Hair Design, Cigarettes Are Cheaper, Spring Wireless, and Westlake Center Medical-Dental Building. There is an elevator within Building L to provide access to upper levels. The floor of the elevator pit is stained; however, without cracking on the slab, this is not considered a REC.

- Passageway: A covered passageway sits between Building M and Building L. A soil vapor extraction (SVE) system is located in the passage way, which is used to address soil vapor impacts from a former dry cleaner at the Property

There is an elevator in Building L that provides access to the upper floors. The elevator pit was observed along with the buildings and surrounding area during the site reconnaissance. The findings of the site reconnaissance are summarized in Section 6.0.

3.2 Current Surrounding Property Usage

Daly City, California is located on the San Francisco Peninsula, approximately 10 miles south of San Francisco. The Property is located at the corner of John Daly Boulevard and Park Plaza Drive. Surrounding properties include retail, commercial, food service, and residential uses.

Table 1. Surrounding Property Uses

North	John Daly Boulevard, beyond which are residential and commercial use buildings, a sports field and the Daly City Water & Wastewater Facility.
South	Retail use buildings associated with the Westlake Shopping Center
East	Park Plaza Drive, beyond which are multi-unit residential use buildings
West	Retail use buildings associated with the Westlake Shopping Center

3.3 Topographic and Hydrogeologic Setting

The historical topographic maps place the Property at roughly 100 feet above mean sea level (MSL), which is confirmed by the EDR Radius Map Report (Appendix A). For the surrounding area, the topographic gradient is to the north towards Lake Merced (Appendix A; Appendix E). Previous investigation completed by Treadwell & Rollo as part of a Sub-slab Groundwater Sampling effort for the Westlake French Cleaners located at the Property determined that the Property is underlain by coarse-grained silty sand, with groundwater at a depth of approximately 78 feet below ground surface (bgs) (Appendix I). Groundwater flow is inferred to be to the northeast based on monitoring well information within a mile of the Site (Appendix I).

4.0 PROPERTY HISTORY

The land-use history of the Property was developed by searching aerial photos, city directories, historical topographic maps, and Sanborn maps. Aerial photographs dated 1943, 1946, 1956, 1963, 1968, 1974, 1982, 1993, 1998, 2005, 2009, 2010 and 2012 were reviewed. Roux Associates also reviewed historical city directories as part of this ESA. Historical Sanborn Maps date 1960 and 1969 were also reviewed. Historical research documentation is provided in Appendices D through G. Based on the available sources, the following chronology of the Property was developed (Table 2).

Table 2. Property History

Source	Year	Status
Aerial Photo	1943	The 1943 aerial photo shows the Property and surrounding area to be rural land. Alemany Boulevard exits to the northeast of the Property
Aerial Photo	1946	The 1946 aerial photo shows no change in land use at the Property or surrounding area.
Aerial Photo	1956	The 1956 aerial photo shows completed development of a shopping center at the Property, which includes two buildings (Buildings M & L). The surrounding Westlake Shopping Center is also developed, but not identical to its 2017 extent. There is a parking lot to the southeast of the property and Park Plaza Drive sits to the northeast. The area surrounding the Westlake Shopping Center is occupied to by residences, as well as a sports field to the northwest across Alemany Boulevard.
Sanborn Map	1960	According to the 1960 Sanborn Map, the Property was used as a shopping center, which includes a post office and furniture store.
Aerial Photo	1963	The 1963 aerial photo shows no change in land use at the Property; however additional buildings were added in the Westlake Shopping Center outside the Property boundary to the southwest.
Aerial Photo	1968	The 1968 aerial photo shows no change in land use at the Property or surrounding areas.
Sanborn Map	1969	According to the 1969 Sanborn Map, the Property was used as a shopping center, which includes a paint store, a library, and furniture store.
City Directory	1970	According to the 1970 city directory, the Property was occupied by retail tenants including: Westlake French, Westlake Paint & Wallpaper, Kelly's Shoe Service, The San Mateo Times, Westlake Barbershop, Westlake Medical Pharmacy, etc.

Source	Year	Status
Aerial Photo	1974	The 1974 aerial photo shows no change in land use at the Property or surrounding area.
City Directory	1980	According to the 1980 city directory, the Property was occupied by retail tenants including: Westlake French Cleaners, Park Plaza Berber, Westlake Medical Pharmacy, Westlake Paint & Wallpaper, Westlake Laundry, etc.
Aerial Photo	1982	The 1982 aerial photo shows no change in land use at the Property or surrounding area.
City Directory	1992	According to the 1992 city directory, the Property was occupied by retail tenants including: Westlake Drapery Cleaner (listed at same address as Westlake French Cleaners), Moto Photo, Danco Real Estate, Westlake Shoe Repair, medical/dental offices, etc.
Aerial Photo	1993	The 1993 aerial photo shows no change in land use at the Property.
Aerial Photo	1998	The 1998 aerial photo shows no change in land use at the Property or surrounding area.
City Directory	2003	According to the 2003 city directory, the Property was occupied by retail tenants including: Westlake French Cleaners, Nations Giant Hamburgers, Danco Real Estate, Hong Kong Designer Hair & Nail, Tanis Kitchen, medical/dental offices, etc.
Aerial Photo	2005	The 2005 aerial photo the development of S Mayfair Avenue into a parking lot along the northwestern boundary of the Property.
Aerial Photo	2009	The 2009 aerial photo shows no change in land use at the Property; however, the adjacent building to the southwest was replaced by a parking lot and the parking lot to the southeast was developed into an additional shopping center building.
City Directory	2008	According to the 2008 city directory, the Property was occupied by retail tenants including: Radioshack, Bank of the West, Elite Hair Salon, medical/dental offices, Baskin Robins, etc.
Aerial Photo	2010	The 2010 aerial photo shows no change in land use at the Property.
Aerial Photo	2012	The 2012 aerial photo shows no change in land use at the Property or surrounding area.
Historical Topo Map	2012	The 2012 historical topo map shows that former Alemany Boulevard is now called John Daly Boulevard.
City Directory	2013	According to the 2013 city directory, the Property was occupied by retail tenants including: Elite Hair Salon, Tanis Kitchen, Pulidos Tailor, Westlake Art & Framing Center, Cigarettes Are Cheaper, medical/dental offices, Chipotle Mexican Grill, T Mobile, Bank of the West, etc.

5.0 RECORDS REVIEW

Roux Associates used a computerized environmental database and radius map report prepared by EDR to conduct a government records database search of sites of potential environmental concern within a maximum of one mile radius of the Property. Appendix A contains a complete copy of the EDR Radius Map Report with GeoCheck. Tables 3 and 4 show the search results for all the pertinent databases that indicated potential environmental concerns. A description of the databases can be found in the EDR Report (Appendix A). There were no Federal National Priorities List (NPL) facilities located within a mile of the Property.

There are differences between addresses provided in the EDR Report and addresses found at the Property during the site reconnaissance. The addresses found at the Property are assumed to be correct, and a given Property listing from EDR will be reassigned a corrected address based on site reconnaissance.

Table 3. Properties of Potential Environmental Concern

Database	Target Property	<1/8 mile	1/8-1/4 mile	1/4-1/2 mile	1/2-1 mile	>1 mile	Total
NPL	0	0	0	0	0	NR	**0**
RCRA-SQG	0	3	1	NR	NR	NR	**1**
RCRA-CESQG	0	1	0	NR	NR	NR	**1**
ENVIROSTOR	0	0	0	0	2	NR	**2**
LUST	0	2	4	4	NR	NR	**10**
SLIC	0	1	0	1	NR	NR	**2**
UST	0	0	1	NR	NR	NR	**1**
AST	0	1	1	NR	NR	NR	**2**
SWRCY	0	1	0	0	NR	NR	**1**
SWEEPS UST	0	1	3	NR	NR	NR	**4**
HIST UST	0	0	6	NR	NR	NR	**6**
CA FID UST	0	1	3	NR	NR	NR	**4**
FUDS	0	0	0	0	1	NR	**1**
San Mateo Co. BL	0	16	6	NR	NR	NR	**22**

Database	Target Property	<1/8 mile	1/8-1/4 mile	1/4-1/2 mile	1/2-1 mile	>1 mile	Total
DRYCLEANERS	0	2	0	NR	NR	NR	**2**
HIST CORTESE	0	1	2	1	NR	NR	**4**
Notify 65	0	0	0	0	1	NR	**1**
EDR Hist Auto	0	3	NR	NR	NR	NR	**1**
EDR Hist Cleaner	0	1	NR	NR	NR	NR	**1**
TOTAL	**0**	**34**	**27**	**6**	**4**	**0**	**71**
*NR refers to "not requested" at search distance.							

The remainder of the discussion concerning review of environmental databases has been restricted to those properties located within 1/4 of a mile from the Property. Table 4 presents sites of potential environmental concern within 1/4 of a mile from the Property. Roux Associates made the determination to review sites within a 1/4 mile radius of the Property based upon the following factors: (1) the former historical commercial uses of the Property and residential and commercial immediately surrounding district, as documented by review of historical aerial photographs, Certified Sanborn Maps, and city directories (Section 4.0) and (2) the lack of supporting evidence for historical environmental regulatory cases in the general Property vicinity, other than the known soil vapor impacts in the vicinity of a former drycleaner, which is discussed in Section 5.2.1. For each listing, EDR reports whether a property is located topographically higher or lower in elevation relative to the Property.

Table 4. Properties of Potential Environmental Concern <1/4 Mile from Target Property

Database*	Elevation Relative to Property	Distance from property	Property Listing	EDR Address	Years Listed	Map Label
San Mateo Co. BI	Higher	0.001 mi	Patrick K Yee, D.D.S.	48 Park Plaza	NA	1
EDR Hist Cleaner	Higher	0.019 mi	Westlake French Cleaner	330 S Mayfair Ave	2001, 2002, 2003, 2006	A2
San Mateo Co. BI	Higher	0.020 mi	Sprint	345 Mayfair	NA	A3
San Mateo Co. BI	Higher	0.023 mi	Moto Photo	311 Mayfair	NA	A4

Database*	Elevation Relative to Property	Distance from property	Property Listing	EDR Address	Years Listed	Map Label
San Mateo Co. BI, RCRA-SQG, FINDS, ECHO	Higher	0.034 mi	Safeway Store #3031	85 Westlake Mall	1993	B5 & B6
San Mateo Co. BI	Higher	0.035 mi	Chipotle Mexican Grill #1102	213 Westlake	NA	B7
DRYCLEANERS	Higher	0.035 mi	Westlake French Cleaners	247 Westlake Center	2006-2009	B8
RCRA-SQG, LUST, SLIC, FINDS, San Mateo Co. BI, DRYCLEANERS, EMI, ECHO	Higher	0.035 mi	Westlake French Cleaners	3300 S May Fair Ave	1986, 1987, 1990, 1996-2010	B9
San Mateo Co. BI	Higher	0.037 mi	Ross Dress For Less #1355	405 Westlake	NA	B10
San Mateo Co. BI	Higher	0.039 mi	Safeway 3031	601 Westlake	NA	B11
SWRCY, NPDES	Higher	0.039 mi	Replanet LLC	601 Westlake Center	2011, 2015	B12
San Mateo Co. BI	Higher	0.040 mi	Panda Express #2212	701 Westlake	NA	B13
San Mateo Co. BI	Higher	0.041 mi	TJ Maxx 1112	100 Westlake	NA	B14
AST	Higher	0.041 mi	Allied Waste Industries Daly City	120 Westlake	NA	B15
RCRA-CESQG	Higher	0.042 mi	Walgreens #0324	216 Westlake Ctr	2014, 2016	B16
San Mateo Co. BI	Higher	0.043 mi	Petco #5303	432 Westlake	NA	B17
RCRA-SQG, FINDS, ECHO, San Mateo Co. BI	Higher	0.046 mi	Home Depot No. HD1092	700 Westlake Center	2006, 2008	B18, B19
EDR Hist Auto	Higher	0.052 mi	SFO Limo Car Service	62 Belmar Ave	2012	20
San Mateo Co. BI	Higher	0.053 mi	Verizon Wireless Westdale Fieldcrest	251 Westlake Center	NA	B21
SWEEPS UST, CA FID UST	Lower	0.065 mi	Marks Curry Chevron Service	892 John Daly Blvd	1988, 1994	C22

Database*	Elevation Relative to Property	Distance from property	Property Listing	EDR Address	Years Listed	Map Label
EDR Hist Auto	Lower	0.065 mi	Chevron Station	892 John Daly Blvd	1999-2002, 2007-2012	C23
LUST, CHMIRS, San Mateo Co. BI, HIST CORTESE	Lower	0.065 mi	Chevron Station	892 John Daly Blvd	1991-2011	C24
EDR Hist Auto	Lower	0.088 mi	Clear Glass Windshield Repair	19 Cliffside Dr	2002	25
San Mateo Co. BI	Higher	0.115 mi	Peninsula Dental Care	283 Lake Merced	NA	D26
San Mateo Co. BI	Higher	0.116 mi	Westlake Shopping Center	285 Lake Merced	NA	D27
RCRA-SQG	Higher	0.132 mi	Walgreens 0324	395 S Mayfair	2002	28
San Mateo Co. BI	Higher	0.193 mi	Westlake Shopping Center	15 Southgate Center	NA	E29
HIST UST, CHMIRS, EMI	Lower	0.195 mi	North San Mateo County Sanitation District	153 Lake Merced Blvd	1976, 1977, 1987, 1990, 1995-2013	F30
LUST	Lower	0.195 mi	Daly City Wastewater Plant	153 Lake Merced Blvd	1965	F31
UST	Lower	0.195 mi	Daly City Water Treatment Plant	153 Lake Merced Blvd	NA	F32
LUST, CHMIRS, Sn Mateo Co. BI, ENF, HIST CORTESE, NPDES	Lower	0.195 mi.	North San Mateo County Sanitation District WWTP	153 Lake Merced Blvd	1990-2014	F33
HIST UST	Lower	0.195 mi	Sanitation District	153 Lake Merced Blvd	1977	F34
HIST UST	Lower	0.195 mi	North San Mateo County Sanitation District	153 Lake Merced Blvd	NA	F35

Database*	Elevation Relative to Property	Distance from property	Property Listing	EDR Address	Years Listed	Map Label
SWEEPS UST, CA FID UST	Lower	0.195 mi	No. SM Co. Sanitation District	153 Lake Merced Blvd	1990-1994	F36
AST	Higher	0.195 mi	PG&E Westlake Substation	Park Plaza & Fairway	NA	E37
HIST UST	Lower	0.198 mi	Daly City Fire Dept. Station No. 1	151 Lake Merced Blvd	NA	F38
LUST, San Mateo Co. BI	Lower	0.198 mi	Daly City Fire Dept	151 Lake Merced Blvd	1996-2000	F39
SWEEPS UST, CA FID UST, EMI	Lower	0.198 mi	City of Daly City	151 Lake Merced Blvd	1990-1994	F40
San Mateo Co. BI	Higher	0.198 mi	Westlake Shopping Center	75 Southgate	NA	E41
San Mateo Co. BI	Higher	0.226 mi	Burlington Store #182	99 Southgate	NA	42
SWEEPS UST, HIST UST, CA FID UST, LUST, CHMIRS, HIST CORTESE	Higher	0.235 mi	Arco Facility #465	151 Southgate Ave	1988-1994	G43, G44, G45, G46, G47
*Databases are defined in EDR Radius Report (Appendix A)						

Although Westlake French Cleaners, Sprint, and Moto Photo are listed as being outside the property by EDR, based on the city directory search and known documentation about the site, these businesses will be considered to be located within the Property from this point forward.

5.1 FOIA/Public Records Request Responses

FOIA/public records requests for the Property, and surrounding sites, were submitted to federal, state, and local regulatory agencies (Section 2.2, Appendix B).

Information obtained from all agency correspondence is included in Appendix B and is summarized below.

North County Fire Authority

Roux Associates personnel visited the North County Fire Authority (Fire Authority) administrative facility on 10 Wembley Road, Daly City, California on February 16, 2017 to access available public records for the addresses at the Property. Searchable records included occupancy inspections, fire inspections, and new business inspections for the Property, but did not present any environmental concern. Marie Antonis, office administrator for the Fire Authority, informed Roux Associates personnel that records prior to 2009 have been purged, thus are not searchable.

San Mateo County Environmental Health Department

On February 17, 2017, Roux Associates received a response from the San Mateo County Environmental Health Department (SMCEHD) that there were documents available for review for 213 Westlake Center and 247 Westlake Center. No documents are available for review for the other addresses at the Property. Available documents include fiscal notices (such as business address changes), administrative documents, and compliance for storage of hazardous material (such as carbon dioxide or waste oil). These do not provide evidence for environmental concern. In addition to these documents, the SMCEHD provided correspondence and reports relevant to the former Westlake French Cleaners. These documents overlap with those available on GeoTracker and those provided by the Client; however, several of the correspondences are unique. These documents were used to complete Section 5.2.1 below.

RWQCB

Ms. Melinda Wong of the Water Board informed Roux Associates on February 21, 2017 via a phone call that no records were found for the Property (besides what exists on GeoTracker). The Water Board searched the following databases as part of its records review:

- California GeoTracker Database;
- California Integrated Water Quality Systems (CIWQ's) Database; and
- California Storm Water Multiple Applications and Report Tracking System (Smarts).

Department of Toxic Substances Control (DTSC)

DTSC notified Roux Associates on February 17, 2017 that there were no documents to review for the Property. In addition, there were no available documents on Envirostor.

5.2 Records Review Summary

Based on the EDR report and the file reviews discussed above, the following information for the Property and sites that are immediately adjacent or hydraulically upgradient, is provided in the sections below.

5 2.1 Records Review Summary for Property

Westlake French Cleaners: According to the EDR Radius Report, Westlake French Cleaners is listed under its former address: 330 S Mayfair Ave. The space is now designated with the address of 247 Westlake Center. The Westlake French Cleaners operated from 1955 to 2009. The space was originally 2,300 square feet; however, in 2009, the space was combined with 251 Westlake Center to occupy 3,280 square feet.

The presence of tetrachloroethene (PCE) was identified at the Westlake French Cleaners by means of subsurface investigations in 2002. The concentrations of PCE in soil vapor exceeded RWQCB Environmental Screening Levels (ESLs) for commercial exposure. In August 2011, PCE was detected in groundwater, located 78 feet bgs, at a concentration of 9.6 µg/L, which is above the maximum contaminant level (MCL) for drinking water. As the groundwater below the Property is not a source of drinking water and the concentration is below the RWQCB residential environmental screening limit (ESL), this impact does not pose a risk to downgradient residential properties. Northgate Environmental Management, Inc. (Northgate) installed and operated a soil vapor extraction (SVE) system in June 2014. After running for one month, in July 2014 there was a hiatus in SVE system operation for approximately one year due to noise complaints. The SVE system resumed operation in August 2015. Following the collection of soil vapor samples with concentrations of PCE below the commercial ESL in April 2016, the system was shut down for rebound testing. . The relevant documents associated with this site are included in Appendix I & J

Northgate reported that rebound testing performed in July 2016 indicated that PCE concentrations increased and additional rebound testing will occur in March 2017.

Chipotle Mexican Grill: According to the EDR Radius Report, Chipotle Mexican Grill, located at 345 S Mayfair Avenue, now 213 Westlake Center, stored less than 1,200 gallons of an undisclosed hazardous material. No records of spills or releases are associated with this database entry.

Additionally, Chipotle Mexican Grill is registered with the SMCEHD's Hazardous Materials Business Plan program for containing carbon dioxide and waste oil. Chipotle Mexican Grill was cited for violations in 2014 and 2016 regarding a lack of employee training for dealing with carbon dioxide; however, these violations were corrected in 2014 and 2017, respectively. As such, thus Chipotle Mexican grill is not considered a REC.

Sprint: According to the EDR Radius Report, Sprint located at 345 S Mayfair Avenue, now 335 Westlake Center, stored less than 1,200 gallons of an undisclosed hazardous material. No records of spills or releases are associated with this database entry, thus Sprint is not considered a REC.

Moto Photo: According to the EDR Radius Report, Moto Photo formerly located at 311 S Mayfair Avenue generates and recycles waste oil/solvents and stores less than 1,200 gallons of hazardous materials. No records of spills or releases are associated with this database entry, thus Moto Photo is not considered a REC.

5.2.2 Records Review Summary for Surrounding Sites

Leaking Underground Storage Tanks

According to Tables 3 & 4 there are 5 LUST listings within 1/4 mile from the Property (excluding the listing at Westlake French Cleaners), of which four are cross gradient/up gradient from the Property. Contaminants of concern that leaked from these 5 listings include:

- Two involving diesel,
- Three involving gasoline, and
- One undisclosed UST

Based on the inferred northeasterly groundwater flow, four of the LUST listings (Chevron Station, Daly City Wastewater, North San Mateo County Sanitation District WWTP, and Daly City Fire Station) are down or cross gradient from the Property and have all been closed; therefore, they not considered RECs in connection with the Property.

The LUST listing associated with the Arco Station at 151 Southgate Avenue is located upgradient from the Property and has not been closed. The identified contamination sources include former gasoline and waste oil underground storage tanks (USTs), and former fuel dispenser islands.

According to the Additional Assessment and Vapor Extraction Pilot Test Report (August 2016), concentrations of MtBE in shallow perched groundwater (approximately 55 feet bgs) are as high as 790 µg/L along the northern edge of the Arco Station, however concentrations are declining (Appendix I). Regional groundwater below the Arco Station is located at approximately 150 feet bgs. Sampling in February 2016 showed concentrations of constituents below laboratory reporting limits in the deep regional groundwater. Gasoline range organics (GRO) impact is localized to the area of the waste oil tank in shallow groundwater (15 to 35-feet bgs). BTEX and GRO are not present in the perched groundwater zone at 60 feet bgs at the LUST facility. As MtBE, BTEX, and GRO were not detected at the Property above laboratory reporting limits, the LUST at the Arco Station does not represent a REC for the Property.

Underground Storage Tank (UST) and Above Ground Storage Tank (AST)

According to Table 4, there are 16 USTs and 2 ASTs listings within 1/4 mile of the Property. These UST listings include the UST, SWEEPS UST, HIST UST, and CA FID UST database entries (defined in Appendix A). Five of the USTs listed in the EDR database were associated with the previously mentioned LUST listings. One of the UST listings corresponds to a LUST listing that is still open; however, as described above, this does not indicated a REC for the Property. As the other UST listings that have spilled and/or leaked received closure, they are not considered RECs.

Allied Waste Solutions and PG&E each own an AST within 1/4 mile of the Property. These ASTs contain up to 1,320 gallons of an undisclosed material (Appendix A). No spills or releases are associated with these ASTs, thus they do not pose RECs for the Property.

Automotive

According to Table 4 there are three listings associated with automotive repair facilities within 1/4 mile from the Property. Automobile garages typically use chlorinated solvents, petroleum hydrocarbons, organic solvents, heavy metals, antifreeze, refrigerants, and batteries. Two of the EDR Hist Auto database listings were also associated with LUST listings. These include the following addresses: 892 John Daly Boulevard and 151 Southgate Avenue. The LUST at 892 John Daly Boulevard has been closed by the SMCEHD; however, the LUST at 151 Southgate

Avenue is still open and described above. Thus, neither of these automotive facilities represent a REC for the Property.

Databases presented in Tables 3 and 4 whose listings are not described in Section 5.2.2 include do not provide information that would indicate an environmental concern.

6.0 SITE RECONNAISSANCE

Roux Associates conducted a reconnaissance of the Property on February 16, 2017, assisted by Property Manager Maria Teos of Kimco Realty. The current Property buildings, which were constructed in 1951, consists of a one-story commercial and retail building and a three story commercial, retail, and office building. At the time of the Site reconnaissance, the Property was occupied by multiple tenants.

The objective of the reconnaissance was to check for visual evidence of past or present use or storage of hazardous materials that could potentially affect the soil and groundwater quality at the Property. Ms. Maria Teos provided access to the Property. Photographs taken during the site reconnaissance are attached (Appendix H) and described below.

Roux Associates observed the buildings adjacent and nearby to the Property. The buildings surrounding the Property are primarily used for residential, commercial, and retail uses

During the site reconnaissance, Roux Associates entered all available tenant spaces to observe the operations and conditions of the space. Accuquest, Supercuts, Magic Touch Salon, and several dental offices were not accessible due to the manager not being present or store closure. Roux Associates does not consider these data gaps due to the nature of the businesses present.

6.1 Utilities

Electrical utilities and natural gas are provided to the Property by PG&E.

6.2 Hazardous Substances

No hazardous materials storage or disposal was observed at the site.

6.3 Polychlorinated Biphenyls

No transformers were observed at the site.

6.4 Staining and Stressed Vegetation

Staining is present within the elevator shaft and outer room. An unlabeled drum sits in the elevator shaft and stores hydraulic oil for the elevators. The staining is minimal and no observed

pathway to the subsurface is present in the bottom of the elevator shaft; as such, this is not considered a REC.

6.5 Drains and Sumps

Drainage was observed throughout the Property including the parking lot, the passageway between Buildings M and L, and restaurant spaces. Grease traps are present within restaurants. Used cooking oil from Broaster Chicken is stored in two 55-gallon drums behind the restaurant in the covered passageway.

6.6 Solid Waste

Solid waste is disposed of at the facility by Republic Services. Additionally, twelve 55-gallon drums containing soil were observed in the northeastern corner of the Property. According to Northgate, the soil was removed during excavation related to sewer line repairs.

6.7 Wastewater

The City of Daly City provides the Property's sewage services and potable water service.

6.8 Wells

There were two monitoring wells observed along the eastern boundary of the Property.

6.9 Soil Vapor Extraction System

The SVE system installed in the passageway east of the former Westlake French Cleaners (247 Westlake Center) was observed at the Property. A blower, two containers of granular activated carbon (GAC) and two SVE wells sat within the passageway. Additionally PVC pipe extends the east of the property to four additional SVE wells that are installed along Park Plaza Avenue.

6.10 Out-of-Scope Services

No out-of-scope services were provided. An assessment for LBP and ACM was not performed as part of this assessment. Based on the age of the building, LBP and ACMs may be present.

7.0 INTERVIEWS AND USER PROVIDED INFORMATION

Roux Associates incorporated an interview with key site managers and completed questionnaires provided by the Owner Kimco Westlake L.P. at the Property in this Phase I ESA. Information obtained from these sources was detailed throughout this report in various sections, as appropriate. Pertinent findings from these sources are summarized in Sections 7.1 and 7.2. The completed Questionnaire is provided in Appendix C.

7.1 Interviews

Roux Associates conducted interviews in person with the Ms. Maria Teos of Kimco, the current Property Owner on February 16, 2017. The interviews were completed concurrent with the site reconnaissance.

7.2 Owner Questionnaire

Roux Associates provided questionnaires to the property owner and received results on February 14, 2017. The Owner answered the following, to the best of her knowledge:

- No environmental cleanup liens exist in connection with the Property;
- No activity and land use limitations are in place at the Property;
- No specialized, personal knowledge or experience is related to the Property or nearby properties, other than information contained in the environmental reports provided to Roux Associates (Section 2.5);
- The purchase price of the Property fairly reflects the fair market value of the Property;
- No commonly known or reasonably ascertainable information is known about the Property, other than information contained in the environmental reports provided to Roux Associates (Section 2.5); and
- No knowledge of obvious indicators suggests the presence of contamination at the Property, other than information contained in the environmental reports provided to Roux Associates (Section 2.5).

This information is in agreement with the findings documented in other components of the Phase I ESA.

8.0 SUMMARY AND CONCLUSIONS

Roux Associates performed a Phase I ESA for the Property on behalf of Kimco Westlake L.P.

The Property is located in the northeastern corner of the Westlake Shopping Center bounded to the north by John Daly Boulevard and to the east by Park Plaza Drive. The southern and western extents of the Property are defined by the Work Area displayed in Figure 2. The Property comprises two buildings that total 49,827-square feet of commercial, retail, and medical/dental space.

This ESA was performed to identify RECs associated with the Property, indicating past, current, or material threats of the release of hazardous materials or petroleum hydrocarbons to the buildings, soil, groundwater, or surface water at the Property. The ESA was conducted by investigating past Property uses, reviewing the results of a search of environmental databases, reviewing records at relevant government agencies, and performing a reconnaissance of the Property and surrounding area.

This Phase I ESA is intended to define the historical uses of the Property and identify any potential RECs for the Property, as defined by ASTM International Standard Practice E1527-13. After review of the variety of information sources used to conduct the Phase I ESA, review of the EDR City Directory, Certified Sanborn Fire Insurance maps, and Aerial Photos (Section 4.0) indicate that the Property has been improved with the current retail and commercial buildings since its development in 1951.

Based on the data reviewed and Roux Associates' observations and understanding of the Property's use and conditions, one non-action REC was identified at the Property:

1. Available records indicate that a former drycleaners was located at 247 Westlake Center (formerly 330 South Mayfair Avenue before street reconfiguration). Subsurface investigations were conducted began in 2002 under the oversight of the San Mateo County Environmental Health Department (SMCEHD). The results indicated the soil vapor beneath Building L was impacted with tetrachloroethene (PCE) with PCE concentrations exceeding commercial Environmental Screening Limits (ESLs). A soil vapor extraction (SVE) system was installed and operated between June 2014 and April 2016. The SVE

system was currently shutdown and rebound testing will be completed in March 2017. Roux Associates considers this listing to be a non-action REC because the source of the PCE has been addressed.

There were no data gaps identified as part of the site reconnaissance. Based on the buildings' age, ACM and LBP are likely to be present in building materials; however, identification of these issues is out of scope for this Phase 1 Environmental Site Assessment.

9.0 REPORT ASSUMPTIONS AND LIMITATIONS

The Phase I ESA described herein was conducted by Roux Associates in accordance with ASTM Standard Practice E1527-13, which is consistent with the regulatory requirements for conducting all appropriate inquiries (40 CFR Part 312, Standards and Practices for All Appropriate Inquiries; Final Rule[5]). The preamble for the AAI Rule refers to ASTM E1527-05 and states:

> *In today's final rule, EPA is referencing the standards and practices developed by ASTM International and known as Standard E1527-05 (entitled "Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process") and recognizing the E1527-05 standard as consistent with today's final rule. The Agency determined that this voluntary consensus standard is consistent with today's final rule and is compliant with the statutory criteria for all appropriate inquiries. Persons conducting all appropriate inquiries may use the procedures included in the ASTM E1527-05 standard to comply with today's final rule.*[6]

This AAI Rule was subsequently amended in 2013, as indicated in the following "Background":

> *With today's action, EPA is establishing that parties seeking liability relief under CERCLA's landowner liability protections, as well as recipients of brownfields grants for conducting site assessments, will be considered to have met the standards and practices for all appropriate inquiries, as set forth in the Brownfields Amendments to CERCLA and 40 CFR Part 312, if such parties follow the procedures provided in the ASTM E1527-13 "Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process." EPA made this determination based upon the Agency's finding that the ASTM E1527-13 standard is compliant with the All Appropriate Inquiries Rule. Therefore, parties conducting all appropriate inquiries may use the procedures in the newly issued ASTM E1527-13 standard when conducting all appropriate inquiries.*[7]

It is Roux Associates' understanding that this Phase I ESA was requested by Pellarin Enterprises so that Pellarin Enterprises may qualify for the innocent landowner, contiguous property owner, or bona fide prospective purchaser limitations on liability under the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA). One of the requirements that a person acquiring real property must meet in order to qualify for one of these limitations on liability under CERCLA is to perform all appropriate inquiries in conformance with the AAI Rule (or the ASTM

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[5] Final Rule and information available at www.epa.gov/swerosps/bf/regneg.htm#final_rule, and https://federalregister.gov/a/2013-31112.
[6] Federal Register: November 1, 2005 (Volume 70, Number 210), page 66081.
[7] Federal Register: December 30, 2013 (Volume 78, Number 250).

Standard Practice E1527-13) prior to acquisition of the property. Pellarin Enterprises has acknowledged that, under the AAI Rule, Roux Associates' performance of the Phase I ESA described herein will not alone result in Pellarin Enterprises satisfying all of the requirements of the AAI Rule and provide a defense to CERCLA liability. Further, Pellarin Enterprises has acknowledged that the AAI Rule requires that certain additional inquiries be undertaken to satisfy the CERCLA AAI requirements. **ACCORDINGLY, ROUX ASSOCIATES MAKES NO GUARANTEES OR WARRANTIES, EXPRESSED OR IMPLIED, REGARDING THIS PHASE I ESA, INCLUDING WITHOUT LIMITATION, ANY WARRANTY THAT THIS PHASE I ESA WILL IN FACT QUALIFY CLIENT FOR A DEFENSE TO CERCLA LIABILITY.**

Roux Associates has performed this Phase I ESA in a professional manner using that degree of skill and care exercised for similar projects under similar conditions by reputable and competent environmental consultants. Professional judgments expressed herein are based on the facts currently available to Roux Associates.

The AAI Rule requires and the conclusions stated herein represent the application of a variety of engineering and technical disciplines to material facts and conditions associated with the Property. As such, these conclusions are based on subjective interpretations and the exercise of discretion. Many of these facts and conditions are subject to change over time. Accordingly, the conclusions must be considered within this context.

Pellarin Enterprises has agreed that Roux Associates shall not be responsible for conditions or consequences arising from relevant facts that were concealed, withheld, or not fully disclosed at the time the Phase I ESA was performed. To the extent practicable, Roux Associates has identified data gaps, and has evaluated the potential significance of such data gaps.

This Phase I ESA Report should not be considered a legal interpretation of existing environmental laws and regulations. The Phase I ESA was conducted with a reasonable degree of inquiry to identify RECs, but uncertainty is not eliminated. No Phase I ESA can wholly eliminate uncertainty regarding the potential for RECs in connection with a property. The Phase I ESA process is intended to reduce, but not eliminate, the uncertainty involved with identifying RECs.

This Phase I ESA Report is not an appraisal or value judgment of the Property. Pellarin Enterprises has agreed that Roux Associates shall not be liable for any use of the Phase I ESA Report as an appraisal or value judgment of the Property.

The Phase I ESA Report has been prepared for the exclusive use of Pellarin Enterprises for specific application to the Property. Pellarin Enterprises has agreed that any third-party use of this Phase I ESA Report is Pellarin Enterprises sole responsibility and at Pellarin Enterprises' sole liability.

I declare that, to the best of my professional knowledge and belief, I meet the definition of Environmental Professional as defined in §312.10 of 40 CFR 312; and

I have the specific qualifications based on education, training, and experience to assess a property of the nature, history, and setting of the subject property. We have developed and performed the appropriate inquiries in conformance with the standards and practices set forth in 40 CFR 312.

Respectfully submitted,

ROUX ASSOCIATES, INC.

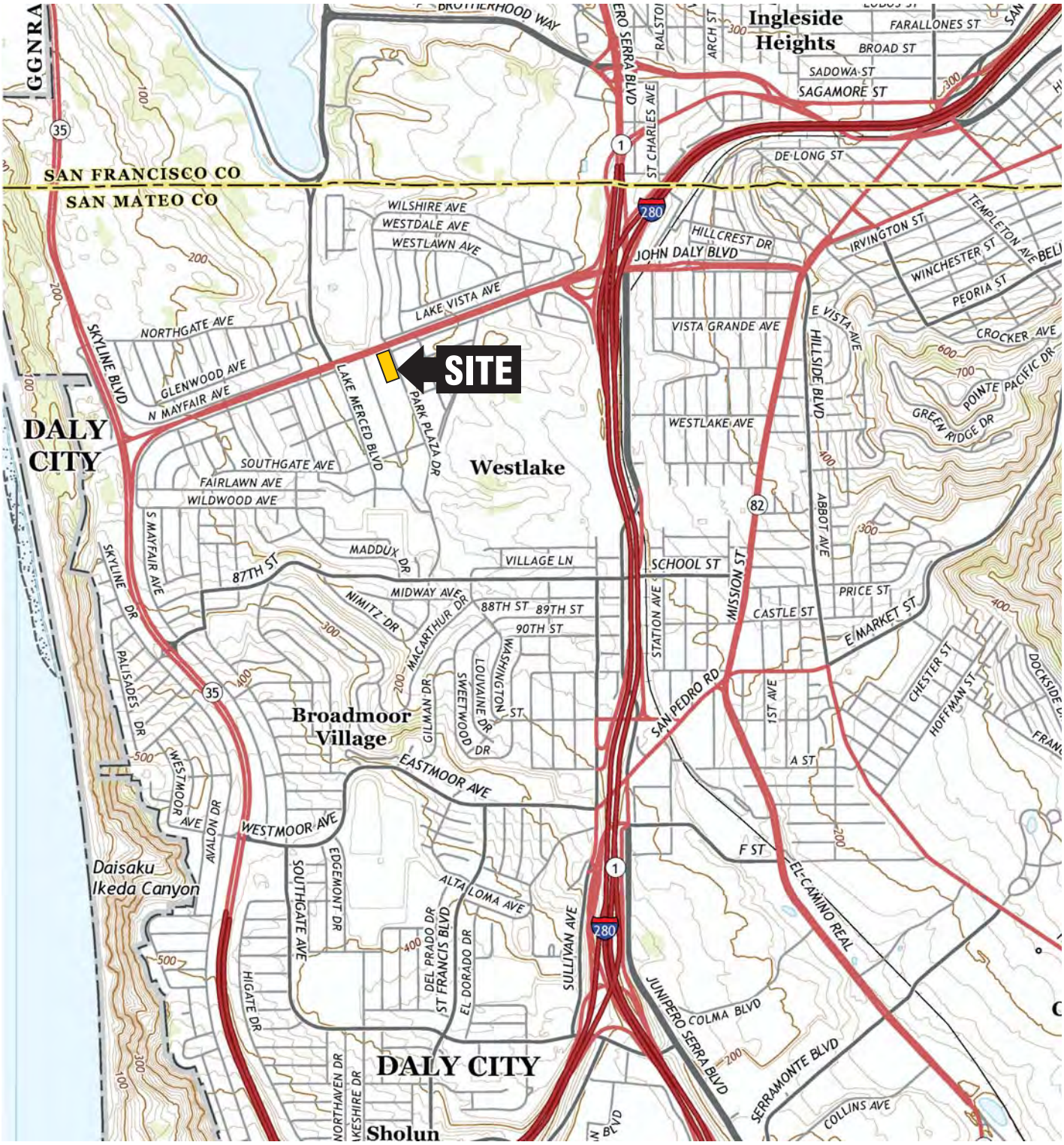
Gabriel Matson
Staff Geologist

Richard Maxwell
Principal Geologist

Angela Liang Cutting, Ph.D., P.E.,
Principal Engineer

FIGURES

1. Site Location Map
2. Site Plan



QUADRANGLE LOCATION



SOURCE:
USGS; 2015, San Francisco South, CA
7.5 Minute Topographic Quadrangle

N

0 2000’

Title:

SITE LOCATION MAP

WESTLAKE SHOPPING CENTER WORK AREA
DALY CITY, CALIFORNIA

Prepared for:

KIMCO WESTLAKE L.P.

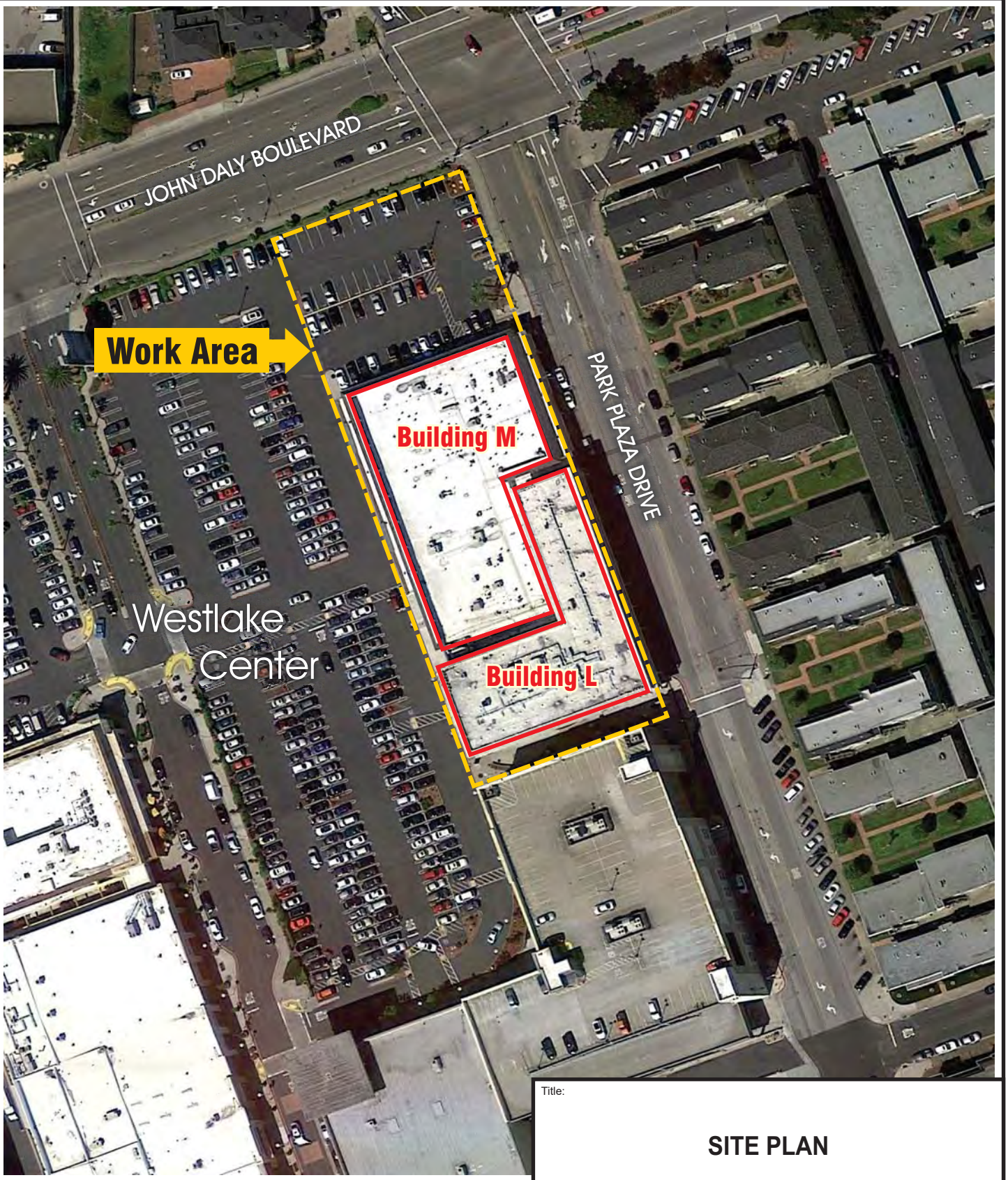
ROUX

ROUX ASSOCIATES, INC.
Environmental Consulting & Management

Compiled by: G.M.	Date: 09MAR17
Prepared by: B.H.C.	Scale: AS SHOWN
Project Mgr.: G.M.	Project No.: 1247.0005S000
File: 1247.0005S000.CDR	

FIGURE 1

\1247\0005S\1247.0005S000.CDR



0 100’

N

Title:

SITE PLAN

WESTLAKE SHOPPING CENTER WORK AREA
DALY CITY, CALIFORNIA

Prepared for:

KIMCO WESTLAKE L.P.

ROUX ASSOCIATES, INC.
Environmental Consulting & Management

Compiled by: G.M.	Date: 09MAR17	FIGURE
Prepared by: B.H.C.	Scale: AS SHOWN	2
Project Mgr.: G.M.	Project No.: 1247.0005S000	
File: 1247.0005S000.CDR		

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APPENDICES

A. EDR Radius Map Report with GeoCheck
B. Freedom of Information Act/Public Records Inquiries and Responses
C. Questionnaire
D. Historical Aerial Photographs
E. U.S. Geological Survey Historical Topographic Maps
F. Certified Sanborn Map Report
G. City Directory Abstract
H. Site Photographs
I. GeoTracker Documents
J. Client Provided Documents

APPENDIX A

EDR Radius Map with GeoCheck

Westlake Center
Westlake Center
Daly City, CA 94015

Inquiry Number: 4851929.2s
February 10, 2017

The EDR Radius Map™ Report with GeoCheck®

6 Armstrong Road, 4th floor
Shelton, CT 06484
Toll Free: 800.352.0050
www.edrnet.com

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GEOCHECK ADDENDUM

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Thank you for your business.
Please contact EDR at 1-800-352-0050
with any questions or comments.

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EXECUTIVE SUMMARY

A search of available environmental records was conducted by Environmental Data Resources, Inc (EDR). The report was designed to assist parties seeking to meet the search requirements of EPA's Standards and Practices for All Appropriate Inquiries (40 CFR Part 312), the ASTM Standard Practice for Environmental Site Assessments (E 1527-13) or custom requirements developed for the evaluation of environmental risk associated with a parcel of real estate.

TARGET PROPERTY INFORMATION

ADDRESS

WESTLAKE CENTER
DALY CITY, CA 94015

COORDINATES

Latitude (North):	37.7013300 - 37° 42' 4.78''
Longitude (West):	122.4822530 - 122° 28' 56.11''
Universal Tranverse Mercator:	Zone 10
UTM X (Meters):	545641.8
UTM Y (Meters):	4172599.0
Elevation:	90 ft. above sea level

USGS TOPOGRAPHIC MAP ASSOCIATED WITH TARGET PROPERTY

Target Property Map:	5641126 SAN FRANCISCO SOUTH, CA
Version Date:	2012
West Map:	5640630 SAN FRANCISCO SOUTH OE W, CA
Version Date:	2012

AERIAL PHOTOGRAPHY IN THIS REPORT

Portions of Photo from:	20140613, 20140608
Source:	USDA

MAPPED SITES SUMMARY

Target Property Address:
WESTLAKE CENTER
DALY CITY, CA 94015

Click on Map ID to see full detail.

MAP ID	SITE NAME	ADDRESS	DATABASE ACRONYMS	RELATIVE ELEVATION	DIST (ft. & mi.) DIRECTION
1	PATRICK K YEE, D.D.S	48 PARK PLAZA	San Mateo Co. BI	Higher	6, 0.001, SE
A2		330 S MAYFAIR AVE	EDR Hist Cleaner	Higher	101, 0.019, NNE
A3	SPRINT	345 MAYFAIR	San Mateo Co. BI	Higher	104, 0.020, NE
A4	MOTO PHOTO	311 MAYFAIR	San Mateo Co. BI	Higher	124, 0.023, NE
B5	SAFEWAY STORE #3031	85 WESTLAKE MALL	San Mateo Co. BI	Higher	178, 0.034, SSW
B6	SAFEWAY NO 3031	85 WESTLAKE MALL	RCRA-SQG, FINDS, ECHO	Higher	178, 0.034, SSW
B7	CHIPOTLE MEXICAN GRI	213 WESTLAKE	San Mateo Co. BI	Higher	183, 0.035, SSW
B8	WESTLAKE FRENCH CLEA	247 WESTLAKE CTR	DRYCLEANERS	Higher	185, 0.035, SSW
B9	WESTLAKE FRENCH CLEA	3300 S MAY FAIR AVE	RCRA-SQG, LUST, SLIC, FINDS, San Mateo Co. BI,...	Higher	185, 0.035, SSW
B10	ROSS DRESS FOR LESS	405 WESTLAKE	San Mateo Co. BI	Higher	193, 0.037, SSW
B11	SAFEWAY 3031	601 WESTLAKE	San Mateo Co. BI	Higher	204, 0.039, SSW
B12	REPLANET LLC	601 WESTLAKE CENTER	SWRCY, NPDES	Higher	204, 0.039, SSW
B13	PANDA EXPRESS #2212	701 WESTLAKE	San Mateo Co. BI	Higher	210, 0.040, SSW
B14	TJ MAXX 1112	100 WESTLAKE	San Mateo Co. BI	Higher	215, 0.041, SSW
B15	ALLIED WASTE INDUSTR	120 WESTLAKE	AST	Higher	217, 0.041, SSW
B16	WALGREENS #0324	216 WESTLAKE CTR	RCRA-CESQG	Higher	220, 0.042, SSW
B17	PETCO #5303	432 WESTLAKE	San Mateo Co. BI	Higher	229, 0.043, SSW
B18	HOME DEPOT NO HD 109	700 WESTLAKE CENTER	RCRA-SQG, FINDS, ECHO	Higher	243, 0.046, SSW
B19	THE HOME DEPOT STORE	700 WESTLAKE CENTER	San Mateo Co. BI	Higher	243, 0.046, SSW
20		62 BELMAR AVE	EDR Hist Auto	Higher	275, 0.052, SE
B21	VERIZON WIRELESS WES	251 WESTLAKE CENTER	San Mateo Co. BI	Higher	282, 0.053, South
C22	MARKS CURRY CHEVRON	892 JOHN DALY BLVD	SWEEPS UST, CA FID UST	Lower	345, 0.065, WNW
C23		892 JOHN DALY BLVD	EDR Hist Auto	Lower	345, 0.065, WNW
C24	CHEVRON	892 JOHN DALY	LUST, CHMIRS, San Mateo Co. BI, HIST CORTESE	Lower	345, 0.065, WNW
25		19 CLIFFSIDE DR	EDR Hist Auto	Lower	467, 0.088, NNW
D26	PENINSULA DENTAL CEN	283 LAKE MERCED	San Mateo Co. BI	Higher	607, 0.115, SW
D27	WESTLAKE SHOPPING CE	285 LAKE MERCED	San Mateo Co. BI	Higher	611, 0.116, SW
28	WALGREENS 0324	395 S MAYFAIR	RCRA-SQG	Higher	698, 0.132, West
E29	WESTLAKE SHOPPING CE	15 SOUTHGATE	San Mateo Co. BI	Higher	1021, 0.193, SSE
F30	NORTH SAN MATEO COUN	153 LAKE MERCED BLVD	HIST UST, CHMIRS, EMI	Lower	1029, 0.195, NW
F31	DALY CITY WASTEWATER	153 LAKE MERCED	LUST	Lower	1029, 0.195, NW
F32	DALY CITY WATER TREA	153 LAKE MERCED BLVD	UST	Lower	1029, 0.195, NW
F33	NORTH SAN MATEO COUN	153 LAKE MERCED BOUL	LUST, CHMIRS, San Mateo Co. BI, ENF, HIST CORTESE,...	Lower	1029, 0.195, NW
F34	SANITATION DISTRICT	153 LAKE MERCED BLVD	HIST UST	Lower	1029, 0.195, NW
F35	NORTH SAN MATEO COUN	153 LAKE MERCED DOUL	HIST UST	Lower	1029, 0.195, NW
F36	NO.SM CO. SANITATION	153 LAKE MERCED BLVD	SWEEPS UST, CA FID UST	Lower	1029, 0.195, NW
E37	PG&E WESTLAKE SUBSTA	PARK PLAZA & FAIRWAY	AST	Higher	1029, 0.195, SSE
F38	STATION NO 1	151 LAKE MERCED BLVD	HIST UST	Lower	1043, 0.198, NW
F39	DALY CITY FIRE DEPT	151 LAKE MERCED	LUST, San Mateo Co. BI	Lower	1043, 0.198, NW

MAPPED SITES SUMMARY

Target Property Address:
WESTLAKE CENTER
DALY CITY, CA 94015

Click on Map ID to see full detail.

MAP ID	SITE NAME	ADDRESS	DATABASE ACRONYMS	RELATIVE ELEVATION	DIST (ft. & mi.) DIRECTION
F40	CITY OF DALY CITY	151 LAKE MERCED BLVD	SWEEPS UST, CA FID UST, EMI	Lower	1043, 0.198, NW
E41	WESTLAKE SHOPPING CE	75 SOUTHGATE	San Mateo Co. BI	Higher	1043, 0.198, South
42	BURLINGTON STORE #18	99 SOUTHGATE	San Mateo Co. BI	Higher	1193, 0.226, South
G43	ARCO FACILITY #465	151 S GATE AVE	SWEEPS UST, HIST UST, CA FID UST	Higher	1240, 0.235, SSW
G44	ARCO #0465	151 SOUTHGATE AVENUE	LUST	Higher	1240, 0.235, SSW
G45	F A & M J MONTE	151 SOUTHGATE AVE	HIST UST	Higher	1240, 0.235, SSW
G46	ARCO	151 SOUTHGATE	CHMIRS, HIST CORTESE	Higher	1240, 0.235, SSW
G47	ARCO 00465	151 SOUTHGATE	San Mateo Co. BI	Higher	1240, 0.235, SSW
48	SOUTHGATE CLEANERS	183 SOUTHGATE AVE	RCRA-SQG, LUST, SLIC, FINDS, San Mateo Co. BI,...	Higher	1426, 0.270, SSW
H49	UNOCAL STATION #3816	101 SOUTH MAYFAIR AV	LUST, San Mateo Co. BI, HIST CORTESE	Higher	1962, 0.372, ENE
H50	UNION OIL SS#3816	101 S MAYFAIR AVE	LUST, HIST UST	Higher	1962, 0.372, ENE
H51	UNION OIL SERVICE ST	101 S MAYFAIR AVE	LUST, SWEEPS UST, CA FID UST, EMI	Higher	1962, 0.372, ENE
52	20011 JUNIPERO SERRA	2001 JUNIPERO SERRA	Notify 65	Higher	3288, 0.623, East
53	THORNTON BEACH		ENVIROSTOR	Higher	4620, 0.875, SW
54	SF NIKE BATTERY 59		ENVIROSTOR	Higher	4779, 0.905, West
55	THORNTON BEACH MILIT		FUDS	Lower	5074, 0.961, WSW

EXECUTIVE SUMMARY

TARGET PROPERTY SEARCH RESULTS

The target property was not listed in any of the databases searched by EDR.

DATABASES WITH NO MAPPED SITES

No mapped sites were found in EDR's search of available ("reasonably ascertainable ") government records either on the target property or within the search radius around the target property for the following databases:

STANDARD ENVIRONMENTAL RECORDS

Federal NPL site list

NPL ---------- National Priority List
Proposed NPL ---------- Proposed National Priority List Sites
NPL LIENS ---------- Federal Superfund Liens

Federal Delisted NPL site list

Delisted NPL ---------- National Priority List Deletions

Federal CERCLIS list

FEDERAL FACILITY ---------- Federal Facility Site Information listing
SEMS ---------- Superfund Enterprise Management System

Federal CERCLIS NFRAP site list

SEMS-ARCHIVE ---------- Superfund Enterprise Management System Archive

Federal RCRA CORRACTS facilities list

CORRACTS ---------- Corrective Action Report

Federal RCRA non-CORRACTS TSD facilities list

RCRA-TSDF ---------- RCRA - Treatment, Storage and Disposal

Federal RCRA generators list

RCRA-LQG ---------- RCRA - Large Quantity Generators

Federal institutional controls / engineering controls registries

LUCIS ---------- Land Use Control Information System
US ENG CONTROLS ---------- Engineering Controls Sites List
US INST CONTROL ---------- Sites with Institutional Controls

Federal ERNS list

ERNS ---------- Emergency Response Notification System

State- and tribal - equivalent NPL

RESPONSE State Response Sites

State and tribal landfill and/or solid waste disposal site lists

SWF/LF Solid Waste Information System

State and tribal leaking storage tank lists

INDIAN LUST Leaking Underground Storage Tanks on Indian Land

State and tribal registered storage tank lists

FEMA UST Underground Storage Tank Listing
INDIAN UST Underground Storage Tanks on Indian Land

State and tribal voluntary cleanup sites

VCP Voluntary Cleanup Program Properties
INDIAN VCP Voluntary Cleanup Priority Listing

State and tribal Brownfields sites

BROWNFIELDS Considered Brownfieds Sites Listing

ADDITIONAL ENVIRONMENTAL RECORDS

Local Brownfield lists

US BROWNFIELDS A Listing of Brownfields Sites

Local Lists of Landfill / Solid Waste Disposal Sites

WMUDS/SWAT Waste Management Unit Database
HAULERS Registered Waste Tire Haulers Listing
INDIAN ODI Report on the Status of Open Dumps on Indian Lands
DEBRIS REGION 9 Torres Martinez Reservation Illegal Dump Site Locations
ODI Open Dump Inventory
IHS OPEN DUMPS Open Dumps on Indian Land

Local Lists of Hazardous waste / Contaminated Sites

US HIST CDL Delisted National Clandestine Laboratory Register
HIST Cal-Sites Historical Calsites Database
SCH School Property Evaluation Program
CDL Clandestine Drug Labs
Toxic Pits Toxic Pits Cleanup Act Sites
US CDL National Clandestine Laboratory Register

Local Land Records

LIENS Environmental Liens Listing

LIENS 2	CERCLA Lien Information
DEED	Deed Restriction Listing

Records of Emergency Release Reports

HMIRS	Hazardous Materials Information Reporting System
CHMIRS	California Hazardous Material Incident Report System
LDS	Land Disposal Sites Listing
MCS	Military Cleanup Sites Listing
SPILLS 90	SPILLS 90 data from FirstSearch

Other Ascertainable Records

RCRA NonGen / NLR	RCRA - Non Generators / No Longer Regulated
DOD	Department of Defense Sites
SCRD DRYCLEANERS	State Coalition for Remediation of Drycleaners Listing
US FIN ASSUR	Financial Assurance Information
EPA WATCH LIST	EPA WATCH LIST
2020 COR ACTION	2020 Corrective Action Program List
TSCA	Toxic Substances Control Act
TRIS	Toxic Chemical Release Inventory System
SSTS	Section 7 Tracking Systems
ROD	Records Of Decision
RMP	Risk Management Plans
RAATS	RCRA Administrative Action Tracking System
PRP	Potentially Responsible Parties
PADS	PCB Activity Database System
ICIS	Integrated Compliance Information System
FTTS	FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)
MLTS	Material Licensing Tracking System
COAL ASH DOE	Steam-Electric Plant Operation Data
COAL ASH EPA	Coal Combustion Residues Surface Impoundments List
PCB TRANSFORMER	PCB Transformer Registration Database
RADINFO	Radiation Information Database
HIST FTTS	FIFRA/TSCA Tracking System Administrative Case Listing
DOT OPS	Incident and Accident Data
CONSENT	Superfund (CERCLA) Consent Decrees
INDIAN RESERV	Indian Reservations
FUSRAP	Formerly Utilized Sites Remedial Action Program
UMTRA	Uranium Mill Tailings Sites
LEAD SMELTERS	Lead Smelter Sites
US AIRS	Aerometric Information Retrieval System Facility Subsystem
US MINES	Mines Master Index File
FINDS	Facility Index System/Facility Registry System
DOCKET HWC	Hazardous Waste Compliance Docket Listing
UXO	Unexploded Ordnance Sites
CA BOND EXP. PLAN	Bond Expenditure Plan
Cortese	"Cortese" Hazardous Waste & Substances Sites List
CUPA Listings	CUPA Resources List
EMI	Emissions Inventory Data
ENF	Enforcement Action Listing
Financial Assurance	Financial Assurance Information Listing
HAZNET	Facility and Manifest Data
ICE	ICE

HWP EnviroStor Permitted Facilities Listing
HWT Registered Hazardous Waste Transporter Database
MINES Mines Site Location Listing
MWMP Medical Waste Management Program Listing
NPDES NPDES Permits Listing
PEST LIC Pesticide Regulation Licenses Listing
PROC Certified Processors Database
UIC UIC Listing
WASTEWATER PITS Oil Wastewater Pits Listing
WDS Waste Discharge System
WIP Well Investigation Program Case List
ABANDONED MINES Abandoned Mines
FUELS PROGRAM EPA Fuels Program Registered Listing
ECHO Enforcement & Compliance History Information

EDR HIGH RISK HISTORICAL RECORDS

EDR Exclusive Records

EDR MGP EDR Proprietary Manufactured Gas Plants

EDR RECOVERED GOVERNMENT ARCHIVES

Exclusive Recovered Govt. Archives

RGA LF Recovered Government Archive Solid Waste Facilities List
RGA LUST Recovered Government Archive Leaking Underground Storage Tank

SURROUNDING SITES: SEARCH RESULTS

Surrounding sites were identified in the following databases.

Elevations have been determined from the USGS Digital Elevation Model and should be evaluated on a relative (not an absolute) basis. Relative elevation information between sites of close proximity should be field verified. Sites with an elevation equal to or higher than the target property have been differentiated below from sites with an elevation lower than the target property.
Page numbers and map identification numbers refer to the EDR Radius Map report where detailed data on individual sites can be reviewed.

Sites listed in ***bold italics*** are in multiple databases.

Unmappable (orphan) sites are not considered in the foregoing analysis.

STANDARD ENVIRONMENTAL RECORDS

Federal RCRA generators list

RCRA-SQG: RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Small quantity generators (SQGs) generate between 100 kg and 1,000 kg of hazardous waste per month.

A review of the RCRA-SQG list, as provided by EDR, and dated 09/12/2016 has revealed that there are 4

RCRA-SQG sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
SAFEWAY NO 3031	***85 WESTLAKE MALL***	***SSW 0 - 1/8 (0.034 mi.)***	***B6***	***9***
WESTLAKE FRENCH CLEA	***3300 S MAY FAIR AVE***	***SSW 0 - 1/8 (0.035 mi.)***	***B9***	***12***
HOME DEPOT NO HD 109	***700 WESTLAKE CENTER***	***SSW 0 - 1/8 (0.046 mi.)***	***B18***	***27***
WALGREENS 0324	395 S MAYFAIR	W 1/8 - 1/4 (0.132 mi.)	28	44

RCRA-CESQG: RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Conditionally exempt small quantity generators (CESQGs) generate less than 100 kg of hazardous waste, or less than 1 kg of acutely hazardous waste per month.

A review of the RCRA-CESQG list, as provided by EDR, and dated 09/12/2016 has revealed that there is 1 RCRA-CESQG site within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
WALGREENS #0324	216 WESTLAKE CTR	SSW 0 - 1/8 (0.042 mi.)	B16	24

State- and tribal - equivalent CERCLIS

ENVIROSTOR: The Department of Toxic Substances Control's (DTSC's) Site Mitigation and Brownfields Reuse Program's (SMBRP's) EnviroStor database identifes sites that have known contamination or sites for which there may be reasons to investigate further. The database includes the following site types: Federal Superfund sites (National Priorities List (NPL)); State Response, including Military Facilities and State Superfund; Voluntary Cleanup; and School sites. EnviroStor provides similar information to the information that was available in CalSites, and provides additional site information, including, but not limited to, identification of formerly-contaminated properties that have been released for reuse, properties where environmental deed restrictions have been recorded to prevent inappropriate land uses, and risk characterization information that is used to assess potential impacts to public health and the environment at contaminated sites.

A review of the ENVIROSTOR list, as provided by EDR, and dated 10/31/2016 has revealed that there are 2 ENVIROSTOR sites within approximately 1 mile of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
THORNTON BEACH Facility Id: 80000768 Status: No Further Action		SW 1/2 - 1 (0.875 mi.)	53	137
SF NIKE BATTERY 59 Facility Id: 80000677 Status: No Further Action		W 1/2 - 1 (0.905 mi.)	54	138

EXECUTIVE SUMMARY

State and tribal leaking storage tank lists

LUST: Leaking Underground Storage Tank (LUST) Sites included in GeoTracker. GeoTracker is the Water Boards data management system for sites that impact, or have the potential to impact, water quality in California, with emphasis on groundwater.

A review of the LUST list, as provided by EDR, has revealed that there are 10 LUST sites within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
WESTLAKE FRENCH CLEA	***3300 S MAY FAIR AVE***	***SSW 0 - 1/8 (0.035 mi.)***	***B9***	***12***
Database: SAN MATEO CO. LUST, Date of Government Version: 06/09/2016 Global ID: SL0608106505 Facility Id: 229066 Facility Status: 3B- Preliminary Assessment Underway				
ARCO #0465	151 SOUTHGATE AVENUE	SSW 1/8 - 1/4 (0.235 mi.)	G44	95
Database: SAN MATEO CO. LUST, Date of Government Version: 06/09/2016 Database: LUST REG 2, Date of Government Version: 09/30/2004 Database: LUST, Date of Government Version: 12/12/2016 Global Id: T0608100027 Global ID: T0608100027 Status: Open - Remediation Facility Status: Pollution Characterization Facility Id: 220033 Facility Status: 5C- Pollution Characterization				
SOUTHGATE CLEANERS	***183 SOUTHGATE AVE***	***SSW 1/4 - 1/2 (0.270 mi.)***	***48***	***113***
Database: SAN MATEO CO. LUST, Date of Government Version: 06/09/2016 Global ID: SL0608188850 Facility Id: 229067 Facility Status: 3B- Preliminary Assessment Underway				
UNOCAL STATION #3816	***101 SOUTH MAYFAIR AV***	***ENE 1/4 - 1/2 (0.372 mi.)***	***H49***	***121***
Database: LUST, Date of Government Version: 12/12/2016 Global Id: T0608100912 Status: Open - Remediation				
UNION OIL SS#3816	***101 S MAYFAIR AVE***	***ENE 1/4 - 1/2 (0.372 mi.)***	***H50***	***133***
Database: SAN MATEO CO. LUST, Date of Government Version: 06/09/2016 Global ID: T0608100912 Facility Id: 220036 Facility Status: 5C- Pollution Characterization				
UNION OIL SERVICE ST	***101 S MAYFAIR AVE***	***ENE 1/4 - 1/2 (0.372 mi.)***	***H51***	***134***
Database: LUST REG 2, Date of Government Version: 09/30/2004 Facility Status: Pollution Characterization				

Lower Elevation	Address	Direction / Distance	Map ID	Page
CHEVRON	***892 JOHN DALY***	***WNW 0 - 1/8 (0.065 mi.)***	***C24***	***33***
Database: SAN MATEO CO. LUST, Date of Government Version: 06/09/2016 Database: LUST, Date of Government Version: 12/12/2016 Global Id: T0608100148 Global ID: T0608100148 Status: Completed - Case Closed Facility Id: 220028				

Facility Status: 9- Case Closed

DALY CITY WASTEWATER 153 LAKE MERCED NW 1/8 - 1/4 (0.195 mi.) F31 59
Database: LUST REG 2, Date of Government Version: 09/30/2004
Facility Status: Post remedial action monitoring

NORTH SAN MATEO COUN 153 LAKE MERCED BOUL NW 1/8 - 1/4 (0.195 mi.) F33 60
Database: SAN MATEO CO. LUST, Date of Government Version: 06/09/2016
Database: LUST, Date of Government Version: 12/12/2016
Global Id: T0608100181
Global ID: T0608100181
Status: Completed - Case Closed
Facility Id: 220029
Facility Status: 9- Case Closed

DALY CITY FIRE DEPT 151 LAKE MERCED NW 1/8 - 1/4 (0.198 mi.) F39 88
Database: SAN MATEO CO. LUST, Date of Government Version: 06/09/2016
Database: LUST REG 2, Date of Government Version: 09/30/2004
Database: LUST, Date of Government Version: 12/12/2016
Global Id: T0608192697
Global ID: T0608192697
date9: 9/25/2000
Status: Completed - Case Closed
Facility Status: Case Closed
Facility Id: 220044
Facility Status: 9- Case Closed

SLIC: Cleanup Program Sites (CPS; also known as Site Cleanups [SC] and formerly known as Spills, Leaks, Investigations, and Cleanups [SLIC] sites) included in GeoTracker. GeoTracker is the Water Boards data management system for sites that impact, or have the potential to impact, water quality in California, with emphasis on groundwater.

A review of the SLIC list, as provided by EDR, has revealed that there are 2 SLIC sites within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
WESTLAKE FRENCH CLEA	***3300 S MAY FAIR AVE***	***SSW 0 - 1/8 (0.035 mi.)***	***B9***	***12***
Database: SLIC, Date of Government Version: 12/12/2016 Facility Status: Open - Site Assessment Global Id: SL0608106505				
SOUTHGATE CLEANERS	***183 SOUTHGATE AVE***	***SSW 1/4 - 1/2 (0.270 mi.)***	***48***	***113***
Database: SLIC, Date of Government Version: 12/12/2016 Facility Status: Open - Site Assessment Global Id: SL0608188850				

State and tribal registered storage tank lists

UST: The Underground Storage Tank database contains registered USTs. USTs are regulated under Subtitle I of the Resource Conservation and Recovery Act (RCRA). The data come from the State Water Resources Control Board's Hazardous Substance Storage Container Database.

A review of the UST list, as provided by EDR, has revealed that there is 1 UST site within

approximately 0.25 miles of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
DALY CITY WATER TREA	153 LAKE MERCED BLVD	NW 1/8 - 1/4 (0.195 mi.)	F32	59
Database: UST, Date of Government Version: 09/12/2016				
Facility Id: 41-000-220063				

AST: A listing of aboveground storage tank petroleum storage tank locations.

A review of the AST list, as provided by EDR, and dated 07/06/2016 has revealed that there are 2 AST sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
ALLIED WASTE INDUSTR	120 WESTLAKE	SSW 0 - 1/8 (0.041 mi.)	B15	24
PG&E WESTLAKE SUBSTA	PARK PLAZA & FAIRWAY	SSE 1/8 - 1/4 (0.195 mi.)	E37	87

ADDITIONAL ENVIRONMENTAL RECORDS

Local Lists of Landfill / Solid Waste Disposal Sites

SWRCY: A listing of recycling facilities in California.

A review of the SWRCY list, as provided by EDR, and dated 09/12/2016 has revealed that there is 1 SWRCY site within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
REPLANET LLC	***601 WESTLAKE CENTER***	***SSW 0 - 1/8 (0.039 mi.)***	***B12***	***21***
Cert Id: RC237854.001				

Local Lists of Registered Storage Tanks

SWEEPS UST: Statewide Environmental Evaluation and Planning System. This underground storage tank listing was updated and maintained by a company contacted by the SWRCB in the early 1990's. The listing is no longer updated or maintained. The local agency is the contact for more information on a site on the SWEEPS list.

A review of the SWEEPS UST list, as provided by EDR, and dated 06/01/1994 has revealed that there are 4 SWEEPS UST sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
ARCO FACILITY #465	***151 S GATE AVE***	***SSW 1/8 - 1/4 (0.235 mi.)***	***G43***	***91***
Status: A				
Tank Status: A				
Comp Number: 220034				

Lower Elevation	Address	Direction / Distance	Map ID	Page
MARKS CURRY CHEVRON	***892 JOHN DALY BLVD***	***WNW 0 - 1/8 (0.065 mi.)***	***C22***	***30***

Status: A
Tank Status: A
Comp Number: 220014

NO.SM CO. SANITATION	***153 LAKE MERCED BLVD***	***NW 1/8 - 1/4 (0.195 mi.)***	***F36***	***85***
Status: A Tank Status: A Comp Number: 220063				
CITY OF DALY CITY	***151 LAKE MERCED BLVD***	***NW 1/8 - 1/4 (0.198 mi.)***	***F40***	***90***
Status: A Tank Status: A Comp Number: 220068				

HIST UST: Historical UST Registered Database.

A review of the HIST UST list, as provided by EDR, and dated 10/15/1990 has revealed that there are 6 HIST UST sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
ARCO FACILITY #465	***151 S GATE AVE***	***SSW 1/8 - 1/4 (0.235 mi.)***	***G43***	***91***
F A & M J MONTE	151 SOUTHGATE AVE	SSW 1/8 - 1/4 (0.235 mi.)	G45	110
Facility Id: 00000026925				

Lower Elevation	Address	Direction / Distance	Map ID	Page
NORTH SAN MATEO COUN	***153 LAKE MERCED BLVD***	***NW 1/8 - 1/4 (0.195 mi.)***	***F30***	***46***
Facility Id: 00000008940				
SANITATION DISTRICT	153 LAKE MERCED BLVD	NW 1/8 - 1/4 (0.195 mi.)	F34	83
Facility Id: 00000055090				
NORTH SAN MATEO COUN	153 LAKE MERCED DOUL	NW 1/8 - 1/4 (0.195 mi.)	F35	84
STATION NO 1	151 LAKE MERCED BLVD	NW 1/8 - 1/4 (0.198 mi.)	F38	87
Facility Id: 00000053823				

CA FID UST: The Facility Inventory Database contains active and inactive underground storage tank locations. The source is the State Water Resource Control Board.

A review of the CA FID UST list, as provided by EDR, and dated 10/31/1994 has revealed that there are 4 CA FID UST sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
ARCO FACILITY #465	***151 S GATE AVE***	***SSW 1/8 - 1/4 (0.235 mi.)***	***G43***	***91***
Facility Id: 41004837 Status: A				

Lower Elevation	Address	Direction / Distance	Map ID	Page
MARKS CURRY CHEVRON	***892 JOHN DALY BLVD***	***WNW 0 - 1/8 (0.065 mi.)***	***C22***	***30***
Facility Id: 41000163 Status: A				
NO.SM CO. SANITATION	***153 LAKE MERCED BLVD***	***NW 1/8 - 1/4 (0.195 mi.)***	***F36***	***85***

Facility Id: 41000209
Status: A

CITY OF DALY CITY ***151 LAKE MERCED BLVD*** ***NW 1/8 - 1/4 (0.198 mi.)*** ***F40*** ***90***
Facility Id: 41001383
Status: A

Other Ascertainable Records

FUDS: The Listing includes locations of Formerly Used Defense Sites Properties where the US Army Corps Of Engineers is actively working or will take necessary cleanup actions.

A review of the FUDS list, as provided by EDR, and dated 01/31/2015 has revealed that there is 1 FUDS site within approximately 1 mile of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
THORNTON BEACH MILIT		WSW 1/2 - 1 (0.961 mi.)	55	139

Hazardous Materials Business Plan, Hazardous Waste Generator, Underground Storage tanks

A review of the San Mateo Co. BI list, as provided by EDR, and dated 06/02/2016 has revealed that there are 22 San Mateo Co. BI sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
PATRICK K YEE, D.D.S Facility Id: FA0026398	48 PARK PLAZA	SE 0 - 1/8 (0.001 mi.)	1	8
SPRINT Facility Id: FA0040110	345 MAYFAIR	NE 0 - 1/8 (0.020 mi.)	A3	8
MOTO PHOTO Facility Id: FA0005475	311 MAYFAIR	NE 0 - 1/8 (0.023 mi.)	A4	9
SAFEWAY STORE #3031 Facility Id: FA0000690	85 WESTLAKE MALL	SSW 0 - 1/8 (0.034 mi.)	B5	9
CHIPOTLE MEXICAN GRI Facility Id: FA0035251	213 WESTLAKE	SSW 0 - 1/8 (0.035 mi.)	B7	11
WESTLAKE FRENCH CLEA Facility Id: FA0017177	***3300 S MAY FAIR AVE***	***SSW 0 - 1/8 (0.035 mi.)***	***B9***	***12***
ROSS DRESS FOR LESS Facility Id: FA0044797	405 WESTLAKE	SSW 0 - 1/8 (0.037 mi.)	B10	20
SAFEWAY 3031 Facility Id: FA0051422	601 WESTLAKE	SSW 0 - 1/8 (0.039 mi.)	B11	21
PANDA EXPRESS #2212 Facility Id: FA0052738	701 WESTLAKE	SSW 0 - 1/8 (0.040 mi.)	B13	23
TJ MAXX 1112 Facility Id: FA0055408	100 WESTLAKE	SSW 0 - 1/8 (0.041 mi.)	B14	23
PETCO #5303 Facility Id: FA0054740	432 WESTLAKE	SSW 0 - 1/8 (0.043 mi.)	B17	27
THE HOME DEPOT STORE	700 WESTLAKE CENTER	SSW 0 - 1/8 (0.046 mi.)	B19	29

Facility Id: FA0029702				
VERIZON WIRELESS WES Facility Id: FA0058054	251 WESTLAKE CENTER	S 0 - 1/8 (0.053 mi.)	B21	30
PENINSULA DENTAL CEN Facility Id: FA0026437	283 LAKE MERCED	SW 0 - 1/8 (0.115 mi.)	D26	44
WESTLAKE SHOPPING CE Facility Id: FA0023573 Facility Id: FA0028898	285 LAKE MERCED	SW 0 - 1/8 (0.116 mi.)	D27	44
WESTLAKE SHOPPING CE Facility Id: FA0054888	15 SOUTHGATE	SSE 1/8 - 1/4 (0.193 mi.)	E29	46
WESTLAKE SHOPPING CE Facility Id: FA0028088	75 SOUTHGATE	S 1/8 - 1/4 (0.198 mi.)	E41	91
BURLINGTON STORE #18 Facility Id: FA0057880	99 SOUTHGATE	S 1/8 - 1/4 (0.226 mi.)	42	91
ARCO 00465 Facility Id: FA0017151	151 SOUTHGATE	SSW 1/8 - 1/4 (0.235 mi.)	G47	113

Lower Elevation	**Address**	**Direction / Distance**	**Map ID**	**Page**
CHEVRON Facility Id: FA0017133	***892 JOHN DALY***	***WNW 0 - 1/8 (0.065 mi.)***	***C24***	***33***
NORTH SAN MATEO COUN Facility Id: FA0022085 Facility Id: FA0023096	***153 LAKE MERCED BOUL***	***NW 1/8 - 1/4 (0.195 mi.)***	***F33***	***60***
DALY CITY FIRE DEPT Facility Id: FA0008658	***151 LAKE MERCED***	***NW 1/8 - 1/4 (0.198 mi.)***	***F39***	***88***

DRYCLEANERS: A list of drycleaner related facilities that have EPA ID numbers. These are facilities with certain SIC codes: power laundries, family and commercial; garment pressing and cleaners' agents; linen supply; coin-operated laundries and cleaning; drycleaning plants except rugs; carpet and upholster cleaning; industrial launderers; laundry and garment services.

A review of the DRYCLEANERS list, as provided by EDR, and dated 09/02/2016 has revealed that there are 2 DRYCLEANERS sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	**Address**	**Direction / Distance**	**Map ID**	**Page**
WESTLAKE FRENCH CLEA EPA Id: CAL000313740	247 WESTLAKE CTR	SSW 0 - 1/8 (0.035 mi.)	B8	11
WESTLAKE FRENCH CLEA EPA Id: CAL000250246 EPA Id: CAD981634983	***3300 S MAY FAIR AVE***	***SSW 0 - 1/8 (0.035 mi.)***	***B9***	***12***

HIST CORTESE: The sites for the list are designated by the State Water Resource Control Board [LUST], the Integrated Waste Board [SWF/LS], and the Department of Toxic Substances Control [CALSITES]. This listing is no longer updated by the state agency.

A review of the HIST CORTESE list, as provided by EDR, and dated 04/01/2001 has revealed that there

are 4 HIST CORTESE sites within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
ARCO Reg Id: 41-0028	***151 SOUTHGATE***	***SSW 1/8 - 1/4 (0.235 mi.)***	***G46***	***111***
UNOCAL STATION #3816 Reg Id: 41-0998	***101 SOUTH MAYFAIR AV***	***ENE 1/4 - 1/2 (0.372 mi.)***	***H49***	***121***

Lower Elevation	Address	Direction / Distance	Map ID	Page
CHEVRON Reg Id: 41-0156	***892 JOHN DALY***	***WNW 0 - 1/8 (0.065 mi.)***	***C24***	***33***
NORTH SAN MATEO COUN Reg Id: 41-0190	***153 LAKE MERCED BOUL***	***NW 1/8 - 1/4 (0.195 mi.)***	***F33***	***60***

Notify 65: Listings of all Proposition 65 incidents reported to counties by the State Water Resources Control Board and the Regional Water Quality Control Board. This database is no longer updated by the reporting agency.

A review of the Notify 65 list, as provided by EDR, and dated 09/19/2016 has revealed that there is 1 Notify 65 site within approximately 1 mile of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
20011 JUNIPERO SERRA	2001 JUNIPERO SERRA	E 1/2 - 1 (0.623 mi.)	52	137

EDR HIGH RISK HISTORICAL RECORDS

EDR Exclusive Records

EDR Hist Auto: EDR has searched selected national collections of business directories and has collected listings of potential gas station/filling station/service station sites that were available to EDR researchers. EDR's review was limited to those categories of sources that might, in EDR's opinion, include gas station/filling station/service station establishments. The categories reviewed included, but were not limited to gas, gas station, gasoline station, filling station, auto, automobile repair, auto service station, service station, etc. This database falls within a category of information EDR classifies as "High Risk Historical Records", or HRHR. EDR's HRHR effort presents unique and sometimes proprietary data about past sites and operations that typically create environmental concerns, but may not show up in current government records searches.

A review of the EDR Hist Auto list, as provided by EDR, has revealed that there are 3 EDR Hist Auto sites within approximately 0.125 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
Not reported	62 BELMAR AVE	SE 0 - 1/8 (0.052 mi.)	20	30

Lower Elevation	Address	Direction / Distance	Map ID	Page
Not reported	892 JOHN DALY BLVD	WNW 0 - 1/8 (0.065 mi.)	C23	32
Not reported	19 CLIFFSIDE DR	NNW 0 - 1/8 (0.088 mi.)	25	44

EXECUTIVE SUMMARY

EDR Hist Cleaner: EDR has searched selected national collections of business directories and has collected listings of potential dry cleaner sites that were available to EDR researchers. EDR's review was limited to those categories of sources that might, in EDR's opinion, include dry cleaning establishments. The categories reviewed included, but were not limited to dry cleaners, cleaners, laundry, laundromat, cleaning/laundry, wash & dry etc. This database falls within a category of information EDR classifies as "High Risk Historical Records", or HRHR. EDR's HRHR effort presents unique and sometimes proprietary data about past sites and operations that typically create environmental concerns, but may not show up in current government records searches.

A review of the EDR Hist Cleaner list, as provided by EDR, has revealed that there is 1 EDR Hist Cleaner site within approximately 0.125 miles of the target property.

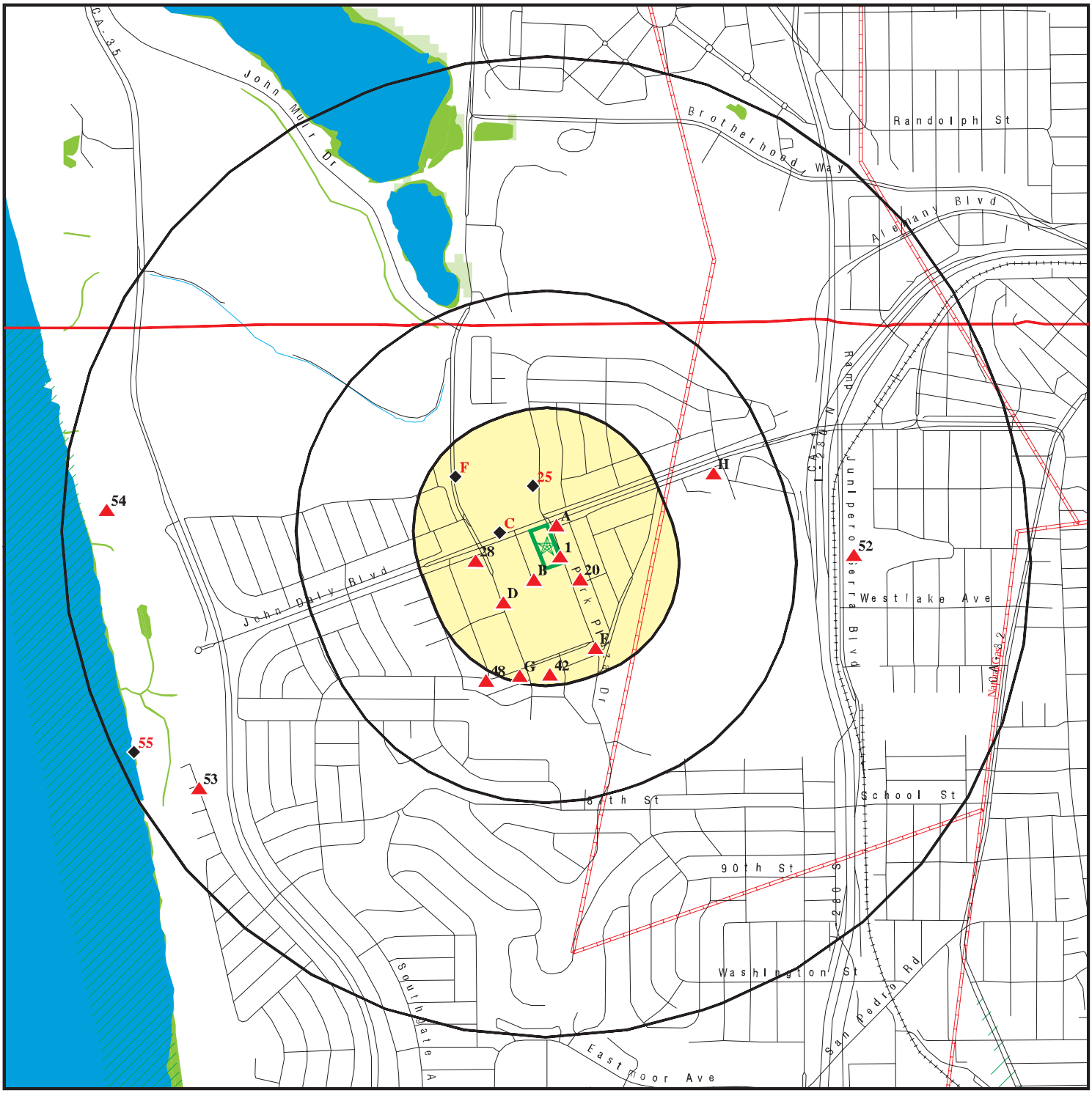
Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
Not reported	330 S MAYFAIR AVE	NNE 0 - 1/8 (0.019 mi.)	A2	8

EXECUTIVE SUMMARY

Due to poor or inadequate address information, the following sites were not mapped. Count: 2 records.

Site Name	Database(s)
WESTLAKE UNION 76	HAZNET
PG&E: WESTLAKE SUBSTATION	FINDS

OVERVIEW MAP - 4851929.2S



0 1/4 1/2 1 Miles

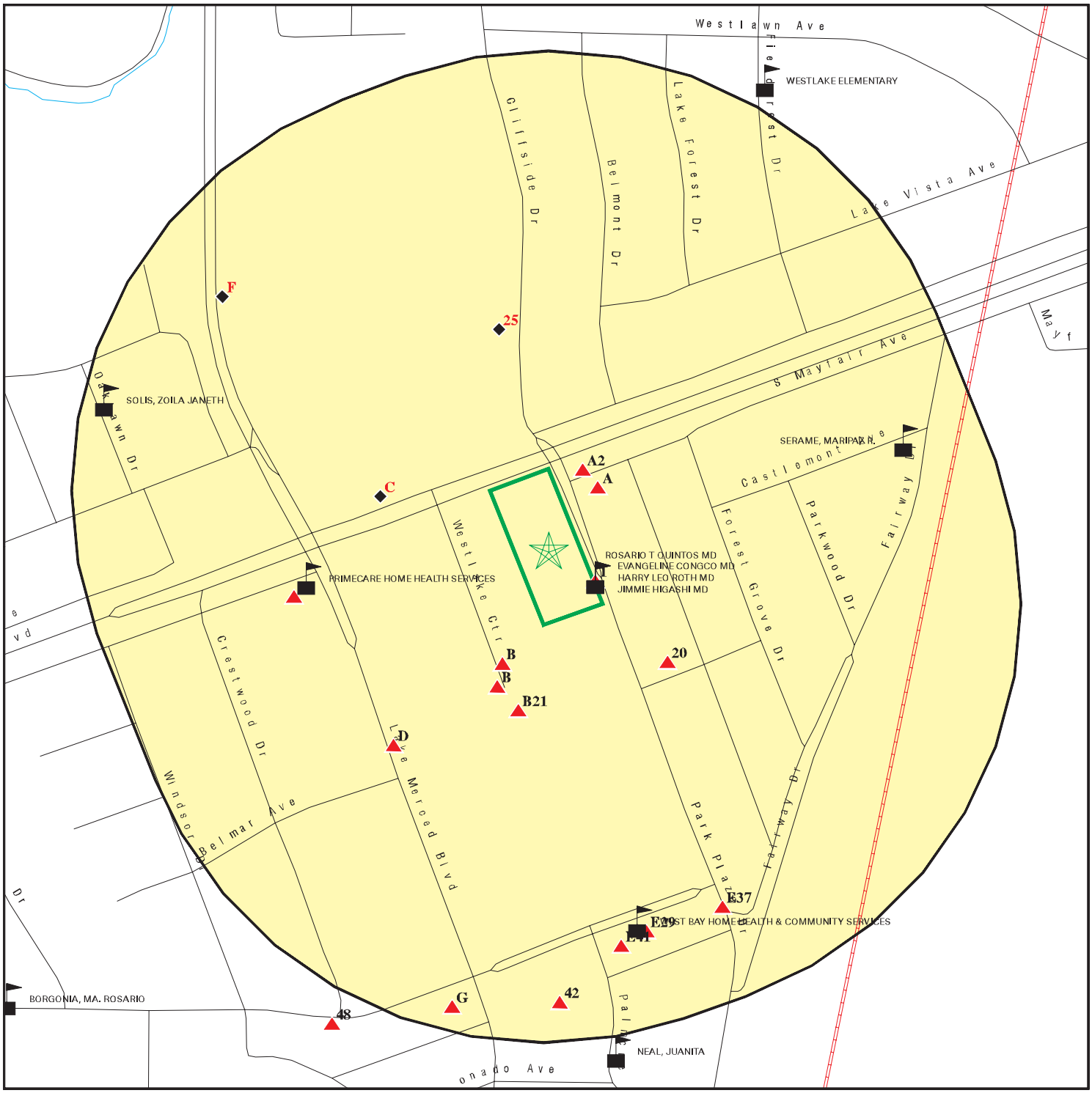
- Target Property
- Sites at elevations higher than or equal to the target property
- Sites at elevations lower than the target property
- Manufactured Gas Plants
- National Priority List Sites
- Dept. Defense Sites
- Indian Reservations BIA
- County Boundary
- Pipelines
- 100-year flood zone
- 500-year flood zone
- National Wetland Inventory
- State Wetlands
- Areas of Concern

This report includes Interactive Map Layers to display and/or hide map information. The legend includes only those icons for the default map view.

SITE NAME: Westlake Center ADDRESS: Westlake Center Daly City CA 94015 LAT/LONG: 37.70133 / 122.482253	CLIENT: Roux Associates Inc CONTACT: Gabe Matson INQUIRY #: 4851929.2s DATE: February 10, 2017 7:54 pm

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DETAIL MAP - 4851929.2S



0 1/16 1/8 1/4 Miles

- Target Property
- Sites at elevations higher than or equal to the target property
- Sites at elevations lower than the target property
- Manufactured Gas Plants
- Sensitive Receptors
- National Priority List Sites
- Dept. Defense Sites
- Indian Reservations BIA
- Pipelines
- 100-year flood zone
- 500-year flood zone
- Areas of Concern

This report includes Interactive Map Layers to display and/or hide map information. The legend includes only those icons for the default map view.

SITE NAME: Westlake Center	CLIENT: Roux Associates Inc
ADDRESS: Westlake Center Daly City CA 94015	CONTACT: Gabe Matson
LAT/LONG: 37.70133 / 122.482253	INQUIRY #: 4851929.2s DATE: February 10, 2017 7:55 pm

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MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
STANDARD ENVIRONMENTAL RECORDS								
Federal NPL site list								
NPL	1.000		0	0	0	0	NR	0
Proposed NPL	1.000		0	0	0	0	NR	0
NPL LIENS	0.001		0	NR	NR	NR	NR	0
Federal Delisted NPL site list								
Delisted NPL	1.000		0	0	0	0	NR	0
Federal CERCLIS list								
FEDERAL FACILITY	0.500		0	0	0	NR	NR	0
SEMS	0.500		0	0	0	NR	NR	0
Federal CERCLIS NFRAP site list								
SEMS-ARCHIVE	0.500		0	0	0	NR	NR	0
Federal RCRA CORRACTS facilities list								
CORRACTS	1.000		0	0	0	0	NR	0
Federal RCRA non-CORRACTS TSD facilities list								
RCRA-TSDF	0.500		0	0	0	NR	NR	0
Federal RCRA generators list								
RCRA-LQG	0.250		0	0	NR	NR	NR	0
RCRA-SQG	0.250		3	1	NR	NR	NR	4
RCRA-CESQG	0.250		1	0	NR	NR	NR	1
Federal institutional controls / engineering controls registries								
LUCIS	0.500		0	0	0	NR	NR	0
US ENG CONTROLS	0.500		0	0	0	NR	NR	0
US INST CONTROL	0.500		0	0	0	NR	NR	0
Federal ERNS list								
ERNS	0.001		0	NR	NR	NR	NR	0
State- and tribal - equivalent NPL								
RESPONSE	1.000		0	0	0	0	NR	0
State- and tribal - equivalent CERCLIS								
ENVIROSTOR	1.000		0	0	0	2	NR	2
State and tribal landfill and/or solid waste disposal site lists								
SWF/LF	0.500		0	0	0	NR	NR	0
State and tribal leaking storage tank lists								
LUST	0.500		2	4	4	NR	NR	10

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
INDIAN LUST	0.500		0	0	0	NR	NR	0
SLIC	0.500		1	0	1	NR	NR	2
State and tribal registered storage tank lists								
FEMA UST	0.250		0	0	NR	NR	NR	0
UST	0.250		0	1	NR	NR	NR	1
AST	0.250		1	1	NR	NR	NR	2
INDIAN UST	0.250		0	0	NR	NR	NR	0
State and tribal voluntary cleanup sites								
VCP	0.500		0	0	0	NR	NR	0
INDIAN VCP	0.500		0	0	0	NR	NR	0
State and tribal Brownfields sites								
BROWNFIELDS	0.500		0	0	0	NR	NR	0
ADDITIONAL ENVIRONMENTAL RECORDS								
Local Brownfield lists								
US BROWNFIELDS	0.500		0	0	0	NR	NR	0
Local Lists of Landfill / Solid Waste Disposal Sites								
WMUDS/SWAT	0.500		0	0	0	NR	NR	0
SWRCY	0.500		1	0	0	NR	NR	1
HAULERS	0.001		0	NR	NR	NR	NR	0
INDIAN ODI	0.500		0	0	0	NR	NR	0
DEBRIS REGION 9	0.500		0	0	0	NR	NR	0
ODI	0.500		0	0	0	NR	NR	0
IHS OPEN DUMPS	0.500		0	0	0	NR	NR	0
Local Lists of Hazardous waste / Contaminated Sites								
US HIST CDL	0.001		0	NR	NR	NR	NR	0
HIST Cal-Sites	1.000		0	0	0	0	NR	0
SCH	0.250		0	0	NR	NR	NR	0
CDL	0.001		0	NR	NR	NR	NR	0
Toxic Pits	1.000		0	0	0	0	NR	0
US CDL	0.001		0	NR	NR	NR	NR	0
Local Lists of Registered Storage Tanks								
SWEEPS UST	0.250		1	3	NR	NR	NR	4
HIST UST	0.250		0	6	NR	NR	NR	6
CA FID UST	0.250		1	3	NR	NR	NR	4
Local Land Records								
LIENS	0.001		0	NR	NR	NR	NR	0
LIENS 2	0.001		0	NR	NR	NR	NR	0
DEED	0.500		0	0	0	NR	NR	0
Records of Emergency Release Reports								
HMIRS	0.001		0	NR	NR	NR	NR	0

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
CHMIRS	0.001		0	NR	NR	NR	NR	0
LDS	0.001		0	NR	NR	NR	NR	0
MCS	0.001		0	NR	NR	NR	NR	0
SPILLS 90	0.001		0	NR	NR	NR	NR	0
Other Ascertainable Records								
RCRA NonGen / NLR	0.250		0	0	NR	NR	NR	0
FUDS	1.000		0	0	0	1	NR	1
DOD	1.000		0	0	0	0	NR	0
SCRD DRYCLEANERS	0.500		0	0	0	NR	NR	0
US FIN ASSUR	0.001		0	NR	NR	NR	NR	0
EPA WATCH LIST	0.001		0	NR	NR	NR	NR	0
2020 COR ACTION	0.250		0	0	NR	NR	NR	0
TSCA	0.001		0	NR	NR	NR	NR	0
TRIS	0.001		0	NR	NR	NR	NR	0
SSTS	0.001		0	NR	NR	NR	NR	0
ROD	1.000		0	0	0	0	NR	0
RMP	0.001		0	NR	NR	NR	NR	0
RAATS	0.001		0	NR	NR	NR	NR	0
PRP	0.001		0	NR	NR	NR	NR	0
PADS	0.001		0	NR	NR	NR	NR	0
ICIS	0.001		0	NR	NR	NR	NR	0
FTTS	0.001		0	NR	NR	NR	NR	0
MLTS	0.001		0	NR	NR	NR	NR	0
COAL ASH DOE	0.001		0	NR	NR	NR	NR	0
COAL ASH EPA	0.500		0	0	0	NR	NR	0
PCB TRANSFORMER	0.001		0	NR	NR	NR	NR	0
RADINFO	0.001		0	NR	NR	NR	NR	0
HIST FTTS	0.001		0	NR	NR	NR	NR	0
DOT OPS	0.001		0	NR	NR	NR	NR	0
CONSENT	1.000		0	0	0	0	NR	0
INDIAN RESERV	0.001		0	NR	NR	NR	NR	0
FUSRAP	1.000		0	0	0	0	NR	0
UMTRA	0.500		0	0	0	NR	NR	0
LEAD SMELTERS	0.001		0	NR	NR	NR	NR	0
US AIRS	0.001		0	NR	NR	NR	NR	0
US MINES	0.250		0	0	NR	NR	NR	0
FINDS	0.001		0	NR	NR	NR	NR	0
DOCKET HWC	0.001		0	NR	NR	NR	NR	0
UXO	1.000		0	0	0	0	NR	0
CA BOND EXP. PLAN	1.000		0	0	0	0	NR	0
San Mateo Co. BI	0.250		16	6	NR	NR	NR	22
Cortese	0.500		0	0	0	NR	NR	0
CUPA Listings	0.250		0	0	NR	NR	NR	0
DRYCLEANERS	0.250		2	0	NR	NR	NR	2
EMI	0.001		0	NR	NR	NR	NR	0
ENF	0.001		0	NR	NR	NR	NR	0
Financial Assurance	0.001		0	NR	NR	NR	NR	0
HAZNET	0.001		0	NR	NR	NR	NR	0
ICE	0.001		0	NR	NR	NR	NR	0
HIST CORTESE	0.500		1	2	1	NR	NR	4

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
HWP	1.000		0	0	0	0	NR	0
HWT	0.250		0	0	NR	NR	NR	0
MINES	0.001		0	NR	NR	NR	NR	0
MWMP	0.250		0	0	NR	NR	NR	0
NPDES	0.001		0	NR	NR	NR	NR	0
PEST LIC	0.001		0	NR	NR	NR	NR	0
PROC	0.500		0	0	0	NR	NR	0
Notify 65	1.000		0	0	0	1	NR	1
UIC	0.001		0	NR	NR	NR	NR	0
WASTEWATER PITS	0.500		0	0	0	NR	NR	0
WDS	0.001		0	NR	NR	NR	NR	0
WIP	0.250		0	0	NR	NR	NR	0
ABANDONED MINES	0.001		0	NR	NR	NR	NR	0
FUELS PROGRAM	0.250		0	0	NR	NR	NR	0
ECHO	0.001		0	NR	NR	NR	NR	0
EDR HIGH RISK HISTORICAL RECORDS								
EDR Exclusive Records								
EDR MGP	1.000		0	0	0	0	NR	0
EDR Hist Auto	0.125		3	NR	NR	NR	NR	3
EDR Hist Cleaner	0.125		1	NR	NR	NR	NR	1
EDR RECOVERED GOVERNMENT ARCHIVES								
Exclusive Recovered Govt. Archives								
RGA LF	0.001		0	NR	NR	NR	NR	0
RGA LUST	0.001		0	NR	NR	NR	NR	0
- Totals --		0	34	27	6	4	0	71

NOTES:

TP = Target Property

NR = Not Requested at this Search Distance

Sites may be listed in more than one database

1
SE
< 1/8
0.001 mi.
6 ft.

PATRICK K YEE, D.D.S.
48 PARK PLAZA
DALY CITY, CA 94015

San Mateo Co. BI **S108054723**
N/A

Relative:
Higher

Actual:
96 ft.

San Mateo Co. BI:

Region:	SAN MATEO
Facility ID:	FA0026398
Prog Element Code:	GENERATES <27 GAL/YEAR
Record Id:	PR0050805
Description:	GENERATES <27 GAL/YEAR
Facility Status:	INACTIVE

A2
NNE
< 1/8
0.019 mi.
101 ft.

330 S MAYFAIR AVE
DALY CITY, CA 94015
Site 1 of 3 in cluster A

EDR Hist Cleaner **1015044415**
N/A

Relative:
Higher

Actual:
90 ft.

EDR Historical Cleaners:

Name:	WESTLAKE FRENCH CLEANERS
Year:	2001
Address:	330 S MAYFAIR AVE
Name:	WESTLAKE FRENCH CLEANERS
Year:	2002
Address:	330 S MAYFAIR AVE
Name:	WESTLAKE FRENCH CLEANERS
Year:	2003
Address:	330 S MAYFAIR AVE
Name:	WESTLAKE FRENCH CLEANERS
Year:	2006
Address:	330 S MAYFAIR AVE

A3
NE
< 1/8
0.020 mi.
104 ft.

SPRINT
345 MAYFAIR
DALY CITY, CA 94015
Site 2 of 3 in cluster A

San Mateo Co. BI **S109280335**
N/A

Relative:
Higher

Actual:
93 ft.

San Mateo Co. BI:

Region:	SAN MATEO
Facility ID:	FA0040110
Prog Element Code:	STORES HAZ MAT <1,199GAL,9,999LB,4,799FT3
Record Id:	PR0056042
Description:	STORES HAZ MAT <1,199GAL,9,999LB,4,799CF
Facility Status:	INACTIVE

A4 **MOTO PHOTO** **San Mateo Co. BI** **S106981030**
NE **311 MAYFAIR** **N/A**
< 1/8 **DALY CITY, CA 94015**
0.023 mi.
124 ft. **Site 3 of 3 in cluster A**

Relative:
Higher

Actual:
94 ft.

San Mateo Co. BI:

Region:	SAN MATEO
Facility ID:	FA0005475
Prog Element Code:	GENERATES and RECYCLES WASTE OIL/SOLVENT
Record Id:	PR0025230
Description:	GENERATES & RECYCLES WASTE OIL/SOLVENT
Facility Status:	INACTIVE

Region:	SAN MATEO
Facility ID:	FA0005475
Prog Element Code:	STORES HAZ MAT <1,199GAL,9,999LB,4,799FT3
Record Id:	PR0003621
Description:	STORES HAZ MAT <1,199GAL,9,999LB,4,799CF
Facility Status:	INACTIVE

B5 **SAFEWAY STORE #3031** **San Mateo Co. BI** **S102791139**
SSW **85 WESTLAKE MALL** **N/A**
< 1/8 **DALY CITY, CA 94015**
0.034 mi.
178 ft. **Site 1 of 16 in cluster B**

Relative:
Higher

Actual:
90 ft.

San Mateo Co. BI:

Region:	SAN MATEO
Facility ID:	FA0000690
Prog Element Code:	GENERATES and RECYCLES WASTE OIL/SOLVENT
Record Id:	PR0024557
Description:	GENERATES & RECYCLES WASTE OIL/SOLVENT
Facility Status:	INACTIVE

Region:	SAN MATEO
Facility ID:	FA0000690
Prog Element Code:	STORES HAZ MAT <219GAL,1,999LB, 879FT3
Record Id:	PR0024558
Description:	STORES HAZ MAT <219GAL,1,999LB, 879CF
Facility Status:	INACTIVE

B6 **SAFEWAY NO 3031** **RCRA-SQG** **1000856917**
SSW **85 WESTLAKE MALL** **FINDS** **CA0000001784**
< 1/8 **DALY CITY, CA 94015** **ECHO**
0.034 mi.
178 ft. **Site 2 of 16 in cluster B**

Relative:
Higher

Actual:
90 ft.

RCRA-SQG:

Date form received by agency:	09/20/1993
Facility name:	SAFEWAY NO 3031
Facility address:	85 WESTLAKE MALL DALY CITY, CA 94015
EPA ID:	CA0000001784
Mailing address:	WESTLAKE MALL DALY CITY, CA 94015
Contact:	WOODY CLIFFORD
Contact address:	85 WESTLAKE MALL

SAFEWAY NO 3031 (Continued) **1000856917**

DALY CITY, CA 94015
Contact country: US
Contact telephone: (415) 755-0576
Contact email: Not reported
EPA Region: 09
Classification: Small Small Quantity Generator
Description: Handler: generates more than 100 and less than 1000 kg of hazardous waste during any calendar month and accumulates less than 6000 kg of hazardous waste at any time; or generates 100 kg or less of hazardous waste during any calendar month, and accumulates more than 1000 kg of hazardous waste at any time

Owner/Operator Summary:
Owner/operator name: SAFEWAY
Owner/operator address: 47400 KATO RD
FREMONT, CA 94538
Owner/operator country: Not reported
Owner/operator telephone: (510) 498-2011
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Handler Activities Summary:
U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Violation Status: No violations found

FINDS:

Registry ID: 110002610185

Environmental Interest/Information System
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

ECHO:

SAFEWAY NO 3031 (Continued) **1000856917**

Envid: 1000856917
Registry ID: 110002610185
DFR URL: http://echo.epa.gov/detailed_facility_report?fid=110002610185

B7 **CHIPOTLE MEXICAN GRILL #1102** **San Mateo Co. BI** **S117040490**
SSW **213 WESTLAKE** **N/A**
< 1/8 **DALY CITY, CA 94015**
0.035 mi.
183 ft. **Site 3 of 16 in cluster B**

Relative:
Higher

Actual:
91 ft.

San Mateo Co. BI:
Region: SAN MATEO
Facility ID: FA0035251
Prog Element Code: STORES MV FUELS OR WASTE ONLY
Record Id: PR0077151
Description: STORES MV FUELS OR WASTE ONLY
Facility Status: ACTIVE

B8 **WESTLAKE FRENCH CLEANERS** **DRYCLEANERS** **S108541413**
SSW **247 WESTLAKE CTR** **N/A**
< 1/8 **DALY CITY, CA 94015**
0.035 mi.
185 ft. **Site 4 of 16 in cluster B**

Relative:
Higher

Actual:
91 ft.

DRYCLEANERS:
EPA Id: CAL000313740
NAICS Code: 81232
NAICS Description: Drycleaning and Laundry Services (except Coin-Operated)
SIC Code: 7211
SIC Description: Power Laundries, Family and Commercial
Create Date: 11/27/2006
Facility Active: No
Inactive Date: 06/30/2009
Facility Addr2: Not reported
Owner Name: EUI SIK LEE/SO YOUNG PAIK
Owner Address: 247 WESTLAKE CENTER
Owner Address 2: Not reported
Owner Telephone: 6507551700
Contact Name: EUI SIK LEE
Contact Address: 247 WESTLAKE CENTER
Contact Address 2: Not reported
Contact Telephone: 6507551700
Mailing Name: Not reported
Mailing Address 1: 247 WESTLAKE CENTER
Mailing Address 2: Not reported
Mailing City: DALY CITY
Mailing State: CA
Mailing Zip: 940151430
Owner Fax: Not reported
Region Code: 2

B9
SSW
< 1/8
0.035 mi.
185 ft.

Relative:
Higher

Actual:
91 ft.

WESTLAKE FRENCH CLEANERS
3300 S MAY FAIR AVE
DALY CITY, CA 94015

Site 5 of 16 in cluster B

Database(s): RCRA-SQG, LUST, SLIC, FINDS, San Mateo Co. BI, DRYCLEANERS, EMI, ECHO

EDR ID Number: 1000414067
EPA ID Number: CAD981634983

RCRA-SQG:

Date form received by agency:	09/01/1996
Facility name:	WESTLAKE FRENCH CLEANERS
Facility address:	3300 S MAY FAIR AVE DALY CITY, CA 94015
EPA ID:	CAD981634983
Mailing address:	330 S MAY FAIR AVE DALY CITY, CA 94015
Contact:	Not reported
Contact address:	Not reported Not reported
Contact country:	US
Contact telephone:	Not reported
Contact email:	Not reported
EPA Region:	09
Classification:	Small Small Quantity Generator
Description:	Handler: generates more than 100 and less than 1000 kg of hazardous waste during any calendar month and accumulates less than 6000 kg of hazardous waste at any time; or generates 100 kg or less of hazardous waste during any calendar month, and accumulates more than 1000 kg of hazardous waste at any time

Owner/Operator Summary:

Owner/operator name:	NOT REQUIRED
Owner/operator address:	NOT REQUIRED NOT REQUIRED, ME 99999
Owner/operator country:	Not reported
Owner/operator telephone:	(415) 555-1212
Legal status:	Private
Owner/Operator Type:	Operator
Owner/Op start date:	Not reported
Owner/Op end date:	Not reported

Owner/operator name:	KIM CHUL
Owner/operator address:	NOT REQUIRED NOT REQUIRED, ME 99999
Owner/operator country:	Not reported
Owner/operator telephone:	(415) 555-1212
Legal status:	Private
Owner/Operator Type:	Owner
Owner/Op start date:	Not reported
Owner/Op end date:	Not reported

Handler Activities Summary:

U.S. importer of hazardous waste:	No
Mixed waste (haz. and radioactive):	No
Recycler of hazardous waste:	No
Transporter of hazardous waste:	No
Treater, storer or disposer of HW:	No

WESTLAKE FRENCH CLEANERS (Continued) **1000414067**

Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Historical Generators:
Date form received by agency: 12/16/1986
Site name: WESTLAKE FRENCH CLEANERS
Classification: Large Quantity Generator

Violation Status: No violations found

SAN MATEO CO. LUST:
Region: SAN MATEO
Facility ID: 229066
Facility Status: 3B- Preliminary Assessment Underway
Global ID: SL0608106505
APN Number: 002170230
Case Type: SAN MATEO CO. LUST
EDR Link ID: SAN MATEO CO. LUST

SLIC:
Region: STATE
Facility Status: **Open - Site Assessment**
Status Date: 06/04/2008
Global Id: SL0608106505
Lead Agency: SAN MATEO COUNTY LOP
Lead Agency Case Number: 229066
Latitude: 37.7010991571514
Longitude: -122.482081285706
Case Type: Cleanup Program Site
Case Worker: JM
Local Agency: SAN MATEO COUNTY LOP
RB Case Number: Not reported
File Location: Local Agency
Potential Media Affected: Soil
Potential Contaminants of Concern: Tetrachloroethylene (PCE)
Site History: Can be extracted from most recent report in Geotracker or at San Mateo County offices if submitted prior to 2005, San Mateo County does not take responsibility for the accuracy of the statements made or any professional interpretations made in the referenced report.

Click here to access the California GeoTracker records for this facility:

FINDS:

Registry ID: 110064128153

Environmental Interest/Information System
RCRAInfo is a national information system that supports the Resource

WESTLAKE FRENCH CLEANERS (Continued) **1000414067**

Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

San Mateo Co. BI:

Region:	SAN MATEO
Facility ID:	FA0017177
Prog Element Code:	GENERATES and RECYCLES WASTE OIL/SOLVENT
Record Id:	PR0026614
Description:	GENERATES & RECYCLES WASTE OIL/SOLVENT
Facility Status:	INACTIVE

Region:	SAN MATEO
Facility ID:	FA0017177
Prog Element Code:	STORES HAZ MAT <219GAL,1,999LB, 879FT3
Record Id:	PR0003665
Description:	STORES HAZ MAT <219GAL,1,999LB, 879CF
Facility Status:	INACTIVE

DRYCLEANERS:

EPA Id:	CAL000250246
NAICS Code:	81232
NAICS Description:	Drycleaning and Laundry Services (except Coin-Operated)
SIC Code:	7211
SIC Description:	Power Laundries, Family and Commercial
Create Date:	04/16/2002
Facility Active:	No
Inactive Date:	06/30/2002
Facility Addr2:	Not reported
Owner Name:	SU YOUNG LEE PECK
Owner Address:	330 S MAYFAIR AVE
Owner Address 2:	Not reported
Owner Telephone:	6507551700
Contact Name:	SHARON ADLER
Contact Address:	330 S MAYFAIR AVE
Contact Address 2:	Not reported
Contact Telephone:	6507551700
Mailing Name:	Not reported
Mailing Address 1:	330 S MAYFAIR AVE
Mailing Address 2:	Not reported
Mailing City:	DALY CITY
Mailing State:	CA
Mailing Zip:	940151404
Owner Fax:	Not reported
Region Code:	2

EPA Id:	CAD981634983
NAICS Code:	81232
NAICS Description:	Drycleaning and Laundry Services (except Coin-Operated)
SIC Code:	7211
SIC Description:	Power Laundries, Family and Commercial
Create Date:	07/03/1987
Facility Active:	No

WESTLAKE FRENCH CLEANERS (Continued) **1000414067**

Inactive Date:	06/30/2005
Facility Addr2:	Not reported
Owner Name:	SO YOUNG PAIK
Owner Address:	330 SOUTH MAYFAIR AVE
Owner Address 2:	Not reported
Owner Telephone:	6507551700
Contact Name:	EUI SIK LEE/MANAGER
Contact Address:	330 SOUTH MAYFAIR AVE
Contact Address 2:	Not reported
Contact Telephone:	6507551700
Mailing Name:	Not reported
Mailing Address 1:	330 S MAYFAIR AVE
Mailing Address 2:	Not reported
Mailing City:	DALY CITY
Mailing State:	CA
Mailing Zip:	940151404
Owner Fax:	Not reported
Region Code:	2

EMI:

Year:	1987
County Code:	41
Air Basin:	SF
Facility ID:	301
Air District Name:	BA
SIC Code:	7216
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	2
Reactive Organic Gases Tons/Yr:	0
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

Year:	1990
County Code:	41
Air Basin:	SF
Facility ID:	301
Air District Name:	BA
SIC Code:	7216
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	1
Reactive Organic Gases Tons/Yr:	0
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

Year:	1995
County Code:	41
Air Basin:	SF

WESTLAKE FRENCH CLEANERS (Continued) **1000414067**

Facility ID:	301
Air District Name:	BA
SIC Code:	7216
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	1
Reactive Organic Gases Tons/Yr:	0
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

Year:	1996
County Code:	41
Air Basin:	SF
Facility ID:	301
Air District Name:	BA
SIC Code:	7216
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0
Reactive Organic Gases Tons/Yr:	0
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

Year:	1997
County Code:	41
Air Basin:	SF
Facility ID:	301
Air District Name:	BA
SIC Code:	7216
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0
Reactive Organic Gases Tons/Yr:	0
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

Year:	1998
County Code:	41
Air Basin:	SF
Facility ID:	301
Air District Name:	BA
SIC Code:	7216
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported

WESTLAKE FRENCH CLEANERS (Continued) **1000414067**

Total Organic Hydrocarbon Gases Tons/Yr:	0
Reactive Organic Gases Tons/Yr:	0
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

Year:	1999
County Code:	41
Air Basin:	SF
Facility ID:	301
Air District Name:	BA
SIC Code:	7216
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0
Reactive Organic Gases Tons/Yr:	0
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

Year:	2000
County Code:	41
Air Basin:	SF
Facility ID:	301
Air District Name:	BA
SIC Code:	7216
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0
Reactive Organic Gases Tons/Yr:	0
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

Year:	2001
County Code:	41
Air Basin:	SF
Facility ID:	301
Air District Name:	BA
SIC Code:	7216
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0
Reactive Organic Gases Tons/Yr:	0
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0

WESTLAKE FRENCH CLEANERS (Continued) **1000414067**

Part. Matter 10 Micrometers and Smllr Tons/Yr:0

Year:	2002
County Code:	41
Air Basin:	SF
Facility ID:	301
Air District Name:	BA
SIC Code:	7216
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0
Reactive Organic Gases Tons/Yr:	0
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0

Part. Matter 10 Micrometers and Smllr Tons/Yr:0

Year:	2003
County Code:	41
Air Basin:	SF
Facility ID:	301
Air District Name:	BA
SIC Code:	7216
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0
Reactive Organic Gases Tons/Yr:	0
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0

Part. Matter 10 Micrometers and Smllr Tons/Yr:0

Year:	2004
County Code:	41
Air Basin:	SF
Facility ID:	15782
Air District Name:	BA
SIC Code:	7216
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0.238
Reactive Organic Gases Tons/Yr:	0
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0

Part. Matter 10 Micrometers and Smllr Tons/Yr:0

Year:	2005
County Code:	41
Air Basin:	SF
Facility ID:	15782

WESTLAKE FRENCH CLEANERS (Continued) **1000414067**

Air District Name:	BA
SIC Code:	7216
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0
Reactive Organic Gases Tons/Yr:	0
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

Year:	2006
County Code:	41
Air Basin:	SF
Facility ID:	15782
Air District Name:	BA
SIC Code:	7216
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	.221
Reactive Organic Gases Tons/Yr:	0
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

Year:	2007
County Code:	41
Air Basin:	SF
Facility ID:	15782
Air District Name:	BA
SIC Code:	7216
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	.238
Reactive Organic Gases Tons/Yr:	.1662668
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

Year:	2008
County Code:	41
Air Basin:	SF
Facility ID:	15782
Air District Name:	BA
SIC Code:	7216
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	.238

WESTLAKE FRENCH CLEANERS (Continued) **1000414067**

Reactive Organic Gases Tons/Yr:	0
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

Year:	2009
County Code:	41
Air Basin:	SF
Facility ID:	15782
Air District Name:	BA
SIC Code:	7216
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0.23799999999999999
Reactive Organic Gases Tons/Yr:	0
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

Year:	2010
County Code:	41
Air Basin:	SF
Facility ID:	15782
Air District Name:	BA
SIC Code:	7216
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0.23799999999999999
Reactive Organic Gases Tons/Yr:	0.16626679999999999
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

ECHO:

Envid:	1000414067
Registry ID:	110064128153
DFR URL:	http://echo.epa.gov/detailed_facility_report?fid=110064128153

B10 **ROSS DRESS FOR LESS #1355** **San Mateo Co. BI** **S117398546**
SSW **405 WESTLAKE** **N/A**
< 1/8 **DALY CITY, CA 94015**
0.037 mi.
193 ft. **Site 6 of 16 in cluster B**

Relative:
Higher

Actual:
91 ft.

San Mateo Co. BI:

Region:	SAN MATEO
Facility ID:	FA0044797
Prog Element Code:	GENERATES <27 GAL/YEAR
Record Id:	PR0078115

ROSS DRESS FOR LESS #1355 (Continued) **S117398546**

Description: GENERATES <27 GAL/YEAR
Facility Status: ACTIVE

B11
SSW
< 1/8
0.039 mi.
204 ft.

SAFEWAY 3031
601 WESTLAKE
DALY CITY, CA 94015

San Mateo Co. BI **S117976155** **N/A**

Site 7 of 16 in cluster B

Relative: Higher

Actual: 91 ft.

San Mateo Co. BI:
Region: SAN MATEO
Facility ID: FA0051422
Prog Element Code: GENERATES <27 GAL/YEAR
Record Id: PR0071286
Description: GENERATES <27 GAL/YEAR
Facility Status: ACTIVE

Region: SAN MATEO
Facility ID: FA0051422
Prog Element Code: STORES HAZ MAT <219GAL,1,999LB, 879FT3
Record Id: PR0073516
Description: STORES HAZ MAT <219GAL,1,999LB, 879CF
Facility Status: ACTIVE

B12
SSW
< 1/8
0.039 mi.
204 ft.

REPLANET LLC
601 WESTLAKE CENTER
DALY CITY, CA 94015

SWRCY **S117708938**
NPDES **N/A**

Site 8 of 16 in cluster B

Relative: Higher

Actual: 91 ft.

SWRCY:
Reg Id: 237854
Cert Id: RC237854.001
Mailing Address: 800 N Haven Ave Suite 120
Mailing City: Ontario
Mailing State: CA
Mailing Zip Code: 91764
Website: http://www.replanet.com
Email: Not reported
Phone Number: (877) 737-5263
Grand Father: N
Rural: N
Operation Begin Date: 12/01/2015
Aluminium: Y
Glass: Y
Plastic: Y
Bimetal: Y
Agency: N/A
Monday Hours Of Operation: 10:00 am - 4:30 pm; Closed 1:00 pm - 1:30 pm
Tuesday Hours Of Operation: 10:00 am - 4:30 pm; Closed 1:00 pm - 1:30 pm
Wednesday Hours Of Operation: CLOSED
Thursday Hours Of Operation: CLOSED
Friday Hours Of Operation: 10:00 am - 4:30 pm; Closed 1:00 pm - 1:30 pm
Saturday Hours Of Operation: 9:00 am - 3:30 pm; Closed 1:00 pm - 1:30 pm
Sunday Hours Of Operation: 9:00 am - 3:30 pm; Closed 1:00 pm - 1:30 pm
Organization ID: 151891

REPLANET LLC (Continued) **S117708938**

Organization Name: rePlanet LLC

NPDES:

Npdes Number:	Not reported
Facility Status:	Not reported
Agency Id:	Not reported
Region:	2
Regulatory Measure Id:	403960
Order No:	Not reported
Regulatory Measure Type:	Construction
Place Id:	Not reported
WDID:	2 41C358510
Program Type:	Not reported
Adoption Date Of Regulatory Measure:	Not reported
Effective Date Of Regulatory Measure:	Not reported
Expiration Date Of Regulatory Measure:	Not reported
Termination Date Of Regulatory Measure:	10/7/2011
Discharge Name:	Not reported
Discharge Address:	Not reported
Discharge City:	Not reported
Discharge State:	Not reported
Discharge Zip:	Not reported
RECEIVED DATE:	Not reported
PROCESSED DATE:	6/15/2010
STATUS CODE NAME:	Terminated
STATUS DATE:	10/7/2011
PLACE SIZE:	3.92
PLACE SIZE UNIT:	52
FACILITY CONTACT NAME:	Bill Herington
FACILITY CONTACT TITLE:	Not reported
FACILITY CONTACT PHONE:	510-816-3224
FACILITY CONTACT PHONE EXT:	Not reported
FACILITY CONTACT EMAIL:	Bill.Herington@safeway.com
OPERATOR NAME:	Safeway inc
OPERATOR ADDRESS:	5918 Stoneridge Mall Rd
OPERATOR CITY:	Pleasanton
OPERATOR STATE:	California
OPERATOR ZIP:	94588
OPERATOR CONTACT NAME:	Bill Herington
OPERATOR CONTACT TITLE:	Not reported
OPERATOR CONTACT PHONE:	510-816-3224
OPERATOR CONTACT PHONE EXT:	Not reported
OPERATOR CONTACT EMAIL:	Bill.Herington@safeway.com
OPERATOR TYPE:	Private Business
DEVELOPER NAME:	Safeway Inc
DEVELOPER ADDRESS:	5918 Stoneridge Mall Rd
DEVELOPER CITY:	Pleasanton
DEVELOPER STATE:	California
DEVELOPER ZIP:	94588
DEVELOPER CONTACT NAME:	Bill Herington
DEVELOPER CONTACT TITLE:	Not reported
CONSTYPE LINEAR UTILITY IND:	N
EMERGENCY PHONE NO:	510-816-3224
EMERGENCY PHONE EXT:	Not reported
CONSTYPE ABOVE GROUND IND:	Not reported
CONSTYPE BELOW GROUND IND:	Not reported
CONSTYPE CABLE LINE IND:	Not reported

REPLANET LLC (Continued) **S117708938**

CONSTYPE COMM LINE IND:	Not reported
CONSTYPE COMMERTIAL IND:	Y
CONSTYPE ELECTRICAL LINE IND:	Not reported
CONSTYPE GAS LINE IND:	Not reported
CONSTYPE INDUSTRIAL IND:	Not reported
CONSTYPE OTHER DESRIPTION:	Not reported
CONSTYPE OTHER IND:	Not reported
CONSTYPE RECONS IND:	Y
CONSTYPE RESIDENTIAL IND:	Not reported
CONSTYPE TRANSPORT IND:	Not reported
CONSTYPE UTILITY DESCRIPTION:	Not reported
CONSTYPE UTILITY IND:	Not reported
CONSTYPE WATER SEWER IND:	Not reported
DIR DISCHARGE USWATER IND:	N
RECEIVING WATER NAME:	Not reported
CERTIFIER NAME:	Bill Herington
CERTIFIER TITLE:	Not reported
CERTIFICATION DATE:	25-JUN-10
PRIMARY SIC:	Not reported
SECONDARY SIC:	Not reported
TERTIARY SIC:	Not reported

B13 **PANDA EXPRESS #2212** **San Mateo Co. BI** **S117976160**
SSW **701 WESTLAKE** **N/A**
< 1/8 **DALY CITY, CA 94015**
0.040 mi.
210 ft. **Site 9 of 16 in cluster B**

Relative:
Higher

Actual:
91 ft.

San Mateo Co. BI:

Region:	SAN MATEO
Facility ID:	FA0052738
Prog Element Code:	STORES MV FUELS OR WASTE ONLY
Record Id:	PR0080579
Description:	STORES MV FUELS OR WASTE ONLY
Facility Status:	ACTIVE

B14 **TJ MAXX 1112** **San Mateo Co. BI** **S116348369**
SSW **100 WESTLAKE** **N/A**
< 1/8 **DALY CITY, CA 94015**
0.041 mi.
215 ft. **Site 10 of 16 in cluster B**

Relative:
Higher

Actual:
90 ft.

San Mateo Co. BI:

Region:	SAN MATEO
Facility ID:	FA0055408
Prog Element Code:	GENERATES <27 GAL/YEAR
Record Id:	PR0076384
Description:	GENERATES <27 GAL/YEAR
Facility Status:	ACTIVE

B15 **ALLIED WASTE INDUSTRIES DALY CITY** **AST** **A100340066**
SSW **120 WESTLAKE** **N/A**
< 1/8 **DALY CITY, CA**
0.041 mi.
217 ft. **Site 11 of 16 in cluster B**

Relative:
Higher

Actual:
90 ft.

AST:

Certified Unified Program Agencies:	San Mateo
Owner:	Not reported
Total Gallons:	1,320
CERSID:	Not reported
Facility ID:	Not reported
Business Name:	Not reported
Phone:	Not reported
Fax:	Not reported
Mailing Address:	Not reported
Mailing Address City:	Not reported
Mailing Address State:	Not reported
Mailing Address Zip Code:	Not reported
Operator Name:	Not reported
Operator Phone:	Not reported
Owner Phone:	Not reported
Owner Mail Address:	Not reported
Owner State:	Not reported
Owner Zip Code:	Not reported
Owner Country:	Not reported
Property Owner Name:	Not reported
Property Owner Phone:	Not reported
Property Owner Mailing Address:	Not reported
Property Owner City:	Not reported
Property Owner Stat :	Not reported
Property Owner Zip Code:	Not reported
Property Owner Country:	Not reported
EPAID:	Not reported

B16 **WALGREENS #0324** **RCRA-CESQG** **1016954437**
SSW **216 WESTLAKE CTR** **CAL000324332**
< 1/8 **DALY CITY, CA 94015**
0.042 mi.
220 ft. **Site 12 of 16 in cluster B**

Relative:
Higher

Actual:
91 ft.

RCRA-CESQG:

Date form received by agency:	04/05/2016
Facility name:	WALGREENS #0324
Facility address:	216 WESTLAKE CTR DALY CITY, CA 94015
EPA ID:	CAL000324332
Mailing address:	GREYHAWK CT SUITE 200 CARLSBAD, CA 92010
Contact:	KARINA ROMERO
Contact address:	GREYHAWK CT SUITE 200 CARLSBAD, CA 92010
Contact country:	US
Contact telephone:	(760) 602-8700
Contact email:	REGULATORY@3ECOMPANY.COM
EPA Region:	09
Classification:	Conditionally Exempt Small Quantity Generator
Description:	Handler: generates 100 kg or less of hazardous waste per calendar month, and accumulates 1000 kg or less of hazardous waste at any time;

WALGREENS #0324 (Continued) **1016954437**

or generates 1 kg or less of acutely hazardous waste per calendar month, and accumulates at any time: 1 kg or less of acutely hazardous waste; or 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste; or generates 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month, and accumulates at any time: 1 kg or less of acutely hazardous waste; or 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste

Owner/Operator Summary:

Owner/operator name:	WALGREEN CO.
Owner/operator address:	Not reported
	Not reported
Owner/operator country:	Not reported
Owner/operator telephone:	Not reported
Legal status:	Private
Owner/Operator Type:	Operator
Owner/Op start date:	07/27/1959
Owner/Op end date:	Not reported

Owner/operator name:	KIMCO WESTLAKE LP
Owner/operator address:	NEW HYDE PARK RD STE 100
	NEW HYDE PARK, NY 11042
Owner/operator country:	US
Owner/operator telephone:	(916) 580-2534
Legal status:	Private
Owner/Operator Type:	Owner
Owner/Op start date:	01/01/2008
Owner/Op end date:	Not reported

Handler Activities Summary:

U.S. importer of hazardous waste:	No
Mixed waste (haz. and radioactive):	No
Recycler of hazardous waste:	No
Transporter of hazardous waste:	No
Treater, storer or disposer of HW:	No
Underground injection activity:	No
On-site burner exemption:	No
Furnace exemption:	No
Used oil fuel burner:	No
Used oil processor:	No
User oil refiner:	No
Used oil fuel marketer to burner:	No
Used oil Specification marketer:	No
Used oil transfer facility:	No
Used oil transporter:	No

. Waste code:	122
. Waste name:	122

. Waste code:	131
. Waste name:	131

WALGREENS #0324 (Continued) **1016954437**

. Waste code: 214
. Waste name: 214

. Waste code: 311
. Waste name: 311

. Waste code: D001
. Waste name: IGNITABLE WASTE

. Waste code: D002
. Waste name: CORROSIVE WASTE

. Waste code: D007
. Waste name: CHROMIUM

. Waste code: D010
. Waste name: SELENIUM

. Waste code: P001
. Waste name: 2H-1-BENZOPYRAN-2-ONE, 4-HYDROXY-3-(3-OXO-1-PHENYLBUTYL)-, & SALTS, WHEN PRESENT AT CONCENTRATIONS GREATER THAN 0.3% (OR) WARFARIN, & SALTS, WHEN PRESENT AT CONCENTRATIONS GREATER THAN 0.3%

. Waste code: P075
. Waste name: NICOTINE, & SALTS (OR) PYRIDINE, 3-(1-METHYL-2-PYRROLIDINYL)-,(S)-, & SALTS

Historical Generators:
Date form received by agency: 06/09/2014
Site name: WALGREENS #324
Classification: Conditionally Exempt Small Quantity Generator

. Waste code: D001
. Waste name: IGNITABLE WASTE

. Waste code: D002
. Waste name: CORROSIVE WASTE

. Waste code: D007
. Waste name: CHROMIUM

. Waste code: D009
. Waste name: MERCURY

. Waste code: D010
. Waste name: SELENIUM

. Waste code: D024
. Waste name: M-CRESOL

. Waste code: P001
. Waste name: 2H-1-BENZOPYRAN-2-ONE, 4-HYDROXY-3-(3-OXO-1-PHENYLBUTYL)-, & SALTS, WHEN PRESENT AT CONCENTRATIONS GREATER THAN 0.3% (OR) WARFARIN, & SALTS, WHEN PRESENT AT CONCENTRATIONS GREATER THAN 0.3%

. Waste code: P075
. Waste name: NICOTINE, & SALTS (OR) PYRIDINE, 3-(1-METHYL-2-PYRROLIDINYL)-,(S)-, &

WALGREENS #0324 (Continued) **1016954437**

SALTS

. Waste code: U034
. Waste name: ACETALDEHYDE, TRICHLORO- (OR) CHLORAL

. Waste code: U165
. Waste name: NAPHTHALENE

Violation Status: No violations found

B17 **PETCO #5303** **San Mateo Co. BI** **S114561928**
SSW **432 WESTLAKE** **N/A**
< 1/8 **DALY CITY, CA 94015**
0.043 mi.
229 ft. **Site 13 of 16 in cluster B**

Relative:
Higher

Actual:
91 ft.

San Mateo Co. BI:
Region: SAN MATEO
Facility ID: FA0054740
Prog Element Code: GENERATES <27 GAL/YEAR
Record Id: PR0075500
Description: GENERATES <27 GAL/YEAR
Facility Status: ACTIVE

B18 **HOME DEPOT NO HD 1092** **RCRA-SQG** **1009311755**
SSW **700 WESTLAKE CENTER** **FINDS** **CAR000171637**
< 1/8 **DALY CITY, CA 94013** **ECHO**
0.046 mi.
243 ft. **Site 14 of 16 in cluster B**

Relative:
Higher

Actual:
91 ft.

RCRA-SQG:
Date form received by agency: 12/18/2008
Facility name: HOME DEPOT NO HD 1092
Facility address: 700 WESTLAKE CENTER
DALY CITY, CA 94013
EPA ID: CAR000171637
Mailing address: 1905 ASTON AVE
NO 100
CARLSBAD, CA 92008
Contact: ROSA L WHIPPLE
Contact address: 1905 ASTON AVE NO 100
CARLSBAD, CA 92008
Contact country: US
Contact telephone: 800-451-8346
Contact email: RWHIPPLE@3ECOMPANY.COM
EPA Region: 09
Classification: Small Small Quantity Generator
Description: Handler: generates more than 100 and less than 1000 kg of hazardous waste during any calendar month and accumulates less than 6000 kg of hazardous waste at any time; or generates 100 kg or less of hazardous waste during any calendar month, and accumulates more than 1000 kg of hazardous waste at any time

Owner/Operator Summary:
Owner/operator name: HOME DEPOT USA
Owner/operator address: Not reported
Not reported

HOME DEPOT NO HD 1092 (Continued) **1009311755**

Owner/operator country: Not reported
Owner/operator telephone: Not reported
Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: 02/09/2006
Owner/Op end date: Not reported

Owner/operator name: HOME DEPOT USA
Owner/operator address: 2455 PACES FERRY RD D 17
ATLANTA, GA 30339
Owner/operator country: US
Owner/operator telephone: Not reported
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: 02/09/2006
Owner/Op end date: Not reported

Handler Activities Summary:
U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

. Waste code: D001
. Waste name: IGNITABLE WASTE

. Waste code: D002
. Waste name: CORROSIVE WASTE

. Waste code: D009
. Waste name: MERCURY

. Waste code: D016
. Waste name: 2,4-D (2,4-DICHLOROPHENOXYACETIC ACID)

. Waste code: D018
. Waste name: BENZENE

. Waste code: D035
. Waste name: METHYL ETHYL KETONE

Historical Generators:
Date form received by agency: 02/27/2006
Site name: HOME DEPOT NO HD 1092
Classification: Small Quantity Generator

HOME DEPOT NO HD 1092 (Continued) **1009311755**

. Waste code: D001
. Waste name: IGNITABLE WASTE

. Waste code: D002
. Waste name: CORROSIVE WASTE

. Waste code: D009
. Waste name: MERCURY

. Waste code: D016
. Waste name: 2,4-D (2,4-DICHLOROPHENOXYACETIC ACID)

. Waste code: D035
. Waste name: METHYL ETHYL KETONE

Violation Status: No violations found

FINDS:

Registry ID: 110055847927

Environmental Interest/Information System
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

STATE MASTER

ECHO:
Envid: 1009311755
Registry ID: 110055847927
DFR URL: http://echo.epa.gov/detailed_facility_report?fid=110055847927

B19 **THE HOME DEPOT STORE #1092** **San Mateo Co. BI** **S108054654**
SSW **700 WESTLAKE CENTER** **N/A**
< 1/8 **DALY CITY, CA 94015**
0.046 mi.
243 ft. **Site 15 of 16 in cluster B**

Relative:
Higher

Actual:
91 ft.

San Mateo Co. BI:
Region: SAN MATEO
Facility ID: FA0029702
Prog Element Code: GENERATES and RECYCLES WASTE OIL/SOLVENT
Record Id: PR0051090
Description: GENERATES & RECYCLES WASTE OIL/SOLVENT
Facility Status: ACTIVE

Region: SAN MATEO
Facility ID: FA0029702
Prog Element Code: STORES HAZ MAT <219GAL,1,999LB, 879FT3
Record Id: PR0051089
Description: STORES HAZ MAT <219GAL,1,999LB, 879CF
Facility Status: ACTIVE

20
SE
< 1/8
0.052 mi.
275 ft.

62 BELMAR AVE
DALY CITY, CA 94015

EDR Hist Auto **1015578996**
N/A

Relative:
Higher

Actual:
102 ft.

EDR Historical Auto Stations:

Name:	SFO LIMO CAR SERVICE
Year:	2012
Address:	62 BELMAR AVE

B21
South
< 1/8
0.053 mi.
282 ft.

VERIZON WIRELESS WESTDALE FIELDCREST
251 WESTLAKE CENTER
DALY CITY, CA 94015

Site 16 of 16 in cluster B

San Mateo Co. BI **S117976194**
N/A

Relative:
Higher

Actual:
93 ft.

San Mateo Co. BI:

Region:	SAN MATEO
Facility ID:	FA0058054
Prog Element Code:	STORES MV FUELS OR WASTE ONLY
Record Id:	PR0080528
Description:	STORES MV FUELS OR WASTE ONLY
Facility Status:	ACTIVE

C22
WNW
< 1/8
0.065 mi.
345 ft.

MARKS CURRY CHEVRON SERVICE
892 JOHN DALY BLVD
DALY CITY, CA 94015

Site 1 of 3 in cluster C

SWEEPS UST **S101593687**
CA FID UST **N/A**

Relative:
Lower

Actual:
82 ft.

SWEEPS UST:

Status:	Not reported
Comp Number:	220014
Number:	Not reported
Board Of Equalization:	Not reported
Referral Date:	Not reported
Action Date:	Not reported
Created Date:	Not reported
Owner Tank Id:	Not reported
SWRCB Tank Id:	41-000-220014-000005
Tank Status:	Not reported
Capacity:	1000
Active Date:	Not reported
Tank Use:	OIL
STG:	WASTE
Content:	REGULAR UNLE
Number Of Tanks:	1
Status:	Active
Comp Number:	220014
Number:	3
Board Of Equalization:	Not reported
Referral Date:	03-28-94
Action Date:	03-28-94
Created Date:	10-13-88
Owner Tank Id:	104079
SWRCB Tank Id:	41-000-220014-000001

MARKS CURRY CHEVRON SERVICE (Continued) **S101593687**

Tank Status: A
Capacity: 10000
Active Date: 03-28-94
Tank Use: M.V. FUEL
STG: P
Content: DIESEL
Number Of Tanks: 5

Status: Active
Comp Number: 220014
Number: 3
Board Of Equalization: Not reported
Referral Date: 03-28-94
Action Date: 03-28-94
Created Date: 10-13-88
Owner Tank Id: 104129
SWRCB Tank Id: 41-000-220014-000002
Tank Status: A
Capacity: 10000
Active Date: 03-28-94
Tank Use: M.V. FUEL
STG: P
Content: REG UNLEADED
Number Of Tanks: Not reported

Status: Active
Comp Number: 220014
Number: 3
Board Of Equalization: Not reported
Referral Date: 03-28-94
Action Date: 03-28-94
Created Date: 10-13-88
Owner Tank Id: UNK
SWRCB Tank Id: 41-000-220014-000003
Tank Status: A
Capacity: 10000
Active Date: 03-28-94
Tank Use: M.V. FUEL
STG: P
Content: REG UNLEADED
Number Of Tanks: Not reported

Status: Active
Comp Number: 220014
Number: 3
Board Of Equalization: Not reported
Referral Date: 03-28-94
Action Date: 03-28-94
Created Date: 10-13-88
Owner Tank Id: 104080
SWRCB Tank Id: 41-000-220014-000004
Tank Status: A
Capacity: 10000
Active Date: 03-28-94
Tank Use: M.V. FUEL
STG: P
Content: PLUS UNLEADED

MARKS CURRY CHEVRON SERVICE (Continued) **S101593687**

Number Of Tanks: Not reported

Status: Active
Comp Number: 220014
Number: 3
Board Of Equalization: Not reported
Referral Date: 03-28-94
Action Date: 03-28-94
Created Date: 10-13-88
Owner Tank Id: CAT080033244
SWRCB Tank Id: 41-000-220014-000006
Tank Status: A
Capacity: 1000
Active Date: 03-28-94
Tank Use: OIL
STG: W
Content: WASTE OIL
Number Of Tanks: Not reported

CA FID UST:
Facility ID: 41000163
Regulated By: UTNKA
Regulated ID: Not reported
Cortese Code: Not reported
SIC Code: Not reported
Facility Phone: 4157559447
Mail To: Not reported
Mailing Address: P. O. BOX 5004
Mailing Address 2: Not reported
Mailing City,St,Zip: DALY CITY 94015
Contact: Not reported
Contact Phone: Not reported
DUNs Number: Not reported
NPDES Number: Not reported
EPA ID: Not reported
Comments: Not reported
Status: Active

C23 **EDR Hist Auto** **1015664275**
WNW **892 JOHN DALY BLVD** **N/A**
< 1/8 **DALY CITY, CA 94015**
0.065 mi.
345 ft. **Site 2 of 3 in cluster C**

Relative:
Lower

Actual:
82 ft.

EDR Historical Auto Stations:
Name: CHEVRON STATIONS
Year: 1999
Address: 892 JOHN DALY BLVD

Name: CHEVRON STATIONS
Year: 2000
Address: 892 JOHN DALY BLVD

Name: WESTLAKE CHEVRON
Year: 2001
Address: 892 JOHN DALY BLVD

(Continued) **1015664275**

Name: WESTLAKE CHEVRON AUTO SERVICE
Year: 2002
Address: 892 JOHN DALY BLVD

Name: CHEVRON STATIONS INC
Year: 2006
Address: 892 JOHN DALY BLVD

Name: CHEVRON STATIONS INC
Year: 2007
Address: 892 JOHN DALY BLVD

Name: CHEVRON STATIONS INC
Year: 2008
Address: 892 JOHN DALY BLVD

Name: CHEVRON STATIONS INC
Year: 2009
Address: 892 JOHN DALY BLVD

Name: CHEVRON
Year: 2010
Address: 892 JOHN DALY BLVD

Name: CHEVRON
Year: 2011
Address: 892 JOHN DALY BLVD

Name: CHEVRON
Year: 2012
Address: 892 JOHN DALY BLVD

C24 **CHEVRON** **LUST** **S100858432**
WNW **892 JOHN DALY** **CHMIRS** **N/A**
< 1/8 **DALY CITY, CA 94015** **San Mateo Co. BI**
0.065 mi. **HIST CORTESE**
345 ft. **Site 3 of 3 in cluster C**

Relative:
Lower

Actual:
82 ft.

LUST:
Region: STATE
Global Id: T0608100148
Latitude: 37.701911087
Longitude: -122.484190575
Case Type: LUST Cleanup Site
Status: Completed - Case Closed
Status Date: 12/27/2011
Lead Agency: SAN MATEO COUNTY LOP
Case Worker: JM
Local Agency: SAN MATEO COUNTY LOP
RB Case Number: 41-0156
LOC Case Number: 220028
File Location: Local Agency
Potential Media Affect: Aquifer used for drinking water supply
Potential Contaminants of Concern: Gasoline
Site History: Extracted from CRA's SEPTEMBER 2, 2009 SUBSURFACE INVESTIGATION AND WELL DESTRUCTION REPORT, San Mateo County does not take responsibility for the accuracy of the statements made or any professional interpretations made in the referenced report. The site

CHEVRON (Continued) **S100858432**

is an active Chevron service station located on the north side of John Daly Boulevard, approximately 100 feet east of Lake Merced Boulevard in Daly City, California (Figure 1). Existing station facilities include a store, car wash, and two gasoline underground storage tanks (USTs) connected to six dispenser islands by underground product line piping. 1998 Facility Replacement and Remedial Excavation: In July and August 1998, Armer/Norman Associates (ANA) of Walnut Creek, California removed the two hoists, dispensers, product lines, and five underground storage tanks (USTs) including three 10,000-gallon gasoline, one 10,000-gallon diesel, and one 1,000-gallon used-oil tanks. ANA transported approximately 250 cubic yards of excavated soil to an approved disposal facility, and new fuel USTs were installed in a new location. Touchstone Developments (Touchstone) collected soil samples from beneath the fuel USTs, used-oil UST, and product lines. One sample (TX1) collected from beneath the fuel USTs contained 283 milligrams per kilogram (mg/kg) total petroleum hydrocarbons as diesel (TPHd). No other hydrocarbons were detected in any of the other seven soil samples collected from beneath the fuel USTs. Hydrocarbon concentrations as high as 1,570 mg/kg TPHd and 4,900 mg/kg total petroleum hydrocarbons as gasoline (TPHg) were detected in soil collected from beneath the product lines at 5 feet below grade (fbg). Following over-excavation of soil to approximately 7 fbg in three locations with the highest hydrocarbon concentrations, concentrations beneath the product lines were reduced to 175 mg/kg TPHd and 395 mg/kg TPHg. No hydrocarbons were detected in soil beneath the used-oil UST. 2000 Soil Borings: Based on Touchstones sampling results, San Mateo County Health Services Department (SMCHD) requested that Chevron investigate the groundwater impacts beneath the site in an August 2, 1999 letter. In August 2000, Cambria Environmental Technology, Inc. (Cambria) advanced soil borings B-1 through B-4 to approximately 30.5 fbg. Boring B-3 contained the highest hydrocarbon concentrations of 69 mg/kg TPHd and 55 mg/kg TPHd at 15 fbg. Benzene was detected in soil at 30 fbg from B-1 at 0.20 mg/kg and B-3 at 0.031 mg/kg. Groundwater was first encountered at approximately 28 fbg. Hydrocarbons were detected in groundwater at soil borings B-1, B-2, and B-3, located between the former fuel USTs and dispenser islands at maximum concentrations of 22,000 micrograms per liter (gg/L) TPHd, 57,000 gg/L TPHg, and 1,000 gg/L benzene. No hydrocarbons were detected in B-4, defining the western extent of hydrocarbons in soil and groundwater. 2002 Well Receptor Survey: Cambria completed a well receptor survey to identify all municipal groundwater wells within a 2,000-foot radius of the site, and all domestic groundwater wells within a 400-foot radius of the site. In August and September 2001, Cambria mailed a one-page questionnaire to all property owners within a 400-foot radius and contacted the City of Daly City Water and Wastewater and SMCHD for record of any wells within 2,000 feet of the property. The search identified one drinking water well, two irrigation wells, 20 monitoring wells, an unknown well, four improperly destroyed wells, and five properly destroyed wells within a 2,000-foot radius of the site. A monitoring well owned by the City of Daly City is located approximately 500 feet north (downgradient) of the site. The nearest drinking water well is located approximately 2,100 feet south (upgradient) of the site near the intersection of Lake Merced Boulevard and Coronado Avenue (near the ARCO station). 2004 Well Installation: In April 2004, Cambria installed monitoring wells MW-2 through MW-4. The boring for MW-1 was not completed as a well to

CHEVRON (Continued) **S100858432**

protect an underlying aquitard at a depth of approximately 30 fbg. Monitoring wells MW-2 through MW-4 were completed as 4-inch diameter wells. No hydrocarbons were detected in soil from MW-2 and MW-3 and only low concentrations were detected in soil from MW-1 and MW-4. 2005 CTP Investigation: In December 2005, Cambria advanced Cone Penetration Test (CPT) borings CPT-1 through CPT-5. No petroleum hydrocarbons were detected in soil samples collected from borings CPT-3, CPT-4, and CPT-5. The only TPHg detected in soil was 3.8 mg/kg in CPT-2 at 45.5 fbg. The only benzene and MTBE detected in soil were 0.005 mg/kg benzene and 0.003 mg/kg MTBE in CPT-1 at 30.5 fbg. The highest hydrocarbon concentrations detected in grab-groundwater samples were 4,600 gg/L TPHg, 860 gg/L benzene, and 46 gg/L MTBE detected in CPT-2, located north of the former USTs. The highest TPHd concentration in groundwater was 8,100 %g/L in CPT-3, located west of the former USTs and north of the former dispenser islands. 2006 Well Installation: In October 2006, Cambria installed monitoring well MW-5 to 35 fbg, and deepened wells MW-2 to 60 fbg and MW-3 to 50 fbg. No TPHd was detected in any of the soil samples collected. The highest hydrocarbon concentrations in soil and groundwater were detected in MW-2, located north of the existing gasoline USTs. CRA installed groundwater monitoring wells MW-3R and MW-6 on May 7 and 8, 2009 and destroyed MW-3 by pressure grouting on May 8, 2009.

Click here to access the California GeoTracker records for this facility:

Contact:

Global Id:	T0608100148
Contact Type:	Local Agency Caseworker
Contact Name:	JACOB MADDEN
Organization Name:	SAN MATEO COUNTY LOP
Address:	2000 ALAMEDA DE LAS PULGAS
City:	SAN MATEO
Email:	jmadden@smcgov.org
Phone Number:	6503726298

Global Id:	T0608100148
Contact Type:	Regional Board Caseworker
Contact Name:	Regional Water Board
Organization Name:	SAN FRANCISCO BAY RWQCB (REGION 2)
Address:	1515 CLAY ST SUITE 1400
City:	OAKLAND
Email:	Not reported
Phone Number:	Not reported

Status History:

Global Id:	T0608100148
Status:	Open - Case Begin Date
Status Date:	05/31/1991

Global Id:	T0608100148
Status:	Open - Site Assessment
Status Date:	05/31/1991

Global Id:	T0608100148
Status:	Open - Verification Monitoring
Status Date:	09/02/2009

CHEVRON (Continued) **S100858432**

Global Id: T0608100148
Status: Completed - Case Closed
Status Date: 12/27/2011

Regulatory Activities:
Global Id: T0608100148
Action Type: ENFORCEMENT
Date: 02/13/2009
Action: Staff Letter - #20090213

Global Id: T0608100148
Action Type: ENFORCEMENT
Date: 07/17/2009
Action: Staff Letter - #20090717

Global Id: T0608100148
Action Type: ENFORCEMENT
Date: 09/23/2009
Action: Verbal Enforcement

Global Id: T0608100148
Action Type: ENFORCEMENT
Date: 09/23/2009
Action: Staff Letter - #20090923

Global Id: T0608100148
Action Type: ENFORCEMENT
Date: 04/29/2009
Action: Staff Letter - #20090429

Global Id: T0608100148
Action Type: RESPONSE
Date: 03/17/2011
Action: Soil and Water Investigation Report - Regulator Responded

Global Id: T0608100148
Action Type: RESPONSE
Date: 08/05/2011
Action: Well Destruction Report - Regulator Responded

Global Id: T0608100148
Action Type: ENFORCEMENT
Date: 03/09/2010
Action: Staff Letter - #20100309

Global Id: T0608100148
Action Type: Other
Date: 05/31/1991
Action: Leak Reported

Global Id: T0608100148
Action Type: ENFORCEMENT
Date: 11/17/2010
Action: Staff Letter - #20101117

Global Id: T0608100148
Action Type: RESPONSE

CHEVRON (Continued) **S100858432**

Date: 09/03/2009
Action: Soil and Water Investigation Report

Global Id: T0608100148
Action Type: RESPONSE
Date: 11/03/2003
Action: Soil and Water Investigation Workplan

Global Id: T0608100148
Action Type: RESPONSE
Date: 02/25/2004
Action: Other Workplan

Global Id: T0608100148
Action Type: RESPONSE
Date: 06/09/2004
Action: Soil and Water Investigation Report

Global Id: T0608100148
Action Type: RESPONSE
Date: 11/15/2007
Action: Monitoring Report - Quarterly

Global Id: T0608100148
Action Type: RESPONSE
Date: 05/15/2007
Action: Monitoring Report - Quarterly

Global Id: T0608100148
Action Type: RESPONSE
Date: 11/15/2006
Action: Monitoring Report - Quarterly

Global Id: T0608100148
Action Type: RESPONSE
Date: 02/15/2007
Action: Monitoring Report - Quarterly

Global Id: T0608100148
Action Type: RESPONSE
Date: 02/15/2005
Action: Monitoring Report - Quarterly

Global Id: T0608100148
Action Type: RESPONSE
Date: 02/15/2006
Action: Monitoring Report - Quarterly

Global Id: T0608100148
Action Type: RESPONSE
Date: 05/15/2006
Action: Monitoring Report - Quarterly

Global Id: T0608100148
Action Type: RESPONSE
Date: 05/15/2005
Action: Monitoring Report - Quarterly

CHEVRON (Continued) **S100858432**

Global Id: T0608100148
Action Type: RESPONSE
Date: 08/15/2007
Action: Monitoring Report - Quarterly

Global Id: T0608100148
Action Type: RESPONSE
Date: 08/15/2004
Action: Monitoring Report - Quarterly

Global Id: T0608100148
Action Type: RESPONSE
Date: 08/15/2006
Action: Monitoring Report - Quarterly

Global Id: T0608100148
Action Type: RESPONSE
Date: 08/15/2005
Action: Monitoring Report - Quarterly

Global Id: T0608100148
Action Type: RESPONSE
Date: 11/15/2004
Action: Monitoring Report - Quarterly

Global Id: T0608100148
Action Type: RESPONSE
Date: 11/15/2005
Action: Monitoring Report - Quarterly

Global Id: T0608100148
Action Type: RESPONSE
Date: 02/15/2006
Action: Soil and Water Investigation Report

Global Id: T0608100148
Action Type: RESPONSE
Date: 05/01/2006
Action: Soil and Water Investigation Workplan

Global Id: T0608100148
Action Type: RESPONSE
Date: 11/15/2006
Action: Well Installation Report

Global Id: T0608100148
Action Type: RESPONSE
Date: 05/15/2008
Action: Monitoring Report - Quarterly

Global Id: T0608100148
Action Type: RESPONSE
Date: 08/15/2008
Action: Monitoring Report - Quarterly

Global Id: T0608100148
Action Type: RESPONSE

CHEVRON (Continued) **S100858432**

Date:	11/15/2008
Action:	Monitoring Report - Quarterly
Global Id:	T0608100148
Action Type:	RESPONSE
Date:	02/15/2009
Action:	Monitoring Report - Quarterly
Global Id:	T0608100148
Action Type:	RESPONSE
Date:	05/15/2010
Action:	Monitoring Report - Annually
Global Id:	T0608100148
Action Type:	RESPONSE
Date:	05/15/2010
Action:	Monitoring Report - Semi-Annually
Global Id:	T0608100148
Action Type:	RESPONSE
Date:	02/15/2008
Action:	Monitoring Report - Quarterly
Global Id:	T0608100148
Action Type:	ENFORCEMENT
Date:	05/05/2011
Action:	Staff Letter - #20110505
Global Id:	T0608100148
Action Type:	RESPONSE
Date:	05/15/2009
Action:	Monitoring Report - Quarterly
Global Id:	T0608100148
Action Type:	RESPONSE
Date:	10/23/2009
Action:	Electronic Reporting Submittal Due
Global Id:	T0608100148
Action Type:	RESPONSE
Date:	11/15/2010
Action:	Monitoring Report - Semi-Annually
Global Id:	T0608100148
Action Type:	RESPONSE
Date:	11/15/2010
Action:	Request for Closure
Global Id:	T0608100148
Action Type:	ENFORCEMENT
Date:	11/30/2005
Action:	Staff Letter - #20051130
Global Id:	T0608100148
Action Type:	ENFORCEMENT
Date:	08/03/2006
Action:	Staff Letter - #20060803

CHEVRON (Continued) **S100858432**

Global Id: T0608100148
Action Type: ENFORCEMENT
Date: 06/09/2004
Action: Staff Letter - #20040609

Global Id: T0608100148
Action Type: ENFORCEMENT
Date: 01/29/2004
Action: Staff Letter - #20040129

Global Id: T0608100148
Action Type: ENFORCEMENT
Date: 07/29/2003
Action: Staff Letter - #20030729

Global Id: T0608100148
Action Type: ENFORCEMENT
Date: 02/21/2006
Action: Staff Letter - #20060221

Global Id: T0608100148
Action Type: ENFORCEMENT
Date: 12/27/2011
Action: Staff Letter - #20111227

Global Id: T0608100148
Action Type: RESPONSE
Date: 05/15/2011
Action: Monitoring Report - Semi-Annually

Global Id: T0608100148
Action Type: ENFORCEMENT
Date: 06/04/1991
Action: Notice of Responsibility - #1

Global Id: T0608100148
Action Type: Other
Date: 06/17/1991
Action: Leak Discovery

SAN MATEO CO. LUST:
Region: SAN MATEO
Facility ID: 220028
Facility Status: 9- Case Closed
Global ID: T0608100148
APN Number: 002150220
Case Type: SAN MATEO CO. LUST
EDR Link ID: SAN MATEO CO. LUST

CHMIRS:
OES Incident Number: 12-2168
OES notification: 04/12/2012
OES Date: Not reported
OES Time: Not reported
Date Completed: **Not reported**

CHEVRON (Continued) **S100858432**

Property Use:	Not reported
Agency Id Number:	Not reported
Agency Incident Number:	Not reported
Time Notified:	Not reported
Time Completed:	Not reported
Surrounding Area:	Not reported
Estimated Temperature:	Not reported
Property Management:	Not reported
More Than Two Substances Involved?:	Not reported
Resp Agncy Personel # Of Decontaminated:	Not reported
Responding Agency Personel # Of Injuries:	Not reported
Responding Agency Personel # Of Fatalities:	Not reported
Others Number Of Decontaminated:	Not reported
Others Number Of Injuries:	Not reported
Others Number Of Fatalities:	Not reported
Vehicle Make/year:	Not reported
Vehicle License Number:	Not reported
Vehicle State:	Not reported
Vehicle Id Number:	Not reported
CA DOT PUC/ICC Number:	Not reported
Company Name:	Not reported
Reporting Officer Name/ID:	Not reported
Report Date:	Not reported
Facility Telephone:	Not reported
Waterway Involved:	No
Waterway:	Not reported
Spill Site:	Service Station
Cleanup By:	Site Attendant
Containment:	Not reported
What Happened:	Not reported
Type:	Not reported
Measure:	Oz.
Other:	Not reported
Date/Time:	1157
Year:	2012
Agency:	Chevron
Incident Date:	4/12/2012
Admin Agency:	San Mateo County Environmental Health
Amount:	Not reported
Contained:	Yes
Site Type:	Not reported
E Date:	Not reported
Substance:	Automotive Unleaded Gasoline
Quantity Released:	15
Unknown:	Not reported
Substance #2:	Not reported
Substance #3:	Not reported
Evacuations:	Not reported
Number of Injuries:	Not reported
Number of Fatalities:	Not reported
#1 Pipeline:	Not reported
#2 Pipeline:	Not reported
#3 Pipeline:	Not reported
#1 Vessel >= 300 Tons:	Not reported
#2 Vessel >= 300 Tons:	Not reported
#3 Vessel >= 300 Tons:	Not reported
Evacs:	Not reported

CHEVRON (Continued) **S100858432**

Injuries:	Not reported
Fatals:	Not reported
Comments:	Not reported
Description:	Per the caller/NRC report: "Caller reported a customer removed the nozzle from their vehicle and 15 oz of material discharged." REMEDIAL ACTIONS: Spill kit used for clean up. Clean up is complete.
OES Incident Number:	4-6536
OES notification:	11/17/2014
OES Date:	Not reported
OES Time:	Not reported
Date Completed:	**Not reported**
Property Use:	Not reported
Agency Id Number:	Not reported
Agency Incident Number:	Not reported
Time Notified:	Not reported
Time Completed:	Not reported
Surrounding Area:	Not reported
Estimated Temperature:	Not reported
Property Management:	Not reported
More Than Two Substances Involved?:	Not reported
Resp Agncy Personel # Of Decontaminated:	Not reported
Responding Agency Personel # Of Injuries:	Not reported
Responding Agency Personel # Of Fatalities:	Not reported
Others Number Of Decontaminated:	Not reported
Others Number Of Injuries:	Not reported
Others Number Of Fatalities:	Not reported
Vehicle Make/year:	Not reported
Vehicle License Number:	Not reported
Vehicle State:	Not reported
Vehicle Id Number:	Not reported
CA DOT PUC/ICC Number:	Not reported
Company Name:	Not reported
Reporting Officer Name/ID:	Not reported
Report Date:	Not reported
Facility Telephone:	Not reported
Waterway Involved:	No
Waterway:	Not reported
Spill Site:	Service Station
Cleanup By:	No
Containment:	Not reported
What Happened:	Not reported
Type:	Not reported
Measure:	Not reported
Other:	Not reported
Type:	PETROLEUM
Measure:	Oz.
Other:	Not reported
Date/Time:	1820
Year:	2014
Agency:	Chevron
Incident Date:	11/16/2014
Admin Agency:	Not reported
Amount:	Not reported
Contained:	Yes

CHEVRON (Continued) **S100858432**

Site Type:	Not reported
E Date:	Not reported
Substance:	Fuel - Gasoline
Quantity Released:	24
Unknown:	Not reported
Substance #2:	Not reported
Substance #3:	Not reported
Evacuations:	Not reported
Number of Injuries:	Not reported
Number of Fatalities:	Not reported
#1 Pipeline:	No
#2 Pipeline:	No
#3 Pipeline:	No
#1 Vessel >= 300 Tons:	No
#2 Vessel >= 300 Tons:	No
#3 Vessel >= 300 Tons:	No
Evacs:	No
Injuries:	Human Error
Fatals:	No
Comments:	Not reported
Description:	During vehicle fueling the nozzle fell causing the release, material flowed onto concrete, on site personnel handled containment and clean up.

San Mateo Co. BI:

Region:	SAN MATEO
Facility ID:	FA0017133
Prog Element Code:	GENERATES <27 GAL/YEAR
Record Id:	PR0011002
Description:	GENERATES <27 GAL/YEAR
Facility Status:	ACTIVE

Region:	SAN MATEO
Facility ID:	FA0017133
Prog Element Code:	STORES MV FUELS OR WASTE ONLY
Record Id:	PR0023728
Description:	STORES MV FUELS OR WASTE ONLY
Facility Status:	ACTIVE

Region:	SAN MATEO
Facility ID:	FA0017133
Prog Element Code:	UNDERGROUND TANK - GENERAL
Record Id:	PR0022254
Description:	UNDERGROUND TANK - GENERAL
Facility Status:	ACTIVE

HIST CORTESE:

Region:	CORTESE
Facility County Code:	41
Reg By:	LTNKA
Reg Id:	41-0156

25
NNW
< 1/8
0.088 mi.
467 ft.

19 CLIFFSIDE DR
DALY CITY, CA 94015

Database(s): **EDR Hist Auto**
EDR ID Number: **1015288414**
EPA ID Number: **N/A**

Relative:
Lower

Actual:
81 ft.

EDR Historical Auto Stations:
Name: CLEAR GLASS WINDSHIELD REPAIR
Year: 2002
Address: 19 CLIFFSIDE DR

D26
SW
< 1/8
0.115 mi.
607 ft.

PENINSULA DENTAL CENTER
283 LAKE MERCED
DALY CITY, CA 94015
Site 1 of 2 in cluster D

Database(s): **San Mateo Co. BI**
EDR ID Number: **S108054728**
EPA ID Number: **N/A**

Relative:
Higher

Actual:
99 ft.

San Mateo Co. BI:
Region: SAN MATEO
Facility ID: FA0026437
Prog Element Code: GENERATES <27 GAL/YEAR
Record Id: PR0050807
Description: GENERATES <27 GAL/YEAR
Facility Status: INACTIVE

D27
SW
< 1/8
0.116 mi.
611 ft.

WESTLAKE SHOPPING CENTER
285 LAKE MERCED
DALY CITY, CA 94015
Site 2 of 2 in cluster D

Database(s): **San Mateo Co. BI**
EDR ID Number: **S102803748**
EPA ID Number: **N/A**

Relative:
Higher

Actual:
99 ft.

San Mateo Co. BI:
Region: SAN MATEO
Facility ID: FA0023573
Prog Element Code: STORES HAZ MAT <219GAL,1,999LB, 879FT3
Record Id: PR0027292
Description: STORES HAZ MAT <219GAL,1,999LB, 879CF
Facility Status: INACTIVE

Region: SAN MATEO
Facility ID: FA0028898
Prog Element Code: STORES HAZ MAT <219GAL,1,999LB, 879FT3
Record Id: PR0048725
Description: STORES HAZ MAT <219GAL,1,999LB, 879CF
Facility Status: INACTIVE

28
West
1/8-1/4
0.132 mi.
698 ft.

WALGREENS 0324
395 S MAYFAIR
DALY DITY, CA 94015

Database(s): **RCRA-SQG**
EDR ID Number: **1001227064**
EPA ID Number: **CAR000043075**

Relative:
Higher

Actual:
100 ft.

RCRA-SQG:
Date form received by agency: 02/07/2002
Facility name: WALGREENS 0324
Facility address: 395 S MAYFAIR
DALY DITY, CA 94015

WALGREENS 0324 (Continued) **1001227064**

EPA ID: CAR000043075
Mailing address: C/O QUALEX INC
4020 STIRRUP CREEK DR STE 211
DURHAM, NC 27703
Contact: KENNETH J MCKEVENY
Contact address: Not reported
Not reported
Contact country: US
Contact telephone: (919) 484-3647
Contact email: Not reported
EPA Region: 09
Classification: Small Small Quantity Generator
Description: Handler: generates more than 100 and less than 1000 kg of hazardous waste during any calendar month and accumulates less than 6000 kg of hazardous waste at any time; or generates 100 kg or less of hazardous waste during any calendar month, and accumulates more than 1000 kg of hazardous waste at any time

Owner/Operator Summary:
Owner/operator name: WALGREEN CO
Owner/operator address: 200 WILMONT RD NO 2214
DEERFIELD, IL 60015
Owner/operator country: Not reported
Owner/operator telephone: (847) 914-3193
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Handler Activities Summary:
U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Historical Generators:
Date form received by agency: 02/07/2002
Site name: WALGREENS 0324
Classification: Large Quantity Generator

Date form received by agency: 07/17/1998
Site name: WALGREENS 324
Classification: Small Quantity Generator

. Waste code: D000

WALGREENS 0324 (Continued) **1001227064**

. Waste name: Not Defined

. Waste code: D011
. Waste name: SILVER

Violation Status: No violations found

E29 **WESTLAKE SHOPPING CENTER** **San Mateo Co. BI** **S116348330**
SSE **15 SOUTHGATE** **N/A**
1/8-1/4 **DALY CITY, CA 94015**
0.193 mi.
1021 ft. **Site 1 of 3 in cluster E**

Relative:
Higher

Actual:
98 ft.

San Mateo Co. BI:
Region: SAN MATEO
Facility ID: FA0054888
Prog Element Code: GENERATES <27 GAL/YEAR
Record Id: PR0075696
Description: GENERATES <27 GAL/YEAR
Facility Status: ACTIVE

Region: SAN MATEO
Facility ID: FA0054888
Prog Element Code: STORES HAZ MAT <219GAL,1,999LB, 879FT3
Record Id: PR0075695
Description: STORES HAZ MAT <219GAL,1,999LB, 879CF
Facility Status: ACTIVE

F30 **NORTH SAN MATEO COUNTY SANITAT** **HIST UST** **U001594039**
NW **153 LAKE MERCED BLVD** **CHMIRS** **N/A**
1/8-1/4 **DALY CITY, CA 94015** **EMI**
0.195 mi.
1029 ft. **Site 1 of 10 in cluster F**

Relative:
Lower

Actual:
72 ft.

HIST UST:
File Number: Not reported
URL: Not reported
Region: STATE
Facility ID: 00000008940
Facility Type: Other
Other Type: SANITATION DISTRICT
Contact Name: PAUL FAKO, CHIEF OPERATOR
Telephone: 4157556557
Owner Name: NORTH SAN MATEO COUNTY SANITAT
Owner Address: 153 LAKE MERCED BOULEVARD
Owner City,St,Zip: DALY CITY, CA 94015
Total Tanks: 0005

Tank Num: 001
Container Num: D-01N
Year Installed: 1976
Tank Capacity: 00010000
Tank Used for: PRODUCT
Type of Fuel: DIESEL
Container Construction Thickness: Not reported
Leak Detection: Stock Inventor

NORTH SAN MATEO COUNTY SANITAT (Continued) **U001594039**

Tank Num:	002
Container Num:	G-UL-1
Year Installed:	1976
Tank Capacity:	00002000
Tank Used for:	PRODUCT
Type of Fuel:	UNLEADED
Container Construction Thickness:	Not reported
Leak Detection:	Stock Inventor

Tank Num:	003
Container Num:	G-R-2
Year Installed:	1976
Tank Capacity:	00002000
Tank Used for:	PRODUCT
Type of Fuel:	REGULAR
Container Construction Thickness:	Not reported
Leak Detection:	Stock Inventor

Tank Num:	004
Container Num:	W0-1
Year Installed:	1977
Tank Capacity:	00000150
Tank Used for:	WASTE
Type of Fuel:	WASTE OIL
Container Construction Thickness:	Not reported
Leak Detection:	Visual

Tank Num:	005
Container Num:	D-02S
Year Installed:	1976
Tank Capacity:	00010000
Tank Used for:	PRODUCT
Type of Fuel:	DIESEL
Container Construction Thickness:	Not reported
Leak Detection:	Stock Inventor

CHMIRS:

OES Incident Number:	9-1261
OES notification:	03/19/1999
OES Date:	Not reported
OES Time:	Not reported
Date Completed:	**Not reported**
Property Use:	Not reported
Agency Id Number:	Not reported
Agency Incident Number:	Not reported
Time Notified:	Not reported
Time Completed:	Not reported
Surrounding Area:	Not reported
Estimated Temperature:	Not reported
Property Management:	Not reported
More Than Two Substances Involved?:	Not reported
Resp Agncy Personel # Of Decontaminated:	Not reported
Responding Agency Personel # Of Injuries:	Not reported
Responding Agency Personel # Of Fatalities:	Not reported
Others Number Of Decontaminated:	Not reported
Others Number Of Injuries:	Not reported
Others Number Of Fatalities:	Not reported

NORTH SAN MATEO COUNTY SANITAT (Continued) **U001594039**

Vehicle Make/year:	Not reported
Vehicle License Number:	Not reported
Vehicle State:	Not reported
Vehicle Id Number:	Not reported
CA DOT PUC/ICC Number:	Not reported
Company Name:	Not reported
Reporting Officer Name/ID:	Not reported
Report Date:	Not reported
Facility Telephone:	Not reported
Waterway Involved:	No
Waterway:	Not reported
Spill Site:	Not reported
Cleanup By:	Reporting Party
Containment:	Not reported
What Happened:	Not reported
Type:	Not reported
Measure:	Not reported
Other:	Not reported
Date/Time:	Not reported
Year:	1999
Agency:	San Mateo Co SO / OES
Incident Date:	3/19/199912:00:00 AM
Admin Agency:	San Mateo County Environmental Health
Amount:	Not reported
Contained:	No
Site Type:	Treatment/Sewage Facility
E Date:	Not reported
Substance:	Oxygen
Unknown:	0
Substance #2:	Not reported
Substance #3:	Not reported
Evacuations:	0
Number of Injuries:	0
Number of Fatalities:	0
#1 Pipeline:	Not reported
#2 Pipeline:	Not reported
#3 Pipeline:	Not reported
#1 Vessel >= 300 Tons:	Not reported
#2 Vessel >= 300 Tons:	Not reported
#3 Vessel >= 300 Tons:	Not reported
Evacs:	Not reported
Injuries:	Not reported
Fatals:	Not reported
Comments:	Not reported
Description:	tank 10’ x 15’ leaking due to unknown reasons, no fire involved

EMI:

Year:	1987
County Code:	41
Air Basin:	SF
Facility ID:	1507
Air District Name:	BA
SIC Code:	4952
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported

NORTH SAN MATEO COUNTY SANITAT (Continued) **U001594039**

Total Organic Hydrocarbon Gases Tons/Yr:	6
Reactive Organic Gases Tons/Yr:	5
Carbon Monoxide Emissions Tons/Yr:	2
NOX - Oxides of Nitrogen Tons/Yr:	6
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

Year:	1990
County Code:	41
Air Basin:	SF
Facility ID:	5494
Air District Name:	BA
SIC Code:	9111
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0
Reactive Organic Gases Tons/Yr:	0
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

Year:	1990
County Code:	41
Air Basin:	SF
Facility ID:	1507
Air District Name:	BA
SIC Code:	4952
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	1
Reactive Organic Gases Tons/Yr:	1
Carbon Monoxide Emissions Tons/Yr:	1
NOX - Oxides of Nitrogen Tons/Yr:	4
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

Year:	1995
County Code:	41
Air Basin:	SF
Facility ID:	1507
Air District Name:	BA
SIC Code:	4952
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	1
Reactive Organic Gases Tons/Yr:	1
Carbon Monoxide Emissions Tons/Yr:	1
NOX - Oxides of Nitrogen Tons/Yr:	4
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0

NORTH SAN MATEO COUNTY SANITAT (Continued) **U001594039**

Part. Matter 10 Micrometers and Smllr Tons/Yr:0

Year:	1996
County Code:	41
Air Basin:	SF
Facility ID:	1507
Air District Name:	BA
SIC Code:	4952
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	1
Reactive Organic Gases Tons/Yr:	1
Carbon Monoxide Emissions Tons/Yr:	1
NOX - Oxides of Nitrogen Tons/Yr:	4
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

Year:	1996
County Code:	41
Air Basin:	SF
Facility ID:	5494
Air District Name:	BA
SIC Code:	9111
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0
Reactive Organic Gases Tons/Yr:	0
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

Year:	1997
County Code:	41
Air Basin:	SF
Facility ID:	5494
Air District Name:	BA
SIC Code:	9111
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0
Reactive Organic Gases Tons/Yr:	0
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

Year:	1997
County Code:	41
Air Basin:	SF
Facility ID:	1507

NORTH SAN MATEO COUNTY SANITAT (Continued) **U001594039**

Air District Name:	BA
SIC Code:	4952
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	1
Reactive Organic Gases Tons/Yr:	1
Carbon Monoxide Emissions Tons/Yr:	1
NOX - Oxides of Nitrogen Tons/Yr:	4
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

Year:	1998
County Code:	41
Air Basin:	SF
Facility ID:	1507
Air District Name:	BA
SIC Code:	4952
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	1
Reactive Organic Gases Tons/Yr:	1
Carbon Monoxide Emissions Tons/Yr:	1
NOX - Oxides of Nitrogen Tons/Yr:	4
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

Year:	1998
County Code:	41
Air Basin:	SF
Facility ID:	5494
Air District Name:	BA
SIC Code:	9111
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0
Reactive Organic Gases Tons/Yr:	0
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

Year:	1999
County Code:	41
Air Basin:	SF
Facility ID:	5494
Air District Name:	BA
SIC Code:	9111
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0

NORTH SAN MATEO COUNTY SANITAT (Continued) **U001594039**

Reactive Organic Gases Tons/Yr:	0
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

Year:	1999
County Code:	41
Air Basin:	SF
Facility ID:	1507
Air District Name:	BA
SIC Code:	4952
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	17
Reactive Organic Gases Tons/Yr:	16
Carbon Monoxide Emissions Tons/Yr:	1
NOX - Oxides of Nitrogen Tons/Yr:	4
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

Year:	2000
County Code:	41
Air Basin:	SF
Facility ID:	1507
Air District Name:	BA
SIC Code:	4952
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	17
Reactive Organic Gases Tons/Yr:	16
Carbon Monoxide Emissions Tons/Yr:	1
NOX - Oxides of Nitrogen Tons/Yr:	4
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

Year:	2000
County Code:	41
Air Basin:	SF
Facility ID:	5494
Air District Name:	BA
SIC Code:	9111
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0
Reactive Organic Gases Tons/Yr:	0
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

NORTH SAN MATEO COUNTY SANITAT (Continued) **U001594039**

Year:	2001
County Code:	41
Air Basin:	SF
Facility ID:	1507
Air District Name:	BA
SIC Code:	4952
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Y
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	17
Reactive Organic Gases Tons/Yr:	16
Carbon Monoxide Emissions Tons/Yr:	1
NOX - Oxides of Nitrogen Tons/Yr:	5
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

Year:	2001
County Code:	41
Air Basin:	SF
Facility ID:	5494
Air District Name:	BA
SIC Code:	9111
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0
Reactive Organic Gases Tons/Yr:	0
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

Year:	2002
County Code:	41
Air Basin:	SF
Facility ID:	5494
Air District Name:	BA
SIC Code:	9121
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0
Reactive Organic Gases Tons/Yr:	0
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

Year:	2002
County Code:	41
Air Basin:	SF
Facility ID:	1507
Air District Name:	BA
SIC Code:	4952

NORTH SAN MATEO COUNTY SANITAT (Continued) **U001594039**

Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	17
Reactive Organic Gases Tons/Yr:	16
Carbon Monoxide Emissions Tons/Yr:	1
NOX - Oxides of Nitrogen Tons/Yr:	5
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

Year:	2003
County Code:	41
Air Basin:	SF
Facility ID:	1507
Air District Name:	BA
SIC Code:	4952
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	17
Reactive Organic Gases Tons/Yr:	16
Carbon Monoxide Emissions Tons/Yr:	1
NOX - Oxides of Nitrogen Tons/Yr:	5
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

Year:	2003
County Code:	41
Air Basin:	SF
Facility ID:	5494
Air District Name:	BA
SIC Code:	9121
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0
Reactive Organic Gases Tons/Yr:	0
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

Year:	2004
County Code:	41
Air Basin:	SF
Facility ID:	1507
Air District Name:	BA
SIC Code:	4952
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	16.722
Reactive Organic Gases Tons/Yr:	16.1614416
Carbon Monoxide Emissions Tons/Yr:	1.183

NORTH SAN MATEO COUNTY SANITAT (Continued) **U001594039**

NOX - Oxides of Nitrogen Tons/Yr:	4.244
SOX - Oxides of Sulphur Tons/Yr:	0.364
Particulate Matter Tons/Yr:	0.189
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0.186168

Year:	2004
County Code:	41
Air Basin:	SF
Facility ID:	5494
Air District Name:	BA
SIC Code:	9121
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0.124
Reactive Organic Gases Tons/Yr:	0.1116185
Carbon Monoxide Emissions Tons/Yr:	0.002
NOX - Oxides of Nitrogen Tons/Yr:	0.008
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0.001
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0.000976

Year:	2005
County Code:	41
Air Basin:	SF
Facility ID:	1507
Air District Name:	BA
SIC Code:	4952
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	16.722
Reactive Organic Gases Tons/Yr:	16.1614416
Carbon Monoxide Emissions Tons/Yr:	1.183
NOX - Oxides of Nitrogen Tons/Yr:	4.244
SOX - Oxides of Sulphur Tons/Yr:	.364
Particulate Matter Tons/Yr:	.189
Part. Matter 10 Micrometers and Smllr Tons/Yr:	.186168

Year:	2005
County Code:	41
Air Basin:	SF
Facility ID:	5494
Air District Name:	BA
SIC Code:	9121
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	.125
Reactive Organic Gases Tons/Yr:	.1124552
Carbon Monoxide Emissions Tons/Yr:	.004
NOX - Oxides of Nitrogen Tons/Yr:	.018
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	.001
Part. Matter 10 Micrometers and Smllr Tons/Yr:	.000976

Year:	2006

NORTH SAN MATEO COUNTY SANITAT (Continued) **U001594039**

County Code:	41
Air Basin:	SF
Facility ID:	5494
Air District Name:	BA
SIC Code:	9121
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	.108
Reactive Organic Gases Tons/Yr:	.100983
Carbon Monoxide Emissions Tons/Yr:	.002
NOX - Oxides of Nitrogen Tons/Yr:	.008
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

Year:	2006
County Code:	41
Air Basin:	SF
Facility ID:	1507
Air District Name:	BA
SIC Code:	4952
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	16.725
Reactive Organic Gases Tons/Yr:	16.1631384
Carbon Monoxide Emissions Tons/Yr:	1.183
NOX - Oxides of Nitrogen Tons/Yr:	4.244
SOX - Oxides of Sulphur Tons/Yr:	.226
Particulate Matter Tons/Yr:	.189
Part. Matter 10 Micrometers and Smllr Tons/Yr:	.186168

Year:	2007
County Code:	41
Air Basin:	SF
Facility ID:	5494
Air District Name:	BA
SIC Code:	9121
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	.112
Reactive Organic Gases Tons/Yr:	.1043298
Carbon Monoxide Emissions Tons/Yr:	.032
NOX - Oxides of Nitrogen Tons/Yr:	.026
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	.002
Part. Matter 10 Micrometers and Smllr Tons/Yr:	.001952

Year:	2007
County Code:	41
Air Basin:	SF
Facility ID:	1507
Air District Name:	BA
SIC Code:	4952
Air District Name:	BAY AREA AQMD

NORTH SAN MATEO COUNTY SANITAT (Continued) **U001594039**

Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	16.599
Reactive Organic Gases Tons/Yr:	16.0994874
Carbon Monoxide Emissions Tons/Yr:	.356
NOX - Oxides of Nitrogen Tons/Yr:	1.642
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	.118
Part. Matter 10 Micrometers and Smllr Tons/Yr:	.115168

Year:	2008
County Code:	41
Air Basin:	SF
Facility ID:	1507
Air District Name:	BA
SIC Code:	4952
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	16.602
Reactive Organic Gases Tons/Yr:	16.101583
Carbon Monoxide Emissions Tons/Yr:	.356
NOX - Oxides of Nitrogen Tons/Yr:	1.642
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	.118
Part. Matter 10 Micrometers and Smllr Tons/Yr:	.115168

Year:	2009
County Code:	41
Air Basin:	SF
Facility ID:	1507
Air District Name:	BA
SIC Code:	4952
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	29.928000000000001
Reactive Organic Gases Tons/Yr:	21.807322599999999
Carbon Monoxide Emissions Tons/Yr:	0.93799999999999994
NOX - Oxides of Nitrogen Tons/Yr:	2.964
SOX - Oxides of Sulphur Tons/Yr:	0.22600000000000001
Particulate Matter Tons/Yr:	4.8000000000000001E-2
Part. Matter 10 Micrometers and Smllr Tons/Yr:	4.8000000000000001E-2

Year:	2010
County Code:	41
Air Basin:	SF
Facility ID:	1507
Air District Name:	BA
SIC Code:	4952
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	30.815000000000001
Reactive Organic Gases Tons/Yr:	22.162177799999998
Carbon Monoxide Emissions Tons/Yr:	0.93600000000000005
NOX - Oxides of Nitrogen Tons/Yr:	2.9590000000000001

NORTH SAN MATEO COUNTY SANITAT (Continued) **U001594039**

SOX - Oxides of Sulphur Tons/Yr:	0.22600000000000001
Particulate Matter Tons/Yr:	5.3999999999999999E-2
Part. Matter 10 Micrometers and Smllr Tons/Yr:	5.3999999999999999E-2

Year:	2011
County Code:	41
Air Basin:	SF
Facility ID:	1507
Air District Name:	BA
SIC Code:	4952
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	31.876
Reactive Organic Gases Tons/Yr:	22.6498012
Carbon Monoxide Emissions Tons/Yr:	1.083
NOX - Oxides of Nitrogen Tons/Yr:	3.451
SOX - Oxides of Sulphur Tons/Yr:	0.258
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

Year:	2012
County Code:	41
Air Basin:	SF
Facility ID:	1507
Air District Name:	BA
SIC Code:	4952
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	31.876
Reactive Organic Gases Tons/Yr:	22.6498012
Carbon Monoxide Emissions Tons/Yr:	1.083
NOX - Oxides of Nitrogen Tons/Yr:	3.451
SOX - Oxides of Sulphur Tons/Yr:	0.258
Particulate Matter Tons/Yr:	0.058073770492
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0.058

Year:	2013
County Code:	41
Air Basin:	SF
Facility ID:	1507
Air District Name:	BA
SIC Code:	4952
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	15.909
Reactive Organic Gases Tons/Yr:	7.1851622
Carbon Monoxide Emissions Tons/Yr:	1.114
NOX - Oxides of Nitrogen Tons/Yr:	3.62
SOX - Oxides of Sulphur Tons/Yr:	0.259
Particulate Matter Tons/Yr:	0.064
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0.064

Year:	2014
County Code:	41

NORTH SAN MATEO COUNTY SANITAT (Continued) **U001594039**

Air Basin:	SF
Facility ID:	1507
Air District Name:	BA
SIC Code:	4952
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	27.906825898
Reactive Organic Gases Tons/Yr:	0
Carbon Monoxide Emissions Tons/Yr:	1.703723993
NOX - Oxides of Nitrogen Tons/Yr:	5.427926247
SOX - Oxides of Sulphur Tons/Yr:	2.256877227
Particulate Matter Tons/Yr:	0.110191779
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0.10971084

F31 **DALY CITY WASTEWATER PLANT** **LUST** **S103472717**
NW **153 LAKE MERCED** **N/A**
1/8-1/4 **DALY CITY, CA 94015**
0.195 mi.
1029 ft. **Site 2 of 10 in cluster F**

Relative:
Lower

Actual:
72 ft.

LUST REG 2:

Region:	2
Facility Id:	Not reported
Facility Status:	Post remedial action monitoring
Case Number:	220029
How Discovered:	OM
Leak Cause:	Unknown
Leak Source:	Unknown
Date Leak Confirmed:	Not reported
Oversight Program:	LUST
Prelim. Site Assesment Wokplan Submitted:	Not reported
Preliminary Site Assesment Began:	Not reported
Pollution Characterization Began:	Not reported
Pollution Remediation Plan Submitted:	Not reported
Date Remediation Action Underway:	Not reported
Date Post Remedial Action Monitoring Began:	1/1/1965

F32 **DALY CITY WATER TREATMENT PLANT** **UST** **U003782714**
NW **153 LAKE MERCED BLVD** **N/A**
1/8-1/4 **DALY CITY, CA 94015**
0.195 mi.
1029 ft. **Site 3 of 10 in cluster F**

Relative:
Lower

Actual:
72 ft.

UST:

Facility ID:	41-000-220063
Permitting Agency:	SAN MATEO COUNTY
Latitude:	37.7061597
Longitude:	-122.4835416

F33 **NORTH SAN MATEO COUNTY SANITATION DISTRICT WWTP** **LUST** **S101438168**
NW **153 LAKE MERCED BOULEVARD** **CHMIRS** **N/A**
1/8-1/4 **DALY CITY, CA 94015** **San Mateo Co. BI**
0.195 mi. **ENF**
1029 ft. **Site 4 of 10 in cluster F** **HIST CORTESE**
NPDES

Relative:
Lower

Actual:
72 ft.

LUST:

Region:	STATE
Global Id:	T0608100181
Latitude:	37.702842
Longitude:	-122.484221
Case Type:	LUST Cleanup Site
Status:	Completed - Case Closed
Status Date:	04/17/2014
Lead Agency:	SAN MATEO COUNTY LOP
Case Worker:	JM
Local Agency:	SAN MATEO COUNTY LOP
RB Case Number:	41-0190
LOC Case Number:	220029
File Location:	Local Agency
Potential Media Affect:	Other Groundwater (uses other than drinking water)
Potential Contaminants of Concern:	Gasoline
Site History:	Extracted from RRM's February 8, 2010 Case Closure Summary, San Mateo County does not take responsibility for the accuracy of the statements made or any professional interpretations made in the referenced report. The site is located at the City of Daly City Wastewater Treatment Plant located at the northeast corner of John Daly Avenue and Lake Merced Boulevard. The UST site is located in the southeast corner of the site, between two L-shaped buildings. The UST site is located east of the southerly L-shaped building. The existing USTs are overlain by a concrete slab, with two fuel dispensers located immediately west of the existing USTs. There are two southeast to northwest trending 33 diameter sanitary sewer lines immediately east/northeast of the UST excavation. In addition, a storm drain catch basin and storm drain pipe are also located northeast of the USTs. Four fuel USTs were formerly located at the WWTP near the vehicle maintenance operations for the Waste Water and Clean Water Department for Daly City. Two 10,000-gallon USTs were used to provide diesel fuel to an emergency generator and two 2,000 gallon unleaded gasoline USTs were used to fuel gasoline powered WWTP maintenance vehicles. A diesel pump pit, which connected the underground piping from the diesel tanks to the generators entered the building via an underground piping valve vault, was located near the northeast corner of the building. All of the old tanks and piping were replaced in 1998. The replacement included the installation of shoring around the existing tank excavation, and installation of new USTs at the same location as the old. During removal of the USTs, gasoline diesel contamination was found in soil in the area of the old fuel tank location. December 1989 to January 1990: A pressurized diesel fuel line connected from the adjacent building to a fuel pump in the diesel pump pit ruptured and leaked diesel into the soil. Samples collected by Applied Consultants in January 1990 indicated diesel contamination in the soils at the diesel pump pit. The underground piping and subsurface vault were removed. The diesel fuel line that connected the UST to the generator was replaced with steel piping. The piping was also relocated into a subsurface utility tunnel where visual inspection can be performed over the entire length of the piping. Soil samples P-1 through P-6 were collected

NORTH SAN MATEO COUNTY SANITATION DISTRICT WWTP (Continued) **S101438168**

from the excavation in the area of the diesel fuel release. The soil was excavated to a maximum depth of approximately 6 feet below grade surface (bgs). Approximately 86 cubic yards of soil were excavated and transported offsite for disposal. The excavation was not continued laterally and vertically due to the close proximity to the structure. The above information was obtained from the report, Soil Sampling Daly City Waste Water Treatment Plant, Applied Consultants, February 9, 1990. September 1991: Six soil borings were drilled north and south of the diesel pump pit. These borings, originally named B-1 through B-6, will be referred to in this report as HB-1 through HB-6 (Harding) to alleviate confusion with borings B-1 through B-5 drilled by EMC. HB-1 was located inside the limits of the diesel pump pit excavation. HB-2 was located north of the diesel pump pit, just south of the existing sanitary sewer lines. These borings were drilled to 20 and 25 feet bgs, respectively. The remaining four borings were drilled to 15 feet in depth, with HB-3 located southeast of the diesel pump pit and HB-4 and HB-5 located to the north of the existing 33 sanitary sewer lines. Diesel was detected in HB-1 at the former diesel pump pit excavation at the 10 and 15 feet depth intervals. Diesel was also detected in HB-6 9.5, just west of the storm drain inlet. Deeper samples from HB-6 at 15 and 20 feet were non detect for diesel. Diesel was also detected at the five foot depth interval of HB-3, which is southeast of the diesel pump pit. Diesel was not detected at any depth in HB-2, HB-3, HB-4, or HB-5. April 1997: Additional soil borings were installed as part of a pre-tank removal investigation in 1997. Three of the borings (B-1 through B-3) surrounded the UST excavation. Boring B-5 was located between the UST excavation and diesel pump pit excavation. The fifth boring, B-4, was drilled in the diesel pump pit excavation. B-1 through B-3, the borings surrounding the UST excavation, were drilled to approximately 20 feet in depth. B-4, drilled through the diesel pump pit excavation, was extended to 35 feet in depth. Boring B-5, located between the diesel pump pit and UST excavation, was only advanced to 8 feet in depth due to auger refusal. An imported loose gravel backfill was encountered in borings B-1 through B-4 to depths of up to 14 feet bgs (boring B-1). Soils beneath the gravel generally consisted of interbedded sand, silty sand, and sandy silt. A silty clay was encountered in boring B-1 from 19 feet bgs to the total depth of the boring (21.5 feet bgs). Diesel was detected in all three borings (B-1 to B-3) surrounding the UST excavation, at both the 15 and 20 feet sampling interval. Gasoline was also reported in B-1 and B-2 but was not detected in B-3. At the diesel pump pit excavation, diesel was detected in boring B-4 at depths ranging from 6 to 26 feet in depth. Diesel was not detected in a deeper sample collected at 30 feet. During this phase of investigation, soil samples were analyzed for MTBE and lead. MTBE was not detected in any of the soil samples. Lead was detected at concentrations ranging from 1 to 11 mg/kg. None of the reported lead concentrations are above regulatory levels. December 1998: The four existing USTs were removed and replaced in essentially the same location. The removal of the USTs required the installation of shoring. During the tank replacement effort, 1,010 cubic yards of diesel impacted soils were removed from the limits of the shoring and disposed off site. After installation of the new tanks, clean backfill was placed in the excavation. Soil samples SS-1 through SS-18 were collected from below the removed USTs and from the limits of the excavation to depths up to 18 feet below ground surface. The results of the sampling indicated gasoline and diesel in

NORTH SAN MATEO COUNTY SANITATION DISTRICT WWTP (Continued) **S101438168**

SS-1 through SS-6, collected below the former USTs. In addition, diesel was also detected at the 15 or 18 feet depth interval in samples collected along the western (SS-10 and SS-12) and northern (SS-13 and SS-14) limits of the excavation. Soil samples collected below the gasoline tanks (SS-5 and SS-6) were also analyzed for lead. Lead was detected in both samples at 3 mg/kg, well below any regulatory level. All 28 soil samples during this phase were also analyzed for MTBE. MTBE was detected in SS-13 15 at a concentration of 0.584 mg/kg. MTBE was not detected in any of the remaining 27 samples.

Click here to access the California GeoTracker records for this facility:

Contact:

Global Id:	T0608100181
Contact Type:	Local Agency Caseworker
Contact Name:	JACOB MADDEN
Organization Name:	SAN MATEO COUNTY LOP
Address:	2000 ALAMEDA DE LAS PULGAS
City:	SAN MATEO
Email:	jmadden@smcgov.org
Phone Number:	6503726298

Global Id:	T0608100181
Contact Type:	Regional Board Caseworker
Contact Name:	Regional Water Board
Organization Name:	SAN FRANCISCO BAY RWQCB (REGION 2)
Address:	1515 CLAY ST SUITE 1400
City:	OAKLAND
Email:	Not reported
Phone Number:	Not reported

Status History:

Global Id:	T0608100181
Status:	Open - Case Begin Date
Status Date:	02/01/1990

Global Id:	T0608100181
Status:	Open - Verification Monitoring
Status Date:	02/01/1990

Global Id:	T0608100181
Status:	Open - Eligible for Closure
Status Date:	11/19/2013

Global Id:	T0608100181
Status:	Completed - Case Closed
Status Date:	04/17/2014

Regulatory Activities:

Global Id:	T0608100181
Action Type:	ENFORCEMENT
Date:	03/06/2008
Action:	Staff Letter - #20080306

Global Id:	T0608100181
Action Type:	ENFORCEMENT

NORTH SAN MATEO COUNTY SANITATION DISTRICT WWTP (Continued) **S101438168**

Date: 08/21/1991
Action: Staff Letter - #19910821

Global Id: T0608100181
Action Type: ENFORCEMENT
Date: 12/03/2003
Action: Staff Letter - #20031203

Global Id: T0608100181
Action Type: ENFORCEMENT
Date: 09/08/1992
Action: Staff Letter - #19920908

Global Id: T0608100181
Action Type: ENFORCEMENT
Date: 07/22/1992
Action: Staff Letter - #19920722

Global Id: T0608100181
Action Type: ENFORCEMENT
Date: 05/30/2012
Action: Staff Letter - #20120530

Global Id: T0608100181
Action Type: RESPONSE
Date: 05/08/2012
Action: Soil and Water Investigation Workplan - Addendum

Global Id: T0608100181
Action Type: ENFORCEMENT
Date: 08/18/1992
Action: Warning Letter - #19920818

Global Id: T0608100181
Action Type: ENFORCEMENT
Date: 01/28/2014
Action: Notification - Preclosure - #20140128

Global Id: T0608100181
Action Type: ENFORCEMENT
Date: 07/21/2009
Action: Staff Letter - #20090721

Global Id: T0608100181
Action Type: ENFORCEMENT
Date: 08/27/2009
Action: Staff Letter - #20090827

Global Id: T0608100181
Action Type: RESPONSE
Date: 08/28/2012
Action: Soil and Water Investigation Report - Regulator Responded

Global Id: T0608100181
Action Type: ENFORCEMENT
Date: 04/17/2014
Action: Closure/No Further Action Letter - #20140417

NORTH SAN MATEO COUNTY SANITATION DISTRICT WWTP (Continued) **S101438168**

Global Id: T0608100181
Action Type: Other
Date: 02/01/1990
Action: Leak Reported

Global Id: T0608100181
Action Type: ENFORCEMENT
Date: 05/17/2010
Action: Staff Letter - #20100517

Global Id: T0608100181
Action Type: REMEDIATION
Date: 01/01/1990
Action: Excavation

Global Id: T0608100181
Action Type: RESPONSE
Date: 10/26/2009
Action: Soil and Water Investigation Workplan

Global Id: T0608100181
Action Type: REMEDIATION
Date: 12/01/1998
Action: Excavation

Global Id: T0608100181
Action Type: ENFORCEMENT
Date: 07/18/1991
Action: Notice of Responsibility - #1

Global Id: T0608100181
Action Type: ENFORCEMENT
Date: 01/12/2012
Action: Staff Letter - #20120112

Global Id: T0608100181
Action Type: Other
Date: 02/14/1990
Action: Leak Discovery

SAN MATEO CO. LUST:
Region: SAN MATEO
Facility ID: 220029
Facility Status: 9- Case Closed
Global ID: T0608100181
APN Number: 002150330
Case Type: SAN MATEO CO. LUST
EDR Link ID: SAN MATEO CO. LUST

CHMIRS:
OES Incident Number: 13-5942
OES notification: 09/21/2013
OES Date: Not reported
OES Time: Not reported
Date Completed: **Not reported**

NORTH SAN MATEO COUNTY SANITATION DISTRICT WWTP (Continued) **S101438168**

Property Use:	Not reported
Agency Id Number:	Not reported
Agency Incident Number:	Not reported
Time Notified:	Not reported
Time Completed:	Not reported
Surrounding Area:	Not reported
Estimated Temperature:	Not reported
Property Management:	Not reported
More Than Two Substances Involved?:	Not reported
Resp Agncy Personel # Of Decontaminated:	Not reported
Responding Agency Personel # Of Injuries:	Not reported
Responding Agency Personel # Of Fatalities:	Not reported
Others Number Of Decontaminated:	Not reported
Others Number Of Injuries:	Not reported
Others Number Of Fatalities:	Not reported
Vehicle Make/year:	Not reported
Vehicle License Number:	Not reported
Vehicle State:	Not reported
Vehicle Id Number:	Not reported
CA DOT PUC/ICC Number:	Not reported
Company Name:	Not reported
Reporting Officer Name/ID:	Not reported
Report Date:	Not reported
Facility Telephone:	Not reported
Waterway Involved:	Yes
Waterway:	Storm Drain
Spill Site:	Treatment/Sewage Facility
Cleanup By:	Reporting Party
Containment:	Not reported
What Happened:	Not reported
Type:	Not reported
Measure:	Gal(s)
Other:	Not reported
Date/Time:	1110
Year:	2013
Agency:	City Daly City Waste Water Treatment Plant
Incident Date:	9/21/2013
Admin Agency:	San Mateo County Environmental Health
Amount:	Not reported
Contained:	Yes
Site Type:	Storm Drain
E Date:	Not reported
Substance:	Sewage
Quantity Released:	200
Unknown:	Not reported
Substance #2:	Not reported
Substance #3:	Not reported
Evacuations:	Not reported
Number of Injuries:	Not reported
Number of Fatalities:	Not reported
#1 Pipeline:	Not reported
#2 Pipeline:	Not reported
#3 Pipeline:	Not reported
#1 Vessel >= 300 Tons:	Not reported
#2 Vessel >= 300 Tons:	Not reported
#3 Vessel >= 300 Tons:	Not reported
Evacs:	Not reported

NORTH SAN MATEO COUNTY SANITATION DISTRICT WWTP (Continued) **S101438168**

Injuries: Not reported
Fatals: Not reported
Comments: Not reported
Description: Caller states: The headworks at the treatment plant backed up and overflowed causing the release. The release was down the roadway and the majority of the release went into facility drains. 200 gallons of the release went into the storm drain.

San Mateo Co. BI:

Region: SAN MATEO
Facility ID: FA0022085
Prog Element Code: GENERATES and RECYCLES WASTE OIL/SOLVENT
Record Id: PR0023777
Description: GENERATES & RECYCLES WASTE OIL/SOLVENT
Facility Status: ACTIVE

Region: SAN MATEO
Facility ID: FA0022085
Prog Element Code: STORES HAZ MAT <3,499GAL,27,999LB,13,999FT3
Record Id: PR0000007
Description: STORES HAZ MAT <3,499GAL,27,999LB,13,999CF
Facility Status: ACTIVE

Region: SAN MATEO
Facility ID: FA0022085
Prog Element Code: 2352
Record Id: PR0079697
Description: TIER I: TANK STOR CAP =>1,320 & <5,000 GAL
Facility Status: ACTIVE

Region: SAN MATEO
Facility ID: FA0023096
Prog Element Code: STORES MV FUELS OR WASTE ONLY
Record Id: PR0026289
Description: STORES MV FUELS OR WASTE ONLY
Facility Status: ACTIVE

Region: SAN MATEO
Facility ID: FA0023096
Prog Element Code: UNDERGROUND TANK - GENERAL
Record Id: PR0022290
Description: UNDERGROUND TANK - GENERAL
Facility Status: ACTIVE

Region: SAN MATEO
Facility ID: FA0022085
Prog Element Code: STORES HAZ MAT <219GAL,1,999LB, 879FT3
Record Id: PR0026267
Description: STORES HAZ MAT <219GAL,1,999LB, 879CF
Facility Status: INACTIVE

Region: SAN MATEO
Facility ID: FA0023096
Prog Element Code: GENERATES and RECYCLES WASTE OIL/SOLVENT
Record Id: PR0026288

NORTH SAN MATEO COUNTY SANITATION DISTRICT WWTP (Continued) **S101438168**

Description: GENERATES & RECYCLES WASTE OIL/SOLVENT
Facility Status: INACTIVE

ENF:

Region:	2
Facility Id:	244566
Agency Name:	North San Mateo County Sanitation District
Place Type:	Utility
Place Subtype:	Wastewater Treatment Facility
Facility Type:	Municipal/Domestic
Agency Type:	Special District
# Of Agencies:	1
Place Latitude:	37.702790
Place Longitude:	-122.485010
SIC Code 1:	4952
SIC Desc 1:	Sewerage Systems
SIC Code 2:	Not reported
SIC Desc 2:	Not reported
SIC Code 3:	Not reported
SIC Desc 3:	Not reported
NAICS Code 1:	Not reported
NAICS Desc 1:	Not reported
NAICS Code 2:	Not reported
NAICS Desc 2:	Not reported
NAICS Code 3:	Not reported
NAICS Desc 3:	Not reported
# Of Places:	1
Source Of Facility:	Reg Meas
Design Flow:	8
Threat To Water Quality:	2
Complexity:	A
Pretreatment:	N - POTW does not have EPA approved pretreatment prog.
Facility Waste Type:	Domestic wastewater
Facility Waste Type 2:	Not reported
Facility Waste Type 3:	Not reported
Facility Waste Type 4:	Not reported
Program:	NPDMUNILRG
Program Category1:	NPDESWW
Program Category2:	NPDESWW
# Of Programs:	1
WDID:	2 417021001
Reg Measure Id:	147250
Reg Measure Type:	NPDES Permits
Region:	2
Order #:	R2-2000-0017
Npdes# CA#:	CA0037737
Major-Minor:	Major
Npdes Type:	MUN
Reclamation:	2 - Producer-User
Dredge Fill Fee:	Not reported
301H:	N
Application Fee Amt Received:	Not reported
Status:	Historical
Status Date:	12/01/2006
Effective Date:	03/15/2000
Expiration/Review Date:	03/15/2005
Termination Date:	12/01/2006

NORTH SAN MATEO COUNTY SANITATION DISTRICT WWTP (Continued) **S101438168**

WDR Review - Amend:	Not reported
WDR Review - Revise/Renew:	Not reported
WDR Review - Rescind:	Not reported
WDR Review - No Action Required:	Not reported
WDR Review - Pending:	Not reported
WDR Review - Planned:	Not reported
Status Enrollee:	N
Individual/General:	I
Fee Code:	66 - NPDES Based on Flow
Direction/Voice:	Passive
Enforcement Id(EID):	255345
Region:	2
Order / Resolution Number:	R2-2004-0097
Enforcement Action Type:	Admin Civil Liability
Effective Date:	02/04/2005
Adoption/Issuance Date:	Not reported
Achieve Date:	Not reported
Termination Date:	Not reported
ACL Issuance Date:	Not reported
EPL Issuance Date:	Not reported
Status:	Historical
Title:	Enforcement - R2-2004-0097-MMP for NORTH SAN MATEO WWTP 2 417021001
Description:	MMP for violations in September 2002.
Program:	NPDMUNILRG
Latest Milestone Completion Date:	4/3/2006
# Of Programs1:	1
Total Assessment Amount:	6000
Initial Assessed Amount:	0
Liability $ Amount:	0
Project $ Amount:	0
Liability $ Paid:	0
Project $ Completed:	0
Total $ Paid/Completed Amount:	6000

Region:	2
Facility Id:	244566
Agency Name:	North San Mateo County Sanitation District
Place Type:	Utility
Place Subtype:	Wastewater Treatment Facility
Facility Type:	Municipal/Domestic
Agency Type:	Special District
# Of Agencies:	1
Place Latitude:	37.702790
Place Longitude:	-122.485010
SIC Code 1:	4952
SIC Desc 1:	Sewerage Systems
SIC Code 2:	Not reported
SIC Desc 2:	Not reported
SIC Code 3:	Not reported
SIC Desc 3:	Not reported
NAICS Code 1:	Not reported
NAICS Desc 1:	Not reported
NAICS Code 2:	Not reported
NAICS Desc 2:	Not reported
NAICS Code 3:	Not reported
NAICS Desc 3:	Not reported
# Of Places:	1

NORTH SAN MATEO COUNTY SANITATION DISTRICT WWTP (Continued) **S101438168**

Source Of Facility:	Reg Meas
Design Flow:	8
Threat To Water Quality:	2
Complexity:	A
Pretreatment:	N - POTW does not have EPA approved pretreatment prog.
Facility Waste Type:	Domestic wastewater
Facility Waste Type 2:	Not reported
Facility Waste Type 3:	Not reported
Facility Waste Type 4:	Not reported
Program:	NPDMUNILRG
Program Category1:	NPDESWW
Program Category2:	NPDESWW
# Of Programs:	1
WDID:	2 417021001
Reg Measure Id:	147250
Reg Measure Type:	NPDES Permits
Region:	2
Order #:	R2-2000-0017
Npdes# CA#:	CA0037737
Major-Minor:	Major
Npdes Type:	MUN
Reclamation:	2 - Producer-User
Dredge Fill Fee:	Not reported
301H:	N
Application Fee Amt Received:	Not reported
Status:	Historical
Status Date:	12/01/2006
Effective Date:	03/15/2000
Expiration/Review Date:	03/15/2005
Termination Date:	12/01/2006
WDR Review - Amend:	Not reported
WDR Review - Revise/Renew:	Not reported
WDR Review - Rescind:	Not reported
WDR Review - No Action Required:	Not reported
WDR Review - Pending:	Not reported
WDR Review - Planned:	Not reported
Status Enrollee:	N
Individual/General:	I
Fee Code:	66 - NPDES Based on Flow
Direction/Voice:	Passive
Enforcement Id(EID):	250023
Region:	2
Order / Resolution Number:	R2-2002-0036
Enforcement Action Type:	Admin Civil Liability
Effective Date:	09/17/2003
Adoption/Issuance Date:	09/17/2003
Achieve Date:	Not reported
Termination Date:	10/24/2005
ACL Issuance Date:	Not reported
EPL Issuance Date:	Not reported
Status:	Historical
Title:	Enforcement - 2 417021001
Description:	$35,180 penalty including $5,000 staff cost for failure to miaintain ELAP accreditation since December 31, 1984.
Program:	NPDMUNILRG
Latest Milestone Completion Date:	10/24/2005
# Of Programs1:	1

NORTH SAN MATEO COUNTY SANITATION DISTRICT WWTP (Continued) **S101438168**

Total Assessment Amount:	35180
Initial Assessed Amount:	0
Liability $ Amount:	5000
Project $ Amount:	0
Liability $ Paid:	5000
Project $ Completed:	0
Total $ Paid/Completed Amount:	5000
Region:	2
Facility Id:	244566
Agency Name:	North San Mateo County Sanitation District
Place Type:	Utility
Place Subtype:	Wastewater Treatment Facility
Facility Type:	Municipal/Domestic
Agency Type:	Special District
# Of Agencies:	1
Place Latitude:	37.702790
Place Longitude:	-122.485010
SIC Code 1:	4952
SIC Desc 1:	Sewerage Systems
SIC Code 2:	Not reported
SIC Desc 2:	Not reported
SIC Code 3:	Not reported
SIC Desc 3:	Not reported
NAICS Code 1:	Not reported
NAICS Desc 1:	Not reported
NAICS Code 2:	Not reported
NAICS Desc 2:	Not reported
NAICS Code 3:	Not reported
NAICS Desc 3:	Not reported
# Of Places:	1
Source Of Facility:	Reg Meas
Design Flow:	8
Threat To Water Quality:	2
Complexity:	A
Pretreatment:	N - POTW does not have EPA approved pretreatment prog.
Facility Waste Type:	Domestic wastewater
Facility Waste Type 2:	Not reported
Facility Waste Type 3:	Not reported
Facility Waste Type 4:	Not reported
Program:	NPDMUNILRG
Program Category1:	NPDESWW
Program Category2:	NPDESWW
# Of Programs:	1
WDID:	2 417021001
Reg Measure Id:	383103
Reg Measure Type:	NPDES Permits
Region:	2
Order #:	R2-2012-0013
Npdes# CA#:	CA0037737
Major-Minor:	Major
Npdes Type:	MUN
Reclamation:	2 - Producer-User
Dredge Fill Fee:	Not reported
301H:	N
Application Fee Amt Received:	Not reported
Status:	Active

NORTH SAN MATEO COUNTY SANITATION DISTRICT WWTP (Continued) **S101438168**

Status Date:	10/16/2012
Effective Date:	04/01/2012
Expiration/Review Date:	03/31/2017
Termination Date:	Not reported
WDR Review - Amend:	Not reported
WDR Review - Revise/Renew:	Not reported
WDR Review - Rescind:	Not reported
WDR Review - No Action Required:	Not reported
WDR Review - Pending:	Not reported
WDR Review - Planned:	Not reported
Status Enrollee:	N
Individual/General:	I
Fee Code:	66 - NPDES Based on Flow
Direction/Voice:	Passive
Enforcement Id(EID):	407979
Region:	2
Order / Resolution Number:	Not reported
Enforcement Action Type:	Oral Communication
Effective Date:	02/17/2015
Adoption/Issuance Date:	02/17/2015
Achieve Date:	Not reported
Termination Date:	02/17/2015
ACL Issuance Date:	Not reported
EPL Issuance Date:	Not reported
Status:	Historical
Title:	Oral Com 02/17/2015 for North San Mateo County Sanitation District
Description:	Not reported
Program:	NPDMUNILRG
Latest Milestone Completion Date:	Not reported
# Of Programs1:	1
Total Assessment Amount:	0
Initial Assessed Amount:	0
Liability $ Amount:	0
Project $ Amount:	0
Liability $ Paid:	0
Project $ Completed:	0
Total $ Paid/Completed Amount:	0

Region:	2
Facility Id:	244566
Agency Name:	North San Mateo County Sanitation District
Place Type:	Utility
Place Subtype:	Wastewater Treatment Facility
Facility Type:	Municipal/Domestic
Agency Type:	Special District
# Of Agencies:	1
Place Latitude:	37.702790
Place Longitude:	-122.485010
SIC Code 1:	4952
SIC Desc 1:	Sewerage Systems
SIC Code 2:	Not reported
SIC Desc 2:	Not reported
SIC Code 3:	Not reported
SIC Desc 3:	Not reported
NAICS Code 1:	Not reported
NAICS Desc 1:	Not reported
NAICS Code 2:	Not reported

NORTH SAN MATEO COUNTY SANITATION DISTRICT WWTP (Continued) **S101438168**

NAICS Desc 2:	Not reported
NAICS Code 3:	Not reported
NAICS Desc 3:	Not reported
# Of Places:	1
Source Of Facility:	Reg Meas
Design Flow:	8
Threat To Water Quality:	2
Complexity:	A
Pretreatment:	N - POTW does not have EPA approved pretreatment prog.
Facility Waste Type:	Domestic wastewater
Facility Waste Type 2:	Not reported
Facility Waste Type 3:	Not reported
Facility Waste Type 4:	Not reported
Program:	NPDMUNILRG
Program Category1:	NPDESWW
Program Category2:	NPDESWW
# Of Programs:	1
WDID:	2 417021001
Reg Measure Id:	383103
Reg Measure Type:	NPDES Permits
Region:	2
Order #:	R2-2012-0013
Npdes# CA#:	CA0037737
Major-Minor:	Major
Npdes Type:	MUN
Reclamation:	2 - Producer-User
Dredge Fill Fee:	Not reported
301H:	N
Application Fee Amt Received:	Not reported
Status:	Active
Status Date:	10/16/2012
Effective Date:	04/01/2012
Expiration/Review Date:	03/31/2017
Termination Date:	Not reported
WDR Review - Amend:	Not reported
WDR Review - Revise/Renew:	Not reported
WDR Review - Rescind:	Not reported
WDR Review - No Action Required:	Not reported
WDR Review - Pending:	Not reported
WDR Review - Planned:	Not reported
Status Enrollee:	N
Individual/General:	I
Fee Code:	66 - NPDES Based on Flow
Direction/Voice:	Passive
Enforcement Id(EID):	407976
Region:	2
Order / Resolution Number:	Not reported
Enforcement Action Type:	Staff Enforcement Letter
Effective Date:	10/05/2015
Adoption/Issuance Date:	10/05/2015
Achieve Date:	Not reported
Termination Date:	01/07/2016
ACL Issuance Date:	Not reported
EPL Issuance Date:	Not reported
Status:	Historical
Title:	SEL 10/05/2015 for North San Mateo County Sanitation District
Description:	Unauthorized release occurred between December 11 and

NORTH SAN MATEO COUNTY SANITATION DISTRICT WWTP (Continued) **S101438168**

December 12, 2014 (Violation ID#985190) due to effluent pump malfunction during significant rain events. More than 22,000 gallons of secondary treated but undisinfected effluent overflew into the storm drain and the Pacific Ocean. We followed it up in the 2015 Compliance Evaluation Inspection which, among other things, required NSMCSD to submit a comprehensive discussion of corrective actions taken or planned to improve their wastewater collection and treatment practices. NSMCSD responded on November 19, 2015, in part, by revising and resubmitting its December 2014 SMR to address the issue. See attachments.

Program:	NPDMUNILRG
Latest Milestone Completion Date:	Not reported
# Of Programs1:	1
Total Assessment Amount:	0
Initial Assessed Amount:	0
Liability $ Amount:	0
Project $ Amount:	0
Liability $ Paid:	0
Project $ Completed:	0
Total $ Paid/Completed Amount:	0

Region:	2
Facility Id:	244566
Agency Name:	North San Mateo County Sanitation District
Place Type:	Utility
Place Subtype:	Wastewater Treatment Facility
Facility Type:	Municipal/Domestic
Agency Type:	Special District
# Of Agencies:	1
Place Latitude:	37.702790
Place Longitude:	-122.485010
SIC Code 1:	4952
SIC Desc 1:	Sewerage Systems
SIC Code 2:	Not reported
SIC Desc 2:	Not reported
SIC Code 3:	Not reported
SIC Desc 3:	Not reported
NAICS Code 1:	Not reported
NAICS Desc 1:	Not reported
NAICS Code 2:	Not reported
NAICS Desc 2:	Not reported
NAICS Code 3:	Not reported
NAICS Desc 3:	Not reported
# Of Places:	1
Source Of Facility:	Reg Meas
Design Flow:	8
Threat To Water Quality:	2
Complexity:	A
Pretreatment:	N - POTW does not have EPA approved pretreatment prog.
Facility Waste Type:	Domestic wastewater
Facility Waste Type 2:	Not reported
Facility Waste Type 3:	Not reported
Facility Waste Type 4:	Not reported
Program:	NPDMUNILRG
Program Category1:	NPDESWW
Program Category2:	NPDESWW

NORTH SAN MATEO COUNTY SANITATION DISTRICT WWTP (Continued) **S101438168**

# Of Programs:	1
WDID:	2 417021001
Reg Measure Id:	383103
Reg Measure Type:	NPDES Permits
Region:	2
Order #:	R2-2012-0013
Npdes# CA#:	CA0037737
Major-Minor:	Major
Npdes Type:	MUN
Reclamation:	2 - Producer-User
Dredge Fill Fee:	Not reported
301H:	N
Application Fee Amt Received:	Not reported
Status:	Active
Status Date:	10/16/2012
Effective Date:	04/01/2012
Expiration/Review Date:	03/31/2017
Termination Date:	Not reported
WDR Review - Amend:	Not reported
WDR Review - Revise/Renew:	Not reported
WDR Review - Rescind:	Not reported
WDR Review - No Action Required:	Not reported
WDR Review - Pending:	Not reported
WDR Review - Planned:	Not reported
Status Enrollee:	N
Individual/General:	I
Fee Code:	66 - NPDES Based on Flow
Direction/Voice:	Passive
Enforcement Id(EID):	394024
Region:	2
Order / Resolution Number:	Not reported
Enforcement Action Type:	Notice of Violation
Effective Date:	11/22/2013
Adoption/Issuance Date:	11/22/2013
Achieve Date:	Not reported
Termination Date:	12/31/2013
ACL Issuance Date:	Not reported
EPL Issuance Date:	Not reported
Status:	Historical
Title:	NOV 11/22/2013 for North San Mateo County Sanitation District
Description:	On December 13, 2012, the District discharged 1.31 million gallons of partially disinfected effluent into the Pacific Ocean. The incident occurred after 100 gallons of sodium bisulfite was accidentally pumped into the tank storing sodium hypochlorite, neutralizing its chemical strength. For two periods, totaling 3 hours and 42 minutes, the District allowed the plant discharge to proceed without evidence that adequate chlorine was present in the contact basin. The District did not report the incident discussed above to the Regional Water Board, the California Emergency Management Agency, or local health officers.
Program:	NPDMUNILRG
Latest Milestone Completion Date:	Not reported
# Of Programs1:	1
Total Assessment Amount:	0
Initial Assessed Amount:	0
Liability $ Amount:	0

NORTH SAN MATEO COUNTY SANITATION DISTRICT WWTP (Continued) **S101438168**

Project $ Amount:	0
Liability $ Paid:	0
Project $ Completed:	0
Total $ Paid/Completed Amount:	0
Region:	2
Facility Id:	244566
Agency Name:	North San Mateo County Sanitation District
Place Type:	Utility
Place Subtype:	Wastewater Treatment Facility
Facility Type:	Municipal/Domestic
Agency Type:	Special District
# Of Agencies:	1
Place Latitude:	37.702790
Place Longitude:	-122.485010
SIC Code 1:	4952
SIC Desc 1:	Sewerage Systems
SIC Code 2:	Not reported
SIC Desc 2:	Not reported
SIC Code 3:	Not reported
SIC Desc 3:	Not reported
NAICS Code 1:	Not reported
NAICS Desc 1:	Not reported
NAICS Code 2:	Not reported
NAICS Desc 2:	Not reported
NAICS Code 3:	Not reported
NAICS Desc 3:	Not reported
# Of Places:	1
Source Of Facility:	Reg Meas
Design Flow:	8
Threat To Water Quality:	2
Complexity:	A
Pretreatment:	N - POTW does not have EPA approved pretreatment prog.
Facility Waste Type:	Domestic wastewater
Facility Waste Type 2:	Not reported
Facility Waste Type 3:	Not reported
Facility Waste Type 4:	Not reported
Program:	NPDMUNILRG
Program Category1:	NPDESWW
Program Category2:	NPDESWW
# Of Programs:	1
WDID:	2 417021001
Reg Measure Id:	383103
Reg Measure Type:	NPDES Permits
Region:	2
Order #:	R2-2012-0013
Npdes# CA#:	CA0037737
Major-Minor:	Major
Npdes Type:	MUN
Reclamation:	2 - Producer-User
Dredge Fill Fee:	Not reported
301H:	N
Application Fee Amt Received:	Not reported
Status:	Active
Status Date:	10/16/2012
Effective Date:	04/01/2012
Expiration/Review Date:	03/31/2017

NORTH SAN MATEO COUNTY SANITATION DISTRICT WWTP (Continued) **S101438168**

Termination Date:	Not reported
WDR Review - Amend:	Not reported
WDR Review - Revise/Renew:	Not reported
WDR Review - Rescind:	Not reported
WDR Review - No Action Required:	Not reported
WDR Review - Pending:	Not reported
WDR Review - Planned:	Not reported
Status Enrollee:	N
Individual/General:	I
Fee Code:	66 - NPDES Based on Flow
Direction/Voice:	Passive
Enforcement Id(EID):	393906
Region:	2
Order / Resolution Number:	Not reported
Enforcement Action Type:	Oral Communication
Effective Date:	09/26/2013
Adoption/Issuance Date:	09/26/2013
Achieve Date:	Not reported
Termination Date:	09/26/2013
ACL Issuance Date:	Not reported
EPL Issuance Date:	Not reported
Status:	Historical
Title:	Oral Com 09/23/2013 for North San Mateo County Sanitation District
Description:	Overflow of 125 gallons sewage from Headwork#2 to a stormdrain. WB staff determined oral com was appropriate becasue: (1) the incident was relatively minor (2) the corrective actions the Discharger implemented were adequate, and (3) no similiar incident occured recently (the last release occurred in August 1995).
Program:	NPDMUNILRG
Latest Milestone Completion Date:	Not reported
# Of Programs1:	1
Total Assessment Amount:	0
Initial Assessed Amount:	0
Liability $ Amount:	0
Project $ Amount:	0
Liability $ Paid:	0
Project $ Completed:	0
Total $ Paid/Completed Amount:	0
Region:	2
Facility Id:	244566
Agency Name:	North San Mateo County Sanitation District
Place Type:	Utility
Place Subtype:	Wastewater Treatment Facility
Facility Type:	Municipal/Domestic
Agency Type:	Special District
# Of Agencies:	1
Place Latitude:	37.702790
Place Longitude:	-122.485010
SIC Code 1:	4952
SIC Desc 1:	Sewerage Systems
SIC Code 2:	Not reported
SIC Desc 2:	Not reported
SIC Code 3:	Not reported
SIC Desc 3:	Not reported
NAICS Code 1:	Not reported

NORTH SAN MATEO COUNTY SANITATION DISTRICT WWTP (Continued) **S101438168**

NAICS Desc 1:	Not reported
NAICS Code 2:	Not reported
NAICS Desc 2:	Not reported
NAICS Code 3:	Not reported
NAICS Desc 3:	Not reported
# Of Places:	1
Source Of Facility:	Reg Meas
Design Flow:	8
Threat To Water Quality:	2
Complexity:	A
Pretreatment:	N - POTW does not have EPA approved pretreatment prog.
Facility Waste Type:	Domestic wastewater
Facility Waste Type 2:	Not reported
Facility Waste Type 3:	Not reported
Facility Waste Type 4:	Not reported
Program:	NPDMUNILRG
Program Category1:	NPDESWW
Program Category2:	NPDESWW
# Of Programs:	1
WDID:	2 417021001
Reg Measure Id:	383103
Reg Measure Type:	NPDES Permits
Region:	2
Order #:	R2-2012-0013
Npdes# CA#:	CA0037737
Major-Minor:	Major
Npdes Type:	MUN
Reclamation:	2 - Producer-User
Dredge Fill Fee:	Not reported
301H:	N
Application Fee Amt Received:	Not reported
Status:	Active
Status Date:	10/16/2012
Effective Date:	04/01/2012
Expiration/Review Date:	03/31/2017
Termination Date:	Not reported
WDR Review - Amend:	Not reported
WDR Review - Revise/Renew:	Not reported
WDR Review - Rescind:	Not reported
WDR Review - No Action Required:	Not reported
WDR Review - Pending:	Not reported
WDR Review - Planned:	Not reported
Status Enrollee:	N
Individual/General:	I
Fee Code:	66 - NPDES Based on Flow
Direction/Voice:	Passive
Enforcement Id(EID):	393889
Region:	2
Order / Resolution Number:	Not reported
Enforcement Action Type:	Oral Communication
Effective Date:	08/01/2013
Adoption/Issuance Date:	08/01/2013
Achieve Date:	Not reported
Termination Date:	08/02/2013
ACL Issuance Date:	Not reported
EPL Issuance Date:	Not reported
Status:	Historical

NORTH SAN MATEO COUNTY SANITATION DISTRICT WWTP (Continued) **S101438168**

Title:	Oral Com 08/01/2013 for North San Mateo County Sanitation District
Description:	During the first week of this month the scheduled weekly final effluent Enterococcus sample was not collected. WB staff concurred with Discharger's corrective measures (Discharger's staff has reviewed sampling schedules and procedures. The Lab supervisor has been directed to review all scheduled sampling requirements collected for the week and on Thursdays he is required to verify all have been collected and sent out or analyzed on site. Furthermore, he is to review and prepare a report advising staff that sampling for the prior week is or is not complete and state what the upcoming weeks sampling schedule will be.)
Program:	NPDMUNILRG
Latest Milestone Completion Date:	Not reported
# Of Programs1:	1
Total Assessment Amount:	0
Initial Assessed Amount:	0
Liability $ Amount:	0
Project $ Amount:	0
Liability $ Paid:	0
Project $ Completed:	0
Total $ Paid/Completed Amount:	0
Region:	2
Facility Id:	244566
Agency Name:	North San Mateo County Sanitation District
Place Type:	Utility
Place Subtype:	Wastewater Treatment Facility
Facility Type:	Municipal/Domestic
Agency Type:	Special District
# Of Agencies:	1
Place Latitude:	37.702790
Place Longitude:	-122.485010
SIC Code 1:	4952
SIC Desc 1:	Sewerage Systems
SIC Code 2:	Not reported
SIC Desc 2:	Not reported
SIC Code 3:	Not reported
SIC Desc 3:	Not reported
NAICS Code 1:	Not reported
NAICS Desc 1:	Not reported
NAICS Code 2:	Not reported
NAICS Desc 2:	Not reported
NAICS Code 3:	Not reported
NAICS Desc 3:	Not reported
# Of Places:	1
Source Of Facility:	Reg Meas
Design Flow:	8
Threat To Water Quality:	2
Complexity:	A
Pretreatment:	N - POTW does not have EPA approved pretreatment prog.
Facility Waste Type:	Domestic wastewater
Facility Waste Type 2:	Not reported
Facility Waste Type 3:	Not reported
Facility Waste Type 4:	Not reported
Program:	NPDMUNILRG
Program Category1:	NPDESWW

NORTH SAN MATEO COUNTY SANITATION DISTRICT WWTP (Continued) **S101438168**

Program Category2:	NPDESWW
# Of Programs:	1
WDID:	2 417021001
Reg Measure Id:	383103
Reg Measure Type:	NPDES Permits
Region:	2
Order #:	R2-2012-0013
Npdes# CA#:	CA0037737
Major-Minor:	Major
Npdes Type:	MUN
Reclamation:	2 - Producer-User
Dredge Fill Fee:	Not reported
301H:	N
Application Fee Amt Received:	Not reported
Status:	Active
Status Date:	10/16/2012
Effective Date:	04/01/2012
Expiration/Review Date:	03/31/2017
Termination Date:	Not reported
WDR Review - Amend:	Not reported
WDR Review - Revise/Renew:	Not reported
WDR Review - Rescind:	Not reported
WDR Review - No Action Required:	Not reported
WDR Review - Pending:	Not reported
WDR Review - Planned:	Not reported
Status Enrollee:	N
Individual/General:	I
Fee Code:	66 - NPDES Based on Flow
Direction/Voice:	Passive
Enforcement Id(EID):	389772
Region:	2
Order / Resolution Number:	Not reported
Enforcement Action Type:	Oral Communication
Effective Date:	11/30/2012
Adoption/Issuance Date:	11/30/2012
Achieve Date:	Not reported
Termination Date:	11/30/2012
ACL Issuance Date:	Not reported
EPL Issuance Date:	Not reported
Status:	Historical
Title:	Oral Com 11/30/2012 for North San Mateo County Sanitation District
Description:	For the month of November 2012 there was only one ammonia nitrogen sample collected; the second sample was scheduled but inadvertently not collected. The WB staff concurred with Discharger's proposed corrective measure, covering both Violation ID # 942716 and # 940928. (The corrective measure going forward is the Ammonia Nitrogen sample will be collected weekly up to 4 times per month.)
Program:	NPDMUNILRG
Latest Milestone Completion Date:	Not reported
# Of Programs1:	1
Total Assessment Amount:	0
Initial Assessed Amount:	0
Liability $ Amount:	0
Project $ Amount:	0
Liability $ Paid:	0
Project $ Completed:	0

NORTH SAN MATEO COUNTY SANITATION DISTRICT WWTP (Continued) **S101438168**

Total $ Paid/Completed Amount:	0
Region:	2
Facility Id:	244566
Agency Name:	North San Mateo County Sanitation District
Place Type:	Utility
Place Subtype:	Wastewater Treatment Facility
Facility Type:	Municipal/Domestic
Agency Type:	Special District
# Of Agencies:	1
Place Latitude:	37.702790
Place Longitude:	-122.485010
SIC Code 1:	4952
SIC Desc 1:	Sewerage Systems
SIC Code 2:	Not reported
SIC Desc 2:	Not reported
SIC Code 3:	Not reported
SIC Desc 3:	Not reported
NAICS Code 1:	Not reported
NAICS Desc 1:	Not reported
NAICS Code 2:	Not reported
NAICS Desc 2:	Not reported
NAICS Code 3:	Not reported
NAICS Desc 3:	Not reported
# Of Places:	1
Source Of Facility:	Reg Meas
Design Flow:	8
Threat To Water Quality:	2
Complexity:	A
Pretreatment:	N - POTW does not have EPA approved pretreatment prog.
Facility Waste Type:	Domestic wastewater
Facility Waste Type 2:	Not reported
Facility Waste Type 3:	Not reported
Facility Waste Type 4:	Not reported
Program:	NPDMUNILRG
Program Category1:	NPDESWW
Program Category2:	NPDESWW
# Of Programs:	1
WDID:	2 417021001
Reg Measure Id:	313195
Reg Measure Type:	NPDES Permits
Region:	2
Order #:	R2-2006-0068
Npdes# CA#:	Not reported
Major-Minor:	Major
Npdes Type:	MUN
Reclamation:	2 - Producer-User
Dredge Fill Fee:	Not reported
301H:	N
Application Fee Amt Received:	Not reported
Status:	Historical
Status Date:	06/25/2012
Effective Date:	12/01/2006
Expiration/Review Date:	11/30/2011
Termination Date:	03/31/2012
WDR Review - Amend:	Not reported
WDR Review - Revise/Renew:	Not reported

NORTH SAN MATEO COUNTY SANITATION DISTRICT WWTP (Continued) **S101438168**

WDR Review - Rescind:	Not reported
WDR Review - No Action Required:	Not reported
WDR Review - Pending:	Not reported
WDR Review - Planned:	Not reported
Status Enrollee:	N
Individual/General:	I
Fee Code:	66 - NPDES Based on Flow
Direction/Voice:	Active
Enforcement Id(EID):	381768
Region:	2
Order / Resolution Number:	R2-2012-0080
Enforcement Action Type:	Admin Civil Liability
Effective Date:	01/15/2013
Adoption/Issuance Date:	01/15/2013
Achieve Date:	Not reported
Termination Date:	02/12/2013
ACL Issuance Date:	Not reported
EPL Issuance Date:	12/06/2012
Status:	Historical
Title:	ACL R2-2012-0080 for North San Mateo County Sanitation District
Description:	MMP
Program:	NPDESWW
Latest Milestone Completion Date:	2/6/2013
# Of Programs1:	1
Total Assessment Amount:	21000
Initial Assessed Amount:	21000
Liability $ Amount:	21000
Project $ Amount:	0
Liability $ Paid:	21000
Project $ Completed:	0
Total $ Paid/Completed Amount:	21000

HIST CORTESE:

Region:	CORTESE
Facility County Code:	41
Reg By:	LTNKA
Reg Id:	41-0190

NPDES:

Npdes Number:	CA0037737
Facility Status:	Active
Agency Id:	31673
Region:	2
Regulatory Measure Id:	383103
Order No:	R2-2012-0013
Regulatory Measure Type:	NPDES Permits
Place Id:	244566
WDID:	2 417021001
Program Type:	NPDMUNILRG
Adoption Date Of Regulatory Measure:	02/08/2012
Effective Date Of Regulatory Measure:	04/01/2012
Expiration Date Of Regulatory Measure:	03/31/2017
Termination Date Of Regulatory Measure:	Not reported
Discharge Name:	North San Mateo County Sanitation District
Discharge Address:	333 90th Street
Discharge City:	Daly City

NORTH SAN MATEO COUNTY SANITATION DISTRICT WWTP (Continued) **S101438168**

Discharge State:	CA
Discharge Zip:	94015
RECEIVED DATE:	Not reported
PROCESSED DATE:	Not reported
STATUS CODE NAME:	Not reported
STATUS DATE:	Not reported
PLACE SIZE:	Not reported
PLACE SIZE UNIT:	Not reported
FACILITY CONTACT NAME:	Not reported
FACILITY CONTACT TITLE:	Not reported
FACILITY CONTACT PHONE:	Not reported
FACILITY CONTACT PHONE EXT:	Not reported
FACILITY CONTACT EMAIL:	Not reported
OPERATOR NAME:	Not reported
OPERATOR ADDRESS:	Not reported
OPERATOR CITY:	Not reported
OPERATOR STATE:	Not reported
OPERATOR ZIP:	Not reported
OPERATOR CONTACT NAME:	Not reported
OPERATOR CONTACT TITLE:	Not reported
OPERATOR CONTACT PHONE:	Not reported
OPERATOR CONTACT PHONE EXT:	Not reported
OPERATOR CONTACT EMAIL:	Not reported
OPERATOR TYPE:	Not reported
DEVELOPER NAME:	Not reported
DEVELOPER ADDRESS:	Not reported
DEVELOPER CITY:	Not reported
DEVELOPER STATE:	Not reported
DEVELOPER ZIP:	Not reported
DEVELOPER CONTACT NAME:	Not reported
DEVELOPER CONTACT TITLE:	Not reported
CONSTYPE LINEAR UTILITY IND:	Not reported
EMERGENCY PHONE NO:	Not reported
EMERGENCY PHONE EXT:	Not reported
CONSTYPE ABOVE GROUND IND:	Not reported
CONSTYPE BELOW GROUND IND:	Not reported
CONSTYPE CABLE LINE IND:	Not reported
CONSTYPE COMM LINE IND:	Not reported
CONSTYPE COMMERTIAL IND:	Not reported
CONSTYPE ELECTRICAL LINE IND:	Not reported
CONSTYPE GAS LINE IND:	Not reported
CONSTYPE INDUSTRIAL IND:	Not reported
CONSTYPE OTHER DESRIPTION:	Not reported
CONSTYPE OTHER IND:	Not reported
CONSTYPE RECONS IND:	Not reported
CONSTYPE RESIDENTIAL IND:	Not reported
CONSTYPE TRANSPORT IND:	Not reported
CONSTYPE UTILITY DESCRIPTION:	Not reported
CONSTYPE UTILITY IND:	Not reported
CONSTYPE WATER SEWER IND:	Not reported
DIR DISCHARGE USWATER IND:	Not reported
RECEIVING WATER NAME:	Not reported
CERTIFIER NAME:	Not reported
CERTIFIER TITLE:	Not reported
CERTIFICATION DATE:	Not reported
PRIMARY SIC:	Not reported
SECONDARY SIC:	Not reported

NORTH SAN MATEO COUNTY SANITATION DISTRICT WWTP (Continued) **S101438168**

TERTIARY SIC: Not reported

F34 **SANITATION DISTRICT** **HIST UST** **U001594050**
NW **153 LAKE MERCED BLVD** **N/A**
1/8-1/4 **DALY CITY, CA 94015**
0.195 mi.
1029 ft. **Site 5 of 10 in cluster F**

Relative:
Lower

Actual:
72 ft.

HIST UST:

File Number:	0002C0DB
URL:	http://geotracker.waterboards.ca.gov/ustpdfs/pdf/0002C0DB.pdf
Region:	STATE
Facility ID:	00000055090
Facility Type:	Other
Other Type:	TREATMENT PLANT
Contact Name:	PAUL FAKO
Telephone:	4157556557
Owner Name:	NORTH SAN MATEO COUNTY
Owner Address:	153 LAKE MERCED BLVD.
Owner City,St,Zip:	DALY CITY, CA 94015
Total Tanks:	0007
Tank Num:	001
Container Num:	1
Year Installed:	Not reported
Tank Capacity:	00000000
Tank Used for:	PRODUCT
Type of Fuel:	06
Container Construction Thickness:	Not reported
Leak Detection:	None
Tank Num:	002
Container Num:	2
Year Installed:	1977
Tank Capacity:	00005000
Tank Used for:	PRODUCT
Type of Fuel:	REGULAR
Container Construction Thickness:	Not reported
Leak Detection:	Stock Inventor
Tank Num:	003
Container Num:	3
Year Installed:	1977
Tank Capacity:	00010000
Tank Used for:	PRODUCT
Type of Fuel:	DIESEL
Container Construction Thickness:	Not reported
Leak Detection:	Stock Inventor
Tank Num:	004
Container Num:	4
Year Installed:	1977
Tank Capacity:	00005000
Tank Used for:	PRODUCT
Type of Fuel:	UNLEADED
Container Construction Thickness:	Not reported
Leak Detection:	Stock Inventor

SANITATION DISTRICT (Continued) **U001594050**

Tank Num:	005
Container Num:	5
Year Installed:	1977
Tank Capacity:	00000200
Tank Used for:	WASTE
Type of Fuel:	WASTE OIL
Container Construction Thickness:	0.5
Leak Detection:	Visual

Tank Num:	006
Container Num:	6
Year Installed:	1977
Tank Capacity:	00010000
Tank Used for:	PRODUCT
Type of Fuel:	DIESEL
Container Construction Thickness:	Not reported
Leak Detection:	Stock Inventor

Tank Num:	007
Container Num:	#AV 3145
Year Installed:	Not reported
Tank Capacity:	00000500
Tank Used for:	PRODUCT
Type of Fuel:	REGULAR
Container Construction Thickness:	Not reported
Leak Detection:	None

Click here for Geo Tracker PDF:

F35 **NORTH SAN MATEO COUNTY SANITAT** **HIST UST** **S118413510**
NW **153 LAKE MERCED DOULEVARD** **N/A**
1/8-1/4 **DALY CITY, CA 94015**
0.195 mi.
1029 ft. **Site 6 of 10 in cluster F**

Relative:
Lower

Actual:
72 ft.

HIST UST:

File Number:	0002C0DD
URL:	http://geotracker.waterboards.ca.gov/ustpdfs/pdf/0002C0DD.pdf
Region:	Not reported
Facility ID:	Not reported
Facility Type:	Not reported
Other Type:	Not reported
Contact Name:	Not reported
Telephone:	Not reported
Owner Name:	Not reported
Owner Address:	Not reported
Owner City,St,Zip:	Not reported
Total Tanks:	Not reported

Tank Num:	Not reported
Container Num:	Not reported
Year Installed:	Not reported
Tank Capacity:	Not reported
Tank Used for:	Not reported
Type of Fuel:	Not reported
Container Construction Thickness:	Not reported
Leak Detection:	Not reported

NORTH SAN MATEO COUNTY SANITAT (Continued) **S118413510**

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F36 **NO.SM CO. SANITATION DISTRICT** **SWEEPS UST** **S101593705**
NW **153 LAKE MERCED BLVD** **CA FID UST** **N/A**
1/8-1/4 **DALY CITY, CA 94015**
0.195 mi.
1029 ft. **Site 7 of 10 in cluster F**

Relative:
Lower

Actual:
72 ft.

SWEEPS UST:

Status:	Active
Comp Number:	220063
Number:	4
Board Of Equalization:	Not reported
Referral Date:	05-13-94
Action Date:	05-13-94
Created Date:	06-08-90
Owner Tank Id:	Not reported
SWRCB Tank Id:	41-000-220063-000001
Tank Status:	A
Capacity:	500
Active Date:	03-28-94
Tank Use:	M.V. FUEL
STG:	P
Content:	UNKNOWN
Number Of Tanks:	5

Status:	Active
Comp Number:	220063
Number:	4
Board Of Equalization:	Not reported
Referral Date:	05-13-94
Action Date:	05-13-94
Created Date:	06-08-90
Owner Tank Id:	Not reported
SWRCB Tank Id:	41-000-220063-000002
Tank Status:	A
Capacity:	10000
Active Date:	03-28-94
Tank Use:	M.V. FUEL
STG:	P
Content:	DIESEL
Number Of Tanks:	Not reported

Status:	Active
Comp Number:	220063
Number:	4
Board Of Equalization:	Not reported
Referral Date:	05-13-94
Action Date:	05-13-94
Created Date:	06-08-90
Owner Tank Id:	Not reported
SWRCB Tank Id:	41-000-220063-000003
Tank Status:	A
Capacity:	10000
Active Date:	03-28-94
Tank Use:	M.V. FUEL
STG:	P
Content:	DIESEL

NO.SM CO. SANITATION DISTRICT (Continued) **S101593705**

Number Of Tanks: Not reported

Status: Active
Comp Number: 220063
Number: 4
Board Of Equalization: Not reported
Referral Date: 05-13-94
Action Date: 05-13-94
Created Date: 06-08-90
Owner Tank Id: Not reported
SWRCB Tank Id: 41-000-220063-000004
Tank Status: A
Capacity: 2000
Active Date: 03-28-94
Tank Use: M.V. FUEL
STG: P
Content: REG UNLEADED
Number Of Tanks: Not reported

Status: Active
Comp Number: 220063
Number: 4
Board Of Equalization: Not reported
Referral Date: 05-13-94
Action Date: 05-13-94
Created Date: 06-08-90
Owner Tank Id: Not reported
SWRCB Tank Id: 41-000-220063-000005
Tank Status: A
Capacity: 2000
Active Date: 03-28-94
Tank Use: M.V. FUEL
STG: P
Content: UNKNOWN
Number Of Tanks: Not reported

CA FID UST:
Facility ID: 41000209
Regulated By: UTNKA
Regulated ID: Not reported
Cortese Code: Not reported
SIC Code: Not reported
Facility Phone: Not reported
Mail To: Not reported
Mailing Address: 333 090TH ST
Mailing Address 2: Not reported
Mailing City,St,Zip: DALY CITY 94015
Contact: Not reported
Contact Phone: Not reported
DUNs Number: Not reported
NPDES Number: Not reported
EPA ID: Not reported
Comments: Not reported
Status: Active

E37 **PG&E WESTLAKE SUBSTATION** **AST** **A100337805**
SSE **PARK PLAZA & FAIRWAY** **N/A**
1/8-1/4 **DALY CITY, CA**
0.195 mi.
1029 ft. **Site 2 of 3 in cluster E**

Relative:
Higher

Actual:
103 ft.

AST:

Certified Unified Program Agencies:	San Mateo
Owner:	Not reported
Total Gallons:	1,320
CERSID:	Not reported
Facility ID:	Not reported
Business Name:	Not reported
Phone:	Not reported
Fax:	Not reported
Mailing Address:	Not reported
Mailing Address City:	Not reported
Mailing Address State:	Not reported
Mailing Address Zip Code:	Not reported
Operator Name:	Not reported
Operator Phone:	Not reported
Owner Phone:	Not reported
Owner Mail Address:	Not reported
Owner State:	Not reported
Owner Zip Code:	Not reported
Owner Country:	Not reported
Property Owner Name:	Not reported
Property Owner Phone:	Not reported
Property Owner Mailing Address:	Not reported
Property Owner City:	Not reported
Property Owner Stat :	Not reported
Property Owner Zip Code:	Not reported
Property Owner Country:	Not reported
EPAID:	Not reported

F38 **STATION NO 1** **HIST UST** **U001594056**
NW **151 LAKE MERCED BLVD** **N/A**
1/8-1/4 **DALY CITY, CA 94015**
0.198 mi.
1043 ft. **Site 8 of 10 in cluster F**

Relative:
Lower

Actual:
71 ft.

HIST UST:

File Number:	0002BDFD
URL:	http://geotracker.waterboards.ca.gov/ustpdfs/pdf/0002BDFD.pdf
Region:	STATE
Facility ID:	00000053823
Facility Type:	Other
Other Type:	FIRE STATION
Contact Name:	KENNETH C DOMEIER
Telephone:	4159918131
Owner Name:	DALY CITY FIRE DEPT.
Owner Address:	151 LAKE MERCED BLVD
Owner City,St,Zip:	DALY CITY, CA 94015
Total Tanks:	0001
Tank Num:	001
Container Num:	#6
Year Installed:	Not reported
Tank Capacity:	00001000
Tank Used for:	PRODUCT

STATION NO 1 (Continued) **U001594056**

Type of Fuel: DIESEL
Container Construction Thickness: Not reported
Leak Detection: None

Click here for Geo Tracker PDF:

F39 **DALY CITY FIRE DEPT** **LUST** **S104493617**
NW **151 LAKE MERCED** **San Mateo Co. BI** **N/A**
1/8-1/4 **DALY CITY, CA 94015**
0.198 mi.
1043 ft. **Site 9 of 10 in cluster F**

Relative:
Lower

Actual:
71 ft.

LUST:
Region: STATE
Global Id: T0608192697
Latitude: 37.7035747
Longitude: -122.4807019
Case Type: LUST Cleanup Site
Status: Completed - Case Closed
Status Date: 09/25/2000
Lead Agency: SAN MATEO COUNTY LOP
Case Worker: JM
Local Agency: SAN MATEO COUNTY LOP
RB Case Number: 41-1180
LOC Case Number: 220044
File Location: Local Agency
Potential Media Affect: Soil
Potential Contaminants of Concern: Not reported
Site History: Not reported

Click here to access the California GeoTracker records for this facility:

Contact:
Global Id: T0608192697
Contact Type: Local Agency Caseworker
Contact Name: JACOB MADDEN
Organization Name: SAN MATEO COUNTY LOP
Address: 2000 ALAMEDA DE LAS PULGAS
City: SAN MATEO
Email: jmadden@smcgov.org
Phone Number: 6503726298

Global Id: T0608192697
Contact Type: Regional Board Caseworker
Contact Name: Regional Water Board
Organization Name: SAN FRANCISCO BAY RWQCB (REGION 2)
Address: 1515 CLAY ST SUITE 1400
City: OAKLAND
Email: Not reported
Phone Number: Not reported

Status History:
Global Id: T0608192697
Status: Open - Case Begin Date
Status Date: 03/28/1996

Global Id: T0608192697
Status: Completed - Case Closed

DALY CITY FIRE DEPT (Continued) **S104493617**

Status Date: 09/25/2000

Regulatory Activities:
Global Id: T0608192697
Action Type: Other
Date: 03/28/1996
Action: Leak Reported

Global Id: T0608192697
Action Type: ENFORCEMENT
Date: 04/09/1996
Action: Notice of Responsibility - #1

LUST REG 2:
Region: 2
Facility Id: Not reported
Facility Status: Case Closed
Case Number: 220044
How Discovered: OM
Leak Cause: Unknown
Leak Source: Unknown
Date Leak Confirmed: Not reported
Oversight Program: LUST
Prelim. Site Assesment Wokplan Submitted: Not reported
Preliminary Site Assesment Began: Not reported
Pollution Characterization Began: Not reported
Pollution Remediation Plan Submitted: Not reported
Date Remediation Action Underway: Not reported
Date Post Remedial Action Monitoring Began: Not reported

SAN MATEO CO. LUST:
Region: SAN MATEO
Facility ID: 220044
Facility Status: 9- Case Closed
Global ID: T0608192697
APN Number: 002148030
Case Type: SAN MATEO CO. LUST
EDR Link ID: SAN MATEO CO. LUST

San Mateo Co. BI:
Region: SAN MATEO
Facility ID: FA0008658
Prog Element Code: STORES MV FUELS OR WASTE ONLY
Record Id: PR0023779
Description: STORES MV FUELS OR WASTE ONLY
Facility Status: INACTIVE

Region: SAN MATEO
Facility ID: FA0008658
Prog Element Code: UNDERGROUND TANK - GENERAL
Record Id: PR0022295
Description: UNDERGROUND TANK - GENERAL
Facility Status: INACTIVE

F40
NW
1/8-1/4
0.198 mi.
1043 ft.

CITY OF DALY CITY
151 LAKE MERCED BLVD
DALY CITY, CA 94015

Site 10 of 10 in cluster F

SWEEPS UST **S101593858**
CA FID UST **N/A**
EMI

Relative:
Lower

Actual:
71 ft.

SWEEPS UST:

Status:	Active
Comp Number:	220068
Number:	4
Board Of Equalization:	Not reported
Referral Date:	05-13-94
Action Date:	05-13-94
Created Date:	06-11-90
Owner Tank Id:	Not reported
SWRCB Tank Id:	41-000-220068-000001
Tank Status:	A
Capacity:	1000
Active Date:	03-28-94
Tank Use:	M.V. FUEL
STG:	P
Content:	DIESEL
Number Of Tanks:	1

CA FID UST:

Facility ID:	41001383
Regulated By:	UTNKA
Regulated ID:	Not reported
Cortese Code:	Not reported
SIC Code:	Not reported
Facility Phone:	Not reported
Mail To:	Not reported
Mailing Address:	333 090TH ST
Mailing Address 2:	Not reported
Mailing City,St,Zip:	DALY CITY 94015
Contact:	Not reported
Contact Phone:	Not reported
DUNs Number:	Not reported
NPDES Number:	Not reported
EPA ID:	Not reported
Comments:	Not reported
Status:	Active

EMI:

Year:	2008
County Code:	41
Air Basin:	SF
Facility ID:	5494
Air District Name:	BA
SIC Code:	9121
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	.112
Reactive Organic Gases Tons/Yr:	.1043298
Carbon Monoxide Emissions Tons/Yr:	.035
NOX - Oxides of Nitrogen Tons/Yr:	.029
SOX - Oxides of Sulphur Tons/Yr:	0

CITY OF DALY CITY (Continued) **S101593858**

Particulate Matter Tons/Yr: .002
Part. Matter 10 Micrometers and Smllr Tons/Yr:.001952

E41 **WESTLAKE SHOPPING CENTER** **San Mateo Co. BI** **S109280353**
South **75 SOUTHGATE** **N/A**
1/8-1/4 **DALY CITY, CA 94015**
0.198 mi.
1043 ft. **Site 3 of 3 in cluster E**

Relative:
Higher

Actual:
99 ft.

San Mateo Co. BI:

Region:	SAN MATEO
Facility ID:	FA0028088
Prog Element Code:	GENERATES <27 GAL/YEAR
Record Id:	PR0046218
Description:	GENERATES <27 GAL/YEAR
Facility Status:	INACTIVE

Region:	SAN MATEO
Facility ID:	FA0028088
Prog Element Code:	STORES HAZ MAT <219GAL,1,999LB, 879FT3
Record Id:	PR0066185
Description:	STORES HAZ MAT <219GAL,1,999LB, 879CF
Facility Status:	INACTIVE

---

42 **BURLINGTON STORE #182** **San Mateo Co. BI** **S117976181**
South **99 SOUTHGATE** **N/A**
1/8-1/4 **DALY CITY, CA 94015**
0.226 mi.
1193 ft.

Relative:
Higher

Actual:
102 ft.

San Mateo Co. BI:

Region:	SAN MATEO
Facility ID:	FA0057880
Prog Element Code:	GENERATES <27 GAL/YEAR
Record Id:	PR0080302
Description:	GENERATES <27 GAL/YEAR
Facility Status:	ACTIVE

G43 **ARCO FACILITY #465** **SWEEPS UST** **S101594029**
SSW **151 S GATE AVE** **HIST UST** **N/A**
1/8-1/4 **DALY CITY, CA 94014** **CA FID UST**
0.235 mi.
1240 ft. **Site 1 of 5 in cluster G**

Relative:
Higher

Actual:
103 ft.

SWEEPS UST:

Status:	Active
Comp Number:	220034
Number:	1
Board Of Equalization:	Not reported
Referral Date:	03-25-94
Action Date:	03-25-94
Created Date:	10-13-88
Owner Tank Id:	Not reported
SWRCB Tank Id:	41-000-220034-000001
Tank Status:	A

ARCO FACILITY #465 (Continued) **S101594029**

Capacity:	10000
Active Date:	03-25-94
Tank Use:	M.V. FUEL
STG:	P
Content:	REG UNLEADED
Number Of Tanks:	8

Status:	Active
Comp Number:	220034
Number:	1
Board Of Equalization:	Not reported
Referral Date:	03-25-94
Action Date:	03-25-94
Created Date:	10-13-88
Owner Tank Id:	Not reported
SWRCB Tank Id:	41-000-220034-000002
Tank Status:	A
Capacity:	10000
Active Date:	03-25-94
Tank Use:	M.V. FUEL
STG:	P
Content:	REG UNLEADED
Number Of Tanks:	Not reported

Status:	Active
Comp Number:	220034
Number:	1
Board Of Equalization:	Not reported
Referral Date:	03-25-94
Action Date:	03-25-94
Created Date:	10-13-88
Owner Tank Id:	Not reported
SWRCB Tank Id:	41-000-220034-000003
Tank Status:	A
Capacity:	8000
Active Date:	03-25-94
Tank Use:	M.V. FUEL
STG:	P
Content:	PRM UNLEADED
Number Of Tanks:	Not reported

Status:	Active
Comp Number:	220034
Number:	1
Board Of Equalization:	Not reported
Referral Date:	03-25-94
Action Date:	03-25-94
Created Date:	10-13-88
Owner Tank Id:	Not reported
SWRCB Tank Id:	41-000-220034-000004
Tank Status:	A
Capacity:	550
Active Date:	03-25-94
Tank Use:	OIL
STG:	W
Content:	WASTE OIL
Number Of Tanks:	Not reported

ARCO FACILITY #465 (Continued) **S101594029**

Status: Active
Comp Number: 220034
Number: 1
Board Of Equalization: Not reported
Referral Date: 03-25-94
Action Date: 03-25-94
Created Date: 10-13-88
Owner Tank Id: 1-UNL-R
SWRCB Tank Id: 41-000-220034-000005
Tank Status: A
Capacity: 10000
Active Date: 07-07-92
Tank Use: M.V. FUEL
STG: P
Content: REG UNLEADED
Number Of Tanks: Not reported

Status: Active
Comp Number: 220034
Number: 1
Board Of Equalization: Not reported
Referral Date: 03-25-94
Action Date: 03-25-94
Created Date: 10-13-88
Owner Tank Id: 2-UNL-R
SWRCB Tank Id: 41-000-220034-000006
Tank Status: A
Capacity: 10000
Active Date: 07-07-92
Tank Use: M.V. FUEL
STG: P
Content: REG UNLEADED
Number Of Tanks: Not reported

Status: Active
Comp Number: 220034
Number: 1
Board Of Equalization: Not reported
Referral Date: 03-25-94
Action Date: 03-25-94
Created Date: 10-13-88
Owner Tank Id: 3-UNL-P
SWRCB Tank Id: 41-000-220034-000007
Tank Status: A
Capacity: 8000
Active Date: 07-07-92
Tank Use: M.V. FUEL
STG: P
Content: REG UNLEADED
Number Of Tanks: Not reported

Status: Active
Comp Number: 220034
Number: 1
Board Of Equalization: Not reported
Referral Date: 03-25-94
Action Date: 03-25-94

ARCO FACILITY #465 (Continued) **S101594029**

Created Date: 10-13-88
Owner Tank Id: 4
SWRCB Tank Id: 41-000-220034-000008
Tank Status: A
Capacity: 500
Active Date: 07-07-92
Tank Use: OIL
STG: W
Content: WASTE OIL
Number Of Tanks: Not reported

HIST UST:
File Number: 0002BBA6
URL: http://geotracker.waterboards.ca.gov/ustpdfs/pdf/0002BBA6.pdf
Region: Not reported
Facility ID: Not reported
Facility Type: Not reported
Other Type: Not reported
Contact Name: Not reported
Telephone: Not reported
Owner Name: Not reported
Owner Address: Not reported
Owner City,St,Zip: Not reported
Total Tanks: Not reported

Tank Num: Not reported
Container Num: Not reported
Year Installed: Not reported
Tank Capacity: Not reported
Tank Used for: Not reported
Type of Fuel: Not reported
Container Construction Thickness: Not reported
Leak Detection: Not reported

Click here for Geo Tracker PDF:

CA FID UST:
Facility ID: 41004837
Regulated By: UTNKA
Regulated ID: Not reported
Cortese Code: Not reported
SIC Code: Not reported
Facility Phone: Not reported
Mail To: Not reported
Mailing Address: P O BOX
Mailing Address 2: Not reported
Mailing City,St,Zip: DALY CITY 94014
Contact: Not reported
Contact Phone: Not reported
DUNs Number: Not reported
NPDES Number: Not reported
EPA ID: Not reported
Comments: Not reported
Status: Active

G44 **ARCO #0465** **LUST** **S101303078**
SSW **151 SOUTHGATE AVENUE** **N/A**
1/8-1/4 **DALY CITY, CA 94015**
0.235 mi.
1240 ft. **Site 2 of 5 in cluster G**

Relative:
Higher

Actual:
103 ft.

LUST:

Region:	STATE
Global Id:	T0608100027
Latitude:	37.697313039532
Longitude:	-122.48314037919
Case Type:	LUST Cleanup Site
Status:	Open - Remediation
Status Date:	09/09/2003
Lead Agency:	SAN MATEO COUNTY LOP
Case Worker:	DGM
Local Agency:	SAN MATEO COUNTY LOP
RB Case Number:	41-0028
LOC Case Number:	220033
File Location:	Local Agency
Potential Media Affect:	Aquifer used for drinking water supply
Potential Contaminants of Concern:	Gasoline, MTBE / TBA / Other Fuel Oxygenates
Site History:	Extracted from Stantec's June 14, 2010 Additional Site Assessment Report and Site Conceptual Model, San Mateo County does not take responsibility for the accuracy of the statements made or any professional interpretations made in the referenced report. The site is located at the southern corner of the intersection of Southgate Avenue and Lake Merced Boulevard in Daly City, California. The site is an active retail fuel dispensing facility with a station building and service area, six dispensers, two blended gasoline underground storage tanks (USTs) and one waste-oil UST. Currently the site has six groundwater monitoring wells (MW-1 through MW-6) and eight soil vapor extraction (SVE) wells (V-1 through V-8), one of which is used for groundwater monitoring (V-8). During the most recent assessment, wells MW-7, MW-8, and MW-9 were installed. A remediation equipment compound is located in the southern corner of the site. Mixed commercial and residential properties surround the site. Burlington Coat Factory is located to the east of the site; two apartment complexes are located south and north of the site, a dry cleaner facility and a shopping mall are located west of the site. Site topography slopes to the northwest, at an approximate elevation of 100 feet above mean sea level (MSL). Regionally, topography near the site slopes toward the east northeast. According to the California State GeoTracker database, former Southgate Cleaners is located at 183 Southgate Avenue, Daly City, approximately 100 feet west-southwest of the site. A review of available site information indicates that a leak of tetrachloroethylene (PCE) has occurred on the property from former dry cleaning operations. Based on the information presented Treadwell & Rollos February 11, 2110 Work Plan for Additional Site Investigation, it appears dry cleaning solvent vapor is present in the shallow soil at adjacent to the western property line of the subject site. Additional assessment adjacent to the subject site has been proposed by Treadwell & Rollo. An initial subsurface investigation was performed at the site in March 1992. The results of this investigation indicated that soil and groundwater in the vicinity of the gasoline UST complex had been impacted by petroleum hydrocarbons. Soil in the vicinity of the waste oil UST was also found to be impacted by both low boiling point hydrocarbons which were quantified as total petroleum hydrocarbons as gasoline

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(TPHg) and higher boiling point hydrocarbons which were quantified as TPH as diesel (TPHd) and total recoverable petroleum hydrocarbons (TRPH). Low concentrations of semi-volatile organic compounds (SVOCs) and polychlorinated biphenyls (PCBs) were also reported in soil samples collected during the assessment. Groundwater monitoring wells MW-1 and MW-2 were installed at depths of approximately 70.5 feet and 61.5 feet below ground surface (bgs), respectively, to intercept a perched groundwater horizon. In October and November 1992, following additional subsurface investigation activities, deep groundwater monitoring well MW-3D was installed to a depth of approximately 220 feet bgs to intercept the upper portion of the regional groundwater aquifer. The GPP noted in a letter dated July 5, 2001, that because MW-3D is screened from 202 bgs to 220 feet bgs (below an approximate 10-foot-thick clayey silt to silty clay zone) ... (MW-3D) may represent the deeper drinking water aquifer." In January 1993, quarterly groundwater monitoring activities were initiated at the site. In June 1993, groundwater monitoring well MW-4 was installed to a depth of approximately 63 feet bgs to further assess groundwater quality in the perched groundwater horizon. In March through May 1993, an internal combustion engine SVE system was installed and started at the site. The system, which initially utilized wells V-1, V-2, V-3, V-6, V-7, V-8, MW-1, and MW-2 was operated through April 1994, when the internal combustion engine was removed. During this period of operation, an estimated 5,494 pounds of TPHg were removed from beneath the site. In June 1995, a catalytic oxidizer unit was installed and the SVE system was restarted utilizing the same well array used in July 1993. Based on a decrease in extracted petroleum hydrocarbon vapor concentrations by the SVE system and consistently low to non-detectable concentrations in groundwater, the SVE system was shut down in October 1997, and site closure was requested in November 1997. At that time, the site and vicinity contained four groundwater monitoring wells and eight SVE extraction wells (V-1 through V-8). An estimated total of 11,563 pounds of TPHg and 45.34 pounds of benzene were recovered during operation of the SVE system. On October 21, 1997, Gettler-Ryan removed a 520-gallon capacity waste oil UST and excavated the UST cavity to approximately nine feet bgs. On October 30, 1997, Gettler-Ryan further excavated the pit to a depth of approximately 15 feet bgs, and in an easterly direction, to a depth of approximately 3 feet from the edge of the original excavation. Approximately 60 cubic yards of soil excavated from the pit was transported for offsite disposal by Dillard Trucking. The new waste oil UST and associated piping and vents were replaced, the excavation was backfilled, and the surface asphalted on October 31, 1997. In January 1998, six confirmation soil borings (CSB-1 through CSB-6) were advanced to determine if operation of the temporary soil vapor extraction system had reduced the gasoline concentration in soil to levels acceptable for regulatory case closure. The borings were advanced to depths ranging from 30.5 feet to 55.5 feet bgs using a drill rig equipped with 8-inch diameter hollow stem augers. Results of the investigation indicated that concentrations of TPHg, TPHd, and TRPH were present in soil samples collected from CSB-5 and CSB-6. Soil samples collected from CSB-6 were also reported to contain concentrations of heavy oil. Benzene was not detected in any of the soil samples collected. MtBE was reported in soil samples collected from the boring of CSB-3 at depths of 15 and 21 feet bgs. Concentrations of ethylbenzene, total xylenes, 2-methylnaphthalene, PCB aroclor 1248, and total metals were detected in soil samples

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collected from CSB-6 at depths of 5 and 15 feet bgs. On March 4, 1999, Gettler-Ryan removed the product lines which carried fuel from the USTs to the three fuel pump islands at the site. The soil underlying the fuel line trenches was observed to be stained and exhibited a gasoline odor. As the excavation continued, product odor and gray staining of the soil were observed in the trench between the central and northern two pump islands. Six trench floor soil samples (T-1 through T-6) and eight soil samples from beneath the dispensers (D-1 through D-8) were collected and analyzed for TPHg, BTEX, MtBE, and lead. Due to elevated concentrations of gasoline in soil samples T-2, T-4, T-6, D-5, and D-8, soil was excavated to approximately 8 to 10 feet bgs and confirmation samples (T-2A, T-4A, T-6A, D-5A, and D-8A) were collected from the bottom of the over-excavated trenches. Approximately 127 tons of soil were removed from the site after the excavation, and transported by Dillard Trucking to a Browning Ferris Industries offsite disposal facility for proper disposal. Between August 28, 2000 and September 6, 2000, two 10,000-gallon unleaded gasoline USTs, one 8,000-gallon UST, and associated product lines and dispensers were removed from the site. Over-excavation of the UST area was confined to the expansion area intended for the new USTs. During UST replacement activities performed in August and September 2000, Henderson Construction Company, the ARC subcontractor performing the replacement, reported an unauthorized release of approximately 500 gallons of a mixture of gasoline and rinsate water from one of the gasoline USTs. The spill was apparently caused by attempting to remove the UST with the rinsate water still inside the UST. A portable dual-phase extraction (DPE) system was mobilized to the site shortly thereafter, and operated for a 10-day period to mitigate the effects of the reported release. As previously noted, during UST replacement activities performed in August and September 2000, Henderson Construction Company, the ARC subcontractor performing the replacement, reported an unauthorized release of approximately 500 gallons of a mixture of gasoline and rinsate water from one of the gasoline USTs. The spill was apparently caused by attempting to remove the UST with the rinsate water still inside the UST. A portable dual phase extraction (DPE) system was subsequently mobilized to the site by Cal Clean, and operated for a 10-day period to mitigate the effects of the reported release. Since downhole stingers were not used and groundwater was not recovered during the test, the equipment was used as soil vapor extraction system that extracted soil vapor at 250 standard cubic feet per minute (scfm) with a system vacuum of 16-inches of mercury. A source test was performed utilizing wells V-1, V-2, V-5, and V-8, and SVE was subsequently performed utilizing wells V-1, V-2, and V-5 as extraction wells, and wells V-4, V-6, V-7, and V-8 as observation wells. Individual extraction test were completed using wells V-1, V-2, and V-5. Field observations and measurements recorded during the SVE event resulted in calculation of a maximum effective radius of influence (ROI) of 50 feet in groundwater. The ROI was calculated using induced vacuum readings collected from wells V-4, V-6, V-7, and V-8 that were located from 20 to 95 feet away from the extraction well V-2. The induced vacuum readings ranged from 2.3 to 5.5-inchs of water in response to a system vacuum of 16-inches of mercury. During the 240-hour SVE event, approximately 4,333 pounds (713 gallons) of petroleum hydrocarbons were removed from the subsurface, a mass significantly greater than the reported release of approximately 500 gallons of a gasoline and rinsate mixture. A review of the data

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collected during the extraction event indicated that SVE wells located in the vicinity of the former fuel UST cavity and the area of the waste oil UST yielded the highest soil vapor concentrations. Soil vapor concentrations from well V-5 yielded concentrations that continued on an increasing trend throughout the 10-day period. The increase of petroleum hydrocarbons in soil vapor samples collected from V-5 at the conclusion of the interim event indicated that petroleum hydrocarbon mass remains in soil in the area of the former waste oil UST. Based on the past performance of the SVE remediation efforts, SECOR concluded that soil vapor extraction is a viable technology for removing petroleum hydrocarbon mass from the unsaturated soil beneath the site. In November 2001, SECOR installed two wells (MW-5 and MW-6) and advanced one soil boring (SB-1). Wells MW-5 and MW-6 were completed at a depth of 60 feet bgs. Groundwater samples have been obtained from MW-6, but MW-5 has been generally dry since the well was installed. Recent groundwater samples collected from MW-5 in July 2008 indicated elevated concentrations of gasoline range organics (GRO), MtBE, and tert-butyl alcohol (TBA). The soil boring of well MW-5 was advanced approximately 2.5 feet into a silty clay layer, and the well was installed at 60 feet bgs to avoid penetrating a clay layer that was encountered at 57.5 feet bgs. In April 2003, URS performed additional characterization in the vicinity of MW-5 to determine whether shallow groundwater was present at a depth greater than the 60-foot completion depth of MW-5, and to characterize the vertical extent of petroleum hydrocarbons and fuel oxygenates at this location, near the waste oil UST. Boring MW-5A was drilled adjacent to MW-5 and soil was sampled to a depth of 85 feet. After drilling through a sandy clayeysilt and clayey silty sand from approximately 60 to 64 feet bgs, the augers were left open for observation for over one hour at a depth of 66 feet bgs in a moist silty sand. No water accumulated in the borehole, so an additional well was not installed at this location. GRO and BTEX with concentration greater than the laboratory reporting limits were detected in soil samples collected from 60.5 to 85 feet in the boring. However MtBE with concentrations ranging from 0.12 to 1.0 mg/kg were reported in the soil samples collected from 60.5 to 85 feet bgs. In September 2005, URS advanced nine soil borings (SB-1 renamed SB-1A, SB-2 through SB-5, and SB-7 through SB-10) to depths ranging from 50 to 81 feet bgs in order to further assess the vertical and lateral extent of dissolved hydrocarbons in the subsurface. Soil boring SB-6 was not advanced due to refusal at approximately 5 feet bgs. Grab groundwater samples were collected from onsite boring SB-3, offsite borings SB-4, SB-5, and SB-7 through SB-10. Based upon the results of this investigation, URS recommended the installation of three additional offsite groundwater monitoring wells (MW-7 through MW-9) to further delineate the lateral extent of dissolved petroleum hydrocarbons offsite. In a letter dated October 11, 2007, the GPP approved the scope of work previously proposed by URS. After access was granted to the offsite property located northeast of the site for the installation of well MW-9, the installation of wells MW-7 through MW-9 was performed on August 28 and 29, 2008.

Click here to access the California GeoTracker records for this facility:

Contact:
Global Id: T0608100027
Contact Type: Local Agency Caseworker

ARCO #0465 (Continued) **S101303078**

Contact Name:	DENO MILANO
Organization Name:	SAN MATEO COUNTY LOP
Address:	2000 ALAMEDA DE LAS PULGAS
City:	SAN MATEO
Email:	dmilano@smcgov.org
Phone Number:	6503726292
Global Id:	T0608100027
Contact Type:	Regional Board Caseworker
Contact Name:	Regional Water Board
Organization Name:	SAN FRANCISCO BAY RWQCB (REGION 2)
Address:	1515 CLAY ST SUITE 1400
City:	OAKLAND
Email:	Not reported
Phone Number:	Not reported

Status History:

Global Id:	T0608100027
Status:	Open - Case Begin Date
Status Date:	03/17/1992
Global Id:	T0608100027
Status:	Open - Remediation
Status Date:	03/17/1992
Global Id:	T0608100027
Status:	Open - Verification Monitoring
Status Date:	12/22/1992
Global Id:	T0608100027
Status:	Open - Remediation
Status Date:	09/09/2003
Global Id:	T0608100027
Status:	Open - Site Assessment
Status Date:	09/09/2003

Regulatory Activities:

Global Id:	T0608100027
Action Type:	REMEDIATION
Date:	06/20/2013
Action:	Soil Vapor Extraction (SVE)
Global Id:	T0608100027
Action Type:	REMEDIATION
Date:	06/13/1995
Action:	Soil Vapor Extraction (SVE)
Global Id:	T0608100027
Action Type:	REMEDIATION
Date:	09/22/1997
Action:	Soil Vapor Extraction (SVE)
Global Id:	T0608100027
Action Type:	REMEDIATION
Date:	09/09/2013

ARCO #0465 (Continued) **S101303078**

Action: Soil Vapor Extraction (SVE)

Global Id: T0608100027
Action Type: REMEDIATION
Date: 07/22/2012
Action: Soil Vapor Extraction (SVE)

Global Id: T0608100027
Action Type: REMEDIATION
Date: 07/21/1992
Action: Soil Vapor Extraction (SVE)

Global Id: T0608100027
Action Type: REMEDIATION
Date: 07/13/1993
Action: Soil Vapor Extraction (SVE)

Global Id: T0608100027
Action Type: RESPONSE
Date: 11/15/2015
Action: Monitoring Report - Semi-Annually

Global Id: T0608100027
Action Type: RESPONSE
Date: 02/15/2016
Action: Electronic Reporting Submittal Due

Global Id: T0608100027
Action Type: REMEDIATION
Date: 10/22/2012
Action: Soil Vapor Extraction (SVE)

Global Id: T0608100027
Action Type: REMEDIATION
Date: 03/26/2013
Action: Soil Vapor Extraction (SVE)

Global Id: T0608100027
Action Type: REMEDIATION
Date: 11/18/2013
Action: Soil Vapor Extraction (SVE)

Global Id: T0608100027
Action Type: REMEDIATION
Date: 03/17/2014
Action: Soil Vapor Extraction (SVE)

Global Id: T0608100027
Action Type: REMEDIATION
Date: 09/22/2014
Action: Soil Vapor Extraction (SVE)

Global Id: T0608100027
Action Type: REMEDIATION
Date: 01/02/2013
Action: Soil Vapor Extraction (SVE)

ARCO #0465 (Continued) **S101303078**

Global Id: T0608100027
Action Type: ENFORCEMENT
Date: 05/22/2013
Action: Staff Letter - #20130522

Global Id: T0608100027
Action Type: RESPONSE
Date: 08/15/2011
Action: Monitoring Report - Semi-Annually

Global Id: T0608100027
Action Type: RESPONSE
Date: 02/15/2012
Action: Monitoring Report - Semi-Annually

Global Id: T0608100027
Action Type: RESPONSE
Date: 02/15/2011
Action: Monitoring Report - Semi-Annually

Global Id: T0608100027
Action Type: RESPONSE
Date: 08/15/2012
Action: Monitoring Report - Semi-Annually

Global Id: T0608100027
Action Type: RESPONSE
Date: 11/15/2012
Action: Remedial Progress Report

Global Id: T0608100027
Action Type: RESPONSE
Date: 08/21/2012
Action: Soil and Water Investigation Workplan

Global Id: T0608100027
Action Type: RESPONSE
Date: 11/15/2016
Action: Monitoring Report - Semi-Annually

Global Id: T0608100027
Action Type: ENFORCEMENT
Date: 07/02/2009
Action: Staff Letter - #20090702

Global Id: T0608100027
Action Type: ENFORCEMENT
Date: 09/20/2005
Action: Staff Letter - #20050920

Global Id: T0608100027
Action Type: ENFORCEMENT
Date: 09/13/2007
Action: Technical Correspondence / Assistance / Other - #20070913

Global Id: T0608100027
Action Type: ENFORCEMENT

ARCO #0465 (Continued) **S101303078**

Date: 03/15/2011
Action: Staff Letter - #20110315

Global Id: T0608100027
Action Type: ENFORCEMENT
Date: 07/20/2005
Action: Staff Letter - #20050720

Global Id: T0608100027
Action Type: ENFORCEMENT
Date: 10/07/2014
Action: Technical Correspondence / Assistance / Other - #20141007

Global Id: T0608100027
Action Type: RESPONSE
Date: 12/18/2012
Action: Other Report / Document

Global Id: T0608100027
Action Type: RESPONSE
Date: 06/17/2013
Action: Conceptual Site Model

Global Id: T0608100027
Action Type: RESPONSE
Date: 10/30/2010
Action: Pilot Study / Treatability Workplan - Regulator Responded

Global Id: T0608100027
Action Type: REMEDIATION
Date: 03/04/1999
Action: Excavation

Global Id: T0608100027
Action Type: REMEDIATION
Date: 10/02/2000
Action: Soil Vapor Extraction (SVE)

Global Id: T0608100027
Action Type: REMEDIATION
Date: 10/21/1997
Action: Excavation

Global Id: T0608100027
Action Type: REMEDIATION
Date: 09/06/2000
Action: Excavation

Global Id: T0608100027
Action Type: ENFORCEMENT
Date: 08/18/2014
Action: Staff Letter - #20140818

Global Id: T0608100027
Action Type: ENFORCEMENT
Date: 08/13/2014
Action: Technical Correspondence / Assistance / Other - #20140813

ARCO #0465 (Continued) **S101303078**

Global Id: T0608100027
Action Type: ENFORCEMENT
Date: 05/21/2015
Action: Staff Letter - #20150521

Global Id: T0608100027
Action Type: ENFORCEMENT
Date: 02/02/2015
Action: Staff Letter - #20150202

Global Id: T0608100027
Action Type: Other
Date: 03/17/1992
Action: Leak Reported

Global Id: T0608100027
Action Type: RESPONSE
Date: 02/15/2006
Action: Monitoring Report - Quarterly

Global Id: T0608100027
Action Type: RESPONSE
Date: 05/15/2006
Action: Monitoring Report - Quarterly

Global Id: T0608100027
Action Type: RESPONSE
Date: 08/15/2005
Action: Monitoring Report - Quarterly

Global Id: T0608100027
Action Type: RESPONSE
Date: 05/15/2003
Action: Monitoring Report - Quarterly

Global Id: T0608100027
Action Type: RESPONSE
Date: 05/15/2005
Action: Monitoring Report - Quarterly

Global Id: T0608100027
Action Type: RESPONSE
Date: 08/15/2003
Action: Monitoring Report - Quarterly

Global Id: T0608100027
Action Type: RESPONSE
Date: 08/15/2004
Action: Monitoring Report - Quarterly

Global Id: T0608100027
Action Type: RESPONSE
Date: 11/15/2003
Action: Monitoring Report - Quarterly

Global Id: T0608100027
Action Type: RESPONSE

ARCO #0465 (Continued) **S101303078**

Date: 02/15/2003
Action: Monitoring Report - Quarterly

Global Id: T0608100027
Action Type: RESPONSE
Date: 02/15/2004
Action: Monitoring Report - Quarterly

Global Id: T0608100027
Action Type: RESPONSE
Date: 02/15/2005
Action: Monitoring Report - Quarterly

Global Id: T0608100027
Action Type: RESPONSE
Date: 02/15/2008
Action: Monitoring Report - Quarterly

Global Id: T0608100027
Action Type: RESPONSE
Date: 02/15/2007
Action: Monitoring Report - Quarterly

Global Id: T0608100027
Action Type: RESPONSE
Date: 08/15/2007
Action: Monitoring Report - Quarterly

Global Id: T0608100027
Action Type: RESPONSE
Date: 08/15/2006
Action: Monitoring Report - Quarterly

Global Id: T0608100027
Action Type: RESPONSE
Date: 11/15/2007
Action: Monitoring Report - Quarterly

Global Id: T0608100027
Action Type: RESPONSE
Date: 11/15/2006
Action: Monitoring Report - Quarterly

Global Id: T0608100027
Action Type: RESPONSE
Date: 11/15/2005
Action: Monitoring Report - Quarterly

Global Id: T0608100027
Action Type: RESPONSE
Date: 02/15/2013
Action: Remedial Progress Report

Global Id: T0608100027
Action Type: RESPONSE
Date: 05/15/2013
Action: Remedial Progress Report

ARCO #0465 (Continued) **S101303078**

Global Id: T0608100027
Action Type: RESPONSE
Date: 08/15/2013
Action: Remedial Progress Report

Global Id: T0608100027
Action Type: RESPONSE
Date: 07/31/2014
Action: Soil and Water Investigation Workplan - Regulator Responded

Global Id: T0608100027
Action Type: ENFORCEMENT
Date: 05/20/2015
Action: Email Correspondence - #20150520

Global Id: T0608100027
Action Type: ENFORCEMENT
Date: 03/18/2014
Action: Staff Letter - #20140318

Global Id: T0608100027
Action Type: ENFORCEMENT
Date: 12/14/2012
Action: Staff Letter - #20121214

Global Id: T0608100027
Action Type: RESPONSE
Date: 05/15/2009
Action: Monitoring Report - Quarterly

Global Id: T0608100027
Action Type: RESPONSE
Date: 08/15/2009
Action: Monitoring Report - Quarterly

Global Id: T0608100027
Action Type: RESPONSE
Date: 12/18/2009
Action: Corrective Action Plan / Remedial Action Plan

Global Id: T0608100027
Action Type: RESPONSE
Date: 08/19/2005
Action: Soil and Water Investigation Workplan

Global Id: T0608100027
Action Type: RESPONSE
Date: 10/24/2005
Action: Soil and Water Investigation Report

Global Id: T0608100027
Action Type: RESPONSE
Date: 11/15/2013
Action: Remedial Progress Report

Global Id: T0608100027
Action Type: RESPONSE

ARCO #0465 (Continued) **S101303078**

Date: 02/15/2014
Action: Remedial Progress Report

Global Id: T0608100027
Action Type: ENFORCEMENT
Date: 07/06/2010
Action: Staff Letter - #20100706

Global Id: T0608100027
Action Type: ENFORCEMENT
Date: 04/22/2005
Action: Staff Letter - #20050422

Global Id: T0608100027
Action Type: ENFORCEMENT
Date: 05/03/2016
Action: Technical Correspondence / Assistance / Other - #20160503

Global Id: T0608100027
Action Type: ENFORCEMENT
Date: 04/18/2016
Action: Email Correspondence - #20160418

Global Id: T0608100027
Action Type: ENFORCEMENT
Date: 03/07/2016
Action: Staff Letter - #20160307

Global Id: T0608100027
Action Type: RESPONSE
Date: 06/15/2010
Action: Site Assessment Report

Global Id: T0608100027
Action Type: RESPONSE
Date: 05/15/2008
Action: Monitoring Report - Quarterly

Global Id: T0608100027
Action Type: RESPONSE
Date: 05/15/2004
Action: Monitoring Report - Quarterly

Global Id: T0608100027
Action Type: RESPONSE
Date: 11/15/2004
Action: Monitoring Report - Quarterly

Global Id: T0608100027
Action Type: RESPONSE
Date: 05/15/2007
Action: Monitoring Report - Quarterly

Global Id: T0608100027
Action Type: RESPONSE
Date: 02/28/2013
Action: Pilot Study/ Treatability Report

ARCO #0465 (Continued) **S101303078**

Global Id: T0608100027
Action Type: RESPONSE
Date: 06/21/2005
Action: Correspondence

Global Id: T0608100027
Action Type: RESPONSE
Date: 04/01/2014
Action: Electronic Reporting Submittal Due

Global Id: T0608100027
Action Type: RESPONSE
Date: 10/30/2011
Action: CAP/RAP - Final Remediation / Design Plan

Global Id: T0608100027
Action Type: RESPONSE
Date: 10/30/2011
Action: CAP/RAP - Feasibility Study Report

Global Id: T0608100027
Action Type: RESPONSE
Date: 09/14/2005
Action: Correspondence

Global Id: T0608100027
Action Type: RESPONSE
Date: 11/17/2015
Action: Site Assessment Report

Global Id: T0608100027
Action Type: ENFORCEMENT
Date: 01/13/2011
Action: Staff Letter - #20110113

Global Id: T0608100027
Action Type: ENFORCEMENT
Date: 04/19/2016
Action: Notice of Violation - #20160419

Global Id: T0608100027
Action Type: ENFORCEMENT
Date: 05/03/2016
Action: Verbal Communication - #20160503

Global Id: T0608100027
Action Type: ENFORCEMENT
Date: 08/16/2016
Action: Staff Letter - #20160816

Global Id: T0608100027
Action Type: RESPONSE
Date: 11/15/2008
Action: Monitoring Report - Quarterly

Global Id: T0608100027
Action Type: RESPONSE

ARCO #0465 (Continued) **S101303078**

Date: 02/15/2009
Action: Monitoring Report - Quarterly

Global Id: T0608100027
Action Type: RESPONSE
Date: 08/15/2008
Action: Monitoring Report - Quarterly

Global Id: T0608100027
Action Type: RESPONSE
Date: 11/15/2009
Action: Monitoring Report - Quarterly

Global Id: T0608100027
Action Type: RESPONSE
Date: 09/29/2003
Action: Conceptual Site Model

Global Id: T0608100027
Action Type: RESPONSE
Date: 05/15/2015
Action: Remedial Progress Report

Global Id: T0608100027
Action Type: RESPONSE
Date: 11/15/2014
Action: Remedial Progress Report

Global Id: T0608100027
Action Type: RESPONSE
Date: 05/15/2014
Action: Remedial Progress Report

Global Id: T0608100027
Action Type: ENFORCEMENT
Date: 07/18/2003
Action: Staff Letter - #20030718

Global Id: T0608100027
Action Type: ENFORCEMENT
Date: 10/11/2007
Action: Staff Letter - #20071011

Global Id: T0608100027
Action Type: ENFORCEMENT
Date: 03/20/1992
Action: Notice of Responsibility - #19920320

Global Id: T0608100027
Action Type: ENFORCEMENT
Date: 04/21/2005
Action: Staff Letter - #20050421

Global Id: T0608100027
Action Type: ENFORCEMENT
Date: 11/23/2015
Action: Email Correspondence - #20151123

ARCO #0465 (Continued) **S101303078**

Global Id: T0608100027
Action Type: RESPONSE
Date: 08/15/2010
Action: Monitoring Report - Semi-Annually

Global Id: T0608100027
Action Type: RESPONSE
Date: 02/26/2015
Action: Soil and Water Investigation Report

Global Id: T0608100027
Action Type: ENFORCEMENT
Date: 05/24/2005
Action: Staff Letter - #20050524

Global Id: T0608100027
Action Type: ENFORCEMENT
Date: 05/30/2012
Action: Staff Letter - #20120530

Global Id: T0608100027
Action Type: RESPONSE
Date: 08/15/2015
Action: Electronic Reporting Submittal Due

Global Id: T0608100027
Action Type: ENFORCEMENT
Date: 09/10/2002
Action: Staff Letter - #20020910

Global Id: T0608100027
Action Type: ENFORCEMENT
Date: 06/19/2012
Action: Notice of Violation - #20120619

Global Id: T0608100027
Action Type: ENFORCEMENT
Date: 11/29/2012
Action: Staff Letter - #20121129

Global Id: T0608100027
Action Type: Other
Date: 03/17/1992
Action: Leak Discovery

Global Id: T0608100027
Action Type: RESPONSE
Date: 02/21/2011
Action: Soil and Water Investigation Workplan - Addendum

Global Id: T0608100027
Action Type: RESPONSE
Date: 05/30/2011
Action: Pilot Study/ Treatability Report

Global Id: T0608100027
Action Type: RESPONSE

ARCO #0465 (Continued) **S101303078**

Date: 05/15/2016
Action: Monitoring Report - Semi-Annually

Global Id: T0608100027
Action Type: RESPONSE
Date: 08/30/2016
Action: Pilot Study/ Treatability Report

LUST REG 2:
Region: 2
Facility Id: Not reported
Facility Status: Pollution Characterization
Case Number: 220033
How Discovered: OM
Leak Cause: Unknown
Leak Source: Unknown
Date Leak Confirmed: Not reported
Oversight Program: LUST
Prelim. Site Assesment Wokplan Submitted: Not reported
Preliminary Site Assesment Began: Not reported
Pollution Characterization Began: 9/9/2003
Pollution Remediation Plan Submitted: Not reported
Date Remediation Action Underway: 1/1/1965
Date Post Remedial Action Monitoring Began: 12/22/1992

SAN MATEO CO. LUST:
Region: SAN MATEO
Facility ID: 220033
Facility Status: 5C- Pollution Characterization
Global ID: T0608100027
APN Number: 002201550
Case Type: SAN MATEO CO. LUST
EDR Link ID: SAN MATEO CO. LUST

G45 **F A & M J MONTE** **HIST UST** **U001593982**
SSW **151 SOUTHGATE AVE** **N/A**
1/8-1/4 **DALY CITY, CA 94014**
0.235 mi.
1240 ft. **Site 3 of 5 in cluster G**

Relative:
Higher

Actual:
103 ft.

HIST UST:
File Number: Not reported
URL: Not reported
Region: STATE
Facility ID: 00000026925
Facility Type: Gas Station
Other Type: Not reported
Contact Name: Not reported
Telephone: 0000000000
Owner Name: ARCO PETROLEUM PRODUCTS CO.
Owner Address: 515 SOUTH FLOWER STREET
Owner City,St,Zip: LOS ANGELES, CA 90071
Total Tanks: 0004

Tank Num: 001
Container Num: 0000000001

F A & M J MONTE (Continued) **U001593982**

Year Installed:	Not reported
Tank Capacity:	00010000
Tank Used for:	PRODUCT
Type of Fuel:	06
Container Construction Thickness:	Not reported
Leak Detection:	Stock Inventor, 10
Tank Num:	002
Container Num:	0000000002
Year Installed:	Not reported
Tank Capacity:	00010000
Tank Used for:	PRODUCT
Type of Fuel:	06
Container Construction Thickness:	Not reported
Leak Detection:	Stock Inventor, 10
Tank Num:	003
Container Num:	0000000003
Year Installed:	Not reported
Tank Capacity:	00008000
Tank Used for:	PRODUCT
Type of Fuel:	06
Container Construction Thickness:	Not reported
Leak Detection:	Stock Inventor, 10
Tank Num:	004
Container Num:	0000000004
Year Installed:	Not reported
Tank Capacity:	00000500
Tank Used for:	PRODUCT
Type of Fuel:	WASTE OIL
Container Construction Thickness:	0000093
Leak Detection:	Stock Inventor

G46 **ARCO** **CHMIRS S103950587**
SSW **151 SOUTHGATE** **HIST CORTESE N/A**
1/8-1/4 **DALY CITY, CA 94015**
0.235 mi.
1240 ft. **Site 4 of 5 in cluster G**

Relative:
Higher

Actual:
103 ft.

CHMIRS:

OES Incident Number:	0-3932
OES notification:	08/31/2000
OES Date:	Not reported
OES Time:	Not reported
Date Completed:	**Not reported**
Property Use:	Not reported
Agency Id Number:	Not reported
Agency Incident Number:	Not reported
Time Notified:	Not reported
Time Completed:	Not reported
Surrounding Area:	Not reported
Estimated Temperature:	Not reported
Property Management:	Not reported
More Than Two Substances Involved?:	Not reported
Resp Agncy Personel # Of Decontaminated:	Not reported
Responding Agency Personel # Of Injuries:	Not reported
Responding Agency Personel # Of Fatalities:	Not reported

ARCO (Continued) **S103950587**

Others Number Of Decontaminated:	Not reported
Others Number Of Injuries:	Not reported
Others Number Of Fatalities:	Not reported
Vehicle Make/year:	Not reported
Vehicle License Number:	Not reported
Vehicle State:	Not reported
Vehicle Id Number:	Not reported
CA DOT PUC/ICC Number:	Not reported
Company Name:	Not reported
Reporting Officer Name/ID:	Not reported
Report Date:	Not reported
Facility Telephone:	Not reported
Waterway Involved:	No
Waterway:	Not reported
Spill Site:	Not reported
Cleanup By:	Unknown
Containment:	Not reported
What Happened:	Not reported
Type:	Not reported
Measure:	Not reported
Other:	Not reported
Date/Time:	Not reported
Year:	2000
Agency:	Arco
Incident Date:	8/31/200012:00:00 AM
Admin Agency:	San Mateo County Environmental Health
Amount:	Not reported
Contained:	Yes
Site Type:	Service Station
E Date:	Not reported
Substance:	gasoline with rinsat
Gallons:	500
Unknown:	0
Substance #2:	Not reported
Substance #3:	Not reported
Evacuations:	0
Number of Injuries:	0
Number of Fatalities:	0
#1 Pipeline:	Not reported
#2 Pipeline:	Not reported
#3 Pipeline:	Not reported
#1 Vessel >= 300 Tons:	Not reported
#2 Vessel >= 300 Tons:	Not reported
#3 Vessel >= 300 Tons:	Not reported
Evacs:	Not reported
Injuries:	Not reported
Fatals:	Not reported
Comments:	Not reported
Description:	During the process of removing a tank, the construction crew left, upon returning later to find the tank had emptied.

HIST CORTESE:

Region:	CORTESE
Facility County Code:	41
Reg By:	LTNKA
Reg Id:	41-0028

G47
SSW
1/8-1/4
0.235 mi.
1240 ft.

ARCO 00465
151 SOUTHGATE
DALY CITY, CA 94015

Site 5 of 5 in cluster G

San Mateo Co. BI **S113053183**
N/A

Relative:
Higher

Actual:
103 ft.

San Mateo Co. BI:

Region:	SAN MATEO
Facility ID:	FA0017151
Prog Element Code:	GENERATES and RECYCLES WASTE OIL/SOLVENT
Record Id:	PR0010960
Description:	GENERATES & RECYCLES WASTE OIL/SOLVENT
Facility Status:	ACTIVE

Region:	SAN MATEO
Facility ID:	FA0017151
Prog Element Code:	STORES MV FUELS OR WASTE ONLY
Record Id:	PR0023784
Description:	STORES MV FUELS OR WASTE ONLY
Facility Status:	ACTIVE

Region:	SAN MATEO
Facility ID:	FA0017151
Prog Element Code:	UNDERGROUND TANK - GENERAL
Record Id:	PR0022270
Description:	UNDERGROUND TANK - GENERAL
Facility Status:	ACTIVE

48
SSW
1/4-1/2
0.270 mi.
1426 ft.

SOUTHGATE CLEANERS
183 SOUTHGATE AVE
DALY CITY, CA 94015

RCRA-SQG **1000409457**
LUST **CAD981635766**
SLIC
FINDS
San Mateo Co. BI
DRYCLEANERS
EMI
HAZNET
ECHO

Relative:
Higher

Actual:
121 ft.

RCRA-SQG:

Date form received by agency:	09/01/1996
Facility name:	SOUTHGATE CLEANERS
Facility address:	183 SOUTHGATE AVE DALY CITY, CA 94015
EPA ID:	CAD981635766
Contact:	Not reported
Contact address:	Not reported Not reported
Contact country:	US
Contact telephone:	Not reported
Contact email:	Not reported
EPA Region:	09
Classification:	Small Small Quantity Generator
Description:	Handler: generates more than 100 and less than 1000 kg of hazardous waste during any calendar month and accumulates less than 6000 kg of hazardous waste at any time; or generates 100 kg or less of hazardous waste during any calendar month, and accumulates more than 1000 kg of hazardous waste at any time

Owner/Operator Summary:

SOUTHGATE CLEANERS (Continued) **1000409457**

Owner/operator name: TOY MILTON
Owner/operator address: NOT REQUIRED
NOT REQUIRED, ME 99999
Owner/operator country: Not reported
Owner/operator telephone: (415) 555-1212
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Owner/operator name: NOT REQUIRED
Owner/operator address: NOT REQUIRED
NOT REQUIRED, ME 99999
Owner/operator country: Not reported
Owner/operator telephone: (415) 555-1212
Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Handler Activities Summary:
U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Historical Generators:
Date form received by agency: 12/16/1986
Site name: SOUTHGATE CLEANERS
Classification: Large Quantity Generator

Violation Status: No violations found

SAN MATEO CO. LUST:
Region: SAN MATEO
Facility ID: 229067
Facility Status: 3B- Preliminary Assessment Underway
Global ID: SL0608188850
APN Number: 002191330
Case Type: SAN MATEO CO. LUST
EDR Link ID: SAN MATEO CO. LUST

SLIC:
Region: STATE
Facility Status: Open - Site Assessment

SOUTHGATE CLEANERS (Continued) **1000409457**

Status Date:	06/04/2008
Global Id:	SL0608188850
Lead Agency:	SAN MATEO COUNTY LOP
Lead Agency Case Number:	229067
Latitude:	37.6971209492773
Longitude:	-122.483853820763
Case Type:	Cleanup Program Site
Case Worker:	JM
Local Agency:	SAN MATEO COUNTY LOP
RB Case Number:	Not reported
File Location:	Local Agency
Potential Media Affected:	Soil
Potential Contaminants of Concern:	Tetrachloroethylene (PCE)
Site History:	Can be extracted from most recent report in Geotracker or at San Mateo County offices if submitted prior to 2005, San Mateo County does not take responsibility for the accuracy of the statements made or any professional interpretations made in the referenced report.

Click here to access the California GeoTracker records for this facility:

FINDS:

Registry ID: 110001156481

Environmental Interest/Information System

California Hazardous Waste Tracking System - Datamart (HWTS-DATAMART) provides California with information on hazardous waste shipments for generators, transporters, and treatment, storage, and disposal facilities.

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

HAZARDOUS AIR POLLUTANT MAJOR

STATE MASTER

San Mateo Co. BI:

Region:	SAN MATEO
Facility ID:	FA0017185
Prog Element Code:	GENERATES and RECYCLES WASTE OIL/SOLVENT
Record Id:	PR0010940
Description:	GENERATES & RECYCLES WASTE OIL/SOLVENT
Facility Status:	INACTIVE

Region:	SAN MATEO
Facility ID:	FA0017185
Prog Element Code:	STORES HAZ MAT <219GAL,1,999LB, 879FT3
Record Id:	PR0003617
Description:	STORES HAZ MAT <219GAL,1,999LB, 879CF
Facility Status:	INACTIVE

SOUTHGATE CLEANERS (Continued) **1000409457**

DRYCLEANERS:

EPA Id:	CAD981635766
NAICS Code:	81232
NAICS Description:	Drycleaning and Laundry Services (except Coin-Operated)
SIC Code:	7211
SIC Description:	Power Laundries, Family and Commercial
Create Date:	07/03/1987
Facility Active:	No
Inactive Date:	06/30/2007
Facility Addr2:	Not reported
Owner Name:	TOY MELTON
Owner Address:	183 SOUTHGATE AVE
Owner Address 2:	Not reported
Owner Telephone:	6507565244
Contact Name:	TOY MILTON
Contact Address:	183 SOUTHGATE AVE
Contact Address 2:	Not reported
Contact Telephone:	6507565244
Mailing Name:	Not reported
Mailing Address 1:	735 HICKEY BLVD STE 139
Mailing Address 2:	Not reported
Mailing City:	PACIFICA
Mailing State:	CA
Mailing Zip:	940440000
Owner Fax:	Not reported
Region Code:	2

EMI:

Year:	1990
County Code:	41
Air Basin:	SF
Facility ID:	4596
Air District Name:	BA
SIC Code:	7216
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	1
Reactive Organic Gases Tons/Yr:	0
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

Year:	1995
County Code:	41
Air Basin:	SF
Facility ID:	4596
Air District Name:	BA
SIC Code:	7216
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	1
Reactive Organic Gases Tons/Yr:	0

SOUTHGATE CLEANERS (Continued) **1000409457**

Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

Year:	1996
County Code:	41
Air Basin:	SF
Facility ID:	4596
Air District Name:	BA
SIC Code:	7216
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0
Reactive Organic Gases Tons/Yr:	0
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

Year:	1997
County Code:	41
Air Basin:	SF
Facility ID:	4596
Air District Name:	BA
SIC Code:	7216
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0
Reactive Organic Gases Tons/Yr:	0
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

Year:	2001
County Code:	41
Air Basin:	SF
Facility ID:	4596
Air District Name:	BA
SIC Code:	7216
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0
Reactive Organic Gases Tons/Yr:	0
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

SOUTHGATE CLEANERS (Continued) **1000409457**

Year:	2002
County Code:	41
Air Basin:	SF
Facility ID:	4596
Air District Name:	BA
SIC Code:	7216
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0
Reactive Organic Gases Tons/Yr:	0
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

Year:	2003
County Code:	41
Air Basin:	SF
Facility ID:	4596
Air District Name:	BA
SIC Code:	7216
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	1
Reactive Organic Gases Tons/Yr:	0
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

Year:	2004
County Code:	41
Air Basin:	SF
Facility ID:	4596
Air District Name:	BA
SIC Code:	7216
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0.513
Reactive Organic Gases Tons/Yr:	0
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

Year:	2005
County Code:	41
Air Basin:	SF
Facility ID:	4596
Air District Name:	BA
SIC Code:	7216

SOUTHGATE CLEANERS (Continued) **1000409457**

Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0
Reactive Organic Gases Tons/Yr:	0
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

Year:	2006
County Code:	41
Air Basin:	SF
Facility ID:	4596
Air District Name:	BA
SIC Code:	7216
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	.304
Reactive Organic Gases Tons/Yr:	0
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

Year:	2007
County Code:	41
Air Basin:	SF
Facility ID:	4596
Air District Name:	BA
SIC Code:	7216
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	.304
Reactive Organic Gases Tons/Yr:	.2123744
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

HAZNET:

envid:	1000409457
Year:	2007
GEPAID:	CAD981635766
Contact:	TOY MILTON
Telephone:	6507565244
Mailing Name:	Not reported
Mailing Address:	735 HICKEY BLVD STE 139
Mailing City,St,Zip:	PACIFICA, CA 940440000
Gen County:	Not reported
TSD EPA ID:	CA0000084517
TSD County:	Not reported

SOUTHGATE CLEANERS (Continued) **1000409457**

Waste Category: Liquids with halogenated organic compounds >= 1,000 Mg./L
Disposal Method: Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons: 0.35
Cat Decode: Not reported
Method Decode: Not reported
Facility County: San Mateo

envid: 1000409457
Year: 2006
GEPAID: CAD981635766
Contact: TOY MILTON
Telephone: 6507565244
Mailing Name: Not reported
Mailing Address: 183 SOUTHGATE AVE
Mailing City,St,Zip: DALY CITY, CA 940153160
Gen County: Not reported
TSD EPA ID: CA0000084517
TSD County: Not reported
Waste Category: Liquids with halogenated organic compounds >= 1,000 Mg./L
Disposal Method: Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons: 0.19
Cat Decode: Not reported
Method Decode: Not reported
Facility County: San Mateo

envid: 1000409457
Year: 2006
GEPAID: CAD981635766
Contact: TOY MILTON
Telephone: 6507565244
Mailing Name: Not reported
Mailing Address: 183 SOUTHGATE AVE
Mailing City,St,Zip: DALY CITY, CA 940153160
Gen County: Not reported
TSD EPA ID: CA0000084517
TSD County: Not reported
Waste Category: Liquids with halogenated organic compounds >= 1,000 Mg./L
Disposal Method: Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons: 0.03
Cat Decode: Not reported
Method Decode: Not reported
Facility County: San Mateo

envid: 1000409457
Year: 2006
GEPAID: CAD981635766
Contact: TOY MILTON
Telephone: 6507565244
Mailing Name: Not reported
Mailing Address: 183 SOUTHGATE AVE
Mailing City,St,Zip: DALY CITY, CA 940153160
Gen County: Not reported
TSD EPA ID: CA0000084517
TSD County: Not reported

SOUTHGATE CLEANERS (Continued) **1000409457**

Waste Category:	Liquids with halogenated organic compounds >= 1,000 Mg./L
Disposal Method:	Transfer Station
Tons:	0.19
Cat Decode:	Not reported
Method Decode:	Not reported
Facility County:	San Mateo

envid:	1000409457
Year:	2005
GEPAID:	CAD981635766
Contact:	TOY MILTON
Telephone:	6507565244
Mailing Name:	Not reported
Mailing Address:	183 SOUTHGATE AVE
Mailing City,St,Zip:	DALY CITY, CA 940153160
Gen County:	Not reported
TSD EPA ID:	CA0000084517
TSD County:	Not reported
Waste Category:	Liquids with halogenated organic compounds >= 1,000 Mg./L
Disposal Method:	Transfer Station
Tons:	1.09
Cat Decode:	Not reported
Method Decode:	Not reported
Facility County:	San Mateo

Click this hyperlink while viewing on your computer to access
18 additional CA_HAZNET: record(s) in the EDR Site Report.

ECHO:

Envid:	1000409457
Registry ID:	110001156481
DFR URL:	http://echo.epa.gov/detailed_facility_report?fid=110001156481

H49 **UNOCAL STATION #3816** **LUST** **S104660360**
ENE **101 SOUTH MAYFAIR AVENUE** **San Mateo Co. BI** **N/A**
1/4-1/2 **DALY CITY, CA 94015** **HIST CORTESE**
0.372 mi.
1962 ft. **Site 1 of 3 in cluster H**

Relative:
Higher

Actual:
162 ft.

LUST:

Region:	STATE
Global Id:	T0608100912
Latitude:	37.703699
Longitude:	-122.475655
Case Type:	LUST Cleanup Site
Status:	Open - Remediation
Status Date:	04/23/2012
Lead Agency:	SAN MATEO COUNTY LOP
Case Worker:	DGM
Local Agency:	SAN MATEO COUNTY LOP
RB Case Number:	41-0998
LOC Case Number:	220036
File Location:	Local Agency
Potential Media Affect:	Soil, Soil Vapor
Potential Contaminants of Concern:	Gasoline
Site History:	Can be extracted from most recent report in Geotracker or at San Mateo County offices if submitted prior to 2005, San Mateo County

UNOCAL STATION #3816 (Continued) **S104660360**

does not take responsibility for the accuracy of the statements made or any professional interpretations made in the referenced report.

Click here to access the California GeoTracker records for this facility:

Contact:

Global Id:	T0608100912
Contact Type:	Local Agency Caseworker
Contact Name:	DENO MILANO
Organization Name:	SAN MATEO COUNTY LOP
Address:	2000 ALAMEDA DE LAS PULGAS
City:	SAN MATEO
Email:	dmilano@smcgov.org
Phone Number:	6503726292

Global Id:	T0608100912
Contact Type:	Regional Board Caseworker
Contact Name:	Regional Water Board
Organization Name:	SAN FRANCISCO BAY RWQCB (REGION 2)
Address:	1515 CLAY ST SUITE 1400
City:	OAKLAND
Email:	Not reported
Phone Number:	Not reported

Status History:

Global Id:	T0608100912
Status:	Open - Case Begin Date
Status Date:	04/13/1993

Global Id:	T0608100912
Status:	Open - Site Assessment
Status Date:	05/01/1995

Global Id:	T0608100912
Status:	Open - Remediation
Status Date:	07/13/2010

Global Id:	T0608100912
Status:	Open - Remediation
Status Date:	04/23/2012

Regulatory Activities:

Global Id:	T0608100912
Action Type:	REMEDIATION
Date:	06/20/2013
Action:	Soil Vapor Extraction (SVE)

Global Id:	T0608100912
Action Type:	REMEDIATION
Date:	09/23/2013
Action:	Soil Vapor Extraction (SVE)

Global Id:	T0608100912
Action Type:	REMEDIATION
Date:	04/01/2013
Action:	Soil Vapor Extraction (SVE)

UNOCAL STATION #3816 (Continued) **S104660360**

Global Id: T0608100912
Action Type: REMEDIATION
Date: 06/27/2012
Action: Soil Vapor Extraction (SVE)

Global Id: T0608100912
Action Type: ENFORCEMENT
Date: 04/30/2012
Action: Technical Correspondence / Assistance / Other

Global Id: T0608100912
Action Type: ENFORCEMENT
Date: 12/10/2012
Action: Technical Correspondence / Assistance / Other - #20121210

Global Id: T0608100912
Action Type: RESPONSE
Date: 08/15/2015
Action: Remedial Progress Report

Global Id: T0608100912
Action Type: RESPONSE
Date: 01/26/2017
Action: Soil and Water Investigation Report

Global Id: T0608100912
Action Type: REMEDIATION
Date: 12/19/2012
Action: Soil Vapor Extraction (SVE)

Global Id: T0608100912
Action Type: REMEDIATION
Date: 03/21/2014
Action: Soil Vapor Extraction (SVE)

Global Id: T0608100912
Action Type: REMEDIATION
Date: 12/20/2013
Action: Soil Vapor Extraction (SVE)

Global Id: T0608100912
Action Type: REMEDIATION
Date: 09/29/2015
Action: Soil Vapor Extraction (SVE)

Global Id: T0608100912
Action Type: REMEDIATION
Date: 09/02/2015
Action: Soil Vapor Extraction (SVE)

Global Id: T0608100912
Action Type: REMEDIATION
Date: 01/04/2016
Action: Soil Vapor Extraction (SVE)

Global Id: T0608100912
Action Type: ENFORCEMENT

UNOCAL STATION #3816 (Continued) **S104660360**

Date: 03/08/2006
Action: Staff Letter - #20060308

Global Id: T0608100912
Action Type: ENFORCEMENT
Date: 10/19/2004
Action: Staff Letter - #20041019

Global Id: T0608100912
Action Type: ENFORCEMENT
Date: 06/05/1998
Action: Unauthorized Release Form

Global Id: T0608100912
Action Type: ENFORCEMENT
Date: 03/04/2004
Action: Staff Letter - #20040304

Global Id: T0608100912
Action Type: ENFORCEMENT
Date: 02/11/2008
Action: Technical Correspondence / Assistance / Other - #20080211

Global Id: T0608100912
Action Type: ENFORCEMENT
Date: 04/01/2009
Action: Technical Correspondence / Assistance / Other - #20090401

Global Id: T0608100912
Action Type: ENFORCEMENT
Date: 04/24/1993
Action: Notice of Responsibility - #19930424

Global Id: T0608100912
Action Type: ENFORCEMENT
Date: 09/08/2005
Action: Staff Letter - #20050908

Global Id: T0608100912
Action Type: ENFORCEMENT
Date: 06/05/2007
Action: Staff Letter - #20070605

Global Id: T0608100912
Action Type: ENFORCEMENT
Date: 04/19/2012
Action: Technical Correspondence / Assistance / Other - #20120419

Global Id: T0608100912
Action Type: ENFORCEMENT
Date: 04/27/1993
Action: Unauthorized Release Form

Global Id: T0608100912
Action Type: ENFORCEMENT
Date: 11/01/2005
Action: Staff Letter - #20051101

UNOCAL STATION #3816 (Continued) **S104660360**

Global Id: T0608100912
Action Type: ENFORCEMENT
Date: 04/27/2009
Action: Staff Letter - #20090427

Global Id: T0608100912
Action Type: ENFORCEMENT
Date: 10/02/2003
Action: Staff Letter - #20031002

Global Id: T0608100912
Action Type: ENFORCEMENT
Date: 07/21/2009
Action: Staff Letter - #20090721

Global Id: T0608100912
Action Type: ENFORCEMENT
Date: 08/17/2015
Action: Technical Correspondence / Assistance / Other - #20150817

Global Id: T0608100912
Action Type: RESPONSE
Date: 11/15/2012
Action: Remedial Progress Report

Global Id: T0608100912
Action Type: RESPONSE
Date: 02/15/2013
Action: Remedial Progress Report

Global Id: T0608100912
Action Type: REMEDIATION
Date: 09/26/2012
Action: Soil Vapor Extraction (SVE)

Global Id: T0608100912
Action Type: REMEDIATION
Date: 04/23/2012
Action: Soil Vapor Extraction (SVE)

Global Id: T0608100912
Action Type: ENFORCEMENT
Date: 04/13/2015
Action: Staff Letter - #20150413

Global Id: T0608100912
Action Type: Other
Date: 04/27/1993
Action: Leak Reported

Global Id: T0608100912
Action Type: RESPONSE
Date: 05/15/2013
Action: Remedial Progress Report

Global Id: T0608100912
Action Type: RESPONSE

UNOCAL STATION #3816 (Continued) **S104660360**

Date: 08/15/2013
Action: Remedial Progress Report

Global Id: T0608100912
Action Type: RESPONSE
Date: 07/16/2014
Action: Soil and Water Investigation Workplan - Regulator Responded

Global Id: T0608100912
Action Type: ENFORCEMENT
Date: 11/22/2010
Action: Staff Letter - #20101122

Global Id: T0608100912
Action Type: ENFORCEMENT
Date: 03/28/2011
Action: Staff Letter - #20110328

Global Id: T0608100912
Action Type: ENFORCEMENT
Date: 08/25/2015
Action: Staff Letter - #20150825

Global Id: T0608100912
Action Type: ENFORCEMENT
Date: 06/10/2014
Action: Staff Letter - #20140610

Global Id: T0608100912
Action Type: ENFORCEMENT
Date: 04/28/2014
Action: Staff Letter - #20140428

Global Id: T0608100912
Action Type: RESPONSE
Date: 12/01/2003
Action: Soil and Water Investigation Workplan - Addendum

Global Id: T0608100912
Action Type: RESPONSE
Date: 07/09/2004
Action: Risk Assessment Report

Global Id: T0608100912
Action Type: RESPONSE
Date: 01/13/2005
Action: CAP/RAP - Feasibility Study Report

Global Id: T0608100912
Action Type: RESPONSE
Date: 06/14/2006
Action: Well Installation Report

Global Id: T0608100912
Action Type: RESPONSE
Date: 06/14/2006
Action: Pilot Study / Treatability Workplan

UNOCAL STATION #3816 (Continued) **S104660360**

Global Id:	T0608100912
Action Type:	RESPONSE
Date:	06/14/2006
Action:	Soil and Water Investigation Workplan
Global Id:	T0608100912
Action Type:	RESPONSE
Date:	10/11/2007
Action:	Risk Assessment Report
Global Id:	T0608100912
Action Type:	RESPONSE
Date:	10/11/2007
Action:	Pilot Study/ Treatability Report
Global Id:	T0608100912
Action Type:	RESPONSE
Date:	07/20/2007
Action:	Electronic Reporting Submittal Due
Global Id:	T0608100912
Action Type:	RESPONSE
Date:	02/19/2014
Action:	Soil and Water Investigation Workplan
Global Id:	T0608100912
Action Type:	RESPONSE
Date:	07/12/2016
Action:	Soil and Water Investigation Workplan - Regulator Responded
Global Id:	T0608100912
Action Type:	REMEDIATION
Date:	04/13/1993
Action:	Excavation
Global Id:	T0608100912
Action Type:	REMEDIATION
Date:	06/03/1998
Action:	Excavation
Global Id:	T0608100912
Action Type:	REMEDIATION
Date:	04/21/2008
Action:	Soil Vapor Extraction (SVE)
Global Id:	T0608100912
Action Type:	ENFORCEMENT
Date:	06/20/2011
Action:	Staff Letter - #20110620
Global Id:	T0608100912
Action Type:	ENFORCEMENT
Date:	09/10/2014
Action:	Technical Correspondence / Assistance / Other - #20140910
Global Id:	T0608100912
Action Type:	ENFORCEMENT

UNOCAL STATION #3816 (Continued) **S104660360**

Date: 09/10/2014
Action: Staff Letter - #20140910

Global Id: T0608100912
Action Type: ENFORCEMENT
Date: 08/31/2016
Action: Staff Letter - #20160831

Global Id: T0608100912
Action Type: RESPONSE
Date: 07/09/2004
Action: Soil and Water Investigation Workplan

Global Id: T0608100912
Action Type: RESPONSE
Date: 02/16/2009
Action: Soil and Water Investigation Workplan

Global Id: T0608100912
Action Type: RESPONSE
Date: 01/22/2004
Action: Soil and Water Investigation Report

Global Id: T0608100912
Action Type: RESPONSE
Date: 08/29/2007
Action: Electronic Reporting Submittal Due

Global Id: T0608100912
Action Type: RESPONSE
Date: 05/13/2004
Action: Other Report / Document

Global Id: T0608100912
Action Type: RESPONSE
Date: 04/30/2015
Action: Site Assessment Report

Global Id: T0608100912
Action Type: ENFORCEMENT
Date: 03/02/2011
Action: Technical Correspondence / Assistance / Other - #20110302

Global Id: T0608100912
Action Type: ENFORCEMENT
Date: 03/09/2011
Action: Staff Letter - #20110309

Global Id: T0608100912
Action Type: ENFORCEMENT
Date: 02/09/2016
Action: Staff Letter - #20160209

Global Id: T0608100912
Action Type: ENFORCEMENT
Date: 03/09/2016
Action: Staff Letter - #20160309

UNOCAL STATION #3816 (Continued) **S104660360**

Global Id:	T0608100912
Action Type:	RESPONSE
Date:	11/10/2009
Action:	Risk Assessment Report
Global Id:	T0608100912
Action Type:	RESPONSE
Date:	11/10/2009
Action:	Soil and Water Investigation Workplan
Global Id:	T0608100912
Action Type:	RESPONSE
Date:	12/09/2009
Action:	CAP/RAP - Feasibility Study Report
Global Id:	T0608100912
Action Type:	RESPONSE
Date:	06/05/2009
Action:	Other Report / Document
Global Id:	T0608100912
Action Type:	RESPONSE
Date:	01/10/2011
Action:	Soil and Water Investigation Report
Global Id:	T0608100912
Action Type:	RESPONSE
Date:	08/15/2012
Action:	Remedial Progress Report
Global Id:	T0608100912
Action Type:	RESPONSE
Date:	05/31/2012
Action:	Remedial Progress Report
Global Id:	T0608100912
Action Type:	RESPONSE
Date:	10/30/2014
Action:	Well Installation Report
Global Id:	T0608100912
Action Type:	RESPONSE
Date:	08/15/2014
Action:	Remedial Progress Report
Global Id:	T0608100912
Action Type:	RESPONSE
Date:	02/15/2014
Action:	Remedial Progress Report
Global Id:	T0608100912
Action Type:	RESPONSE
Date:	05/15/2015
Action:	Remedial Progress Report
Global Id:	T0608100912
Action Type:	RESPONSE

UNOCAL STATION #3816 (Continued) **S104660360**

Date: 05/15/2014
Action: Remedial Progress Report

Global Id: T0608100912
Action Type: ENFORCEMENT
Date: 07/13/2010
Action: Staff Letter - #20100713

Global Id: T0608100912
Action Type: ENFORCEMENT
Date: 11/22/2011
Action: Staff Letter - #20111122

Global Id: T0608100912
Action Type: ENFORCEMENT
Date: 07/14/2016
Action: Staff Letter - #20160714

Global Id: T0608100912
Action Type: RESPONSE
Date: 07/09/2004
Action: Risk Assessment Report

Global Id: T0608100912
Action Type: RESPONSE
Date: 11/15/2014
Action: Remedial Progress Report

Global Id: T0608100912
Action Type: RESPONSE
Date: 02/15/2015
Action: Remedial Progress Report

Global Id: T0608100912
Action Type: RESPONSE
Date: 11/15/2013
Action: Remedial Progress Report

Global Id: T0608100912
Action Type: RESPONSE
Date: 11/15/2015
Action: Remedial Progress Report

Global Id: T0608100912
Action Type: ENFORCEMENT
Date: 08/29/2007
Action: Technical Correspondence / Assistance / Other - #20070829

Global Id: T0608100912
Action Type: ENFORCEMENT
Date: 04/13/2004
Action: Staff Letter - #20040413

Global Id: T0608100912
Action Type: ENFORCEMENT
Date: 04/01/2004
Action: Staff Letter - #20040401

UNOCAL STATION #3816 (Continued) **S104660360**

Global Id: T0608100912
Action Type: ENFORCEMENT
Date: 01/31/2012
Action: Technical Correspondence / Assistance / Other - #20120131

Global Id: T0608100912
Action Type: ENFORCEMENT
Date: 02/26/2013
Action: Technical Correspondence / Assistance / Other - #20130226

Global Id: T0608100912
Action Type: ENFORCEMENT
Date: 08/16/2012
Action: Staff Letter - #20120816

Global Id: T0608100912
Action Type: RESPONSE
Date: 04/15/2016
Action: Soil Vapor Intrusion Investigation Report

Global Id: T0608100912
Action Type: ENFORCEMENT
Date: 08/25/2008
Action: Staff Letter - #20080825

Global Id: T0608100912
Action Type: ENFORCEMENT
Date: 07/30/2013
Action: Staff Letter - #20130730

Global Id: T0608100912
Action Type: Other
Date: 04/13/1993
Action: Leak Discovery

Global Id: T0608100912
Action Type: RESPONSE
Date: 12/31/2010
Action: Correspondence

Global Id: T0608100912
Action Type: RESPONSE
Date: 04/08/2011
Action: Correspondence

Global Id: T0608100912
Action Type: RESPONSE
Date: 07/31/2011
Action: Correspondence

Global Id: T0608100912
Action Type: RESPONSE
Date: 05/15/2016
Action: Remedial Progress Report

Global Id: T0608100912
Action Type: RESPONSE

UNOCAL STATION #3816 (Continued) **S104660360**

Date: 02/15/2016
Action: Remedial Progress Report

Global Id: T0608100912
Action Type: RESPONSE
Date: 02/28/2017
Action: Soil Vapor Intrusion Investigation Report

San Mateo Co. BI:
Region: SAN MATEO
Facility ID: FA0017152
Prog Element Code: GENERATES <27 GAL/YEAR
Record Id: PR0010954
Description: GENERATES <27 GAL/YEAR
Facility Status: ACTIVE

Region: SAN MATEO
Facility ID: FA0017152
Prog Element Code: STORES MV FUELS OR WASTE ONLY
Record Id: PR0023795
Description: STORES MV FUELS OR WASTE ONLY
Facility Status: ACTIVE

Region: SAN MATEO
Facility ID: FA0017152
Prog Element Code: UNDERGROUND TANK - GENERAL
Record Id: PR0022271
Description: UNDERGROUND TANK - GENERAL
Facility Status: ACTIVE

Region: SAN MATEO
Facility ID: FA0028614
Prog Element Code: GENERATES and RECYCLES WASTE OIL/SOLVENT
Record Id: PR0047823
Description: GENERATES & RECYCLES WASTE OIL/SOLVENT
Facility Status: INACTIVE

Region: SAN MATEO
Facility ID: FA0028614
Prog Element Code: STORES MV FUELS OR WASTE ONLY
Record Id: PR0047822
Description: STORES MV FUELS OR WASTE ONLY
Facility Status: INACTIVE

Region: SAN MATEO
Facility ID: FA0029172
Prog Element Code: GENERATES and RECYCLES WASTE OIL/SOLVENT
Record Id: PR0049429
Description: GENERATES & RECYCLES WASTE OIL/SOLVENT
Facility Status: INACTIVE

Region: SAN MATEO
Facility ID: FA0029172
Prog Element Code: STORES MV FUELS OR WASTE ONLY
Record Id: PR0049428
Description: STORES MV FUELS OR WASTE ONLY

UNOCAL STATION #3816 (Continued) **S104660360**

Facility Status: INACTIVE

HIST CORTESE:
Region: CORTESE
Facility County Code: 41
Reg By: LTNKA
Reg Id: 41-0998

H50 **UNION OIL SS#3816** **LUST U001594062**
ENE **101 S MAYFAIR AVE** **HIST UST N/A**
1/4-1/2 **DALY CITY, CA 94015**
0.372 mi.
1962 ft. **Site 2 of 3 in cluster H**

Relative:
Higher

Actual:
162 ft.

SAN MATEO CO. LUST:
Region: SAN MATEO
Facility ID: 220036
Facility Status: 5C- Pollution Characterization
Global ID: T0608100912
APN Number: 002072030
Case Type: SAN MATEO CO. LUST
EDR Link ID: SAN MATEO CO. LUST

HIST UST:
File Number: Not reported
URL: Not reported
Region: STATE
Facility ID: 00000031664
Facility Type: Gas Station
Other Type: Not reported
Contact Name: MILTON PAIGE
Telephone: 4157569931
Owner Name: UNION OIL CO.
Owner Address: 1 CALIFORNIA ST. SUITE 2700
Owner City,St,Zip: SAN FRANCISCO, CA 94111
Total Tanks: 0003

Tank Num: 001
Container Num: 3816-1-1
Year Installed: 1972
Tank Capacity: 00010000
Tank Used for: PRODUCT
Type of Fuel: UNLEADED
Container Construction Thickness: Not reported
Leak Detection: Stock Inventor, 10

Tank Num: 002
Container Num: 3816-2-1
Year Installed: 1972
Tank Capacity: 00010000
Tank Used for: PRODUCT
Type of Fuel: PREMIUM
Container Construction Thickness: Not reported
Leak Detection: Stock Inventor, 10

Tank Num: 003
Container Num: 3816-4-1

UNION OIL SS#3816 (Continued) **U001594062**

Year Installed:	Not reported
Tank Capacity:	00000550
Tank Used for:	WASTE
Type of Fuel:	WASTE OIL
Container Construction Thickness:	Not reported
Leak Detection:	Stock Inventor

H51 **UNION OIL SERVICE STATION 3816** **LUST** **S101593815**
ENE **101 S MAYFAIR AVE** **SWEEPS UST** **N/A**
1/4-1/2 **DALY CITY, CA 94015** **CA FID UST**
0.372 mi. **EMI**
1962 ft. **Site 3 of 3 in cluster H**

Relative:
Higher

Actual:
162 ft.

LUST REG 2:

Region:	2
Facility Id:	Not reported
Facility Status:	Pollution Characterization
Case Number:	220036
How Discovered:	Tank Closure
Leak Cause:	Unknown
Leak Source:	Unknown
Date Leak Confirmed:	Not reported
Oversight Program:	LUST
Prelim. Site Assesment Wokplan Submitted:	Not reported
Preliminary Site Assesment Began:	Not reported
Pollution Characterization Began:	5/1/1995
Pollution Remediation Plan Submitted:	Not reported
Date Remediation Action Underway:	Not reported
Date Post Remedial Action Monitoring Began:	Not reported

SWEEPS UST:

Status:	Not reported
Comp Number:	220036
Number:	Not reported
Board Of Equalization:	Not reported
Referral Date:	Not reported
Action Date:	Not reported
Created Date:	Not reported
Owner Tank Id:	Not reported
SWRCB Tank Id:	41-000-220036-003816
Tank Status:	Not reported
Capacity:	550
Active Date:	Not reported
Tank Use:	OIL
STG:	WASTE
Content:	REGULAR UNLE
Number Of Tanks:	1

Status:	Active
Comp Number:	220036
Number:	1
Board Of Equalization:	Not reported
Referral Date:	05-13-94
Action Date:	05-13-94
Created Date:	10-13-88
Owner Tank Id:	Not reported
SWRCB Tank Id:	41-000-220036-000001

UNION OIL SERVICE STATION 3816 (Continued) **S101593815**

Tank Status: A
Capacity: 10000
Active Date: 03-29-94
Tank Use: M.V. FUEL
STG: P
Content: REG UNLEADED
Number Of Tanks: 3

Status: Active
Comp Number: 220036
Number: 1
Board Of Equalization: Not reported
Referral Date: 05-13-94
Action Date: 05-13-94
Created Date: 10-13-88
Owner Tank Id: Not reported
SWRCB Tank Id: 41-000-220036-000003
Tank Status: A
Capacity: 10000
Active Date: 03-29-94
Tank Use: PETROLEUM
STG: P
Content: REGULAR UNLE
Number Of Tanks: Not reported

Status: Active
Comp Number: 220036
Number: 1
Board Of Equalization: Not reported
Referral Date: 05-13-94
Action Date: 05-13-94
Created Date: 10-13-88
Owner Tank Id: Not reported
SWRCB Tank Id: 41-000-220036-000004
Tank Status: A
Capacity: 520
Active Date: 03-29-94
Tank Use: OIL
STG: W
Content: WASTE OIL
Number Of Tanks: Not reported

CA FID UST:
Facility ID: 41000653
Regulated By: UTNKA
Regulated ID: Not reported
Cortese Code: Not reported
SIC Code: Not reported
Facility Phone: 4159919744
Mail To: Not reported
Mailing Address: 101 S MAYFAIR AVE
Mailing Address 2: Not reported
Mailing City,St,Zip: DALY CITY 94015
Contact: Not reported
Contact Phone: Not reported
DUNs Number: Not reported
NPDES Number: Not reported

UNION OIL SERVICE STATION 3816 (Continued) **S101593815**

EPA ID: Not reported
Comments: Not reported
Status: Active

EMI:

Year:	2012
County Code:	41
Air Basin:	SF
Facility ID:	21523
Air District Name:	BA
SIC Code:	5411
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0.493
Reactive Organic Gases Tons/Yr:	0.3444098
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

Year:	2013
County Code:	41
Air Basin:	SF
Facility ID:	21523
Air District Name:	BA
SIC Code:	5411
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0.56
Reactive Organic Gases Tons/Yr:	0.391216
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

Year:	2014
County Code:	41
Air Basin:	SF
Facility ID:	21523
Air District Name:	BA
SIC Code:	5411
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0.277605305
Reactive Organic Gases Tons/Yr:	0
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

52
East
1/2-1
0.623 mi.
3288 ft.

20011 JUNIPERO SERRA BLVD.
2001 JUNIPERO SERRA BLVD.
DALY CITY, CA 92210

Notify 65 **S100178900**
N/A

Relative:
Higher

Actual:
222 ft.

NOTIFY 65:

Date Reported:	Not reported
Staff Initials:	Not reported
Board File Number:	Not reported
Facility Type:	Not reported
Discharge Date:	Not reported
Issue Date:	Not reported
Incident Description:	Not reported

53
SW
1/2-1
0.875 mi.
4620 ft.

THORNTON BEACH
DALY CITY, CA

ENVIROSTOR **S107737445**
N/A

Relative:
Higher

Actual:
302 ft.

ENVIROSTOR:

Facility ID:	80000768
Status:	No Further Action
Status Date:	02/22/2013
Site Code:	Not reported
Site Type:	Military Evaluation
Site Type Detailed:	FUDS
Acres:	14
NPL:	NO
Regulatory Agencies:	SMBRP
Lead Agency:	SMBRP
Program Manager:	Not reported
Supervisor:	Carrie Tatoian-Cain
Division Branch:	Cleanup Sacramento
Assembly:	19
Senate:	11
Special Program:	Not reported
Restricted Use:	NO
Site Mgmt Req:	NONE SPECIFIED
Funding:	DERA
Latitude:	37.69388
Longitude:	-122.4958
APN:	NONE SPECIFIED
Past Use:	NONE SPECIFIED
Potential COC:	NONE SPECIFIED
Confirmed COC:	NONE SPECIFIED
Potential Description:	NONE SPECIFIED
Alias Name:	CA99799F587500
Alias Type:	Federal Facility ID
Alias Name:	J09CA0966
Alias Type:	INPR
Alias Name:	80000768
Alias Type:	Envirostor ID Number

Completed Info:

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Records Research Report (RRR)
Completed Date:	11/29/2005

THORNTON BEACH (Continued) **S107737445**

Comments:	Not reported
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	No Department of Defense Action Indicated (NDAI)
Completed Date:	10/08/2012
Comments:	This determination is based on information in DTSC s and the Water Boards possession at this time concerning Department of Defense (DoD) activities on the sites listed above. DTSC and the Water Boards reserve the right to address any appropriate environmental or human health related issue, should additional information concerning the environmental condition of these sites become available in the future. Not reported
Future Area Name:	Not reported
Future Sub Area Name:	Not reported
Future Document Type:	Not reported
Future Due Date:	Not reported
Schedule Area Name:	Not reported
Schedule Sub Area Name:	Not reported
Schedule Document Type:	Not reported
Schedule Due Date:	Not reported
Schedule Revised Date:	Not reported

54
West
1/2-1
0.905 mi.
4779 ft.

SF NIKE BATTERY 59 **ENVIROSTOR** **S107737319**
N/A

SAN FRANCISCO, CA

Relative:
Higher

Actual:
100 ft.

ENVIROSTOR:

Facility ID:	80000677
Status:	No Further Action
Status Date:	07/16/2012
Site Code:	Not reported
Site Type:	Military Evaluation
Site Type Detailed:	FUDS
Acres:	72
NPL:	NO
Regulatory Agencies:	SMBRP
Lead Agency:	SMBRP
Program Manager:	Carrie Tatoian-Cain
Supervisor:	Dan Ward
Division Branch:	Cleanup Sacramento
Assembly:	19
Senate:	11
Special Program:	Not reported
Restricted Use:	NO
Site Mgmt Req:	NONE SPECIFIED
Funding:	DERA
Latitude:	37.7025
Longitude:	-122.4994
APN:	NONE SPECIFIED
Past Use:	NONE SPECIFIED
Potential COC:	Explosives (UXO, MEC
Confirmed COC:	NONE SPECIFIED
Potential Description:	NONE SPECIFIED
Alias Name:	Fort Funston Nike Battery SF-59-L

SF NIKE BATTERY 59 (Continued) **S107737319**

Alias Type:	Alternate Name
Alias Name:	CA99799F585600
Alias Type:	Federal Facility ID
Alias Name:	J09CA0941
Alias Type:	INPR
Alias Name:	80000677
Alias Type:	Envirostor ID Number

Completed Info:

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Records Research Report (RRR)
Completed Date:	03/19/2012
Comments:	Not reported
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Site Characterization Report
Completed Date:	03/19/2012
Comments:	Not reported
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	No Department of Defense Action Indicated (NDAI)
Completed Date:	03/19/2012
Comments:	No further action based on the information provided in NDAI. If future information indicates a release by the Department of Defense the Department will investigate the property again.
Future Area Name:	Not reported
Future Sub Area Name:	Not reported
Future Document Type:	Not reported
Future Due Date:	Not reported
Schedule Area Name:	Not reported
Schedule Sub Area Name:	Not reported
Schedule Document Type:	Not reported
Schedule Due Date:	Not reported
Schedule Revised Date:	Not reported

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55 **THORNTON BEACH MILITARY RESERVATION** **FUDS** **1007211943**
WSW **N/A**
1/2-1 **DALY CITY, CA**
0.961 mi.
5074 ft.

Relative:
Lower

Actual:
46 ft.

FUDS:

EPA Region:	09
Congressional District:	14
FUDS Number:	J09CA0966
State:	CA
Facility Name:	THORNTON BEACH MILITARY RESERVATION
Fiscal Year:	2013
City:	DALY CITY
Federal Facility ID:	CA9799F5875
Telephone:	916-557-7461
INST ID:	61293
County:	SAN MATEO
RAB:	Not reported

THORNTON BEACH MILITARY RESERVATION (Continued) **1007211943**

CORPS_DIST:	Sacramento District (SPK)
NPL Status:	Not Listed
CTC:	221
Current Owner:	State Government
Future Prog:	Not reported
Description:	The 14.5-acre site is located 6 miles southwest of San Francisco in San Mateo County, California. The entire site has been closed to public use and the area is completely fenced. Multiple holes have been cut through the fence and the site is extensively used by the public.
Current Program:	Not reported
History:	In 1942, the U.S. government acquired 14.5 acres of land for the harbor defense of San Francisco and as a maneuver area. The only documented improvement was a communication cable used for military purposes. In 1943, the lease was terminated. The land was used by the State of California in the 1950s and 1960s until the area was rendered unusable by landslides. No potential hazards related to Department of Defense activities have been located at this site.
Latitude Degree:	37
Latitude Minute:	42
Latitude Second:	54
Latitude Direction:	N
Longitude Degree:	-122
Longitude Minute:	30
Longitude Second:	53
Longitude Direction:	E

Count: 2 records. ORPHAN SUMMARY

City	EDR ID	Site Name	Site Address	Zip	Database(s)
DALY CITY	S113064094	WESTLAKE UNION 76	101_S. MAYFAIR AVENUE	94015	HAZNET
DALY CITY	1016429617	PG&E: WESTLAKE SUBSTATION	PARK PLAZA & FAIRWAY DR	94015	FINDS

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

To maintain currency of the following federal and state databases, EDR contacts the appropriate governmental agency on a monthly or quarterly basis, as required.

Number of Days to Update: Provides confirmation that EDR is reporting records that have been updated within 90 days from the date the government agency made the information available to the public.

STANDARD ENVIRONMENTAL RECORDS

Federal NPL site list

NPL: National Priority List

National Priorities List (Superfund). The NPL is a subset of CERCLIS and identifies over 1,200 sites for priority cleanup under the Superfund Program. NPL sites may encompass relatively large areas. As such, EDR provides polygon coverage for over 1,000 NPL site boundaries produced by EPA's Environmental Photographic Interpretation Center (EPIC) and regional EPA offices.

Date of Government Version: 12/05/2016
Date Data Arrived at EDR: 01/05/2017
Date Made Active in Reports: 02/03/2017
Number of Days to Update: 29

Source: EPA
Telephone: N/A
Last EDR Contact: 01/05/2017
Next Scheduled EDR Contact: 04/17/2017
Data Release Frequency: Quarterly

NPL Site Boundaries

Sources:

EPA's Environmental Photographic Interpretation Center (EPIC)
Telephone: 202-564-7333

EPA Region 1
Telephone 617-918-1143

EPA Region 6
Telephone: 214-655-6659

EPA Region 3
Telephone 215-814-5418

EPA Region 7
Telephone: 913-551-7247

EPA Region 4
Telephone 404-562-8033

EPA Region 8
Telephone: 303-312-6774

EPA Region 5
Telephone 312-886-6686

EPA Region 9
Telephone: 415-947-4246

EPA Region 10
Telephone 206-553-8665

Proposed NPL: Proposed National Priority List Sites

A site that has been proposed for listing on the National Priorities List through the issuance of a proposed rule in the Federal Register. EPA then accepts public comments on the site, responds to the comments, and places on the NPL those sites that continue to meet the requirements for listing.

Date of Government Version: 12/05/2016
Date Data Arrived at EDR: 01/05/2017
Date Made Active in Reports: 02/03/2017
Number of Days to Update: 29

Source: EPA
Telephone: N/A
Last EDR Contact: 01/05/2017
Next Scheduled EDR Contact: 04/17/2017
Data Release Frequency: Quarterly

NPL LIENS: Federal Superfund Liens

Federal Superfund Liens. Under the authority granted the USEPA by CERCLA of 1980, the USEPA has the authority to file liens against real property in order to recover remedial action expenditures or when the property owner received notification of potential liability. USEPA compiles a listing of filed notices of Superfund Liens.

Date of Government Version: 10/15/1991
Date Data Arrived at EDR: 02/02/1994
Date Made Active in Reports: 03/30/1994
Number of Days to Update: 56

Source: EPA
Telephone: 202-564-4267
Last EDR Contact: 08/15/2011
Next Scheduled EDR Contact: 11/28/2011
Data Release Frequency: No Update Planned

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Federal Delisted NPL site list

Delisted NPL: National Priority List Deletions

The National Oil and Hazardous Substances Pollution Contingency Plan (NCP) establishes the criteria that the EPA uses to delete sites from the NPL. In accordance with 40 CFR 300.425.(e), sites may be deleted from the NPL where no further response is appropriate.

Date of Government Version: 12/05/2016
Date Data Arrived at EDR: 01/05/2017
Date Made Active in Reports: 02/03/2017
Number of Days to Update: 29

Source: EPA
Telephone: N/A
Last EDR Contact: 01/05/2017
Next Scheduled EDR Contact: 04/17/2017
Data Release Frequency: Quarterly

Federal CERCLIS list

FEDERAL FACILITY: Federal Facility Site Information listing

A listing of National Priority List (NPL) and Base Realignment and Closure (BRAC) sites found in the Comprehensive Environmental Response, Compensation and Liability Information System (CERCLIS) Database where EPA Federal Facilities Restoration and Reuse Office is involved in cleanup activities.

Date of Government Version: 09/14/2016
Date Data Arrived at EDR: 10/04/2016
Date Made Active in Reports: 10/21/2016
Number of Days to Update: 17

Source: Environmental Protection Agency
Telephone: 703-603-8704
Last EDR Contact: 01/05/2017
Next Scheduled EDR Contact: 04/17/2017
Data Release Frequency: Varies

SEMS: Superfund Enterprise Management System

SEMS (Superfund Enterprise Management System) tracks hazardous waste sites, potentially hazardous waste sites, and remedial activities performed in support of EPA's Superfund Program across the United States. The list was formerly know as CERCLIS, renamed to SEMS by the EPA in 2015. The list contains data on potentially hazardous waste sites that have been reported to the USEPA by states, municipalities, private companies and private persons, pursuant to Section 103 of the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA). This dataset also contains sites which are either proposed to or on the National Priorities List (NPL) and the sites which are in the screening and assessment phase for possible inclusion on the NPL.

Date of Government Version: 10/10/2016
Date Data Arrived at EDR: 10/20/2016
Date Made Active in Reports: 01/06/2017
Number of Days to Update: 78

Source: EPA
Telephone: 800-424-9346
Last EDR Contact: 01/06/2017
Next Scheduled EDR Contact: 05/01/2017
Data Release Frequency: Quarterly

Federal CERCLIS NFRAP site list

SEMS-ARCHIVE: Superfund Enterprise Management System Archive

SEMS-ARCHIVE (Superfund Enterprise Management System Archive) tracks sites that have no further interest under the Federal Superfund Program based on available information. The list was formerly known as the CERCLIS-NFRAP, renamed to SEMS ARCHIVE by the EPA in 2015. EPA may perform a minimal level of assessment work at a site while it is archived if site conditions change and/or new information becomes available. Archived sites have been removed and archived from the inventory of SEMS sites. Archived status indicates that, to the best of EPA's knowledge, assessment at a site has been completed and that EPA has determined no further steps will be taken to list the site on the National Priorities List (NPL), unless information indicates this decision was not appropriate or other considerations require a recommendation for listing at a later time. The decision does not necessarily mean that there is no hazard associated with a given site; it only means that. based upon available information, the location is not judged to be potential NPL site.

Date of Government Version: 10/10/2016
Date Data Arrived at EDR: 10/20/2016
Date Made Active in Reports: 01/06/2017
Number of Days to Update: 78
Source: EPA
Telephone: 800-424-9346
Last EDR Contact: 01/06/2017
Next Scheduled EDR Contact: 05/01/2017
Data Release Frequency: Quarterly

Federal RCRA CORRACTS facilities list

CORRACTS: Corrective Action Report

CORRACTS identifies hazardous waste handlers with RCRA corrective action activity.

Date of Government Version: 09/12/2016
Date Data Arrived at EDR: 09/28/2016
Date Made Active in Reports: 01/06/2017
Number of Days to Update: 100
Source: EPA
Telephone: 800-424-9346
Last EDR Contact: 12/28/2016
Next Scheduled EDR Contact: 04/10/2017
Data Release Frequency: Quarterly

Federal RCRA non-CORRACTS TSD facilities list

RCRA-TSDF: RCRA - Treatment, Storage and Disposal

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Transporters are individuals or entities that move hazardous waste from the generator offsite to a facility that can recycle, treat, store, or dispose of the waste. TSDFs treat, store, or dispose of the waste.

Date of Government Version: 09/12/2016
Date Data Arrived at EDR: 09/28/2016
Date Made Active in Reports: 01/06/2017
Number of Days to Update: 100
Source: Environmental Protection Agency
Telephone: (415) 495-8895
Last EDR Contact: 12/28/2016
Next Scheduled EDR Contact: 04/10/2017
Data Release Frequency: Quarterly

Federal RCRA generators list

RCRA-LQG: RCRA - Large Quantity Generators

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Large quantity generators (LQGs) generate over 1,000 kilograms (kg) of hazardous waste, or over 1 kg of acutely hazardous waste per month.

Date of Government Version: 09/12/2016
Date Data Arrived at EDR: 09/28/2016
Date Made Active in Reports: 01/06/2017
Number of Days to Update: 100
Source: Environmental Protection Agency
Telephone: (415) 495-8895
Last EDR Contact: 12/28/2016
Next Scheduled EDR Contact: 04/10/2017
Data Release Frequency: Quarterly

RCRA-SQG: RCRA - Small Quantity Generators

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Small quantity generators (SQGs) generate between 100 kg and 1,000 kg of hazardous waste per month.

Date of Government Version: 09/12/2016
Date Data Arrived at EDR: 09/28/2016
Date Made Active in Reports: 01/06/2017
Number of Days to Update: 100

Source: Environmental Protection Agency
Telephone: (415) 495-8895
Last EDR Contact: 12/28/2016
Next Scheduled EDR Contact: 04/10/2017
Data Release Frequency: Quarterly

RCRA-CESQG: RCRA - Conditionally Exempt Small Quantity Generators

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Conditionally exempt small quantity generators (CESQGs) generate less than 100 kg of hazardous waste, or less than 1 kg of acutely hazardous waste per month.

Date of Government Version: 09/12/2016
Date Data Arrived at EDR: 09/28/2016
Date Made Active in Reports: 01/06/2017
Number of Days to Update: 100

Source: Environmental Protection Agency
Telephone: (415) 495-8895
Last EDR Contact: 12/28/2016
Next Scheduled EDR Contact: 04/10/2017
Data Release Frequency: Varies

Federal institutional controls / engineering controls registries

LUCIS: Land Use Control Information System

LUCIS contains records of land use control information pertaining to the former Navy Base Realignment and Closure properties.

Date of Government Version: 05/28/2015
Date Data Arrived at EDR: 05/29/2015
Date Made Active in Reports: 06/11/2015
Number of Days to Update: 13

Source: Department of the Navy
Telephone: 843-820-7326
Last EDR Contact: 11/18/2016
Next Scheduled EDR Contact: 02/27/2017
Data Release Frequency: Varies

US ENG CONTROLS: Engineering Controls Sites List

A listing of sites with engineering controls in place. Engineering controls include various forms of caps, building foundations, liners, and treatment methods to create pathway elimination for regulated substances to enter environmental media or effect human health.

Date of Government Version: 11/15/2016
Date Data Arrived at EDR: 11/29/2016
Date Made Active in Reports: 02/03/2017
Number of Days to Update: 66

Source: Environmental Protection Agency
Telephone: 703-603-0695
Last EDR Contact: 11/29/2016
Next Scheduled EDR Contact: 03/13/2017
Data Release Frequency: Varies

US INST CONTROL: Sites with Institutional Controls

A listing of sites with institutional controls in place. Institutional controls include administrative measures, such as groundwater use restrictions, construction restrictions, property use restrictions, and post remediation care requirements intended to prevent exposure to contaminants remaining on site. Deed restrictions are generally required as part of the institutional controls.

Date of Government Version: 11/15/2016
Date Data Arrived at EDR: 11/29/2016
Date Made Active in Reports: 02/03/2017
Number of Days to Update: 66

Source: Environmental Protection Agency
Telephone: 703-603-0695
Last EDR Contact: 11/29/2016
Next Scheduled EDR Contact: 03/13/2017
Data Release Frequency: Varies

Federal ERNS list

ERNS: Emergency Response Notification System

Emergency Response Notification System. ERNS records and stores information on reported releases of oil and hazardous substances.

Date of Government Version: 09/26/2016
Date Data Arrived at EDR: 09/29/2016
Date Made Active in Reports: 11/11/2016
Number of Days to Update: 43

Source: National Response Center, United States Coast Guard
Telephone: 202-267-2180
Last EDR Contact: 12/28/2016
Next Scheduled EDR Contact: 04/10/2017
Data Release Frequency: Annually

State- and tribal - equivalent NPL

RESPONSE: State Response Sites

Identifies confirmed release sites where DTSC is involved in remediation, either in a lead or oversight capacity. These confirmed release sites are generally high-priority and high potential risk.

Date of Government Version: 10/31/2016
Date Data Arrived at EDR: 11/01/2016
Date Made Active in Reports: 01/18/2017
Number of Days to Update: 78

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 01/31/2017
Next Scheduled EDR Contact: 05/08/2017
Data Release Frequency: Quarterly

State- and tribal - equivalent CERCLIS

ENVIROSTOR: EnviroStor Database

The Department of Toxic Substances Control's (DTSC's) Site Mitigation and Brownfields Reuse Program's (SMBRP's) EnviroStor database identifes sites that have known contamination or sites for which there may be reasons to investigate further. The database includes the following site types: Federal Superfund sites (National Priorities List (NPL)); State Response, including Military Facilities and State Superfund; Voluntary Cleanup; and School sites. EnviroStor provides similar information to the information that was available in CalSites, and provides additional site information, including, but not limited to, identification of formerly-contaminated properties that have been released for reuse, properties where environmental deed restrictions have been recorded to prevent inappropriate land uses, and risk characterization information that is used to assess potential impacts to public health and the environment at contaminated sites.

Date of Government Version: 10/31/2016
Date Data Arrived at EDR: 11/01/2016
Date Made Active in Reports: 01/18/2017
Number of Days to Update: 78

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 01/31/2017
Next Scheduled EDR Contact: 05/08/2017
Data Release Frequency: Quarterly

State and tribal landfill and/or solid waste disposal site lists

SWF/LF (SWIS): Solid Waste Information System

Active, Closed and Inactive Landfills. SWF/LF records typically contain an inve ntory of solid waste disposal facilities or landfills. These may be active or i nactive facilities or open dumps that failed to meet RCRA Section 4004 criteria for solid waste landfills or disposal sites.

Date of Government Version: 11/14/2016
Date Data Arrived at EDR: 11/15/2016
Date Made Active in Reports: 01/20/2017
Number of Days to Update: 66

Source: Department of Resources Recycling and Recovery
Telephone: 916-341-6320
Last EDR Contact: 11/15/2016
Next Scheduled EDR Contact: 02/27/2017
Data Release Frequency: Quarterly

State and tribal leaking storage tank lists

LUST: Geotracker's Leaking Underground Fuel Tank Report

Leaking Underground Storage Tank (LUST) Sites included in GeoTracker. GeoTracker is the Water Boards data management system for sites that impact, or have the potential to impact, water quality in California, with emphasis on groundwater.

Date of Government Version: 12/12/2016
Date Data Arrived at EDR: 12/14/2016
Date Made Active in Reports: 01/20/2017
Number of Days to Update: 37

Source: State Water Resources Control Board
Telephone: see region list
Last EDR Contact: 12/14/2016
Next Scheduled EDR Contact: 03/27/2017
Data Release Frequency: Quarterly

LUST REG 3: Leaking Underground Storage Tank Database

Leaking Underground Storage Tank locations. Monterey, San Benito, San Luis Obispo, Santa Barbara, Santa Cruz counties.

Date of Government Version: 05/19/2003
Date Data Arrived at EDR: 05/19/2003
Date Made Active in Reports: 06/02/2003
Number of Days to Update: 14

Source: California Regional Water Quality Control Board Central Coast Region (3)
Telephone: 805-542-4786
Last EDR Contact: 07/18/2011
Next Scheduled EDR Contact: 10/31/2011
Data Release Frequency: No Update Planned

LUST REG 2: Fuel Leak List

Leaking Underground Storage Tank locations. Alameda, Contra Costa, Marin, Napa, San Francisco, San Mateo, Santa Clara, Solano, Sonoma counties.

Date of Government Version: 09/30/2004
Date Data Arrived at EDR: 10/20/2004
Date Made Active in Reports: 11/19/2004
Number of Days to Update: 30

Source: California Regional Water Quality Control Board San Francisco Bay Region (2)
Telephone: 510-622-2433
Last EDR Contact: 09/19/2011
Next Scheduled EDR Contact: 01/02/2012
Data Release Frequency: Quarterly

LUST REG 1: Active Toxic Site Investigation

Del Norte, Humboldt, Lake, Mendocino, Modoc, Siskiyou, Sonoma, Trinity counties. For more current information, please refer to the State Water Resources Control Board's LUST database.

Date of Government Version: 02/01/2001
Date Data Arrived at EDR: 02/28/2001
Date Made Active in Reports: 03/29/2001
Number of Days to Update: 29

Source: California Regional Water Quality Control Board North Coast (1)
Telephone: 707-570-3769
Last EDR Contact: 08/01/2011
Next Scheduled EDR Contact: 11/14/2011
Data Release Frequency: No Update Planned

LUST REG 5: Leaking Underground Storage Tank Database

Leaking Underground Storage Tank locations. Alameda, Alpine, Amador, Butte, Colusa, Contra Costa, Calveras, El Dorado, Fresno, Glenn, Kern, Kings, Lake, Lassen, Madera, Mariposa, Merced, Modoc, Napa, Nevada, Placer, Plumas, Sacramento, San Joaquin, Shasta, Solano, Stanislaus, Sutter, Tehama, Tulare, Tuolumne, Yolo, Yuba counties.

Date of Government Version: 07/01/2008
Date Data Arrived at EDR: 07/22/2008
Date Made Active in Reports: 07/31/2008
Number of Days to Update: 9

Source: California Regional Water Quality Control Board Central Valley Region (5)
Telephone: 916-464-4834
Last EDR Contact: 07/01/2011
Next Scheduled EDR Contact: 10/17/2011
Data Release Frequency: No Update Planned

LUST REG 6L: Leaking Underground Storage Tank Case Listing

For more current information, please refer to the State Water Resources Control Board's LUST database.

Date of Government Version: 09/09/2003
Date Data Arrived at EDR: 09/10/2003
Date Made Active in Reports: 10/07/2003
Number of Days to Update: 27

Source: California Regional Water Quality Control Board Lahontan Region (6)
Telephone: 530-542-5572
Last EDR Contact: 09/12/2011
Next Scheduled EDR Contact: 12/26/2011
Data Release Frequency: No Update Planned

LUST REG 6V: Leaking Underground Storage Tank Case Listing
Leaking Underground Storage Tank locations. Inyo, Kern, Los Angeles, Mono, San Bernardino counties.

Date of Government Version: 06/07/2005
Date Data Arrived at EDR: 06/07/2005
Date Made Active in Reports: 06/29/2005
Number of Days to Update: 22

Source: California Regional Water Quality Control Board Victorville Branch Office (6)
Telephone: 760-241-7365
Last EDR Contact: 09/12/2011
Next Scheduled EDR Contact: 12/26/2011
Data Release Frequency: No Update Planned

LUST REG 7: Leaking Underground Storage Tank Case Listing
Leaking Underground Storage Tank locations. Imperial, Riverside, San Diego, Santa Barbara counties.

Date of Government Version: 02/26/2004
Date Data Arrived at EDR: 02/26/2004
Date Made Active in Reports: 03/24/2004
Number of Days to Update: 27

Source: California Regional Water Quality Control Board Colorado River Basin Region (7)
Telephone: 760-776-8943
Last EDR Contact: 08/01/2011
Next Scheduled EDR Contact: 11/14/2011
Data Release Frequency: No Update Planned

LUST REG 4: Underground Storage Tank Leak List
Los Angeles, Ventura counties. For more current information, please refer to the State Water Resources Control Board's LUST database.

Date of Government Version: 09/07/2004
Date Data Arrived at EDR: 09/07/2004
Date Made Active in Reports: 10/12/2004
Number of Days to Update: 35

Source: California Regional Water Quality Control Board Los Angeles Region (4)
Telephone: 213-576-6710
Last EDR Contact: 09/06/2011
Next Scheduled EDR Contact: 12/19/2011
Data Release Frequency: No Update Planned

LUST REG 9: Leaking Underground Storage Tank Report
Orange, Riverside, San Diego counties. For more current information, please refer to the State Water Resources Control Board's LUST database.

Date of Government Version: 03/01/2001
Date Data Arrived at EDR: 04/23/2001
Date Made Active in Reports: 05/21/2001
Number of Days to Update: 28

Source: California Regional Water Quality Control Board San Diego Region (9)
Telephone: 858-637-5595
Last EDR Contact: 09/26/2011
Next Scheduled EDR Contact: 01/09/2012
Data Release Frequency: No Update Planned

LUST REG 8: Leaking Underground Storage Tanks
California Regional Water Quality Control Board Santa Ana Region (8). For more current information, please refer to the State Water Resources Control Board's LUST database.

Date of Government Version: 02/14/2005
Date Data Arrived at EDR: 02/15/2005
Date Made Active in Reports: 03/28/2005
Number of Days to Update: 41

Source: California Regional Water Quality Control Board Santa Ana Region (8)
Telephone: 909-782-4496
Last EDR Contact: 08/15/2011
Next Scheduled EDR Contact: 11/28/2011
Data Release Frequency: Varies

INDIAN LUST R10: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Alaska, Idaho, Oregon and Washington.

Date of Government Version: 01/07/2016
Date Data Arrived at EDR: 01/08/2016
Date Made Active in Reports: 02/18/2016
Number of Days to Update: 41

Source: EPA Region 10
Telephone: 206-553-2857
Last EDR Contact: 01/26/2017
Next Scheduled EDR Contact: 05/08/2017
Data Release Frequency: Quarterly

INDIAN LUST R9: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Arizona, California, New Mexico and Nevada

Date of Government Version: 02/25/2016
Date Data Arrived at EDR: 04/27/2016
Date Made Active in Reports: 06/03/2016
Number of Days to Update: 37

Source: Environmental Protection Agency
Telephone: 415-972-3372
Last EDR Contact: 01/26/2017
Next Scheduled EDR Contact: 05/08/2017
Data Release Frequency: Quarterly

INDIAN LUST R8: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Colorado, Montana, North Dakota, South Dakota, Utah and Wyoming.

Date of Government Version: 10/13/2015
Date Data Arrived at EDR: 10/23/2015
Date Made Active in Reports: 02/18/2016
Number of Days to Update: 118

Source: EPA Region 8
Telephone: 303-312-6271
Last EDR Contact: 01/26/2017
Next Scheduled EDR Contact: 05/08/2017
Data Release Frequency: Quarterly

INDIAN LUST R7: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Iowa, Kansas, and Nebraska

Date of Government Version: 10/09/2015
Date Data Arrived at EDR: 02/12/2016
Date Made Active in Reports: 06/03/2016
Number of Days to Update: 112

Source: EPA Region 7
Telephone: 913-551-7003
Last EDR Contact: 01/26/2017
Next Scheduled EDR Contact: 05/08/2017
Data Release Frequency: Varies

INDIAN LUST R6: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in New Mexico and Oklahoma.

Date of Government Version: 12/11/2015
Date Data Arrived at EDR: 02/19/2016
Date Made Active in Reports: 06/03/2016
Number of Days to Update: 105

Source: EPA Region 6
Telephone: 214-665-6597
Last EDR Contact: 01/26/2017
Next Scheduled EDR Contact: 05/08/2017
Data Release Frequency: Varies

INDIAN LUST R4: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Florida, Mississippi and North Carolina.

Date of Government Version: 02/05/2016
Date Data Arrived at EDR: 04/29/2016
Date Made Active in Reports: 06/03/2016
Number of Days to Update: 35

Source: EPA Region 4
Telephone: 404-562-8677
Last EDR Contact: 01/24/2017
Next Scheduled EDR Contact: 05/08/2017
Data Release Frequency: Semi-Annually

INDIAN LUST R1: Leaking Underground Storage Tanks on Indian Land
A listing of leaking underground storage tank locations on Indian Land.

Date of Government Version: 10/27/2015
Date Data Arrived at EDR: 10/29/2015
Date Made Active in Reports: 01/04/2016
Number of Days to Update: 67

Source: EPA Region 1
Telephone: 617-918-1313
Last EDR Contact: 01/26/2017
Next Scheduled EDR Contact: 05/08/2017
Data Release Frequency: Varies

INDIAN LUST R5: Leaking Underground Storage Tanks on Indian Land
Leaking underground storage tanks located on Indian Land in Michigan, Minnesota and Wisconsin.

Date of Government Version: 02/17/2016
Date Data Arrived at EDR: 04/27/2016
Date Made Active in Reports: 06/03/2016
Number of Days to Update: 37

Source: EPA, Region 5
Telephone: 312-886-7439
Last EDR Contact: 01/26/2017
Next Scheduled EDR Contact: 05/08/2017
Data Release Frequency: Varies

SLIC: Statewide SLIC Cases

Cleanup Program Sites (CPS; also known as Site Cleanups [SC] and formerly known as Spills, Leaks, Investigations, and Cleanups [SLIC] sites) included in GeoTracker. GeoTracker is the Water Boards data management system for sites that impact, or have the potential to impact, water quality in California, with emphasis on groundwater.

Date of Government Version: 12/12/2016
Date Data Arrived at EDR: 12/14/2016
Date Made Active in Reports: 01/23/2017
Number of Days to Update: 40

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 12/14/2016
Next Scheduled EDR Contact: 03/27/2017
Data Release Frequency: Varies

SLIC REG 1: Active Toxic Site Investigations

The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 04/03/2003
Date Data Arrived at EDR: 04/07/2003
Date Made Active in Reports: 04/25/2003
Number of Days to Update: 18

Source: California Regional Water Quality Control Board, North Coast Region (1)
Telephone: 707-576-2220
Last EDR Contact: 08/01/2011
Next Scheduled EDR Contact: 11/14/2011
Data Release Frequency: No Update Planned

SLIC REG 2: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing

The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 09/30/2004
Date Data Arrived at EDR: 10/20/2004
Date Made Active in Reports: 11/19/2004
Number of Days to Update: 30

Source: Regional Water Quality Control Board San Francisco Bay Region (2)
Telephone: 510-286-0457
Last EDR Contact: 09/19/2011
Next Scheduled EDR Contact: 01/02/2012
Data Release Frequency: Quarterly

SLIC REG 3: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing

The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 05/18/2006
Date Data Arrived at EDR: 05/18/2006
Date Made Active in Reports: 06/15/2006
Number of Days to Update: 28

Source: California Regional Water Quality Control Board Central Coast Region (3)
Telephone: 805-549-3147
Last EDR Contact: 07/18/2011
Next Scheduled EDR Contact: 10/31/2011
Data Release Frequency: Semi-Annually

SLIC REG 4: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing

The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 11/17/2004
Date Data Arrived at EDR: 11/18/2004
Date Made Active in Reports: 01/04/2005
Number of Days to Update: 47

Source: Region Water Quality Control Board Los Angeles Region (4)
Telephone: 213-576-6600
Last EDR Contact: 07/01/2011
Next Scheduled EDR Contact: 10/17/2011
Data Release Frequency: Varies

SLIC REG 5: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing

The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 04/01/2005
Date Data Arrived at EDR: 04/05/2005
Date Made Active in Reports: 04/21/2005
Number of Days to Update: 16

Source: Regional Water Quality Control Board Central Valley Region (5)
Telephone: 916-464-3291
Last EDR Contact: 09/12/2011
Next Scheduled EDR Contact: 12/26/2011
Data Release Frequency: Semi-Annually

SLIC REG 6V: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing
The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 05/24/2005
Date Data Arrived at EDR: 05/25/2005
Date Made Active in Reports: 06/16/2005
Number of Days to Update: 22

Source: Regional Water Quality Control Board, Victorville Branch
Telephone: 619-241-6583
Last EDR Contact: 08/15/2011
Next Scheduled EDR Contact: 11/28/2011
Data Release Frequency: Semi-Annually

SLIC REG 6L: SLIC Sites
The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 09/07/2004
Date Data Arrived at EDR: 09/07/2004
Date Made Active in Reports: 10/12/2004
Number of Days to Update: 35

Source: California Regional Water Quality Control Board, Lahontan Region
Telephone: 530-542-5574
Last EDR Contact: 08/15/2011
Next Scheduled EDR Contact: 11/28/2011
Data Release Frequency: No Update Planned

SLIC REG 7: SLIC List
The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 11/24/2004
Date Data Arrived at EDR: 11/29/2004
Date Made Active in Reports: 01/04/2005
Number of Days to Update: 36

Source: California Regional Quality Control Board, Colorado River Basin Region
Telephone: 760-346-7491
Last EDR Contact: 08/01/2011
Next Scheduled EDR Contact: 11/14/2011
Data Release Frequency: No Update Planned

SLIC REG 8: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing
The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 04/03/2008
Date Data Arrived at EDR: 04/03/2008
Date Made Active in Reports: 04/14/2008
Number of Days to Update: 11

Source: California Region Water Quality Control Board Santa Ana Region (8)
Telephone: 951-782-3298
Last EDR Contact: 09/12/2011
Next Scheduled EDR Contact: 12/26/2011
Data Release Frequency: Semi-Annually

SLIC REG 9: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing
The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 09/10/2007
Date Data Arrived at EDR: 09/11/2007
Date Made Active in Reports: 09/28/2007
Number of Days to Update: 17

Source: California Regional Water Quality Control Board San Diego Region (9)
Telephone: 858-467-2980
Last EDR Contact: 08/08/2011
Next Scheduled EDR Contact: 11/21/2011
Data Release Frequency: Annually

State and tribal registered storage tank lists

FEMA UST: Underground Storage Tank Listing
A listing of all FEMA owned underground storage tanks.

Date of Government Version: 01/01/2010
Date Data Arrived at EDR: 02/16/2010
Date Made Active in Reports: 04/12/2010
Number of Days to Update: 55

Source: FEMA
Telephone: 202-646-5797
Last EDR Contact: 01/23/2017
Next Scheduled EDR Contact: 04/24/2017
Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

UST: Active UST Facilities
Active UST facilities gathered from the local regulatory agencies

Date of Government Version: 09/12/2016
Date Data Arrived at EDR: 09/14/2016
Date Made Active in Reports: 10/14/2016
Number of Days to Update: 30

Source: SWRCB
Telephone: 916-341-5851
Last EDR Contact: 12/15/2016
Next Scheduled EDR Contact: 03/27/2017
Data Release Frequency: Semi-Annually

AST: Aboveground Petroleum Storage Tank Facilities
A listing of aboveground storage tank petroleum storage tank locations.

Date of Government Version: 07/06/2016
Date Data Arrived at EDR: 07/12/2016
Date Made Active in Reports: 09/19/2016
Number of Days to Update: 69

Source: California Environmental Protection Agency
Telephone: 916-327-5092
Last EDR Contact: 12/22/2016
Next Scheduled EDR Contact: 04/10/2017
Data Release Frequency: Quarterly

INDIAN UST R8: Underground Storage Tanks on Indian Land
The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 8 (Colorado, Montana, North Dakota, South Dakota, Utah, Wyoming and 27 Tribal Nations).

Date of Government Version: 01/26/2016
Date Data Arrived at EDR: 02/05/2016
Date Made Active in Reports: 06/03/2016
Number of Days to Update: 119

Source: EPA Region 8
Telephone: 303-312-6137
Last EDR Contact: 01/26/2017
Next Scheduled EDR Contact: 05/08/2017
Data Release Frequency: Quarterly

INDIAN UST R7: Underground Storage Tanks on Indian Land
The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 7 (Iowa, Kansas, Missouri, Nebraska, and 9 Tribal Nations).

Date of Government Version: 09/23/2014
Date Data Arrived at EDR: 11/25/2014
Date Made Active in Reports: 01/29/2015
Number of Days to Update: 65

Source: EPA Region 7
Telephone: 913-551-7003
Last EDR Contact: 01/26/2017
Next Scheduled EDR Contact: 05/08/2017
Data Release Frequency: Varies

INDIAN UST R6: Underground Storage Tanks on Indian Land
The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 6 (Louisiana, Arkansas, Oklahoma, New Mexico, Texas and 65 Tribes).

Date of Government Version: 12/03/2015
Date Data Arrived at EDR: 02/04/2016
Date Made Active in Reports: 06/03/2016
Number of Days to Update: 120

Source: EPA Region 6
Telephone: 214-665-7591
Last EDR Contact: 01/26/2017
Next Scheduled EDR Contact: 05/08/2017
Data Release Frequency: Semi-Annually

INDIAN UST R1: Underground Storage Tanks on Indian Land
The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 1 (Connecticut, Maine, Massachusetts, New Hampshire, Rhode Island, Vermont and ten Tribal Nations).

Date of Government Version: 10/20/2015
Date Data Arrived at EDR: 10/29/2015
Date Made Active in Reports: 01/04/2016
Number of Days to Update: 67

Source: EPA, Region 1
Telephone: 617-918-1313
Last EDR Contact: 01/26/2017
Next Scheduled EDR Contact: 05/08/2017
Data Release Frequency: Varies

INDIAN UST R4: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 4 (Alabama, Florida, Georgia, Kentucky, Mississippi, North Carolina, South Carolina, Tennessee and Tribal Nations)

Date of Government Version: 02/05/2016
Date Data Arrived at EDR: 04/29/2016
Date Made Active in Reports: 06/03/2016
Number of Days to Update: 35

Source: EPA Region 4
Telephone: 404-562-9424
Last EDR Contact: 01/24/2017
Next Scheduled EDR Contact: 05/08/2017
Data Release Frequency: Semi-Annually

INDIAN UST R5: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 5 (Michigan, Minnesota and Wisconsin and Tribal Nations).

Date of Government Version: 11/05/2015
Date Data Arrived at EDR: 11/13/2015
Date Made Active in Reports: 01/04/2016
Number of Days to Update: 52

Source: EPA Region 5
Telephone: 312-886-6136
Last EDR Contact: 01/26/2017
Next Scheduled EDR Contact: 05/08/2017
Data Release Frequency: Varies

INDIAN UST R10: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 10 (Alaska, Idaho, Oregon, Washington, and Tribal Nations).

Date of Government Version: 01/07/2016
Date Data Arrived at EDR: 01/08/2016
Date Made Active in Reports: 02/18/2016
Number of Days to Update: 41

Source: EPA Region 10
Telephone: 206-553-2857
Last EDR Contact: 01/26/2017
Next Scheduled EDR Contact: 05/08/2017
Data Release Frequency: Quarterly

INDIAN UST R9: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 9 (Arizona, California, Hawaii, Nevada, the Pacific Islands, and Tribal Nations).

Date of Government Version: 02/25/2016
Date Data Arrived at EDR: 04/27/2016
Date Made Active in Reports: 06/03/2016
Number of Days to Update: 37

Source: EPA Region 9
Telephone: 415-972-3368
Last EDR Contact: 01/26/2017
Next Scheduled EDR Contact: 05/08/2017
Data Release Frequency: Quarterly

State and tribal voluntary cleanup sites

INDIAN VCP R1: Voluntary Cleanup Priority Listing

A listing of voluntary cleanup priority sites located on Indian Land located in Region 1.

Date of Government Version: 07/27/2015
Date Data Arrived at EDR: 09/29/2015
Date Made Active in Reports: 02/18/2016
Number of Days to Update: 142

Source: EPA, Region 1
Telephone: 617-918-1102
Last EDR Contact: 12/27/2016
Next Scheduled EDR Contact: 04/10/2017
Data Release Frequency: Varies

VCP: Voluntary Cleanup Program Properties

Contains low threat level properties with either confirmed or unconfirmed releases and the project proponents have request that DTSC oversee investigation and/or cleanup activities and have agreed to provide coverage for DTSC's costs.

Date of Government Version: 10/31/2016
Date Data Arrived at EDR: 11/01/2016
Date Made Active in Reports: 01/18/2017
Number of Days to Update: 78

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 01/31/2017
Next Scheduled EDR Contact: 05/08/2017
Data Release Frequency: Quarterly

INDIAN VCP R7: Voluntary Cleanup Priority Lisitng
A listing of voluntary cleanup priority sites located on Indian Land located in Region 7.

Date of Government Version: 03/20/2008
Date Data Arrived at EDR: 04/22/2008
Date Made Active in Reports: 05/19/2008
Number of Days to Update: 27

Source: EPA, Region 7
Telephone: 913-551-7365
Last EDR Contact: 04/20/2009
Next Scheduled EDR Contact: 07/20/2009
Data Release Frequency: Varies

State and tribal Brownfields sites

BROWNFIELDS: Considered Brownfieds Sites Listing
A listing of sites the SWRCB considers to be Brownfields since these are sites have come to them through the MOA Process.

Date of Government Version: 02/29/2016
Date Data Arrived at EDR: 03/07/2016
Date Made Active in Reports: 05/04/2016
Number of Days to Update: 58

Source: State Water Resources Control Board
Telephone: 916-323-7905
Last EDR Contact: 01/04/2017
Next Scheduled EDR Contact: 04/10/2017
Data Release Frequency: Varies

ADDITIONAL ENVIRONMENTAL RECORDS

Local Brownfield lists

US BROWNFIELDS: A Listing of Brownfields Sites
Brownfields are real property, the expansion, redevelopment, or reuse of which may be complicated by the presence or potential presence of a hazardous substance, pollutant, or contaminant. Cleaning up and reinvesting in these properties takes development pressures off of undeveloped, open land, and both improves and protects the environment. Assessment, Cleanup and Redevelopment Exchange System (ACRES) stores information reported by EPA Brownfields grant recipients on brownfields properties assessed or cleaned up with grant funding as well as information on Targeted Brownfields Assessments performed by EPA Regions. A listing of ACRES Brownfield sites is obtained from Cleanups in My Community. Cleanups in My Community provides information on Brownfields properties for which information is reported back to EPA, as well as areas served by Brownfields grant programs.

Date of Government Version: 09/20/2016
Date Data Arrived at EDR: 09/21/2016
Date Made Active in Reports: 11/11/2016
Number of Days to Update: 51

Source: Environmental Protection Agency
Telephone: 202-566-2777
Last EDR Contact: 12/20/2016
Next Scheduled EDR Contact: 04/03/2017
Data Release Frequency: Semi-Annually

Local Lists of Landfill / Solid Waste Disposal Sites

WMUDS/SWAT: Waste Management Unit Database
Waste Management Unit Database System. WMUDS is used by the State Water Resources Control Board staff and the Regional Water Quality Control Boards for program tracking and inventory of waste management units. WMUDS is composed of the following databases: Facility Information, Scheduled Inspections Information, Waste Management Unit Information, SWAT Program Information, SWAT Report Summary Information, SWAT Report Summary Data, Chapter 15 (formerly Subchapter 15) Information, Chapter 15 Monitoring Parameters, TPCA Program Information, RCRA Program Information, Closure Information, and Interested Parties Information.

Date of Government Version: 04/01/2000
Date Data Arrived at EDR: 04/10/2000
Date Made Active in Reports: 05/10/2000
Number of Days to Update: 30

Source: State Water Resources Control Board
Telephone: 916-227-4448
Last EDR Contact: 02/03/2017
Next Scheduled EDR Contact: 05/22/2017
Data Release Frequency: No Update Planned

SWRCY: Recycler Database
A listing of recycling facilities in California.

Date of Government Version: 09/12/2016
Date Data Arrived at EDR: 09/14/2016
Date Made Active in Reports: 10/14/2016
Number of Days to Update: 30

Source: Department of Conservation
Telephone: 916-323-3836
Last EDR Contact: 12/14/2016
Next Scheduled EDR Contact: 03/27/2017
Data Release Frequency: Quarterly

HAULERS: Registered Waste Tire Haulers Listing
A listing of registered waste tire haulers.

Date of Government Version: 08/25/2016
Date Data Arrived at EDR: 08/26/2016
Date Made Active in Reports: 10/14/2016
Number of Days to Update: 49

Source: Integrated Waste Management Board
Telephone: 916-341-6422
Last EDR Contact: 11/11/2016
Next Scheduled EDR Contact: 02/27/2017
Data Release Frequency: Varies

INDIAN ODI: Report on the Status of Open Dumps on Indian Lands
Location of open dumps on Indian land.

Date of Government Version: 12/31/1998
Date Data Arrived at EDR: 12/03/2007
Date Made Active in Reports: 01/24/2008
Number of Days to Update: 52

Source: Environmental Protection Agency
Telephone: 703-308-8245
Last EDR Contact: 10/31/2016
Next Scheduled EDR Contact: 02/13/2017
Data Release Frequency: Varies

ODI: Open Dump Inventory
An open dump is defined as a disposal facility that does not comply with one or more of the Part 257 or Part 258 Subtitle D Criteria.

Date of Government Version: 06/30/1985
Date Data Arrived at EDR: 08/09/2004
Date Made Active in Reports: 09/17/2004
Number of Days to Update: 39

Source: Environmental Protection Agency
Telephone: 800-424-9346
Last EDR Contact: 06/09/2004
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

DEBRIS REGION 9: Torres Martinez Reservation Illegal Dump Site Locations
A listing of illegal dump sites location on the Torres Martinez Indian Reservation located in eastern Riverside County and northern Imperial County, California.

Date of Government Version: 01/12/2009
Date Data Arrived at EDR: 05/07/2009
Date Made Active in Reports: 09/21/2009
Number of Days to Update: 137

Source: EPA, Region 9
Telephone: 415-947-4219
Last EDR Contact: 01/23/2017
Next Scheduled EDR Contact: 05/08/2017
Data Release Frequency: No Update Planned

IHS OPEN DUMPS: Open Dumps on Indian Land
A listing of all open dumps located on Indian Land in the United States.

Date of Government Version: 04/01/2014
Date Data Arrived at EDR: 08/06/2014
Date Made Active in Reports: 01/29/2015
Number of Days to Update: 176

Source: Department of Health & Human Serivces, Indian Health Service
Telephone: 301-443-1452
Last EDR Contact: 01/30/2017
Next Scheduled EDR Contact: 05/08/2017
Data Release Frequency: Varies

Local Lists of Hazardous waste / Contaminated Sites

US HIST CDL: National Clandestine Laboratory Register
A listing of clandestine drug lab locations that have been removed from the DEAs National Clandestine Laboratory Register.

Date of Government Version: 08/31/2016
Date Data Arrived at EDR: 09/06/2016
Date Made Active in Reports: 09/23/2016
Number of Days to Update: 17

Source: Drug Enforcement Administration
Telephone: 202-307-1000
Last EDR Contact: 11/29/2016
Next Scheduled EDR Contact: 03/13/2017
Data Release Frequency: No Update Planned

HIST CAL-SITES: Calsites Database

The Calsites database contains potential or confirmed hazardous substance release properties. In 1996, California EPA reevaluated and significantly reduced the number of sites in the Calsites database. No longer updated by the state agency. It has been replaced by ENVIROSTOR.

Date of Government Version: 08/08/2005
Date Data Arrived at EDR: 08/03/2006
Date Made Active in Reports: 08/24/2006
Number of Days to Update: 21

Source: Department of Toxic Substance Control
Telephone: 916-323-3400
Last EDR Contact: 02/23/2009
Next Scheduled EDR Contact: 05/25/2009
Data Release Frequency: No Update Planned

SCH: School Property Evaluation Program

This category contains proposed and existing school sites that are being evaluated by DTSC for possible hazardous materials contamination. In some cases, these properties may be listed in the CalSites category depending on the level of threat to public health and safety or the environment they pose.

Date of Government Version: 10/31/2016
Date Data Arrived at EDR: 11/01/2016
Date Made Active in Reports: 01/18/2017
Number of Days to Update: 78

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 01/31/2017
Next Scheduled EDR Contact: 05/08/2017
Data Release Frequency: Quarterly

CDL: Clandestine Drug Labs

A listing of drug lab locations. Listing of a location in this database does not indicate that any illegal drug lab materials were or were not present there, and does not constitute a determination that the location either requires or does not require additional cleanup work.

Date of Government Version: 08/31/2016
Date Data Arrived at EDR: 11/18/2016
Date Made Active in Reports: 12/22/2016
Number of Days to Update: 34

Source: Department of Toxic Substances Control
Telephone: 916-255-6504
Last EDR Contact: 01/09/2017
Next Scheduled EDR Contact: 04/24/2017
Data Release Frequency: Varies

TOXIC PITS: Toxic Pits Cleanup Act Sites

Toxic PITS Cleanup Act Sites. TOXIC PITS identifies sites suspected of containing hazardous substances where cleanup has not yet been completed.

Date of Government Version: 07/01/1995
Date Data Arrived at EDR: 08/30/1995
Date Made Active in Reports: 09/26/1995
Number of Days to Update: 27

Source: State Water Resources Control Board
Telephone: 916-227-4364
Last EDR Contact: 01/26/2009
Next Scheduled EDR Contact: 04/27/2009
Data Release Frequency: No Update Planned

US CDL: Clandestine Drug Labs

A listing of clandestine drug lab locations. The U.S. Department of Justice ("the Department") provides this web site as a public service. It contains addresses of some locations where law enforcement agencies reported they found chemicals or other items that indicated the presence of either clandestine drug laboratories or dumpsites. In most cases, the source of the entries is not the Department, and the Department has not verified the entry and does not guarantee its accuracy. Members of the public must verify the accuracy of all entries by, for example, contacting local law enforcement and local health departments.

Date of Government Version: 08/30/2016
Date Data Arrived at EDR: 09/06/2016
Date Made Active in Reports: 09/23/2016
Number of Days to Update: 17

Source: Drug Enforcement Administration
Telephone: 202-307-1000
Last EDR Contact: 11/29/2016
Next Scheduled EDR Contact: 03/13/2017
Data Release Frequency: Quarterly

Local Lists of Registered Storage Tanks

SWEEPS UST: SWEEPS UST Listing

Statewide Environmental Evaluation and Planning System. This underground storage tank listing was updated and maintained by a company contacted by the SWRCB in the early 1990's. The listing is no longer updated or maintained. The local agency is the contact for more information on a site on the SWEEPS list.

Date of Government Version: 06/01/1994
Date Data Arrived at EDR: 07/07/2005
Date Made Active in Reports: 08/11/2005
Number of Days to Update: 35

Source: State Water Resources Control Board
Telephone: N/A
Last EDR Contact: 06/03/2005
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

UST MENDOCINO: Mendocino County UST Database

A listing of underground storage tank locations in Mendocino County.

Date of Government Version: 12/01/2016
Date Data Arrived at EDR: 12/06/2016
Date Made Active in Reports: 01/10/2017
Number of Days to Update: 35

Source: Department of Public Health
Telephone: 707-463-4466
Last EDR Contact: 11/28/2016
Next Scheduled EDR Contact: 03/13/2017
Data Release Frequency: Annually

HIST UST: Hazardous Substance Storage Container Database

The Hazardous Substance Storage Container Database is a historical listing of UST sites. Refer to local/county source for current data.

Date of Government Version: 10/15/1990
Date Data Arrived at EDR: 01/25/1991
Date Made Active in Reports: 02/12/1991
Number of Days to Update: 18

Source: State Water Resources Control Board
Telephone: 916-341-5851
Last EDR Contact: 07/26/2001
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

CA FID UST: Facility Inventory Database

The Facility Inventory Database (FID) contains a historical listing of active and inactive underground storage tank locations from the State Water Resource Control Board. Refer to local/county source for current data.

Date of Government Version: 10/31/1994
Date Data Arrived at EDR: 09/05/1995
Date Made Active in Reports: 09/29/1995
Number of Days to Update: 24

Source: California Environmental Protection Agency
Telephone: 916-341-5851
Last EDR Contact: 12/28/1998
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

Local Land Records

LIENS: Environmental Liens Listing

A listing of property locations with environmental liens for California where DTSC is a lien holder.

Date of Government Version: 11/29/2016
Date Data Arrived at EDR: 12/06/2016
Date Made Active in Reports: 01/23/2017
Number of Days to Update: 48

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 12/02/2016
Next Scheduled EDR Contact: 03/20/2017
Data Release Frequency: Varies

LIENS 2: CERCLA Lien Information

A Federal CERCLA ('Superfund') lien can exist by operation of law at any site or property at which EPA has spent Superfund monies. These monies are spent to investigate and address releases and threatened releases of contamination. CERCLIS provides information as to the identity of these sites and properties.

Date of Government Version: 02/18/2014
Date Data Arrived at EDR: 03/18/2014
Date Made Active in Reports: 04/24/2014
Number of Days to Update: 37

Source: Environmental Protection Agency
Telephone: 202-564-6023
Last EDR Contact: 01/24/2017
Next Scheduled EDR Contact: 05/08/2017
Data Release Frequency: Varies

DEED: Deed Restriction Listing

Site Mitigation and Brownfields Reuse Program Facility Sites with Deed Restrictions & Hazardous Waste Management Program Facility Sites with Deed / Land Use Restriction. The DTSC Site Mitigation and Brownfields Reuse Program (SMBRP) list includes sites cleaned up under the program's oversight and generally does not include current or former hazardous waste facilities that required a hazardous waste facility permit. The list represents deed restrictions that are active. Some sites have multiple deed restrictions. The DTSC Hazardous Waste Management Program (HWMP) has developed a list of current or former hazardous waste facilities that have a recorded land use restriction at the local county recorder's office. The land use restrictions on this list were required by the DTSC HWMP as a result of the presence of hazardous substances that remain on site after the facility (or part of the facility) has been closed or cleaned up. The types of land use restriction include deed notice, deed restriction, or a land use restriction that binds current and future owners.

Date of Government Version: 12/06/2016
Date Data Arrived at EDR: 12/06/2016
Date Made Active in Reports: 01/20/2017
Number of Days to Update: 45

Source: DTSC and SWRCB
Telephone: 916-323-3400
Last EDR Contact: 12/06/2016
Next Scheduled EDR Contact: 03/20/2017
Data Release Frequency: Semi-Annually

Records of Emergency Release Reports

HMIRS: Hazardous Materials Information Reporting System

Hazardous Materials Incident Report System. HMIRS contains hazardous material spill incidents reported to DOT.

Date of Government Version: 12/28/2016
Date Data Arrived at EDR: 12/28/2016
Date Made Active in Reports: 02/03/2017
Number of Days to Update: 37

Source: U.S. Department of Transportation
Telephone: 202-366-4555
Last EDR Contact: 12/28/2016
Next Scheduled EDR Contact: 04/10/2017
Data Release Frequency: Annually

CHMIRS: California Hazardous Material Incident Report System

California Hazardous Material Incident Reporting System. CHMIRS contains information on reported hazardous material incidents (accidental releases or spills).

Date of Government Version: 09/26/2016
Date Data Arrived at EDR: 10/26/2016
Date Made Active in Reports: 01/17/2017
Number of Days to Update: 83

Source: Office of Emergency Services
Telephone: 916-845-8400
Last EDR Contact: 01/25/2017
Next Scheduled EDR Contact: 05/08/2017
Data Release Frequency: Varies

LDS: Land Disposal Sites Listing

Land Disposal sites (Landfills) included in GeoTracker. GeoTracker is the Water Boards data management system for sites that impact, or have the potential to impact, water quality in California, with emphasis on groundwater.

Date of Government Version: 12/12/2016
Date Data Arrived at EDR: 12/14/2016
Date Made Active in Reports: 01/20/2017
Number of Days to Update: 37

Source: State Water Qualilty Control Board
Telephone: 866-480-1028
Last EDR Contact: 12/14/2016
Next Scheduled EDR Contact: 03/27/2017
Data Release Frequency: Quarterly

MCS: Military Cleanup Sites Listing

Military sites (consisting of: Military UST sites; Military Privatized sites; and Military Cleanup sites [formerly known as DoD non UST]) included in GeoTracker. GeoTracker is the Water Boards data management system for sites that impact, or have the potential to impact, water quality in California, with emphasis on groundwater.

Date of Government Version: 12/12/2016
Date Data Arrived at EDR: 12/14/2016
Date Made Active in Reports: 01/20/2017
Number of Days to Update: 37

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 12/14/2016
Next Scheduled EDR Contact: 03/27/2017
Data Release Frequency: Quarterly

SPILLS 90: SPILLS90 data from FirstSearch

Spills 90 includes those spill and release records available exclusively from FirstSearch databases. Typically, they may include chemical, oil and/or hazardous substance spills recorded after 1990. Duplicate records that are already included in EDR incident and release records are not included in Spills 90.

Date of Government Version: 06/06/2012
Date Data Arrived at EDR: 01/03/2013
Date Made Active in Reports: 02/22/2013
Number of Days to Update: 50

Source: FirstSearch
Telephone: N/A
Last EDR Contact: 01/03/2013
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

Other Ascertainable Records

RCRA NonGen / NLR: RCRA - Non Generators / No Longer Regulated

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Non-Generators do not presently generate hazardous waste.

Date of Government Version: 09/12/2016
Date Data Arrived at EDR: 09/28/2016
Date Made Active in Reports: 01/06/2017
Number of Days to Update: 100

Source: Environmental Protection Agency
Telephone: (415) 495-8895
Last EDR Contact: 12/28/2016
Next Scheduled EDR Contact: 04/10/2017
Data Release Frequency: Varies

FUDS: Formerly Used Defense Sites

The listing includes locations of Formerly Used Defense Sites properties where the US Army Corps of Engineers is actively working or will take necessary cleanup actions.

Date of Government Version: 01/31/2015
Date Data Arrived at EDR: 07/08/2015
Date Made Active in Reports: 10/13/2015
Number of Days to Update: 97

Source: U.S. Army Corps of Engineers
Telephone: 202-528-4285
Last EDR Contact: 12/08/2016
Next Scheduled EDR Contact: 03/20/2017
Data Release Frequency: Varies

DOD: Department of Defense Sites

This data set consists of federally owned or administered lands, administered by the Department of Defense, that have any area equal to or greater than 640 acres of the United States, Puerto Rico, and the U.S. Virgin Islands.

Date of Government Version: 12/31/2005
Date Data Arrived at EDR: 11/10/2006
Date Made Active in Reports: 01/11/2007
Number of Days to Update: 62

Source: USGS
Telephone: 888-275-8747
Last EDR Contact: 01/13/2017
Next Scheduled EDR Contact: 04/24/2017
Data Release Frequency: Semi-Annually

FEDLAND: Federal and Indian Lands

Federally and Indian administrated lands of the United States. Lands included are administrated by: Army Corps of Engineers, Bureau of Reclamation, National Wild and Scenic River, National Wildlife Refuge, Public Domain Land, Wilderness, Wilderness Study Area, Wildlife Management Area, Bureau of Indian Affairs, Bureau of Land Management, Department of Justice, Forest Service, Fish and Wildlife Service, National Park Service.

Date of Government Version: 12/31/2005
Date Data Arrived at EDR: 02/06/2006
Date Made Active in Reports: 01/11/2007
Number of Days to Update: 339

Source: U.S. Geological Survey
Telephone: 888-275-8747
Last EDR Contact: 01/13/2017
Next Scheduled EDR Contact: 04/24/2017
Data Release Frequency: N/A

SCRD DRYCLEANERS: State Coalition for Remediation of Drycleaners Listing

The State Coalition for Remediation of Drycleaners was established in 1998, with support from the U.S. EPA Office of Superfund Remediation and Technology Innovation. It is comprised of representatives of states with established drycleaner remediation programs. Currently the member states are Alabama, Connecticut, Florida, Illinois, Kansas, Minnesota, Missouri, North Carolina, Oregon, South Carolina, Tennessee, Texas, and Wisconsin.

Date of Government Version: 03/07/2011
Date Data Arrived at EDR: 03/09/2011
Date Made Active in Reports: 05/02/2011
Number of Days to Update: 54
Source: Environmental Protection Agency
Telephone: 615-532-8599
Last EDR Contact: 01/31/2017
Next Scheduled EDR Contact: 02/27/2017
Data Release Frequency: Varies

US FIN ASSUR: Financial Assurance Information

All owners and operators of facilities that treat, store, or dispose of hazardous waste are required to provide proof that they will have sufficient funds to pay for the clean up, closure, and post-closure care of their facilities.

Date of Government Version: 10/11/2016
Date Data Arrived at EDR: 11/16/2016
Date Made Active in Reports: 02/03/2017
Number of Days to Update: 79
Source: Environmental Protection Agency
Telephone: 202-566-1917
Last EDR Contact: 11/16/2016
Next Scheduled EDR Contact: 02/27/2017
Data Release Frequency: Quarterly

EPA WATCH LIST: EPA WATCH LIST

EPA maintains a "Watch List" to facilitate dialogue between EPA, state and local environmental agencies on enforcement matters relating to facilities with alleged violations identified as either significant or high priority. Being on the Watch List does not mean that the facility has actually violated the law only that an investigation by EPA or a state or local environmental agency has led those organizations to allege that an unproven violation has in fact occurred. Being on the Watch List does not represent a higher level of concern regarding the alleged violations that were detected, but instead indicates cases requiring additional dialogue between EPA, state and local agencies - primarily because of the length of time the alleged violation has gone unaddressed or unresolved.

Date of Government Version: 08/30/2013
Date Data Arrived at EDR: 03/21/2014
Date Made Active in Reports: 06/17/2014
Number of Days to Update: 88
Source: Environmental Protection Agency
Telephone: 617-520-3000
Last EDR Contact: 02/03/2017
Next Scheduled EDR Contact: 05/22/2017
Data Release Frequency: Quarterly

2020 COR ACTION: 2020 Corrective Action Program List

The EPA has set ambitious goals for the RCRA Corrective Action program by creating the 2020 Corrective Action Universe. This RCRA cleanup baseline includes facilities expected to need corrective action. The 2020 universe contains a wide variety of sites. Some properties are heavily contaminated while others were contaminated but have since been cleaned up. Still others have not been fully investigated yet, and may require little or no remediation. Inclusion in the 2020 Universe does not necessarily imply failure on the part of a facility to meet its RCRA obligations.

Date of Government Version: 04/22/2013
Date Data Arrived at EDR: 03/03/2015
Date Made Active in Reports: 03/09/2015
Number of Days to Update: 6
Source: Environmental Protection Agency
Telephone: 703-308-4044
Last EDR Contact: 11/11/2016
Next Scheduled EDR Contact: 02/20/2017
Data Release Frequency: Varies

TSCA: Toxic Substances Control Act

Toxic Substances Control Act. TSCA identifies manufacturers and importers of chemical substances included on the TSCA Chemical Substance Inventory list. It includes data on the production volume of these substances by plant site.

Date of Government Version: 12/31/2012
Date Data Arrived at EDR: 01/15/2015
Date Made Active in Reports: 01/29/2015
Number of Days to Update: 14
Source: EPA
Telephone: 202-260-5521
Last EDR Contact: 12/23/2016
Next Scheduled EDR Contact: 04/03/2017
Data Release Frequency: Every 4 Years

TRIS: Toxic Chemical Release Inventory System

Toxic Release Inventory System. TRIS identifies facilities which release toxic chemicals to the air, water and land in reportable quantities under SARA Title III Section 313.

Date of Government Version: 12/31/2014
Date Data Arrived at EDR: 11/24/2015
Date Made Active in Reports: 04/05/2016
Number of Days to Update: 133

Source: EPA
Telephone: 202-566-0250
Last EDR Contact: 11/22/2016
Next Scheduled EDR Contact: 03/06/2017
Data Release Frequency: Annually

SSTS: Section 7 Tracking Systems

Section 7 of the Federal Insecticide, Fungicide and Rodenticide Act, as amended (92 Stat. 829) requires all registered pesticide-producing establishments to submit a report to the Environmental Protection Agency by March 1st each year. Each establishment must report the types and amounts of pesticides, active ingredients and devices being produced, and those having been produced and sold or distributed in the past year.

Date of Government Version: 12/31/2009
Date Data Arrived at EDR: 12/10/2010
Date Made Active in Reports: 02/25/2011
Number of Days to Update: 77

Source: EPA
Telephone: 202-564-4203
Last EDR Contact: 01/23/2017
Next Scheduled EDR Contact: 05/08/2017
Data Release Frequency: Annually

ROD: Records Of Decision

Record of Decision. ROD documents mandate a permanent remedy at an NPL (Superfund) site containing technical and health information to aid in the cleanup.

Date of Government Version: 11/25/2013
Date Data Arrived at EDR: 12/12/2013
Date Made Active in Reports: 02/24/2014
Number of Days to Update: 74

Source: EPA
Telephone: 703-416-0223
Last EDR Contact: 12/06/2016
Next Scheduled EDR Contact: 03/20/2017
Data Release Frequency: Annually

RMP: Risk Management Plans

When Congress passed the Clean Air Act Amendments of 1990, it required EPA to publish regulations and guidance for chemical accident prevention at facilities using extremely hazardous substances. The Risk Management Program Rule (RMP Rule) was written to implement Section 112(r) of these amendments. The rule, which built upon existing industry codes and standards, requires companies of all sizes that use certain flammable and toxic substances to develop a Risk Management Program, which includes a(n): Hazard assessment that details the potential effects of an accidental release, an accident history of the last five years, and an evaluation of worst-case and alternative accidental releases; Prevention program that includes safety precautions and maintenance, monitoring, and employee training measures; and Emergency response program that spells out emergency health care, employee training measures and procedures for informing the public and response agencies (e.g the fire department) should an accident occur.

Date of Government Version: 08/01/2016
Date Data Arrived at EDR: 08/22/2016
Date Made Active in Reports: 11/11/2016
Number of Days to Update: 81

Source: Environmental Protection Agency
Telephone: 202-564-8600
Last EDR Contact: 01/23/2017
Next Scheduled EDR Contact: 05/08/2017
Data Release Frequency: Varies

RAATS: RCRA Administrative Action Tracking System

RCRA Administration Action Tracking System. RAATS contains records based on enforcement actions issued under RCRA pertaining to major violators and includes administrative and civil actions brought by the EPA. For administration actions after September 30, 1995, data entry in the RAATS database was discontinued. EPA will retain a copy of the database for historical records. It was necessary to terminate RAATS because a decrease in agency resources made it impossible to continue to update the information contained in the database.

Date of Government Version: 04/17/1995
Date Data Arrived at EDR: 07/03/1995
Date Made Active in Reports: 08/07/1995
Number of Days to Update: 35

Source: EPA
Telephone: 202-564-4104
Last EDR Contact: 06/02/2008
Next Scheduled EDR Contact: 09/01/2008
Data Release Frequency: No Update Planned

PRP: Potentially Responsible Parties
A listing of verified Potentially Responsible Parties

Date of Government Version: 10/25/2013
Date Data Arrived at EDR: 10/17/2014
Date Made Active in Reports: 10/20/2014
Number of Days to Update: 3
Source: EPA
Telephone: 202-564-6023
Last EDR Contact: 11/07/2016
Next Scheduled EDR Contact: 02/20/2017
Data Release Frequency: Quarterly

PADS: PCB Activity Database System
PCB Activity Database. PADS Identifies generators, transporters, commercial storers and/or brokers and disposers of PCB's who are required to notify the EPA of such activities.

Date of Government Version: 01/20/2016
Date Data Arrived at EDR: 04/28/2016
Date Made Active in Reports: 09/02/2016
Number of Days to Update: 127
Source: EPA
Telephone: 202-566-0500
Last EDR Contact: 01/13/2017
Next Scheduled EDR Contact: 04/24/2017
Data Release Frequency: Annually

ICIS: Integrated Compliance Information System
The Integrated Compliance Information System (ICIS) supports the information needs of the national enforcement and compliance program as well as the unique needs of the National Pollutant Discharge Elimination System (NPDES) program.

Date of Government Version: 07/27/2016
Date Data Arrived at EDR: 08/05/2016
Date Made Active in Reports: 10/21/2016
Number of Days to Update: 77
Source: Environmental Protection Agency
Telephone: 202-564-5088
Last EDR Contact: 01/09/2017
Next Scheduled EDR Contact: 04/24/2017
Data Release Frequency: Quarterly

FTTS: FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)
FTTS tracks administrative cases and pesticide enforcement actions and compliance activities related to FIFRA, TSCA and EPCRA (Emergency Planning and Community Right-to-Know Act). To maintain currency, EDR contacts the Agency on a quarterly basis.

Date of Government Version: 04/09/2009
Date Data Arrived at EDR: 04/16/2009
Date Made Active in Reports: 05/11/2009
Number of Days to Update: 25
Source: EPA/Office of Prevention, Pesticides and Toxic Substances
Telephone: 202-566-1667
Last EDR Contact: 11/17/2016
Next Scheduled EDR Contact: 03/06/2017
Data Release Frequency: Quarterly

FTTS INSP: FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)
A listing of FIFRA/TSCA Tracking System (FTTS) inspections and enforcements.

Date of Government Version: 04/09/2009
Date Data Arrived at EDR: 04/16/2009
Date Made Active in Reports: 05/11/2009
Number of Days to Update: 25
Source: EPA
Telephone: 202-566-1667
Last EDR Contact: 11/17/2016
Next Scheduled EDR Contact: 03/06/2017
Data Release Frequency: Quarterly

MLTS: Material Licensing Tracking System
MLTS is maintained by the Nuclear Regulatory Commission and contains a list of approximately 8,100 sites which possess or use radioactive materials and which are subject to NRC licensing requirements. To maintain currency, EDR contacts the Agency on a quarterly basis.

Date of Government Version: 08/30/2016
Date Data Arrived at EDR: 09/08/2016
Date Made Active in Reports: 10/21/2016
Number of Days to Update: 43
Source: Nuclear Regulatory Commission
Telephone: 301-415-7169
Last EDR Contact: 02/03/2017
Next Scheduled EDR Contact: 05/22/2017
Data Release Frequency: Quarterly

COAL ASH DOE: Steam-Electric Plant Operation Data
A listing of power plants that store ash in surface ponds.

Date of Government Version: 12/31/2005
Date Data Arrived at EDR: 08/07/2009
Date Made Active in Reports: 10/22/2009
Number of Days to Update: 76
Source: Department of Energy
Telephone: 202-586-8719
Last EDR Contact: 12/06/2016
Next Scheduled EDR Contact: 03/20/2017
Data Release Frequency: Varies

COAL ASH EPA: Coal Combustion Residues Surface Impoundments List
A listing of coal combustion residues surface impoundments with high hazard potential ratings.

Date of Government Version: 07/01/2014
Date Data Arrived at EDR: 09/10/2014
Date Made Active in Reports: 10/20/2014
Number of Days to Update: 40
Source: Environmental Protection Agency
Telephone: N/A
Last EDR Contact: 12/06/2016
Next Scheduled EDR Contact: 03/20/2017
Data Release Frequency: Varies

PCB TRANSFORMER: PCB Transformer Registration Database
The database of PCB transformer registrations that includes all PCB registration submittals.

Date of Government Version: 02/01/2011
Date Data Arrived at EDR: 10/19/2011
Date Made Active in Reports: 01/10/2012
Number of Days to Update: 83
Source: Environmental Protection Agency
Telephone: 202-566-0517
Last EDR Contact: 01/29/2016
Next Scheduled EDR Contact: 05/08/2017
Data Release Frequency: Varies

RADINFO: Radiation Information Database
The Radiation Information Database (RADINFO) contains information about facilities that are regulated by U.S. Environmental Protection Agency (EPA) regulations for radiation and radioactivity.

Date of Government Version: 10/03/2016
Date Data Arrived at EDR: 10/05/2016
Date Made Active in Reports: 10/21/2016
Number of Days to Update: 16
Source: Environmental Protection Agency
Telephone: 202-343-9775
Last EDR Contact: 01/06/2017
Next Scheduled EDR Contact: 04/17/2017
Data Release Frequency: Quarterly

HIST FTTS: FIFRA/TSCA Tracking System Administrative Case Listing
A complete administrative case listing from the FIFRA/TSCA Tracking System (FTTS) for all ten EPA regions. The information was obtained from the National Compliance Database (NCDB). NCDB supports the implementation of FIFRA (Federal Insecticide, Fungicide, and Rodenticide Act) and TSCA (Toxic Substances Control Act). Some EPA regions are now closing out records. Because of that, and the fact that some EPA regions are not providing EPA Headquarters with updated records, it was decided to create a HIST FTTS database. It included records that may not be included in the newer FTTS database updates. This database is no longer updated.

Date of Government Version: 10/19/2006
Date Data Arrived at EDR: 03/01/2007
Date Made Active in Reports: 04/10/2007
Number of Days to Update: 40
Source: Environmental Protection Agency
Telephone: 202-564-2501
Last EDR Contact: 12/17/2007
Next Scheduled EDR Contact: 03/17/2008
Data Release Frequency: No Update Planned

HIST FTTS INSP: FIFRA/TSCA Tracking System Inspection & Enforcement Case Listing
A complete inspection and enforcement case listing from the FIFRA/TSCA Tracking System (FTTS) for all ten EPA regions. The information was obtained from the National Compliance Database (NCDB). NCDB supports the implementation of FIFRA (Federal Insecticide, Fungicide, and Rodenticide Act) and TSCA (Toxic Substances Control Act). Some EPA regions are now closing out records. Because of that, and the fact that some EPA regions are not providing EPA Headquarters with updated records, it was decided to create a HIST FTTS database. It included records that may not be included in the newer FTTS database updates. This database is no longer updated.

Date of Government Version: 10/19/2006
Date Data Arrived at EDR: 03/01/2007
Date Made Active in Reports: 04/10/2007
Number of Days to Update: 40

Source: Environmental Protection Agency
Telephone: 202-564-2501
Last EDR Contact: 12/17/2008
Next Scheduled EDR Contact: 03/17/2008
Data Release Frequency: No Update Planned

DOT OPS: Incident and Accident Data

Department of Transporation, Office of Pipeline Safety Incident and Accident data.

Date of Government Version: 07/31/2012
Date Data Arrived at EDR: 08/07/2012
Date Made Active in Reports: 09/18/2012
Number of Days to Update: 42

Source: Department of Transporation, Office of Pipeline Safety
Telephone: 202-366-4595
Last EDR Contact: 02/01/2017
Next Scheduled EDR Contact: 05/08/2017
Data Release Frequency: Varies

CONSENT: Superfund (CERCLA) Consent Decrees

Major legal settlements that establish responsibility and standards for cleanup at NPL (Superfund) sites. Released periodically by United States District Courts after settlement by parties to litigation matters.

Date of Government Version: 09/30/2016
Date Data Arrived at EDR: 11/18/2016
Date Made Active in Reports: 02/03/2017
Number of Days to Update: 77

Source: Department of Justice, Consent Decree Library
Telephone: Varies
Last EDR Contact: 01/23/2017
Next Scheduled EDR Contact: 04/10/2017
Data Release Frequency: Varies

BRS: Biennial Reporting System

The Biennial Reporting System is a national system administered by the EPA that collects data on the generation and management of hazardous waste. BRS captures detailed data from two groups: Large Quantity Generators (LQG) and Treatment, Storage, and Disposal Facilities.

Date of Government Version: 12/31/2013
Date Data Arrived at EDR: 02/24/2015
Date Made Active in Reports: 09/30/2015
Number of Days to Update: 218

Source: EPA/NTIS
Telephone: 800-424-9346
Last EDR Contact: 11/23/2016
Next Scheduled EDR Contact: 03/06/2017
Data Release Frequency: Biennially

INDIAN RESERV: Indian Reservations

This map layer portrays Indian administered lands of the United States that have any area equal to or greater than 640 acres.

Date of Government Version: 12/31/2014
Date Data Arrived at EDR: 07/14/2015
Date Made Active in Reports: 01/10/2017
Number of Days to Update: 546

Source: USGS
Telephone: 202-208-3710
Last EDR Contact: 01/13/2017
Next Scheduled EDR Contact: 04/24/2017
Data Release Frequency: Semi-Annually

FUSRAP: Formerly Utilized Sites Remedial Action Program

DOE established the Formerly Utilized Sites Remedial Action Program (FUSRAP) in 1974 to remediate sites where radioactive contamination remained from Manhattan Project and early U.S. Atomic Energy Commission (AEC) operations.

Date of Government Version: 07/21/2016
Date Data Arrived at EDR: 07/26/2016
Date Made Active in Reports: 09/23/2016
Number of Days to Update: 59

Source: Department of Energy
Telephone: 202-586-3559
Last EDR Contact: 02/03/2017
Next Scheduled EDR Contact: 05/22/2017
Data Release Frequency: Varies

UMTRA: Uranium Mill Tailings Sites

Uranium ore was mined by private companies for federal government use in national defense programs. When the mills shut down, large piles of the sand-like material (mill tailings) remain after uranium has been extracted from the ore. Levels of human exposure to radioactive materials from the piles are low; however, in some cases tailings were used as construction materials before the potential health hazards of the tailings were recognized.

Date of Government Version: 09/14/2010
Date Data Arrived at EDR: 10/07/2011
Date Made Active in Reports: 03/01/2012
Number of Days to Update: 146

Source: Department of Energy
Telephone: 505-845-0011
Last EDR Contact: 09/09/2016
Next Scheduled EDR Contact: 12/05/2016
Data Release Frequency: Varies

LEAD SMELTER 1: Lead Smelter Sites

A listing of former lead smelter site locations.

Date of Government Version: 03/07/2016
Date Data Arrived at EDR: 04/07/2016
Date Made Active in Reports: 09/02/2016
Number of Days to Update: 148

Source: Environmental Protection Agency
Telephone: 703-603-8787
Last EDR Contact: 01/05/2017
Next Scheduled EDR Contact: 04/17/2017
Data Release Frequency: Varies

LEAD SMELTER 2: Lead Smelter Sites

A list of several hundred sites in the U.S. where secondary lead smelting was done from 1931and 1964. These sites may pose a threat to public health through ingestion or inhalation of contaminated soil or dust

Date of Government Version: 04/05/2001
Date Data Arrived at EDR: 10/27/2010
Date Made Active in Reports: 12/02/2010
Number of Days to Update: 36

Source: American Journal of Public Health
Telephone: 703-305-6451
Last EDR Contact: 12/02/2009
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

US AIRS (AFS): Aerometric Information Retrieval System Facility Subsystem (AFS)

The database is a sub-system of Aerometric Information Retrieval System (AIRS). AFS contains compliance data on air pollution point sources regulated by the U.S. EPA and/or state and local air regulatory agencies. This information comes from source reports by various stationary sources of air pollution, such as electric power plants, steel mills, factories, and universities, and provides information about the air pollutants they produce. Action, air program, air program pollutant, and general level plant data. It is used to track emissions and compliance data from industrial plants.

Date of Government Version: 10/12/2016
Date Data Arrived at EDR: 10/26/2016
Date Made Active in Reports: 02/03/2017
Number of Days to Update: 100

Source: EPA
Telephone: 202-564-2496
Last EDR Contact: 12/22/2016
Next Scheduled EDR Contact: 04/10/2017
Data Release Frequency: Annually

US AIRS MINOR: Air Facility System Data

A listing of minor source facilities.

Date of Government Version: 10/12/2016
Date Data Arrived at EDR: 10/26/2016
Date Made Active in Reports: 02/03/2017
Number of Days to Update: 100

Source: EPA
Telephone: 202-564-2496
Last EDR Contact: 12/22/2016
Next Scheduled EDR Contact: 04/10/2017
Data Release Frequency: Annually

US MINES: Mines Master Index File

Contains all mine identification numbers issued for mines active or opened since 1971. The data also includes violation information.

Date of Government Version: 08/05/2016
Date Data Arrived at EDR: 09/01/2016
Date Made Active in Reports: 09/23/2016
Number of Days to Update: 22

Source: Department of Labor, Mine Safety and Health Administration
Telephone: 303-231-5959
Last EDR Contact: 12/01/2016
Next Scheduled EDR Contact: 03/13/2017
Data Release Frequency: Semi-Annually

US MINES 2: Ferrous and Nonferrous Metal Mines Database Listing

This map layer includes ferrous (ferrous metal mines are facilities that extract ferrous metals, such as iron ore or molybdenum) and nonferrous (Nonferrous metal mines are facilities that extract nonferrous metals, such as gold, silver, copper, zinc, and lead) metal mines in the United States.

Date of Government Version: 12/05/2005
Date Data Arrived at EDR: 02/29/2008
Date Made Active in Reports: 04/18/2008
Number of Days to Update: 49

Source: USGS
Telephone: 703-648-7709
Last EDR Contact: 12/12/2016
Next Scheduled EDR Contact: 03/13/2017
Data Release Frequency: Varies

US MINES 3: Active Mines & Mineral Plants Database Listing

Active Mines and Mineral Processing Plant operations for commodities monitored by the Minerals Information Team of the USGS.

Date of Government Version: 04/14/2011
Date Data Arrived at EDR: 06/08/2011
Date Made Active in Reports: 09/13/2011
Number of Days to Update: 97

Source: USGS
Telephone: 703-648-7709
Last EDR Contact: 12/02/2016
Next Scheduled EDR Contact: 03/13/2017
Data Release Frequency: Varies

FINDS: Facility Index System/Facility Registry System

Facility Index System. FINDS contains both facility information and 'pointers' to other sources that contain more detail. EDR includes the following FINDS databases in this report: PCS (Permit Compliance System), AIRS (Aerometric Information Retrieval System), DOCKET (Enforcement Docket used to manage and track information on civil judicial enforcement cases for all environmental statutes), FURS (Federal Underground Injection Control), C-DOCKET (Criminal Docket System used to track criminal enforcement actions for all environmental statutes), FFIS (Federal Facilities Information System), STATE (State Environmental Laws and Statutes), and PADS (PCB Activity Data System).

Date of Government Version: 07/15/2016
Date Data Arrived at EDR: 09/07/2016
Date Made Active in Reports: 11/11/2016
Number of Days to Update: 65

Source: EPA
Telephone: (415) 947-8000
Last EDR Contact: 12/06/2016
Next Scheduled EDR Contact: 03/20/2017
Data Release Frequency: Quarterly

DOCKET HWC: Hazardous Waste Compliance Docket Listing

A complete list of the Federal Agency Hazardous Waste Compliance Docket Facilities.

Date of Government Version: 06/02/2016
Date Data Arrived at EDR: 06/03/2016
Date Made Active in Reports: 09/02/2016
Number of Days to Update: 91

Source: Environmental Protection Agency
Telephone: 202-564-0527
Last EDR Contact: 11/28/2016
Next Scheduled EDR Contact: 03/13/2017
Data Release Frequency: Varies

UXO: Unexploded Ordnance Sites

A listing of unexploded ordnance site locations

Date of Government Version: 10/25/2015
Date Data Arrived at EDR: 01/29/2016
Date Made Active in Reports: 04/05/2016
Number of Days to Update: 67

Source: Department of Defense
Telephone: 571-373-0407
Last EDR Contact: 01/20/2017
Next Scheduled EDR Contact: 05/01/2017
Data Release Frequency: Varies

CA BOND EXP. PLAN: Bond Expenditure Plan

Department of Health Services developed a site-specific expenditure plan as the basis for an appropriation of Hazardous Substance Cleanup Bond Act funds. It is not updated.

Date of Government Version: 01/01/1989
Date Data Arrived at EDR: 07/27/1994
Date Made Active in Reports: 08/02/1994
Number of Days to Update: 6

Source: Department of Health Services
Telephone: 916-255-2118
Last EDR Contact: 05/31/1994
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

CORTESE: "Cortese" Hazardous Waste & Substances Sites List

The sites for the list are designated by the State Water Resource Control Board (LUST), the Integrated Waste Board (SWF/LS), and the Department of Toxic Substances Control (Cal-Sites).

Date of Government Version: 09/26/2016
Date Data Arrived at EDR: 09/27/2016
Date Made Active in Reports: 11/18/2016
Number of Days to Update: 52

Source: CAL EPA/Office of Emergency Information
Telephone: 916-323-3400
Last EDR Contact: 12/28/2016
Next Scheduled EDR Contact: 04/10/2017
Data Release Frequency: Quarterly

DRYCLEANERS: Cleaner Facilities

A list of drycleaner related facilities that have EPA ID numbers. These are facilities with certain SIC codes: power laundries, family and commercial; garment pressing and cleaner's agents; linen supply; coin-operated laundries and cleaning; drycleaning plants, except rugs; carpet and upholster cleaning; industrial launderers; laundry and garment services.

Date of Government Version: 09/02/2016
Date Data Arrived at EDR: 09/27/2016
Date Made Active in Reports: 12/15/2016
Number of Days to Update: 79

Source: Department of Toxic Substance Control
Telephone: 916-327-4498
Last EDR Contact: 12/02/2016
Next Scheduled EDR Contact: 03/20/2017
Data Release Frequency: Annually

EMI: Emissions Inventory Data

Toxics and criteria pollutant emissions data collected by the ARB and local air pollution agencies.

Date of Government Version: 12/31/2014
Date Data Arrived at EDR: 09/23/2016
Date Made Active in Reports: 10/24/2016
Number of Days to Update: 31

Source: California Air Resources Board
Telephone: 916-322-2990
Last EDR Contact: 12/23/2016
Next Scheduled EDR Contact: 04/03/2017
Data Release Frequency: Varies

ENF: Enforcement Action Listing

A listing of Water Board Enforcement Actions. Formal is everything except Oral/Verbal Communication, Notice of Violation, Expedited Payment Letter, and Staff Enforcement Letter.

Date of Government Version: 12/06/2016
Date Data Arrived at EDR: 12/09/2016
Date Made Active in Reports: 01/18/2017
Number of Days to Update: 40

Source: State Water Resoruces Control Board
Telephone: 916-445-9379
Last EDR Contact: 01/23/2017
Next Scheduled EDR Contact: 05/08/2017
Data Release Frequency: Varies

Financial Assurance 1: Financial Assurance Information Listing

Financial Assurance information

Date of Government Version: 04/25/2016
Date Data Arrived at EDR: 04/29/2016
Date Made Active in Reports: 06/21/2016
Number of Days to Update: 53

Source: Department of Toxic Substances Control
Telephone: 916-255-3628
Last EDR Contact: 01/23/2017
Next Scheduled EDR Contact: 05/08/2017
Data Release Frequency: Varies

Financial Assurance 2: Financial Assurance Information Listing

A listing of financial assurance information for solid waste facilities. Financial assurance is intended to ensure that resources are available to pay for the cost of closure, post-closure care, and corrective measures if the owner or operator of a regulated facility is unable or unwilling to pay.

Date of Government Version: 11/16/2016
Date Data Arrived at EDR: 11/18/2016
Date Made Active in Reports: 01/20/2017
Number of Days to Update: 63

Source: California Integrated Waste Management Board
Telephone: 916-341-6066
Last EDR Contact: 11/11/2016
Next Scheduled EDR Contact: 02/27/2017
Data Release Frequency: Varies

HAZNET: Facility and Manifest Data

Facility and Manifest Data. The data is extracted from the copies of hazardous waste manifests received each year by the DTSC. The annual volume of manifests is typically 700,000 - 1,000,000 annually, representing approximately 350,000 - 500,000 shipments. Data are from the manifests submitted without correction, and therefore many contain some invalid values for data elements such as generator ID, TSD ID, waste category, and disposal method. This database begins with calendar year 1993.

Date of Government Version: 12/31/2015
Date Data Arrived at EDR: 10/12/2016
Date Made Active in Reports: 12/15/2016
Number of Days to Update: 64

Source: California Environmental Protection Agency
Telephone: 916-255-1136
Last EDR Contact: 01/09/2017
Next Scheduled EDR Contact: 04/24/2017
Data Release Frequency: Annually

ICE: ICE

Contains data pertaining to the Permitted Facilities with Inspections / Enforcements sites tracked in Envirostor.

Date of Government Version: 11/21/2016
Date Data Arrived at EDR: 11/22/2016
Date Made Active in Reports: 01/23/2017
Number of Days to Update: 62

Source: Department of Toxic Subsances Control
Telephone: 877-786-9427
Last EDR Contact: 11/22/2016
Next Scheduled EDR Contact: 03/06/2017
Data Release Frequency: Quarterly

HIST CORTESE: Hazardous Waste & Substance Site List

The sites for the list are designated by the State Water Resource Control Board [LUST], the Integrated Waste Board [SWF/LS], and the Department of Toxic Substances Control [CALSITES]. This listing is no longer updated by the state agency.

Date of Government Version: 04/01/2001
Date Data Arrived at EDR: 01/22/2009
Date Made Active in Reports: 04/08/2009
Number of Days to Update: 76

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 01/22/2009
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

HWP: EnviroStor Permitted Facilities Listing

Detailed information on permitted hazardous waste facilities and corrective action ("cleanups") tracked in EnviroStor.

Date of Government Version: 11/21/2016
Date Data Arrived at EDR: 11/22/2016
Date Made Active in Reports: 01/23/2017
Number of Days to Update: 62

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 11/22/2016
Next Scheduled EDR Contact: 03/06/2017
Data Release Frequency: Quarterly

HWT: Registered Hazardous Waste Transporter Database

A listing of hazardous waste transporters. In California, unless specifically exempted, it is unlawful for any person to transport hazardous wastes unless the person holds a valid registration issued by DTSC. A hazardous waste transporter registration is valid for one year and is assigned a unique registration number.

Date of Government Version: 10/12/2016
Date Data Arrived at EDR: 10/12/2016
Date Made Active in Reports: 12/15/2016
Number of Days to Update: 64

Source: Department of Toxic Substances Control
Telephone: 916-440-7145
Last EDR Contact: 01/11/2017
Next Scheduled EDR Contact: 04/24/2017
Data Release Frequency: Quarterly

MINES: Mines Site Location Listing

A listing of mine site locations from the Office of Mine Reclamation.

Date of Government Version: 09/12/2016
Date Data Arrived at EDR: 09/14/2016
Date Made Active in Reports: 10/14/2016
Number of Days to Update: 30

Source: Department of Conservation
Telephone: 916-322-1080
Last EDR Contact: 01/13/2017
Next Scheduled EDR Contact: 03/27/2017
Data Release Frequency: Varies

MWMP: Medical Waste Management Program Listing

The Medical Waste Management Program (MWMP) ensures the proper handling and disposal of medical waste by permitting and inspecting medical waste Offsite Treatment Facilities (PDF) and Transfer Stations (PDF) throughout the state. MWMP also oversees all Medical Waste Transporters.

Date of Government Version: 09/06/2016
Date Data Arrived at EDR: 09/07/2016
Date Made Active in Reports: 10/14/2016
Number of Days to Update: 37

Source: Department of Public Health
Telephone: 916-558-1784
Last EDR Contact: 12/06/2016
Next Scheduled EDR Contact: 03/20/2017
Data Release Frequency: Varies

NPDES: NPDES Permits Listing
A listing of NPDES permits, including stormwater.

Date of Government Version: 05/16/2016
Date Data Arrived at EDR: 05/18/2016
Date Made Active in Reports: 06/23/2016
Number of Days to Update: 36

Source: State Water Resources Control Board
Telephone: 916-445-9379
Last EDR Contact: 11/15/2016
Next Scheduled EDR Contact: 02/27/2017
Data Release Frequency: Quarterly

PEST LIC: Pesticide Regulation Licenses Listing
A listing of licenses and certificates issued by the Department of Pesticide Regulation. The DPR issues licenses and/or certificates to: Persons and businesses that apply or sell pesticides; Pest control dealers and brokers; Persons who advise on agricultural pesticide applications.

Date of Government Version: 09/06/2016
Date Data Arrived at EDR: 09/07/2016
Date Made Active in Reports: 10/14/2016
Number of Days to Update: 37

Source: Department of Pesticide Regulation
Telephone: 916-445-4038
Last EDR Contact: 12/06/2016
Next Scheduled EDR Contact: 03/20/2017
Data Release Frequency: Quarterly

PROC: Certified Processors Database
A listing of certified processors.

Date of Government Version: 09/12/2016
Date Data Arrived at EDR: 09/14/2016
Date Made Active in Reports: 10/14/2016
Number of Days to Update: 30

Source: Department of Conservation
Telephone: 916-323-3836
Last EDR Contact: 12/14/2016
Next Scheduled EDR Contact: 12/26/2016
Data Release Frequency: Quarterly

NOTIFY 65: Proposition 65 Records
Listings of all Proposition 65 incidents reported to counties by the State Water Resources Control Board and the Regional Water Quality Control Board. This database is no longer updated by the reporting agency.

Date of Government Version: 09/19/2016
Date Data Arrived at EDR: 09/20/2016
Date Made Active in Reports: 12/16/2016
Number of Days to Update: 87

Source: State Water Resources Control Board
Telephone: 916-445-3846
Last EDR Contact: 12/16/2016
Next Scheduled EDR Contact: 04/03/2017
Data Release Frequency: No Update Planned

UIC: UIC Listing
A listing of wells identified as underground injection wells, in the California Oil and Gas Wells database.

Date of Government Version: 07/06/2016
Date Data Arrived at EDR: 09/14/2016
Date Made Active in Reports: 10/14/2016
Number of Days to Update: 30

Source: Deaprtment of Conservation
Telephone: 916-445-2408
Last EDR Contact: 12/14/2016
Next Scheduled EDR Contact: 03/27/2017
Data Release Frequency: Varies

WASTEWATER PITS: Oil Wastewater Pits Listing
Water officials discovered that oil producers have been dumping chemical-laden wastewater into hundreds of unlined pits that are operating without proper permits. Inspections completed by the Central Valley Regional Water Quality Control Board revealed the existence of previously unidentified waste sites. The water board?s review found that more than one-third of the region?s active disposal pits are operating without permission.

Date of Government Version: 04/15/2015
Date Data Arrived at EDR: 04/17/2015
Date Made Active in Reports: 06/23/2015
Number of Days to Update: 67

Source: RWQCB, Central Valley Region
Telephone: 559-445-5577
Last EDR Contact: 01/13/2017
Next Scheduled EDR Contact: 04/24/2047
Data Release Frequency: Varies

WDS: Waste Discharge System

Sites which have been issued waste discharge requirements.

Date of Government Version: 06/19/2007
Date Data Arrived at EDR: 06/20/2007
Date Made Active in Reports: 06/29/2007
Number of Days to Update: 9

Source: State Water Resources Control Board
Telephone: 916-341-5227
Last EDR Contact: 11/16/2016
Next Scheduled EDR Contact: 03/06/2017
Data Release Frequency: Quarterly

WIP: Well Investigation Program Case List

Well Investigation Program case in the San Gabriel and San Fernando Valley area.

Date of Government Version: 07/03/2009
Date Data Arrived at EDR: 07/21/2009
Date Made Active in Reports: 08/03/2009
Number of Days to Update: 13

Source: Los Angeles Water Quality Control Board
Telephone: 213-576-6726
Last EDR Contact: 12/22/2016
Next Scheduled EDR Contact: 04/10/2017
Data Release Frequency: Varies

ABANDONED MINES: Abandoned Mines

An inventory of land and water impacted by past mining (primarily coal mining) is maintained by OSMRE to provide information needed to implement the Surface Mining Control and Reclamation Act of 1977 (SMCRA). The inventory contains information on the location, type, and extent of AML impacts, as well as, information on the cost associated with the reclamation of those problems. The inventory is based upon field surveys by State, Tribal, and OSMRE program officials. It is dynamic to the extent that it is modified as new problems are identified and existing problems are reclaimed.

Date of Government Version: 06/09/2016
Date Data Arrived at EDR: 06/13/2016
Date Made Active in Reports: 09/02/2016
Number of Days to Update: 81

Source: Department of Interior
Telephone: 202-208-2609
Last EDR Contact: 12/09/2016
Next Scheduled EDR Contact: 03/27/2017
Data Release Frequency: Quarterly

ECHO: Enforcement & Compliance History Information

ECHO provides integrated compliance and enforcement information for about 800,000 regulated facilities nationwide.

Date of Government Version: 09/18/2016
Date Data Arrived at EDR: 09/20/2016
Date Made Active in Reports: 10/21/2016
Number of Days to Update: 31

Source: Environmental Protection Agency
Telephone: 202-564-2280
Last EDR Contact: 12/20/2016
Next Scheduled EDR Contact: 04/03/2017
Data Release Frequency: Quarterly

FUELS PROGRAM: EPA Fuels Program Registered Listing

This listing includes facilities that are registered under the Part 80 (Code of Federal Regulations) EPA Fuels Programs. All companies now are required to submit new and updated registrations.

Date of Government Version: 11/21/2016
Date Data Arrived at EDR: 11/22/2016
Date Made Active in Reports: 02/03/2017
Number of Days to Update: 73

Source: EPA
Telephone: 800-385-6164
Last EDR Contact: 11/22/2016
Next Scheduled EDR Contact: 03/06/2017
Data Release Frequency: Quarterly

EDR HIGH RISK HISTORICAL RECORDS

EDR Exclusive Records

EDR MGP: EDR Proprietary Manufactured Gas Plants

The EDR Proprietary Manufactured Gas Plant Database includes records of coal gas plants (manufactured gas plants) compiled by EDR's researchers. Manufactured gas sites were used in the United States from the 1800's to 1950's to produce a gas that could be distributed and used as fuel. These plants used whale oil, rosin, coal, or a mixture of coal, oil, and water that also produced a significant amount of waste. Many of the byproducts of the gas production, such as coal tar (oily waste containing volatile and non-volatile chemicals), sludges, oils and other compounds are potentially hazardous to human health and the environment. The byproduct from this process was frequently disposed of directly at the plant site and can remain or spread slowly, serving as a continuous source of soil and groundwater contamination.

Date of Government Version: N/A
Date Data Arrived at EDR: N/A
Date Made Active in Reports: N/A
Number of Days to Update: N/A

Source: EDR, Inc.
Telephone: N/A
Last EDR Contact: N/A
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

EDR Hist Auto: EDR Exclusive Historic Gas Stations

EDR has searched selected national collections of business directories and has collected listings of potential gas station/filling station/service station sites that were available to EDR researchers. EDR's review was limited to those categories of sources that might, in EDR's opinion, include gas station/filling station/service station establishments. The categories reviewed included, but were not limited to gas, gas station, gasoline station, filling station, auto, automobile repair, auto service station, service station, etc. This database falls within a category of information EDR classifies as "High Risk Historical Records", or HRHR. EDR's HRHR effort presents unique and sometimes proprietary data about past sites and operations that typically create environmental concerns, but may not show up in current government records searches.

Date of Government Version: N/A
Date Data Arrived at EDR: N/A
Date Made Active in Reports: N/A
Number of Days to Update: N/A

Source: EDR, Inc.
Telephone: N/A
Last EDR Contact: N/A
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

EDR Hist Cleaner: EDR Exclusive Historic Dry Cleaners

EDR has searched selected national collections of business directories and has collected listings of potential dry cleaner sites that were available to EDR researchers. EDR's review was limited to those categories of sources that might, in EDR's opinion, include dry cleaning establishments. The categories reviewed included, but were not limited to dry cleaners, cleaners, laundry, laundromat, cleaning/laundry, wash & dry etc. This database falls within a category of information EDR classifies as "High Risk Historical Records", or HRHR. EDR's HRHR effort presents unique and sometimes proprietary data about past sites and operations that typically create environmental concerns, but may not show up in current government records searches.

Date of Government Version: N/A
Date Data Arrived at EDR: N/A
Date Made Active in Reports: N/A
Number of Days to Update: N/A

Source: EDR, Inc.
Telephone: N/A
Last EDR Contact: N/A
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

EDR RECOVERED GOVERNMENT ARCHIVES

Exclusive Recovered Govt. Archives

RGA LF: Recovered Government Archive Solid Waste Facilities List

The EDR Recovered Government Archive Landfill database provides a list of landfills derived from historical databases and includes many records that no longer appear in current government lists. Compiled from Records formerly available from the Department of Resources Recycling and Recovery in California.

Date of Government Version: N/A
Date Data Arrived at EDR: 07/01/2013
Date Made Active in Reports: 01/13/2014
Number of Days to Update: 196

Source: Department of Resources Recycling and Recovery
Telephone: N/A
Last EDR Contact: 06/01/2012
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

RGA LUST: Recovered Government Archive Leaking Underground Storage Tank

The EDR Recovered Government Archive Leaking Underground Storage Tank database provides a list of LUST incidents derived from historical databases and includes many records that no longer appear in current government lists. Compiled from Records formerly available from the State Water Resources Control Board in California.

Date of Government Version: N/A
Date Data Arrived at EDR: 07/01/2013
Date Made Active in Reports: 12/30/2013
Number of Days to Update: 182

Source: State Water Resources Control Board
Telephone: N/A
Last EDR Contact: 06/01/2012
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

COUNTY RECORDS

ALAMEDA COUNTY:

Contaminated Sites

A listing of contaminated sites overseen by the Toxic Release Program (oil and groundwater contamination from chemical releases and spills) and the Leaking Underground Storage Tank Program (soil and ground water contamination from leaking petroleum USTs).

Date of Government Version: 10/12/2016
Date Data Arrived at EDR: 10/14/2016
Date Made Active in Reports: 11/18/2016
Number of Days to Update: 35

Source: Alameda County Environmental Health Services
Telephone: 510-567-6700
Last EDR Contact: 01/06/2017
Next Scheduled EDR Contact: 04/24/2017
Data Release Frequency: Semi-Annually

Underground Tanks

Underground storage tank sites located in Alameda county.

Date of Government Version: 10/10/2016
Date Data Arrived at EDR: 10/12/2016
Date Made Active in Reports: 01/10/2017
Number of Days to Update: 90

Source: Alameda County Environmental Health Services
Telephone: 510-567-6700
Last EDR Contact: 01/09/2017
Next Scheduled EDR Contact: 04/24/2047
Data Release Frequency: Semi-Annually

AMADOR COUNTY:

CUPA Facility List

Cupa Facility List

Date of Government Version: 11/10/2016
Date Data Arrived at EDR: 12/13/2016
Date Made Active in Reports: 12/22/2016
Number of Days to Update: 9

Source: Amador County Environmental Health
Telephone: 209-223-6439
Last EDR Contact: 12/02/2016
Next Scheduled EDR Contact: 03/20/2017
Data Release Frequency: Varies

BUTTE COUNTY:

CUPA Facility Listing

Cupa facility list.

Date of Government Version: 10/21/2016
Date Data Arrived at EDR: 10/26/2016
Date Made Active in Reports: 11/18/2016
Number of Days to Update: 23

Source: Public Health Department
Telephone: 530-538-7149
Last EDR Contact: 01/23/2017
Next Scheduled EDR Contact: 04/24/2017
Data Release Frequency: No Update Planned

CALVERAS COUNTY:

CUPA Facility Listing
Cupa Facility Listing

Date of Government Version: 10/25/2016
Date Data Arrived at EDR: 10/27/2016
Date Made Active in Reports: 11/18/2016
Number of Days to Update: 22

Source: Calveras County Environmental Health
Telephone: 209-754-6399
Last EDR Contact: 12/27/2016
Next Scheduled EDR Contact: 04/10/2017
Data Release Frequency: Quarterly

COLUSA COUNTY:

CUPA Facility List
Cupa facility list.

Date of Government Version: 09/02/2016
Date Data Arrived at EDR: 09/06/2016
Date Made Active in Reports: 10/14/2016
Number of Days to Update: 38

Source: Health & Human Services
Telephone: 530-458-0396
Last EDR Contact: 02/06/2017
Next Scheduled EDR Contact: 05/22/2017
Data Release Frequency: Varies

CONTRA COSTA COUNTY:

Site List
List includes sites from the underground tank, hazardous waste generator and business plan/2185 programs.

Date of Government Version: 11/17/2016
Date Data Arrived at EDR: 11/22/2016
Date Made Active in Reports: 01/26/2017
Number of Days to Update: 65

Source: Contra Costa Health Services Department
Telephone: 925-646-2286
Last EDR Contact: 01/30/2017
Next Scheduled EDR Contact: 05/08/2017
Data Release Frequency: Semi-Annually

DEL NORTE COUNTY:

CUPA Facility List
Cupa Facility list

Date of Government Version: 11/01/2016
Date Data Arrived at EDR: 11/03/2016
Date Made Active in Reports: 11/22/2016
Number of Days to Update: 19

Source: Del Norte County Environmental Health Division
Telephone: 707-465-0426
Last EDR Contact: 01/30/2017
Next Scheduled EDR Contact: 05/08/2017
Data Release Frequency: Varies

EL DORADO COUNTY:

CUPA Facility List
CUPA facility list.

Date of Government Version: 11/22/2016
Date Data Arrived at EDR: 11/23/2016
Date Made Active in Reports: 01/17/2017
Number of Days to Update: 55

Source: El Dorado County Environmental Management Department
Telephone: 530-621-6623
Last EDR Contact: 01/30/2017
Next Scheduled EDR Contact: 05/08/2017
Data Release Frequency: Varies

FRESNO COUNTY:

CUPA Resources List

Certified Unified Program Agency. CUPA's are responsible for implementing a unified hazardous materials and hazardous waste management regulatory program. The agency provides oversight of businesses that deal with hazardous materials, operate underground storage tanks or aboveground storage tanks.

Date of Government Version: 10/11/2016
Date Data Arrived at EDR: 10/14/2016
Date Made Active in Reports: 11/18/2016
Number of Days to Update: 35

Source: Dept. of Community Health
Telephone: 559-445-3271
Last EDR Contact: 01/03/2017
Next Scheduled EDR Contact: 04/17/2017
Data Release Frequency: Semi-Annually

HUMBOLDT COUNTY:

CUPA Facility List

CUPA facility list.

Date of Government Version: 10/25/2016
Date Data Arrived at EDR: 10/27/2016
Date Made Active in Reports: 11/18/2016
Number of Days to Update: 22

Source: Humboldt County Environmental Health
Telephone: N/A
Last EDR Contact: 11/21/2016
Next Scheduled EDR Contact: 03/06/2017
Data Release Frequency: Varies

IMPERIAL COUNTY:

CUPA Facility List

Cupa facility list.

Date of Government Version: 10/24/2016
Date Data Arrived at EDR: 10/27/2016
Date Made Active in Reports: 11/18/2016
Number of Days to Update: 22

Source: San Diego Border Field Office
Telephone: 760-339-2777
Last EDR Contact: 01/23/2017
Next Scheduled EDR Contact: 05/08/2017
Data Release Frequency: Varies

INYO COUNTY:

CUPA Facility List

Cupa facility list.

Date of Government Version: 09/10/2013
Date Data Arrived at EDR: 09/11/2013
Date Made Active in Reports: 10/14/2013
Number of Days to Update: 33

Source: Inyo County Environmental Health Services
Telephone: 760-878-0238
Last EDR Contact: 12/02/2016
Next Scheduled EDR Contact: 03/06/2017
Data Release Frequency: Varies

KERN COUNTY:

Underground Storage Tank Sites & Tank Listing

Kern County Sites and Tanks Listing.

Date of Government Version: 11/07/2016
Date Data Arrived at EDR: 11/08/2016
Date Made Active in Reports: 01/10/2017
Number of Days to Update: 63

Source: Kern County Environment Health Services Department
Telephone: 661-862-8700
Last EDR Contact: 02/06/2017
Next Scheduled EDR Contact: 05/22/2017
Data Release Frequency: Quarterly

KINGS COUNTY:

CUPA Facility List

A listing of sites included in the county's Certified Unified Program Agency database. California's Secretary for Environmental Protection established the unified hazardous materials and hazardous waste regulatory program as required by chapter 6.11 of the California Health and Safety Code. The Unified Program consolidates the administration, permits, inspections, and enforcement activities.

Date of Government Version: 12/14/2016
Date Data Arrived at EDR: 12/16/2016
Date Made Active in Reports: 12/22/2016
Number of Days to Update: 6

Source: Kings County Department of Public Health
Telephone: 559-584-1411
Last EDR Contact: 11/16/2016
Next Scheduled EDR Contact: 03/06/2017
Data Release Frequency: Varies

LAKE COUNTY:

CUPA Facility List

Cupa facility list

Date of Government Version: 09/08/2016
Date Data Arrived at EDR: 09/09/2016
Date Made Active in Reports: 10/14/2016
Number of Days to Update: 35

Source: Lake County Environmental Health
Telephone: 707-263-1164
Last EDR Contact: 01/17/2017
Next Scheduled EDR Contact: 05/01/2017
Data Release Frequency: Varies

LOS ANGELES COUNTY:

San Gabriel Valley Areas of Concern

San Gabriel Valley areas where VOC contamination is at or above the MCL as designated by region 9 EPA office.

Date of Government Version: 03/30/2009
Date Data Arrived at EDR: 03/31/2009
Date Made Active in Reports: 10/23/2009
Number of Days to Update: 206

Source: EPA Region 9
Telephone: 415-972-3178
Last EDR Contact: 12/15/2016
Next Scheduled EDR Contact: 04/03/2017
Data Release Frequency: No Update Planned

HMS: Street Number List

Industrial Waste and Underground Storage Tank Sites.

Date of Government Version: 11/14/2016
Date Data Arrived at EDR: 11/18/2016
Date Made Active in Reports: 01/23/2017
Number of Days to Update: 66

Source: Department of Public Works
Telephone: 626-458-3517
Last EDR Contact: 01/23/2017
Next Scheduled EDR Contact: 04/24/2017
Data Release Frequency: Semi-Annually

List of Solid Waste Facilities

Solid Waste Facilities in Los Angeles County.

Date of Government Version: 10/17/2016
Date Data Arrived at EDR: 10/18/2016
Date Made Active in Reports: 12/15/2016
Number of Days to Update: 58

Source: La County Department of Public Works
Telephone: 818-458-5185
Last EDR Contact: 01/18/2017
Next Scheduled EDR Contact: 05/01/2017
Data Release Frequency: Varies

City of Los Angeles Landfills

Landfills owned and maintained by the City of Los Angeles.

Date of Government Version: 01/01/2016
Date Data Arrived at EDR: 01/26/2016
Date Made Active in Reports: 03/22/2016
Number of Days to Update: 56

Source: Engineering & Construction Division
Telephone: 213-473-7869
Last EDR Contact: 01/17/2017
Next Scheduled EDR Contact: 05/01/2017
Data Release Frequency: Varies

Site Mitigation List
Industrial sites that have had some sort of spill or complaint.

Date of Government Version: 03/29/2016
Date Data Arrived at EDR: 04/06/2016
Date Made Active in Reports: 06/13/2016
Number of Days to Update: 68
Source: Community Health Services
Telephone: 323-890-7806
Last EDR Contact: 01/17/2017
Next Scheduled EDR Contact: 05/01/2017
Data Release Frequency: Annually

City of El Segundo Underground Storage Tank
Underground storage tank sites located in El Segundo city.

Date of Government Version: 03/30/2015
Date Data Arrived at EDR: 04/02/2015
Date Made Active in Reports: 04/13/2015
Number of Days to Update: 11
Source: City of El Segundo Fire Department
Telephone: 310-524-2236
Last EDR Contact: 01/17/2017
Next Scheduled EDR Contact: 05/01/2017
Data Release Frequency: Semi-Annually

City of Long Beach Underground Storage Tank
Underground storage tank sites located in the city of Long Beach.

Date of Government Version: 11/04/2015
Date Data Arrived at EDR: 11/13/2015
Date Made Active in Reports: 12/17/2015
Number of Days to Update: 34
Source: City of Long Beach Fire Department
Telephone: 562-570-2563
Last EDR Contact: 01/23/2017
Next Scheduled EDR Contact: 05/08/2017
Data Release Frequency: Annually

City of Torrance Underground Storage Tank
Underground storage tank sites located in the city of Torrance.

Date of Government Version: 10/04/2016
Date Data Arrived at EDR: 10/11/2016
Date Made Active in Reports: 01/12/2017
Number of Days to Update: 93
Source: City of Torrance Fire Department
Telephone: 310-618-2973
Last EDR Contact: 01/09/2017
Next Scheduled EDR Contact: 04/24/2017
Data Release Frequency: Semi-Annually

MADERA COUNTY:

CUPA Facility List
A listing of sites included in the county's Certified Unified Program Agency database. California's Secretary for Environmental Protection established the unified hazardous materials and hazardous waste regulatory program as required by chapter 6.11 of the California Health and Safety Code. The Unified Program consolidates the administration, permits, inspections, and enforcement activities.

Date of Government Version: 12/05/2016
Date Data Arrived at EDR: 12/09/2016
Date Made Active in Reports: 01/19/2017
Number of Days to Update: 41
Source: Madera County Environmental Health
Telephone: 559-675-7823
Last EDR Contact: 11/16/2016
Next Scheduled EDR Contact: 03/06/2017
Data Release Frequency: Varies

MARIN COUNTY:

Underground Storage Tank Sites
Currently permitted USTs in Marin County.

Date of Government Version: 10/19/2016
Date Data Arrived at EDR: 10/25/2016
Date Made Active in Reports: 01/12/2017
Number of Days to Update: 79
Source: Public Works Department Waste Management
Telephone: 415-499-6647
Last EDR Contact: 01/17/2017
Next Scheduled EDR Contact: 04/17/2017
Data Release Frequency: Semi-Annually

MERCED COUNTY:

CUPA Facility List
CUPA facility list.

Date of Government Version: 12/02/2016
Date Data Arrived at EDR: 12/06/2016
Date Made Active in Reports: 01/17/2017
Number of Days to Update: 42

Source: Merced County Environmental Health
Telephone: 209-381-1094
Last EDR Contact: 12/02/2016
Next Scheduled EDR Contact: 03/06/2017
Data Release Frequency: Varies

MONO COUNTY:

CUPA Facility List
CUPA Facility List

Date of Government Version: 11/29/2016
Date Data Arrived at EDR: 12/05/2016
Date Made Active in Reports: 12/22/2016
Number of Days to Update: 17

Source: Mono County Health Department
Telephone: 760-932-5580
Last EDR Contact: 11/28/2016
Next Scheduled EDR Contact: 03/13/2017
Data Release Frequency: Varies

MONTEREY COUNTY:

CUPA Facility Listing
CUPA Program listing from the Environmental Health Division.

Date of Government Version: 06/24/2016
Date Data Arrived at EDR: 06/27/2016
Date Made Active in Reports: 08/09/2016
Number of Days to Update: 43

Source: Monterey County Health Department
Telephone: 831-796-1297
Last EDR Contact: 11/21/2016
Next Scheduled EDR Contact: 03/06/2017
Data Release Frequency: Varies

NAPA COUNTY:

Sites With Reported Contamination
A listing of leaking underground storage tank sites located in Napa county.

Date of Government Version: 12/05/2011
Date Data Arrived at EDR: 12/06/2011
Date Made Active in Reports: 02/07/2012
Number of Days to Update: 63

Source: Napa County Department of Environmental Management
Telephone: 707-253-4269
Last EDR Contact: 11/28/2016
Next Scheduled EDR Contact: 03/13/2017
Data Release Frequency: No Update Planned

Closed and Operating Underground Storage Tank Sites
Underground storage tank sites located in Napa county.

Date of Government Version: 01/15/2008
Date Data Arrived at EDR: 01/16/2008
Date Made Active in Reports: 02/08/2008
Number of Days to Update: 23

Source: Napa County Department of Environmental Management
Telephone: 707-253-4269
Last EDR Contact: 01/09/2017
Next Scheduled EDR Contact: 03/13/2017
Data Release Frequency: No Update Planned

NEVADA COUNTY:

CUPA Facility List
CUPA facility list.

Date of Government Version: 11/07/2016
Date Data Arrived at EDR: 11/08/2016
Date Made Active in Reports: 12/22/2016
Number of Days to Update: 44

Source: Community Development Agency
Telephone: 530-265-1467
Last EDR Contact: 01/30/2017
Next Scheduled EDR Contact: 05/08/2017
Data Release Frequency: Varies

ORANGE COUNTY:

List of Industrial Site Cleanups
Petroleum and non-petroleum spills.

Date of Government Version: 11/03/2016
Date Data Arrived at EDR: 11/11/2016
Date Made Active in Reports: 01/23/2017
Number of Days to Update: 73

Source: Health Care Agency
Telephone: 714-834-3446
Last EDR Contact: 02/06/2017
Next Scheduled EDR Contact: 05/22/2017
Data Release Frequency: Annually

List of Underground Storage Tank Cleanups
Orange County Underground Storage Tank Cleanups (LUST).

Date of Government Version: 11/04/2016
Date Data Arrived at EDR: 11/11/2016
Date Made Active in Reports: 01/23/2017
Number of Days to Update: 73

Source: Health Care Agency
Telephone: 714-834-3446
Last EDR Contact: 02/06/2017
Next Scheduled EDR Contact: 05/22/2017
Data Release Frequency: Quarterly

List of Underground Storage Tank Facilities
Orange County Underground Storage Tank Facilities (UST).

Date of Government Version: 11/03/2016
Date Data Arrived at EDR: 11/08/2016
Date Made Active in Reports: 01/12/2017
Number of Days to Update: 65

Source: Health Care Agency
Telephone: 714-834-3446
Last EDR Contact: 02/07/2017
Next Scheduled EDR Contact: 05/22/2017
Data Release Frequency: Quarterly

PLACER COUNTY:

Master List of Facilities
List includes aboveground tanks, underground tanks and cleanup sites.

Date of Government Version: 09/02/2016
Date Data Arrived at EDR: 09/06/2016
Date Made Active in Reports: 10/14/2016
Number of Days to Update: 38

Source: Placer County Health and Human Services
Telephone: 530-745-2363
Last EDR Contact: 12/02/2016
Next Scheduled EDR Contact: 03/20/2017
Data Release Frequency: Semi-Annually

RIVERSIDE COUNTY:

Listing of Underground Tank Cleanup Sites
Riverside County Underground Storage Tank Cleanup Sites (LUST).

Date of Government Version: 10/20/2016
Date Data Arrived at EDR: 10/25/2016
Date Made Active in Reports: 12/15/2016
Number of Days to Update: 51

Source: Department of Environmental Health
Telephone: 951-358-5055
Last EDR Contact: 12/19/2016
Next Scheduled EDR Contact: 04/03/2017
Data Release Frequency: Quarterly

Underground Storage Tank Tank List
Underground storage tank sites located in Riverside county.

Date of Government Version: 10/20/2016
Date Data Arrived at EDR: 10/25/2016
Date Made Active in Reports: 01/10/2017
Number of Days to Update: 77
Source: Department of Environmental Health
Telephone: 951-358-5055
Last EDR Contact: 12/19/2016
Next Scheduled EDR Contact: 04/03/2017
Data Release Frequency: Quarterly

SACRAMENTO COUNTY:

Toxic Site Clean-Up List
List of sites where unauthorized releases of potentially hazardous materials have occurred.

Date of Government Version: 08/22/2016
Date Data Arrived at EDR: 10/04/2016
Date Made Active in Reports: 11/18/2016
Number of Days to Update: 45
Source: Sacramento County Environmental Management
Telephone: 916-875-8406
Last EDR Contact: 01/05/2017
Next Scheduled EDR Contact: 04/17/2017
Data Release Frequency: Quarterly

Master Hazardous Materials Facility List
Any business that has hazardous materials on site - hazardous material storage sites, underground storage tanks, waste generators.

Date of Government Version: 08/22/2016
Date Data Arrived at EDR: 10/04/2016
Date Made Active in Reports: 12/16/2016
Number of Days to Update: 73
Source: Sacramento County Environmental Management
Telephone: 916-875-8406
Last EDR Contact: 01/05/2017
Next Scheduled EDR Contact: 04/17/2017
Data Release Frequency: Quarterly

SAN BERNARDINO COUNTY:

Hazardous Material Permits
This listing includes underground storage tanks, medical waste handlers/generators, hazardous materials handlers, hazardous waste generators, and waste oil generators/handlers.

Date of Government Version: 09/06/2016
Date Data Arrived at EDR: 09/07/2016
Date Made Active in Reports: 10/19/2016
Number of Days to Update: 42
Source: San Bernardino County Fire Department Hazardous Materials Division
Telephone: 909-387-3041
Last EDR Contact: 02/06/2017
Next Scheduled EDR Contact: 05/22/2017
Data Release Frequency: Quarterly

SAN DIEGO COUNTY:

Hazardous Materials Management Division Database
The database includes: HE58 - This report contains the business name, site address, business phone number, establishment 'H' permit number, type of permit, and the business status. HE17 - In addition to providing the same information provided in the HE58 listing, HE17 provides inspection dates, violations received by the establishment, hazardous waste generated, the quantity, method of storage, treatment/disposal of waste and the hauler, and information on underground storage tanks. Unauthorized Release List - Includes a summary of environmental contamination cases in San Diego County (underground tank cases, non-tank cases, groundwater contamination, and soil contamination are included.)

Date of Government Version: 09/23/2013
Date Data Arrived at EDR: 09/24/2013
Date Made Active in Reports: 10/17/2013
Number of Days to Update: 23
Source: Hazardous Materials Management Division
Telephone: 619-338-2268
Last EDR Contact: 12/06/2016
Next Scheduled EDR Contact: 03/20/2017
Data Release Frequency: Quarterly

Solid Waste Facilities
San Diego County Solid Waste Facilities.

Date of Government Version: 10/31/2015
Date Data Arrived at EDR: 11/07/2015
Date Made Active in Reports: 01/04/2016
Number of Days to Update: 58
Source: Department of Health Services
Telephone: 619-338-2209
Last EDR Contact: 01/23/2017
Next Scheduled EDR Contact: 05/08/2017
Data Release Frequency: Varies

Environmental Case Listing
The listing contains all underground tank release cases and projects pertaining to properties contaminated with hazardous substances that are actively under review by the Site Assessment and Mitigation Program.

Date of Government Version: 03/23/2010
Date Data Arrived at EDR: 06/15/2010
Date Made Active in Reports: 07/09/2010
Number of Days to Update: 24
Source: San Diego County Department of Environmental Health
Telephone: 619-338-2371
Last EDR Contact: 12/02/2016
Next Scheduled EDR Contact: 03/20/2017
Data Release Frequency: No Update Planned

SAN FRANCISCO COUNTY:

Local Oversite Facilities
A listing of leaking underground storage tank sites located in San Francisco county.

Date of Government Version: 09/19/2008
Date Data Arrived at EDR: 09/19/2008
Date Made Active in Reports: 09/29/2008
Number of Days to Update: 10
Source: Department Of Public Health San Francisco County
Telephone: 415-252-3920
Last EDR Contact: 02/03/2017
Next Scheduled EDR Contact: 05/22/2017
Data Release Frequency: Quarterly

Underground Storage Tank Information
Underground storage tank sites located in San Francisco county.

Date of Government Version: 11/16/2016
Date Data Arrived at EDR: 11/21/2016
Date Made Active in Reports: 01/12/2017
Number of Days to Update: 52
Source: Department of Public Health
Telephone: 415-252-3920
Last EDR Contact: 02/06/2017
Next Scheduled EDR Contact: 05/22/2017
Data Release Frequency: Quarterly

SAN JOAQUIN COUNTY:

San Joaquin Co. UST
A listing of underground storage tank locations in San Joaquin county.

Date of Government Version: 09/21/2016
Date Data Arrived at EDR: 09/22/2016
Date Made Active in Reports: 10/18/2016
Number of Days to Update: 26
Source: Environmental Health Department
Telephone: N/A
Last EDR Contact: 12/15/2016
Next Scheduled EDR Contact: 04/03/2017
Data Release Frequency: Semi-Annually

SAN LUIS OBISPO COUNTY:

CUPA Facility List
Cupa Facility List.

Date of Government Version: 11/17/2016
Date Data Arrived at EDR: 11/21/2016
Date Made Active in Reports: 01/19/2017
Number of Days to Update: 59
Source: San Luis Obispo County Public Health Department
Telephone: 805-781-5596
Last EDR Contact: 11/16/2016
Next Scheduled EDR Contact: 03/06/2017
Data Release Frequency: Varies

SAN MATEO COUNTY:

Business Inventory
List includes Hazardous Materials Business Plan, hazardous waste generators, and underground storage tanks.

Date of Government Version: 06/02/2016
Date Data Arrived at EDR: 06/07/2016
Date Made Active in Reports: 06/22/2016
Number of Days to Update: 15
Source: San Mateo County Environmental Health Services Division
Telephone: 650-363-1921
Last EDR Contact: 01/30/2017
Next Scheduled EDR Contact: 03/20/2017
Data Release Frequency: Annually

Fuel Leak List
A listing of leaking underground storage tank sites located in San Mateo county.

Date of Government Version: 06/09/2016
Date Data Arrived at EDR: 06/13/2016
Date Made Active in Reports: 08/09/2016
Number of Days to Update: 57
Source: San Mateo County Environmental Health Services Division
Telephone: 650-363-1921
Last EDR Contact: 12/09/2016
Next Scheduled EDR Contact: 03/27/2017
Data Release Frequency: Semi-Annually

SANTA BARBARA COUNTY:

CUPA Facility Listing
CUPA Program Listing from the Environmental Health Services division.

Date of Government Version: 09/08/2011
Date Data Arrived at EDR: 09/09/2011
Date Made Active in Reports: 10/07/2011
Number of Days to Update: 28
Source: Santa Barbara County Public Health Department
Telephone: 805-686-8167
Last EDR Contact: 11/16/2016
Next Scheduled EDR Contact: 03/06/2017
Data Release Frequency: Varies

SANTA CLARA COUNTY:

Cupa Facility List
Cupa facility list

Date of Government Version: 11/16/2016
Date Data Arrived at EDR: 11/21/2016
Date Made Active in Reports: 01/19/2017
Number of Days to Update: 59
Source: Department of Environmental Health
Telephone: 408-918-1973
Last EDR Contact: 11/16/2016
Next Scheduled EDR Contact: 03/06/2017
Data Release Frequency: Varies

HIST LUST - Fuel Leak Site Activity Report
A listing of open and closed leaking underground storage tanks. This listing is no longer updated by the county. Leaking underground storage tanks are now handled by the Department of Environmental Health.

Date of Government Version: 03/29/2005
Date Data Arrived at EDR: 03/30/2005
Date Made Active in Reports: 04/21/2005
Number of Days to Update: 22
Source: Santa Clara Valley Water District
Telephone: 408-265-2600
Last EDR Contact: 03/23/2009
Next Scheduled EDR Contact: 06/22/2009
Data Release Frequency: No Update Planned

LOP Listing
A listing of leaking underground storage tanks located in Santa Clara county.

Date of Government Version: 03/03/2014
Date Data Arrived at EDR: 03/05/2014
Date Made Active in Reports: 03/18/2014
Number of Days to Update: 13
Source: Department of Environmental Health
Telephone: 408-918-3417
Last EDR Contact: 11/28/2016
Next Scheduled EDR Contact: 03/13/2017
Data Release Frequency: Annually

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Hazardous Material Facilities
Hazardous material facilities, including underground storage tank sites.

Date of Government Version: 11/07/2016
Date Data Arrived at EDR: 11/10/2016
Date Made Active in Reports: 01/24/2017
Number of Days to Update: 75

Source: City of San Jose Fire Department
Telephone: 408-535-7694
Last EDR Contact: 02/06/2017
Next Scheduled EDR Contact: 05/22/2017
Data Release Frequency: Annually

SANTA CRUZ COUNTY:

CUPA Facility List
CUPA facility listing.

Date of Government Version: 11/16/2016
Date Data Arrived at EDR: 11/21/2016
Date Made Active in Reports: 01/19/2017
Number of Days to Update: 59

Source: Santa Cruz County Environmental Health
Telephone: 831-464-2761
Last EDR Contact: 11/16/2016
Next Scheduled EDR Contact: 03/06/2017
Data Release Frequency: Varies

SHASTA COUNTY:

CUPA Facility List
Cupa Facility List.

Date of Government Version: 09/12/2016
Date Data Arrived at EDR: 09/15/2016
Date Made Active in Reports: 10/14/2016
Number of Days to Update: 29

Source: Shasta County Department of Resource Management
Telephone: 530-225-5789
Last EDR Contact: 11/21/2016
Next Scheduled EDR Contact: 03/06/2017
Data Release Frequency: Varies

SOLANO COUNTY:

Leaking Underground Storage Tanks
A listing of leaking underground storage tank sites located in Solano county.

Date of Government Version: 11/29/2016
Date Data Arrived at EDR: 12/21/2016
Date Made Active in Reports: 12/22/2016
Number of Days to Update: 1

Source: Solano County Department of Environmental Management
Telephone: 707-784-6770
Last EDR Contact: 12/09/2016
Next Scheduled EDR Contact: 03/27/2017
Data Release Frequency: Quarterly

Underground Storage Tanks
Underground storage tank sites located in Solano county.

Date of Government Version: 11/29/2016
Date Data Arrived at EDR: 12/22/2016
Date Made Active in Reports: 01/10/2017
Number of Days to Update: 19

Source: Solano County Department of Environmental Management
Telephone: 707-784-6770
Last EDR Contact: 12/09/2016
Next Scheduled EDR Contact: 03/27/2017
Data Release Frequency: Quarterly

SONOMA COUNTY:

Cupa Facility List
Cupa Facility list

Date of Government Version: 09/27/2016
Date Data Arrived at EDR: 09/28/2016
Date Made Active in Reports: 11/22/2016
Number of Days to Update: 55

Source: County of Sonoma Fire & Emergency Services Department
Telephone: 707-565-1174
Last EDR Contact: 12/22/2016
Next Scheduled EDR Contact: 04/10/2017
Data Release Frequency: Varies

Leaking Underground Storage Tank Sites

A listing of leaking underground storage tank sites located in Sonoma county.

Date of Government Version: 10/04/2016
Date Data Arrived at EDR: 10/06/2016
Date Made Active in Reports: 12/16/2016
Number of Days to Update: 71

Source: Department of Health Services
Telephone: 707-565-6565
Last EDR Contact: 12/22/2016
Next Scheduled EDR Contact: 04/10/2017
Data Release Frequency: Quarterly

SUTTER COUNTY:

Underground Storage Tanks

Underground storage tank sites located in Sutter county.

Date of Government Version: 12/02/2016
Date Data Arrived at EDR: 12/06/2016
Date Made Active in Reports: 01/10/2017
Number of Days to Update: 35

Source: Sutter County Department of Agriculture
Telephone: 530-822-7500
Last EDR Contact: 12/02/2016
Next Scheduled EDR Contact: 03/20/2017
Data Release Frequency: Semi-Annually

TUOLUMNE COUNTY:

CUPA Facility List

Cupa facility list

Date of Government Version: 10/27/2016
Date Data Arrived at EDR: 10/28/2016
Date Made Active in Reports: 01/10/2017
Number of Days to Update: 74

Source: Divison of Environmental Health
Telephone: 209-533-5633
Last EDR Contact: 01/23/2017
Next Scheduled EDR Contact: 05/08/2017
Data Release Frequency: Varies

VENTURA COUNTY:

Business Plan, Hazardous Waste Producers, and Operating Underground Tanks

The BWT list indicates by site address whether the Environmental Health Division has Business Plan (B), Waste Producer (W), and/or Underground Tank (T) information.

Date of Government Version: 09/26/2016
Date Data Arrived at EDR: 10/27/2016
Date Made Active in Reports: 01/17/2017
Number of Days to Update: 82

Source: Ventura County Environmental Health Division
Telephone: 805-654-2813
Last EDR Contact: 01/23/2017
Next Scheduled EDR Contact: 05/08/2017
Data Release Frequency: Quarterly

Inventory of Illegal Abandoned and Inactive Sites

Ventura County Inventory of Closed, Illegal Abandoned, and Inactive Sites.

Date of Government Version: 12/01/2011
Date Data Arrived at EDR: 12/01/2011
Date Made Active in Reports: 01/19/2012
Number of Days to Update: 49

Source: Environmental Health Division
Telephone: 805-654-2813
Last EDR Contact: 12/30/2016
Next Scheduled EDR Contact: 04/10/2017
Data Release Frequency: Annually

Listing of Underground Tank Cleanup Sites
Ventura County Underground Storage Tank Cleanup Sites (LUST).

Date of Government Version: 05/29/2008
Date Data Arrived at EDR: 06/24/2008
Date Made Active in Reports: 07/31/2008
Number of Days to Update: 37
Source: Environmental Health Division
Telephone: 805-654-2813
Last EDR Contact: 11/14/2016
Next Scheduled EDR Contact: 02/27/2017
Data Release Frequency: Quarterly

Medical Waste Program List
To protect public health and safety and the environment from potential exposure to disease causing agents, the Environmental Health Division Medical Waste Program regulates the generation, handling, storage, treatment and disposal of medical waste throughout the County.

Date of Government Version: 09/26/2016
Date Data Arrived at EDR: 10/27/2016
Date Made Active in Reports: 01/24/2017
Number of Days to Update: 89
Source: Ventura County Resource Management Agency
Telephone: 805-654-2813
Last EDR Contact: 01/23/2017
Next Scheduled EDR Contact: 05/08/2017
Data Release Frequency: Quarterly

Underground Tank Closed Sites List
Ventura County Operating Underground Storage Tank Sites (UST)/Underground Tank Closed Sites List.

Date of Government Version: 11/28/2016
Date Data Arrived at EDR: 12/14/2016
Date Made Active in Reports: 01/12/2017
Number of Days to Update: 29
Source: Environmental Health Division
Telephone: 805-654-2813
Last EDR Contact: 12/14/2016
Next Scheduled EDR Contact: 03/27/2017
Data Release Frequency: Quarterly

YOLO COUNTY:

Underground Storage Tank Comprehensive Facility Report
Underground storage tank sites located in Yolo county.

Date of Government Version: 11/14/2016
Date Data Arrived at EDR: 11/18/2016
Date Made Active in Reports: 01/12/2017
Number of Days to Update: 55
Source: Yolo County Department of Health
Telephone: 530-666-8646
Last EDR Contact: 01/03/2017
Next Scheduled EDR Contact: 04/17/2017
Data Release Frequency: Annually

YUBA COUNTY:

CUPA Facility List
CUPA facility listing for Yuba County.

Date of Government Version: 10/28/2016
Date Data Arrived at EDR: 11/03/2016
Date Made Active in Reports: 12/15/2016
Number of Days to Update: 42
Source: Yuba County Environmental Health Department
Telephone: 530-749-7523
Last EDR Contact: 01/30/2017
Next Scheduled EDR Contact: 05/08/2017
Data Release Frequency: Varies

OTHER DATABASE(S)

Depending on the geographic area covered by this report, the data provided in these specialty databases may or may not be complete. For example, the existence of wetlands information data in a specific report does not mean that all wetlands in the area covered by the report are included. Moreover, the absence of any reported wetlands information does not necessarily mean that wetlands do not exist in the area covered by the report.

CT MANIFEST: Hazardous Waste Manifest Data

Facility and manifest data. Manifest is a document that lists and tracks hazardous waste from the generator through transporters to a tsd facility.

Date of Government Version: 07/30/2013
Date Data Arrived at EDR: 08/19/2013
Date Made Active in Reports: 10/03/2013
Number of Days to Update: 45

Source: Department of Energy & Environmental Protection
Telephone: 860-424-3375
Last EDR Contact: 11/11/2016
Next Scheduled EDR Contact: 02/27/2017
Data Release Frequency: No Update Planned

NJ MANIFEST: Manifest Information

Hazardous waste manifest information.

Date of Government Version: 12/31/2015
Date Data Arrived at EDR: 09/29/2016
Date Made Active in Reports: 01/03/2017
Number of Days to Update: 96

Source: Department of Environmental Protection
Telephone: N/A
Last EDR Contact: 01/09/2017
Next Scheduled EDR Contact: 04/24/2017
Data Release Frequency: Annually

NY MANIFEST: Facility and Manifest Data

Manifest is a document that lists and tracks hazardous waste from the generator through transporters to a TSD facility.

Date of Government Version: 10/01/2016
Date Data Arrived at EDR: 11/02/2016
Date Made Active in Reports: 01/04/2017
Number of Days to Update: 63

Source: Department of Environmental Conservation
Telephone: 518-402-8651
Last EDR Contact: 02/01/2017
Next Scheduled EDR Contact: 05/08/2017
Data Release Frequency: Annually

PA MANIFEST: Manifest Information

Hazardous waste manifest information.

Date of Government Version: 12/31/2015
Date Data Arrived at EDR: 07/22/2016
Date Made Active in Reports: 11/22/2016
Number of Days to Update: 123

Source: Department of Environmental Protection
Telephone: 717-783-8990
Last EDR Contact: 01/12/2017
Next Scheduled EDR Contact: 05/01/2017
Data Release Frequency: Annually

RI MANIFEST: Manifest information

Hazardous waste manifest information

Date of Government Version: 12/31/2013
Date Data Arrived at EDR: 06/19/2015
Date Made Active in Reports: 07/15/2015
Number of Days to Update: 26

Source: Department of Environmental Management
Telephone: 401-222-2797
Last EDR Contact: 11/21/2016
Next Scheduled EDR Contact: 03/06/2017
Data Release Frequency: Annually

WI MANIFEST: Manifest Information

Hazardous waste manifest information.

Date of Government Version: 12/31/2015
Date Data Arrived at EDR: 04/14/2016
Date Made Active in Reports: 06/03/2016
Number of Days to Update: 50

Source: Department of Natural Resources
Telephone: N/A
Last EDR Contact: 12/12/2016
Next Scheduled EDR Contact: 03/27/2017
Data Release Frequency: Annually

Oil/Gas Pipelines

Source: PennWell Corporation

Petroleum Bundle (Crude Oil, Refined Products, Petrochemicals, Gas Liquids (LPG/NGL), and Specialty Gases (Miscellaneous)) N = Natural Gas Bundle (Natural Gas, Gas Liquids (LPG/NGL), and Specialty Gases (Miscellaneous)). This map includes information copyrighted by PennWell Corporation. This information is provided on a best effort basis and PennWell Corporation does not guarantee its accuracy nor warrant its fitness for any particular purpose. Such information has been reprinted with the permission of PennWell.

Electric Power Transmission Line Data

Source: PennWell Corporation

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GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Sensitive Receptors: There are individuals deemed sensitive receptors due to their fragile immune systems and special sensitivity to environmental discharges. These sensitive receptors typically include the elderly, the sick, and children. While the location of all sensitive receptors cannot be determined, EDR indicates those buildings and facilities - schools, daycares, hospitals, medical centers, and nursing homes - where individuals who are sensitive receptors are likely to be located.

AHA Hospitals:
Source: American Hospital Association, Inc.
Telephone: 312-280-5991
The database includes a listing of hospitals based on the American Hospital Association's annual survey of hospitals.

Medical Centers: Provider of Services Listing
Source: Centers for Medicare & Medicaid Services
Telephone: 410-786-3000
A listing of hospitals with Medicare provider number, produced by Centers of Medicare & Medicaid Services, a federal agency within the U.S. Department of Health and Human Services.

Nursing Homes
Source: National Institutes of Health
Telephone: 301-594-6248
Information on Medicare and Medicaid certified nursing homes in the United States.

Public Schools
Source: National Center for Education Statistics
Telephone: 202-502-7300
The National Center for Education Statistics' primary database on elementary and secondary public education in the United States. It is a comprehensive, annual, national statistical database of all public elementary and secondary schools and school districts, which contains data that are comparable across all states.

Private Schools
Source: National Center for Education Statistics
Telephone: 202-502-7300
The National Center for Education Statistics' primary database on private school locations in the United States.

Daycare Centers: Licensed Facilities
Source: Department of Social Services
Telephone: 916-657-4041

Flood Zone Data: This data was obtained from the Federal Emergency Management Agency (FEMA). It depicts 100-year and 500-year flood zones as defined by FEMA. It includes the National Flood Hazard Layer (NFHL) which incorporates Flood Insurance Rate Map (FIRM) data and Q3 data from FEMA in areas not covered by NFHL.
Source: FEMA
Telephone: 877-336-2627
Date of Government Version: 2003, 2015

NWI: National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 2002, 2005 and 2010 from the U.S. Fish and Wildlife Service.

State Wetlands Data: Wetland Inventory
Source: Department of Fish & Game
Telephone: 916-445-0411

Current USGS 7.5 Minute Topographic Map
Source: U.S. Geological Survey

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

STREET AND ADDRESS INFORMATION

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GEOCHECK ®- PHYSICAL SETTING SOURCE ADDENDUM

TARGET PROPERTY ADDRESS

WESTLAKE CENTER
WESTLAKE CENTER
DALY CITY, CA 94015

TARGET PROPERTY COORDINATES

Latitude (North):	37.70133 - 37° 42' 4.79''
Longitude (West):	122.482253 - 122° 28' 56.11''
Universal Tranverse Mercator:	Zone 10
UTM X (Meters):	545641.8
UTM Y (Meters):	4172599.0
Elevation:	90 ft. above sea level

USGS TOPOGRAPHIC MAP

Target Property Map:	5641126 SAN FRANCISCO SOUTH, CA
Version Date:	2012
West Map:	5640630 SAN FRANCISCO SOUTH OE W, CA
Version Date:	2012

EDR's GeoCheck Physical Setting Source Addendum is provided to assist the environmental professional in forming an opinion about the impact of potential contaminant migration.

Assessment of the impact of contaminant migration generally has two principal investigative components:

1. Groundwater flow direction, and
2. Groundwater flow velocity.

Groundwater flow direction may be impacted by surface topography, hydrology, hydrogeology, characteristics of the soil, and nearby wells. Groundwater flow velocity is generally impacted by the nature of the geologic strata.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

GROUNDWATER FLOW DIRECTION INFORMATION

Groundwater flow direction for a particular site is best determined by a qualified environmental professional using site-specific well data. If such data is not reasonably ascertainable, it may be necessary to rely on other sources of information, such as surface topographic information, hydrologic information, hydrogeologic data collected on nearby properties, and regional groundwater flow information (from deep aquifers).

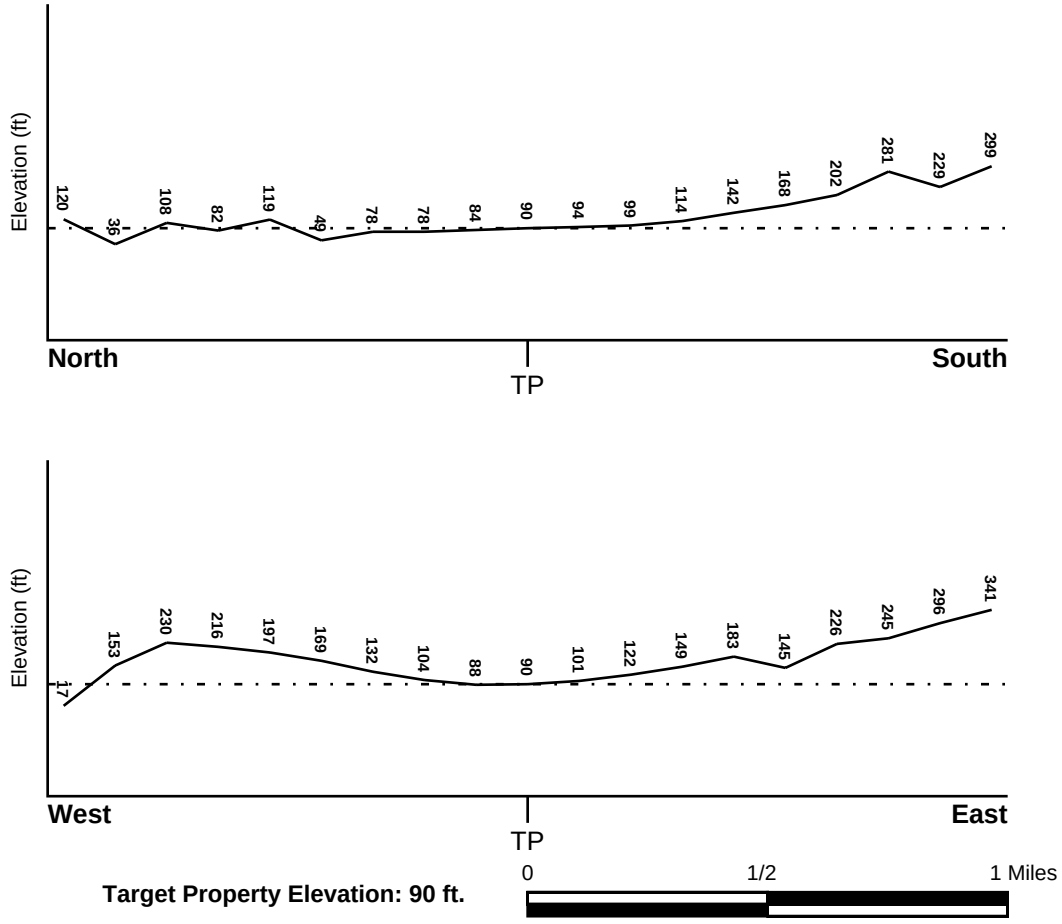
TOPOGRAPHIC INFORMATION

Surface topography may be indicative of the direction of surficial groundwater flow. This information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

TARGET PROPERTY TOPOGRAPHY

General Topographic Gradient: General NW

SURROUNDING TOPOGRAPHY: ELEVATION PROFILES



Target Property Elevation: 90 ft.

Source: Topography has been determined from the USGS 7.5' Digital Elevation Model and should be evaluated on a relative (not an absolute) basis. Relative elevation information between sites of close proximity should be field verified.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

HYDROLOGIC INFORMATION

Surface water can act as a hydrologic barrier to groundwater flow. Such hydrologic information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

Refer to the Physical Setting Source Map following this summary for hydrologic information (major waterways and bodies of water).

FEMA FLOOD ZONE

Flood Plain Panel at Target Property	FEMA Source Type
06081C0030E	FEMA FIRM Flood data

Additional Panels in search area:	FEMA Source Type
06081C0010E	FEMA FIRM Flood data
06081C0036E	FEMA FIRM Flood data

NATIONAL WETLAND INVENTORY

NWI Quad at Target Property	NWI Electronic Data Coverage
SAN FRANCISCO SOUTH	YES - refer to the Overview Map and Detail Map

HYDROGEOLOGIC INFORMATION

Hydrogeologic information obtained by installation of wells on a specific site can often be an indicator of groundwater flow direction in the immediate area. Such hydrogeologic information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

Site-Specific Hydrogeological Data*:

Search Radius:	1.25 miles
Status:	Not found

AQUIFLOW®

Search Radius: 1.000 Mile.

EDR has developed the AQUIFLOW Information System to provide data on the general direction of groundwater flow at specific points. EDR has reviewed reports submitted by environmental professionals to regulatory authorities at select sites and has extracted the date of the report, groundwater flow direction as determined hydrogeologically, and the depth to water table.

MAP ID	LOCATION FROM TP	GENERAL DIRECTION GROUNDWATER FLOW
2	1/4 - 1/2 Mile SSW	S
A4	1/4 - 1/2 Mile NNW	SSW
9	1/4 - 1/2 Mile SW	E
15	1/2 - 1 Mile East	Varies

For additional site information, refer to Physical Setting Source Map Findings.

* ©1996 Site−specific hydrogeological data gathered by CERCLIS Alerts, Inc., Bainbridge Island, WA. All rights reserved. All of the information and opinions presented are those of the cited EPA report(s), which were completed under a Comprehensive Environmental Response Compensation and Liability Information System (CERCLIS) investigation.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

GROUNDWATER FLOW VELOCITY INFORMATION

Groundwater flow velocity information for a particular site is best determined by a qualified environmental professional using site specific geologic and soil strata data. If such data are not reasonably ascertainable, it may be necessary to rely on other sources of information, including geologic age identification, rock stratigraphic unit and soil characteristics data collected on nearby properties and regional soil information. In general, contaminant plumes move more quickly through sandy-gravelly types of soils than silty-clayey types of soils.

GEOLOGIC INFORMATION IN GENERAL AREA OF TARGET PROPERTY

Geologic information can be used by the environmental professional in forming an opinion about the relative speed at which contaminant migration may be occurring.

ROCK STRATIGRAPHIC UNIT

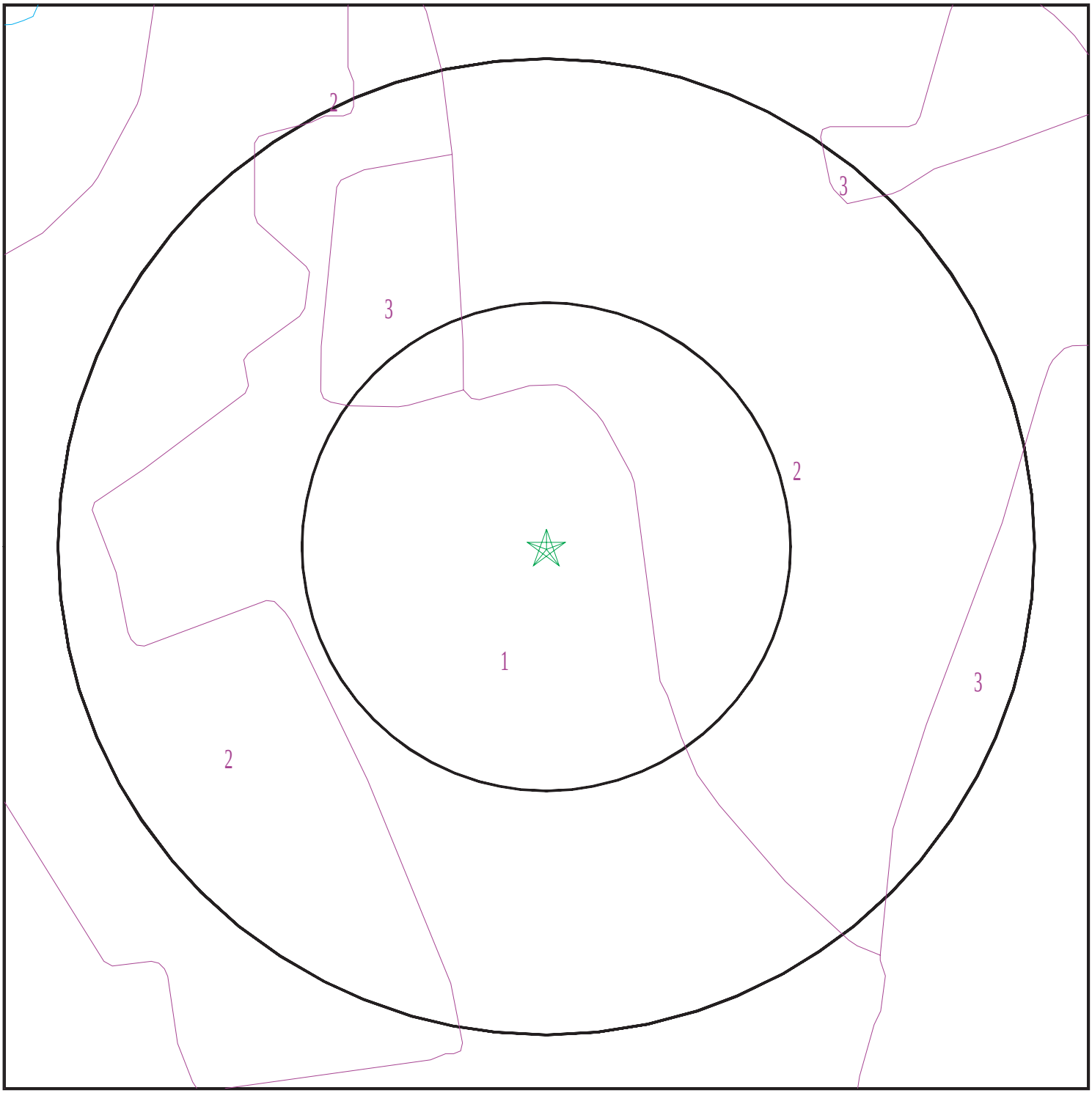
Era:	Cenozoic
System:	Quaternary
Series:	Quaternary
Code:	Q *(decoded above as Era, System & Series)*

GEOLOGIC AGE IDENTIFICATION

Category: Stratifed Sequence

Geologic Age and Rock Stratigraphic Unit Source: P.G. Schruben, R.E. Arndt and W.J. Bawiec, Geology of the Conterminous U.S. at 1:2,500,000 Scale - a digital representation of the 1974 P.B. King and H.M. Beikman Map, USGS Digital Data Series DDS - 11 (1994).

SSURGO SOIL MAP - 4851929.2s



Target Property
SSURGO Soil
Water

0 1/16 1/8 1/4 Miles

N

SITE NAME:	Westlake Center	CLIENT:	Roux Associates Inc
ADDRESS:	Westlake Center Daly City CA 94015	CONTACT:	Gabe Matson
		INQUIRY #:	4851929.2s
LAT/LONG:	37.70133 / 122.482253	DATE:	February 10, 2017 7:55 pm

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GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

DOMINANT SOIL COMPOSITION IN GENERAL AREA OF TARGET PROPERTY

The U.S. Department of Agriculture's (USDA) Soil Conservation Service (SCS) leads the National Cooperative Soil Survey (NCSS) and is responsible for collecting, storing, maintaining and distributing soil survey information for privately owned lands in the United States. A soil map in a soil survey is a representation of soil patterns in a landscape. The following information is based on Soil Conservation Service SSURGO data.

Soil Map ID: 1

Soil Component Name: Urban land

Soil Surface Texture:
Hydrologic Group: Class D - Very slow infiltration rates. Soils are clayey, have a high water table, or are shallow to an impervious layer.

Soil Drainage Class:
Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: Not Reported

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

Soil Layer Information							
	Boundary			Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil		
1	0 inches	5 inches		Not reported	Not reported	Max: 0.01 Min: 0	Max: Min:

Soil Map ID: 2

Soil Component Name: Urban land

Soil Surface Texture:
Hydrologic Group: Class D - Very slow infiltration rates. Soils are clayey, have a high water table, or are shallow to an impervious layer.

Soil Drainage Class:
Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: Not Reported

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Soil Layer Information							
	Boundary			Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil		
1	0 inches	5 inches		Not reported	Not reported	Max: 0.01 Min: 0	Max: Min:

Soil Map ID: 3

Soil Component Name: Orthents

Soil Surface Texture: variable

Hydrologic Group: Class B - Moderate infiltration rates. Deep and moderately deep, moderately well and well drained soils with moderately coarse textures.

Soil Drainage Class: Well drained

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: Not Reported

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

Soil Layer Information							
	Boundary			Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil		
1	0 inches	59 inches	variable	Not reported	Not reported	Max: Min:	Max: Min:

LOCAL / REGIONAL WATER AGENCY RECORDS

EDR Local/Regional Water Agency records provide water well information to assist the environmental professional in assessing sources that may impact ground water flow direction, and in forming an opinion about the impact of contaminant migration on nearby drinking water wells.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

WELL SEARCH DISTANCE INFORMATION

DATABASE	SEARCH DISTANCE (miles)
Federal USGS	1.000
Federal FRDS PWS	Nearest PWS within 0.001 miles
State Database	1.000

FEDERAL USGS WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
1	USGS40000185040	1/8 - 1/4 Mile NW
B5	USGS40000185064	1/4 - 1/2 Mile NNW
7	USGS40000185069	1/4 - 1/2 Mile North
B8	USGS40000185061	1/4 - 1/2 Mile NNW
11	USGS40000185071	1/2 - 1 Mile NNW
C12	USGS40000185088	1/2 - 1 Mile NNE
C13	USGS40000185090	1/2 - 1 Mile NNE
C14	USGS40000185089	1/2 - 1 Mile NNE
D16	USGS40000184989	1/2 - 1 Mile ESE
D17	USGS40000184992	1/2 - 1 Mile ESE

FEDERAL FRDS PUBLIC WATER SUPPLY SYSTEM INFORMATION

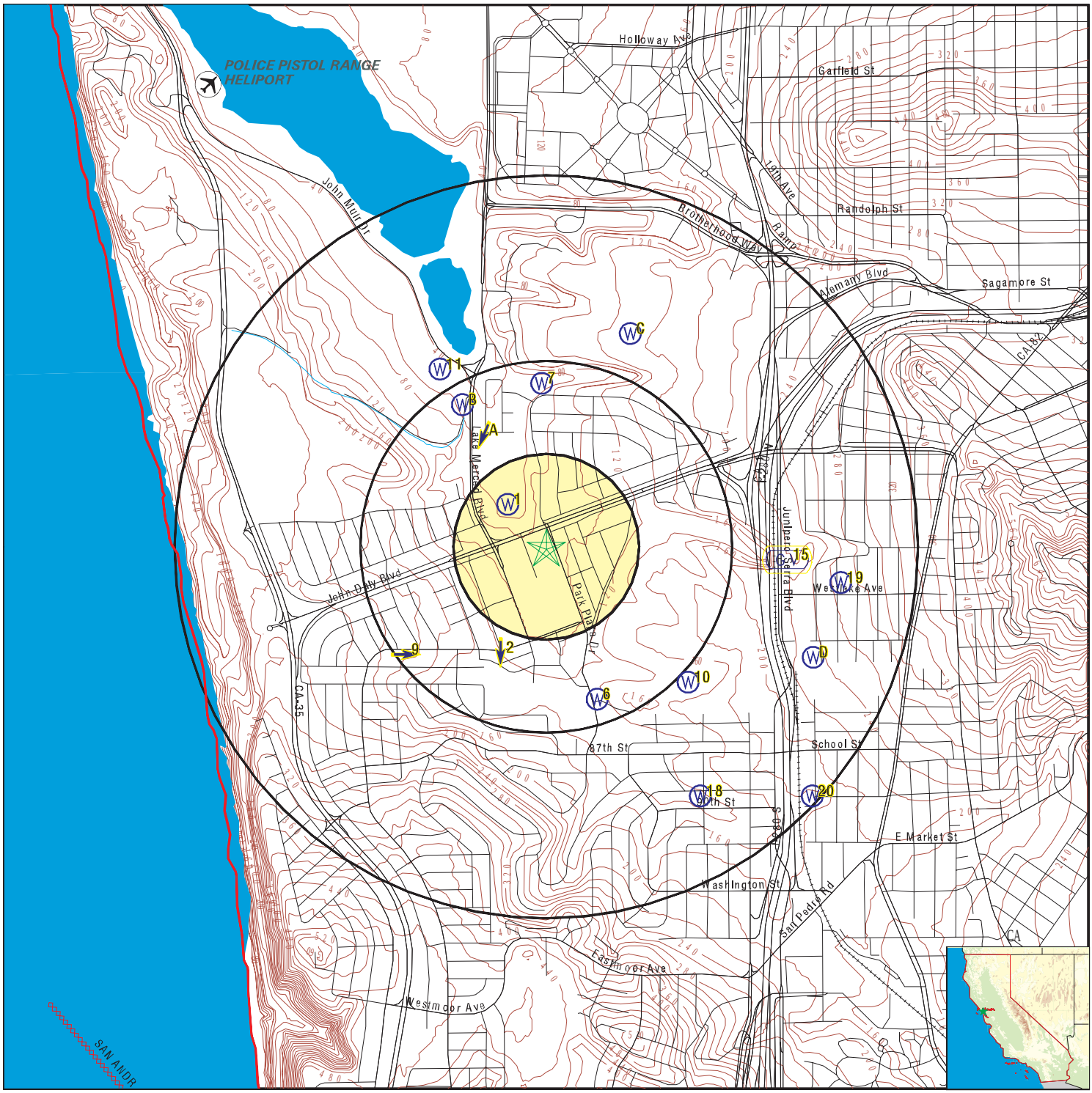
MAP ID	WELL ID	LOCATION FROM TP
No PWS System Found		

Note: PWS System location is not always the same as well location.

STATE DATABASE WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
A3	CADW60000005293	1/4 - 1/2 Mile NNW
6	CADW60000005921	1/4 - 1/2 Mile SSE
10	3563	1/2 - 1 Mile SE
18	3568	1/2 - 1 Mile SSE
19	3566	1/2 - 1 Mile East
20	3567	1/2 - 1 Mile SE

PHYSICAL SETTING SOURCE MAP - 4851929.2s



- County Boundary
- Major Roads
- Contour Lines
- Earthquake Fault Lines
- Airports
- Earthquake epicenter, Richter 5 or greater
- Water Wells
- Public Water Supply Wells
- Cluster of Multiple Icons

- Groundwater Flow Direction
- GI Indeterminate Groundwater Flow at Location
- GV Groundwater Flow Varies at Location
- HD Closest Hydrogeological Data
- Oil, gas or related wells

SITE NAME:	Westlake Center	CLIENT:	Roux Associates Inc
ADDRESS:	Westlake Center Daly City CA 94015	CONTACT:	Gabe Matson
LAT/LONG:	37.70133 / 122.482253	INQUIRY #:	4851929.2s
		DATE:	February 10, 2017 7:55 pm

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GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

	Database	EDR ID Number
1 **NW** **1/8 - 1/4 Mile** **Lower**	**FED USGS**	**USGS40000185040**

Org. Identifier:	USGS-CA		
Formal name:	USGS California Water Science Center		
Monloc Identifier:	USGS-374211122285901		
Monloc name:	003S006W02H001M		
Monloc type:	Well		
Monloc desc:	SURVEYED ALTITUDE OF MP IS CONSIDERED TO BE LSD.		
Huc code:	18050006	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	37.7029882
Longitude:	-122.4841393	Sourcemap scale:	24000
Horiz Acc measure:	1	Horiz Acc measure units:	seconds
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	45
Vert measure units:	feet	Vertacc measure val:	12
Vert accmeasure units:	feet		
Vertcollection method:	Interpolated from topographic map		
Vert coord refsys:	NGVD29	Countrycode:	US
Aquifername:	Other aquifers		
Formation type:	Not Reported		
Aquifer type:	Not Reported		
Construction date:	19870715	Welldepth:	80
Welldepth units:	ft	Wellholedepth:	80
Wellholedepth units:	ft		

Ground-water levels, Number of Measurements: 0

---

2 **SSW** **1/4 - 1/2 Mile** **Higher**	Site ID:	41-0028	**AQUIFLOW**	**64716**
	Groundwater Flow:	S		
	Shallow Water Depth:	53.61		
	Deep Water Depth:	55.64		
	Average Water Depth:	Not Reported		
	Date:	04/19/1999		

	Database	EDR ID Number
A3 **NNW** **1/4 - 1/2 Mile** **Lower**	**CA WELLS**	**CADW60000005293**

Objectid:	5293
Latitude:	37.705337
Longitude:	-122.48511
Site code:	377053N1224851W001
State well numbe:	Not Reported
Local well name:	'LMMW-6D'
Well use id:	1
Well use descrip:	Observation
County id:	41
County name:	San Mateo

Basin code: '2-35'
Basin desc: Westside Basin
Dwr region id: 80236
Dwr region: North Central Region Office
Site id: CADW60000005293

A4
NNW
1/4 - 1/2 Mile
Lower

Site ID: 41-0190
Groundwater Flow: SSW
Shallow Water Depth: Not Reported
Deep Water Depth: 240
Average Water Depth: Not Reported
Date: 02/20/1998

AQUIFLOW **64713**

B5
NNW
1/4 - 1/2 Mile
Lower

FED USGS **USGS40000185064**

Org. Identifier:	USGS-CA		
Formal name:	USGS California Water Science Center		
Monloc Identifier:	USGS-374224122290701		
Monloc name:	003S006W02B003M		
Monloc type:	Well		
Monloc desc:	SURVEYED ALTITUDE IS CONSIDERED TO BE AT LSD.		
Huc code:	18050006	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	37.7065992
Longitude:	-122.4863615	Sourcemap scale:	24000
Horiz Acc measure:	1	Horiz Acc measure units:	seconds
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	61.52
Vert measure units:	feet	Vertacc measure val:	.01
Vert accmeasure units:	feet		
Vertcollection method:	Level or other surveying method		
Vert coord refsys:	NGVD29	Countrycode:	US
Aquifername:	Other aquifers		
Formation type:	Not Reported		
Aquifer type:	Not Reported		
Construction date:	19820513	Welldepth:	524
Welldepth units:	ft	Wellholedepth:	670
Wellholedepth units:	ft		

Ground-water levels, Number of Measurements: 29

Date	Feet below Surface	Feet to Sealevel	Date	Feet below Surface	Feet to Sealevel
1993-02-06	100.04		1992-09-15	107.92	
1992-02-04	94.95		1991-09-17	98.54	
1991-05-01	97.02		1991-02-05	94.42	
1990-12-04	95.51		1990-11-06	96.88	
1990-10-10	98.55		1990-09-05	100.34	
1990-08-01	99.03		1990-06-05	97.37	
1990-05-02	100.25		1990-04-03	94.99	
1990-03-06	90.95		1990-02-07	91.00	
1989-12-07	92.97		1989-11-20	99.25	
1989-10-24	94.07		1989-09-18	95.89	
1989-08-15	99.88				
1989-07-07	105.66				

Note: The site had been pumped recently.

Ground-water levels, continued.

Date	Feet below Surface	Feet to Sealevel
1989-05-31	99.83	
1989-03-15	90.83	
1989-01-05	91.56	
1988-08-24	94	
1989-04-25	94.20	
1989-02-08	91.29	
1988-11-09	93.30	

6
SSE **CA WELLS** **CADW60000005921**
1/4 - 1/2 Mile
Higher

Objectid:	5921
Latitude:	37.695379
Longitude:	-122.479746
Site code:	376954N1224798W001
State well numbe:	Not Reported
Local well name:	'Park Plaza MW 460'
Well use id:	1
Well use descrip:	Observation
County id:	41
County name:	San Mateo
Basin code:	'2-35'
Basin desc:	Westside Basin
Dwr region id:	80236
Dwr region:	North Central Region Office
Site id:	CADW60000005921

7
North **FED USGS** **USGS40000185069**
1/4 - 1/2 Mile
Lower

Org. Identifier:	USGS-CA		
Formal name:	USGS California Water Science Center		
Monloc Identifier:	USGS-374228122285301		
Monloc name:	003S006W02A001M		
Monloc type:	Well		
Monloc desc:	MP IS CONSIDERED TO BE AT LAND SURFACE.		
Huc code:	18050006	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	37.7077102
Longitude:	-122.4824725	Sourcemap scale:	24000
Horiz Acc measure:	1	Horiz Acc measure units:	seconds
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	40.90
Vert measure units:	feet	Vertacc measure val:	.01
Vert accmeasure units:	feet		
Vertcollection method:	Level or other surveying method		
Vert coord refsys:	NGVD29	Countrycode:	US
Aquifername:	Other aquifers		
Formation type:	Not Reported		

Aquifer type:	Not Reported		
Construction date:	19890621	Welldepth:	62
Welldepth units:	ft	Wellholedepth:	62
Wellholedepth units:	ft		

Ground-water levels, Number of Measurements: 32

Date	Feet below Surface	Feet to Sealevel	Date	Feet below Surface	Feet to Sealevel
1994-09-22	42.57		1994-06-08	42.27	
1993-07-17	42.30		1993-02-06	42.56	
1992-09-15	42.46		1992-06-11	42.14	
1992-02-04	41.92		1991-09-17	41.38	
1991-05-01	40.78		1991-02-05	40.52	
1991-01-09	40.39		1990-12-04	40.30	
1990-11-06	40.10		1990-10-10	39.92	
1990-09-05	39.74		1990-08-01	39.50	
1990-07-02	39.33		1990-06-06	39.24	
1990-05-02	39.09		1990-04-03	38.93	
1990-03-06	38.96		1990-02-07	38.92	
1989-12-07	38.81		1989-11-21	38.68	
1989-10-25	38.61		1989-10-20	38.62	
1989-10-19	38.62		1989-10-18	38.53	
1989-10-17	38.67		1989-09-19	38.42	
1989-08-15	38.15		1989-07-07	38.00	

B8
NNW **FED USGS** **USGS40000185061**
1/4 - 1/2 Mile
Lower

Org. Identifier:	USGS-CA		
Formal name:	USGS California Water Science Center		
Monloc Identifier:	USGS-374223122290701		
Monloc name:	003S006W02B004M		
Monloc type:	Well		
Monloc desc:	SURVEYED MP ALTITUDE IS CONSIDERED TO BE AT LSD.		
Huc code:	18050006	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	37.7071547
Longitude:	-122.4863615	Sourcemap scale:	24000
Horiz Acc measure:	1	Horiz Acc measure units:	seconds
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	61.52
Vert measure units:	feet	Vertacc measure val:	.01
Vert accmeasure units:	feet		
Vertcollection method:	Level or other surveying method		
Vert coord refsys:	NGVD29	Countrycode:	US
Aquifername:	Other aquifers		
Formation type:	Not Reported		
Aquifer type:	Not Reported		
Construction date:	19860331	Welldepth:	637
Welldepth units:	ft	Wellholedepth:	637
Wellholedepth units:	ft		

Ground-water levels, Number of Measurements: 1

Date	Feet below Surface	Feet to Sealevel
1986-03-31	110	

9
SW
1/4 - 1/2 Mile Higher

AQUIFLOW **64159**

Site ID:	41-0352
Groundwater Flow:	E
Shallow Water Depth:	51.71
Deep Water Depth:	59.41
Average Water Depth:	Not Reported
Date:	08/03/1995

10
SE
1/2 - 1 Mile Higher

CA WELLS **3563**

Water System Information:

Prime Station Code:	03S/06W-01Q01 M	User ID:	ENG
FRDS Number:	4110013010	County:	San Mateo
District Number:	04	Station Type:	WELL/AMBNT/MUN/INTAKE/SUPPLY
Water Type:	Well/Groundwater	Well Status:	Active Raw
Source Lat/Long:	374146.0 1222827.0	Precision:	0.5 Mile (30 Seconds)
Source Name:	JEFFERSON WELL		
System Number:	4110013		
System Name:	City of Daly City		
Organization That Operates System:			
	153 Lake Merced Blvd.		
	Daly City, CA 94015		
Pop Served:	92311	Connections:	21600
Area Served:	DALY CITY		
Sample Collected:	04-JAN-11	Findings:	7.3 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	02-FEB-11	Findings:	7.8 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	09-FEB-11	Findings:	0.12 MG/L
Chemical:	FLUORIDE (F) (NATURAL-SOURCE)		
Sample Collected:	02-MAR-11	Findings:	8.4 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	27-APR-11	Findings:	8.9 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	04-MAY-11	Findings:	9.3 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	01-JUN-11	Findings:	9. MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	06-JUL-11	Findings:	9.6 MG/L
Chemical:	NITRATE (AS NO3)		

Sample Collected:	03-AUG-11	Findings:	9.3 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	07-SEP-11	Findings:	9.7 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	05-OCT-11	Findings:	9.6 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	07-DEC-11	Findings:	9.5 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	04-JAN-12	Findings:	9.8 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	01-FEB-12	Findings:	9.7 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	07-MAR-12	Findings:	10. MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	04-APR-12	Findings:	10. MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	02-MAY-12	Findings:	10. MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	06-JUN-12	Findings:	9.9 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	11-JUL-12	Findings:	10. MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	04-OCT-12	Findings:	10. MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	07-NOV-12	Findings:	10. MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	05-DEC-12	Findings:	11. MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	02-JAN-13	Findings:	11. MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	16-JAN-13	Findings:	11. MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	06-FEB-13	Findings:	11. MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	06-MAR-13	Findings:	11. MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	03-APR-13	Findings:	11. MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	10-APR-13	Findings:	420. US
Chemical:	SPECIFIC CONDUCTANCE		
Sample Collected:	10-APR-13	Findings:	8.22
Chemical:	PH, LABORATORY		
Sample Collected:	10-APR-13	Findings:	110. MG/L
Chemical:	ALKALINITY (TOTAL) AS CACO3		

Sample Collected:	10-APR-13	Findings:	140. MG/L
Chemical:	BICARBONATE ALKALINITY		
Sample Collected:	10-APR-13	Findings:	131. MG/L
Chemical:	HARDNESS (TOTAL) AS CACO3		
Sample Collected:	10-APR-13	Findings:	19. MG/L
Chemical:	CALCIUM		
Sample Collected:	10-APR-13	Findings:	20. MG/L
Chemical:	MAGNESIUM		
Sample Collected:	10-APR-13	Findings:	33. MG/L
Chemical:	SODIUM		
Sample Collected:	10-APR-13	Findings:	58. MG/L
Chemical:	CHLORIDE		
Sample Collected:	10-APR-13	Findings:	13. MG/L
Chemical:	SULFATE		
Sample Collected:	10-APR-13	Findings:	0.13 MG/L
Chemical:	FLUORIDE (F) (NATURAL-SOURCE)		
Sample Collected:	10-APR-13	Findings:	29. UG/L
Chemical:	MANGANESE		
Sample Collected:	10-APR-13	Findings:	260. MG/L
Chemical:	TOTAL DISSOLVED SOLIDS		
Sample Collected:	10-APR-13	Findings:	11.95
Chemical:	AGGRSSIVE INDEX (CORROSIVITY)		
Sample Collected:	01-MAY-13	Findings:	11. MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	05-JUN-13	Findings:	12. MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	03-JUL-13	Findings:	12. MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	07-AUG-13	Findings:	12. MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	04-SEP-13	Findings:	12. MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	06-NOV-13	Findings:	12. MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	04-DEC-13	Findings:	12. MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	08-JAN-14	Findings:	12. MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	05-FEB-14	Findings:	12. MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	05-MAR-14	Findings:	12. MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	02-APR-14	Findings:	12. MG/L
Chemical:	NITRATE (AS NO3)		

Sample Collected:	07-MAY-14	Findings:	12. MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	04-JUN-14	Findings:	12. MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	02-JUL-14	Findings:	12. MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	13-AUG-14	Findings:	12. MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	10-SEP-14	Findings:	12. MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	02-OCT-14	Findings:	12. MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	05-NOV-14	Findings:	12. MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	04-AUG-15	Findings:	420. US
Chemical:	SPECIFIC CONDUCTANCE		
Sample Collected:	04-AUG-15	Findings:	7.18
Chemical:	PH, LABORATORY		
Sample Collected:	04-AUG-15	Findings:	86. MG/L
Chemical:	ALKALINITY (TOTAL) AS CACO3		
Sample Collected:	04-AUG-15	Findings:	100. MG/L
Chemical:	BICARBONATE ALKALINITY		
Sample Collected:	04-AUG-15	Findings:	110. MG/L
Chemical:	HARDNESS (TOTAL) AS CACO3		
Sample Collected:	04-AUG-15	Findings:	15. MG/L
Chemical:	CALCIUM		
Sample Collected:	04-AUG-15	Findings:	17. MG/L
Chemical:	MAGNESIUM		
Sample Collected:	04-AUG-15	Findings:	29. MG/L
Chemical:	SODIUM		
Sample Collected:	04-AUG-15	Findings:	1.8 MG/L
Chemical:	POTASSIUM		
Sample Collected:	04-AUG-15	Findings:	72. MG/L
Chemical:	CHLORIDE		
Sample Collected:	04-AUG-15	Findings:	13. MG/L
Chemical:	SULFATE		
Sample Collected:	04-AUG-15	Findings:	0.24 MG/L
Chemical:	FLUORIDE (F) (NATURAL-SOURCE)		
Sample Collected:	04-AUG-15	Findings:	580. UG/L
Chemical:	IRON		
Sample Collected:	04-AUG-15	Findings:	620. UG/L
Chemical:	MANGANESE		
Sample Collected:	04-AUG-15	Findings:	270. MG/L
Chemical:	TOTAL DISSOLVED SOLIDS		

Sample Collected:	04-AUG-15	Findings:	9.5 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	04-AUG-15	Findings:	0.39 NTU
Chemical:	TURBIDITY, LABORATORY		
Sample Collected:	04-AUG-15	Findings:	10.7
Chemical:	AGGRSSIVE INDEX (CORROSIVITY)		
Sample Collected:	04-AUG-15	Findings:	0.856 PCI/L
Chemical:	GROSS ALPHA COUNTING ERROR		
Sample Collected:	04-AUG-15	Findings:	0.514 PCI/L
Chemical:	RADIUM 228 COUNTING ERROR		
Sample Collected:	04-AUG-15	Findings:	1.44 PCI/L
Chemical:	GROSS ALPHA MDA95		
Sample Collected:	04-AUG-15	Findings:	0.2 PCI/L
Chemical:	RADIUM 228 MDA95		
Sample Collected:	04-AUG-15	Findings:	7.3e-002 PCI/L
Chemical:	RA-226 OR TOTAL RA BY 903.0 C.E.		
Sample Collected:	04-AUG-15	Findings:	0.47 PCI/L
Chemical:	RADIUM, TOTAL, MDA95-NTNC ONLY, BY 903.0		
Sample Collected:	25-AUG-15	Findings:	4.7 UG/L
Chemical:	CHROMIUM, HEXAVALENT		
Sample Collected:	25-AUG-15	Findings:	14. UG/L
Chemical:	CHROMIUM (TOTAL)		
Sample Collected:	25-AUG-15	Findings:	13. MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	02-SEP-15	Findings:	13. MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	08-OCT-15	Findings:	13. MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	21-OCT-15	Findings:	13. MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	04-NOV-15	Findings:	13. MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	05-NOV-15	Findings:	13. MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	18-NOV-15	Findings:	13. MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	01-DEC-15	Findings:	11. UG/L
Chemical:	CHROMIUM, HEXAVALENT		
Sample Collected:	01-DEC-15	Findings:	13. UG/L
Chemical:	CHROMIUM (TOTAL)		
Sample Collected:	02-DEC-15	Findings:	11. UG/L
Chemical:	CHROMIUM, HEXAVALENT		
Sample Collected:	02-DEC-15	Findings:	14. UG/L
Chemical:	CHROMIUM (TOTAL)		

Sample Collected:	02-DEC-15	Findings:	13. MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	03-DEC-15	Findings:	11. UG/L
Chemical:	CHROMIUM, HEXAVALENT		
Sample Collected:	03-DEC-15	Findings:	13. UG/L
Chemical:	CHROMIUM (TOTAL)		
Sample Collected:	04-DEC-15	Findings:	9.4 UG/L
Chemical:	CHROMIUM, HEXAVALENT		
Sample Collected:	04-DEC-15	Findings:	13. UG/L
Chemical:	CHROMIUM (TOTAL)		
Sample Collected:	05-DEC-15	Findings:	11. UG/L
Chemical:	CHROMIUM, HEXAVALENT		
Sample Collected:	05-DEC-15	Findings:	13. UG/L
Chemical:	CHROMIUM (TOTAL)		
Sample Collected:	06-DEC-15	Findings:	11. UG/L
Chemical:	CHROMIUM, HEXAVALENT		
Sample Collected:	06-DEC-15	Findings:	13. UG/L
Chemical:	CHROMIUM (TOTAL)		
Sample Collected:	07-DEC-15	Findings:	11. UG/L
Chemical:	CHROMIUM, HEXAVALENT		
Sample Collected:	07-DEC-15	Findings:	12. UG/L
Chemical:	CHROMIUM (TOTAL)		
Sample Collected:	08-DEC-15	Findings:	12. UG/L
Chemical:	CHROMIUM, HEXAVALENT		
Sample Collected:	08-DEC-15	Findings:	12. UG/L
Chemical:	CHROMIUM (TOTAL)		
Sample Collected:	09-DEC-15	Findings:	11. UG/L
Chemical:	CHROMIUM, HEXAVALENT		
Sample Collected:	09-DEC-15	Findings:	14. UG/L
Chemical:	CHROMIUM (TOTAL)		
Sample Collected:	10-DEC-15	Findings:	10. UG/L
Chemical:	CHROMIUM, HEXAVALENT		
Sample Collected:	10-DEC-15	Findings:	12. UG/L
Chemical:	CHROMIUM (TOTAL)		
Sample Collected:	11-DEC-15	Findings:	9.7 UG/L
Chemical:	CHROMIUM, HEXAVALENT		
Sample Collected:	11-DEC-15	Findings:	12. UG/L
Chemical:	CHROMIUM (TOTAL)		
Sample Collected:	12-DEC-15	Findings:	10. UG/L
Chemical:	CHROMIUM, HEXAVALENT		
Sample Collected:	12-DEC-15	Findings:	12. UG/L
Chemical:	CHROMIUM (TOTAL)		
Sample Collected:	13-DEC-15	Findings:	10. UG/L
Chemical:	CHROMIUM, HEXAVALENT		

Sample Collected:	13-DEC-15	Findings:	13. UG/L
Chemical:	CHROMIUM (TOTAL)		
Sample Collected:	14-DEC-15	Findings:	11. UG/L
Chemical:	CHROMIUM, HEXAVALENT		
Sample Collected:	14-DEC-15	Findings:	12. UG/L
Chemical:	CHROMIUM (TOTAL)		
Sample Collected:	15-DEC-15	Findings:	10. UG/L
Chemical:	CHROMIUM, HEXAVALENT		
Sample Collected:	15-DEC-15	Findings:	13. UG/L
Chemical:	CHROMIUM (TOTAL)		
Sample Collected:	16-DEC-15	Findings:	10. UG/L
Chemical:	CHROMIUM, HEXAVALENT		
Sample Collected:	16-DEC-15	Findings:	11. UG/L
Chemical:	CHROMIUM (TOTAL)		
Sample Collected:	18-DEC-15	Findings:	11. UG/L
Chemical:	CHROMIUM, HEXAVALENT		
Sample Collected:	18-DEC-15	Findings:	13. UG/L
Chemical:	CHROMIUM (TOTAL)		
Sample Collected:	19-DEC-15	Findings:	11. UG/L
Chemical:	CHROMIUM, HEXAVALENT		
Sample Collected:	19-DEC-15	Findings:	12. UG/L
Chemical:	CHROMIUM (TOTAL)		
Sample Collected:	06-JAN-16	Findings:	2.9 MG/L
Chemical:	NITRATE (AS N)		
Sample Collected:	06-JAN-16	Findings:	12. UG/L
Chemical:	CHROMIUM (TOTAL)		
Sample Collected:	06-JAN-16	Findings:	11. UG/L
Chemical:	CHROMIUM, HEXAVALENT		
Sample Collected:	03-FEB-16	Findings:	430. US
Chemical:	SPECIFIC CONDUCTANCE		
Sample Collected:	03-FEB-16	Findings:	8.17
Chemical:	PH, LABORATORY		
Sample Collected:	03-FEB-16	Findings:	48. MG/L
Chemical:	ALKALINITY (TOTAL) AS CACO3		
Sample Collected:	03-FEB-16	Findings:	59. MG/L
Chemical:	BICARBONATE ALKALINITY		
Sample Collected:	03-FEB-16	Findings:	3.1 MG/L
Chemical:	NITRATE (AS N)		
Sample Collected:	03-FEB-16	Findings:	141. MG/L
Chemical:	HARDNESS (TOTAL) AS CACO3		
Sample Collected:	03-FEB-16	Findings:	21. MG/L
Chemical:	CALCIUM		
Sample Collected:	03-FEB-16	Findings:	22. MG/L
Chemical:	MAGNESIUM		

Sample Collected:	03-FEB-16	Findings:	34. MG/L
Chemical:	SODIUM		
Sample Collected:	03-FEB-16	Findings:	1.8 MG/L
Chemical:	POTASSIUM		
Sample Collected:	03-FEB-16	Findings:	64. MG/L
Chemical:	CHLORIDE		
Sample Collected:	03-FEB-16	Findings:	17. MG/L
Chemical:	SULFATE		
Sample Collected:	03-FEB-16	Findings:	11. UG/L
Chemical:	CHROMIUM, HEXAVALENT		
Sample Collected:	03-FEB-16	Findings:	12. UG/L
Chemical:	CHROMIUM (TOTAL)		
Sample Collected:	03-FEB-16	Findings:	22. UG/L
Chemical:	MANGANESE		
Sample Collected:	03-FEB-16	Findings:	260. MG/L
Chemical:	TOTAL DISSOLVED SOLIDS		
Sample Collected:	03-FEB-16	Findings:	11.57
Chemical:	AGGRSSIVE INDEX (CORROSIVITY)		
Sample Collected:	03-FEB-16	Findings:	1.06 PCI/L
Chemical:	GROSS ALPHA COUNTING ERROR		
Sample Collected:	03-FEB-16	Findings:	0.228 PCI/L
Chemical:	RADIUM 226 COUNTING ERROR		
Sample Collected:	03-FEB-16	Findings:	0.596 PCI/L
Chemical:	RADIUM 228 COUNTING ERROR		
Sample Collected:	03-FEB-16	Findings:	1.49 PCI/L
Chemical:	GROSS ALPHA MDA95		
Sample Collected:	03-FEB-16	Findings:	0.47 PCI/L
Chemical:	RADIUM 226 MDA95		
Sample Collected:	03-FEB-16	Findings:	0.2 PCI/L
Chemical:	RADIUM 228 MDA95		
Sample Collected:	02-MAR-16	Findings:	3. MG/L
Chemical:	NITRATE (AS N)		
Sample Collected:	02-MAR-16	Findings:	11. UG/L
Chemical:	CHROMIUM, HEXAVALENT		
Sample Collected:	02-MAR-16	Findings:	13. UG/L
Chemical:	CHROMIUM (TOTAL)		
Sample Collected:	06-APR-16	Findings:	3.1 MG/L
Chemical:	NITRATE (AS N)		
Sample Collected:	06-APR-16	Findings:	11. UG/L
Chemical:	CHROMIUM, HEXAVALENT		
Sample Collected:	06-APR-16	Findings:	13. UG/L
Chemical:	CHROMIUM (TOTAL)		
Sample Collected:	04-MAY-16	Findings:	3.1 MG/L
Chemical:	NITRATE (AS N)		

Sample Collected:	04-MAY-16	Findings:	11. UG/L
Chemical:	CHROMIUM, HEXAVALENT		
Sample Collected:	04-MAY-16	Findings:	11. UG/L
Chemical:	CHROMIUM (TOTAL)		
Sample Collected:	01-JUN-16	Findings:	3.1 MG/L
Chemical:	NITRATE (AS N)		
Sample Collected:	01-JUN-16	Findings:	10. UG/L
Chemical:	CHROMIUM, HEXAVALENT		
Sample Collected:	01-JUN-16	Findings:	11. UG/L
Chemical:	CHROMIUM (TOTAL)		
Sample Collected:	15-JUN-16	Findings:	11. UG/L
Chemical:	CHROMIUM, HEXAVALENT		
Sample Collected:	15-JUN-16	Findings:	16. UG/L
Chemical:	CHROMIUM (TOTAL)		
Sample Collected:	29-JUN-16	Findings:	10. UG/L
Chemical:	CHROMIUM, HEXAVALENT		
Sample Collected:	29-JUN-16	Findings:	11. UG/L
Chemical:	CHROMIUM (TOTAL)		
Sample Collected:	06-JUL-16	Findings:	3. MG/L
Chemical:	NITRATE (AS N)		
Sample Collected:	13-JUL-16	Findings:	11. UG/L
Chemical:	CHROMIUM, HEXAVALENT		
Sample Collected:	13-JUL-16	Findings:	14. UG/L
Chemical:	CHROMIUM (TOTAL)		
Sample Collected:	27-JUL-16	Findings:	12. UG/L
Chemical:	CHROMIUM, HEXAVALENT		
Sample Collected:	27-JUL-16	Findings:	13. UG/L
Chemical:	CHROMIUM (TOTAL)		
Sample Collected:	10-AUG-16	Findings:	2.8 MG/L
Chemical:	NITRATE (AS N)		
Sample Collected:	10-AUG-16	Findings:	12. UG/L
Chemical:	CHROMIUM, HEXAVALENT		
Sample Collected:	10-AUG-16	Findings:	12. UG/L
Chemical:	CHROMIUM (TOTAL)		
Sample Collected:	24-AUG-16	Findings:	12. UG/L
Chemical:	CHROMIUM, HEXAVALENT		
Sample Collected:	24-AUG-16	Findings:	12. UG/L
Chemical:	CHROMIUM (TOTAL)		
Sample Collected:	14-SEP-16	Findings:	2.8 MG/L
Chemical:	NITRATE (AS N)		
Sample Collected:	14-SEP-16	Findings:	10. UG/L
Chemical:	CHROMIUM, HEXAVALENT		
Sample Collected:	14-SEP-16	Findings:	12. UG/L
Chemical:	CHROMIUM (TOTAL)		

Sample Collected:	21-SEP-16	Findings:	12. UG/L
Chemical:	CHROMIUM, HEXAVALENT		
Sample Collected:	21-SEP-16	Findings:	12. UG/L
Chemical:	CHROMIUM (TOTAL)		

11
NNW **FED USGS** **USGS40000185071**
1/2 - 1 Mile
Lower

Org. Identifier:	USGS-CA		
Formal name:	USGS California Water Science Center		
Monloc Identifier:	USGS-374230122291101		
Monloc name:	002S006W35Q001M		
Monloc type:	Well		
Monloc desc:	MP IS CONSIDERED TO BE AT LAND SURFACE.		
Huc code:	18050006	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	37.7082658
Longitude:	-122.4874726	Sourcemap scale:	24000
Horiz Acc measure:	1	Horiz Acc measure units:	seconds
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	31.30
Vert measure units:	feet	Vertacc measure val:	.01
Vert accmeasure units:	feet		
Vertcollection method:	Level or other surveying method		
Vert coord refsys:	NGVD29	Countrycode:	US
Aquifername:	Other aquifers		
Formation type:	Not Reported		
Aquifer type:	Not Reported		
Construction date:	19890614	Welldepth:	51
Welldepth units:	ft	Wellholedepth:	51
Wellholedepth units:	ft		

Ground-water levels, Number of Measurements: 29

Date	Feet below Surface	Feet to Sealevel	Date	Feet below Surface	Feet to Sealevel
1993-07-17	33.00		1993-02-06	32.32	
1992-09-15	33.07		1992-06-11	32.48	
1992-02-05	32.42		1991-09-17	32.20	
1991-05-01	31.38		1991-02-05	31.40	
1991-01-09	31.30		1990-12-04	31.22	
1990-11-06	31.08		1990-10-10	30.90	
1990-09-05	30.65		1990-08-01	30.36	
1990-07-02	30.10		1990-06-05	29.85	
1990-05-02	29.65		1990-04-03	29.46	
1990-03-06	29.30		1990-02-07	29.27	
1989-12-06	29.37		1989-11-20	29.42	
1989-10-24	29.39		1989-10-20	29.45	
1989-10-19	29.45		1989-10-18	29.47	
1989-09-18	29.25		1989-08-15	29.00	
1989-07-07	28.63				

C12
NNE **FED USGS** **USGS40000185088**
1/2 - 1 Mile
Higher

Org. Identifier:	USGS-CA		
Formal name:	USGS California Water Science Center		
Monloc Identifier:	USGS-374235122282801		
Monloc name:	002S006W06N001M		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	18050006	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	37.7096546
Longitude:	-122.4783057	Sourcemap scale:	240000
Horiz Acc measure:	1	Horiz Acc measure units:	seconds
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	150
Vert measure units:	feet	Vertacc measure val:	13
Vert accmeasure units:	feet		
Vertcollection method:	Interpolated from topographic map		
Vert coord refsys:	NGVD29	Countrycode:	US
Aquifername:	Other aquifers		
Formation type:	Not Reported		
Aquifer type:	Not Reported		
Construction date:	Not Reported	Welldepth:	324
Welldepth units:	ft	Wellholedepth:	Not Reported
Wellholedepth units:	Not Reported		

Ground-water levels, Number of Measurements: 0

C13
NNE **FED USGS** **USGS40000185090**
1/2 - 1 Mile
Higher

Org. Identifier:	USGS-CA		
Formal name:	USGS California Water Science Center		
Monloc Identifier:	USGS-374235122283801		
Monloc name:	002S006W36N002M		
Monloc type:	Well		
Monloc desc:	SURVEYED MP ALTITUDE CONSIDERED TO BE AT LSD.		
Huc code:	18050006	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	37.7096546
Longitude:	-122.4783057	Sourcemap scale:	2400
Horiz Acc measure:	1	Horiz Acc measure units:	seconds
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	139.10
Vert measure units:	feet	Vertacc measure val:	.01
Vert accmeasure units:	feet		
Vertcollection method:	Level or other surveying method		
Vert coord refsys:	NGVD29	Countrycode:	US
Aquifername:	California Coastal Basin aquifers		
Formation type:	Not Reported		
Aquifer type:	Not Reported		
Construction date:	19850801	Welldepth:	540
Welldepth units:	ft	Wellholedepth:	549
Wellholedepth units:	ft		

Ground-water levels, Number of Measurements: 13

Date	Feet below Surface	Feet to Sealevel	Date	Feet below Surface	Feet to Sealevel
1990-11-06	203.09		1990-10-10	203.13	
1990-09-05	203.81		1990-08-01	210.72	
1990-05-02	213.26		1990-03-06	198.82	
1990-02-07	198.06		1989-11-21	248.47	
1989-10-25	200.20		1989-04-25	202.34	
1989-03-20	192.76		1989-02-08	190.47	
1989-01-05	192.00				

C14
NNE **FED USGS** **USGS40000185089**
1/2 - 1 Mile
Higher

Org. Identifier:	USGS-CA		
Formal name:	USGS California Water Science Center		
Monloc Identifier:	USGS-374235122283601		
Monloc name:	002S006W36N001M		
Monloc type:	Well		
Monloc desc:	SURVEYED ALTITUDE OF MP IS CONSIDERED TO BE AT LSD		
Huc code:	18050006	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	37.7096546
Longitude:	-122.4777502	Sourcemap scale:	24000
Horiz Acc measure:	Unknown	Horiz Acc measure units:	Unknown
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	143.02
Vert measure units:	feet	Vertacc measure val:	12.
Vert accmeasure units:	feet		
Vertcollection method:	Level or other surveying method		
Vert coord refsys:	NGVD29	Countrycode:	US
Aquifername:	Other aquifers		
Formation type:	Not Reported		
Aquifer type:	Not Reported		
Construction date:	19510424	Welldepth:	324
Welldepth units:	ft	Wellholedepth:	324
Wellholedepth units:	ft		

Ground-water levels, Number of Measurements: 15

Date	Feet below Surface	Feet to Sealevel	Date	Feet below Surface	Feet to Sealevel
1993-02-06	181.42		1992-09-15	183.03	
1992-06-11	181.58		1992-02-04	178.42	
1991-09-17	179.29		1991-05-01	178.42	
1991-02-05	177.87		1990-12-04	178.42	
1990-08-01	178.27				
1990-07-02	178.84				
Note: A nearby site that taps the same aquifer was being pumped.					
1990-06-05	177.00		1990-05-02	177.91	
1990-05-02	178.07				
Note: A nearby site that taps the same aquifer was being pumped.					
1990-04-05	176.92				
Note: A nearby site that taps the same aquifer was being pumped.					
1951-04-24	60				

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

15
East
1/2 - 1 Mile
Higher

Site ID:	220020
Groundwater Flow:	Varies
Shallow Water Depth:	Not Reported
Deep Water Depth:	Not Reported
Average Water Depth:	200
Date:	09/30/1998

AQUIFLOW **64299**

D16
ESE
1/2 - 1 Mile
Higher

FED USGS **USGS40000184989**

Org. Identifier:	USGS-CA		
Formal name:	USGS California Water Science Center		
Monloc Identifier:	USGS-374149122280601		
Monloc name:	003S006W01K002M		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	18050006	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	37.6968772
Longitude:	-122.469417	Sourcemap scale:	24000
Horiz Acc measure:	1	Horiz Acc measure units:	seconds
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	220
Vert measure units:	feet	Vertacc measure val:	13
Vert accmeasure units:	feet		
Vertcollection method:	Interpolated from topographic map		
Vert coord refsys:	NGVD29	Countrycode:	US
Aquifername:	Other aquifers		
Formation type:	Not Reported		
Aquifer type:	Not Reported		
Construction date:	19890617	Welldepth:	68
Welldepth units:	ft	Wellholedepth:	81
Wellholedepth units:	ft		

Ground-water levels, Number of Measurements: 3

Date	Feet below Surface	Feet to Sealevel	Date	Feet below Surface	Feet to Sealevel
1989-09-19	61.60		1989-08-16	61.61	
1989-07-07	61.60				

D17
ESE
1/2 - 1 Mile
Higher

FED USGS **USGS40000184992**

Org. Identifier:	USGS-CA		
Formal name:	USGS California Water Science Center		
Monloc Identifier:	USGS-374150122280401		
Monloc name:	003S006W01K004M		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	18050006	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	37.697155
Longitude:	-122.4688614	Sourcemap scale:	24000

Horiz Acc measure:	1	Horiz Acc measure units:	seconds
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	225
Vert measure units:	feet	Vertacc measure val:	20
Vert accmeasure units:	feet		
Vertcollection method:	Interpolated from topographic map		
Vert coord refsys:	NGVD29	Countrycode:	US
Aquifername:	Other aquifers		
Formation type:	Not Reported		
Aquifer type:	Not Reported		
Construction date:	19531212	Welldepth:	506
Welldepth units:	ft	Wellholedepth:	506
Wellholedepth units:	ft		

Ground-water levels, Number of Measurements: 0

18
SSE **CA WELLS** **3568**
1/2 - 1 Mile
Higher

Water System Information:

Prime Station Code:	03S/06W-12C01 M	User ID:	ENG
FRDS Number:	4110013004	County:	San Mateo
District Number:	04	Station Type:	WELL/AMBNT/MUN/INTAKE
Water Type:	Well/Groundwater	Well Status:	Active Raw
Source Lat/Long:	374130.0 1222825.0	Precision:	1,000 Feet (10 Seconds)
Source Name:	WELL 04 (CITRUS)		
System Number:	4110013		
System Name:	City of Daly City		
Organization That Operates System:			
	153 Lake Merced Blvd. Daly City, CA 94015		
Pop Served:	92311	Connections:	21600
Area Served:	DALY CITY		
Sample Collected:	06-MAR-13	Findings:	64. MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	03-APR-13	Findings:	57. MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	10-APR-13	Findings:	560. US
Chemical:	SPECIFIC CONDUCTANCE		
Sample Collected:	10-APR-13	Findings:	8.05
Chemical:	PH, LABORATORY		
Sample Collected:	10-APR-13	Findings:	130. MG/L
Chemical:	ALKALINITY (TOTAL) AS CACO3		
Sample Collected:	10-APR-13	Findings:	160. MG/L
Chemical:	BICARBONATE ALKALINITY		
Sample Collected:	10-APR-13	Findings:	187. MG/L
Chemical:	HARDNESS (TOTAL) AS CACO3		
Sample Collected:	10-APR-13	Findings:	29. MG/L
Chemical:	CALCIUM		

Sample Collected:	10-APR-13	Findings:	28. MG/L
Chemical:	MAGNESIUM		
Sample Collected:	10-APR-13	Findings:	38. MG/L
Chemical:	SODIUM		
Sample Collected:	10-APR-13	Findings:	56. MG/L
Chemical:	CHLORIDE		
Sample Collected:	10-APR-13	Findings:	35. MG/L
Chemical:	SULFATE		
Sample Collected:	10-APR-13	Findings:	15. UG/L
Chemical:	CHROMIUM (TOTAL)		
Sample Collected:	10-APR-13	Findings:	350. MG/L
Chemical:	TOTAL DISSOLVED SOLIDS		
Sample Collected:	10-APR-13	Findings:	12.02
Chemical:	AGGRSSIVE INDEX (CORROSIVITY)		
Sample Collected:	08-MAY-13	Findings:	67. MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	05-JUN-13	Findings:	56. MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	03-JUL-13	Findings:	63. MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	21-AUG-13	Findings:	68. MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	04-SEP-13	Findings:	65. MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	23-OCT-13	Findings:	72. MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	23-OCT-13	Findings:	68. MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	24-OCT-13	Findings:	59. MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	24-OCT-13	Findings:	56. MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	25-OCT-13	Findings:	54. MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	25-OCT-13	Findings:	53. MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	07-NOV-13	Findings:	58. MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	04-DEC-13	Findings:	54. MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	08-JAN-14	Findings:	63. MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	20-FEB-14	Findings:	69. MG/L
Chemical:	NITRATE (AS NO3)		

Sample Collected:	05-MAR-14	Findings:	54. MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	02-APR-14	Findings:	40. MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	07-MAY-14	Findings:	57. MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	04-JUN-14	Findings:	63. MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	02-JUL-14	Findings:	62. MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	13-AUG-14	Findings:	61. MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	10-SEP-14	Findings:	61. MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	02-OCT-14	Findings:	85. MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	16-OCT-14	Findings:	73. MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	05-NOV-14	Findings:	59. MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	10-DEC-14	Findings:	63. MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	14-JAN-15	Findings:	52. MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	10-FEB-15	Findings:	53. MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	04-MAR-15	Findings:	39. MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	19-MAR-15	Findings:	17. UG/L
Chemical:	CHROMIUM, HEXAVALENT		
Sample Collected:	19-MAR-15	Findings:	19. UG/L
Chemical:	CHROMIUM (TOTAL)		
Sample Collected:	08-APR-15	Findings:	57. MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	13-MAY-15	Findings:	17. UG/L
Chemical:	CHROMIUM, HEXAVALENT		
Sample Collected:	13-MAY-15	Findings:	53. MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	03-JUN-15	Findings:	38. MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	01-JUL-15	Findings:	84. MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	25-AUG-15	Findings:	17. UG/L
Chemical:	CHROMIUM, HEXAVALENT		

Sample Collected:	25-AUG-15	Findings:	17. UG/L
Chemical:	CHROMIUM (TOTAL)		
Sample Collected:	25-AUG-15	Findings:	54. MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	02-SEP-15	Findings:	55. MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	18-JAN-16	Findings:	14. MG/L
Chemical:	NITRATE (AS N)		
Sample Collected:	19-JAN-16	Findings:	13. MG/L
Chemical:	NITRATE (AS N)		
Sample Collected:	20-JAN-16	Findings:	17. UG/L
Chemical:	CHROMIUM, HEXAVALENT		
Sample Collected:	20-JAN-16	Findings:	15. UG/L
Chemical:	CHROMIUM (TOTAL)		
Sample Collected:	20-JAN-16	Findings:	540. US
Chemical:	SPECIFIC CONDUCTANCE		
Sample Collected:	20-JAN-16	Findings:	7.48
Chemical:	PH, LABORATORY		
Sample Collected:	20-JAN-16	Findings:	120. MG/L
Chemical:	ALKALINITY (TOTAL) AS CACO3		
Sample Collected:	20-JAN-16	Findings:	150. MG/L
Chemical:	BICARBONATE ALKALINITY		
Sample Collected:	20-JAN-16	Findings:	13. MG/L
Chemical:	NITRATE (AS N)		
Sample Collected:	20-JAN-16	Findings:	186. MG/L
Chemical:	HARDNESS (TOTAL) AS CACO3		
Sample Collected:	20-JAN-16	Findings:	29. MG/L
Chemical:	CALCIUM		
Sample Collected:	20-JAN-16	Findings:	28. MG/L
Chemical:	MAGNESIUM		
Sample Collected:	20-JAN-16	Findings:	35. MG/L
Chemical:	SODIUM		
Sample Collected:	20-JAN-16	Findings:	1.3 MG/L
Chemical:	POTASSIUM		
Sample Collected:	20-JAN-16	Findings:	60. MG/L
Chemical:	CHLORIDE		
Sample Collected:	20-JAN-16	Findings:	34. MG/L
Chemical:	SULFATE		
Sample Collected:	20-JAN-16	Findings:	17. UG/L
Chemical:	CHROMIUM, HEXAVALENT		
Sample Collected:	20-JAN-16	Findings:	16. UG/L
Chemical:	CHROMIUM (TOTAL)		
Sample Collected:	20-JAN-16	Findings:	350. MG/L
Chemical:	TOTAL DISSOLVED SOLIDS		

Sample Collected:	20-JAN-16	Findings:	0.18 NTU
Chemical:	TURBIDITY, LABORATORY		
Sample Collected:	20-JAN-16	Findings:	11.41
Chemical:	AGGRSSIVE INDEX (CORROSIVITY)		
Sample Collected:	20-JAN-16	Findings:	1.18 PCI/L
Chemical:	GROSS ALPHA COUNTING ERROR		
Sample Collected:	20-JAN-16	Findings:	0.148 PCI/L
Chemical:	RADIUM 226 COUNTING ERROR		
Sample Collected:	20-JAN-16	Findings:	0.725 PCI/L
Chemical:	RADIUM 228 COUNTING ERROR		
Sample Collected:	20-JAN-16	Findings:	1.59 PCI/L
Chemical:	GROSS ALPHA MDA95		
Sample Collected:	20-JAN-16	Findings:	0.47 PCI/L
Chemical:	RADIUM 226 MDA95		
Sample Collected:	20-JAN-16	Findings:	0.264 PCI/L
Chemical:	RADIUM 228 MDA95		
Sample Collected:	09-MAR-16	Findings:	14. MG/L
Chemical:	NITRATE (AS N)		
Sample Collected:	09-MAR-16	Findings:	17. UG/L
Chemical:	CHROMIUM, HEXAVALENT		
Sample Collected:	09-MAR-16	Findings:	17. UG/L
Chemical:	CHROMIUM, HEXAVALENT		
Sample Collected:	09-MAR-16	Findings:	18. UG/L
Chemical:	CHROMIUM (TOTAL)		
Sample Collected:	09-MAR-16	Findings:	18. UG/L
Chemical:	CHROMIUM (TOTAL)		
Sample Collected:	04-JAN-11	Findings:	45. MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	02-FEB-11	Findings:	69. MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	09-FEB-11	Findings:	0.11 MG/L
Chemical:	FLUORIDE (F) (NATURAL-SOURCE)		
Sample Collected:	02-MAR-11	Findings:	60. MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	27-APR-11	Findings:	60. MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	04-MAY-11	Findings:	58. MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	01-JUN-11	Findings:	59. MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	06-JUL-11	Findings:	62. MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	03-AUG-11	Findings:	60. MG/L
Chemical:	NITRATE (AS NO3)		

Sample Collected:	07-SEP-11	Findings:	61. MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	26-OCT-11	Findings:	57. MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	07-DEC-11	Findings:	82. MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	04-JAN-12	Findings:	57. MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	01-FEB-12	Findings:	59. MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	07-MAR-12	Findings:	63. MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	04-APR-12	Findings:	63. MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	02-MAY-12	Findings:	62. MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	06-JUN-12	Findings:	60. MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	11-JUL-12	Findings:	65. MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	04-OCT-12	Findings:	59. MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	07-NOV-12	Findings:	59. MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	05-DEC-12	Findings:	61. MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	10-JAN-13	Findings:	64. MG/L
Chemical:	NITRATE (AS NO3)		

19
East
1/2 - 1 Mile
Higher

CA WELLS **3566**

Water System Information:

Prime Station Code:	03S/06W-02R03 M	User ID:	ENG
FRDS Number:	4110013003	County:	San Mateo
District Number:	04	Station Type:	WELL/AMBNT/MUN/INTAKE/SUPPLY
Water Type:	Well/Groundwater	Well Status:	Inactive Untreated
Source Lat/Long:	374200.0 1222800.0	Precision:	1 Mile (One Minute)
Source Name:	WELL 03 - INACTIVE		
System Number:	4110013		
System Name:	City of Daly City		
Organization That Operates System:			
	153 Lake Merced Blvd.		
	Daly City, CA 94015		
Pop Served:	92311	Connections:	21600
Area Served:	DALY CITY		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

	Database	EDR ID Number
20		
SE	**CA WELLS**	**3567**
1/2 - 1 Mile		
Higher		

Water System Information:

Prime Station Code:	03S/06W-12B01 M	User ID:	ENG
FRDS Number:	4110013011	County:	San Mateo
District Number:	04	Station Type:	WELL/AMBNT/MUN/INTAKE/SUPPLY
Water Type:	Well/Groundwater	Well Status:	Active Raw
Source Lat/Long:	374130.0 1222805.0	Precision:	0.5 Mile (30 Seconds)
Source Name:	VALE WELL		
System Number:	4110013		
System Name:	City of Daly City		
Organization That Operates System:			
	153 Lake Merced Blvd.		
	Daly City, CA 94015		
Pop Served:	92311	Connections:	21600
Area Served:	DALY CITY		
Sample Collected:	04-JAN-11	Findings:	40. MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	02-FEB-11	Findings:	35. MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	02-MAR-11	Findings:	34. MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	27-APR-11	Findings:	34. MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	04-MAY-11	Findings:	34. MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	01-JUN-11	Findings:	32. MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	06-JUL-11	Findings:	35. MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	03-AUG-11	Findings:	34. MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	07-SEP-11	Findings:	36. MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	05-OCT-11	Findings:	35. MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	07-DEC-11	Findings:	36. MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	04-JAN-12	Findings:	36. MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	01-FEB-12	Findings:	36. MG/L
Chemical:	NITRATE (AS NO3)		

Sample Collected:	07-MAR-12	Findings:	35. MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	04-APR-12	Findings:	37. MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	02-MAY-12	Findings:	36. MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	06-JUN-12	Findings:	35. MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	11-JUL-12	Findings:	37. MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	04-OCT-12	Findings:	34. MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	07-NOV-12	Findings:	34. MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	05-DEC-12	Findings:	35. MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	02-JAN-13	Findings:	37. MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	06-FEB-13	Findings:	35. MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	06-MAR-13	Findings:	38. MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	03-APR-13	Findings:	36. MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	10-APR-13	Findings:	550. US
Chemical:	SPECIFIC CONDUCTANCE		
Sample Collected:	10-APR-13	Findings:	8.21
Chemical:	PH, LABORATORY		
Sample Collected:	10-APR-13	Findings:	120. MG/L
Chemical:	ALKALINITY (TOTAL) AS CACO3		
Sample Collected:	10-APR-13	Findings:	140. MG/L
Chemical:	BICARBONATE ALKALINITY		
Sample Collected:	10-APR-13	Findings:	179. MG/L
Chemical:	HARDNESS (TOTAL) AS CACO3		
Sample Collected:	10-APR-13	Findings:	28. MG/L
Chemical:	CALCIUM		
Sample Collected:	10-APR-13	Findings:	26. MG/L
Chemical:	MAGNESIUM		
Sample Collected:	10-APR-13	Findings:	41. MG/L
Chemical:	SODIUM		
Sample Collected:	10-APR-13	Findings:	68. MG/L
Chemical:	CHLORIDE		
Sample Collected:	10-APR-13	Findings:	30. MG/L
Chemical:	SULFATE		

Sample Collected:	10-APR-13	Findings:	16. UG/L
Chemical:	CHROMIUM (TOTAL)		
Sample Collected:	10-APR-13	Findings:	350. MG/L
Chemical:	TOTAL DISSOLVED SOLIDS		
Sample Collected:	10-APR-13	Findings:	12.12
Chemical:	AGGRSSIVE INDEX (CORROSIVITY)		
Sample Collected:	01-MAY-13	Findings:	36. MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	05-JUN-13	Findings:	36. MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	03-JUL-13	Findings:	39. MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	07-AUG-13	Findings:	36. MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	04-SEP-13	Findings:	38. MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	06-NOV-13	Findings:	38. MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	08-JAN-14	Findings:	38. MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	05-FEB-14	Findings:	38. MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	05-MAR-14	Findings:	38. MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	02-APR-14	Findings:	39. MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	07-MAY-14	Findings:	37. MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	04-JUN-14	Findings:	40. MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	02-JUL-14	Findings:	39. MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	13-AUG-14	Findings:	40. MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	10-SEP-14	Findings:	39. MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	02-OCT-14	Findings:	38. MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	05-NOV-14	Findings:	38. MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	03-DEC-14	Findings:	39. MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	07-JAN-15	Findings:	38. MG/L
Chemical:	NITRATE (AS NO3)		

Sample Collected:	04-FEB-15	Findings:	39. MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	04-MAR-15	Findings:	53. MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	18-MAR-15	Findings:	17. UG/L
Chemical:	CHROMIUM, HEXAVALENT		
Sample Collected:	08-APR-15	Findings:	39. MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	13-MAY-15	Findings:	17. UG/L
Chemical:	CHROMIUM, HEXAVALENT		
Sample Collected:	13-MAY-15	Findings:	37. MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	03-JUN-15	Findings:	55. MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	01-JUL-15	Findings:	40. MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	05-AUG-15	Findings:	40. MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	25-AUG-15	Findings:	17. UG/L
Chemical:	CHROMIUM, HEXAVALENT		
Sample Collected:	25-AUG-15	Findings:	17. UG/L
Chemical:	CHROMIUM (TOTAL)		
Sample Collected:	25-AUG-15	Findings:	39. MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	02-SEP-15	Findings:	38. MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	08-OCT-15	Findings:	37. MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	21-OCT-15	Findings:	38. MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	04-NOV-15	Findings:	38. MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	05-NOV-15	Findings:	38. MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	18-NOV-15	Findings:	38. MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	01-DEC-15	Findings:	15. UG/L
Chemical:	CHROMIUM, HEXAVALENT		
Sample Collected:	01-DEC-15	Findings:	17. UG/L
Chemical:	CHROMIUM (TOTAL)		
Sample Collected:	02-DEC-15	Findings:	16. UG/L
Chemical:	CHROMIUM, HEXAVALENT		
Sample Collected:	02-DEC-15	Findings:	18. UG/L
Chemical:	CHROMIUM (TOTAL)		

Sample Collected:	02-DEC-15	Findings:	38. MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	03-DEC-15	Findings:	17. UG/L
Chemical:	CHROMIUM, HEXAVALENT		
Sample Collected:	03-DEC-15	Findings:	17. UG/L
Chemical:	CHROMIUM (TOTAL)		
Sample Collected:	04-DEC-15	Findings:	15. UG/L
Chemical:	CHROMIUM, HEXAVALENT		
Sample Collected:	04-DEC-15	Findings:	16. UG/L
Chemical:	CHROMIUM (TOTAL)		
Sample Collected:	05-DEC-15	Findings:	17. UG/L
Chemical:	CHROMIUM, HEXAVALENT		
Sample Collected:	05-DEC-15	Findings:	16. UG/L
Chemical:	CHROMIUM (TOTAL)		
Sample Collected:	06-DEC-15	Findings:	17. UG/L
Chemical:	CHROMIUM, HEXAVALENT		
Sample Collected:	06-DEC-15	Findings:	17. UG/L
Chemical:	CHROMIUM (TOTAL)		
Sample Collected:	07-DEC-15	Findings:	16. UG/L
Chemical:	CHROMIUM, HEXAVALENT		
Sample Collected:	07-DEC-15	Findings:	16. UG/L
Chemical:	CHROMIUM (TOTAL)		
Sample Collected:	08-DEC-15	Findings:	17. UG/L
Chemical:	CHROMIUM, HEXAVALENT		
Sample Collected:	08-DEC-15	Findings:	17. UG/L
Chemical:	CHROMIUM (TOTAL)		
Sample Collected:	09-DEC-15	Findings:	16. UG/L
Chemical:	CHROMIUM, HEXAVALENT		
Sample Collected:	09-DEC-15	Findings:	18. UG/L
Chemical:	CHROMIUM (TOTAL)		
Sample Collected:	10-DEC-15	Findings:	15. UG/L
Chemical:	CHROMIUM, HEXAVALENT		
Sample Collected:	10-DEC-15	Findings:	16. UG/L
Chemical:	CHROMIUM (TOTAL)		
Sample Collected:	11-DEC-15	Findings:	16. UG/L
Chemical:	CHROMIUM, HEXAVALENT		
Sample Collected:	11-DEC-15	Findings:	17. UG/L
Chemical:	CHROMIUM (TOTAL)		
Sample Collected:	12-DEC-15	Findings:	15. UG/L
Chemical:	CHROMIUM, HEXAVALENT		
Sample Collected:	12-DEC-15	Findings:	17. UG/L
Chemical:	CHROMIUM (TOTAL)		
Sample Collected:	13-DEC-15	Findings:	15. UG/L
Chemical:	CHROMIUM, HEXAVALENT		

Sample Collected:	13-DEC-15	Findings:	17. UG/L
Chemical:	CHROMIUM (TOTAL)		
Sample Collected:	14-DEC-15	Findings:	15. UG/L
Chemical:	CHROMIUM, HEXAVALENT		
Sample Collected:	14-DEC-15	Findings:	16. UG/L
Chemical:	CHROMIUM (TOTAL)		
Sample Collected:	15-DEC-15	Findings:	15. UG/L
Chemical:	CHROMIUM, HEXAVALENT		
Sample Collected:	15-DEC-15	Findings:	16. UG/L
Chemical:	CHROMIUM (TOTAL)		
Sample Collected:	16-DEC-15	Findings:	16. UG/L
Chemical:	CHROMIUM, HEXAVALENT		
Sample Collected:	16-DEC-15	Findings:	14. UG/L
Chemical:	CHROMIUM (TOTAL)		
Sample Collected:	18-DEC-15	Findings:	16. UG/L
Chemical:	CHROMIUM, HEXAVALENT		
Sample Collected:	18-DEC-15	Findings:	17. UG/L
Chemical:	CHROMIUM (TOTAL)		
Sample Collected:	19-DEC-15	Findings:	16. UG/L
Chemical:	CHROMIUM, HEXAVALENT		
Sample Collected:	19-DEC-15	Findings:	17. UG/L
Chemical:	CHROMIUM (TOTAL)		
Sample Collected:	06-JAN-16	Findings:	8.1 MG/L
Chemical:	NITRATE (AS N)		
Sample Collected:	06-JAN-16	Findings:	15. UG/L
Chemical:	CHROMIUM (TOTAL)		
Sample Collected:	06-JAN-16	Findings:	16. UG/L
Chemical:	CHROMIUM, HEXAVALENT		
Sample Collected:	03-FEB-16	Findings:	16. UG/L
Chemical:	CHROMIUM, HEXAVALENT		
Sample Collected:	03-FEB-16	Findings:	17. UG/L
Chemical:	CHROMIUM (TOTAL)		
Sample Collected:	03-FEB-16	Findings:	550. US
Chemical:	SPECIFIC CONDUCTANCE		
Sample Collected:	03-FEB-16	Findings:	7.99
Chemical:	PH, LABORATORY		
Sample Collected:	03-FEB-16	Findings:	120. MG/L
Chemical:	ALKALINITY (TOTAL) AS CACO3		
Sample Collected:	03-FEB-16	Findings:	150. MG/L
Chemical:	BICARBONATE ALKALINITY		
Sample Collected:	03-FEB-16	Findings:	8.9 MG/L
Chemical:	NITRATE (AS N)		
Sample Collected:	03-FEB-16	Findings:	190. MG/L
Chemical:	HARDNESS (TOTAL) AS CACO3		

Sample Collected:	03-FEB-16	Findings:	29. MG/L
Chemical:	CALCIUM		
Sample Collected:	03-FEB-16	Findings:	28. MG/L
Chemical:	MAGNESIUM		
Sample Collected:	03-FEB-16	Findings:	43. MG/L
Chemical:	SODIUM		
Sample Collected:	03-FEB-16	Findings:	1.9 MG/L
Chemical:	POTASSIUM		
Sample Collected:	03-FEB-16	Findings:	73. MG/L
Chemical:	CHLORIDE		
Sample Collected:	03-FEB-16	Findings:	33. MG/L
Chemical:	SULFATE		
Sample Collected:	03-FEB-16	Findings:	16. UG/L
Chemical:	CHROMIUM, HEXAVALENT		
Sample Collected:	03-FEB-16	Findings:	18. UG/L
Chemical:	CHROMIUM (TOTAL)		
Sample Collected:	03-FEB-16	Findings:	330. MG/L
Chemical:	TOTAL DISSOLVED SOLIDS		
Sample Collected:	03-FEB-16	Findings:	11.95
Chemical:	AGGRSSIVE INDEX (CORROSIVITY)		
Sample Collected:	03-FEB-16	Findings:	1.31 PCI/L
Chemical:	GROSS ALPHA COUNTING ERROR		
Sample Collected:	03-FEB-16	Findings:	0.185 PCI/L
Chemical:	RADIUM 226 COUNTING ERROR		
Sample Collected:	03-FEB-16	Findings:	0.593 PCI/L
Chemical:	RADIUM 228 COUNTING ERROR		
Sample Collected:	03-FEB-16	Findings:	1.06 PCI/L
Chemical:	GROSS ALPHA MDA95		
Sample Collected:	03-FEB-16	Findings:	0.47 PCI/L
Chemical:	RADIUM 226 MDA95		
Sample Collected:	03-FEB-16	Findings:	0.2 PCI/L
Chemical:	RADIUM 228 MDA95		
Sample Collected:	02-MAR-16	Findings:	16. UG/L
Chemical:	CHROMIUM, HEXAVALENT		
Sample Collected:	02-MAR-16	Findings:	18. UG/L
Chemical:	CHROMIUM (TOTAL)		
Sample Collected:	02-MAR-16	Findings:	8.7 MG/L
Chemical:	NITRATE (AS N)		
Sample Collected:	20-APR-16	Findings:	8.6 MG/L
Chemical:	NITRATE (AS N)		
Sample Collected:	20-APR-16	Findings:	17. UG/L
Chemical:	CHROMIUM, HEXAVALENT		
Sample Collected:	20-APR-16	Findings:	20. UG/L
Chemical:	CHROMIUM (TOTAL)		

Sample Collected:	04-MAY-16	Findings:	8.7 MG/L
Chemical:	NITRATE (AS N)		
Sample Collected:	04-MAY-16	Findings:	16. UG/L
Chemical:	CHROMIUM, HEXAVALENT		
Sample Collected:	04-MAY-16	Findings:	16. UG/L
Chemical:	CHROMIUM (TOTAL)		
Sample Collected:	01-JUN-16	Findings:	8.6 MG/L
Chemical:	NITRATE (AS N)		
Sample Collected:	01-JUN-16	Findings:	15. UG/L
Chemical:	CHROMIUM, HEXAVALENT		
Sample Collected:	01-JUN-16	Findings:	16. UG/L
Chemical:	CHROMIUM (TOTAL)		
Sample Collected:	15-JUN-16	Findings:	16. UG/L
Chemical:	CHROMIUM, HEXAVALENT		
Sample Collected:	15-JUN-16	Findings:	21. UG/L
Chemical:	CHROMIUM (TOTAL)		
Sample Collected:	29-JUN-16	Findings:	16. UG/L
Chemical:	CHROMIUM, HEXAVALENT		
Sample Collected:	29-JUN-16	Findings:	16. UG/L
Chemical:	CHROMIUM (TOTAL)		
Sample Collected:	07-JUL-16	Findings:	8.6 MG/L
Chemical:	NITRATE (AS N)		
Sample Collected:	13-JUL-16	Findings:	14. UG/L
Chemical:	CHROMIUM, HEXAVALENT		
Sample Collected:	13-JUL-16	Findings:	17. UG/L
Chemical:	CHROMIUM (TOTAL)		
Sample Collected:	27-JUL-16	Findings:	16. UG/L
Chemical:	CHROMIUM, HEXAVALENT		
Sample Collected:	27-JUL-16	Findings:	16. UG/L
Chemical:	CHROMIUM (TOTAL)		
Sample Collected:	10-AUG-16	Findings:	8.2 MG/L
Chemical:	NITRATE (AS N)		
Sample Collected:	10-AUG-16	Findings:	16. UG/L
Chemical:	CHROMIUM, HEXAVALENT		
Sample Collected:	10-AUG-16	Findings:	15. UG/L
Chemical:	CHROMIUM (TOTAL)		
Sample Collected:	24-AUG-16	Findings:	16. UG/L
Chemical:	CHROMIUM, HEXAVALENT		
Sample Collected:	24-AUG-16	Findings:	15. UG/L
Chemical:	CHROMIUM (TOTAL)		
Sample Collected:	14-SEP-16	Findings:	8.6 MG/L
Chemical:	NITRATE (AS N)		
Sample Collected:	14-SEP-16	Findings:	16. UG/L
Chemical:	CHROMIUM, HEXAVALENT		

Sample Collected:	14-SEP-16	Findings:	17. UG/L
Chemical:	CHROMIUM (TOTAL)		
Sample Collected:	21-SEP-16	Findings:	16. UG/L
Chemical:	CHROMIUM, HEXAVALENT		
Sample Collected:	21-SEP-16	Findings:	16. UG/L
Chemical:	CHROMIUM (TOTAL)		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS
RADON

AREA RADON INFORMATION

State Database: CA Radon

Radon Test Results

Zipcode	Num Tests	> 4 pCi/L
94015	42	0

Federal EPA Radon Zone for SAN MATEO County: 2

Note: Zone 1 indoor average level > 4 pCi/L.
: Zone 2 indoor average level >= 2 pCi/L and <= 4 pCi/L.
: Zone 3 indoor average level < 2 pCi/L.

Federal Area Radon Information for Zip Code: 94015

Number of sites tested: 1

Area	Average Activity	% <4 pCi/L	% 4-20 pCi/L	% >20 pCi/L
Living Area - 1st Floor	-0.100 pCi/L	100%	0%	0%
Living Area - 2nd Floor	0.000 pCi/L	100%	0%	0%
Basement	Not Reported	Not Reported	Not Reported	Not Reported

PHYSICAL SETTING SOURCE RECORDS SEARCHED

TOPOGRAPHIC INFORMATION

USGS 7.5' Digital Elevation Model (DEM)
Source: United States Geologic Survey
EDR acquired the USGS 7.5' Digital Elevation Model in 2002 and updated it in 2006. The 7.5 minute DEM corresponds to the USGS 1:24,000- and 1:25,000-scale topographic quadrangle maps. The DEM provides elevation data with consistent elevation units and projection.

Current USGS 7.5 Minute Topographic Map
Source: U.S. Geological Survey

HYDROLOGIC INFORMATION

Flood Zone Data: This data was obtained from the Federal Emergency Management Agency (FEMA). It depicts 100-year and 500-year flood zones as defined by FEMA. It includes the National Flood Hazard Layer (NFHL) which incorporates Flood Insurance Rate Map (FIRM) data and Q3 data from FEMA in areas not covered by NFHL.
Source: FEMA
Telephone: 877-336-2627
Date of Government Version: 2003, 2015

NWI: National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 2002, 2005 and 2010 from the U.S. Fish and Wildlife Service.

State Wetlands Data: Wetland Inventory
Source: Department of Fish & Game
Telephone: 916-445-0411

HYDROGEOLOGIC INFORMATION

AQUIFLOW^{R} Information System
Source: EDR proprietary database of groundwater flow information
EDR has developed the AQUIFLOW Information System (AIS) to provide data on the general direction of groundwater flow at specific points. EDR has reviewed reports submitted to regulatory authorities at select sites and has extracted the date of the report, hydrogeologically determined groundwater flow direction and depth to water table information.

GEOLOGIC INFORMATION

Geologic Age and Rock Stratigraphic Unit
Source: P.G. Schruben, R.E. Arndt and W.J. Bawiec, Geology of the Conterminous U.S. at 1:2,500,000 Scale - A digital representation of the 1974 P.B. King and H.M. Beikman Map, USGS Digital Data Series DDS - 11 (1994).

STATSGO: State Soil Geographic Database
Source: Department of Agriculture, Natural Resources Conservation Service (NRCS)
The U.S. Department of Agriculture's (USDA) Natural Resources Conservation Service (NRCS) leads the national Conservation Soil Survey (NCSS) and is responsible for collecting, storing, maintaining and distributing soil survey information for privately owned lands in the United States. A soil map in a soil survey is a representation of soil patterns in a landscape. Soil maps for STATSGO are compiled by generalizing more detailed (SSURGO) soil survey maps.

SSURGO: Soil Survey Geographic Database
Source: Department of Agriculture, Natural Resources Conservation Service (NRCS)
Telephone: 800-672-5559
SSURGO is the most detailed level of mapping done by the Natural Resources Conservation Service, mapping scales generally range from 1:12,000 to 1:63,360. Field mapping methods using national standards are used to construct the soil maps in the Soil Survey Geographic (SSURGO) database. SSURGO digitizing duplicates the original soil survey maps. This level of mapping is designed for use by landowners, townships and county natural resource planning and management.

PHYSICAL SETTING SOURCE RECORDS SEARCHED

LOCAL / REGIONAL WATER AGENCY RECORDS

FEDERAL WATER WELLS

PWS: Public Water Systems
Source: EPA/Office of Drinking Water
Telephone: 202-564-3750
Public Water System data from the Federal Reporting Data System. A PWS is any water system which provides water to at least 25 people for at least 60 days annually. PWSs provide water from wells, rivers and other sources.

PWS ENF: Public Water Systems Violation and Enforcement Data
Source: EPA/Office of Drinking Water
Telephone: 202-564-3750
Violation and Enforcement data for Public Water Systems from the Safe Drinking Water Information System (SDWIS) after August 1995. Prior to August 1995, the data came from the Federal Reporting Data System (FRDS).

USGS Water Wells: USGS National Water Inventory System (NWIS)
This database contains descriptive information on sites where the USGS collects or has collected data on surface water and/or groundwater. The groundwater data includes information on wells, springs, and other sources of groundwater.

STATE RECORDS

Water Well Database
Source: Department of Water Resources
Telephone: 916-651-9648

California Drinking Water Quality Database
Source: Department of Public Health
Telephone: 916-324-2319
The database includes all drinking water compliance and special studies monitoring for the state of California since 1984. It consists of over 3,200,000 individual analyses along with well and water system information.

OTHER STATE DATABASE INFORMATION

California Oil and Gas Well Locations
Source: Department of Conservation
Telephone: 916-323-1779
Oil and Gas well locations in the state.

RADON

State Database: CA Radon
Source: Department of Health Services
Telephone: 916-324-2208
Radon Database for California

Area Radon Information
Source: USGS
Telephone: 703-356-4020
The National Radon Database has been developed by the U.S. Environmental Protection Agency (USEPA) and is a compilation of the EPA/State Residential Radon Survey and the National Residential Radon Survey. The study covers the years 1986 - 1992. Where necessary data has been supplemented by information collected at private sources such as universities and research institutions.

EPA Radon Zones
Source: EPA
Telephone: 703-356-4020
Sections 307 & 309 of IRAA directed EPA to list and identify areas of U.S. with the potential for elevated indoor radon levels.

PHYSICAL SETTING SOURCE RECORDS SEARCHED

OTHER

Airport Landing Facilities: Private and public use landing facilities
Source: Federal Aviation Administration, 800-457-6656

Epicenters: World earthquake epicenters, Richter 5 or greater
Source: Department of Commerce, National Oceanic and Atmospheric Administration

California Earthquake Fault Lines: The fault lines displayed on EDR's Topographic map are digitized quaternary fault lines, prepared in 1975 by the United State Geological Survey. Additional information (also from 1975) regarding activity at specific fault lines comes from California's Preliminary Fault Activity Map prepared by the California Division of Mines and Geology.

STREET AND ADDRESS INFORMATION

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APPENDIX B

Freedom of Information Act/Public Records Inquiries and Responses

February 8, 2017 9:44am

Gabe Matson called the North County Fire Department at (650)991-8138 to make a public records request. Gabe spoke with Erin who informed him that records requests could be made in person, without appointment Monday-Friday 7am-5pm at 10 Wembly Drive, Daly City CA.

From: Gabriel Matson
Sent: Tuesday, February 14, 2017 8:42 AM
To: 'envhealth@smcgov.org'
Subject: Public Records Request for Daly City Addresses

Hello,

I will be conducting a Phase I Environmental Site Assessment for the Westlake Shopping Center in Daly City, CA which includes following addresses:
239 Westlake Center
243 Westlake Center
213 Westlake Center
42 Park Plaza Dr, Suite 325
30 Park Plaza Dr
34 Park Plaza Dr
201 Westlake Center
36 Park Plaza Dr
321 S Mayfair Ave, Suite 227
42 Park Plaza Dr
215 Westlake Center
32 Park Plaza Dr
235 Westlake Center
247 Westlake Center
38 Park Plaza Dr
311 Lake Merced Blvd
341 S Mayfair Avenue
213 Westlake Center
311 Lake Merced Blvd
311 Lake Merced Blvd
44 Park Plaza Drive
34 Park Plaza Dr
201 Westlake Center
36 Park Plaza Dr
227 Westlake Center

We are interested in all the files available from this property for the entire history of the address.

If you have any questions feel free to call me.

Thank you,

Gabe Matson |Staff Geologist |Roux Associates, Inc.
555 12th Street, Suite 1725 | Oakland, California 94607
Tel: 415-967-6000 | Direct: 415-967-6026 | Cell: 925-768-6067 | Fax: 415-967-6001
Email: gmatson@rouxinc.com | Website: www.rouxinc.com

We solve our clients' most challenging environmental problems.

From: HS_EH_EnvHealth
To: Gabriel Matson
Subject: RE: 2 File Review requests
Date: Tuesday, February 21, 2017 8:14:14 AM
Attachments: 213 Westlake Center.zip

Hi,

Tha records that I emailed last week were attached to the email. The additional files that for an additional request were too large to email. They were burned onto a CD and mailed to you last week.

I will send the emailed files again with this email. 213 Westage Center attached in pdf format. Thank you.

Jean DeTar
OA II
San Mateo County Environmental Health Dept.
2000 Alameda de las Pulgas
Suite 100
San Mateo, CA 94403
Main Tel: (650)372-6200
Fax: (650)627-8244

From: Gabriel Matson [mailto:gmatson@rouxinc.com]
Sent: Monday, February 20, 2017 1:28 PM
To: HS_EH_EnvHealth <EnvHealth@smcgov.org>
Subject: RE: 2 File Review requests

Hi Jean,

Thank you for the response. This is my first time requesting records from the San Mateo EHD, so just to clarify: how may I view these records?

Thank you,

Gabe

Gabe Matson |Staff Geologist |Roux Associates, Inc.
555 12th Street, Suite 1725 | Oakland, California 94607
Tel: 415-967-6000 | Direct: 415-967-6026 | Cell: 925-768-6067 | Fax: 415-967-6001
Email: gmatson@rouxinc.com | Website: www.rouxinc.com

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From: HS_EH_EnvHealth [mailto:EnvHealth@smcgov.org]
Sent: Friday, February 17, 2017 9:38 AM
To: Gabriel Matson
Subject: 2 File Review requests

Mr. Matson :

The records request **(SR0020021**) you submitted for properties in Daly City is complete. We have Hazardous Materials files for
213 Westlake Center, which are attached in pdf format.

If you have any questions regarding the records/ files contact the Hazardous Materials Inspector, Monica Banning at 650-207-8741/Jake Madden at 650-399-5959.

We have no Hazmat or Groundwater files for; 239, 243, 201 Westlake Center; 321 Mayfair Ave;
30, 34, 36, 42 Park Plaza Drive.

(SR0020022)
We have no Hazmat or Groundwater files for 227 Westlake Center, Daly City.

Jean DeTar
Office Assistant II
San Mateo County Environmental Health Dept.
2000 Alameda de las Pulgas
Suite 100
San Mateo, CA 94403
Main Tel: (650)372-6200
Fax: (650)627-8244

We want to hear from you so we can provide the best customer service. Please fill out the survey here.

ENVIRONMENTAL HEALTH
SAN MATEO COUNTY

Protecting Our Health and Environment

PERMIT 14- 1995

CERTIFIED UNIFIED PROGRAM AGENCY

THIS PERMIT IS ISSUED FOR THE FOLLOWING:

2160 PR0077151 STORES MV FUELS OR WASTE ONLY

FACILITY:

Chipotle Mexican Grill #1102
213 Westlake Ctr
Daly City, CA 94015

OWNER:

Chipotle Mexican Grill, Inc.
1401 Wynkoop St., Suite 500
Denver CO 80202

FA0035251

DATE ISSUED: 10/1/2014

EXPIRATION DATE: 10/1/2019

Heather Forshey, MS, REHS
DIRECTOR, ENVIRONMENTAL HEALTH SERVICES

THIS PERMIT IS NONTRANSFERABLE AND MUST BE POSTED ON-SITE IN A CONSPICUOUS PLACE

ENVIRONMENTAL HEALTH
SAN MATEO COUNTY

Protecting Our Health and Environment

PERMIT CONDITIONS

2000 Alameda de las Pulgas, Ste. 100, San Mateo, CA 94403

Facility Identification Number: FA0035251

*In order to maintain the **Permit to Operate**, the permit holder must comply with the following provisions of related laws concerning management of hazardous materials. Any violation of the conditions may be cause for revocation of the **Permit to operate.***

a. **Hazardous Materials Business Plan Program:** California Health and Safety Code, Division 20, Chapter 6.95, Article 1 and Title 19 Calfornia Code of Regulations.
b. **California Accidental Release Prevention Program (Cal-ARP)**: California Health and Safety Code, Division 20, Chapter 6.95, Article 2 and Title 19, California Code of Regulations.
c. **Hazardous Waste Generator Program**: California Health and Safety Code, Division 20, Chapter 6.5, Articles 1-13, Section 25100 et seq., and Title 22, California Code of Regulations, Chapter 20
d. **Aboveground Petroleum ACT SPCC Plans**: California Health and Safety Code, Division 20, Chapter 6.67 and 40 CFR 112.
e. **Tiered Permit On-Site Hazardous Waste Treatment**: California Health and Safety Code, Division 20, Chapter 6.5 Article 9, and Title 22 California Code of Regulations, Chapter 20

The Permit to Operate is to be maintained on-site and is valid for a period of five (5) years.

COUNTY OF SAN MATEO
HEALTH SYSTEM

Heather Forshey, MS, REHS
Director

Environmental Health
2000 Alameda de las Pulgas
Suite 100
San Mateo, CA 94403
www.smchealth.org
www.facebook.com/smchealth

November 07, 2016

Certified #: 70150640000709597064

NOTICE OF VIOLATION

Chipotle Mexican Grill, Inc.
1401 Wynkoop St., Suite 500
ATTN LICENSING
Denver, CO 80202

Subject Site: FA0035251, Chipotle Mexican Grill #1102 213 Westlake Ctr, Daly City

San Mateo County Environmental Health Services performed Hazardous Material inspections of the above-referenced facility on July 29, 2014 and September 15, 2016. During the inspections, the following violations were noted:

Hazardous Materials Business Plan (California Health & Safety Code, Division 20, Chapter 6.95 and California Code of Regulations, Title 19)

1. Failure to (1) provide initial training and annual training, including refresher courses, to all employees in safety procedures in the event of a release or threatened release of a hazardous material, including, but not limited to, the Emergency Response Plan, and (2) document electronically or by hard copy and make available for a minimum of three years. HSC 6.95 25505(a)(4)

   Violation Comments: resubmit detailed training plan and implement it.

2. Failure to notify property owner in writing that the business is subject to the business plan program and has complied with its provisions. HSC 6.95 25505.1

   Violation Comments: OBSERVATION: Failure to notify property owner in writing that the business is subject to the business plan program and has complied with its provisions. CORRECTIVE ACTION: Provide verification to the County within 30 days that the property owner has been properly notified.

3. Failure to (1) provide initial training and annual training, including refresher courses, to all employees in safety procedures in the event of a release or threatened release of a hazardous material, including, but not limited to, the Emergency Response Plan, and (2) document electronically or by hard copy and make available for a minimum of three years. HSC 6.95 25505(a)(4)

Violation Comments: Apprentice Lea stated she has not been trained in CO2 hazards. [INITIAL / ANNUAL] training documentation for all applicable employees was not available. CORRECTIVE ACTION: Submit documentation to the County within 30 days demonstrating that employees have received training on safe handling of hazardous materials and the Emergency Response Plan.

The above listed items are violations of the California Health and Safety Code and the California Code of Regulations. Your failure to submit documentation of compliance or request a reinspection of all the violations listed above within 15 days of the receipt of this notice will result in an Administrative Enforcement Order, or a referral for further enforcement action. **Re-inspection fee of $167.00 may apply for facilities failing to provide documentation of corrective action <15 days.**

Please Note: There are Civil and Criminal penalties for failure to comply with California Health and Safety Code and/or California Code of Regulations.

(A) Failure to comply with Hazardous Materials Business Plan requirements may result in a civil penalty not to exceed two thousand dollars ($2,000) for each day in which the violation occurs. Any business that knowingly violates the requirements, after notice of violation, may be assessed in an amount not to exceed five thousand dollars ($5,000) for each day in which the violation occurs.

If you have any questions about what you must do to correct the above violations, please contact me at (650) 207-8741 or MBANNING@SMCGOV.ORG.

Signed,

Monica Banning
Hazardous Materials Specialist

Chipotle Mexican Grill #1102 (CERSID: 10506763)

Facility Information **Accepted Jan 27, 2017**

Submitted on 1/26/2017 3:34:32 PM by *Paul Hastings* of Chipotle Mexican Grill (Denver, CO)
Submittal was ***Accepted*** on 1/27/2017 7:44:51 AM by Monica Banning

- Business Activities
- Business Owner/Operator Identification

Hazardous Materials Inventory **Accepted Jan 27, 2017**

Submitted on 1/26/2017 3:34:32 PM by *Paul Hastings* of Chipotle Mexican Grill (Denver, CO)
Submittal was ***Accepted*** on 1/27/2017 7:44:55 AM by Monica Banning

- Hazardous Material Inventory (1)
- Site Map (Official Use Only)
  - *Annotated Site Map (Official Use Only)* (Adobe PDF, 353KB)

Emergency Response and Training Plans **Accepted Jan 27, 2017**

Submitted on 1/26/2017 3:34:32 PM by *Paul Hastings* of Chipotle Mexican Grill (Denver, CO)
Submittal was ***Accepted*** on 1/27/2017 7:44:58 AM by Monica Banning

- Emergency Response/Contingency Plan
  - *Emergency Response/Contingency Plan* (Adobe PDF, 118KB)
- Employee Training Plan
  - *Employee Training Plan* (Adobe PDF, 46KB)

California Environmental Reporting System (CERS) — Business Activities

Site Identification

Chipotle Mexican Grill #1102
213 Westlake Ctr
Daly City, CA 94015

County
San Mateo

CERS ID
10506763

EPA ID Number

Submittal Status

Submitted on 1/26/2017 by *Paul Hastings* of Chipotle Mexican Grill (Denver, CO)
Submittal was ***Accepted***; Processed on 1/27/2017 by *Monica Banning* for San Mateo County Environmental Health

Hazardous Materials

Does your facility have on site (for any purpose) at any one time, hazardous materials at or above 55 gallons for liquids, 500 pounds for solids, or 200 cubic feet for compressed gases (include liquids in ASTs and USTs); or is regulated under more restrictive inventory local reporting requirements (shown below if present); or the applicable Federal threshold quantity for an extremely hazardous substance specified in 40 CFR Part 355, Appendix A or B; or handle radiological materials in quantities for which an emergency plan is required pursuant to 10 CFR Parts 30, 40 or 70?	**Yes**

Underground Storage Tank(s) (UST)

Does your facility own or operate underground storage tanks?	**No**

Hazardous Waste

Is your facility a Hazardous Waste Generator?	**No**
Does your facility treat hazardous waste on-site?	**No**
Is your facility's treatment subject to financial assurance requirements (for Permit by Rule and Conditional Authorization)?	**No**
Does your facility consolidate hazardous waste generated at a remote site?	**No**
Does your facility need to report the closure/removal of a tank that was classified as hazardous waste and cleaned on-site?	**No**
Does your facility generate in any single calendar month 1,000 kilograms (kg) (2,200 pounds) or more of federal RCRA hazardous waste, or generate in any single calendar month, or accumulate at any time, 1 kg (2.2 pounds) of RCRA acute hazardous waste; or generate or accumulate at any time more than 100 kg (220 pounds) of spill cleanup materials contaminated with RCRA acute hazardous waste.	**No**
Is your facility a Household Hazardous Waste (HHW) Collection site?	**No**

Excluded and/or Exempted Materials

Does your facility recycle more than 100 kg/month of excluded or exempted recyclable materials (per HSC 25143.2)?	**No**
Does your facility own or operate ASTs above these thresholds? Store greater than 1,320 gallons of petroleum products (new or used) in aboveground tanks or containers.	**No**
Does your facility have Regulated Substances stored onsite in quantities greater than the threshold quantities established by the California Accidental Release prevention Program (CalARP)?	**No**

Additional Information

No additional comments provided.

Facility/Site

Chipotle Mexican Grill #1102
213 Westlake Ctr
Daly City, CA 94015

CERS ID
10506763

Submittal Status

Submitted on 1/26/2017 by *Paul Hastings* of Chipotle Mexican Grill (Denver, CO)
Submittal was ***Accepted***; Processed on 1/27/2017 by *Monica Banning* for San Mateo County Environmental Health

Identification

Chipotle Mexican Grill #1102

Operator Phone	Business Phone	Business Fax
(650) 757-4587	(303) 595-4000	(650) 757-6396

Beginning Date	Ending Date	
Dun & Bradstreet	**SIC Code**	**Primary NAICS**
	5812	722513

Facility/Site Mailing Address

1401 Wynkoop St., Suite 500
Denver, CO 80202

Primary Emergency Contact

Ashley Gibbs
Title
General Manager

Business Phone	24-Hour Phone	Pager Number
(650) 757-4587	(626) 327-1195	

Owner

Chipotle Mexican Grill, Inc.
(303) 595-4000
1401 Wynkoop St., Suite 500
Denver, CO 80202

Secondary Emergency Contact

Mike Nuesca
Title
Facilities Manager

Business Phone	24-Hour Phone	Pager Number
(303) 595-4000	(310) 873-8071	

Billing Contact

Licensing
(303) 222-5994 licensing@chipotle.com
1401 Wynkoop St., Suite 500
Denver, CO 80202

Environmental Contact

Kim Oganesyan
(303) 222-2524 licensing@chipotle.com
1401 Wynkoop St., Suite 500
Denver, CO 80202

Name of Signer	Signer Title	Document Preparer
Sam Smith	Facilities Coordinator	Sam Smith

Additional Information

Locally-collected Fields

Some or all of the following fields may be required by your local regulator(s).

Property Owner

Kimco Westlake L.P.
Phone

Mailing Address
75 Southgate Avenue
Daly City, CA 94015

Assessor Parcel Number (APN)

Number of Employees
25

Facility ID

Hazardous Materials And Wastes Inventory Matrix Report

CERS Business/Org. **Chipotle Mexican Grill**
Facility Name **Chipotle Mexican Grill #1102**
213 Westlake Ctr, Daly City 94015

Chemical Location **in south storage area**

CERS ID **10506763**
Facility ID
Status **Submitted** on 1/26/2017 3:34 PM

DOT Code/Fire Haz. Class	Common Name	Unit	Quantities: Max. Daily	Quantities: Largest Cont.	Quantities: Avg. Daily	Annual Waste Amount	Federal Hazard Categories	Hazardous Components (For mixture only): Component Name	% Wt	EHS	CAS No.
DOT: 2.2 - Nonflammable Gases Cryogen, Other Health Hazard, Irritant	**Carbon Dioxide, Liquid** CAS No 124-38-9	**Gallons** State Liquid Type Pure	**53.92** Storage Container Cylinder Days on Site: 365	**53.92**	35.94 Pressue > Ambient Temperature < Ambient	Waste Code	- Pressure Release - Acute Health - Chronic health	Carbon dioxide	100 %		124-38-9

CALIFORNIA ENVIRONMENTAL REPORTING SYSTEM (CERS)

CONSOLIDATED EMERGENCY RESPONSE / CONTINGENCY PLAN

Prior to completing this Plan, please refer to the INSTRUCTIONS FOR COMPLETING A CONSOLIDATED CONTINGENCY PLAN

A. FACILITY IDENTIFICATION AND OPERATIONS OVERVIEW

FACILITY ID #	1. CERS ID	A1. DATE OF PLAN PREPARATION/REVISION A2.
	10506763	3/30/2015

BUSINESS NAME *(Same as Facility Name or DBA - Doing Business As)* 3.
Chipotle Mexican Grill #1102

BUSINESS SITE ADDRESS 103.
213 Westlake Center

BUSINESS SITE CITY 104.		ZIP CODE 105.
Daly City	CA	94015

TYPE OF BUSINESS (e.g., Painting Contractor) A3.	INCIDENTAL OPERATIONS (e.g., Fleet Maintenance) A4.
Fast Casual Mexican Restaurant	

THIS PLAN COVERS CHEMICAL SPILLS, FIRES, AND EARTHQUAKES INVOLVING: (Check all that apply) A5.

☒ 1. HAZARDOUS MATERIALS; ☐ 2. HAZARDOUS WASTES

B. INTERNAL RESPONSE

INTERNAL FACILITY EMERGENCY RESPONSE WILL OCCUR VIA: (Check all that apply) B1.

☒ 1. CALLING PUBLIC EMERGENCY RESPONDERS (i.e., 9-1-1)
☐ 2. CALLING HAZARDOUS WASTE CONTRACTOR
☐ 3. ACTIVATING IN-HOUSE EMERGENCY RESPONSE TEAM

C. EMERGENCY COMMUNICATIONS, PHONE NUMBERS AND NOTIFICATIONS

Whenever there is an imminent or actual emergency situation such as an explosion, fire, or release, the Emergency Coordinator (or his/her designee when the Emergency Coordinator is on call) shall:

1. Activate internal facility alarms or communications systems, where applicable, to notify all facility personnel.
2. Notify appropriate local authorities (i.e., call 9-1-1).
3. Notify the California Emergency Management Agency at (800) 852-7550.

Before facility operations are resumed in areas of the facility affected by the incident, the emergency coordinator shall notify the California Department of Toxic Substances Control (DTSC), the local Unified Program Agency (UPA), and the local fire department's hazardous materials program that the facility is in compliance with requirements to:

1. Provide for proper storage and disposal of recovered waste, contaminated soil or surface water, or any other material that results from an explosion, fire, or release at the facility; and
2. Ensure that no material that is incompatible with the released material is transferred, stored, or disposed of in areas of the facility affected by the incident until cleanup procedures are completed.

INTERNAL FACILITY EMERGENCY COMMUNICATIONS OR ALARM NOTIFICATION WILL OCCUR VIA: (Check all that apply) C1.

☒ 1. VERBAL WARNINGS;	☐ 2. PUBLIC ADDRESS OR INTERCOM SYSTEM;	☒ 3. TELEPHONE;
☐ 4. PAGERS;	☐ 5. ALARM SYSTEM;	☐ 6. PORTABLE RADIO

NOTIFICATIONS TO NEIGHBORING FACILITIES THAT MAY BE AFFECTED BY AN OFF-SITE RELEASE WILL OCCUR BY: (Check all that apply) C2.

☒ 1. VERBAL WARNINGS;	☐ 2. PUBLIC ADDRESS OR INTERCOM SYSTEM;	☒ 3. TELEPHONE;
☐ 4. PAGERS;	☐ 5. ALARM SYSTEM;	☐ 6. PORTABLE RADIO

EMERGENCY RESPONSE PHONE NUMBERS:

AMBULANCE, FIRE, POLICE AND CHP	9-1-1
CALIFORNIA EMERGENCY MANAGEMENT AGENCY (CAL/EMA)	(800) 852-7550
NATIONAL RESPONSE CENTER (NRC)	(800) 424-8802
POISON CONTROL CENTER	(800) 222-1222
LOCAL UNIFIED PROGRAM AGENCY (UPA/CUPA)	(650) 372-6200 C3.
OTHER (Specify): C4.	C5.

NEAREST MEDICAL FACILITY / HOSPITAL NAME: Seton Medical Center C6. (650) 992-4000 C7.

AGENCY NOTIFICATION PHONE NUMBERS:

CALIFORNIA DEPT. OF TOXIC SUBSTANCES CONTROL (DTSC)	(916) 255-3545
REGIONAL WATER QUALITY CONTROL BOARD	C8.
U.S. ENVIRONMENTAL PROTECTION AGENCY (US EPA)	(800) 300-2193
CALIFORNIA DEPT OF FISH AND GAME (DFG)	(916) 358-2900
U.S. COAST GUARD	(202) 267-2180
CAL/OSHA	(916) 263-2800
STATE FIRE MARSHAL	(916) 445-8200
OTHER (Specify): C9.	C10.
OTHER (Specify): C11.	C12.

D. EMERGENCY CONTAINMENT AND CLEANUP PROCEDURES

SPILL PREVENTION, CONTAINMENT, AND CLEANUP PROCEDURES: (Check all boxes that apply to indicate your procedures for containing spills, releases, fires or explosions; and. preventing and mitigating associated harm to persons, property, and the environment.)

D1.

- [x] 1. MONITOR FOR LEAKS, RUPTURES, PRESSURE BUILD-UP, ETC.;
- [ ] 2. PROVIDE STRUCTURAL PHYSICAL BARRIERS (e.g., Portable spill containment walls);
- [ ] 3. PROVIDE ABSORBENT PHYSICAL BARRIERS (e.g., Pads, pigs, pillows);
- [ ] 4. COVER OR BLOCK FLOOR AND/ OR STORM DRAINS;
- [ ] 5. BUILT-IN BERM IN WORK / STORAGE AREA;
- [ ] 6. AUTOMATIC FIRE SUPPRESSION SYSTEM;
- [ ] 7. ELIMINATE SOURCES OF IGNITION FOR FLAMMABLE HAZARDS (e.g. Flammable liquids, Propane);
- [x] 8. STOP PROCESSES AND/OR OPERATIONS;
- [ ] 9. AUTOMATIC / ELECTRONIC EQUIPMENT SHUT-OFF SYSTEM;
- [x] 10. SHUT-OFF WATER, GAS, ELECTRICAL UTILITIES AS APPROPRIATE;
- [x] 11. CALL 9-1-1 FOR PUBLIC EMERGENCY RESPONDER ASSISTANCE / MEDICAL AID;
- [x] 12. NOTIFY AND EVACUATE PERSONS IN ALL THREATENED AREAS;
- [x] 13. ACCOUNT FOR EVACUATED PERSONS IMMEDIATELY AFTER EVACUATION CALL;
- [ ] 14. PROVIDE PROTECTIVE EQUIPMENT FOR ON-SITE RESPONSE TEAM;
- [ ] 15. REMOVE OR ISOLATE CONTAINERS / AREA AS APPROPRIATE;
- [ ] 16. HIRE LICENSED HAZARDOUS WASTE CONTRACTOR;
- [ ] 17. USE ABSORBENT MATERIAL FOR SPILLS WITH SUBSEQUENT PROPER LABELING, STORAGE, AND HAZARDOUS WASTE DISPOSAL AS APPROPRIATE;
- [ ] 18. SUCTION USING SHOP VACUUM WITH SUBSEQUENT PROPER LABELING, STORAGE, AND HAZARDOUS WASTE DISPOSAL AS APPROPRIATE;
- [ ] 19. WASH / DECONTAMINATE EQUIPMENT W/ CONTAINMENT and DISPOSAL OF EFFLUENT / RINSATE AS HAZARDOUS WASTE;
- [ ] 20. PROVIDE SAFE TEMPORARY STORAGE OF EMERGENCY-GENERATED WASTES;
- [ ] 21. OTHER (Specify):

D2.

E. FACILITY EVACUATION

THE FOLLOWING ALARM SIGNAL(S) WILL BE USED TO BEGIN EVACUATION OF THE FACILITY (CHECK ALL THAT APPLY): E1.

- [ ] 1. BELLS;
- [ ] 2. HORNS/SIRENS;
- [x] 3. VERBAL (I.E., SHOUTING);
- [ ] 4. OTHER (Specify):

E2.

THE FOLLOWING LOCATION(S) IS/ARE EVACUEE EMERGENCY ASSEMBLY AREA(S) (i.e., Front parking lot, specific street corner, etc.) E3.

front parking lot

Note: The Emergency Coordinator must account for all on site employees and/or site visitors after evacuation.

- [ ] EVACUATION ROUTE MAP(S) POSTED AS REQUIRED

E4.

Note: The map(s) must show primary and alternate evacuation routes, emergency exits, and primary and alternate staging areas, and must be prominently posted throughout the facility in locations where it will be visible to employees and visitors.

F. ARRANGEMENTS FOR EMERGENCY SERVICES

Explanation of Requirement: Advance arrangements with local fire and police departments, hospitals, and/or emergency services contractors should be made as appropriate for your facility. You may determine that such arrangements are not necessary.

ADVANCE ARRANGEMENTS FOR LOCAL EMERGENCY SERVICES (Check one of the following) F1.

- [x] 1. HAVE BEEN DETERMINED NOT NECESSARY; *or*
- [ ] 2. THE FOLLOWING ARRANGEMENTS HAVE BEEN MADE (Specify):

F2.

G. EMERGENCY EQUIPMENT

Check all boxes that apply to list emergency response equipment available at the facility and identify the location(s) where the equipment is kept and the equipment's capability, if applicable. [e.g., ☒ CHEMICAL PROTECTIVE GLOVES | Spill response kit | One time use, Oil & solvent resistant only.]

TYPE	EQUIPMENT AVAILABLE G1.	LOCATION	CAPABILITY *(If applicable)*
Safety and First Aid	1. ☐ CHEMICAL PROTECTIVE SUITS, APRONS, OR VESTS	G2.	G3.
	2. ☐ CHEMICAL PROTECTIVE GLOVES	G4.	G5.
	3. ☐ CHEMICAL PROTECTIVE BOOTS	G6.	G7.
	4. ☐ SAFETY GLASSES / GOGGLES / SHIELDS	G8.	G9.
	5. ☐ HARD HATS	G10.	G11.
	6. ☐ CARTRIDGE RESPIRATORS	G12.	G13.
	7. ☐ SELF-CONTAINED BREATHING APPARATUS (SCBA)	G14.	G15.
	8. ☒ FIRST AID KITS / STATIONS	G16. at hand washing sink in kitchen	G17.
	9. ☐ PLUMBED EYEWASH FOUNTAIN / SHOWER	G18.	G19.
	10. ☐ PORTABLE EYEWASH KITS	G20.	G21.
	11. ☐ OTHER	G22.	G23.
	12. ☐ OTHER	G24.	G25.
Fire Fighting	13. ☒ PORTABLE FIRE EXTINGUISHERS	G26. near the grill	G27.
	14. ☐ FIXED FIRE SYSTEMS / SPRINKLERS / FIRE HOSES	G28.	G29.
	15. ☐ FIRE ALARM BOXES OR STATIONS	G30.	G31.
	16. ☐ OTHER	G32.	G33.
Spill Control and Clean-Up	17. ☐ ALL-IN-ONE SPILL KIT	G34.	G35.
	18. ☐ ABSORBENT MATERIAL	G36.	G37.
	19. ☐ CONTAINER FOR USED ABSORBENT	G38.	G39.
	20. ☐ BERMING / DIKING EQUIPMENT	G40.	G41.
	21. ☐ BROOM	G42.	G43.
	22. ☐ SHOVEL	G44.	G45.
	23. ☐ SHOP VAC	G46.	G47.
	24. ☐ EXHAUST HOOD	G48.	G49.
	25. ☐ EMERGENCY SUMP / HOLDING TANK	G50.	G51.
	26. ☐ CHEMICAL NEUTRALIZERS	G52.	G53.
	27. ☐ GAS CYLINDER LEAK REPAIR KIT	G54.	G55.
	28. ☐ SPILL OVERPACK DRUMS	G56.	G57.
	29. ☐ OTHER	G58.	G59.
Communi-cations and Alarm Systems	30. ☒ TELEPHONES (Includes cellular)	G60. in the office	G61.
	31. ☐ INTERCOM / PA SYSTEM	G62.	G63.
	32. ☐ PORTABLE RADIOS	G64.	G65.
	33. ☐ AUTOMATIC ALARM CHEMICAL MONITORING EQUIPMENT	G66.	G67.
Other	34. ☐ OTHER	G68.	G69.
	35. ☐ OTHER	G70.	G71.

H. EARTHQUAKE VULNERABILITY

Identify areas of the facility that are vulnerable to hazardous materials releases / spills due to earthquake-related motion. These areas require immediate isolation and inspection.

VULNERABLE AREAS: (Check all that apply)	H1.	LOCATIONS (e.g., shop, outdoor shed, forensic lab)	
☒ 1. HAZARDOUS MATERIALS / WASTE STORAGE AREA		Co2 tank in south storage area	H2.
☐ 2. PROCESS LINES / PIPING			H3.
☐ 3. LABORATORY			H4.
☐ 4. WASTE TREATMENT AREA			H5.

Identify mechanical systems vulnerable to releases / spills due to earthquake-related motion. These systems require immediate isolation and inspection.

VULNERABLE SYSTEMS: (Check all that apply)	H6.	LOCATIONS	
☐ 1. SHELVES, CABINETS AND RACKS			H7.
☒ 2. TANKS (EMERGENCY SHUTOFF)		Co2 tank in south storage area	H8.
☐ 3. PORTABLE GAS CYLINDERS			H9.
☐ 4. EMERGENCY SHUTOFF AND/OR UTILITY VALVES			H10.
☐ 5. SPRINKLER SYSTEMS			H11.
☐ 6. STATIONARY PRESSURIZED CONTAINERS (e.g., Propane dispensing tank)			H12.

I. EMPLOYEE TRAINING

Explanation of Requirement: Employee training is required for all employees handling hazardous materials and hazardous wastes in day-to-day or clean-up operations including volunteers and/or contractors. Training must be:

- Provided within 6 months for new hires;
- Amended as necessary prior to change in process or work assignment;
- Given upon modification to the Emergency Response / Contingency Plan, and updated/refreshed annually for all employees.

Required content includes all of the following:

- Material Safety Data Sheets;
- Hazard communication related to health and safety;
- Methods for safe handling of hazardous substances;
- Fire hazards of materials / processes;
- Conditions likely to worsen emergencies;
- Coordination of emergency response;
- Notification procedures;
- Applicable laws and regulations;
- Communication and alarm systems;
- Personal protective equipment;
- Use of emergency response equipment (e.g. Fire extinguishers, respirators, etc.);
- Decontamination procedures;
- Evacuation procedures;
- Control and containment procedures;
- UST monitoring system equipment and procedures (if applicable).

INDICATE HOW EMPLOYEE TRAINING PROGRAM IS ADMINISTERED (Check all that apply) I1.

☐ 1. FORMAL CLASSROOM; ☐ 2. VIDEOS; ☐ 3. SAFETY / TAILGATE MEETINGS;

☒ 4. STUDY GUIDES / MANUALS (Specify): Chipotle creates safety manuals I2.

☒ 5. OTHER (Specify): Chipotle trains all employees I3.

☐ 6. NOT APPLICABLE BECAUSE FACILITY HAS NO EMPLOYEES

Large Quantity Generator (LQG) Training Records: Large quantity hazardous waste generators (i.e., who generate more than 270 gallons/1,000 kilograms of hazardous waste per month) must retain written documentation of employee hazardous waste management training sessions which includes:

- A written outline/agenda of the type and amount of both introductory and continuing training that will be given to persons filling each job position having responsibility for the management of hazardous waste (e.g., labeling, manifesting, compliance with accumulation time limits, etc.).
- The name, job title, and date of training for each hazardous waste management training session given to an employee filling such a job position; and
- A written job description for each of the above job positions that describes job duties and the skills, education, or other qualifications required of personnel assigned to the position.
- Current employee training records must be retained until closure of the facility.
- Former employee training records must be retained at least three years after termination of employment.

J. LIST OF ATTACHMENTS

(Check one of the following) J1.

☒ 1. NO ATTACHMENTS ARE REQUIRED; *or*

☐ 2. THE FOLLOWING DOCUMENTS ARE ATTACHED: J2.

K. SIGNATURE / CERTIFICATION

Certification: Based on my inquiry of those individuals responsible for obtaining the information, I certify under penalty of law that I have personally examined and am familiar with the information submitted and believe the information is true, accurate, and complete, and that a copy is available on site.

SIGNATURE OF OWNER/OPERATOR	DATE SIGNED K1.
	3/30/2015
NAME OF SIGNER (print) K2.	TITLE OF SIGNER K3.
David Coletti	Licensing Coordinator

CARBON DIOXIDE (CO2)

Filed in Manager's office (and online on CERS website for CA locations only)

1. HAZARDOUS MATERIAL

Carbon Dioxide (CO2)

- Chemical Identification: CAS- No: 124-38-9
  Volume: >99%
  UN No.: 1013 (Gas) & UN2187 (Liquid)
  Chemical is stable

- Physical Description: Colorless, Odorless gas with a slight acidic taste
  Non-flammable and Non-reactive with many materials
  Weighs more than Oxygen, settles low in the air by the floor
  Contained under pressure; Cryogenic Liquid.

2. POTENTIAL HEALTH EFFECTS

- Inhalation: Simple asphyxiant. Can cause suffocation
  1,000,000 ppm of a gas = 100 % concentration of the gas. Therefore, 10,000 ppm of a gas in air is a 1% concentration.

EFFECT	CONCENTRATION
Breathing rate increases slightly.	1%
Breathing rate increases to 50% above normal level. Prolonged exposure can cause headache, tiredness.	2%
Breathing increases to twice normal rate and becomes labored. Weak narcotic effect. Impaired hearing, headache, increased blood pressure and pulse rate.	3%
Breathing increases to approximately four times normal rate, symptoms of intoxication become evident, and slight choking may be felt.	4 - 5%
Characteristic sharp odor noticeable. Very labored breathing, headache, visual impairment, and ringing in the ears. Judgment may be impaired, followed within minutes by loss of consciousness.	5 - 10%
Unconsciousness occurs more rapidly above 10% level. Prolonged exposure to high concentrations may eventually result in death from asphyxiation.	10 - 100%

- Contact: Contact with product may cause frostbite

3. FIRST AID

- Inhalation: PROMPT MEDICAL ATTENTION IS MANDATORY IN ALL CASES OF INHALATION OVEREXPOSURE. RESCUE PERSONNEL SHOULD BE EQUIPPED WITH SELF-CONTAINED BREATHING APPARATUS. Conscious inhalation victims should be assisted to an uncontaminated area and inhale fresh air. If breathing is difficult, administer oxygen. Unconscious persons should be moved to an uncontaminated area and, as necessary, given artificial resuscitation and supplemental oxygen. Treatment should be symptomatic and supportive.

- Contact: Eyes:
  If frost bite is suspected flush area with cool water for 15 minutes and obtain immediate medical attention.

  Skin:
  For dermal contact or suspected frostbite, remove contaminated clothing and flush affected areas with lukewarm water. DO NOT USE HOT WATER. A physician should see the patient promptly if contact with the product has resulted in blistering of the dermal surface or in deep tissue freezing.

CARBON DIOXIDE (CO_2)

4. HOW TO IDENTIFY A LEAK

- Listen for any unusual noise.
- Observe any frozen liquid around the storage container, piping and connections. Observe a vapor cloud similar to that produced by dry ice.
- Monitor alarm will sound (If your location has one installed)
- Bib motor running abnormally loud. Contact Coca-Cola as there could be minor leaking at the soda machine.
- If suspected, leave area immediately and evacuate the restaurant. Contact 9-1-1 and supplier for repairs.

5. EMERGENCY RESPONSE

- Call 911 if medical attention is needed due to contact or inhalation, if there is uncontainable fire within the restaurant or if you believe an earthquake (or other natural disaster) has damaged the CO_2 bulk tank.
- If there is a leak present, evacuate the restaurant immediately and ensure there is adequate ventilation.
- Do not re-enter the building without the proper safety equipment if the oxygen levels have reached a dangerous saturation of CO_2.
- Contact your supplier to notify them of the necessity of repairs.
- Reference the Business plan and notify the appropriate parties. (CA Only)

6. HANDLING AND STORAGE

Precautions to be taken in Handling:

- Avoid breathing gas and direct contact with liquid.
- Protect cylinders from damage.
- Never attempt to lift cylinder by its cap or insert items such as a wrench or screw driver, this may damage the valve.
- Open valve slowly, if difficult to do so, please stop what you are doing and contact your supplier.
- Keep cylinder upright when in use.
- Keep away from high temperature as this may damage the cylinder/tank.

Precautions to be taken in Storage:

- Store in an area with adequate ventilation as gas can cause suffocation.
- Keep storage area below 125°F (52°C).
- Firmly secure cylinders to the wall in an upright position.
- Use First-in, First-out inventory systems to prevent cylinders from being stored for extended periods of time.

7. BUSINESS PLAN (CALIFORNIA ONLY)

- Please review and become familiar with the previously supplied Business Plan.
- Review the site plans to become familiar with the location of all exits, evacuation staging area as well as emergency response equipment and shut-offs.

8. ECOLOGICAL INFORMATION

No adverse ecological effects expected. Carbon Dioxide does not contain any Class 1 or Class 2 ozone-depleting chemicals.

9. DISPOSAL

Do not attempt to dispose of any residual waste, please contact your supplier to remove.

10. FREQUENCY

Training must be performed once a year and to all new hires.

CARBON DIOXIDE (CO_2) TRAINING SIGN-OFF

EMPLOYEE NAME	DATE OF TRAINING	TRAINING PLAN	TOPICS COVERED
		CO_2 Emergency Response Plan	• **CO_2 Make up** • **Health Effects** • **First Aid** • **Emergency Response** • **Contacts** • **Identifying a Leak** • **Handling and Storage** • **Ecological Effects** • **Disposal**

ENVIRONMENTAL HEALTH
SAN MATEO COUNTY

PERMIT 06- 1960

Protecting Our Health and Environment
CERTIFIED UNIFIED PROGRAM AGENCY

THIS PERMIT IS ISSUED FOR THE FOLLOWING:

2161	PR0003665	STORES HAZ MAT <219GAL,1,999LB, 879CF
2220	PR0026614	GENERATES & RECYCLES WASTE OIL/SOLVENT

FACILITY:
WESTLAKE FRENCH CLEANERS
247 WESTLAKE CENTER
DALY CITY, CA 94015

OWNER:
LEE, EUI SIK
247 WESTLAKE CENTER
DALY CITY CA 94015

FA0017177

DATE ISSUED: 1/1/2007

EXPIRATION DATE: 1/1/2012

Dean D. Peterson. P.E.. REHS
DIRECTOR, ENVIRONMENTAL HEALTH

THIS PERMIT IS NONTRANSFERABLE AND MUST BE POSTED ON-SITE IN A CONSPICUOUS PLACE

ENVIRONMENTAL HEALTH
SAN MATEO COUNTY

Protecting Our Health and Environment

PERMIT CONDITIONS

455 County Center, 4th Floor, Redwood City, CA 94063

Facility Identification Number: FA0017177

*In order to maintain the **Permit to Operate**, the permit holder must comply with the following provisions of related laws concerning management of hazardous materials. Any violation of the conditions may be cause for revocation of the **Permit to operate.***

a. **Hazardous Materials Business Plan Program:** California Health and Safety Code, Division 20, Chapter 6.95, Article 1 and Title 19 Calfornia Code of Regulations.
b. **California Accidental Release Prevention Program (Cal-ARP)**: California Health and Safety Code, Division 20, Chapter 6.95, Article 2 and Title 19, California Code of Regulations.
c. **Hazardous Waste Generator Program**: California Health and Safety Code, Division 20, Chapter 6.5, Articles 1-13, Section 25100 et seq., and Title 22, California Code of Regulations, Chapter 20
d. **Aboveground Petroleum ACT SPCC Plans**: California Health and Safety Code, Division 20, Chapter 6.67 and 40 CFR 112.
e. **Tiered Permit On-Site Hazardous Waste Treatment**: California Health and Safety Code, Division 20, Chapter 6.5 Article 9, and Title 22 California Code of Regulations, Chapter 20

The Permit to Operate is to be maintained on-site and is valid for a period of five (5) years.

Jacob Madden

From: Derrick Willis <derrick.willis@ngem.com>
Sent: Thursday, January 19, 2017 5:44 PM
To: Jacob Madden
Cc: Axel Rieke
Subject: 247 Westlake Center, DC

Jake,

This email is to follow up from our discussion yesterday. As discussed, we are in the process of rebound testing at the former Westlake drycleaner (rebound testing started in July of 2016 and we have collected samples at four different sampling events). We have noted that in the last two sample events, PCE concentrations at the subslab probe TR-7 are trending upwards. Because of this we are planning on collecting one additional round of sampling at all monitoring points prior submittal of the Rebound Test Report. Axel will follow shortly up with a date to notify you of the schedule for the additional sampling event. Once we have completed the sampling and evaluated the data, we will let you know our recommendations regarding "closure recomendation" or "pulse" operation and then submit the Rebound Test Report with a summary of operations and our recommendations.

Thanks and Best Regards,

Derrick

Derrick S. Willis
Principal

Northgate Environmental Management, Inc.
24411 Ridge Route Drive, Suite 130, Laguna Hills, CA 92653
phone (949) 716-0050 ext. 101; cell (949) 375-7004; fax (949) 315-3365
http://www.ngem.com

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Jacob Madden

From: Derrick Willis <derrick.willis@ngem.com>
Sent: Thursday, July 07, 2016 12:17 PM
To: Jacob Madden
Cc: Axel Rieke
Subject: 247 Westlake Center Drycleaner, Daly City - notification of sewer line repair an start of rebound testing

Hi Jake,
As discussed, Kimco has scheduled a repair of the sewer line in the vicinity of the treatment system starting next Monday. The technology to repair the line consists of coating the inside of the line with plastic to form a water- and vapor-tight line inside the existing sewer line. A small excavation at each end of the line will be necessary as well as potholing at two locations for utility verification. Northgate will be on site to monitor for health and safety, and sample/characterize the excavated soil, which will be placed in a small roll-off bin, and subsequently profiled for proper disposal. Our oversight activities and soil disposal documentation will be included in our next progress report.

Northgate will shut down the system today prior to the sewer disposal work. We are planning on conducting sampling next week as part of our shut down/rebound testing program as documented in our progress report dated March 15, 2016.
Please don't hesitate to contact me if you have any questions or need any additional information.

Best Regards,
Derrick

Derrick S. Willis
Principal

Northgate Environmental Management, Inc.
24411 Ridge Route Drive, Suite 130, Laguna Hills, CA 92653
phone (949) 716-0050 ext. 101; cell (949) 375-7004; fax (949) 315-3365
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From: Jacob Madden [mailto:jmadden@smcgov.org]
Sent: Tuesday, October 13, 2015 10:59 AM
To: Willis, Derrick
Subject: RE: Soil vapor extraction well sampling notification - 247 Westlake Center Drycleaner, Daly City

Oh ok Thank you for the notification.

Jacob Madden, PG
San Mateo County Groundwater Protection Program
2000 Alameda De Las Pulgas, Suite 100
San Mateo, CA 94403

jmadden@smcgov.org (650) 372-6298

>>> Derrick Willis <derrick.willis@ngem.com> 10/13/2015 8:55 AM >>>
Jake,
I am sorry, that was a typo, I was supposed to write Wednesday 10/14.

Derrick

From: Jacob Madden [mailto:jmadden@smcgov.org]
Sent: Tuesday, October 13, 2015 8:04 AM
To: Willis, Derrick
Subject: Re: Soil vapor extraction well sampling notification - 247 Westlake Center Drycleaner, Daly City

Hi Derrick,

Looks like November 10th is actually a Tuesday. Just wanted to clarify thats what you meant. Thanks

Jacob Madden, PG
San Mateo County Groundwater Protection Program
2000 Alameda De Las Pulgas, Suite 100
San Mateo, CA 94403
jmadden@smcgov.org (650) 372-6298

>>> Derrick Willis <derrick.willis@ngem.com> 10/9/2015 3:26 PM >>>
Good afternoon Jake,
We will be conducting soil vapor sampling from the SVE system vapor extraction wells at the former drycleaner facility located at 247 Westlake Center in Daly City on Wednesday, November 10th. Gabriel Fuson from Northgate will be on site at 9 am to conduct the sampling. Please don't hesitate to contact me if you have any question or need any additional information.
Best Regards,
Derrick

Derrick S. Willis
Principal

Northgate Environmental Management, Inc.
24411 Ridge Route Drive, Suite 130, Laguna Hills, CA 92653
phone (949) 716-0050 ext. 101; cell (949) 375-7004; fax (949) 315-3365
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REPORT OF SUPPLEMENTAL PHASE II ENVIRONMENTAL INVESTIGATION WESTLAKE FRENCH DRY CLEANERS AND SOUTHGATE DRY CLEANERS WESTLAKE SHOPPING CENTER DALY CITY, CALIFORNIA

FOR: Westlake Development Company
c/o Citicorp Trust, N.A.
153 East 53rd Street, 23rd floor
New York, New York 10043

ATTENTION: Mr. Henry Cortes

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August 14, 2002

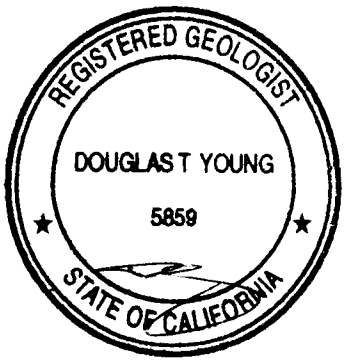
Prepared for:

Westlake Development Company
c/o Citicorp Trust, N.A.
153 East 53rd Street, 23rd Floor
New York, New York 10043

REPORT OF SUPPLEMENTAL PHASE II ENVIRONMENTAL INVESTIGATION
WESTLAKE FRENCH AND SOUTHGATE DRY CLEANERS
WESTLAKE SHOPPING CENTER
DALY CITY, CALIFORNIA

Kleinfelder Job No. 16408

Prepared by:



Douglas T. Young, R.G.
Senior Geologist

Daniel S. Carroll, P.E.
Project Manager

KLEINFELDER, INC.
1362 Ridder Park Drive
San Jose, California 95131
(408) 436-1155

August 14, 2002

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REPORT OF SUPPLEMENTAL PHASE II ENVIRONMENTAL INVESTIGATION
WESTLAKE FRENCH AND SOUTHGATE DRY CLEANERS
WESTLAKE SHOPPING CENTER
DALY CITY, CALIFORNIA

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1.0 INTRODUCTION AND BACKGROUND

1.1 INTRODUCTION

Kleinfelder Inc., (Kleinfelder), on behalf of Westlake Shopping Company, has prepared this Supplemental Phase II Environmental Investigation Report to document the two phases of environmental investigation performed at two dry cleaners: Westlake French and Southgate Dry Cleaning Facilities. The Westlake French and Southgate Dry Cleaners are located within the Westlake Shopping Center complex at 330 South Mayfair Drive and 183 Southgate Avenue, respectively, in Daly City, California (Plate 1). This Supplemental Investigation Report was prepared in accordance with the procedures and scope of work presented in *Preliminary Site Assessment Workplan*, prepared by Kleinfelder, dated May 17, 2002 and Kleinfelder's *Addendum to Work Plan*, dated July 19, 2002.

The purpose of the supplemental investigations was to collect and evaluate data during the due diligence period of the proposed property transaction. This report: 1) Describes investigative methods used to characterize subsurface conditions at the site; 2) Presents and interprets analytical results collected during this and the Phase II Environmental Investigation; and 3) Makes recommendations.

1.2 BACKGROUND

The facilities are located in the northeastern and southern sections of the Westlake Shopping Center (Plates 2 and 3). At the request of Citicorp Trust and Westlake Development Company, Kleinfelder was contracted to conduct limited subsurface investigations at both dry cleaners. The Westlake French Dry Cleaners has been present at the shopping center since 1978. The Southgate Dry Cleaners has been present at the site since that portion of the shopping center was developed in 1955. It is Kleinfelder's understanding that historically no site investigations have been performed prior to Kleinfelder's investigations, and no chemical releases have been reported at either facility.

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1.3 OBJECTIVE AND SCOPE OF WORK

These investigation activities were conducted to attempt to evaluate if the dry cleaning operations conducted at these two facilities have affected soil and/or groundwater beneath the sites. To meet this objective, Kleinfelder implemented the following scope of work:

- Conducted a site inspection of the two facilities;
- Performed private utility locating in areas of the planned borings;
- Advanced one deep boring to the maximum permitable depth of 120 feet bgs at each of the two facilities in an effort to collect groundwater samples;
- Evaluate date collected during this supplemental phase of investigation incorporating the original Phase II investigation data; and
- Prepared this Supplemental Phase II Environmental Investigation Report.

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2.0 SITE INVESTIGATION

2.1 SITE INSPECTION AND UTILITY SEARCH

During the original Phase II investigation, Kleinfelder conducted a brief site inspection of the two dry cleaners on May 13, 2002. The purpose of the inspection was to assess site access for drilling inside the facilities, to identify boring locations, and to meet a private utility locator. Kleinfelder did not observe any cracked concrete, stains on the concrete, or leaking waste storage containers when inspecting the two facilities.

Kleinfelder conducted a geophysical survey to locate and mark utilities at the proposed boring locations. Kleinfelder also contacted Underground Services Alert (USA) to arrange for utility marking within pertinent public rights of way and utility easements prior to each mobilization.

2.2 SAMPLING RATIONALE

The objectives of the original Phase II investigation were to:

- Conduct a preliminary assessment of potential Volatile Organic Compounds (VOCs) in the soil and, if possible, groundwater at the Cleaner facilities;
- Develop data to recommend further investigation, as appropriate.

On the basis of the site inspection/utility survey, three shallow soil borings were advanced at each dry cleaning facility to evaluate subsurface conditions. The borings were numbered sequentially as borings B-1 through B-3 at each facility.

2.3 SOIL BORING PROCEDURES

2.3.1 Shallow Soil Borings

A total of six (6) soil borings were advanced during the original Phase II investigation on June 5 and 6, 2002. Three borings were drilled inside of the Westlake French Dry Cleaners facility and three borings were drilled inside of the Southgate Dry Cleaners facility. The boring locations are presented on Plates 2 and 3. Groundwater was expected to be encountered within 20 ft below ground surface (bgs) at both facilities. Groundwater was not encountered within 20 ft bgs. One boring from each site was advanced to the depth limitation of the equipment (32 to 33 feet bgs)

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in an attempt to encounter groundwater. Groundwater was not encountered in any of the borings. Therefore, groundwater samples were not collected in the June drilling event.The borings were advanced inside of the facilities using a limited access drill rig equipped with direct push sampling equipment. Vironex, a drilling company with a valid State of California Drilling Contractor's License (C-57 License), was used. Prior to drilling, the 4-inch thick concrete slab floors were cored.

The down-hole equipment consisted of a hollow rod approximately 2 inches in outside diameter and an inner core barrel with sample liners to retrieve soil samples at the selected intervals. After the sampling was completed, each boring was backfilled through a Tremie pipe from bottom to top with neat cement grout (one 94-pound sack of Portland cement mixed with 5 to 6 gallons of clean water). No investigative derived wastes were generated during the field operations.

Soil samples were collected in butyrate plastic liners and inspected for signs of staining and chemical odors. Soil samples for potential chemical analyses were collected every 3 feet and screened for VOCs using a photoionization detector (PID) and visual/olfactory observations. Under the supervision of an experienced registered geologist (RG), Kleinfelder logged the samples for lithology in the field. Soils were logged continuously for lithologic logging purposes using the United Soil Classification System (USCS).

The PID and visual/olfactory screening of selected soil samples did not indicate any impacts in vadose zone soils to the depths explored in the six borings; therefore, samples for laboratory analysis were taken at the intervals shown on Table 1 below. The sampling intervals were selected to collect a diversified range of soil depths in the shallow soil beneath the dry cleaning equipment, waste storage containers and drains.

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TABLE 1 - SUMMARY OF INVESTIGATION

Westlake French Dry Cleaners	Boring Number		
	B-1	B-2	B-3
Boring Depth (ft bgs)	20	20	32
Location	Dry Cleaning Machine	Drain	Waste Storage Area
Sampling Depth for Analysis (ft bgs)	4.5 - 6.0	3 - 4.5	1 - 3
Southgate Dry Cleaners	**Boring Number**		
	B-1	B-2	B-3
Boring Depth (ft bgs)	33	22	20
Location	Dry Cleaning Machine	Waste Storage Area	Drain
Sampling Depth for Analysis (ft bgs)	4.5 - 6.0	1.5 - 3.0	0.0 - 1.5

In preparation for transport, the sample tubes were sealed on both ends with Teflon® sheets and plastic end caps, labeled with a unique identification number, entered on a chain-of-custody, placed in a Ziploc® bag, and stored in a cooler chilled with ice. Samples then were delivered to the analytical laboratory under chain-of-custody procedures.

2.3.2 Deeper Soil Borings

The shallow borings did not reach underlying groundwater. To provide additional due diligence information for prospective buyers, Westlake authorized Kleinfelder to proceed with this supplemental Phase II investigation and remobilize to the site and advance one deeper boring at each of the two dry cleaners.

On July 25 and 26, 2002 one deeper boring was advanced at each of the two facilities using a mobile B-51 hollow stem auger rig. Soil samples were collected every five feet for lithologic logging and screening via PID and olfactory/visual means.

The boring located near the Westlake French Dry Cleaners was advanced to a total depth of 89.5 feet. The boring located near the Southgate Cleaners was advanced to the total depth of 120 feet. The City of Daly City, which operates groundwater production wells to extract drinking water for domestic supply, would not allow the borings to be extended beyond the 120-foot depth as it could potentially effect a nearby municipal well.

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During drilling activities, neither PID or visual observation indicated the presence of VOCs in the soil profile. For chemical evaluation purposes, a soil sample was retained for analytical analysis at approximately the 60-foot depth and near the bottom of each boring.

Groundwater was encountered in the boring near the French Cleaners facility at approximately 84 feet bgs (Boring DB-1). A groundwater sample was collected from this boring by lowering a disposable bailer through the hollow stem auger. At the Southgate Cleaners facility, groundwater was not encountered at the maximum 120-foot depth (Boring DB-2). However, the soil sample collected at the maximum depth was moist, probably indicating that the boring may be within the capillary fringe just above the water table.

2.4 ANALYTICAL PROGRAM

The soil sample and groundwater sample from both investigations were submitted to McCampbell Analytical, Inc and analyzed for VOCs, including tetrachloroethene (PCE), by EPA Method 8021B (8010 target list). McCampbell Analytical, Inc. is a laboratory accredited by the California Environmental Protection Agency (Cal/EPA), Department of Health Services (DHS) Environmental Laboratory Accreditation Program (ELAP).

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3.0 RESULTS OF INVESTIGATION

3.1 FIELD OBSERVATIONS AND TOTAL DEPTH

Shallow borings B1, B2, and B3 from the Westlake French Dry Cleaners were drilled to total depths 20, 20 and 32 feet bgs, respectively. Shallow borings B1, B2, and B3 from the Southgate Dry Cleaners were drilled to total depths 33, 22 and 20 feet bgs, respectively. Deeper borings at each facility were extended to 89.5 to 120 feet bgs, respectively. Boring logs for the eight soil borings are presented in Appendix A. The shallow borings closest to the waste storage container and the dry cleaning machine were selected for extended drilling at the Westlake French Dry Cleaners and Southgate Dry Cleaners, respectively. The subsurface lithology at each boring location generally consisted of poorly graded sand to the maximum depth investigated.

3.2 ANALYTICAL RESULTS

The analytical results of soil and groundwater samples, including detection limits for VOC analyses, are summarized in Table 2. Certified laboratory data sheets are attached as Appendix B. No VOCs were detected in any of the soil samples or groundwater sample collected at Westlake French Dry Cleaners or Southgate Dry Cleaners.

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4.0 CONCLUSIONS AND RECOMMENDATIONS

4.1 CONCLUSIONS

VOCs, including PCE, are the main constituents of concern at typical dry cleaning facilities. Kleinfelder concludes that VOCs are not present above levels of regulatory concern at the French or Southgate Cleaners facilities based on soil and groundwater sampling results.

4.2 RECOMMENDATIONS

Shallow soil samples collected during this investigation were selected due to their proximity to the dry cleaning machine, sewer piping and waste storage areas. The samples were collected at depths below the possible source areas to evaluate if VOCs from these areas leached into the subsurface. No VOCs were detected at or above the laboratory detecting limit in any of the soil samples or groundwater sample collected during either the Phase II or Supplemental Phase II Investigation. In addition, no visual or olfactory observations or PID readings indicated VOC impacts. Based on the results of the two phases of subsurface investigation conducted, Kleinfelder does not recommend further investigations at Westlake French Dry Cleaners and Southgate Dry Cleaners.

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5.0 LIMITATIONS

This report was prepared in general accordance with accepted standards of care that exist in Northern California at the time the work was completed. No warranty, expressed or implied, is made. It should be recognized that definition and evaluation of subsurface conditions are a difficult and inexact science. The scope of services described here is not intended to be inclusive, to identify all potential concerns, or to eliminate the possibility of environmental problems. With current technology, no level of assessment can show conclusively that a property or its structures are completely free of contaminated and/or hazardous substances. Therefore, Kleinfelder cannot offer a certification that the recommendations made in this report will clear any property of environmental liability.

The data points used during this investigation are necessarily limited due to economic and site constraints and should be viewed as generally, but not explicitly, representative of contamination likely to be associated with a site. Thus, Kleinfelder assumes no responsibility for the representation of the data as exact surface and/or subsurface conditions, but only for conditions at the sampling points. There is always the possibility that other contaminated areas exist in the materials and that they were simply not encountered during the limited soil sampling program.

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TABLE 2
VOCs IN SOIL - ANLYTICAL RESULTS
WESTLAKE FRENCH DRY CLEANERS AND SOUTHGATE DRY CLEANERS
WESTLAKE SHOPPING CENTER
DALY CITY, CALIFORNIA

		Boring Number					
		Westlake French Dry Cleaners					
		B-1	B-2	B-3	S1-B1$_{deep}$	S2-B1$_{deep}$	W1-B1$_{deep}$
Date Sampled		6/5/02	6/5/02	6/5/02	7/25/02	7/25/02	7/25/02
Depth (ft)		4.5 - 6.0	3 - 4.5	1 - 3	60	84	water
Units		µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/L
VOC Analyses by EPA Method 8021B (8010 Basic Target List)	Bromodichloromethane	<5.0	<5.0	<5.0	<5.0	<5.0	<0.5
	Bromoform	<5.0	<5.0	<5.0	<5.0	<5.0	<0.5
	Bromomethane	<5.0	<5.0	<5.0	<5.0	<5.0	<0.5
	Carbon Tetrachloride	<5.0	<5.0	<5.0	<5.0	<5.0	<0.5
	Chlorobenzene	<5.0	<5.0	<5.0	<5.0	<5.0	<0.5
	Chloroethane	<5.0	<5.0	<5.0	<5.0	<5.0	<0.5
	2-Chloroethyl vinyl ether	<5.0	<5.0	<5.0	<5.0	<5.0	<1.0
	Chloroform	<5.0	<5.0	<5.0	<5.0	<5.0	<0.5
	Chloromethane	<5.0	<5.0	<5.0	<5.0	<5.0	<0.5
	Dibromochloromethane	<5.0	<5.0	<5.0	<5.0	<5.0	<0.5
	1,2-Dichlorobenzene	<5.0	<5.0	<5.0	<5.0	<5.0	<0.5
	1,3-Dichlorobenzene	<5.0	<5.0	<5.0	<5.0	<5.0	<0.5
	1,4-Dichlorobenzene	<5.0	<5.0	<5.0	<5.0	<5.0	<0.5
	Dichlorodifluoromethane	<5.0	<5.0	<5.0	<5.0	<5.0	<0.5
	1,1-Dichloroethane (1,1-DCA)	<5.0	<5.0	<5.0	<5.0	<5.0	<0.5
	1,2-Dichloroethane	<5.0	<5.0	<5.0	<5.0	<5.0	<0.5
	1,1-Dichloroethene (1,1-DCE)	<5.0	<5.0	<5.0	<5.0	<5.0	<0.5
	cis-1,2-Dichloroethene	<5.0	<5.0	<5.0	<5.0	<5.0	<0.5
	trans-1,2-Dichloroethene	<5.0	<5.0	<5.0	<5.0	<5.0	<0.5
	1,2-Dichloropropane	<5.0	<5.0	<5.0	<5.0	<5.0	<0.5
	cis-1,3-Dichloropropene	<5.0	<5.0	<5.0	<5.0	<5.0	<0.5
	trans-1,3-Dichloropropene	<5.0	<5.0	<5.0	<5.0	<5.0	<0.5
	Methylene chloride	<5.0	<5.0	<5.0	<5.0	<5.0	<0.5
	1,1,2,2-Tetrachloroethane	<5.0	<5.0	<5.0	<5.0	<5.0	<0.5
	Tetrachloroethene (PCE)	<5.0	<5.0	<5.0	<5.0	<5.0	<0.5
	1,1,1-Trichloroethane (1,1,1-TCA)	<5.0	<5.0	<5.0	<5.0	<5.0	<0.5
	1,1,2-Trichloroethane	<5.0	<5.0	<5.0	<5.0	<5.0	<0.5
	Trichlorethene (TCE)	<5.0	<5.0	<5.0	<5.0	<5.0	<0.5
	Trichlorofluoromethane (CFC 11)	<5.0	<5.0	<5.0	<5.0	<5.0	<0.5
	Vinyl chloride	<5.0	<5.0	<5.0	<5.0	<5.0	<0.5

Notes:

All units are micrograms per kilograms, approximately equal to parts per billion (ppb).

Boring depths are shown in feet below ground surface (bgs).

When a compound is not detected, "<" and the method reporting limit are shown.

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TABLE 2
VOCs IN SOIL - ANLYTICAL RESULTS
WESTLAKE FRENCH DRY CLEANERS AND SOUTHGATE DRY CLEANERS
WESTLAKE SHOPPING CENTER
DALY CITY, CALIFORNIA

		Boring Number					
		Southgate Dry Cleaners					
		B-1	B-2	B-3	S1-B2$_{deep}$	S2-B2$_{deep}$	S3-B2$_{deep}$
Date Sampled		6/6/02	6/6/02	6/6/02	7/26/02	7/26/02	7/26/02
Depth (ft)		4.5 - 6.0	1.5 - 3.0	0.0 - 1.5	60	115	120
Units		µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg
VOC Analyses by EPA Method 8021B (8010 Basic Target List)	Bromodichloromethane	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
	Bromoform	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
	Bromomethane	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
	Carbon Tetrachloride	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
	Chlorobenzene	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
	Chloroethane	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
	2-Chloroethyl vinyl ether	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
	Chloroform	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
	Chloromethane	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
	Dibromochloromethane	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
	1,2-Dichlorobenzene	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
	1,3-Dichlorobenzene	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
	1,4-Dichlorobenzene	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
	Dichlorodifluoromethane	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
	1,1-Dichloroethane (1,1-DCA)	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
	1,2-Dichloroethane	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
	1,1-Dichloroethene (1,1-DCE)	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
	cis-1,2-Dichloroethene	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
	trans-1,2-Dichloroethene	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
	1,2-Dichloropropane	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
	cis-1,3-Dichloropropene	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
	trans-1,3-Dichloropropene	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
	Methylene chloride	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
	1,1,2,2-Tetrachloroethane	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
	Tetrachloroethene (PCE)	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
	1,1,1-Trichloroethane (1,1,1-TCA)	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
	1,1,2-Trichloroethane	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
	Trichlorethene (TCE)	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
	Trichlorofluoromethane (CFC 11)	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
	Vinyl chloride	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0

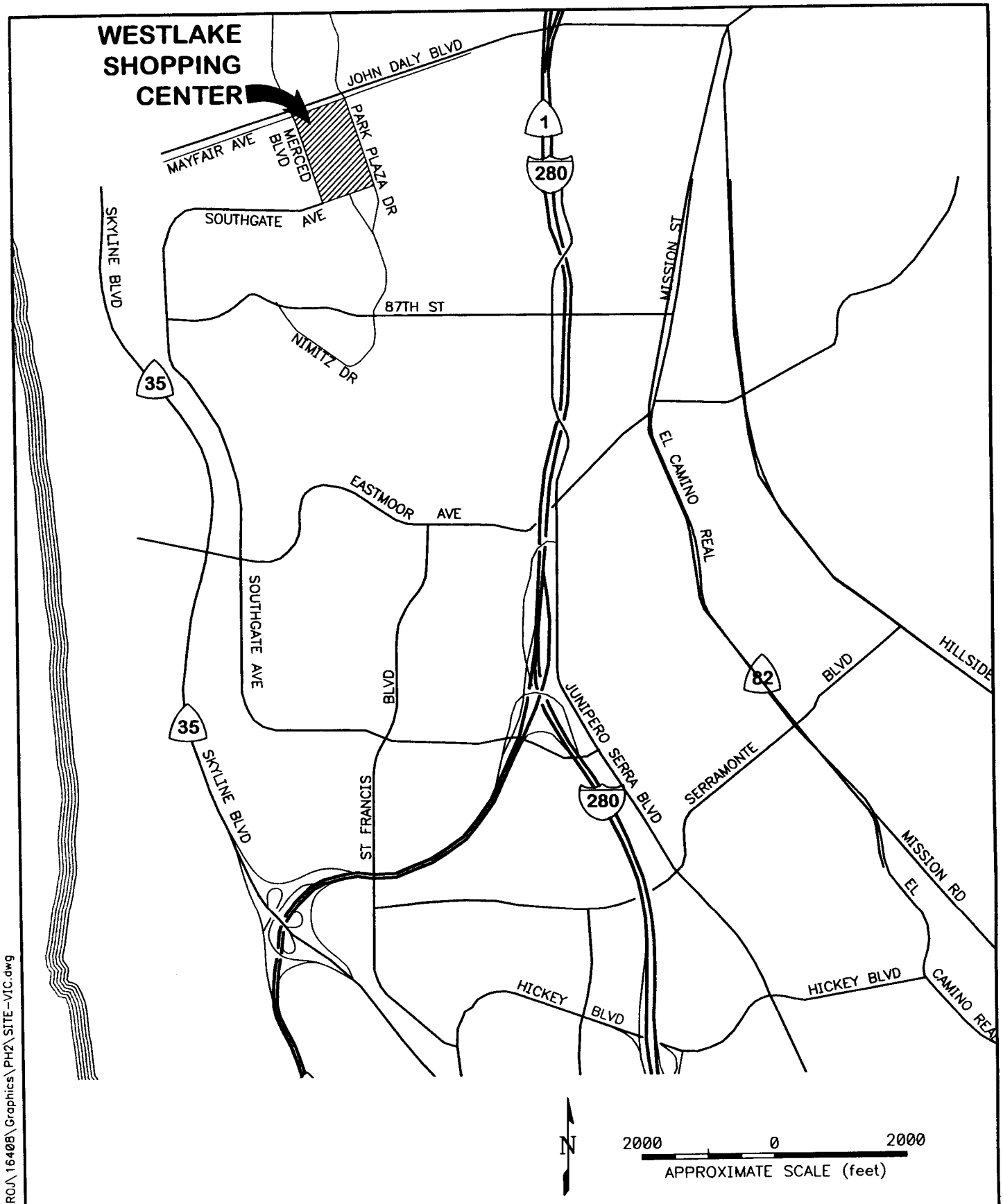
Notes:

All units are micrograms per kilograms, approximately eq

Boring depths are shown in feet below ground surface (b

When a compound is not detected, "<" and the method re

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KLEINFELDER
1362 Ridder Park Drvie
San Jose, CA 95131
PH. (408) 436-1771 FAX. (408) 436-1155

DRAFTED BY: L. Sue	CHECKED BY: D. Young
DATE: 05-14-02	REVISION DATE:

SITE VICINITY MAP

WESTLAKE SHOPPING CENTER
SAN JOSE, CALIFORNIA
PROJECT NO. 16408-PH2

PLATE 1

CAD FILE: P:\e-L:\2002\02PROJ\16408\Graphics\PH2\SITE-VIC.dwg

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APPENDIX A

Boring Logs

UNIFIED SOIL CLASSIFICATION SYSTEM

MAJOR DIVISIONS		LTR	ID	DESCRIPTION
COARSE GRAINED SOILS	GRAVEL AND GRAVELLY	GW		Well-graded gravels or gravel with sand, little or no fines.
		GP		Poorly-graded gravels or gravel with sand, little or no fines.
		GM		Silty gravels, silty gravel with sand mixture.
		GC		Clayey gravels, clayey gravel with sand mixture.
	SAND AND SANDY	SW		Well-graded sands or gravelly sands, little or no fines.
		SP		Poorly-graded sands or gravelly sands, little or no fines.
		SM		Silty sand.
		SC		Clayey sand.
FINE GRAINED SOILS	SILTS AND CLAYS	ML		Inorganic silts and very fine sands, rock flour or clayey silts with slight plasticity.
		CL		Inorganic lean clays of low to medium plasticity, gravelly clays, sandy clays, silty clays.
		OL		Organic silts and organic silt-clays of low plasticity.
	SILTS AND CLAYS	MH		Inorganic elastic silts, micaceous or diatomaceous or silty soils.
		CH		Inorganic fat clays (high plasticity).
		OH		Organic clays of medium high to high plasticity.
HIGHLY ORGANIC SOILS		Pt		Peat and other highly organic soils.



Standard Penetration Split Spoon Sampler 2.0 inch, 1.4 inch I.D.

Modified California Sampler 2.5 inch O.D., 2.0 inch I.D.

Bulk Sample

California Sampler, 3.0 inch O.D., 2.5 inch I.D.

Shelby Tube 3.0 inch O.D.



Approximate water level first observed in boring. Time recorded in reference to a 24 hour clock.



Approximate water level observed in boring following drilling

PEN Pocket Pentrometer reading, in tsf

TV:Su Torvane shear strength, in ksf

LL	LIQUID LIMIT	TX	TRIAXIAL SHEAR
PI	PLASTICITY INDEX	CONSOL	CONSOLIDATION
%-#200	SIEVE ANALYSIS (#200 SCREEN)	R-Value	RESISTANCE VALUE
DS	DIRECT SHEAR	SE	SAND EQUIVALENT
C	COHESION (PSF)	EI	EXPANSION EQUIVLANT
PHI	FRICTION ANGLE	FS	FREE SWELL (U.S.B.R.)

Notes: Blow counts represent the number of blows a 140-pound hammer falling 30 inches required to drive a sampler through the last 12 inches of an 18 inch penetration, unless otherwise noted.

The lines separating strata on the logs represent approximate boundaries only. The actual transition may be gradual. No warranty is provided as to the continuity of soil strata between borings. Logs represent the soil section observed at the boring location on the date of drilling only.

KLEINFELDER

PROJECT NO.

BORING LOG LEGEND

PLATE

A-1

7/3/2002 2:25:02 PM

Date Completed:	6/5/02	*Sampler:*	Continuous Sample
Logged By:	P. Holland		
Total Depth:	20.0 ft	*Method:*	2" Direct Push
Hammer Wt:			

Depth,ft	FIELD: Sample	FIELD: Blows/ft	LABORATORY: Dry Density pcf	LABORATORY: Moisture Content %	LABORATORY: Compress. Strength tsf	LABORATORY: Other Tests	Pen, tsf	DESCRIPTION
								Surface Elevation: **Estimated feet (Above MSL)**
								CONCRETE 4" thick
								SAND (SP) brown, moist, fine grained sand, poorly sorted, trace silt, no odor
						0.6ppm		
5						0.6ppm		
						0ppm		
10						0ppm		
						0ppm		
15						0ppm		- color change red brown
								- color change dark brown
20								Bottom of hole No free water encountered Backfilled with grout
25								
30								

KLEINFELDER

PROJECT NO. 16408

LOG OF BORING NO. B-1
Westgate Shopping Center
French Dry Cleaners
Daly City, California

PLATE
A-2

C:\PROGRA~1\GINTW\PROJECTS\16408.GPJ

8/13/2002 4:35:56 PM

Date Completed: 6/5/02
Logged By: P. Holland
Total Depth: 20.0 ft
Hammer Wt:

Sampler: Continuous Sample
Method: 2" Direct Push

Depth, ft	FIELD: Sample	FIELD: Blows/ft	LABORATORY: Dry Density pcf	LABORATORY: Moisture Content %	LABORATORY: Compress. Strength tsf	LABORATORY: Other Tests	Pen, tsf	DESCRIPTION
								Surface Elevation: **Estimated feet (Above MSL)**
								CONCRETE 4" thick
						0ppm		**SAND (SP)** brown, moist, fine grained sand, poorly sorted, trace silt, no odor
5						0.3ppm		
10						0ppm		- color change red brown
15						0ppm		
						0.3ppm		- color change dark brown
20								Bottom of hole No free water encountered Backfilled with grout
25								
30								

KLEINFELDER

PROJECT NO. 16408

LOG OF BORING NO. B-2
Westgate Shopping Center
French Dry Cleaners
Daly City, California

PLATE
A-3

C:\PROGRA~1\GINT\WPROJECTS\16408.GPJ

8/13/2002 4:36:04 PM

Date Completed:	6/5/02	*Sampler:*	Continuous Sample
Logged By:	P. Holland		
Total Depth:	32.0 ft	*Method:*	2" Direct Push
Hammer Wt:			

Depth, ft	FIELD: Sample	FIELD: Blows/ft	LABORATORY: Dry Density pcf	LABORATORY: Moisture Content %	LABORATORY: Compress. Strength tsf	LABORATORY: Other Tests	Pen, tsf	DESCRIPTION
								Surface Elevation: **Estimated feet (Above MSL)**
								CONCRETE 4" thick
								SAND (SP) brown, moist, fine grained sand, poorly sorted, trace silt, no odor
						0ppm		
5								
						0ppm		
10								- color change red brown
						0ppm		
15								
						0ppm		- color change dark brown
20								
						0ppm		
25								
						0ppm		
30								

KLEINFELDER

PROJECT NO. 16408

LOG OF BORING NO. B-3

Westgate Shopping Center
French Dry Cleaners
Daly City, California

PLATE

A-4

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8/13/2002 4:36:09 PM

Depth, ft	Sample	Blows/ft	Dry Density pcf	Moisture Content %	Compress. Strength tsf	Other Tests	Pen, tsf	DESCRIPTION
								(Continued from previous plate)
						0ppm		Bottom of hole No free water encountered Backfilled with grout
35								
40								
45								
50								
55								
60								

KLEINFELDER

PROJECT NO. 16408

LOG OF BORING NO. B-3
Westgate Shopping Center
French Dry Cleaners
Daly City, California

PLATE
A-4
(cont'd)

C:\PROGRA~1\GINT\WPROJECTS\16408.GPJ

8/13/2002 4:36:10 PM

Date Completed: 6/6/02
Logged By: P. Holland
Total Depth: 33.0 ft
Hammer Wt:

Sampler: Continuous Sampler
Method: 2" Direct Push

Depth,ft	FIELD: Sample	FIELD: Blows/ft	LABORATORY: Dry Density pcf	LABORATORY: Moisture Content %	LABORATORY: Compress. Strength tsf	LABORATORY: Other Tests	Pen, tsf	DESCRIPTION
								Surface Elevation: Estimated feet (Above MSL)
								CONCRETE 4" thick
								SAND (SP) brown, moist, fine grained sand, poorly sorted, trace silt, no odor
5						0ppm		
10						0ppm		
15						0ppm		
20						0ppm		
25						0ppm		- color change dark brown - color change brown
30								

KLEINFELDER

PROJECT NO. 16408

LOG OF BORING NO. B-1

Westgate Shopping Center
Southgate Dry Cleaners
Daly City, California

PLATE
A-5

C:\PROGRA~1\GINT\PROJECTS\16408A.GPJ

8/13/2002 4:40:02 PM

Depth, ft	FIELD: Sample	FIELD: Blows/ft	LABORATORY: Dry Density pcf	LABORATORY: Moisture Content %	LABORATORY: Compress. Strength tsf	LABORATORY: Other Tests	Pen, tsf	DESCRIPTION
								(Continued from previous plate)
						0ppm		Bottom of boring no free water encountered backfilled with grout
35								
40								
45								
50								
55								
60								

KLEINFELDER

PROJECT NO. 16408

LOG OF BORING NO. B-1
Westgate Shopping Center
Southgate Dry Cleaners
Daly City, California

PLATE
A-5
(cont'd)

C:\PROGRA~1\GINTW\PROJECTS\16408A.GPJ

8/13/2002 4:40:04 PM

Date Completed: 6/6/02
Logged By: P. Holland
Total Depth: 22.0 ft
Hammer Wt:

Sampler: Continuous Sampler
Method: 2" Direct Push

Depth,ft	FIELD: Sample	FIELD: Blows/ft	LABORATORY: Dry Density pcf	LABORATORY: Moisture Content %	LABORATORY: Compress Strength tsf	LABORATORY: Other Tests	Pen, tsf	DESCRIPTION
								Surface Elevation: **Estimated feet (Above MSL)**
0								**CONCRETE** 4" thick
								SAND (SP) brown, moist, fine grained sand, poorly sorted, trace silt, no odor
5						0ppm		
10						0ppm		
15						0ppm		
20						0ppm		
								Bottom of boring no free water encountered backfilled with grout
25								
30								

KLEINFELDER

PROJECT NO. 16408

LOG OF BORING NO. B-2

Westgate Shopping Center
Southgate Dry Cleaners
Daly City, California

PLATE
A-6

C:\PROGRA~1\GINTW\PROJECTS\16408A.GPJ

8/13/2002 4:40:10 PM

Date Completed: 6/6/02
Logged By: P. Holland
Total Depth: 20.0 ft
Hammer Wt:

Sampler: Continuous Sampler
Method: 2" Direct Push

Depth,ft	FIELD: Sample	FIELD: Blows/ft	LABORATORY: Dry Density pcf	LABORATORY: Moisture Content %	LABORATORY: Compress. Strength tsf	LABORATORY: Other Tests	Pen, tsf	DESCRIPTION
								Surface Elevation: **Estimated feet (Above MSL)**
								CONCRETE 4" thick
								SAND (SP) brown, moist, fine grained sand, poorly sorted, trace silt, no odor
								- color change dark brown
5						0ppm		
10						0ppm		
15						0ppm		
20						0ppm		Bottom of boring no free water encountered backfilled with grout
25								
30								

KLEINFELDER

PROJECT NO. 16408

LOG OF BORING NO. B-3
Westgate Shopping Center
Southgate Dry Cleaners
Daly City, California

PLATE
A-7

C:\PROGRA~1\GINT\WPROJECTS\16408A.GPJ
8/13/2002 4:40:15 PM

Date Completed:	7/25/02	*Sampler:*	Standard Penetration Split Spoon 2.0 inch O.D., 1.4 inch I.D.
Logged By:	M. Clark		
Total Depth:	89.5 ft	*Method:*	6" Hollow Stem Auger
Hammer Wt:	140 lbs., 30" drop		

Depth, ft	FIELD: Sample	FIELD: Blows/ft	LABORATORY: Dry Density pcf	LABORATORY: Moisture Content %	LABORATORY: Compress. Strength tsf	LABORATORY: Other Tests	Pen, tsf	DESCRIPTION
								Surface Elevation: **Estimated 88 feet (Above MSL)**
								Asphalt concrete and baserock
								SILTY SAND (SM) - dark brown, moist, loose, fine grained
5						0.0 ppm		
10						0.0 ppm		
15						0.0 ppm		
20						0.0 ppm		
25						0.0 ppm		
30						0.0 ppm		

KLEINFELDER

PROJECT NO. 16408

LOG OF BORING NO. DB-1

Westgate Shopping Center
French Dry Cleaners
Daly City, California

PLATE

A-8

C:\PROGRA~1\GINT\PROJECTS\16408.GPJ

Depth, ft	FIELD: Sample	FIELD: Blows/ft	LABORATORY: Dry Density pcf	LABORATORY: Moisture Content %	LABORATORY: Compress. Strength tsf	LABORATORY: Other Tests	Pen, tsf	DESCRIPTION
								(Continued from previous plate)
								SILTY SAND (SM) - dark brown, moist, loose, fine grained
70						0.0 ppm		
75						0.0 ppm		
80						0.0 ppm		
85						0.0 ppm		
90						0.0 ppm		Bottom of boring Boring backfilled with grout
95								
100								

KLEINFELDER

PROJECT NO. 16408

LOG OF BORING NO. DB-1

Westgate Shopping Center
French Dry Cleaners
Daly City, California

PLATE

A-8
(cont'd)

C:\PROGRA~1\GINT\WPROJECTS\16408.GPJ

Depth, ft	FIELD: Sample	FIELD: Blows/ft	LABORATORY: Dry Density pcf	LABORATORY: Moisture Content %	LABORATORY: Compress. Strength tsf	LABORATORY: Other Tests	Pen, tsf	DESCRIPTION
								(Continued from previous plate)
								SILTY SAND (SM) - dark brown, moist, loose, fine grained
						0.0 ppm		
35								
						0.0 ppm		
40								
						0.0 ppm		
45								
						0.0 ppm		
50								
						0.0 ppm		
55								
						0.0 ppm		
60								
						0.0 ppm		
65								

KLEINFELDER

PROJECT NO. 16408

LOG OF BORING NO. DB-1

Westgate Shopping Center
French Dry Cleaners
Daly City, California

PLATE

A-8
(cont'd)

C:\PROGRA~1\GINT\WPROJECTS\16408.GPJ

Date Completed:	7/25/02	*Sampler:*	Standard Penetration Split Spoon 2.0 inch O.D., 1.4 inch I.D.
Logged By:	M. Clark		
Total Depth:	120.0 ft	*Method:*	6" Hollow Stem Auger
Hammer Wt:	140 lbs., 30" drop		

Depth, ft	FIELD: Sample	FIELD: Blows/ft	LABORATORY: Dry Density pcf	LABORATORY: Moisture Content %	LABORATORY: Compress. Strength tsf	LABORATORY: Other Tests	Pen, tsf	DESCRIPTION
								Surface Elevation: **Estimated 114 feet (Above MSL)**
								Asphalt concrete and baserock
								SILTY SAND (SM) - dark brown, moist, very loose to loose, fine grained
5						0.0 ppm		
10						0.0 ppm		
15						0.0 ppm		
20						0.0 ppm		
25						0.0 ppm		
30						0.0 ppm		
								SILTY SAND (SM) - dark brown, moist, very loose to loose,

KLEINFELDER

PROJECT NO. 16408

LOG OF BORING NO. DB-2

Westgate Shopping Center
French Dry Cleaners
Daly City, California

PLATE

A-9

C:\PROGRA~1\GINT\WPROJECTS\16408.GPJ

Depth, ft	FIELD: Sample	FIELD: Blows/ft	LABORATORY: Dry Density pcf	LABORATORY: Moisture Content %	LABORATORY: Compress. Strength tsf	LABORATORY: Other Tests	Pen, tsf	DESCRIPTION
								(Continued from previous plate)
								fine grained
35						0.0 ppm		
40						0.0 ppm		
45						0.0 ppm		
50						0.0 ppm		
55						0.0 ppm		
60						0.0 ppm		
65						0.0 ppm		
								SILTY SAND (SM) - dark brown, moist, very loose to loose, fine grained

KLEINFELDER

PROJECT NO. 16408

LOG OF BORING NO. DB-2

Westgate Shopping Center
French Dry Cleaners
Daly City, California

PLATE

A-9
(cont'd)

C:\PROGRA~1\GINT\WPROJECTS\16408.GPJ

Depth, ft	FIELD: Sample	FIELD: Blows/ft	LABORATORY: Dry Density pcf	LABORATORY: Moisture Content %	LABORATORY: Compress. Strength tsf	LABORATORY: Other Tests	Pen, tsf	DESCRIPTION
								(Continued from previous plate)
70						0.0 ppm		
75						0.0 ppm		
80						0.0 ppm		
85						0.0 ppm		
90						0.0 ppm		
95						0.0 ppm		
100						0.0 ppm		
105						0.0 ppm		**SILTY SAND (SM)** - dark brown, moist, very loose to loose, fine grained

KLEINFELDER

PROJECT NO. 16408

LOG OF BORING NO. DB-2

Westgate Shopping Center
French Dry Cleaners
Daly City, California

PLATE

A-9
(cont'd)

C:\PROGRA~1\GINT\WPROJECTS\16408.GPJ

Depth, ft	Sample	Blows/ft	Dry Density pcf	Moisture Content %	Compress. Strength tsf	Other Tests	Pen, tsf	DESCRIPTION
								(Continued from previous plate)
						0.0 ppm		
110								
						0.0 ppm		
115								
						0.0 ppm		
120								Bottom of boring Boring backfilled with grout
125								
130								
135								
140								

KLEINFELDER

PROJECT NO. 16408

LOG OF BORING NO. DB-2
Westgate Shopping Center
French Dry Cleaners
Daly City, California

PLATE
A-9
(cont'd)

C:\PROGRA~1\GINTW\PROJECTS\16408.GPJ

APPENDIX B

Certified Analytical Data Sheets

McCampbell Analytical Inc.
110 2nd Avenue South, #D7, Pacheco, CA 94553-5560
Telephone : 925-798-1620 Fax : 925-798-1622
http://www.mccampbell.com E-mail: main@mccampbell.com

Kleinfelder Inc.	Client Project ID: #16408; Southgate Cleaners/Westgate Shopping Ctr.	Date Sampled: 06/02/02
1362 Ridder Park Drive		Date Received: 06/06/02
San Jose, CA 95131	Client Contact: Doug Young	Date Extracted: 06/06/02
	Client P.O.: #16408	Date Analyzed: 06/10/02

Halogenated Volatile Organics by GC-ELCD (8010 Target List)*

Extraction Method: SW5030B Analytical Method: SW8021B Work Order: 0206080

Lab ID	0206080-001A	0206080-002A	0206080-003A	Reporting Limit for DF =1	
Client ID	B1-4.5'-6'	B2-1.5'-3'	B3-0-1.5'		
Matrix	S	S	S		
DF	1	1	1	S	W
Compound	**Concentration**			µg/Kg	ug/L
Bromodichloromethane	ND	ND	ND	5	NA
Bromoform	ND	ND	ND	5	NA
Bromomethane	ND	ND	ND	5	NA
Carbon Tetrachloride	ND	ND	ND	5	NA
Chlorobenzene	ND	ND	ND	5	NA
Chloroethane	ND	ND	ND	5	NA
2-Chloroethyl vinyl ether	ND	ND	ND	5	NA
Chloroform	ND	ND	ND	5	NA
Chloromethane	ND	ND	ND	5	NA
Dibromochloromethane	ND	ND	ND	5	NA
1,2-Dichlorobenzene	ND	ND	ND	5	NA
1,3-Dichlorobenzene	ND	ND	ND	5	NA
1,4-Dichlorobenzene	ND	ND	ND	5	NA
Dichlorodifluoromethane	ND	ND	ND	5	NA
1,1-Dichloroethane	ND	ND	ND	5	NA
1,2-Dichloroethane	ND	ND	ND	5	NA
1,1-Dichloroethene	ND	ND	ND	5	NA
cis-1,2-Dichloroethene	ND	ND	ND	5	NA
trans-1,2-Dichloroethene	ND	ND	ND	5	NA
1,2-Dichloropropane	ND	ND	ND	5	NA
cis-1,3-Dichloropropene	ND	ND	ND	5	NA
trans-1,3-Dichloropropene	ND	ND	ND	5	NA
Methylene chloride	ND	ND	ND	5	NA
1,1,2,2-Tetrachloroethane	ND	ND	ND	5	NA
Tetrachloroethene	ND	ND	ND	5	NA
1,1,1-Trichloroethane	ND	ND	ND	5	NA
1,1,2-Trichloroethane	ND	ND	ND	5	NA
Trichloroethene	ND	ND	ND	5	NA
Trichlorofluoromethane	ND	ND	ND	5	NA
Vinyl Chloride	ND	ND	ND	5	NA
Surrogate Recoveries (%)					
%SS	89.9	91.5	92.5		
Comments					

* water and vapor samples and all TCLP & SPLP extracts are reported in ug/L, soil and sludge samples in ug/kg, wipe samples in ug/wipe

Reporting limit for DF = 1; water/TCLP/SPLP extracts, ND<0.5ug/L; soils and sludges, ND<5ug/kg; wipes, ND<0.2ug/wipe

ND means not detected above the reporting limit; N/A means analyte not applicable to this analysis

(h) a lighter than water immiscible sheen/product is present, (i) liquid sample that contains greater than ~2 vol. % sediment; (j) sample diluted due to high organic content.

DHS Certification No. 1644

Edward Hamilton, Lab Director

McCampbell Analytical Inc.
110 2nd Avenue South, #D7, Pacheco, CA 94553-5560
Telephone : 925-798-1620 Fax : 925-798-1622
http://www.mccampbell.com E-mail: main@mccampbell.com

Kleinfelder Inc. 1362 Ridder Park Drive San Jose, CA 95131	Client Project ID: 16408 French Cleaners/Westgate Shopping Center	Date Sampled: 06/05/02
		Date Received: 06/05/02
	Client Contact: Doug Young	Date Reported: 06/07/02
	Client P.O.:	Date Completed: 06/07/02

June 07, 2002

Dear Doug:

Enclosed are:

1). the results of **3** samples from your **16408 French Cleaners/Westgate Shopping Center project,**

2). a QC report for the above samples

3). a copy of the chain of custody, and

4). a bill for analytical services.

All analyses were completed satisfactorily and all QC samples were found to be within our control limits. If you have any questions please contact me. McCampbell Analytical Laboratories strives for excellence in quality, service and cost. Thank you for your business and I look forward to working with you again.

Yours truly,

Angela Rydelius, Lab Manager

McCampbell Analytical Inc.
110 2nd Avenue South, #D7, Pacheco, CA 94553-5560
Telephone : 925-798-1620 Fax : 925-798-1622
http://www.mccampbell.com E-mail: main@mccampbell.com

Kleinfelder Inc.	Client Project ID: 16408 French Cleaners/Westgate Shopping Center	Date Sampled: 06/05/02
1362 Ridder Park Drive		Date Received: 06/05/02
San Jose, CA 95131	Client Contact: Doug Young	Date Extracted: 06/05/02
	Client P.O.:	Date Analyzed: 06/07/02

Halogenated Volatile Organics by GC-ELCD (8010 Target List)*

Extraction Method: SW5030B | Analytical Method: SW8021B | Work Order: 0206064

Lab ID	0206064-001A	0206064-002A	0206064-003A	Reporting Limit for DF =1	
Client ID	B1-45-6'	B2 3-4.5'	B3 1-3'		
Matrix	S	S	S		
DF	1	1	1	S	W
Compound	**Concentration**			µg/Kg	ug/L
Bromodichloromethane	ND	ND	ND	5	NA
Bromoform	ND	ND	ND	5	NA
Bromomethane	ND	ND	ND	5	NA
Carbon Tetrachloride	ND	ND	ND	5	NA
Chlorobenzene	ND	ND	ND	5	NA
Chloroethane	ND	ND	ND	5	NA
2-Chloroethyl vinyl ether	ND	ND	ND	5	NA
Chloroform	ND	ND	ND	5	NA
Chloromethane	ND	ND	ND	5	NA
Dibromochloromethane	ND	ND	ND	5	NA
1,2-Dichlorobenzene	ND	ND	ND	5	NA
1,3-Dichlorobenzene	ND	ND	ND	5	NA
1,4-Dichlorobenzene	ND	ND	ND	5	NA
Dichlorodifluoromethane	ND	ND	ND	5	NA
1,1-Dichloroethane	ND	ND	ND	5	NA
1,2-Dichloroethane	ND	ND	ND	5	NA
1,1-Dichloroethene	ND	ND	ND	5	NA
cis-1,2-Dichloroethene	ND	ND	ND	5	NA
trans-1,2-Dichloroethene	ND	ND	ND	5	NA
1,2-Dichloropropane	ND	ND	ND	5	NA
cis-1,3-Dichloropropene	ND	ND	ND	5	NA
trans-1,3-Dichloropropene	ND	ND	ND	5	NA
Methylene chloride	ND	ND	ND	5	NA
1,1,2,2-Tetrachloroethane	ND	ND	ND	5	NA
Tetrachloroethene	ND	ND	ND	5	NA
1,1,1-Trichloroethane	ND	ND	ND	5	NA
1,1,2-Trichloroethane	ND	ND	ND	5	NA
Trichloroethene	ND	ND	ND	5	NA
Trichlorofluoromethane	ND	ND	ND	5	NA
Vinyl Chloride	ND	ND	ND	5	NA
Surrogate Recoveries (%)					
%SS	84.0	91.8	94.6		
Comments					

* water and vapor samples and all TCLP & SPLP extracts are reported in ug/L, soil and sludge samples in ug/kg, wipe samples in ug/wipe

Reporting limit for DF = 1; water/TCLP/SPLP extracts, ND<0.5ug/L; soils and sludges, ND<5ug/kg; wipes, ND<0.2ug/wipe

ND means not detected above the reporting limit; N/A means analyte not applicable to this analysis

(h) a lighter than water immiscible sheen/product is present; (i) liquid sample that contains greater than ~2 vol. % sediment; (j) sample diluted due to high organic content.

McCampbell Analytical Inc.
110 2nd Avenue South, #D7, Pacheco, CA 94553-5560
Telephone : 925-798-1620 Fax : 925-798-1622
http://www.mccampbell.com E-mail: main@mccampbell.com

QC SUMMARY REPORT FOR SW8021B

BatchID: 2300 Matrix: S WorkOrder: 0206064

EPA Method: SW8021B Extraction: SW5030B Ext. Date: 6/05/02 Spiked Sample ID: N/A

Compound	Sample	Spiked	MS*	MSD*	MS-MSD*	LCS	LCSD	LCS-LCSD	Acceptance Criteria (%)	
	µg/Kg	µg/Kg	% Rec.	% Rec.	% RPD	% Rec.	% Rec.	% RPD	Low	High
Chlorobenzene	N/A	50	N/A	N/A	N/A	105	99.4	5.6	70	130
1,1-Dichloroethene	N/A	50	N/A	N/A	N/A	98.3	91.5	7.2	70	130
Trichloroethene	N/A	50	N/A	N/A	N/A	116	107	8.3	70	130
%SS	N/A	50	N/A	N/A	N/A	100	98.8	1.5	70	130

All target compounds in the Method Blank of this extraction batch were ND less than the method RL with the following exceptions:

NONE

MS = Matrix Spike; MSD = Matrix Spike Duplicate; LCS = Laboratory Control Sample; LCSD = Laboratory Control Sample Duplicate; RPD = Relative Percent Deviation.

N/A = not enough sample to perform matrix spike, or analyte concentration in sample exceeds spike amount.

% Recovery = 100 * (MS-Sample) / (Amount Spiked); RPD = 100 * (MS – MSD) / (MS + MSD) * 2.

* MS and / or MSD spike recoveries may not be near 100% or the RPDs near 0% if: a) the sample is inhomogenous AND contains significant concentrations of analyte relative to the amount spiked, or b) if that specific sample matrix interferes with spike recovery.

Laboratory extraction solvents such as methylene chloride and acetone may occasionally appear in the method blank at low levels.

McCampbell Analytical Inc.
110 Second Avenue South, #D7
Pacheco, CA 94553-5560
(925) 798-1620

CHAIN-OF-CUSTODY RECORD

WorkOrder: 0206064

Client:
Kleinfelder Inc.
1362 Ridder Park Drive
San Jose, CA 95131

TEL: (408) 436-1155
FAX: (408) 436-1771
ProjectNo: 16408 French Cl
PO:

05-Jun-02

Sample ID	ClientSampID	Matrix	Collection Date	Bottle	Requested Tests SW8021B
0206064-001	B1-45-6'	Soil	6/5/02		A
0206064-002	B2 3-4.5'	Soil	6/5/02		A
0206064-003	B3 1-3'	Soil	6/5/02		A

Comments: 48hr Rush

	Date/Time		Date/Time
Relinquished by:		**Received by:**	
Relinquished by:		**Received by:**	
Relinquished by:		**Received by:**	

NOTE: Samples are discarded 60 days after results are reported unless other arrangements are made. Hazardous samples will be returned to client or disposed of at client expense.

Bottle Type: L-Liter V-Voa S-Soil Jar O-Orbo T-Tedlar B-Brass P-Plastic OT-Other

SEQUOIA ANALYTICAL
CHAIN OF CUSTODY

0206064

❑ [illegible] Jarvis Drive [illegible]gan [illegible], CA [illegible]37 • [illegible] 77[illegible])0 • [illegible] (408 [illegible]-63[illegible]
❑ 1455 McDowell Blvd. North, Suite D • **Petaluma, CA 94954** • (707) 792-1865 • FAX (707) 792-0342
❑ 819 Striker Ave., Suite 8 • **Sacramento, CA 95834** • (916) 921-9600 • FAX (916) 921-0100
❑ 1551 Industrial Road • **San Carlos, CA 94070** • (650) 232-9600 • FAX (650) 232-9612
❑ 404 N. Wiget Lane • **Walnut Creek, CA 94598** • (925) 988-9600 • FAX (925) 988-9673

Company Name: Kleinfelder		Project: 16408 French Cleaners / Westgate Shopping Ctr.	
Mailing Address: 1362 Ridder Park Drive		Billing Address (if different):	
City: San Jose	State: CA	Zip Code: 95131	
Telephone: 408 436 1155	Fax #: 408 436 1771	P.O. #:	**RUSH**
Report To: Doug Young	E-Mail:	QC Data:	❑ Level II (Standard) ❑ Level III ❑ Level IV
Sampler: Pat Hill	Date / Time Results Required:	Sequoia's Work Order #	

Pink - Client

Turnaround Time:
- ❑ 10 - 15 Working Days (Standard TAT)
- ❑ 7 Working Days
- ❑ 5 Working Days
- ❑ 72 Hours
- ☒ 48 Hours
- ❑ 24 Hours
- ❑ 2-8 Hours

MANDATORY:
- ❑ **SDWA (Drinking Water)**
- ❑ **CWA (Waste Water)**
- ❑ **RCRA (Hazardous Waste)**
- ❑ **Other**

ANALYSES REQUESTED (Please provide method)

Client Sample I.D.	Date/Time Sampled	Matrix Desc.	# of Cont.	Container Type	Sequoia's Sample #	VOC's by PCE*	Comments/ Temp.(If required)
1. B1-4.5-6'	6/5/02	Soil	1	Acetate tube	~~acetate tube~~ PM		
2. B2 3-4.5'	"	"	1	"			
3. B3 1-3'	"	"	1	"			
4.							
5.							
6.							
7.							
8.							
9.							
10.						* by 8010 or 8260B	

Yellow - Sequoia

White - Sequoia

Relinquished By: Pat Hill	Received By: Jason Lamont	Date / Time:
Relinquished By: Jason Sandeen	Received By: Maria Venus	Date / Time: 6/5/02 4:0
Relinquished By:	Received By:	Date / Time
Relinquished By:	Received By:	Date / Time:

Were Samples Received in Good Condition? ❑ Yes ❑ No Samples on Ice? ❑ Yes ❑ No Method of Shipment Page of

McCampbell Analytical Inc.
110 2nd Avenue South, #D7, Pacheco, CA 94553-5560
Telephone : 925-798-1620 Fax : 925-798-1622
http://www.mccampbell.com E-mail: main@mccampbell.com

Kleinfelder Inc. 1362 Ridder Park Drive San Jose, CA 95131	Client Project ID: #16408; Southgate Cleaners/Westgate Shopping Ctr.	Date Sampled: 06/02/02
		Date Received: 06/06/02
	Client Contact: Doug Young	Date Reported: 06/10/02
	Client P.O.: #16408	Date Completed: 06/10/02

June 10, 2002

Dear Doug:

Enclosed are:

1). the results of **3** samples from your **#16408; Southgate Cleaners/Westgate Shopping Ctr. project,**

2). a QC report for the above samples

3). a copy of the chain of custody, and

4). a bill for analytical services.

All analyses were completed satisfactorily and all QC samples were found to be within our control limits. If you have any questions please contact me. McCampbell Analytical Laboratories strives for excellence in quality, service and cost. Thank you for your business and I look forward to working with you again.

Yours truly,

Angela Rydelius, Lab Manager

McCampbell Analytical Inc.
110 2nd Avenue South, #D7, Pacheco, CA 94553-5560
Telephone : 925-798-1620 Fax : 925-798-1622
http://www.mccampbell.com E-mail: main@mccampbell.com

Kleinfelder Inc.	Client Project ID: #16408; Southgate Cleaners/Westgate Shopping Ctr.	Date Sampled: 06/02/02
1362 Ridder Park Drive		Date Received: 06/06/02
San Jose, CA 95131	Client Contact: Doug Young	Date Extracted: 06/06/02
	Client P.O.: #16408	Date Analyzed: 06/10/02

Halogenated Volatile Organics by GC-ELCD (8010 Target List)*

Extraction Method: SW5030B | Analytical Method: SW8021B | Work Order: 0206080

Lab ID	0206080-001A	0206080-002A	0206080-003A		Reporting Limit for DF =1	
Client ID	B1-4.5'-6'	B2-1.5'-3'	B3-0-1.5'			
Matrix	S	S	S			
DF	1	1	1		S	W
Compound	**Concentration**				µg/Kg	ug/L
Bromodichloromethane	ND	ND	ND		5	NA
Bromoform	ND	ND	ND		5	NA
Bromomethane	ND	ND	ND		5	NA
Carbon Tetrachloride	ND	ND	ND		5	NA
Chlorobenzene	ND	ND	ND		5	NA
Chloroethane	ND	ND	ND		5	NA
2-Chloroethyl vinyl ether	ND	ND	ND		5	NA
Chloroform	ND	ND	ND		5	NA
Chloromethane	ND	ND	ND		5	NA
Dibromochloromethane	ND	ND	ND		5	NA
1,2-Dichlorobenzene	ND	ND	ND		5	NA
1,3-Dichlorobenzene	ND	ND	ND		5	NA
1,4-Dichlorobenzene	ND	ND	ND		5	NA
Dichlorodifluoromethane	ND	ND	ND		5	NA
1,1-Dichloroethane	ND	ND	ND		5	NA
1,2-Dichloroethane	ND	ND	ND		5	NA
1,1-Dichloroethene	ND	ND	ND		5	NA
cis-1,2-Dichloroethene	ND	ND	ND		5	NA
trans-1,2-Dichloroethene	ND	ND	ND		5	NA
1,2-Dichloropropane	ND	ND	ND		5	NA
cis-1,3-Dichloropropene	ND	ND	ND		5	NA
trans-1,3-Dichloropropene	ND	ND	ND		5	NA
Methylene chloride	ND	ND	ND		5	NA
1,1,2,2-Tetrachloroethane	ND	ND	ND		5	NA
Tetrachloroethene	ND	ND	ND		5	NA
1,1,1-Trichloroethane	ND	ND	ND		5	NA
1,1,2-Trichloroethane	ND	ND	ND		5	NA
Trichloroethene	ND	ND	ND		5	NA
Trichlorofluoromethane	ND	ND	ND		5	NA
Vinyl Chloride	ND	ND	ND		5	NA
Surrogate Recoveries (%)						
%SS	89.9	91.5	92.5			
Comments						

* water and vapor samples and all TCLP & SPLP extracts are reported in ug/L, soil and sludge samples in ug/kg, wipe samples in ug/wipe

Reporting limit for DF = 1; water/TCLP/SPLP extracts, ND<0.5ug/L; soils and sludges, ND<5ug/kg; wipes, ND<0.2ug/wipe

ND means not detected above the reporting limit; N/A means analyte not applicable to this analysis

(h) a lighter than water immiscible sheen/product is present; (i) liquid sample that contains greater than ~2 vol. % sediment; (j) sample diluted due to high organic content.

McCampbell Analytical Inc.
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Telephone : 925-798-1620 Fax : 925-798-1622
http://www.mccampbell.com E-mail: main@mccampbell.com

QC SUMMARY REPORT FOR SW8021B

BatchID: 2316 Matrix: S WorkOrder: 0206080

EPA Method: SW8021B Extraction: SW5030B Ext. Date: 6/06/02 Spiked Sample ID: N/A

Compound	Sample	Spiked	MS*	MSD*	MS-MSD*	LCS	LCSD	LCS-LCSD	Acceptance Criteria (%)	
	µg/Kg	µg/Kg	% Rec.	% Rec.	% RPD	% Rec.	% Rec.	% RPD	Low	High
Chlorobenzene	N/A	50	N/A	N/A	N/A	106	100	5.8	70	130
1,1-Dichloroethene	N/A	50	N/A	N/A	N/A	97	88.2	9.5	70	130
Trichloroethene	N/A	50	N/A	N/A	N/A	103	103	0.11	70	130
%SS	N/A	50	N/A	N/A	N/A	100	98.3	2.2	70	130

All target compounds in the Method Blank of this extraction batch were ND less than the method RL with the following exceptions:

NONE

MS = Matrix Spike; MSD = Matrix Spike Duplicate; LCS = Laboratory Control Sample; LCSD = Laboratory Control Sample Duplicate; RPD = Relative Percent Deviation.

N/A = not enough sample to perform matrix spike, or analyte concentration in sample exceeds spike amount.

% Recovery = 100 * (MS-Sample) / (Amount Spiked); RPD = 100 * (MS – MSD) / (MS + MSD) * 2.

* MS and / or MSD spike recoveries may not be near 100% or the RPDs near 0% if: a) the sample is inhomogenous AND contains significant concentrations of analyte relative to the amount spiked, or b) if that specific sample matrix interferes with spike recovery.

Laboratory extraction solvents such as methylene chloride and acetone may occasionally appear in the method blank at low levels.

SEQUOIA ANALYTICAL
CHAIN OF CUSTODY

RUSH
0206080

☐ 885 Jarvis Drive, Morgan Hill, CA 95037 • (408) 779-8900 • FAX (408) 782-6308
☐ 1455 McDowell Blvd. North, Suite D • **Petaluma, CA 94954** • (707) 792-1865 • FAX (707) 792-0342
☐ 819 Striker Ave., Suite 8 • **Sacramento, CA 95834** • (916) 921-9600 • FAX (916) 921-0100
☐ 1551 Industrial Road • **San Carlos, CA 94070** • (650) 232-9600 • FAX (650) 232-9612
☐ 404 N. Wiget Lane • **Walnut Creek, CA 94598** • (925) 988-9600 • FAX (925) 988-9673

Company Name: Kleinfelder		Project: 16408 Southgate Cleaners / Westgate Shopping Ctr.	
Mailing Address: 1362 Ridder Park Drive		Billing Address (if different):	
City: San Jose	State: CA	Zip Code: 95131	
Telephone: (408) 436-1155	Fax #: (408) 436-1771	P.O. #: 16408	
Report To: Doug Young	E-Mail:	QC Data: ☐ Level II (Standard) ☐ Level III ☐ Level IV	
Sampler: Bob Dillard	Date / Time Results Required:	Sequoia's Work Order #	

Pink - Client

Turnaround Time:
☐ 10 - 15 Working Days (Standard TAT)
☐ 7 Working Days
☐ 5 Working Days
☐ 72 Hours
☒ 48 Hours
☐ 24 Hours
☐ 2-8 Hours

MANDATORY:
☐ **SDWA (Drinking Water)**
☐ **CWA (Waste Water)**
☐ **RCRA (Hazardous Waste)**
☐ **Other**

ANALYSES REQUESTED (Please provide method)

Client Sample I.D.	Date/Time Sampled	Matrix Desc.	# of Cont.	Container Type	Sequoia's Sample #	VOC's & PCE-*								Comments/ Temp.(If required)
1. B1-4.5'-6'	6/6/02	Soil	1	Acetate tube										
2. B2-1.5-3'	"	"	1	"										
3. B3-0-1.5'	"	"	1	"										
4.														
5.														
6.														
7.														
8.														
9.														
10.														

* by 8010 or 8260B

Yellow - Sequoia

White - Sequoia

Relinquished By: Bob Dillard	Received By: B. Butto	Date / Time: 6/6 1:45
Relinquished By: B. Butto	Received By: Maria Mena	Date / Time: 6/6 3:00 pm
Relinquished By:	Received By:	Date / Time
Relinquished By:	Received By:	Date / Time:

Were Samples Received in Good Condition? ☐ Yes ☐ No Samples on Ice? ☐ Yes ☐ No Method of Shipment _____ Page ____ of ____

McCampbell Analytical Inc.
110 Second Avenue South, #D7
Pacheco, CA 94553-5560
(925) 798-1620

CHAIN-OF-CUSTODY RECORD

WorkOrder: 0206080

Client:
Kleinfelder Inc.
1362 Ridder Park Drive
San Jose, CA 95131

TEL: (408) 436-1155
FAX: (408) 436-1771
ProjectNo: #16408; Southga
PO: #16408

06-Jun-02

Sample ID	ClientSampID	Matrix	Collection Date	Bottle	Requested Tests SW8021B
0206080-001	B1-4.5'-6'	Soil	6/6/02		A
0206080-002	B2-1.5'-3'	Soil	6/2/02		A
0206080-003	B3-0-1.5'	Soil	6/2/02		A

Comments: 48hr Rush

	Date/Time		Date/Time
Relinquished by:		**Received by:**	
Relinquished by:		**Received by:**	
Relinquished by:		**Received by:**	

NOTE: Samples are discarded 60 days after results are reported unless other arrangements are made. Hazardous samples will be returned to client or disposed of at client expense.

Bottle Type: L-Liter V-Voa S-Soil Jar O-Orbo T-Tedlar B-Brass P-Plastic OT-Other

McCampbell Analytical Inc.
110 2nd Avenue South, #D7, Pacheco, CA 94553-5560
Telephone : 925-798-1620 Fax : 925-798-1622
http://www.mccampbell.com E-mail: main@mccampbell.com

Kleinfelder Inc.	Client Project ID: #16408; West Lake Shop	Date Sampled: 07/25/02
1362 Ridder Park Drive		Date Received: 07/26/02
San Jose, CA 95131	Client Contact: Doug Young	Date Extracted: 07/29/02
	Client P.O.:	Date Analyzed: 08/01/02-08/02/02

Volatiles Organics by P&T and GC/MS (Basic Target List)*

Extraction Method: Analytical Method: SW8260B Work Order: 0207410

Lab ID	0207410-002A
Client ID	S2-B1
Matrix	Soil

Compound	Concentration *	DF	Reporting Limit	Compound	Concentration *	DF	Reporting Limit
Acetone	ND	1.0	50	Benzene	ND	1.0	5.0
Bromobenzene	ND	1.0	5.0	Bromochloromethane	ND	1.0	5.0
Bromodichloromethane	ND	1.0	5.0	Bromoform	ND	1.0	5.0
Bromomethane	ND	1.0	5.0	2-Butanone (MEK)	ND	1.0	10
n-Butyl benzene	ND	1.0	5.0	sec-Butyl benzene	ND	1.0	5.0
tert-Butyl benzene	ND	1.0	5.0	Carbon Disulfide	ND	1.0	5.0
Carbon Tetrachloride	ND	1.0	5.0	Chlorobenzene	ND	1.0	5.0
Chloroethane	ND	1.0	5.0	2-Chloroethyl Vinyl Ether	ND	1.0	10
Chloroform	ND	1.0	5.0	Chloromethane	ND	1.0	5.0
2-Chlorotoluene	ND	1.0	5.0	4-Chlorotoluene	ND	1.0	5.0
Dibromochloromethane	ND	1.0	5.0	1,2-Dibromo-3-chloropropane	ND	1.0	5.0
1,2-Dibromoethane (EDB)	ND	1.0	5.0	Dibromomethane	ND	1.0	5.0
1,2-Dichlorobenzene	ND	1.0	5.0	1,3-Dichlorobenzene	ND	1.0	5.0
1,4-Dichlorobenzene	ND	1.0	5.0	Dichlorodifluoromethane	ND	1.0	5.0
1,1-Dichloroethane	ND	1.0	5.0	1,2-Dichloroethane (1,2-DCA)	ND	1.0	5.0
1,1-Dichloroethene	ND	1.0	5.0	cis-1,2-Dichloroethene	ND	1.0	5.0
trans-1,2-Dichloroethene	ND	1.0	5.0	1,2-Dichloropropane	ND	1.0	5.0
1,3-Dichloropropane	ND	1.0	5.0	2,2-Dichloropropane	ND	1.0	5.0
1,1-Dichloropropene	ND	1.0	5.0	cis-1,3-Dichloropropene	ND	1.0	5.0
trans-1,3-Dichloropropene	ND	1.0	5.0	Ethylbenzene	ND	1.0	5.0
Hexachlorobutadiene	ND	1.0	5.0	2-Hexanone	ND	1.0	5.0
Iodomethane (Methyl iodide)	ND	1.0	10	4-Isopropyl toluene	ND	1.0	5.0
Isopropylbenzene	ND	1.0	5.0	4-Methyl-2-pentanone (MIBK)	ND	1.0	5.0
Methylene chloride	ND	1.0	5.0	Methyl-t-butyl ether (MTBE)	ND	1.0	5.0
Naphthalene	ND	1.0	5.0	n-Propyl benzene	ND	1.0	5.0
Styrene	ND	1.0	5.0	1,1,1,2-Tetrachloroethane	ND	1.0	5.0
1,1,2,2-Tetrachloroethane	ND	1.0	5.0	Tetrachloroethene	ND	1.0	5.0
Toluene	ND	1.0	5.0	1,2,3-Trichlorobenzene	ND	1.0	5.0
1,2,4-Trichlorobenzene	ND	1.0	5.0	1,1,1-Trichloroethane	ND	1.0	5.0
1,1,2-Trichloroethane	ND	1.0	5.0	Trichloroethene	ND	1.0	5.0
Trichlorofluoromethane	ND	1.0	5.0	1,2,3-Trichloropropane	ND	1.0	5.0
1,2,4-Trimethylbenzene	ND	1.0	5.0	1,3,5-Trimethylbenzene	ND	1.0	5.0
Vinyl Acetate	ND	1.0	50	Vinyl Chloride	ND	1.0	5.0
Xylenes	ND	1.0	5.0				

Surrogate Recoveries (%)

%SS1:	82.7	%SS2:	109
%SS3:	111		

Comments:

* water and vapor samples and all TCLP & SPLP extracts are reported in ug/L, soil/sludge/solid samples in ug/kg, wipe samples in ug/wipe, product/oil/non-aqueous liquid samples in mg/L.

ND means not detected above the reporting limit; N/A means analyte not applicable to this analysis.

low surrogate recovery due to matrix interference.

h) lighter than water immiscible sheen/product is present; i) liquid sample that contains greater than ~2 vol. % sediment; j) sample diluted due to high organic content.

DHS Certification No. 1644

Edward Hamilton, Lab Director

McCampbell Analytical Inc.
110 2nd Avenue South, #D7, Pacheco, CA 94553-5560
Telephone : 925-798-1620 Fax : 925-798-1622
http://www.mccampbell.com E-mail: main@mccampbell.com

Kleinfelder Inc.	Client Project ID: #16408; West Lake Shop	Date Sampled: 07/25/02
1362 Ridder Park Drive		Date Received: 07/26/02
San Jose, CA 95131	Client Contact: Doug Young	Date Extracted: 07/29/02
	Client P.O.:	Date Analyzed: 08/01/02-08/02/02

Volatiles Organics by P&T and GC/MS (Basic Target List)*

Extraction Method: Analytical Method: SW8260B Work Order: 0207410

Lab ID	0207410-005A
Client ID	S2-B2
Matrix	Soil

Compound	Concentration *	DF	Reporting Limit	Compound	Concentration *	DF	Reporting Limit
Acetone	ND	1.0	50	Benzene	ND	1.0	5.0
Bromobenzene	ND	1.0	5.0	Bromochloromethane	ND	1.0	5.0
Bromodichloromethane	ND	1.0	5.0	Bromoform	ND	1.0	5.0
Bromomethane	ND	1.0	5.0	2-Butanone (MEK)	ND	1.0	10
n-Butyl benzene	ND	1.0	5.0	sec-Butyl benzene	ND	1.0	5.0
tert-Butyl benzene	ND	1.0	5.0	Carbon Disulfide	ND	1.0	5.0
Carbon Tetrachloride	ND	1.0	5.0	Chlorobenzene	ND	1.0	5.0
Chloroethane	ND	1.0	5.0	2-Chloroethyl Vinyl Ether	ND	1.0	10
Chloroform	ND	1.0	5.0	Chloromethane	ND	1.0	5.0
2-Chlorotoluene	ND	1.0	5.0	4-Chlorotoluene	ND	1.0	5.0
Dibromochloromethane	ND	1.0	5.0	1,2-Dibromo-3-chloropropane	ND	1.0	5.0
1,2-Dibromoethane (EDB)	ND	1.0	5.0	Dibromomethane	ND	1.0	5.0
1,2-Dichlorobenzene	ND	1.0	5.0	1,3-Dichlorobenzene	ND	1.0	5.0
1,4-Dichlorobenzene	ND	1.0	5.0	Dichlorodifluoromethane	ND	1.0	5.0
1,1-Dichloroethane	ND	1.0	5.0	1,2-Dichloroethane (1,2-DCA)	ND	1.0	5.0
1,1-Dichloroethene	ND	1.0	5.0	cis-1,2-Dichloroethene	ND	1.0	5.0
trans-1,2-Dichloroethene	ND	1.0	5.0	1,2-Dichloropropane	ND	1.0	5.0
1,3-Dichloropropane	ND	1.0	5.0	2,2-Dichloropropane	ND	1.0	5.0
1,1-Dichloropropene	ND	1.0	5.0	cis-1,3-Dichloropropene	ND	1.0	5.0
trans-1,3-Dichloropropene	ND	1.0	5.0	Ethylbenzene	ND	1.0	5.0
Hexachlorobutadiene	ND	1.0	5.0	2-Hexanone	ND	1.0	5.0
Iodomethane (Methyl iodide)	ND	1.0	10	4-Isopropyl toluene	ND	1.0	5.0
Isopropylbenzene	ND	1.0	5.0	4-Methyl-2-pentanone (MIBK)	ND	1.0	5.0
Methylene chloride	ND	1.0	5.0	Methyl-t-butyl ether (MTBE)	ND	1.0	5.0
Naphthalene	ND	1.0	5.0	n-Propyl benzene	ND	1.0	5.0
Styrene	ND	1.0	5.0	1,1,1,2-Tetrachloroethane	ND	1.0	5.0
1,1,2,2-Tetrachloroethane	ND	1.0	5.0	Tetrachloroethene	ND	1.0	5.0
Toluene	ND	1.0	5.0	1,2,3-Trichlorobenzene	ND	1.0	5.0
1,2,4-Trichlorobenzene	ND	1.0	5.0	1,1,1-Trichloroethane	ND	1.0	5.0
1,1,2-Trichloroethane	ND	1.0	5.0	Trichloroethene	ND	1.0	5.0
Trichlorofluoromethane	ND	1.0	5.0	1,2,3-Trichloropropane	ND	1.0	5.0
1,2,4-Trimethylbenzene	ND	1.0	5.0	1,3,5-Trimethylbenzene	ND	1.0	5.0
Vinyl Acetate	ND	1.0	50	Vinyl Chloride	ND	1.0	5.0
Xylenes	ND	1.0	5.0				

Surrogate Recoveries (%)

%SS1:	81.5	%SS2:	106
%SS3:	109		

Comments:

* water and vapor samples and all TCLP & SPLP extracts are reported in ug/L, soil/sludge/solid samples in ug/kg, wipe samples in ug/wipe, product/oil/non-aqueous liquid samples in mg/L.

ND means not detected above the reporting limit; N/A means analyte not applicable to this analysis

low surrogate recovery due to matrix interference.

h) lighter than water immiscible sheen/product is present; i) liquid sample that contains greater than ~2 vol. % sediment; j) sample diluted due to high organic content.

DHS Certification No. 1644

Edward Hamilton, Lab Director

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110 2nd Avenue South, #D7, Pacheco, CA 94553-5560
Telephone : 925-798-1620 Fax : 925-798-1622
http://www.mccampbell.com E-mail: main@mccampbell.com

Kleinfelder Inc.	Client Project ID: #16408; West Lake Shop	Date Sampled: 07/25/02
1362 Ridder Park Drive		Date Received: 07/26/02
San Jose, CA 95131	Client Contact: Doug Young	Date Extracted: 07/29/02
	Client P.O.:	Date Analyzed: 08/01/02-08/02/02

Volatiles Organics by P&T and GC/MS (Basic Target List)*

Extraction Method: Analytical Method: SW8260B Work Order: 0207410

Lab ID	0207410-006A
Client ID	S3-B2
Matrix	Soil

Compound	Concentration *	DF	Reporting Limit	Compound	Concentration *	DF	Reporting Limit
Acetone	ND	1.0	50	Benzene	ND	1.0	5.0
Bromobenzene	ND	1.0	5.0	Bromochloromethane	ND	1.0	5.0
Bromodichloromethane	ND	1.0	5.0	Bromoform	ND	1.0	5.0
Bromomethane	ND	1.0	5.0	2-Butanone (MEK)	ND	1.0	10
n-Butyl benzene	ND	1.0	5.0	sec-Butyl benzene	ND	1.0	5.0
tert-Butyl benzene	ND	1.0	5.0	Carbon Disulfide	ND	1.0	5.0
Carbon Tetrachloride	ND	1.0	5.0	Chlorobenzene	ND	1.0	5.0
Chloroethane	ND	1.0	5.0	2-Chloroethyl Vinyl Ether	ND	1.0	10
Chloroform	ND	1.0	5.0	Chloromethane	ND	1.0	5.0
2-Chlorotoluene	ND	1.0	5.0	4-Chlorotoluene	ND	1.0	5.0
Dibromochloromethane	ND	1.0	5.0	1,2-Dibromo-3-chloropropane	ND	1.0	5.0
1,2-Dibromoethane (EDB)	ND	1.0	5.0	Dibromomethane	ND	1.0	5.0
1,2-Dichlorobenzene	ND	1.0	5.0	1,3-Dichlorobenzene	ND	1.0	5.0
1,4-Dichlorobenzene	ND	1.0	5.0	Dichlorodifluoromethane	ND	1.0	5.0
1,1-Dichloroethane	ND	1.0	5.0	1,2-Dichloroethane (1,2-DCA)	ND	1.0	5.0
1,1-Dichloroethene	ND	1.0	5.0	cis-1,2-Dichloroethene	ND	1.0	5.0
trans-1,2-Dichloroethene	ND	1.0	5.0	1,2-Dichloropropane	ND	1.0	5.0
1,3-Dichloropropane	ND	1.0	5.0	2,2-Dichloropropane	ND	1.0	5.0
1,1-Dichloropropene	ND	1.0	5.0	cis-1,3-Dichloropropene	ND	1.0	5.0
trans-1,3-Dichloropropene	ND	1.0	5.0	Ethylbenzene	ND	1.0	5.0
Hexachlorobutadiene	ND	1.0	5.0	2-Hexanone	ND	1.0	5.0
Iodomethane (Methyl iodide)	ND	1.0	10	4-Isopropyl toluene	ND	1.0	5.0
Isopropylbenzene	ND	1.0	5.0	4-Methyl-2-pentanone (MIBK)	ND	1.0	5.0
Methylene chloride	ND	1.0	5.0	Methyl-t-butyl ether (MTBE)	ND	1.0	5.0
Naphthalene	ND	1.0	5.0	n-Propyl benzene	ND	1.0	5.0
Styrene	ND	1.0	5.0	1,1,1,2-Tetrachloroethane	ND	1.0	5.0
1,1,2,2-Tetrachloroethane	ND	1.0	5.0	Tetrachloroethene	ND	1.0	5.0
Toluene	ND	1.0	5.0	1,2,3-Trichlorobenzene	ND	1.0	5.0
1,2,4-Trichlorobenzene	ND	1.0	5.0	1,1,1-Trichloroethane	ND	1.0	5.0
1,1,2-Trichloroethane	ND	1.0	5.0	Trichloroethene	ND	1.0	5.0
Trichlorofluoromethane	ND	1.0	5.0	1,2,3-Trichloropropane	ND	1.0	5.0
1,2,4-Trimethylbenzene	ND	1.0	5.0	1,3,5-Trimethylbenzene	ND	1.0	5.0
Vinyl Acetate	ND	1.0	50	Vinyl Chloride	ND	1.0	5.0
Xylenes	ND	1.0	5.0				

Surrogate Recoveries (%)

%SS1:	84.7	%SS2:	107
%SS3:	112		

Comments:

* water and vapor samples and all TCLP & SPLP extracts are reported in ug/L, soil/sludge/solid samples in ug/kg, wipe samples in ug/wipe, product/oil/non-aqueous liquid samples in mg/L.

ND means not detected above the reporting limit; N/A means analyte not applicable to this analysis.

low surrogate recovery due to matrix interference.

h) lighter than water immiscible sheen/product is present; i) liquid sample that contains greater than ~2 vol. % sediment; j) sample diluted due to high organic content.

DHS Certification No. 1644

Edward Hamilton, Lab Director

McCAMPBELL ANALYTICAL INC.

110 2nd AVENUE SOUTH, #D7
PACHECO, CA 94553-5560
Telephone: (925) 798-1620 Fax: (925) 798-1622

CHAIN OF CUSTODY RECORD

TURN AROUND TIME: ☐ RUSH ☐ 24 HR ☐ 48 HR ☐ 72 HR ☒ 5 DAY

Report To: Doug Young Bill To: Doug Young
Company: Kleinfelder
1362 Ridder Park Dr
San Jose, CA
Tele: ( ) 408-436-1155 Fax: ( ) 408 436 1771
Project #: 16408 Project Name: West Lake Shopping Center
Project Location: West Lake Shopping Center, Daly City, CA
Sampler Signature: Matthew Clem

SAMPLE ID	LOCATION	SAMPLING Date	SAMPLING Time	# Containers	Type Containers	MATRIX: Water	Soil	Air	Sludge	Other	METHOD PRESERVED: Ice	HCl	HNO_3	Other
S1-B1	French Cleaner	7/25		1	Sleeve		X				X			
S2-B1	"	"		1	Sleeve		X				X			
W1-B1	"	"	11a	3	VOA	X					X	X		
S1-B2	Southgate Cleaner	7/26		1	Sleeve		X				X			
S2-B2	"	"		1	"		X				X			
S3-B2	"	"		1	"		X				X			

Analysis Request: BTEX & TPH as Gas (602/8020 + 8015) MTBE; TPH as Diesel (8015); Total Petroleum Oil & Grease (5520 E&F/B&F); Total Petroleum Hydrocarbons (418.1); EPA 601 / 8010; BTEX ONLY (EPA 602 / 8020); EPA 608 / 8080; EPA 608 / 8080 PCB's ONLY; EPA 624 / 8240 / 8260; EPA 625 / 8270; PAH's / PNA's by EPA 625 / 8270 / 8310; CAM-17 Metals; LUFT 5 Metals; Lead (7240/7421/239.2/6010); RCI

Other: pH; TSS; Specific Conductivity

Comments:

Relinquished By:	Date:	Time:	Received By:
M. Clem	7/26	3:30p	DENALI 2902
DENALI	7/26/02	1525	Mai Collier
Relinquished By:	Date:	Time:	Received By:

Remarks:

ICE/T° ✓ VOA'S ✓
GOOD CONDITION ✓
HEAD SPACE ABSENT ✓
PRESERVATION ✓
APPROPRIATE CONTAINERS ✓

Sent By: McCampbell Analytical, Inc.; 1 925 798 4012; Aug-2-02 1:04PM; Page 2

McCampbell Analytical Inc.
110 Second Avenue South, #D7
Pacheco, CA 94553-5560
(925) 798-1620

CHAIN-OF-CUSTODY RECORD

WorkOrder: 0207410

Client:
Kleinfelder Inc.
1362 Ridder Park Drive
San Jose, CA 95131

TEL: (408) 436-1155
FAX: (408) 436-1771
ProjectNo: #16408; West La
PO:

26-Jul-02

Sample ID	ClientSampID	Matrix	Collection Date	Bottle	Requested Tests SW8260B
0207410-001	SI-BI	Soil	7/25/02		A
0207410-002	S2-B1	Soil	7/25/02		A
0207410-003	WI-BI	Water	7/25/02		A
0207410-004	SI-B2	Soil	7/26/02		A
0207410-005	S2-B2	Soil	7/26/02		A
0207410-006	S3-B2	Soil	7/26/02		A

Comments:

	Date/Time		Date/Time
Relinquished by:		**Received by:**	
Relinquished by:		**Received by:**	
Relinquished by:		**Received by:**	

NOTE: Samples are discarded 60 days after results are reported unless other arrangements are made. Hazardous samples will be returned to client or disposed of at client expense.

Bottle Type: L-Liter V-Voa S-Soil Jar O-Orbo T-Tedlar B-Brass P-Plastic OT-Other

Sent By: McCampbell Analytical, Inc.; 1 925 798 4612; Aug-2-02 1:04PM; Page 3/3

From: Gabriel Matson
Sent: Tuesday, February 14, 2017 8:39 AM
To: 'Wong, Melinda@Waterboards'
Subject: Public Records Request in Daly City, CA

Good Morning Melinda,

Hello,

I will be conducting a Phase I Environmental Site Assessment for the Westlake Shopping Center in Daly City, CA which includes following addresses:
239 Westlake Center
243 Westlake Center
213 Westlake Center
42 Park Plaza Dr, Suite 325
30 Park Plaza Dr
34 Park Plaza Dr
201 Westlake Center
36 Park Plaza Dr
321 S Mayfair Ave, Suite 227
42 Park Plaza Dr
215 Westlake Center
32 Park Plaza Dr
235 Westlake Center
247 Westlake Center
38 Park Plaza Dr
311 Lake Merced Blvd
341 S Mayfair Avenue
213 Westlake Center
311 Lake Merced Blvd
311 Lake Merced Blvd
44 Park Plaza Drive
34 Park Plaza Dr
201 Westlake Center
36 Park Plaza Dr
227 Westlake Center

We are interested in all the files available from this property for the entire history of the address.

If you have any questions feel free to call me.

Thank you,

Gabe Matson |Staff Geologist |Roux Associates, Inc.
555 12th Street, Suite 1725 | Oakland, California 94607
Tel: 415-967-6000 | Direct: 415-967-6026 | Cell: 925-768-6067 | Fax: 415-967-6001
Email: gmatson@rouxinc.com | Website: www.rouxinc.com

On 2/21/2017 at 10:14 am, Roux Associates personnel received a call from Melinda Wong of the San Francisco Bay Regional Water Quality Control Board (Water Board). Ms. Wong informed Roux Associates that the Water Board does not have records on file for the requested addresses.

From: Gabriel Matson
Sent: Tuesday, February 14, 2017 8:30 AM
To: 'PubReqAct@dtsc.ca.gov'
Subject: Public Records Request

Hello,

I will be conducting a Phase I Environmental Site Assessment for the Westlake Shopping Center in Daly City, CA which includes following addresses:
239 Westlake Center
243 Westlake Center
213 Westlake Center
42 Park Plaza Dr, Suite 325
30 Park Plaza Dr
34 Park Plaza Dr
201 Westlake Center
36 Park Plaza Dr
321 S Mayfair Ave, Suite 227
42 Park Plaza Dr
215 Westlake Center
32 Park Plaza Dr
235 Westlake Center
247 Westlake Center
38 Park Plaza Dr
311 Lake Merced Blvd
341 S Mayfair Avenue
213 Westlake Center
311 Lake Merced Blvd
311 Lake Merced Blvd
44 Park Plaza Drive
34 Park Plaza Dr
201 Westlake Center
36 Park Plaza Dr
227 Westlake Center

We are interested in all the files available from this property for the entire history of the address.

If you have any questions feel free to call me.

Thank you,

Gabe Matson |Staff Geologist |Roux Associates, Inc.
555 12th Street, Suite 1725 | Oakland, California 94607
Tel: 415-967-6000 | Direct: 415-967-6026 | Cell: 925-768-6067 | Fax: 415-967-6001
Email: gmatson@rouxinc.com | Website: www.rouxinc.com

We solve our clients' most challenging environmental problems.

Department of Toxic Substances Control

Matthew Rodriquez
Secretary for
Environmental Protection

Barbara A. Lee, Director
8800 Cal Center Drive
Sacramento, California 95826-3200

Edmund G. Brown Jr.
Governor

February 17, 2017

Mr. Gabriel Matson
Roux Associates, Inc.
555 12th Street, Suite 1725
Oakland, California 94607

Westlake Shopping Center in Daly City, CA which includes the following addresses:

239 Westlake Center, 243 Westlake Center, 213 Westlake Center, 42 Park Plaza Dr, Suite 325, 30 Park Plaza Dr, 34 Park Plaza Dr, 201 Westlake Center, 36 Park Plaza Dr, 321 S Mayfair Ave, Suite 227, 42 Park Plaza Dr, 215 Westlake Center, 32 Park Plaza Dr, 235 Westlake Center, 247 Westlake Center, 38 Park Plaza Dr, 311 Lake Merced Blvd, 341 S Mayfair Avenue, 213 Westlake Center, 311 Lake Merced Blvd, 311 Lake Merced Blvd, 44 Park Plaza Drive, 34 Park Plaza Dr, 201 Westlake Center, 36 Park Plaza Dr, 227 Westlake Center

PR 1-021417-01

Dear Mr. Matson:

We have received your Public Records Act Request for records from the Department of Toxic Substances Control.

After a thorough review of our files we have found that no such records exist at this office pertaining to the sites/facilities referenced above.

We would like to inform you about Envirostor, a database that provides information and documents on over 5,000 DTSC cleanup sites. EnviroStor can be accessed at: http://www.envirostor.dtsc.ca.gov/public. Also, a computer is available in the Central Files of each DTSC Regional Office for use by community members to view EnviroStor.

If you have any questions, would like further information regarding your request or

Printed on Recycled Paper

would like an appointment to visit Sacramento's Central Files, please contact me at (916) 255-2796.

Sincerely,

Jan Papararo
Regional Records Coordinator

APPENDIX C

Questionnaire

Phase I ESA Questionnaire
ASTM E1527-13

Question	Seller/Tenant/Buyer	Observed During Site Walk	If "Yes" Please provide more details
1 Is the property used for an industrial use?	Yes **No** Unk	Yes No	
2 Is any adjoining property used for an industrial use?	Yes **No** Unk	Yes No	
3 Did you observe evidence or do you have any prior knowledge that the property has been used for an industrial use in the past?	Yes No **Unk**	Yes No	
4 Is the property used as a gasoline station, motor repair facility, commercial printing facility, dry cleaners, photo developing laboratory, junkyard or landfill, or as a waste treatment, storage, disposal, processing, or recycling facility (if applicable, identify which)?	Yes **No** Unk	Yes No	NOT CURRENTLY A DRY CLEANER BUT HISTORICALLY, YES
5 Is any adjoining property used as a gasoline station, motor repair facility, commercial printing facility, dry cleaners, photo developing laboratory, junkyard or landfill, or as a waste treatment, storage, disposal, processing, or recycling facility (if applicable, identify which)?	**Yes** No Unk	Yes No	
6 Did you observe evidence or do you have any prior knowledge that the property was used as a gasoline station, motor repair facility, commercial printing facility, dry cleaners, photo developing laboratory, junkyard or landfill, or as a waste treatment, storage, disposal, processing, or recycling facility (if applicable, identify which)?	**Yes** No Unk	Yes No	
7 Did you observe evidence or do you have any prior knowledge that any adjoining property has been used as a gasoline station, motor repair facility, commercial printing facility, dry cleaners, photo developing laboratory, junkyard or landfill, or as a waste treatment, storage, disposal, processing, or recycling facility (if applicable, identify which)?	**Yes** No Unk	Yes No	
8 Are there currently any damaged or discarded automotive or industrial batteries, pesticides, paints, or other chemicals in individual containers of >5 gal (19 L) in volume or 50 gal (190 L) in the aggregate, stored on or used at the property or at the facility?	Yes **No** Unk	Yes No	

Phase I ESA Questionnaire
ASTM E1527-13

Question	Seller/Tenant/Buyer	Observed During Site Walk	If "Yes" Please provide more details
9 Did you observe evidence or do you have any prior knowledge that there have been previously any damaged or discarded automotive or industrial batteries, or pesticides, paints, or other chemicals in individual containers of >5 gal (19 L) in volume or 50 gal (190 L) in the aggregate, stored on or used at the property or at the facility?	Yes **No** Unk	Yes No	
10 Did you observe evidence or do you have any prior knowledge that there have been previously any industrial drums (typically 55 gal (208 L)) or sacks of chemicals located on the property or at the facility?	Yes **No** Unk	Yes No	

Phase I ESA Questionnaire
ASTM E1527-13

Question	Seller/Tenant/Buyer	Observed During Site Walk	If "Yes" Please provide more details
11 Did you observe evidence or do you have any prior knowledge that fill dirt has been brought onto the property that originated from a contaminated site?	Yes **No** Unk	Yes No	
12 Did you observe evidence or do you have any prior knowledge that fill dirt has been brought onto the property that is of an unknown origin?	Yes **No** Unk	Yes No	
13 Are there currently any pits, ponds, or lagoons located on the property in connection with waste treatment or waste disposal?	Yes **No** Unk	Yes No	
14 Did you observe evidence or do you have any prior knowledge that there have been previously, any pits, ponds, or lagoons located on the property in connection with waste treatment or waste disposal?	Yes **No** Unk	Yes No	
15 Is there currently any stained soil on the property?	Yes No **Unk**	Yes No	
16 Did you observe evidence or do you have any prior knowledge that there has been previously, any stained soil on the property?	Yes **No** Unk	Yes No	
17 Are there currently any registered or unregistered storage tanks (above or underground) located on the property?	Yes No **Unk**	Yes No	
18 Did you observe evidence or do you have any prior knowledge that there have been previously, any registered or unregistered storage tanks (above or underground) located on the property?	Yes **No** Unk	Yes No	
19 Are there currently any vent pipes, fill pipes, or access ways indicating a fill pipe protruding from the ground on the property or adjacent to any structure located on the property?	Yes No **Unk**	Yes No	

Phase I ESA Questionnaire
ASTM E1527-13

Question	Seller/Tenant/Buyer	Observed During Site Walk	If "Yes" Please provide more details
20 Did you observe evidence or do you have any prior knowledge that there have been previously, any vent pipes, fill pipes, or access ways indicating a fill pipe protruding from the ground on the property or adjacent to any structure located on the property?	Yes **No** Unk	Yes No	
21 Is there currently evidence of leaks, spills or staining by substances other than water, or foul odors, associated with any flooring, drains, walls, ceilings, or exposed grounds on the property?	Yes No **Unk**	Yes No	
22 Did you observe evidence or do you have any prior knowledge that there have been previously any leaks, spills, or staining by substances other than water, or foul odors, associated with any flooring drains, walls, ceilings or exposed grounds on the property ?	Yes **No** Unk	Yes No	
23 If the property is served by a private well or non-public water system, is there evidence or do you have prior knowledge that contaminants have been identified in the well or system that exceed guidelines applicable to the water system?	Yes **No** Unk	Yes No	
24 If the property is served by a private well or non-public water system, is there evidence or do you have prior knowledge that the well has been designated as contaminated by any government environmental/health agency?	Yes **No** Unk	Yes No	
25 Has the owner or occupant of the property been informed of the past existence of hazardous substances or petroleum products with respect to the property or any facility located on the property?	**Yes** No Unk	Yes No	REMEDIATION UNDERWAY FOR FORMER DRYCLEAN FACILITY.

Phase I ESA Questionnaire
ASTM E1527-13

Question	Seller/Tenant/Buyer			Observed During Site Walk		If "Yes" Please provide more details
26 Has the owner or occupant of the property been informed of the current existence of hazardous substances or petroleum products with respect to the property or any facility located on the property?	Yes	No	Unk	Yes	No	SEE ABOVE
27 Has the owner or occupant of the property been informed of the past existence of environmental violations with respect to the property or any facility located on the property?	Yes	No	Unk	Yes	No	SEE ABOVE
28 Has the owner or occupant of the property been informed of the current existence of environmental violations with respect to the property or any facility located on the property?	Yes	No	Unk	Yes	No	SEE ABOVE
29 Does the owner or occupant of the property have any knowledge of any environmental site assessment of the property or facility that indicated the presence of hazardous substances or petroleum products on, or contamination of, the property or recommended further assessment of the property?	Yes	No	Unk	Yes	No	SEE ABOVE
30 Does the owner or occupant of the property know of any past, threatened, or pending lawsuits or administrative proceedings concerning a release or threatened release of any hazardous substance or petroleum products involving the property by any owner or occupant of the property?	Yes	No	Unk	Yes	No	SEE ABOVE
31 Does the property discharge waste-water (not including sanitary waste or storm water) onto or adjacent to the property and/or into a storm water system?	Yes	No	Unk	Yes	No	
32 Does the property discharge waste water (not including sanitary waste or storm water) onto or adjacent to the property and/or into a sanitary sewer system?	Yes	No	Unk	Yes	No	

Phase I ESA Questionnaire
ASTM E1527-13

Question	Seller/Tenant/Buyer			Observed During Site Walk		If "Yes" Please provide more details
33 Did you observe evidence or do you have any prior knowledge that any hazardous substances or petroleum products, unidentified waste materials, tires, automotive or industrial batteries, or any other waste materials have been dumped above grade, buried and/or burned on the property ?	Yes	No	Unk	Yes	No	SEE ABOVES
34 Is there a transformer, capacitor, or any hydraulic equipment for which there are any records indicating the presence of PCBs?	Yes	No	Unk	Yes	No	
35 Were there any previous environmental assessments done at the Property? If "Yes", please make the documents available.	Yes	No	Unk	Yes	No	

Completed By: MARIA TEOS

Title: PROPERTY MANAGER

Completed On: 2/14/17

The Following Questions are Required from the User per AAI Compliance

	Question	Owner			Observed During Site Walk		If "Yes" Please provide more details
1	Does the User, Owner or operator the property have any knowledge of environmental liens or governmental notification relating to past or recurrent violations of environmental laws with respect to the property or any facility located on the property?	Yes	No	Unk	Yes	No	
2	Did a search of recorded land title records or judicial records identify any AULs, such as engineering controls, land use restrictions or institutional controls that are in place at the property and/or have been filed or recorded against the property under federal, tribal, state or local law?	Yes	No	Unk	Yes	No	
3	Do you have any specialized knowledge or experience related to the *property* or nearby properties? For example, are you involved in the same line of business as the current or former *occupants* of the *property* or an *adjoining property* so that you would have specialized knowledge of the chemicals and processes used by this type of business?	Yes	No	Unk	Yes	No	
4	Have you considered whether the lower purchase price is because contamination is known or believed to be present at the *property*?	Yes	No	Unk	Yes	No	
5	Are you aware of commonly known or reasonably ascertainable information about the property that would help the environmental professional to identify conditions that are indicative of releases or threatened releases? For example:	N/A					
	(a.) Do you know the past uses of the property?	Yes	No	Unk	Yes	No	
	(b.) Do you know of specific chemicals that are present or once were present at the property?	Yes	No	Unk	Yes	No	PERC FROM DRYCLEANERS
	(c.) Do you know of spills or other chemical releases that have taken place at the property?	Yes	No	Unk	Yes	No	
	(d.) Do you know of any environmental cleanups that have taken place at the property?	Yes	No	Unk	Yes	No	, ONGOING

The Following **Questions are Required from the User per AAI Compliance**							
	Question	**Owner**			**Observed During Site Walk**		**If "Yes" Please provide more details**
6	Based on your knowledge and experience related to the property are there any obvious indicators that point to the presence or likely presence of releases at the property?	**Yes**	**No**	**Unk**	**Yes**	**No**	

Completed By: MARIA TEOS

Title: PROPERTY MANAGER

Completed On: 2/14/17

APPENDIX D

Historical Aerial Photographs

Westlake Center

Westlake Center

Daly City, CA 94015

Inquiry Number: 4851929.9

February 13, 2017

The EDR Aerial Photo Decade Package

6 Armstrong Road, 4th floor
Shelton, CT 06484
Toll Free: 800.352.0050
www.edrnet.com

EDR Aerial Photo Decade Package

02/13/17

Site Name:

Westlake Center
Westlake Center
Daly City, CA 94015
EDR Inquiry # 4851929.9

Client Name:

Roux Associates Inc
555 12th Street Suite 1725
Oakland, CA 94607
Contact: Gabe Matson

Environmental Data Resources, Inc. (EDR) Aerial Photo Decade Package is a screening tool designed to assist environmental professionals in evaluating potential liability on a target property resulting from past activities. EDR's professional researchers provide digitally reproduced historical aerial photographs, and when available, provide one photo per decade.

Search Results:

Year	Scale	Details	Source
2012	1"=500'	Flight Year: 2012	USDA/NAIP
2010	1"=500'	Flight Year: 2010	USDA/NAIP
2009	1"=500'	Flight Year: 2009	USDA/NAIP
2005	1"=500'	Flight Year: 2005	USDA/NAIP
1998	1"=500'	Flight Date: September 06, 1998	USDA
1993	1"=500'	Acquisition Date: July 10, 1993	USGS/DOQQ
1982	1"=500'	Flight Date: August 16, 1982	USDA
1974	1"=500'	Flight Date: June 26, 1974	USGS
1968	1"=500'	Flight Date: April 16, 1968	USGS
1963	1"=500'	Flight Date: July 09, 1963	USGS
1956	1"=500'	Flight Date: September 08, 1956	USGS
1946	1"=500'	Flight Date: July 29, 1946	USGS
1943	1"=500'	Flight Date: October 11, 1943	USDA

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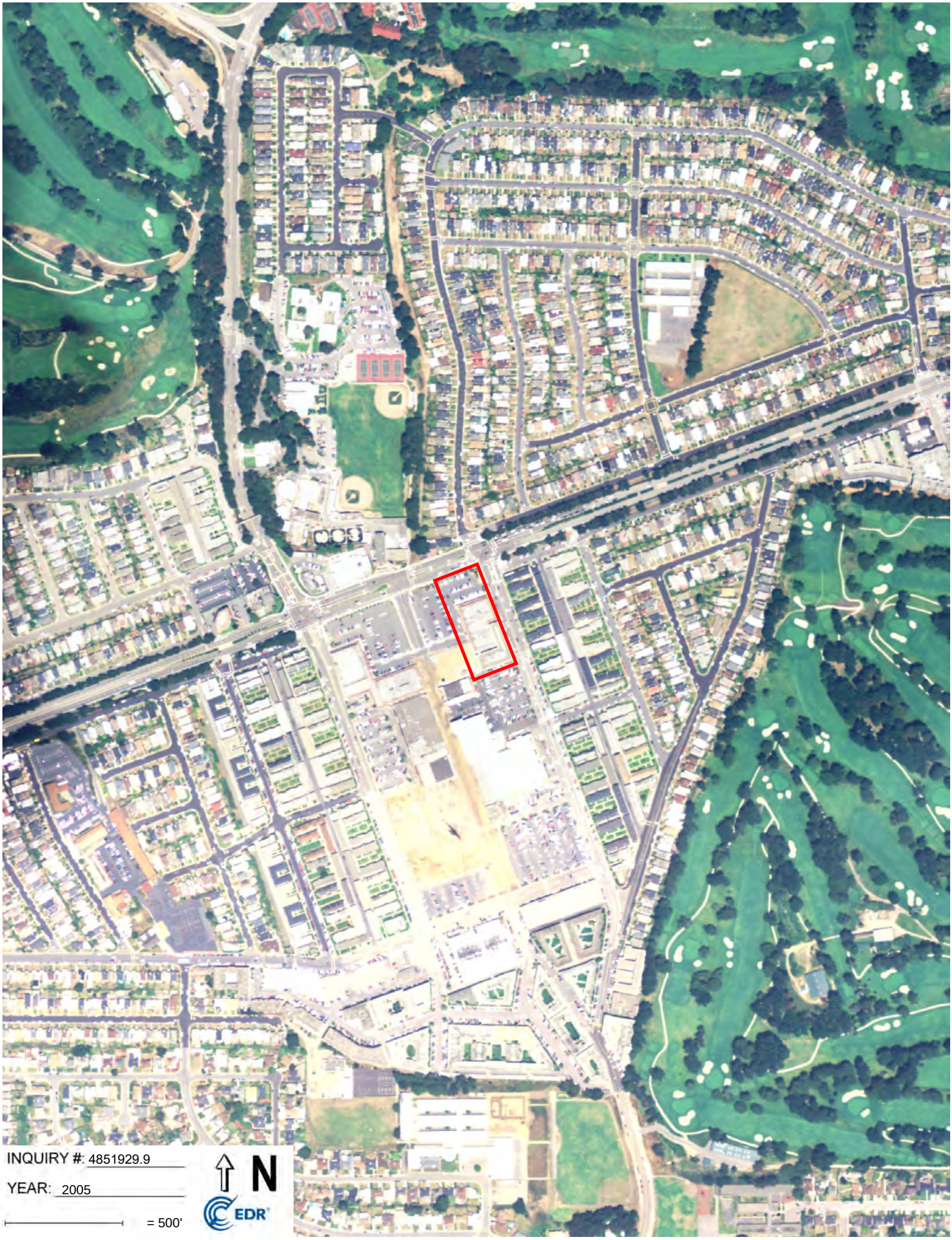
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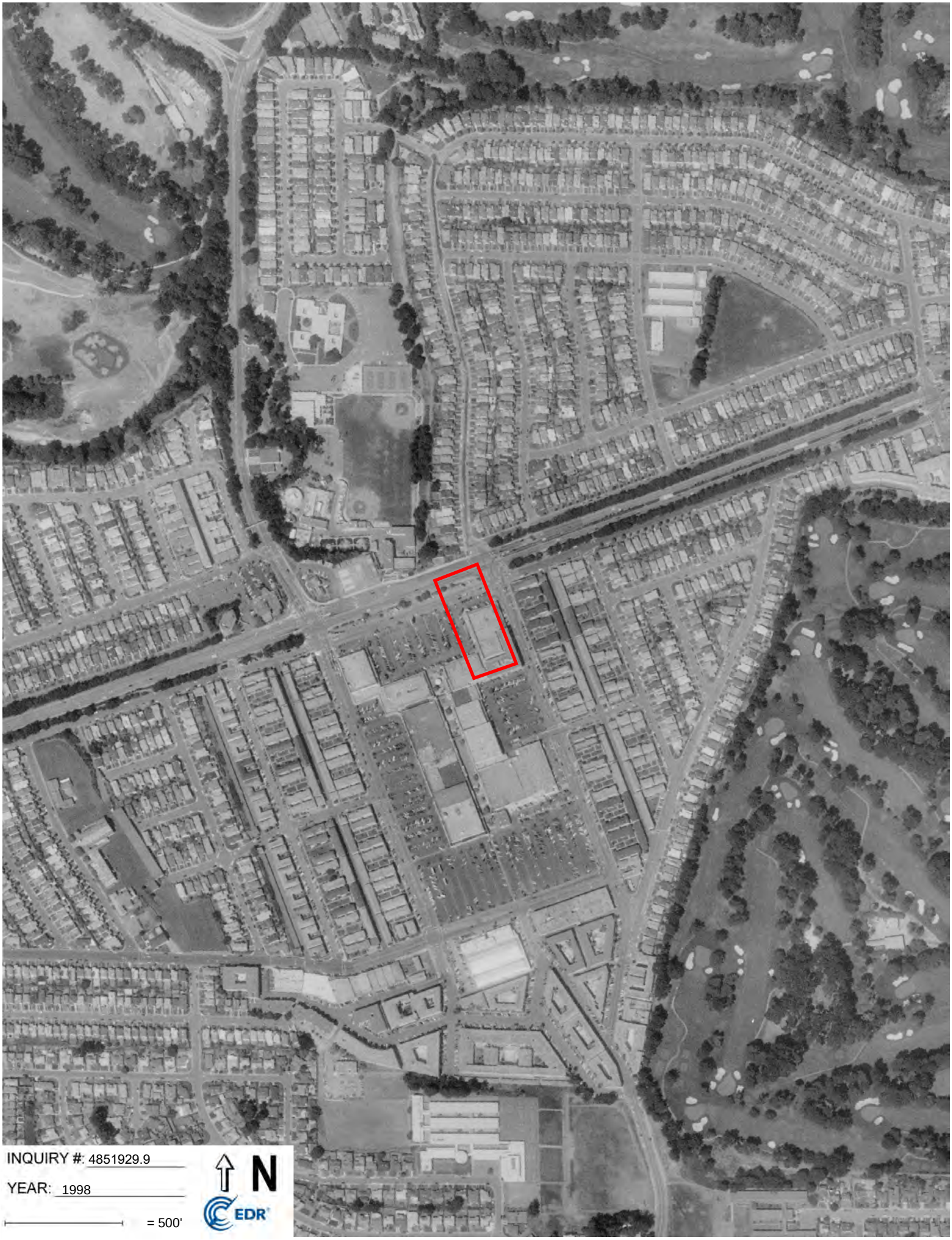
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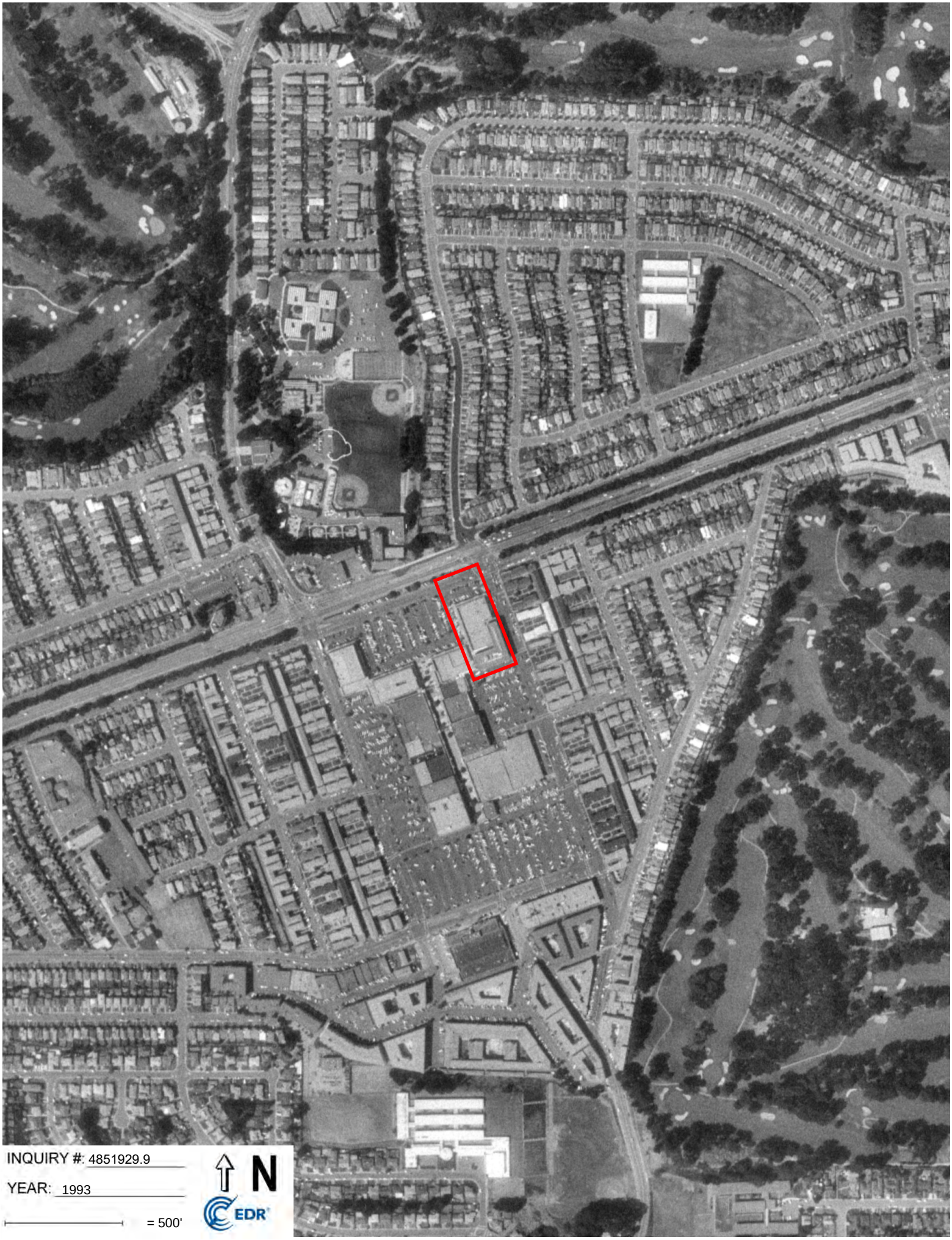

INQUIRY #: 4851929.9
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N
EDR


INQUIRY #: 4851929.9
YEAR: 2010
= 500'
N
EDR

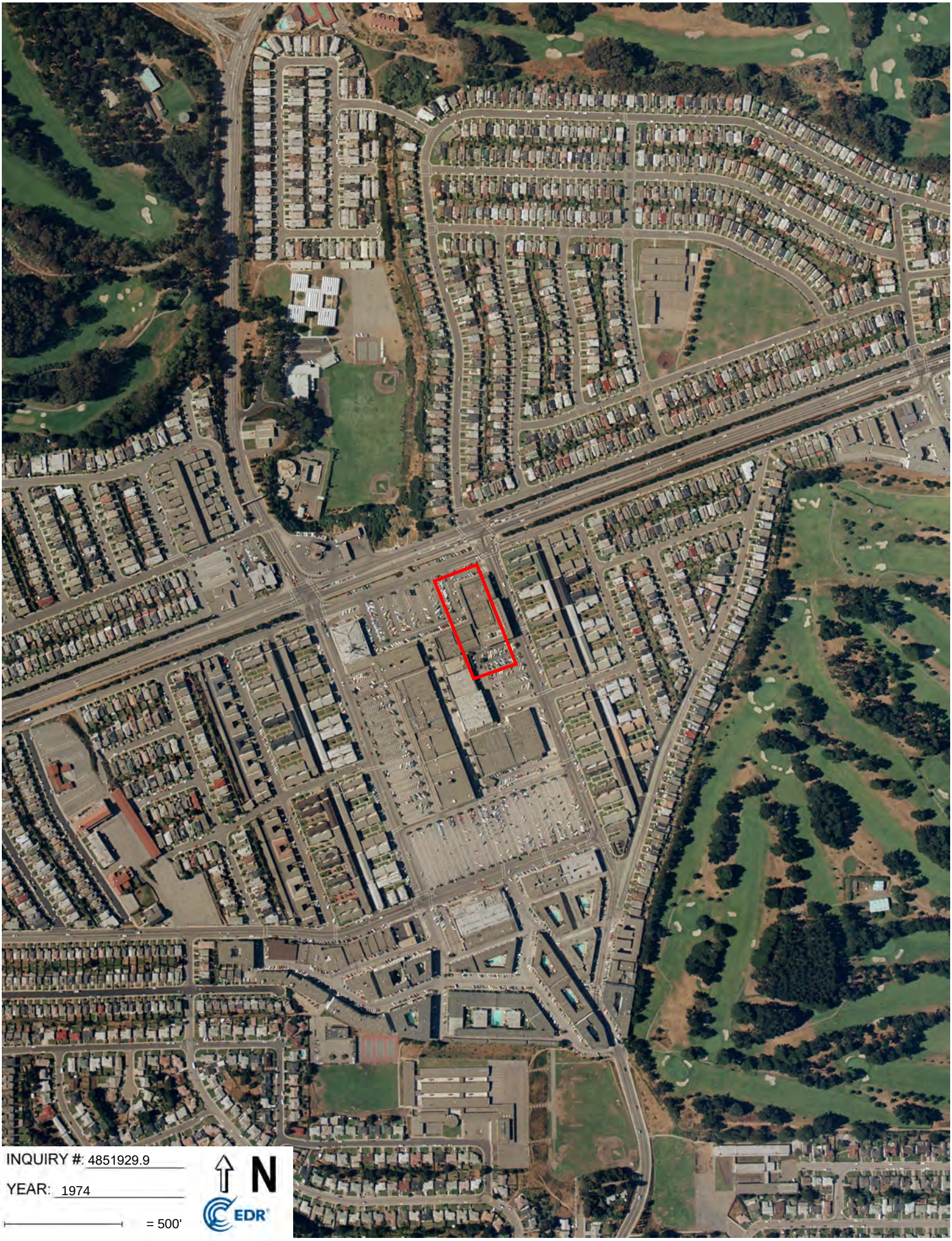

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EDR

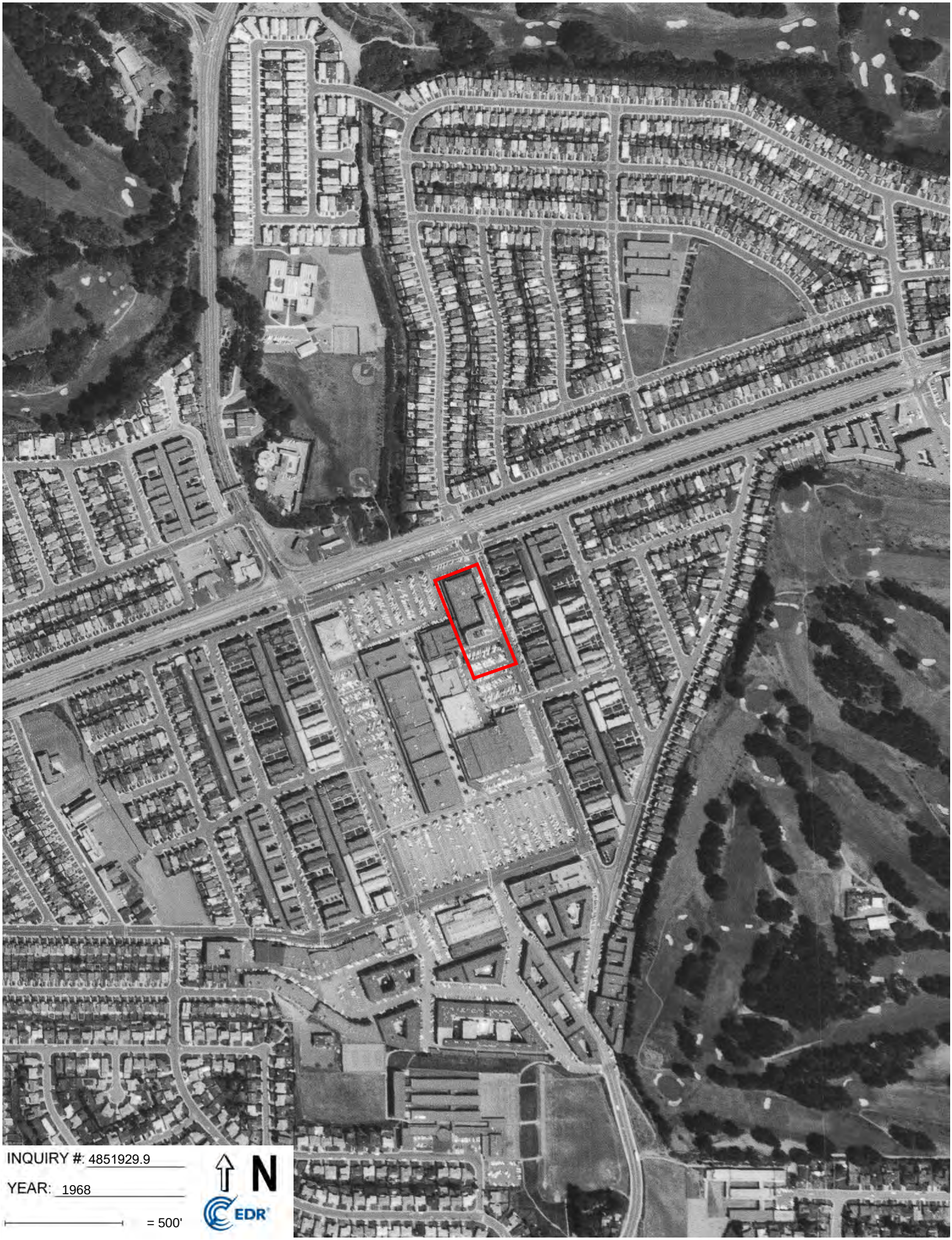

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EDR

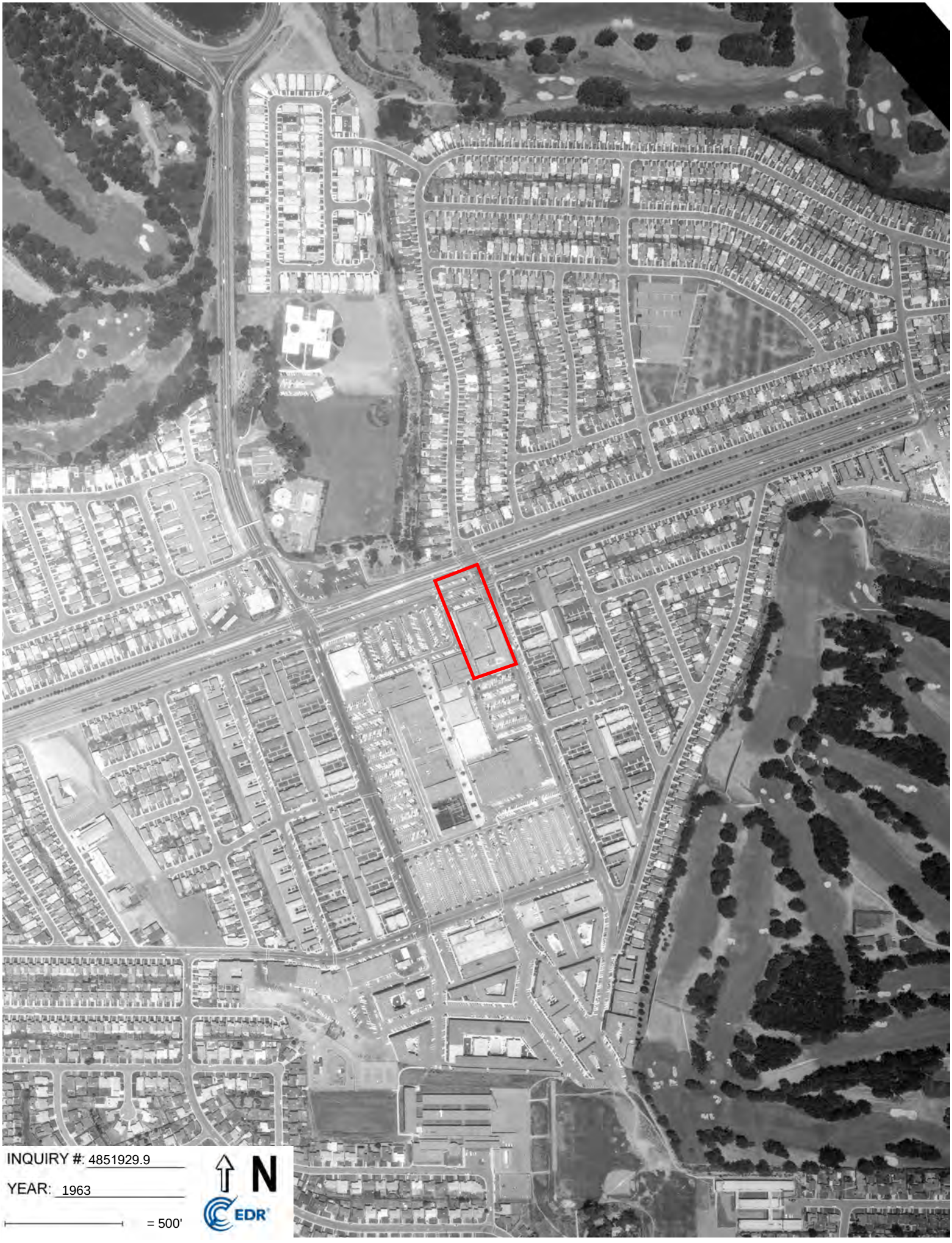

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YEAR: 1993
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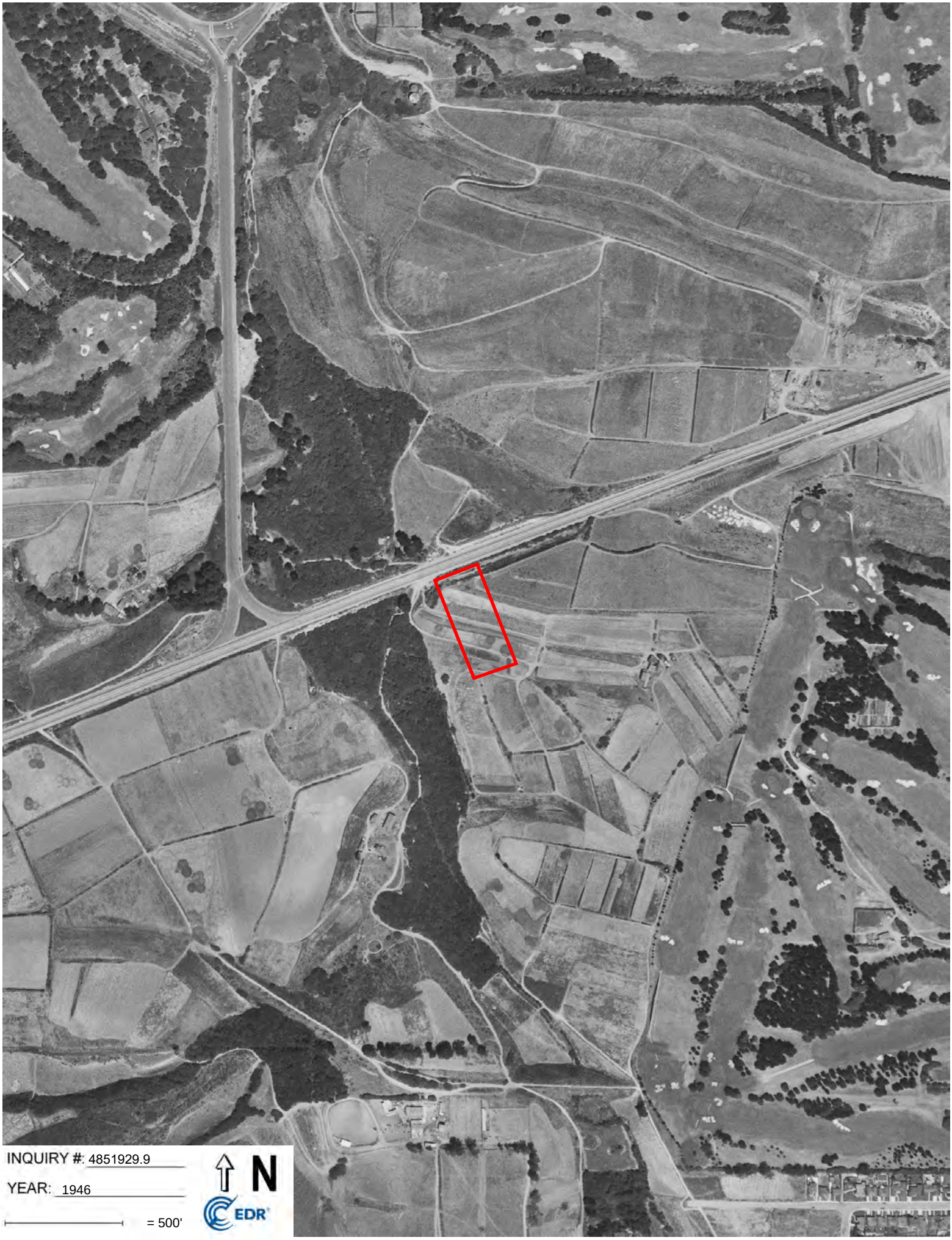

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EDR


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YEAR: 1974
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EDR


INQUIRY #: 4851929.9
YEAR: 1968
= 500'
N
EDR


INQUIRY #: 4851929.9
YEAR: 1963
= 500'
N
EDR


INQUIRY #: 4851929.9
YEAR: 1956
= 500'
N
EDR


INQUIRY #: 4851929.9
YEAR: 1946
= 500'
N
EDR



INQUIRY #: 4851929.9

YEAR: 1943

= 500'

N

EDR

APPENDIX E

U.S. Geological Survey Historical Topographic Maps

Westlake Center

Westlake Center

Daly City, CA 94015

Inquiry Number: 4851929.4

February 10, 2017

EDR Historical Topo Map Report

with QuadMatch™

6 Armstrong Road, 4th floor
Shelton, CT 06484
Toll Free: 800.352.0050
www.edrnet.com

EDR Historical Topo Map Report

02/10/17

Site Name:

Westlake Center
Westlake Center
Daly City, CA 94015
EDR Inquiry # 4851929.4

Client Name:

Roux Associates Inc
555 12th Street Suite 1725
Oakland, CA 94607
Contact: Gabe Matson

EDR Topographic Map Library has been searched by EDR and maps covering the target property location as provided by Roux Associates Inc were identified for the years listed below. EDR's Historical Topo Map Report is designed to assist professionals in evaluating potential liability on a target property resulting from past activities. EDRs Historical Topo Map Report includes a search of a collection of public and private color historical topographic maps, dating back to the late 1800s.

Search Results:

P.O.# 1247.0005S000
Project: Westlake Center

Coordinates:

Latitude:	37.70133 37° 42' 5" North
Longitude:	-122.482253 -122° 28' 56" West
UTM Zone:	Zone 10 North
UTM X Meters:	545640.70
UTM Y Meters:	4172803.92
Elevation:	90.24' above sea level

Maps Provided:

2012	1947
1996	1939
1995	1915
1980	1899
1973	1896
1968	
1956	
1950	

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Topo Sheet Key

This EDR Topo Map Report is based upon the following USGS topographic map sheets.

2012 Source Sheets



San Francisco South OE W
2012
7.5-minute, 24000



San Francisco South
2012
7.5-minute, 24000

1996 Source Sheets



San Francisco South
1996
7.5-minute, 24000
Aerial Photo Revised 1993

1995 Source Sheets



San Francisco South
1995
7.5-minute, 24000
Aerial Photo Revised 1995

1980 Source Sheets



San Francisco South
1980
7.5-minute, 24000
Aerial Photo Revised 1979

Topo Sheet Key

This EDR Topo Map Report is based upon the following USGS topographic map sheets.

1973 Source Sheets



San Francisco South
1973
7.5-minute, 24000
Aerial Photo Revised 1973

1968 Source Sheets



San Francisco South
1968
7.5-minute, 24000
Aerial Photo Revised 1968

1956 Source Sheets



San Francisco South
1956
7.5-minute, 24000
Aerial Photo Revised 1956

1950 Source Sheets



San Francisco South
1950
7.5-minute, 24000
Aerial Photo Revised 1946

Topo Sheet Key

This EDR Topo Map Report is based upon the following USGS topographic map sheets.

1947 Source Sheets



San Francisco South
1947
7.5-minute, 24000
Aerial Photo Revised 1946

1939 Source Sheets



San Mateo
1939
15-minute, 62500
Aerial Photo Revised 1939

1915 Source Sheets



San Mateo
1915
15-minute, 62500

1899 Source Sheets



San Mateo
1899
15-minute, 62500

Topo Sheet Key

This EDR Topo Map Report is based upon the following USGS topographic map sheets.

1896 Source Sheets



San Mateo
1896
15-minute, 62500

Historical Topo Map

2012



This report includes information from the following map sheet(s).

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W E
SW S SE

TP, San Francisco South, 2012, 7.5-minute
W, San Francisco South OE W, 2012, 7.5-minute

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ADDRESS: Westlake Center
Daly City, CA 94015
CLIENT: Roux Associates Inc

N



This report includes information from the following map sheet(s).

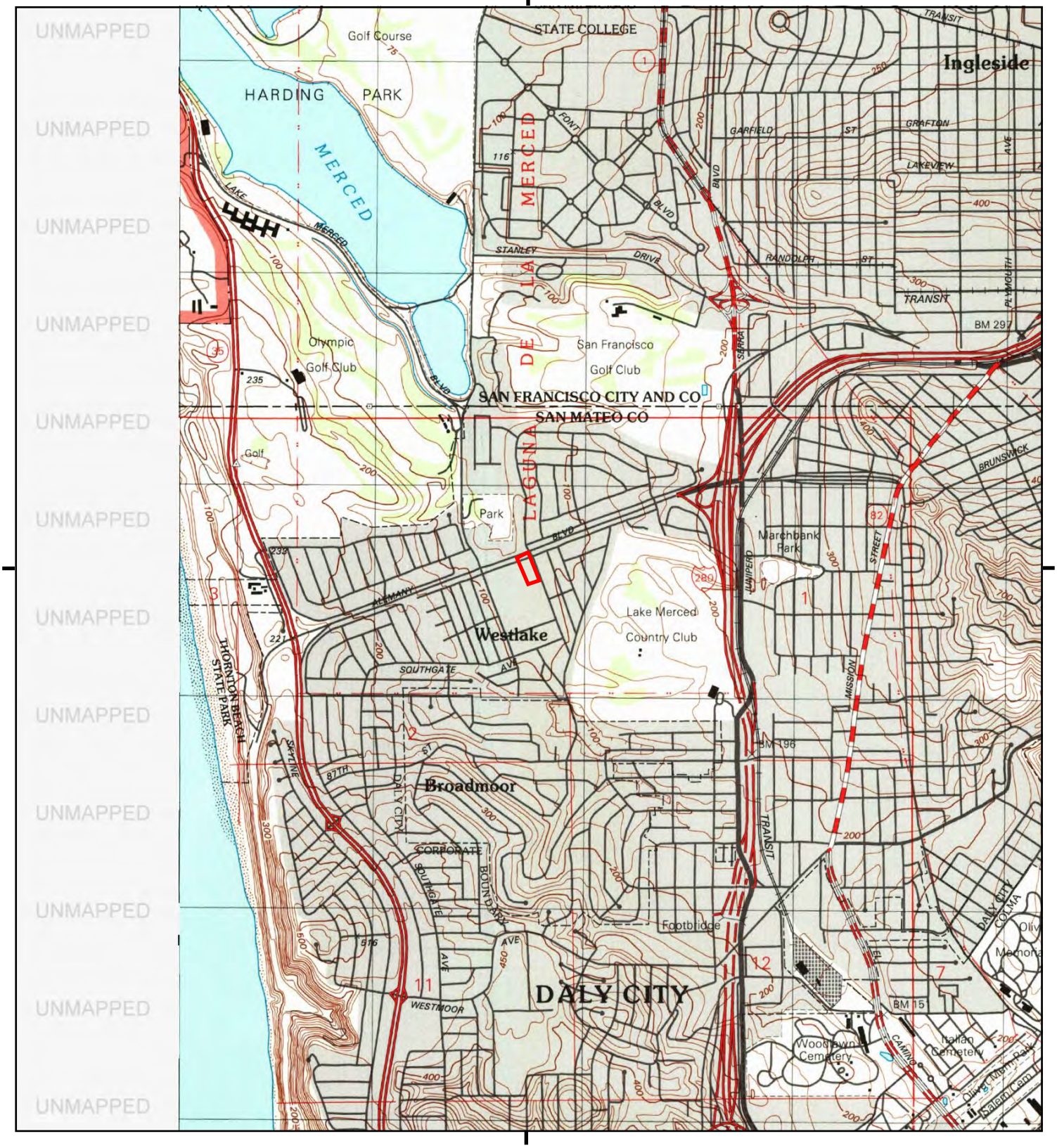
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SW S SE

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ADDRESS: Westlake Center
Daly City, CA 94015
CLIENT: Roux Associates Inc

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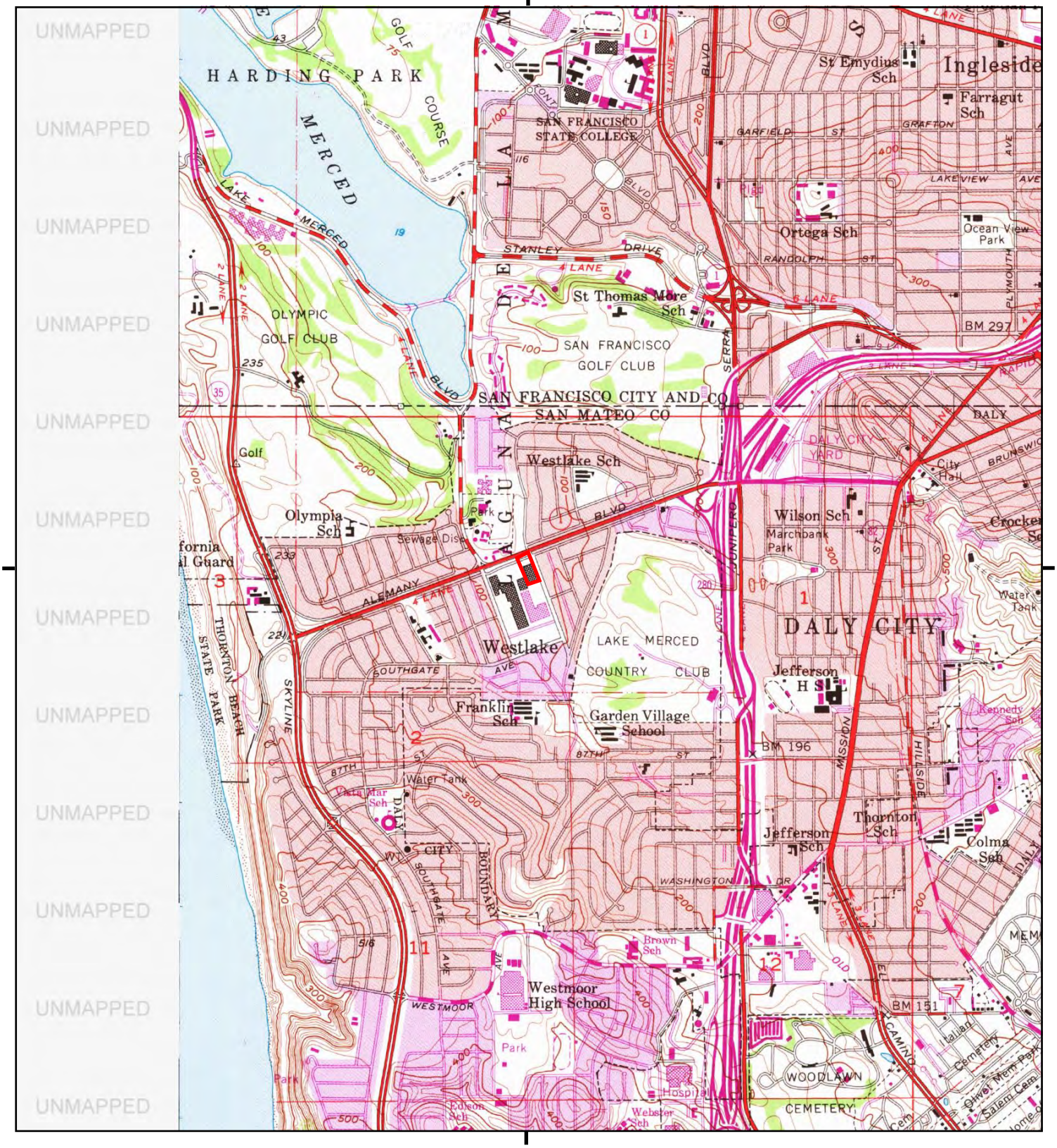
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ADDRESS: Westlake Center
Daly City, CA 94015
CLIENT: Roux Associates Inc

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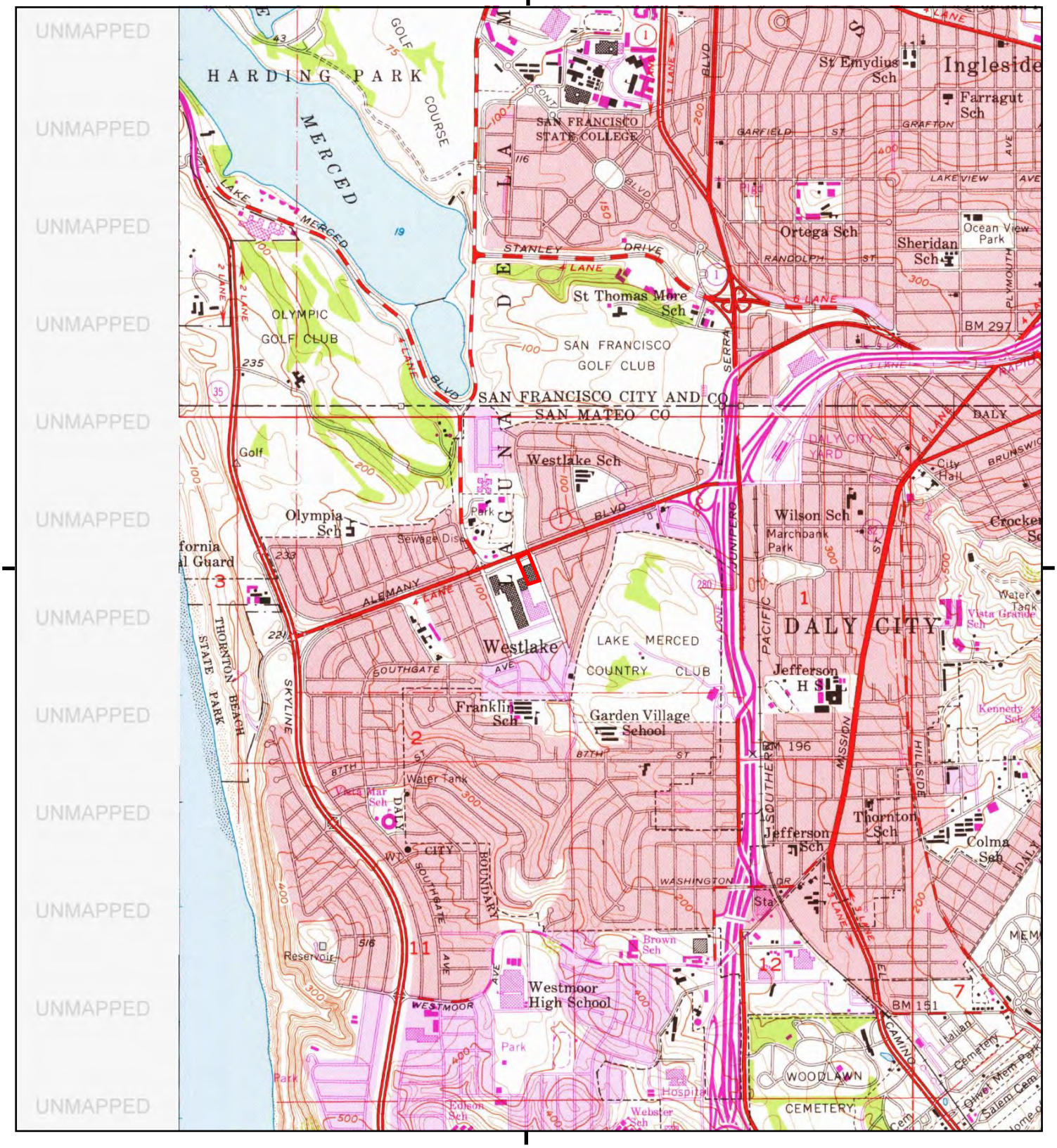
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W E
SW S SE

TP, San Francisco South, 1980, 7.5-minute

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ADDRESS: Westlake Center
Daly City, CA 94015
CLIENT: Roux Associates Inc

N



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SW S SE

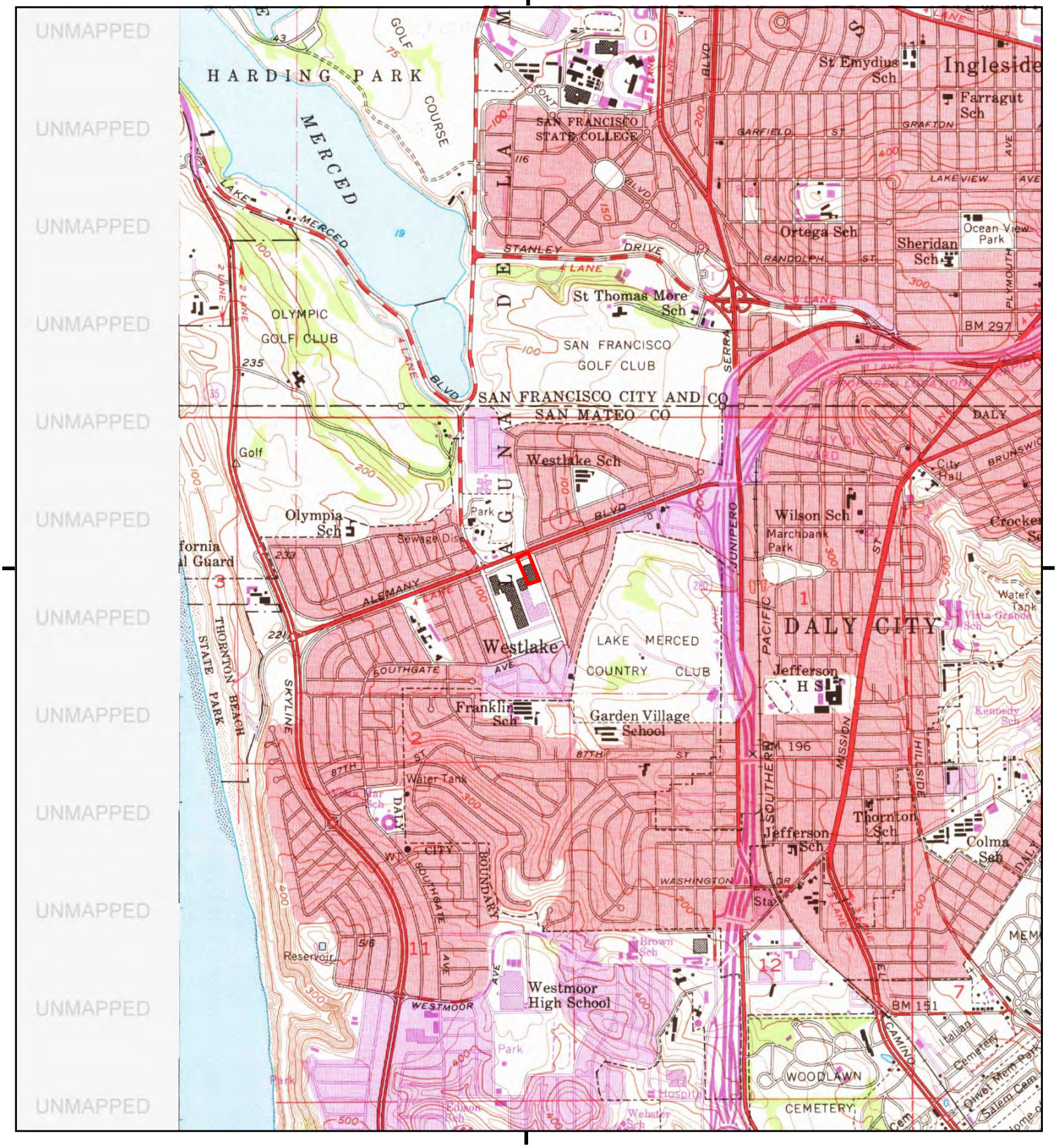
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SITE NAME: Westlake Center
ADDRESS: Westlake Center
Daly City, CA 94015
CLIENT: Roux Associates Inc

N

Historical Topo Map

1968



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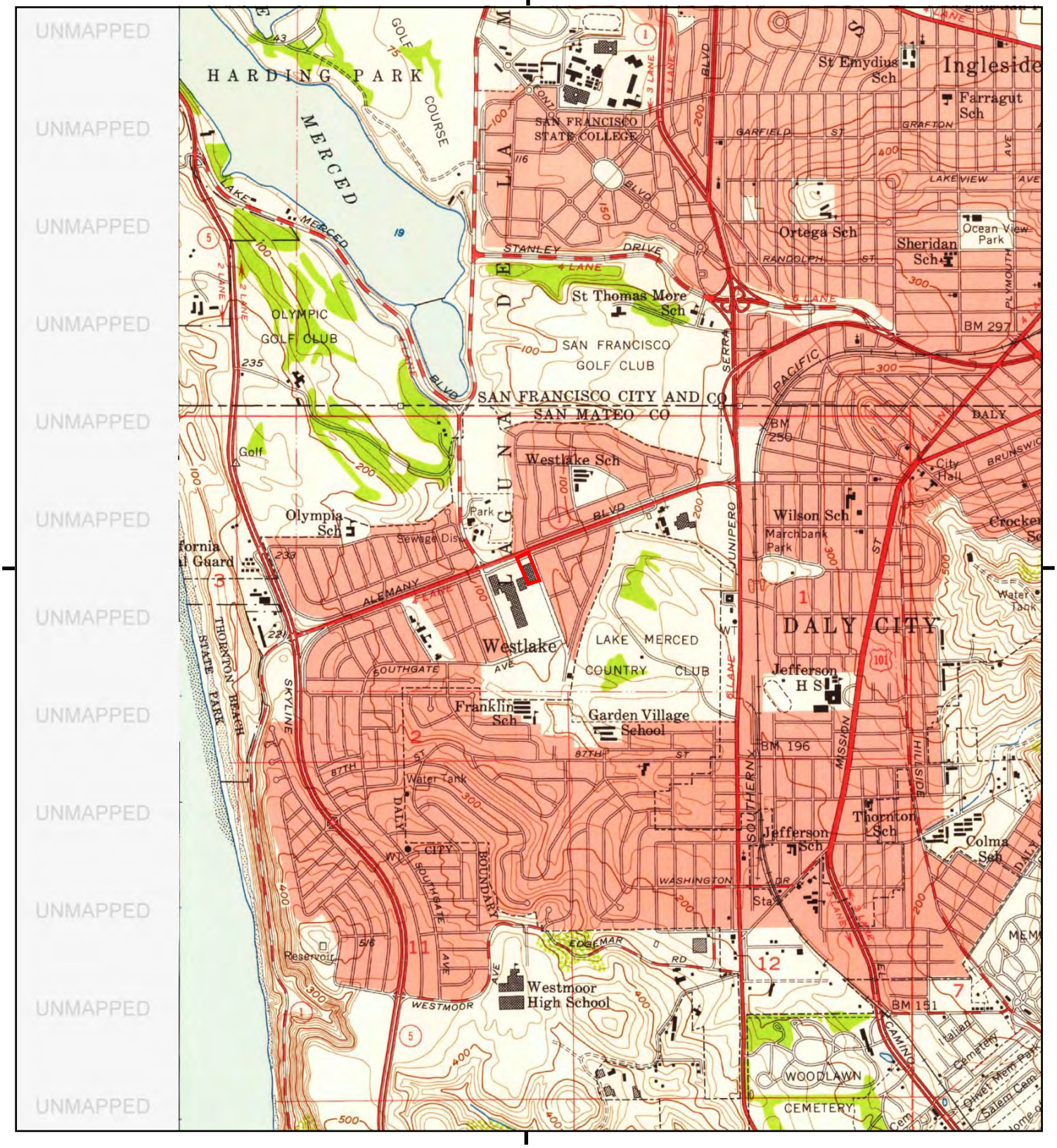
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SW S SE

TP, San Francisco South, 1968, 7.5-minute

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ADDRESS: Westlake Center
Daly City, CA 94015
CLIENT: Roux Associates Inc

N



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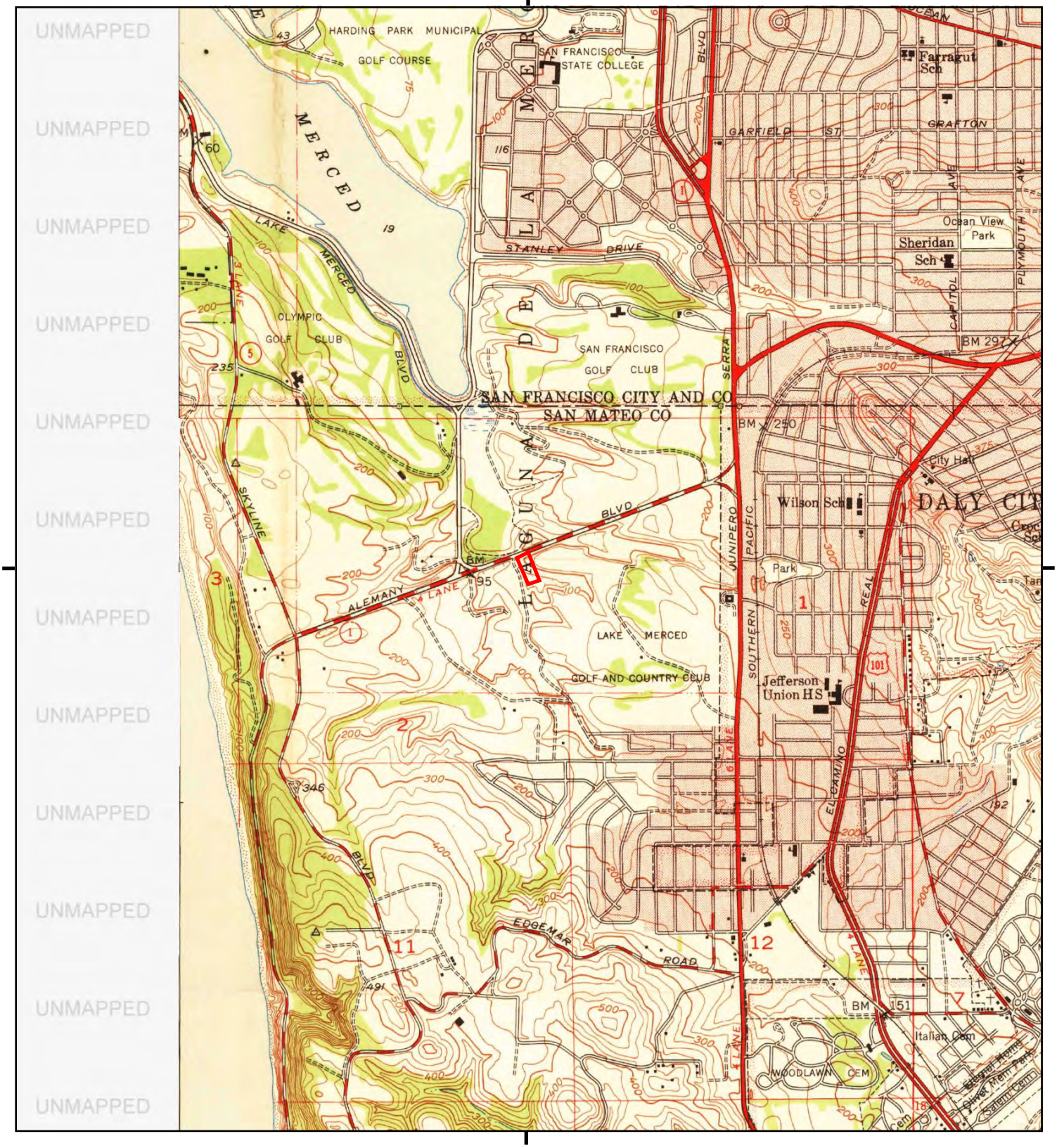
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SW S SE

TP, San Francisco South, 1956, 7.5-minute

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ADDRESS: Westlake Center
Daly City, CA 94015
CLIENT: Roux Associates Inc

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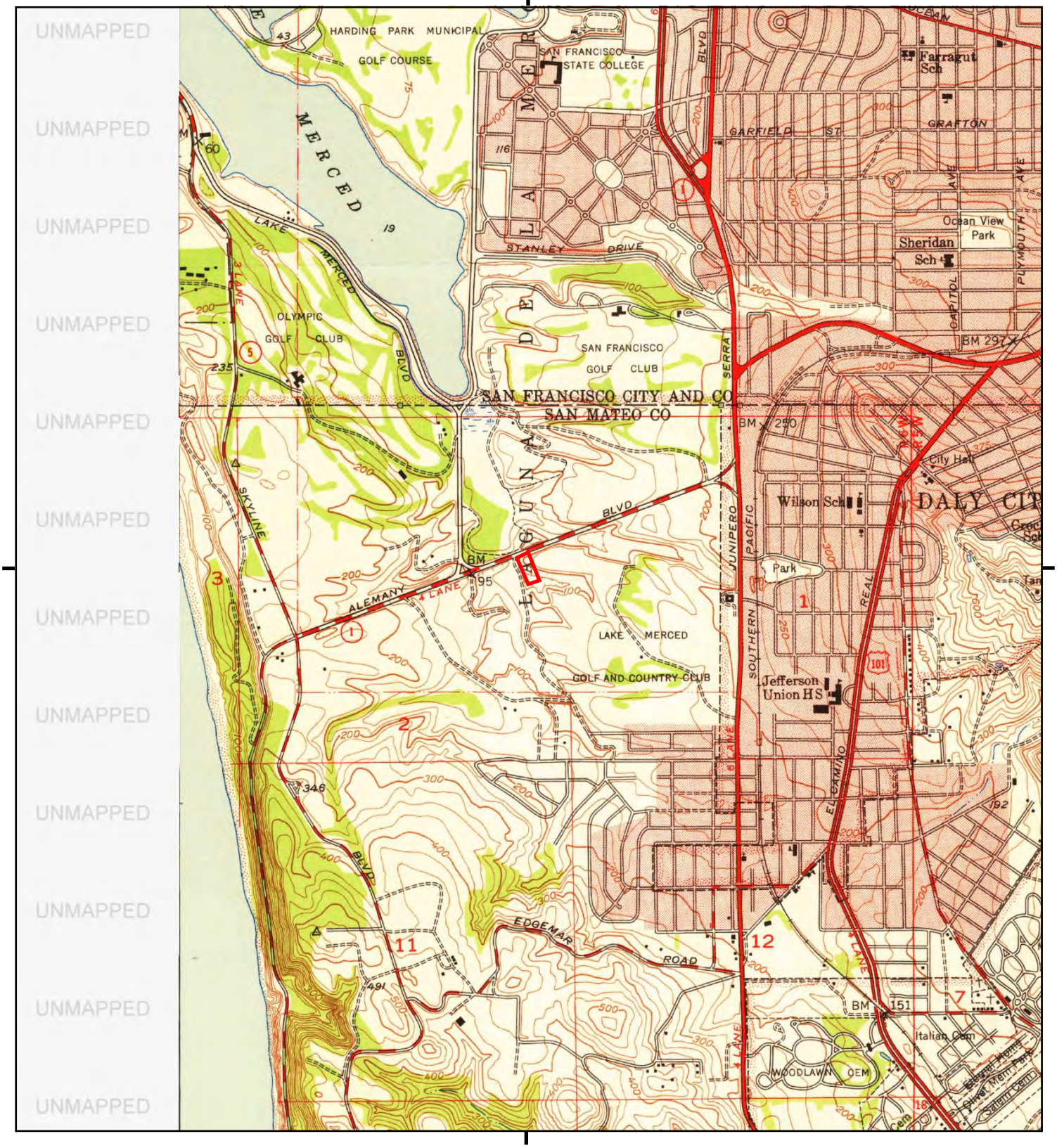
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W E
SW S SE

TP, San Francisco South, 1950, 7.5-minute

SITE NAME: Westlake Center
ADDRESS: Westlake Center
Daly City, CA 94015
CLIENT: Roux Associates Inc

N



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SW S SE

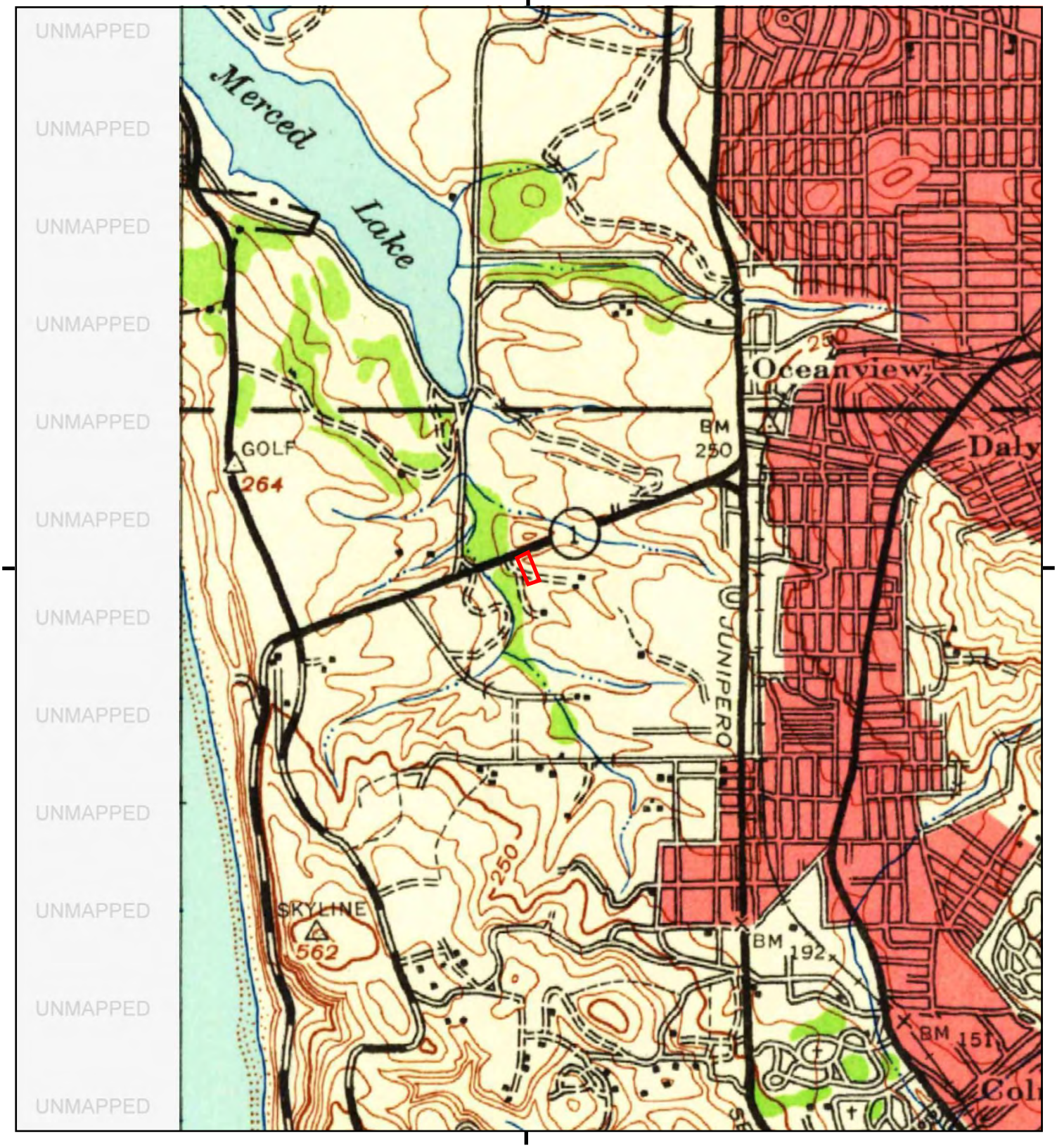
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ADDRESS: Westlake Center
Daly City, CA 94015
CLIENT: Roux Associates Inc

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Historical Topo Map

1939



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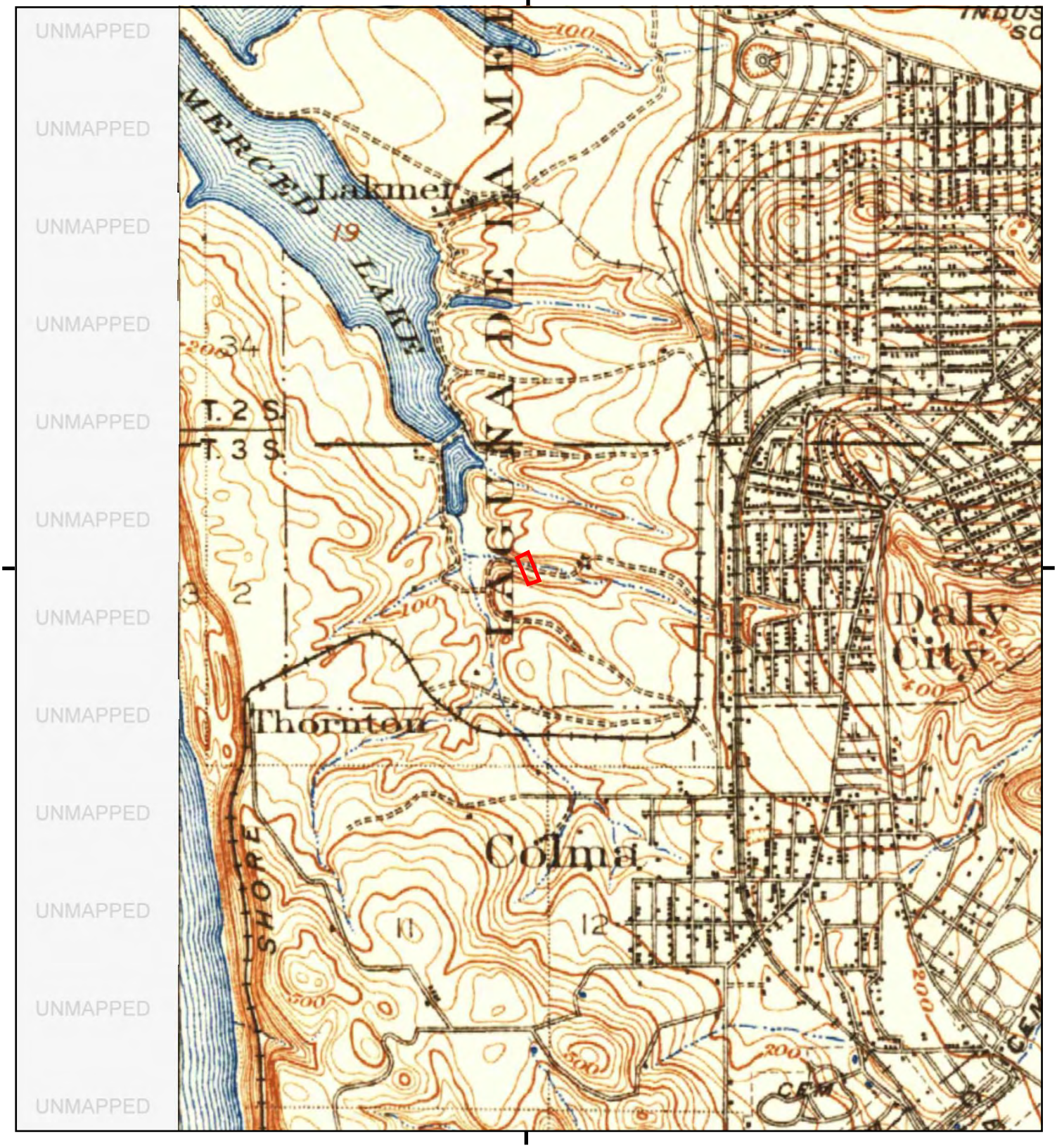
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TP, San Mateo, 1939, 15-minute

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Daly City, CA 94015
CLIENT: Roux Associates Inc

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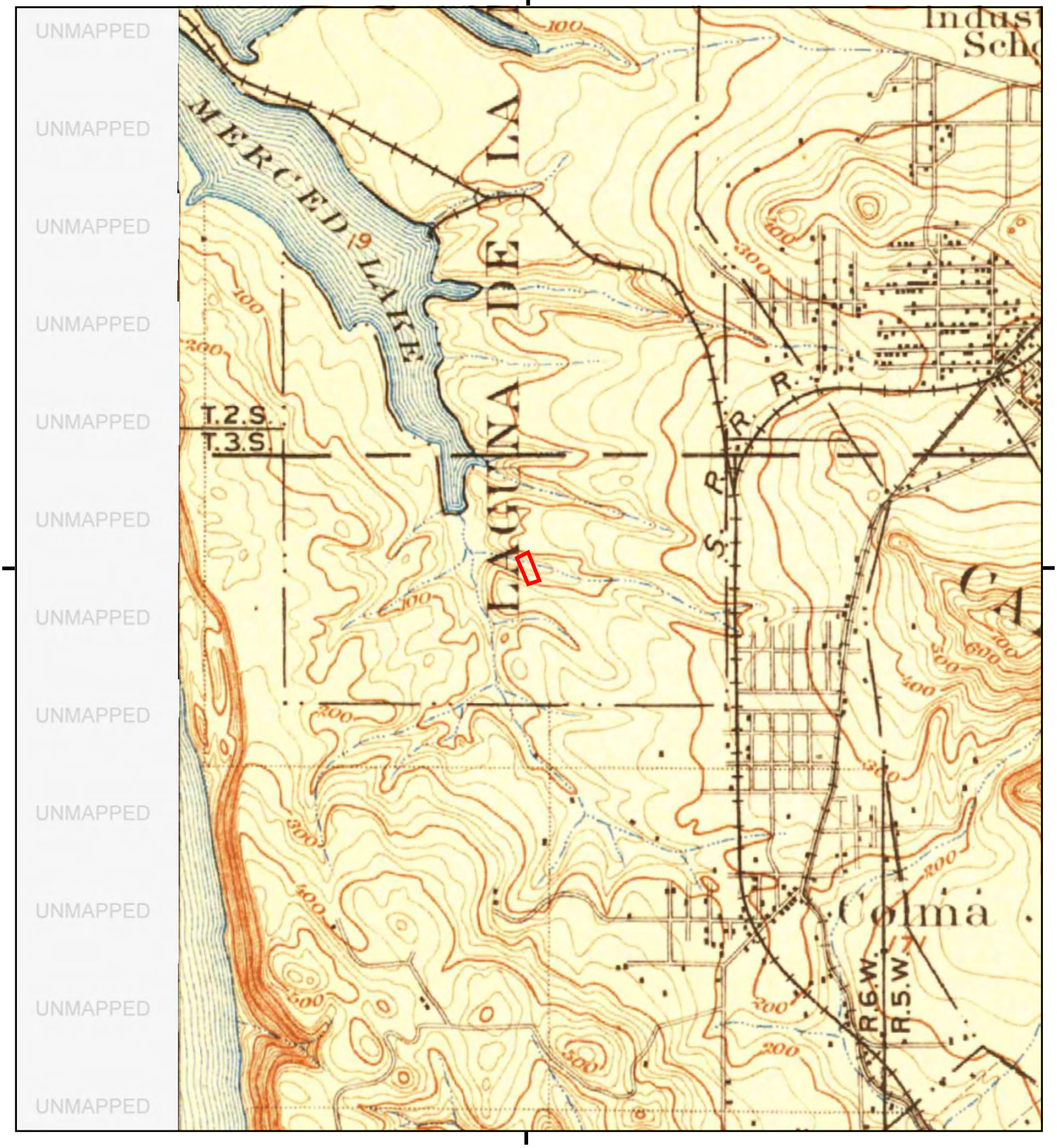
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W E
SW S SE

TP, San Mateo, 1915, 15-minute

SITE NAME: Westlake Center
ADDRESS: Westlake Center
Daly City, CA 94015
CLIENT: Roux Associates Inc

N



This report includes information from the following map sheet(s).

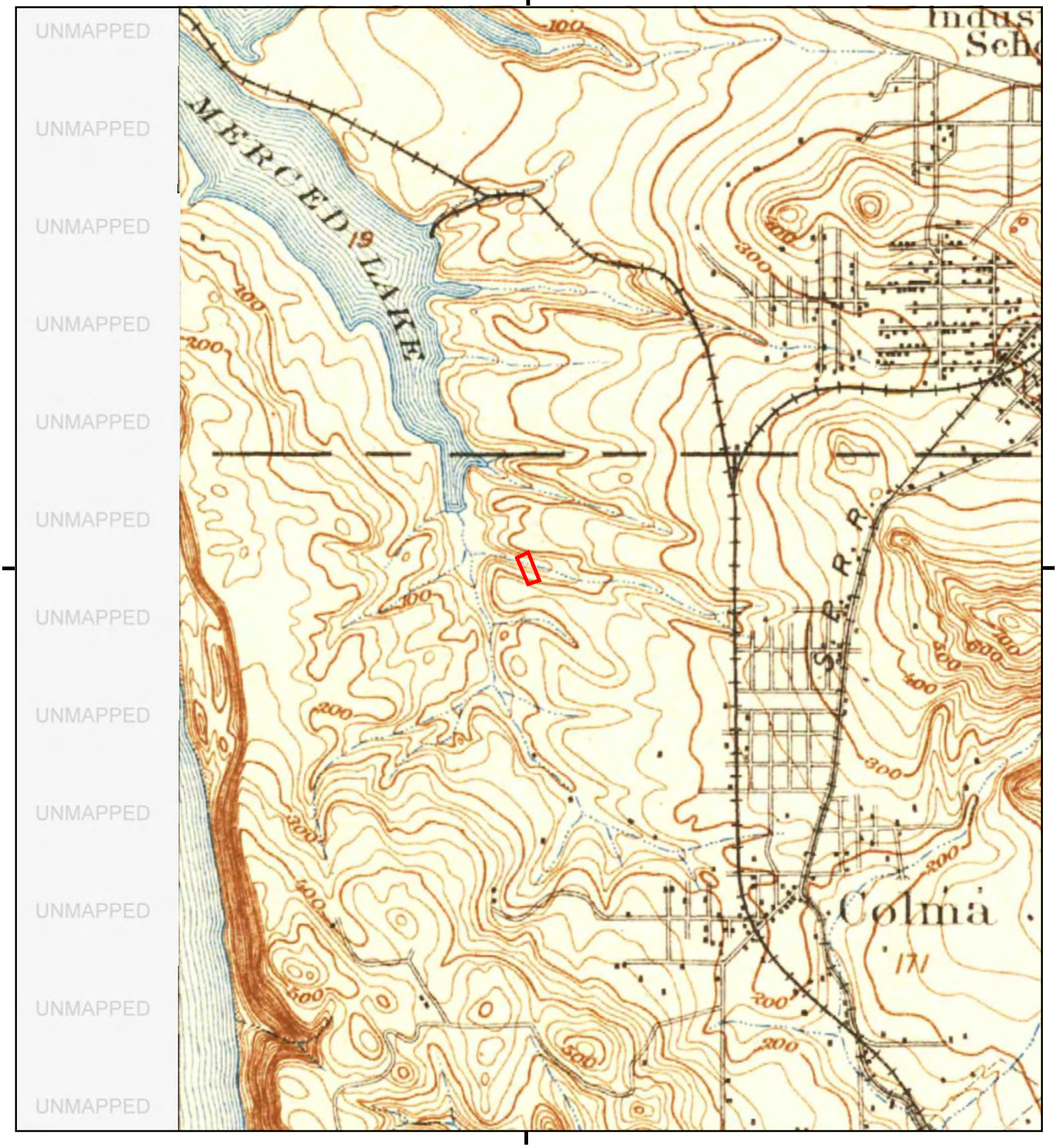
0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

TP, San Mateo, 1899, 15-minute

SITE NAME: Westlake Center
ADDRESS: Westlake Center
Daly City, CA 94015
CLIENT: Roux Associates Inc

N



This report includes information from the following map sheet(s).

0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

TP, San Mateo, 1896, 15-minute

SITE NAME: Westlake Center
ADDRESS: Westlake Center
Daly City, CA 94015
CLIENT: Roux Associates Inc

N

APPENDIX F

Certified Sanborn Map Report

Westlake Center

Westlake Center

Daly City, CA 94015

Inquiry Number: 4851929.3

February 12, 2017

Certified Sanborn® Map Report

6 Armstrong Road, 4th floor
Shelton, CT 06484
Toll Free: 800.352.0050
www.edrnet.com

Certified Sanborn® Map Report

02/12/17

Site Name:	Client Name:
Westlake Center	Roux Associates Inc
Westlake Center	555 12th Street Suite 1725
Daly City, CA 94015	Oakland, CA 94607
EDR Inquiry # 4851929.3	Contact: Gabe Matson

The Sanborn Library has been searched by EDR and maps covering the target property location as provided by Roux Associates Inc were identified for the years listed below. The Sanborn Library is the largest, most complete collection of fire insurance maps. The collection includes maps from Sanborn, Bromley, Perris & Browne, Hopkins, Barlow, and others. Only Environmental Data Resources Inc. (EDR) is authorized to grant rights for commercial reproduction of maps by the Sanborn Library LLC, the copyright holder for the collection. Results can be authenticated by visiting www.edrnet.com/sanborn.

The Sanborn Library is continually enhanced with newly identified map archives. This report accesses all maps in the collection as of the day this report was generated.

Certified Sanborn Results:

Certification # 641E-4826-9F21

PO # 1247.0005S000

Project Westlake Center

Maps Provided:

1969
1960

Sanborn® Library search results

Certification #: 641E-4826-9F21

The Sanborn Library includes more than 1.2 million fire insurance maps from Sanborn, Bromley, Perris & Browne, Hopkins, Barlow and others which track historical property usage in approximately 12,000 American cities and towns. Collections searched:

- ☑ Library of Congress
- ☑ University Publications of America
- ☑ EDR Private Collection

The Sanborn Library LLC Since 1866™

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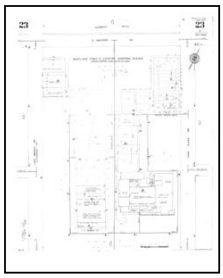
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Sanborn Sheet Key

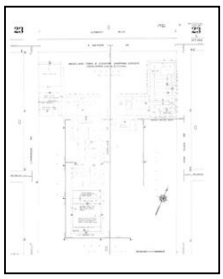
This Certified Sanborn Map Report is based upon the following Sanborn Fire Insurance map sheets.

1969 Source Sheets

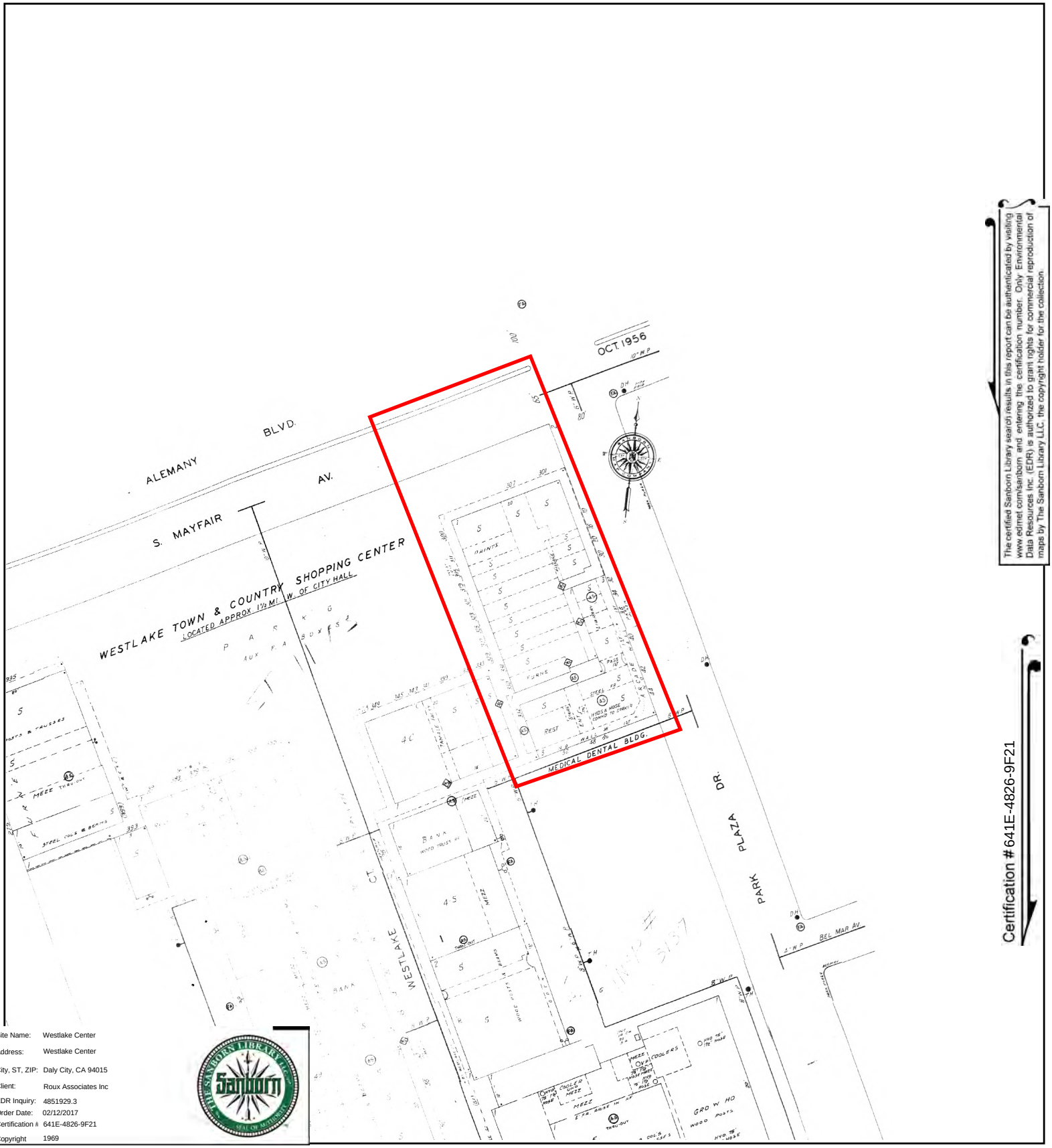


Volume 1, Sheet 23
1969

1960 Source Sheets



Volume 1, Sheet 23
1960

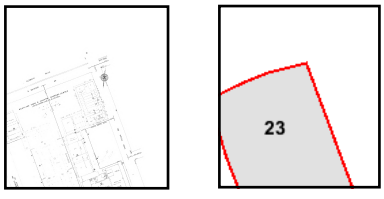


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Certification #641E-4826-9F21

Site Name:	Westlake Center
Address:	Westlake Center
City, ST, ZIP:	Daly City, CA 94015
Client:	Roux Associates Inc
EDR Inquiry:	4851929.3
Order Date:	02/12/2017
Certification #:	641E-4826-9F21
Copyright	1969

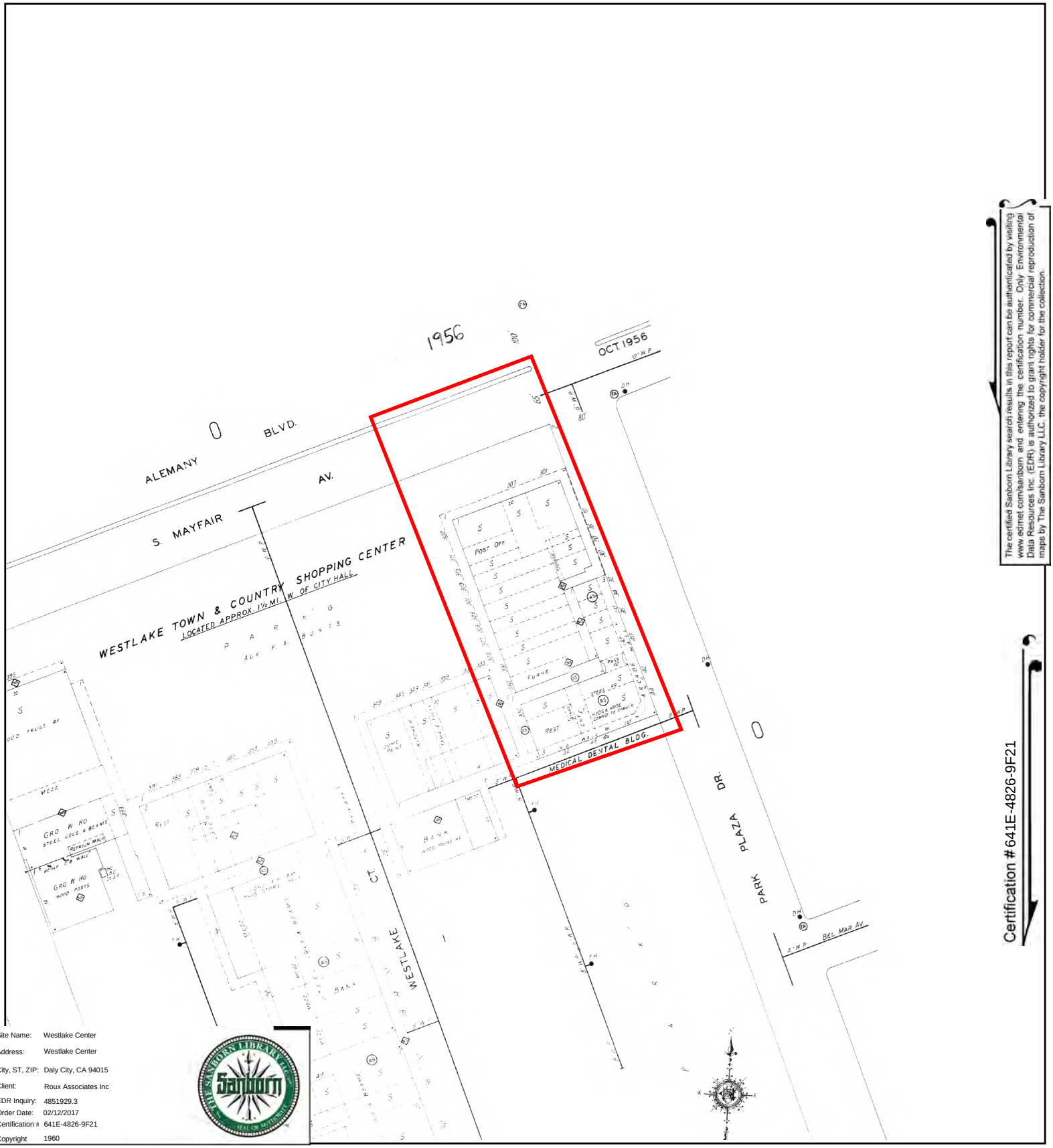
This Certified Sanborn Map combines the following sheets.
Outlined areas indicate map sheets within the collection.



Volume 1, Sheet 23

0 Feet 150 300 600

N



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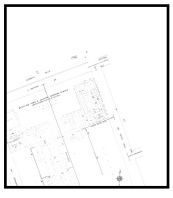
Certification #641E-4826-9F21

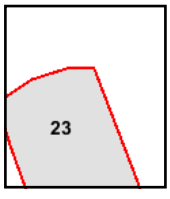
Site Name: Westlake Center
Address: Westlake Center
City, ST, ZIP: Daly City, CA 94015
Client: Roux Associates Inc
EDR Inquiry: 4851929.3
Order Date: 02/12/2017
Certification #: 641E-4826-9F21
Copyright: 1960

This Certified Sanborn Map combines the following sheets.
Outlined areas indicate map sheets within the collection.

0 Feet 150 300 600

Volume 1, Sheet 23





N

City Directory Abstract

Westlake Center
Westlake Center
Daly City, CA 94015

Inquiry Number: 4851929.5
February 14, 2017

The EDR-City Directory Image Report

Environmental Data Resources Inc

6 Armstrong Road
Shelton, CT 06484
800.352.0050
www.edrnet.com

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SECTION

Executive Summary

Findings

City Directory Images

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Please contact EDR at 1-800-352-0050
with any questions or comments.

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EXECUTIVE SUMMARY

DESCRIPTION

Environmental Data Resources, Inc.'s (EDR) City Directory Report is a screening tool designed to assist environmental professionals in evaluating potential liability on a target property resulting from past activities. EDR's City Directory Report includes a search of available city directory data at 5 year intervals.

RESEARCH SUMMARY

The following research sources were consulted in the preparation of this report. A check mark indicates where information was identified in the source and provided in this report.

Year	*Target Street*	*Cross Street*	*Source*
2013	☑	☐	Cole Information Services
2008	☑	☐	Cole Information Services
2003	☑	☐	Cole Information Services
1999	☑	☐	Cole Information Services
1995	☑	☐	Cole Information Services
1992	☑	☐	Cole Information Services
1985	☑	☐	Haines Criss-Cross Directory
1980	☑	☐	Haines Criss-Cross Directory
1977	☑	☐	Haines Criss-Cross Directory
1970	☑	☐	Haines Criss-Cross Directory

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FINDINGS

TARGET PROPERTY STREET

Westlake Center
Daly City, CA 94015

Year	*CD Image*	*Source*

LAKE MERCED BLVD

2013	pg A2	Cole Information Services
2008	pg A11	Cole Information Services
2003	pg A20	Cole Information Services
1999	pg A29	Cole Information Services
1995	pg A39	Cole Information Services
1992	pg A46	Cole Information Services
1985	pg A51	Haines Criss-Cross Directory
1985	pg A52	Haines Criss-Cross Directory
1980	pg A55	Haines Criss-Cross Directory
1980	pg A56	Haines Criss-Cross Directory
1977	pg A61	Haines Criss-Cross Directory
1977	pg A62	Haines Criss-Cross Directory
1970	pg A66	Haines Criss-Cross Directory
1970	pg A67	Haines Criss-Cross Directory
1970	pg A68	Haines Criss-Cross Directory

PARK PLAZA DR

2013	pg A5	Cole Information Services
2008	pg A14	Cole Information Services
2003	pg A23	Cole Information Services
1999	pg A32	Cole Information Services
1995	pg A41	Cole Information Services
1992	pg A47	Cole Information Services
1985	pg A53	Haines Criss-Cross Directory
1980	pg A57	Haines Criss-Cross Directory
1980	pg A58	Haines Criss-Cross Directory
1977	pg A63	Haines Criss-Cross Directory
1977	pg A64	Haines Criss-Cross Directory
1970	pg A69	Haines Criss-Cross Directory

FINDINGS

Year	*CD Image*	*Source*	
1970	pg A70	Haines Criss-Cross Directory	

S MAYFAIR AVE

2013	pg A8	Cole Information Services	
2008	pg A18	Cole Information Services	
2003	pg A26	Cole Information Services	
1999	pg A36	Cole Information Services	
1995	pg A44	Cole Information Services	
1992	pg A49	Cole Information Services	
1985	pg A54	Haines Criss-Cross Directory	
1980	pg A59	Haines Criss-Cross Directory	
1980	pg A60	Haines Criss-Cross Directory	
1977	pg A65	Haines Criss-Cross Directory	
1970	pg A71	Haines Criss-Cross Directory	

WESTLAKE CTR

2013	pg A9	Cole Information Services	
2008	pg A19	Cole Information Services	
2003	-	Cole Information Services	Target and Adjoining not listed in Source
1999	pg A38	Cole Information Services	
1995	-	Cole Information Services	Target and Adjoining not listed in Source
1992	-	Cole Information Services	Target and Adjoining not listed in Source
1985	-	Haines Criss-Cross Directory	Street not listed in Source
1980	-	Haines Criss-Cross Directory	Street not listed in Source
1977	-	Haines Criss-Cross Directory	Street not listed in Source
1970	-	Haines Criss-Cross Directory	Street not listed in Source

FINDINGS

CROSS STREETS

No Cross Streets Identified

City Directory Images

Target Street	Cross Street	Source
✓	-	Cole Information Services

LAKE MERCED BLVD 2013

203	MORRIS DAVIDOWITZ
215	LOCKSMITH DALY CITY
219	FRENCHIE CLEANERS
220	ANGELICA ROSALES
	ARTURO PERRA
	BARBARA ANDRES
	ELIZA FERNANDES
	EUGENIA VALENZUELA
	JUSTO VILLALOBOS
	MANOJKUMAR PATEL
	OLIVIA RODRIGUEZ
	PAUL CAMARA
	PELAGIO SISON
227	WINGSTOP
233	WESTLAKE NAIL SPA
239	MASSAGE ENVY
240	ALFREDO LOPEZ
	ANGELINO SUNDIAM
	LILLIE HODGES
	MANU GHOSH
	MARIVIC FULGAR
	MARY SALACUP
	MAXINE EASTMAN
	NATALIA MADANAT
	RICHARD BERMUDEZ
	SONNY SANJUAN
250	JESSIE LOMAX
251	HO CARL T
	KIMWEST 186 INC
260	ANNE SABLAD
	BLOSSOM MARTINEZ
	CARLOS FONTELAR
	CYNTHIA DIAZ
	DANNY ARNALDO
	FRANCIS DOZIER
	HENRY YUSMAN
	LUIS CATZIN
	MANWINDER LAKHA
	MILO TERRY
	NICANOR DOLORES
	PATRICK BRAME
263	FITNESS 19
280	ADRIAN SAGUM
	AUREEN CERVANIA
	BENNY SABLAD
	BRIAN LEE
	CARMEN LAXAMANA
	DOLORES PULIDO
	ERIC SENGSON
	HIEP NGUYEN

Target Street	Cross Street	Source
✓	-	Cole Information Services

LAKE MERCED BLVD 2013 (Cont'd)

280	RENU KHARBUJA
285	GNC
287	BEVERLY FABRICS & CRAFTS
295	HOLLYWOOD VIDEO
303	THE HOME DEPOT
311	BANANA ISLAND
320	ALFREDO ELARDE
	ARNOLD ECHANE
	MAURICIO MEJIA
	MICHAEL SOLIS
	RUBY SHIA
	RUTHA HUGHEY
	SARAH SEGOVIA
	SOOJIN KIM
	TAKESHI OMURA
340	ABDULLAH ODAY
	AGRIPINO TUMANG
	CHRISTIAN RIEGODEDIOS
	DEREK MORGAN
	DOMINGO JIMENEZ
	ELIZABETH YULO
	GREG VELARDE
	JEANNE ANDAYA
	JULIETA BOLANOS
	KEVIN OGANS
	MELODY OAKLEY
	QUANG VU
	RICARDO SANTANA
360	BIMAL NAIR
	MARIA AVILES
	MICHAEL YABUT
	RAMON ESPARTERO
	ROLDAN ECHANE
	RONNEL NIEVA
	RUDY CARBOZA
	SYLVIA BATZ
	TANIA SILVA
	TANYA SANTACRUZ
	THERESA FAAPUAA
368	JAIRO VICENTE
380	JEFF PANGILINAN
	JESUS LOPEZ
	M CARLOS
	MANUEL VARGAS
	MARIA SANTIAGO
	MARITESS ESTACIO
	MELANIA TARIFA
	NOEL SALINAS
	PATRICK PANGAN
	PHILIP CALLADO

Target Street	Cross Street	Source
✓	-	Cole Information Services

LAKE MERCED BLVD 2013 (Cont'd)

380	ROBERT STANSBERRY
	SUSAN LEUNG
655	ANNA LAM
	ANTHONY USI
	ANTONIO LOPEZ
	BENJAMIN CUMMINS
	ELIZABETH DOMINGUEZ
	ELIZABETH WARD
	JAMES COLE
	JESSE RUIZ
	LEE HENRIETTA
	MARJORIE GALICHA
	MARLON VASQUEZ
	MAYSA ABURISH
	SOOKY KIM
	STEVEN ARCENEAUX
	SUSAN MOSE

Target Street	Cross Street	Source
✓	-	Cole Information Services

PARK PLAZA DR 2013

21	ALBERTO FLORES
	BERNADETTE HANSON
	CHRISTINA CARRILLO
	FE BATACLAN
	JEANNIE YEUNG
	JORGE LARIN
	LANG YIN
	LOUIS SARMIENTO
	MARC SAGUM
	MUHAMMAD KHAN
	RANDULF MARANAN
	RANDY AQUINO
30	ELITE HAIR SALON HAIR NAIL WAXING FA
32	TANIS KITCHEN
34	MAGIC TOUCH BEAUTY SALON
36	PULIDOS TAILOR
38	WESTLAKE ART & FRAMING CENTER
	WESTLAKE SHOE REPAIR
41	BARRY DIEDERICH
	COLIN OCONNOR
	KRYSTELLE CARROLL
	M TANCHICO
	PHANOMSINH KHAMPHOUNE
	ROMEO BANADERA
	RONALD MALIG
	SAID OBEIDI
42	STRUCTURE HAIR DESIGN
44	CIGARETTES ARE CHEAPER
	WESTLAKE LIQUORS
48	ARASH ZADEH
	BLUM PAMELA M LCSW
	BUSH DENTAL CERAMICS
	ERRICO ANTHONY J DPM
	HERMINIO HERNANDEZ
	HERNANDEZ VIVIEN DIMALANTA MD
	JOHNSTON MICHAEL W DDS
	MARK NII
	NII MARK T DDS
	PAMELA BLUM
	VILLASIN RODOLFO C DMD
	ZADEH ARASH DDS
52	LOCKSMITH EXPRESS
	WESTLAKE COFFEE SHOP
61	ALBA GALEANA
	ALFONSO ALTAMIRANO
	ANGELICA VILCHEZ
	FERNANDO ORTIZ
	FRANCISCO CASTRO
	FRANCISCO NOBLEZA
	IMEE UMALI

PARK PLAZA DR 2013 (Cont'd)

61	JOHN NABONG
	LILAINE PASCUA
	LINA DORADO
	MONIQUE GALLARDO
	MYLENE BARCELON
	RICHARD WARREN
	ROWENA ESPINOSAREYE
81	AIM SILPRASERT
	CESAR MALLONGA
	JOSSIE PICKNEY
	KATHRYN TATE
	LOPEZ RAFAEL
	MARK RODRIGUEZ
	NORA MAYUGA
	RICHARD FARMER
	RICK MEDINA
	TARA MCBRIDE
121	C EVILLA
	EDUARDO QUANICO
	FRANCIS FLORES
	GABRIELA LOAYZA
	JOELLE JENKINS
	JOTI ZULITA
	MARIA PADILLA
	ROSALINDA CALDERON
	SHARON JENKINS
	SHARON SAMSON
	Y HSU-KELKIS
141	CALVIN BENNETT
	CAROLYN MARTIN
	CORNELIUS THURMAN
	EILEEN TUIASOSOPO
	LAURO SANTIAGO
	MARIA PADILLA
	MARIE MALINAO
	MAURICE BELL
	ROGELIO CASTILLO
	RUSSELL LEUNG
161	AL CARBERAN
	CECILIA ESCOBAR
	CELESTE LIGUE
	EFREN CANCELARIA
	EMMA ABELARDO
	GREGORIO FERNANDEZ
	LEONILA PALISOC
	LESTER ALTURINO
	MARIA RIOS
	MIGUEL ABAD
	NANCY LUCERO
	VIRGIL TORRES

Target Street	Cross Street	Source
✓	-	Cole Information Services

PARK PLAZA DR 2013 (Cont'd)

181	ANNA TEOFILO
	CHRISTINA LANG
	EDEN LANTO
	EDWARD GRAIZEL
	FATEMEH EGHTESSADI
	FELICIA EISON
	JOSE SALAZAR
	LIDIA SOLER
	LORENZO BATIOCO
	ROBERTO ARMAS
	ROYAL TERRY
195	EVELYN RICHARDS
	JOSEPH SOLIMAN
	MARIA MALLARI
	ROGELIO SILVERIO
200	ALBINO ALCALEN
	ANTONIO RUBIN
	ARNOLD SABALA
	BERNIE DELIMA
	CAITLIN WARD
	CONSUELO AMORA
	CONSUELO ROMERO
	CRYSTAL BROWN
	DEBORAH AGUIAR
	GEORGE BERNHEIM
	LATANDRA ANTHONY
	LORETTA ZEMAITIS
	MARIAN FIGUERRES
	MARIE NANCE
	MARIVIC NICDAO
	NAYELI CALDERON
	NELLY RIVAS
	RAYNES WATSON
	VINCENT CACPAL
214	MARIA AGUILAR
215	OCCUPANT UNKNOWN
235	REYNALDO SALGADO

Target Street	Cross Street	Source
✓	-	Cole Information Services

S MAYFAIR AVE 2013

219	SYLVIANA LIE
225	OCCUPANT UNKNOWN
249	EMMA SPAVOLD
251	MELANIE VUONG
257	OCCUPANT UNKNOWN
263	VENTJE SINGKOH
269	ELEANOR CANDASA
	ELLEN MCNELLY
275	OCCUPANT UNKNOWN
281	RIAROSE CONTRIDAS
287	OCCUPANT UNKNOWN
293	JAMES WADE
297	OCCUPANT UNKNOWN
301	NATIONS GIANT HAMBURGERS
315	RADIOSHACK
323	BROASTER CHICKEN
329	JULIAN WILLIAMS
	THE UPS STORE
332	ADVANCED INSTRUMENTS HEARING AID CEN
	WESTLAKE HEARING AID CENTER
371	WESTLAKE SHOPPING CENTER
375	898 DALY INC
	CITY & COUNTY AUTOMOBILE SALES & LEA
	JACKSON HEWITT
	RICHWAYSAN FRANCISCO BIOMAT
	SAMSON MICHAEL H
	STATEWIDE REALTY
395	WALGREENS
	WESTLAKE SHOPPING CENTER
399	SEES CANDIES
401	ERIC BRANT
407	RITA ROYALES
413	RAYNALD MAMARADLO
419	ALLAN MARANGCO
425	OCCUPANT UNKNOWN
431	CALYPSO LIMOUSINE SERVICE
	OCCUPANT UNKNOWN
437	REMON QUTAMI
443	OCCUPANT UNKNOWN
449	DANGAA SILVER
451	OCCUPANT UNKNOWN
457	OCCUPANT UNKNOWN

Target Street	Cross Street	Source
✓	-	Cole Information Services

WESTLAKE CTR 2013

28	PARTY WAREHOUSE THE
79	STRIKE A POSE
85	SAFEWAY
	WELLS FARGO
100	TJ MAXX
213	CHIPOTLE MEXICAN GRILL
215	SUPERCUTS
223	HUGHESNET
235	HC STRUCTURAL ENGINEERING INC
239	BANK OF THE WEST
247	TMOBILE
306	DSW
310	BASKINROBBINS
314	TANDOORI OVEN
318	ABDULLAH ACCOUNTING SERVICES INC
	BENSON TOM INSURANCE AGENCY
	DEAL BEYOND
	ELSO TRADING COMPANY
	GARY TU STATE FARM INSURANCE AGENT
	INSTANT HOME SOLUTIONS
	PMG APPRAISAL SERVICES
	RIVER PAST CORP
	WU JERRY
326	CHEN ROSANNA OD
	KONG CINDY OD
	WESTLAKE VISION CENTER OPTOMETRY
	YAMADA RANDY DR
332	24 HOUR LOCKSMITH
	STARBUCKS COFFEE
340	JAMBA JUICE
341	CALADRIUS HEALING CLINIC
	JAYSON LO DMD INC
	KONG LUIS DDS
	SANFILIPPO PHILIP B II DPM
	SHELDON SUSAN R DDS MS
	SHIN HEE CHO VAN LIEU
	STARLITE DENTAL LAB
	SUSAN SHELDON
	WESTLAKE DENTALCARE
	WESTLAKE SLEEP CENTER
344	DAPHNES GREEK CAFE
403	SLEEP TRAIN
405	KIMCO
	ROSS DRESS FOR LESS
417	TRADER JOES
	YELLOW TAXI CAB
423	COST PLUS WORLD MARKET
440	DALY CITY OPTOMETRY
441	MIKI
444	BIJOU

Target Street	Cross Street	Source
✓	-	Cole Information Services

WESTLAKE CTR 2013 (Cont'd)

448	MTON FASHION
451	KICK CITY
457	VERIZON WIRELESS
506	ECOSWAY
507	BURGERMEISTER
508	LOBELLA
515	KANA CATERING INC
518	EUROPEAN WAX CENTER
522	SCOTTRADE

Target Street	Cross Street	Source
✓	-	Cole Information Services

LAKE MERCED BLVD 2008

203	MORRIS DAVIDOWITZ
220	ALNEA SURPIA
	ANA SUN
	CARLOS ZITARA
	CATHERINE GROSPE
	CEFERINA LLAVE
	CIRICO GEONANGA
	DANNY BUENVIAJE
	DAVID GALDAMEZ
	ERIK T THOMAS PROPERTIES INC
	ERNESTO CABREROS
	GEOGE LEONG
	GUZMAN DE
	JOCELYN PATIO
	K CALDWELL
	MARIA CALIVOZO
	MARIA MARTINEZ
	PAUL CAMARA
	REYNALDO BAMBA
	REYNALDO LLERENA
	SHARON LEWIS
	SHARON LIANG
240	ALI ALSOUFI
	BRIAN WOON
	CARMINIA RODRIGUEZ
	EDGARD HURTADO
	ELIAS AVILA
	GYWEN LOPEZ
	HELEN SALACUP
	JENN DEGUZMAN
	JORGE ARREOLA
	LEI XU
	LILLIE HODGES
	MAXINE EASTMAN
	RANDY ACOSTA
	RICHARD BERMUDEZ
	RONILLO LLONA
	SOHEL RAHMAN
	WILLIAM HOLDEN
	ZAHI ABUKHADER
260	AGUIDAMERE PASOLD
	COLLE THARP
	HENRY CARVALLO
	JULIUS TARTT
	LINDSAY LAUGHLIN
	MILO TERRY
	REUBEN MARTINEZ
	THOMAS CASEY
	WENDY YUSMAN
280	AMIRA FERNANDEZ

Target Street	Cross Street	Source
✓	-	Cole Information Services

LAKE MERCED BLVD 2008 (Cont'd)

280	ARACELI COLON
	BILLY JACKSON
	DEMARI DELIMA
	DIEN LE
	EDGAR PARKER
	EDWIN NIVERBA
	GENE BEAM
	HONOR DIXON
	J ZAAROUR
	LOURDES SALINAS
	MARIA SANCHEZ
	MEGAN LAZZERINI
	MICHAEL HATCH
	NADA ALLAN
	NUMENIA MENDOZA
	POLITA WINCHATZ
	SANDRA CARLETON
	VICTOR HAMPTON
	WILLIAM JOHNSON
320	ADELA GENOCHIO
	ANDREE PATTERSON
	BRIAN WONG
	CARMEN ROSAS
	ELISE MARTIN
	IGOR EFIMOV
	JOHN CARELL
	JUDITH MACALISANG
	LEIKIM SAWYER
	MARIA MEJIA
	MICHAEL SOLIS
	RUDY PEDAGAT
	RUTHA HUGHEY
	TAKESHI OMURA
	TARSILA CABRAL
340	ALPHONSUS BRUNER
	BRAD WHEELER
	DANIEL DALE
	DANIEL DICKS
	DAVID CRADDOCK
	DAVID LAWRENCE
	ELBA CLARA
	GREG VELARDE
	JULITA QUARIO
	MELODY OAKLEY
	MYRA GACUSAN
	QUANG VU
	SOLIDKODE
	SYLVIA TUMANG
360	ALEXANDER BACUETES
	ARMANDO ROMERO

LAKE MERCED BLVD 2008 (Cont'd)

360	BARRY HODGE
	BIMAL NAIR
	DELORES SMITH
	EDSON SANTOS
	ELAINE DISPO
	ESTERLITA DEGUZMAN
	FILMAN MAMON
	ROBERT DORHAM
	ROBERTA JENNINGS
	ROLDAN ECHANE
	ROSA PIZARRO
	RUDY CARDOZA
	TANIA SILVA
	TANYA ORTIZ
368	JAIRO VICENTE
380	ALBERTO RUIZ
	AMBER DURHAM
	ARSENIO MAGADIA
	CAROL DONES
	E CALLADO
	IRENEA BUGHAO
	JESUS LOPEZ
	JOANNE DEGUIMAN
	MARCOS NEVES
	MILAGRO MORALES
	PATRICK PANGAN
	PEDRO CORDON
	RUIMING YI
	SHIRLEY SUDIRDJA
655	ALEXANDRA HERNANDEZ
	DAVID ORITIZ
	FERDINAND RICHARDSON
	FLOR BYRNE
	FRANCIA VENEGAS
	FRANKLIN SILVA
	HARRIS GOVERNMENT CONTRACTING
	HILDELANE SILVA
	HUMBERTO MAYORAL
	IZAYDA MOLINA
	JERMISE LEWIS
	JOHN PENN
	JOSE GARCIA
	JOSEPH FREEMAN
	MANPREET KAUR
	MICHAEL LEDBETTER
	MICHAEL NEAL
	MOHAMMED SHEIKH
	VIVIANE CAVALCAMTE
	WIRIS DIAS

Target Street	Cross Street	Source
✓	-	Cole Information Services

PARK PLAZA DR 2008

21	ALBERTO FLORES
	AURA MAIRANA
	BABY FALEAFINE
	BERNADETTE HANSON
	DAN BALAKIAN
	DAYSI ACOSTA
	DEUZIMAR DOSANTOS
	ETTA LOCKHART
	EVELYN SARMIENTO
	FE BATACLAN
	J OALCKES
	JEANNIE YEUNG
	JORGE LARIN
	M & M AIRPORT LIMOUSINE CO
	MARGARET EDWARDS
	MINAO MURPHEY
	PAULO BUIGASCO
	PETRA MARANAN
	ROGELIO GARCIA
	SALAH HASSAN
41	BESS SCHIMEK
	CINZIA MEDESANI
	EDMOND BAYLON
	FLORENCE CHENG
	JOAN NAJERA
	JOE WHITEFIELD
	LU SUENHOI
	ROMEO ESTRELLA
	RONALD MALIG
	WILFREDO CHANCO
48	ABDULKADIR ABUSBITAN
	ANTHONY ERRICO
	ARASH A MOHAMMAD ZADEH
	EVANGELINE CONGCO-MACAPINLAC
	HERMINIO HERNANDEZ
	PAMELA BLUM
	RODOLFO C VILLASIN INC
	RODOLFO VILLASIN
	ROSS A DEBOSKEY MD
61	CAROL KOUNTOURIS
	D OWENS
	ELISABETH KAISER
	EMMA MENDOZA
	EVELYN LEYVA
	FERNANDO ORTIZ
	FILHO REDYWNODREGA
	FILOMENA DELAVINA
	HECTOR GONZALEZ
	JESUSA NOBLEZA
	JORGE BRITO

PARK PLAZA DR 2008 (Cont'd)

61	JULIO RIVAS
	KIA WHITE
	LINDA SOELYSTIO
	LYDIA BUNAGAN
	M MALDONADO
	MARCOS LEMOS
	MENNEN RAMOS
	NICOLAS NABONG
	VILMA DIAZ
	VIRGINIA FLORES
	WEILUN HSU
	WILLIAM CHANG
81	ALEX MEDINA
	CELSA JULATON
	ERDAG KUCUKVEMIRCI
	JOSE ESCOBAR
	JOSSIE PICKNEY
	JUDITH GUERRERO
	KATHRYN TATE
	NORA MAYUGA
	REYNILDA RUIZ
	RICHARD FARMER
	ROY BROWN
	SIMON TANG
	Y LIN
	YELLOW CAB
121	CARLOS RODRIGUEZ
	DAISUKE IRIE
	EDUARDO QUANICO
	EMMITT WATSON
	FERNANDO BALTAZAR
	HALCYON RESOURCES INC
	ISABELITA CUNANAN
	MAURICIO REYES
	PETER YOUNG
	RICKY POBRE
	ROMEO TARISA
	SCOTT SIEGEL
	SHARON JENKINS
	STRYKER INNOVATIONS INC
	VICTOR G TOLOSA INC
141	ADRIAN REYES
	ARNOLD MARTINEZ
	CALVIN BENNETT
	CARMELITA RAQUINO
	CARMILITA GONZALES
	EDITH GUARDADO
	FERNANDO GROSARA
	GLORIA LUNA
	IRMA GARCIA

PARK PLAZA DR 2008 (Cont'd)

141 JOEL GANGSTAD
JOHN MARONEY
LUIS POOL
PATRICIA RUIZ
PETER OTT
RUSSELL LEUNG
SANGGITHA KUSUMO
STEPHANIE QUOCK
VICTORIA MENDEZ

161 ANGY FLORES
CECILIA ESCOBAR
EMMA ABELARDO
F MULATO
GIL TORRES
GREGORIO FERNANDEZ
JEAN ROSARIO
JOAO OLIVEIRA
JUAN CHEN
LEILA RAGAZA
LORETTA STARR
MARIA RIOS
MARY ABAD
NANCY LUCERO
RYAN HOWE
THATCHER BAKER
YOANNE NYOTO
ZACK ASLALO

181 ABESS BASMA
ANNA TEOFILO
CARY NG
CLAUDIA GARCIA
JOCELYN BATIOCO
LIDIA SOLER
MARIA SANCHEZ
NARIMAN ATEYEH
PEDRO ESPADA
RAFAEL CASTRO
REMES SPETA
ROBERTO ARMAS
ROGERIO LAVRACCI
SIDDHARTH MAHAPATRA
VAELAA LANG

195 ANGEL SANPEDRO
HEE IN
JOSEPH SOLIMAN
LEONCIO SILVANETO
ROGELIO SILVERIO

200 ALBINO ALCALEN
ALEGRIA GOZUN
AMY ZEGZULA

Target Street	Cross Street	Source
✓	-	Cole Information Services

PARK PLAZA DR 2008 (Cont'd)

200	ANDREW BANCHERO
	ARTURO ALVARADO
	BRIAN KATAKURA
	CATHERINE NICDAO
	CLAUDIO PIMIENTA
	CONSUELO ROMERO
	DAVID HARGRAVES
	DOS NGUYEN
	EDELSON SANTOS
	EDNA TSANG
	ESPERANZA ENGALLADO
	GEORGE BERNHEIM
	ISMAEL CAILING
	ITSHAK ALFALO
	J SORIANO
	JEFF RAGASA
	JERIC BUNCIO
	JOSE GARCIA
	JR GASTINELL
	LAURA PIMENTEL
	LIGAYA MALIT
	LINDA COUGHLIN
	LOKENI FAAITA
	LORETTA ZEMAITIS
	MARIA MARTINEZ
	MARIAN FIGUERRES
	MARTHA GEHRETT
	NELLY RIVAS
	SOCORRO MEDINA
215	OCCUPANT UNKNOWN
235	JOSEFEDA LACAP

Target Street	Cross Street	Source
✓	-	Cole Information Services

S MAYFAIR AVE 2008

225	OCCUPANT UNKNOWN
247	OCCUPANT UNKNOWN
249	EMMA SPAVOLD
251	K ALTAMIRANO
257	C WU
275	HAI HER
281	LILIAN DAMES
287	VILMA GAMERO
293	JAMES WADE
297	MARIA VASONCELOS
329	AMERICARE ALLIANCE OF BAY
	C & C GOODMAN CONSTRUCTION INC
	CHEMICAL & HAZMAT TECHNOLOGY
	DONALD PIPKINS
	GARY BURGESS
	GRAND TRADING LLC
	HAILAND INTERNATIONAL INC
	KING WILEY
	LOUIS OCKEN
	MARY KEELING
	MICHAEL BANAS
	NASO & GOLA
	RAMON SANCHEZ
	SAL TORRES
	SUMMING UP
	WESTLAKE WINDOW FASHIONS LLC
	ZENITH APPRAISAL SERVICE
375	ARNOLDI INSURANCE BROKERS
	CAYABYAB CELY
	CELY CAYABYAB
	EXPURA INVESTMENTS & LOAN
	MADE IN BRAZIL PLUS 1
401	SUSAN MARANGCO
407	RHODALYN ROYALES
413	OCCUPANT UNKNOWN
419	THOMAS TUN
425	OCCUPANT UNKNOWN
431	CALYPSO LIMOUSINE
437	REMON QUTAMI
447	FABIAN CHAVES
449	OCCUPANT UNKNOWN
457	THOMAS DUDLEY

Target Street	Cross Street	Source
✓	-	Cole Information Services

WESTLAKE CTR 2008

216	WALGREENS PHARMACY 324
223	RADIOSHACK CORP
235	ACCESS DOOR SOLUTIONS
	VOCALOCITY INC
239	BANK OF THE WEST
267	ELITE HAIR SALON
310	BASKIN ROBBINS
313	WESTLAKE ART & FRAMING CENTER
318	ABDULLAH ACCOUNTING SERVICES INC
	ABDULLAH BASHEER INCOME TAX
	CHANG TIEN INVESTMENT INC
	CITY & COUNTY AUTO SLS & LSG
	STATEWIDE REALTY
321	STRUCTURE HAIR DESIGN
326	WESTLAKE VISION CENTER
332	STARBUCKS COFFEE
341	ANTHONY J ERRICO DPM
	ARASH MOHAMMED ZADEH DDS
	EVANGELINE G CONGCO MD
	ROGER D WEINGARTNER DPM
	SUSAN R SHELDON DDS
	SUSAN SHELDON
	VILLASIN FAMILY DENTAL
	VIVIEN D HERNANDEZ MD
402	WESTLAKE SHOPPING CENTER
418	BEVERLY FABRICS & CRAFTS
420	THE PARTY WAREHOUSE
423	COST PLUS INC
440	CELESTE PAZ OD
	DALY CITY OPTOMETRY
	RESPICIO S GABRIEL OD
518	MIKADO KIDS
701	88 RICE BOWL

Target Street	Cross Street	Source
✓	-	Cole Information Services

LAKE MERCED BLVD 2003

220	AGNIESZKA KOCZWARA
	ALNEA SURPIA
	ANA SUN
	DESIREE VITUG
	ELMER CALIVOZO
	ELY COSINO
	ERNESTO CABREROS
	LISSETT SALAZAR
	PABLO DEGUZMAN
	SHERRY BLACKMON
	TIN ZAW
	WAWRCYNCZYK LUDWIKA
	YUN YIEN
240	BARBARA WALDEN
	BRIAN WOON
	D BOONE
	EDGARD HURTADO
	ERIC EDWARDS
	JUDITH HOLDEN
	KARINA GOMEZ
	LEA CHUA
	LILLIE HODGES
	MICHAEL SUITER
	MINERVA PAULO
	SHAHRAM KHADEMI
	SOHEL RAHMAN
260	A GAURANO
	ANA ERAZO
	CHANG HAN
	CHRISTINA CASTANEDA
	CHUNWING CHONG
	CONNIE TUMAMAK
	H PONCE
	JOSE ACOSTA
	MAHNAZ SHOEIBY
	MANUEL YAPA
	MARIA MUNOZ
	MILO TERRY
	RAMON REGIS
	RUTH MORQUECHO
	SUNG KO
	T LEHA
	VENTURA MONTECILLO
	WENDY YUSMAN
	YUTAKA KUBOIKE
280	ARACELI COLON
	BENJAMIN HARTNETT
	BIANCA COLON
	CAREY RYAN
	CRISTIAN VILLANUEVA

Target Street	Cross Street	Source
✓	-	Cole Information Services

LAKE MERCED BLVD 2003 (Cont'd)

280	GREG POOL
	JOANNA MOONEY
	KARLA MEJIA
	M MCKAY
	MARNIE OSEGUEDA
	MARTHA VASCONCELOS
	NUMENIA MENDOZA
	VILMA RAMOS
	WILLIAM JOHNSON
	YEHWA SUH
283	DUPREY LEO E DMD INC
	PENINSULA DENTAL CTR
	PENINSULA UNION DENTAL
285	WESTLAKE SHOPPING CTR
287	BEVERLY FABRICS & CRAFTS
295	HOLLYWOOD VIDEO
303	TRADER JOES
311	BANANA ISLAND RESTAURANT
	OCCUPANT UNKNOWN
320	BRIAN SWANSON
	JOHN CARELL
	JORGE GUTIERREZ
	JOSE HERNANDEZ
	RONA GARGALICANA
	SHIGERU TAKENAKA
	TAKESHI OMURA
	VALERIE VILLARTA
	VERNON PELLMAN
340	ANTONIO SERRANO
	DAVID LAWRENCE
	ELIZABETH YULO
	ELIZABETH YULO
	JAIME OSORIO
	JOSE BADILLO
	JOSEPH QUARIO
	JOSEPHINE ABALOS
	JUAN GONZALES
	MARIA ALBERT
	ROSALINA AUSTRIA
	SU KWAK
360	CHENG LU
	FILMAN MAMON
	KHALED MCHAREK
	M COHEN-SOLAL
	ORASA DONPIROM
	SEAN PERL
	TANIA SILVA
	TANYA ORTIZ
	XIAO YAN
380	CAROLINA MARTINEZ

Target Street	Cross Street	Source
✓	-	Cole Information Services

LAKE MERCED BLVD 2003 (Cont'd)

380	DANTE ALVAREZ
	EMMA ABEO
	HARJONO TEDJO
	JESS STEERS
	JOAO JEREMIAS
	KATHLEEN RIVERA
	KATRINA COLON
	KELVIN DUNN
	MERCEDITA ZAPANTA
	MICHAEL BISCHOFF
	MYUNG JO
	NICANOR CALLADO
	PEDRO CORDON
	VERA TSAO
	VICKIE GARCIA
655	AHMET ERKOCAK
	ANN NEUFELD
	CAROLINE COX
	EDISON FREITAS
	EDSON CEROZINO
	GISELLA HIDALGO
	HERBERT VALENCIA
	JAMESSE BAILEY
	JOEL NIEBAUER
	JOHN PENN
	LORIVAL DOS-SANTOS
	MARIANA GARCIA
	MARK VILLASENOR
	MURSALLA MOHAMED
	ROBERSON MONTEIRO
	ROGERIO LEAL

Target Street	Cross Street	Source
✓	-	Cole Information Services

PARK PLAZA DR 2003

10	COLDWELL BKR DANCO REAL ESTATE
	DANCO REAL ESTATE INC
	TARUN BANERJEE
21	ALBERT ABUDE
	AMALIO ANGELES
	AURORA MAIRANA
	BOBBY GOMEZ
	CHI ZHANG
	DAN BALAKIAN
	EVELYN SARMIENTO
	HUSSEIN FARAGALLA
	JI SON
	JULIE KOO
	M LEONG
	MARIA ROBINSON
	MAURICIO DESOUZA
	NORA MORENO
	SOYEN JUNG
30	HK DESIGNER HAIR NAIL & WAX
	HONG KONG DESIGNER
	HONG KONG DESIGNER HAIR & NAIL
	SALON SYSTEMS MANAGEMENT INC
32	TANIS KITCHEN
34	MAGIC TOUCH
	OCCUPANT UNKNOWN
36	OCCUPANT UNKNOWN
38	AFSHAN MARKET
	WESTLAKE SHOE REPAIR
40	OCCUPANT UNKNOWN
	STRUCTURE HAIR DESIGN
41	ALVERTA BOOKER
	BO HUANG
	DAVID ROSENBERG
	G MARTINEZ
	HUAN CHEN
	JULIETTA OGANESIAN
	LINDA WILLIAMS
	LU SUENHOI
	ROGER ANGULO
	ROSHANDA JACKSON
	RUTHER ESTRELLA
	SUEN LU
	WILFREDO CHANCO
42	LBC MABUHAY USA COURIER SRVC
48	ABDULKADIR ABUSBITAN
	ABUSBITAN ABDULKADIR DDS
	BRYAN MICHAEL P DDS
	CHOPPELAS OD NICHOLAS
	CONGCO MACAPINLAC EVNGLN MD
	JOHNSTON MICHAEL W DDS

PARK PLAZA DR 2003 (Cont'd)

48	LAI KIM MANS ACPNCTR CLNC
	MARK T NII DDS
	PAMELA M BLUM LCSW
	PATRICK K YEE D D
	PAUL CRUDO
	ROGER WEINGARTNER
	ROYAL ELECTROLYSIS
	VILLASIN RODOLFO C DDS
	WESTLAKE PHYSICAL THERAPY
52	OCCUPANT UNKNOWN
	WESTLAKE COFFEE SHOP
61	DAVID NGUYEN
	DUILIO ARAUGOFIHO
	ERLINDA FOJAS
	JASON JOHNSON
	LORRAINE BYRNE
	LUWONA GONZALES
	MARIO ARMAS
	MARY WILLIAMS
	ROSE PINA
	VIJAY CHAUDHARY
	VILMA DIAZ
81	BERNADETTE ISON
	ESTELA SABANGAN
	JIAMING SHANG
	JOCELYN JIMENEZ
	LOURDES ESTRADA
	MICHAEL JOHNSON
	NUHA HAMMOUDEH
	RICHARD FARMER
	SERRA YELLOW CAB BRISBANE CO
	SIMON TANG
	VERONICA VANEGAS
95	JUSTO ZOLICOFF
121	AL BASTANI
	ANGUSTIA DIOLA
	CARLOS SOLORSANO
	EDUARDO QUANICO
	EMMANUEL EUGENIO
	FAZLE KAHN
	GABRIELA LOAYZA
	KYE KIM
	LEA DIAZ
	LYNICIA THOMAS
	PETER YOUNG
	SILVIA ESTRADA
141	ALEXANDRO JAMEVAO
	ALMA DAVID
	ARNOLD MARTINEZ
	FERNANDO GROSARA

PARK PLAZA DR 2003 (Cont'd)

141	JESUS MAGANA
	LIZ STEWART
	MARY CASCO
	PETER OTT
	ROSALINA DELAPENA
	URIEL OJEDA
	VANESSA ALVARADO
161	CARLOS MIJANGO
	D CINTYA
	DOROTHY MABASA
	EMMA ABELARDO
	FRANCISCO PAJUTAN
	GINA HASAL
	JAMAL ARRIGAT
	LUZ CRUZ
	MA CABILIN
	MARY COFFEY
	MOHAMMAD SHEIKH
	T TRAN
181	ADELCIO PONTES
	ANNA MCEWEN
	ANNA TEOFILO
	BELLA GITMAN
	GRETCHEN TAN
	JOHN VAHL
	ROBERTO ARMAS
	W BALAIS
	WELINGTON DIAS
195	DONALD MCGIFFIN
	HEE IN
	RANDY GUINTIGANO
	ROBERTO VIEIRA
200	ADEL OMAR
	AHSAN NIZAM
	ALAA HADDAD
	ALBERT TIAO
	ALBINO ALCALEN
	ANDREW BANCHERO
	CHRISTOPHER ROY
	EDELSON SANTOS
	FELIPE GERARDO
	HONORATO CRUZ
	JOELIC DEPAULA
	LAURA PIMENTEL
	MARIA MARTINEZ
	MICHELLE MARQUEZ
	MILENE DESOUZA
	VINH THAI
215	KAISA IPSEN
235	SUSANA ONG

Target Street	Cross Street	Source
✓	-	Cole Information Services

S MAYFAIR AVE 2003

219	STANLEY WINOWOD
225	OCCUPANT UNKNOWN
231	OCCUPANT UNKNOWN
247	RUBEN JACQUES
249	EMMA SPAVOLD
251	OCCUPANT UNKNOWN
263	FERNANDO BANARIA
275	OCCUPANT UNKNOWN
281	GLORIA TANNER
287	LADORIS RICHARD
293	OCCUPANT UNKNOWN
297	OCCUPANT UNKNOWN
299	VALERIE MARTINEZ
301	NATIONS CORP
	NATIONS GIANT HAMBURGERS
307	MAS T UNA
	UNA MAS RESTAURANTS INC
309	KYUNG HWANG
	STARBUCKS COFFEE
	WESTLAKE LIQUORS
311	MASTERCLIPS
321	OCCUPANT UNKNOWN
323	OCCUPANT UNKNOWN
327	UNITED CALIFORNIA BANK
329	BERLINA CEGUERRA
	CHUN CHAN
	CORAZON SAUTY
	CRISTINA OCAMPO
	CRIZALINE TAMAYO
	DAVID WOODWORTH
	DENISE LOWNEY
	DONALD PIPKINS
	DOUGLAS MUELLER
	ERIC CEPHUS
	HENRY SIT
	HERIBERTO GRANDE
	J FERNANDEZDELCAM
	J JONES
	J RAY
	JEREMY JAYSON
	JOHN FREDERICK
	KELLY DENEVEO
	KENICHIRO NAKAMURA
	LEAH SANTOS
	MICHAEL BANAS
	MICHAELENE AYON
	PATRICK NIGGEMEYER
	PETER TIN
	REBECCA LAM
	RODRIGO NASCIMENTO

329	SUMMING UP
	T BLASER
	TOMIYAMA TRADING
	YEVGENY IKSEL
330	WESTLAKE FRENCH CLEANERS
331	LA LEENA
	LA LEENA NAIL SALON
	OCCUPANT UNKNOWN
332	OCCUPANT UNKNOWN
339	PAYLESS SHOESOURCE
341	BROASTER CHICKEN
343	PCS SMARTMART
365	MICHAEL CHEW
	WESTLAKE VISION CTR
	YAMAHA RANDY M OD
371	GEORGETTES BEAUTY SUPPLY
	GEORGETTES OF WESTLAKE
	JOHNWIN CID
375	ARNOLDI INSURANCE BROKERS
	BASHEER ABDULLAH INCOME TAX
	CAREER COLLEGE FUNDING SRVC
	CAYABYAB CELY
	CHAVEZ THOMAS C INS
	CITY & COUNTY ATMBL SALES
	CITY & COUNTY AUTO SLS & LSG
	DESIGN STUDIO
	ENRIQUEZ MARICO C & ASSOCS
	ENTERPRISE APLCTN CNSLTNG
	FOX SHJFL WOHL NWKLD & HRTLY L
	HC WELLS INSURANCE SERVICES
	HOME INSTEAD SENIOR CARE
	JOSHUA GREENBAUM
	JULIO EDROSOLAN
	MARIO PANORINGAN
	MARQUEZ VINCENT CPA
	MCNEILL DUNCAN LAW OFFICES
	MICHAEL H SAMSON CUSTOMS BRKR
	MICHAEL SAMSON
	OPG ENGNR LCL UN NO OF THE I U
	PRIMECARE CUSTODIAL
	ROBERT DIAZ INSURANCE AGENCY
	ROBT W LEVY
	ROLANDO LAVARIAS
	SAN FRANCISCO B RICHWAY
	SAN FRANCISCO DEPUTYS SHERIFF
	SHJEFLO FOX NEWKL
	SURETY LIFE
	THOMAS CHAVEZ
379	OCCUPANT UNKNOWN
	SLIDER USA

Target Street	Cross Street	Source
✓	-	Cole Information Services

S MAYFAIR AVE 2003 (Cont'd)

391	OCCUPANT UNKNOWN
	STRAW HAT PIZZA
392	EDITHA LAURENTE
393	ANTHONYS FLORIST
395	WALGREEN DRUG STORES
	WALGREENS
401	GEORGE BRAZ
407	OCCUPANT UNKNOWN
413	NORMA ALVAREZ
419	THOMAS TUN
425	DYLAN MANALO
431	CALYPSO LIMOUSINE
437	REMON QUTAMI
443	OCCUPANT UNKNOWN
447	OCCUPANT UNKNOWN
449	JUM KIM
451	VIRGINIA MASICLAT
457	PAULITA MEDINA

Target Street	Cross Street	Source
✓	-	Cole Information Services

LAKE MERCED BLVD 1999

203	MORRIS DAVIDOWITZ
220	ALBERTO SAAVEDRA
	ANA SUN
	ANOUSONE LOUANGRATH
	ARTURO PERRA
	CARLOS ZITARA
	CATHERINE GROSPE
	CEFERINA LLAVE
	DANNY BUENVIAJE
	DAVID GALDAMEZ
	ELMER CALIVOZO
	GEOGE LEONG
	JOCELYN PATIO
	K CALDWELL
	MARIA MARTINEZ
	PAUL CAMARA
	REYNALDO BAMBA
240	ALI ALSOUFI
	BRIAN WOON
	CHARLES VERBARG
	GYWEN LOPEZ
	LEI XU
	LILLIE HODGES
	MAXINE EASTMAN
	RICHARD BERMUDEZ
	SOHEL RAHMAN
	WOODROW TATUM
260	AGUIDAMERE PASOLD
	CAROLYN CASTANEDA
	COLLE THARP
	DARWIN GOZON
	JULIUS TARTT
	MANUEL RUIZ
	MARTIN CONROY
	MILO TERRY
	NATALIA CAPILI
	ROBERTO HERNANDEZ
	THOMAS CASEY
	WENDY YUSMAN
280	AMIRA FERNANDEZ
	ARACELI COLON
	DEMARI DELIMA
	HONOR DIXON
	J ZAAROUR
	JUAN SUAREZ
	LOURDES SALINAS
	MARIA SANCHEZ
	MICHAEL HATCH
	NADA ALLAN
	POLITA WINCHATZ

Target Street	Cross Street	Source
✓	-	Cole Information Services

LAKE MERCED BLVD 1999 (Cont'd)

280	RICHARD MATHES
	VICTOR HAMPTON
283	CONSUMER DENTAL OFFICE
	DAVIDOWITZ MORRIS DDS
	DENTISTRY FOR CHILDREN
	DUPREY LEO E DMD INCORPORATED
	PENINSULA UNION DENTAL CENTER
	WESTLAKE ORTHODONTIC PRACTICE
285	WESTLAKE SHOPPING CENTER ADMINISTRATION
	WESTLAKE SHOPPING CENTER WALGREEN DRUG STORES
287	BEVERLY FABRICS & CRAFTS
295	HOLLYWOOD ENTERTAINMENT
	HOLLYWOOD VIDEO
300	PEDRO CORDON
320	ADELA GENOCHIO
	ALFREDO ELARDE
	BRIAN WONG
	CARMEN ROSAS
	CAROLINE COX
	CHARLOTTE HUGHEY
	ELISE MARTIN
	GLENN MACARAEG
	HISAKO MASUI
	JOHN CARELL
	JUDITH MACALISANG
	LEIKIM SAWYER
	MICHAEL SOLIS
	TAKESHI OMURA
	TARSILA CABRAL
340	BRAD WHEELER
	CHARLES FULLER
	DAVID CRADDOCK
	DAVID LAWRENCE
	DENNIS DUNN
	FABIOLA CARRILLO
	GREG VELARDE
	JAMES KERNS
	JULITA QUARIO
	M NARVARTE
	MELODY OAKLEY
	QUANG VU
	SYLVIA TUMANG
	WILMA CARDEN
360	ALEXANDER BACUETES
	ARMANDO ROMERO
	BARRY HODGE
	BIMAL NAIR
	EDSON SANTOS
	ELAINE DISPO
	ESTERLITA DEGUZMAN

Target Street	Cross Street	Source
✓	-	Cole Information Services

LAKE MERCED BLVD 1999 (Cont'd)

360	MICHAEL CADENA
	ROBERTA JENNINGS
	ROLDAN ECHANE
	RONNEL NIEVA
	RUDY CARDOZA
	RUI YUAN
	TANIA SILVA
	TANYA ORTIZ
	THERESA FAAPUAA
368	JAIRO VICENTE
380	ALBERTO RUIZ
	AMBER DURHAM
	ANDRE JIMENEZ
	CAROL DONES
	CHERRY PHAN
	DON ESCUETA
	IRENEA BUGHAO
	JESUS LOPEZ
	MANUEL VARGAS
	MARCOS NEVES
	NICANOR CALLADO
	PATRICK PANGAN
	PEDRO CORDON
	REYNALDO ALTOBAR
	ZENAIDA LUNA
393	GRANNY ENGS BAKERS
655	DAVID ORITIZ
	ELIZABETH WARD
	FERDINAND RICHARDSON
	FRANCIA VENEGAS
	HILDELANE SILVA
	JANE ABA
	JESSIE RUIZ
	JOAO ROSA
	JOHN PENN
	JOSE GARCIA
	JOSEPH FREEMAN
	MANPREET KAUR
	MOHAMMED SHEIKH
	VIVIANE CAVALCAMTE
	WIRIS DIAS

Target Street	Cross Street	Source
✓	-	Cole Information Services

PARK PLAZA DR 1999

10	DANCO REAL ESTATE INCORPORATED
	WESTLAKE SHOPPING CENTER DANCO REAL ESTATE
21	ALBERTO FLORES
	AURA MAIRANA
	BERNADETTE HANSON
	CHIE HAYASHI
	CHRISZAYDA ESCOBAR
	DAN BALAKIAN
	DAYSI ACOSTA
	ETTA LOCKHART
	EVELYN SARMIENTO
	FE BATACLAN
	JEANNIE YEUNG
	JORGE LARIN
	LEVALEAI FALEAFINE
	MINAO MURPHEY
	PETRA MARANAN
	ROGELIO GARCIA
	SALAH HASSAN
30	GEM SALON
32	TANIS KITCHEN
34	MAGIC TOUCH
36	PULIDOS TAILOR
38	AFSHAN MARKET
	WESTLAKE SHOE REPAIR
40	STRUCTURE HAIR DESIGN
41	BESS SCHIMEK
	G MARTINEZ
	IVY MARIN
	JOAN NAJERA
	LALAINE NAMOCATCAT
	LEOCADIO ALINEA
	LUCERIO FRANCISCO
	ROMEO ESTRELLA
	RONALD MALIG
	WILFREDO CHANCO
42	LBC MABUHAY USA FOREIGN EXCHANGE
48	ABUSBITAN ABDULKADIR DDS
	ANTHONY ERRICO
	ARASH ZADEH
	BRONSTEIN L RPT WESTLAKE PHYSICAL THERAPY WONG & BRONSTEIN
	BRYAN MICHAEL P DDS
	CONGCO MACAPINLAC EVANGELINE MD
	CONSTANTINO PAULITA G DMD
	CRUDO PAUL E DDS
	ERRICO ANTHONY J DPM
	FEENEY WILLIAM J MD INCORPORATED
	FISHER THOMAS TED MD FAAP
	GARRETT HAROLD A DR OPTMTRST
	HERNANDEZ VIVIEN DIMALANTA MD

PARK PLAZA DR 1999 (Cont'd)

48	JOHNSTON MICHAEL W DDS
	LAO DOMINGO FELICIDAD G MD
	LEMER OSCAR DDS
	MACAPINLAC CONGCO
	MARK NII
	MERIS LABORATORIES INCORPORATED DALY CITY
	NII MARK T DDS
	PAMELA BLUM
	QUINTOS ROSARIO MD
	RODOLFO VILLASIN
	ROTH HARRY L MD INCORPORATED
	ROYAL ELECTROLYSIS
	VILLASIN RODOLFO C DMD INCORPORATED
	WEINGARTNER ROGER D DR DPM
	WESTLAKE PHYSICAL THERAPY WONG & BRONSTEIN PHYSICAL THERAPY
	WONG R RPT WESTLAKE PHYSCL THERAPY WONG & BRONSTEIN
	YEE PATRICK K D D S
	ZOHR JOSEPH CHIROPRACTOR
52	WESTLAKE COFFEE SHOP
61	D OWENS
	EMILIA ESCOBAR
	EVELYN LEYVA
	FERNANDO ORTIZ
	JDICK DORADO
	JESUSA NOBLEZA
	JOSEPH CASSINELLI
	JULIO RIVAS
	LILAINE PASCUA
	MARCOS LEMOS
	MENNEN RAMOS
	MISTY BUDWORTH
	MONICA MALDONADO
	NICOLAS NABONG
	PETER LIU
	VILMA DIAZ
	VIRGINIA FLORES
	WILLIAM CHANG
81	ALEX MEDINA
	CATHERINE BALABIS
	ERDAG KUCUKVEMIRCI
	GUILIANA GUERRERO
	JOSE ESCOBAR
	JOSSIE PICKNEY
	KATHRYN TATE
	NORA MAYUGA
	NUHA HAMMOUDEH
	REYNILDA RUIZ
	RICHARD FARMER
	Y LIN
121	CARLOS RODRIGUEZ

PARK PLAZA DR 1999 (Cont'd)

121 DAISUKE IRIE
FERNANDO BALTAZAR
ISABELITA CUNANAN
JEHLI LIGGAYU
LEONARDO LIBOON
LUZ VILLALTA
MARITES CONSENGCO
MAURICIO REYES
ROBBYN BLUMENSCHEIN
ROMEO TARIFA
SHARON JENKINS

141 ADRIAN REYES
ARNOLD MARTINEZ
CALVIN BENNETT
CARMELITA RAQUINO
CHETHAN ANATHA
EDITH GUARDADO
FERNANDO GROSARA
GLORIA LUNA
JESUS MAGANA
JOEL GANGSTAD
LUIS POOL
RUSSELL LEUNG
SANGGITHA KUSUMO
STEPHANIE QUOCK
VICTORIA MENDEZ

161 CECILIA ESCOBAR
EMMA ABELARDO
GIL TORRES
GREGORIO FERNANDEZ
JUAN CHEN
LEILA RAGAZA
LORETTA STARR
MARIA RIOS
THATCHER BAKER
ZACK ASLALO

181 ABESS BASMA
CARY NG
CLAUDIA GARCIA
FELICIA EISON
JOCELYN BATIOCO
LIDIA SOLER
MANAL ABUGHANNAM
NARIMAN ATEYEH
PEDRO ESPADA
ROBERTO ARMAS
SIDDHARTH MAHAPATRA
T LIMBO
VAELAA LANG
YU HU

Target Street	Cross Street	Source
✓	-	Cole Information Services

PARK PLAZA DR 1999 (Cont'd)

191 OCCUPANT UNKNOWN
195 EVELYN RICHARDS
GRACE ALTAYA
HEE IN
JOSEPH SOLIMAN
MIKE CARRIVEAU
ROGELIO SILVERIO
200 ALAA HADDAD
ALEGRIA GOZUN
AMY ZEGZULA
ANTHONY HOANG
C CORDERO
CLAUDIO PIMIENTA
CONSUELO ROMERO
DAVID HARGRAVES
DOS NGUYEN
EDNA TSANG
GAMIL MOHAMED
GEORGE BERNHEIM
ISMAEL CAILING
ITSHAK ALFALO
J SORIANO
JERIC BUNCIO
JOSE GARCIA
KEVIN GASTINELL
KINA PENATE
KINA TUIAANA
LAURA PIMENTEL
LIGAYA MALIT
LOKENI FAAITA
LORETTA ZEMAITIS
MANUEL DUFF
MARIA MARTINEZ
MARIAN FIGUERRES
MARY BORILLO
NELLY RIVAS
RAMESH WETTASINGHE
REGINALD ALCALEN
YOUN JU
215 MAY ABRAHIM
235 JOSEFEDA LACAP

Target Street	Cross Street	Source
✓	-	Cole Information Services

S MAYFAIR AVE 1999

219	OCCUPANT UNKNOWN
225	VENUS CAMOCAMO
249	EMMA SPAVOLD
251	K ALTAMIRANO
257	OCCUPANT UNKNOWN
275	HAI HER
281	CECILIA DOLORES
287	OCCUPANT UNKNOWN
293	JAMES WADE
297	MARIA VASONCELOS
299	JENNY FONSECA
307	UNA MAS TAQUERIA
309	STARBUCKS COFFEE
	WESTLAKE LIQUORS
311	GREAT CLIPS FOR HAIR
315	RADIO SHACK
323	THREE STAR RESTAURANT
327	SANWA BANK CALIFORNIA
329	GARY BURGESS
	GREG PAPANA
	KING WILEY
	LOUIS OCKEN
	MAIL BOXES ETC WESTLAKE SHOPPING CENTER
	SUMMING UP
	TO PICK UP OR SEND MONEY TRANSFERS
330	WESTLAKE SHOPPING CENTER WESTLAKE FRENCH CLEANERS
331	LALEENA PERMANENT COSMETIC MAKE UP
333	SIZES UNLIMITED
339	PAYLESS SHOE SOURCE
341	BROASTER CHICKEN
343	BOULANGERIE
365	CHEW MICHAEL Y OD
	WESTLAKE VISION CENTER OPTOMETRY
	YAMADA RANDY M OD
371	GEORGETTES BEAUTY SUPPLIES
	WESTLAKE SHOPPING CENTER GEORGETTES OF WESTLAKE
375	ALLSTATE INSURANCE COMPANIES SALES OFFICES
	AMWAY PRODUCTS & SERVICES
	AMWAY WATER TREATMENT SYSTEMS & FILTERS TUGADE ENTERPRISES
	BASHEER ABDULLAH INCOME TAX
	BAUTISTA REALTY
	CARE RESOURCE
	CARLSON WAGONLIT TRAVEL RETAIL OFFICES
	CAYABYAB CELY INS
	CELY CAYABYAB
	CHAVEZ THOMAS C INS
	CUTCO CUTLERY & COOKWARE
	DIAZ ROBERT INS AGT
	ENRIQUEZ MARICO C & ASSOCIATES
	FOX SHJEFLO WOHL & NEWKOLD LLP

S MAYFAIR AVE 1999 (Cont'd)

375	GOLDEN GATE INTERNATL COMPANY
	JOHNSON C H CA PROBATE REFREE
	LUCKY MONEY
	PATTERSON & MCNEILL LAW OFFICES OF
	PHILIPINO ENPOWERMENT MOVEMENT
	PRIMECARE CUSTODIAL
	RTM COMMUNICATION
	VECTOR MARKETING
	WESTLAKE DEVELOPMENT COMPANY
	WOHL STEVEN C ATTORNEY
379	EAST COAST BAGEL COMPANY 8005W
383	BASKIN ROBBINS 31 FLAVORS ICE CREAM
	WESTLAKE SHPG CENTER BASKIN ROBBINS 31 FLAVORS ICE C
391	STRAW HAT PIZZA
393	ANTHONYS FLORIST
395	WALGREEN DRUG STORES DALY CITY STORE
401	SUSAN MARANGCO
407	RHODALYN ROYALES
413	OCCUPANT UNKNOWN
419	CELSO BAUTISTA
425	CHRISTOPHER SALAZAR
437	REMON QUTAMI
447	FABIAN CHAVES
	OCCUPANT UNKNOWN
449	MATEO RIOS
457	OCCUPANT UNKNOWN

Target Street	Cross Street	Source
✓	-	Cole Information Services

WESTLAKE CTR 1999

318 SARA ATIENZA
341 SUSAN SHELDON

Target Street	Cross Street	Source
✓	-	Cole Information Services

LAKE MERCED BLVD 1995

220	KHOO, TAK
	NALDANDYAN, GAGIK
	PAULA, MILTON D
	WHERRY, J A
240	EASTMAN, EDWARD
	HODGES, LILLIE F
	HURTADO, EDGARD
	MURPHY, MAY G
	PASCUA, R G
	SOLOMON, JOSEPH
	WYNER, BARRY N
260	ALINEA, L
	CASTILLO, A
	CHANG, K
	GOMEZ, GLADYS B
	LUBBE, JOSEPH R
	SUGUITAN, G
	TERRY, MIIO B JR
280	ALI, FEROZ
	CASTANEDA, C
	DECASTRO, ROBERT
	ESQUIERES, ROWENA
	JOHNSON, WILLIAM G
	OMER, W
283	CONSUMER DENTAL OFFICE
	PENINSULA UNION DENTAL CTR
	WESTLAKE ORTHODONTIC PRACTICE
285	WESTLAKE SHOPPING CTR
287	PHILAM VIDEO
295	GRANNY ENGS BAKERS
311	ONE DOLLAR & NINETY EIGHT CTR
320	CARELL, JOHN E
	FERRETI, G E
	GOODMAN, V
	GUIAO, D L
	LOPEZ, MIRIAM
	ORDONEZ, MARINA
	SARMIENTO, JAMES N
	SUN, JONG
	TURNER, R
	YOU, SHAO
340	BORJA, CARLOS
	CLARA, RODOLFO C
	FULLER, V
	SOUTO, F
360	BENAVIDES, MANUEL
	CADENA, MICHAEL
	GE, DAVID Y
	KIM, DONG H
	NIETA, MICHAEL

Target Street	Cross Street	Source
✓	-	Cole Information Services

LAKE MERCED BLVD 1995 (Cont'd)

360	TAN, LIANG
370	OCCUPANT UNKNOWNN
380	BALBOA, ROSALIN
	CHAMBERLIN, WILLIAM H
	CORDON, PEDRO A
	MALONSON, ANTHONY
	MORALES, JORGE A
	STEERS, JESS
655	AYERS, ABBY
	BANENELLI, GILBERT B
	BANIHANI, M
	FOLEY, AL
	GALVIN, JOSEPH R
	GEE, NANCY
	PENN, JOHN E
	RILEY, WILLIAM M
	SANTIAGO, LAURI
	SHIN, REXFORD
	STOCK, DIANA
	STRODE, JAMES C

Target Street	Cross Street	Source
✓	-	Cole Information Services

PARK PLAZA DR 1995

10	BURNS, CHARLES F
	DANCO REAL ESTATE INC
	DANIEL BEGOVICH JR
21	BATACLAN, BERNIE R
	FALLA, HERNAN
	GONZALEZ, LINDA S
	WILSON, WILLARD JR
30	FANTASTIC SAMS
34	WESTLAKE PANORAMA TRAVEL SVC
38	WESTLAKE SHOE REPAIR
41	CHARLES, G
	RAMIRO, JOSE M
	SUISALA, IULIO
42	LBC MABUHAY USA FOREIGN
44	WESTLAKE MEDICAL PHARMACY INC
48	ALFRED J FISHER MD
	AMBULATORY FAMILY PODIATRY GRP
	ANTONIO V UY MD
	DAVID A VAUGHAN MD
	EVANGELINE CONGCO MACAPIN MD
	FAR EAST DENTAL CERAMICS
	HARRY L ROTH MD
	JACK L PENIX JR DDS
	JAMES M FEENEY MD
	JIMMIE HIGASHI MD
	JOSEPH ZOHR DC
	LEE BROWNSTEIN
	MICHAEL BAUGH
	MICHAEL P BRYAN DDS
	MICHAEL W JOHNSTON DDS
	NICHOLAS G CHOPPELAS OD
	OSCAR LEMER DDS
	PATRICK K YEE DDS
	PAUL E CRUDO DDS
	ROBERT J PORPORATO DDS
	ROBIN C WONG
	RODOLFO C VILLASIN DDS
	ROGER D WEINGARTNER DPM
	ROSARIO QUINTOS MD
	THOMAS J FISHER MD
	VAUGHAN, DAVID
	VIVIEN D HERNANDEZ MD
	WESTLAKE PHYSICAL THERAPY
	WILLIAM J FEENEY MD
52	WESTLAKE COFFEE SHOP
61	ARMAS, MARIO A
	CALPITO, FELIX
	CASTRO, ARNOLD V
	KEARNEY, D L
	KORMAN, SAM

PARK PLAZA DR 1995 (Cont'd)

61	MOSS, QUEEN E
	RODRIQUEZ, WILLIAM P
	SEVAAETASI, FAIMATA
	STRONG, JOHNNY J
	VALLE, RAFAEL
	VICINO, JOSEPH
	YABUT, ALFREDO M
81	AMAYA, MARIA
	BADDER, ROSEM
	CASTILLO, MARINA
	FARMER, RICHARD E
	GASPARIAN, GURGEN
	JUBILO, V P
	LIBED, A R
	SAENIM, LETICIA
	SOLORZANO, WALTER J
121	CAUGUIRAN, PEMIA
	KAHN, FAZLE M
	NOLD, RICHARD L
	RODRIGUEZ, FELIX
141	MASANGYA, G V
	OCHOA, T
	OGEDA, URIEL
161	BOADO, JAIME M
	CRUZ, LUZ M
	GARCIA, SERGIO
	JAVIER, ANDREA
	LANDERO, JANE
	LEVY, ALBERT
	LOPEZ, JOSE
	MARTINI, CARL H
	RODRIGUEZ, CHERYL
	SANCHEZ, G
	SANDERS, SAMUEL J
	SUAREZ, FELIX
181	ARMAS, ROBERTO
	DLEXDNDER, JACKIE
	GITMAN, BELLA
	NEPOMUCENO, ALFONSO
	THUENER, V
	VAHL, JOHN M
195	LOPEZ, IRAIS
	RAMIREZ, MILTON
200	HOPPER, L
	INGRANDE, TINA
	JOSEPH, M M
	KLOETZLI, REBA
	MACDONALD, E
	REBURIANO, VIC R
	VAUGHAN, MELISSA

Target Street	Cross Street	Source
✓	-	Cole Information Services

PARK PLAZA DR 1995 (Cont'd)

200 ZEMAITIS, LORETTA
221 OCCUPANT UNKNOWNN

Target Street	Cross Street	Source
✓	-	Cole Information Services

S MAYFAIR AVE 1995

219	WINDRO, ARIEF
307	ARBYS
309	WESTLAKE LIQUORS
311	ONE HOUR MOTO PHOTO
315	STARWORLD VIDEO
327	WESTERN CHRISTIAN BOOK STORES
329	ALI, BADER
	ARTEMIS, GRACIE
	CHEW, KENMAN
	FLOODS FLOODS FLOODS INC
	FRAIJO, SHEILA
	HOLDREITH, ERIC
	KNOBBE, ROBERT
	LAWSON, HASKEL
	LEIN, DAVID
	MAHONEY, RICHARD
	MAIL BOXES ETC
	MORRISON, JOHN
	OCASIO, MORALES
	OF, JANE O
	SMITH, BEVERLY
	TRENTO, JOE
	VELARDE, IMELDA
	WONG, WENDY
330	WESTLAKE DRAPERY CLEANERS
	WESTLAKE FRENCH CLEANERS
331	LA LEENA
332	ADVANCED INSTRUMENTS HEARING
	WEST LAKE HEARING AID CTR
	WESTLAKE HEARING AID CTR
333	SIZES UNLIMITED
339	PAYLESS SHOE SOURCE
341	BROASTER CHICKEN
343	LA PETITE BOULANGERIE
365	RANDY M YAMADA OD
	WESTLAKE VISION CTR
371	GEORGETTES BEAUTY SUPPLIES
375	AMWAY PRODUCTS DISTRIBUTOR
	AMWAY WATER TREATMENT SYSTEMS
	BEST GOLF
	BRICKLAYERS UNION #3
	C & M FUNDING CO
	DUNCAN M MC NEILL
	ELFREDA J MENZEL
	FARMERS INSURANCE GROUP
	HEALTHCARE PROVIDERS INC
	K F TRAVEL
	KYRIAKIS & GURALNICK
	LINO B ANIT INSURANCE
	MARICO C ENRIQUEZ & ASSOC

Target Street	Cross Street	Source
✓	-	Cole Information Services

S MAYFAIR AVE 1995 (Cont'd)

375	MICHAEL H SAMSON
	MIDDLE EAST TRAVEL & TOURS
	NICCI FLORES
	OCCUPANT UNKNOWNN
	P L HERMAN & CO
	POND SHJEFLO & WOHL
	STEVEN C WOHL
	TOURPAK
	VICTOR G KYRIAKIS
379	WESTLAKE DELI
383	BASKIN ROBBINS ICE CREAM
391	STRAW HAT PIZZA
395	WALGREENS DRUG STORES
399	SANCHEZ, DOLLY
	SEES CANDIES
401	OCCUPANT UNKNOWNN
413	OCCUPANT UNKNOWNN
419	OCCUPANT UNKNOWNN
431	CALYPSO LIMOUSINE & SEDAN SVC
447	BACKE, DENNIS
457	OCCUPANT UNKNOWNN

Target Street	Cross Street	Source
✓	-	Cole Information Services

LAKE MERCED BLVD 1992

220	AIHARA, AKIHIRO
	GAERIAN, EGIDIO
	NALDANDYAN, GAGIK
	WHERRY, JOAN A
240	HURTADO, EDGARD
	MURILLO, JOSE
260	DUMAS, RAY L
	HUSARY, NAHED
	KATAKIS, FOTIS
	MORALES, M F
280	TAYLOR, ALICIA B
	WU, MICHAEL
283	DENTISTRY FOR ADLTS
	DUPREY LEO E DMD
	PENINSULA UN DENTAL
285	WESTLAKE DEVLP CO
287	PHILAM VIDEO
295	GRANNY ENGS BAKERS
311	DOLLAR NINETY EIGHT
	ONE DOLLAR 98 CENTS
360	BALDWIN, DON
	KERN, WILLIAM
	LE, JIAN
655	MANUS, LEO
	MOORE, D
	PALAD, ADOR
	PINTO, SILVIO R
	SERRELS, L M

Target Street	Cross Street	Source
✓	-	Cole Information Services

PARK PLAZA DR 1992

10	BEGOVICH D V
	BEGOVICH, D V
	DANCO REAL ESTATE
30	FANTASTIC SAMS
32	VIDEO NETWORK SERV
34	PANORAMA TRAVEL SV
	WESTLAKE PANRMA TRV
38	WESTLAKE SHOE RPR
40	UNI COMPUTERS INC
41	DEVITO, GINO
42	L B C MABUHAY COURR
44	WESTLAKE MEDCL PHAR
48	ABRAMS JAMES MD
	AMBULATORY FMLY GRP
	BARTOK S J MD
	BAUGH MICHAEL LCSW
	BAUGH, MICHAEL
	BRONSTEIN L RPT
	BRYAN MICHAEL P DDS
	CARIN MDCL CLNC INC
	CHOPPELAS N G DR
	CONGCOMACAPINLAC E
	CRUDO PAUL E DDS
	DALY CTY IMAGING CT
	ERRICO ANTHONY DPM
	FAR EAST DNTL CRMCS
	FISHER ALFRED J DR
	GARRETT HAROLD A DR
	HERNANDEZ VIVIEN MD
	HIGASHI JIMMIE MD
	JOHNSTON MICHL DDS
	LABORATORY MEDICAL
	LEMER OSCAR DDS
	PENIX JACK L JR DDS
	PORPORATO R J DDS
	UY ANTONIO V MD
	VAUGHAN D A MD FACC
	VILLASIN R C DMD
	WEINGARTNER R DR
	YEE PATRICK K DDS
	ZOHR JOSEPH CHIRO
52	WESTLAKE COFFEE SHP
61	BEATTIE, BARBARA J
	KORMAN, SAM
81	GASPARIAN, GURGEN
141	DIZON, MERLIN
	OGEDA, URIEL
161	CORDOVA, SALLY
	SMALLWOOD, GLORIA
181	EGHTESSADI, ALI

Target Street	Cross Street	Source
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PARK PLAZA DR 1992 (Cont'd)

200	HALL, BRIAN C
	HOPPER, L
	JOSEPH, M M
	KHORASHEV, SERGEI
	MACDONALD, E
	PEREZ, LOUIS A
	QUEJADA, LIGAYA
	ROZARIO, GEORGE J
	TAUSILI, S
221	GARAVITO, JORGE A

Target Street	Cross Street	Source
✓	-	Cole Information Services

S MAYFAIR AVE 1992

225	CHAVEZ, JUAN C
231	CASTRO, W
309	WESTLAKE LIQUORS
311	MOTO PHOTO
	ONE HOUR MOTO PHOTO
315	STARWORLD VIDEO
323	NUTRI SYSTM WGHT LS
329	MAIL BOXES ETC USA
330	WESTLAKE DRAPRY CLN
331	LA LEENA
333	SIZES UNLIMITED
339	PAYLESS SHOESOURCE
341	BROASTER CHICKEN
343	LA PETITE BOULANGRE
365	CHEW MICHAEL Y OD
	YAMADA RANDY M OD
371	GEORGETTES BTY SLN
	WESTLAKE GEORGETTES
375	A H C APPAREL OUTLT
	ALLSTATE INS
	AMWAY PRODUCTS&SERV
	ANIT LINO B INS AG
	BED BATH&BEYOND
	BRICKLAYERS UN NO 7
	BRODIE WALTER F
	CHEFS CORDON BLEU
	CHINA EXPRESS
	CINDRELLA ACCESSORY
	DALY CTY OPTOMETRY
	DIET CENTER
	DIPLOMAT TRVL INTL
	DONAS HALLMARK SHOP
	DRESSBARN
	ELLIS LUKE ATTY
	ENRIQUEZ MARICO&ASC
	FANTASTIC SPORTS
	FASHION DISCOUNT
	FERN WARNER UNIFRMS
	FOXY 17
	GOLD HANGER THE
	GURALNICK S ATTY
	HEALTHCARE PROVIDER
	HERMAN P L&CO INC
	HOUSE OF FABRICS
	JEWELERY LAND
	JUST FOR KIDS
	K F TRAVEL
	KIDS MART
	KYRIAKIS V G ATTY
	LOEHMANNS

S MAYFAIR AVE 1992 (Cont'd)

375	MATYAS E ANDREW LAW
	MCNEILL, DUNCAN M
	MENZEL ELFREDA CPA
	MR H LUGGAGE&LEATHR
	NATIONS GNT HMBRGRS
	PENNEY
	PHYSICAL THRPY SERV
	POND SHJEFLO&WOHL
	POND, SHJEFLO
	PRETTY&PLUMP
	RED WING SHOE STORE
	ROSS SHOES FOR LESS
	SAFEWAY STORE
	SAMSON MICHAEL H
	SANWA BNK CA
	SEES CANDIES
	SHOE TOWN
	TANDY
	TERRY TUGADE&ASCTS
	TOURPAK
	TREVOR JAS H
	TREVOR, JAMES H
	WESTLAKE ART&FRAMNG
	WOHL STEVEN C ATTY
379	WESTLAKE DELI
383	BASKIN&ROBBINS 31
391	STRAW HAT PIZZA
393	BRO PAP FLORAL SERV
	WESTLAKE FLOWER SHP
395	WALGREEN DRG INFO

Target Street	Cross Street	Source
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LAKE MERCED BLVD 1985

LAKE MERCED BLVD
94015 DALY CITY

101	DALY CTY PKS DOELGR	991-8012	3
	DOELGER SENIOR CNTR	991-8012	4
111	DALY CTY PKS ADMIN	991-8001	3
145	DALY CTY PKS WESTLK	991-8021	3
149	DALY CTY PKS&REC	991-9624	4
	RECREATION CENTER	991-9671	4
	WESTLAKE IMPROVEMNT	994-2965	
	WESTLAKE SUBDIV	994-2965	
153	DALY CTY SANITATION	755-6557	8
	NORTH SN MAT SANITN	755-6557	
215	XXXX	00	
220.....	APARTMENTS		
10	BAKER KATHLEEN	755-2302	1
6	CARBAJAL FERNANDO	994-8833	0
	GAMEZ FLIA	994-8835	3
	GOLDBERG L	992-2858	3
	HAYWARD E	755-8894	3
	JONES JAY E	994-7846	3
	MASSOLA ERNIE A	992-7587	2
18	MATICEVICH M A	992-8620	
	PARK MOO HOON	992-0637	4
21	REYNOLDS A	756-0452	0
9	SMITH P	992-6733	8
	TROUBETARIS D V	755-7562	4
1	WHERRY J A	756-7662	8
24	WOLFF HANS PETER	755-3950	
220.....			
240.....	APARTMENTS		
	ARMAS CARLOS	994-6377	4
21	HOBBS R E	756-5763	7
2	MACHI FRANK	756-1184	8

Target Street	Cross Street	Source
✓	-	Haines Criss-Cross Directory

LAKE MERCED BLVD 1985



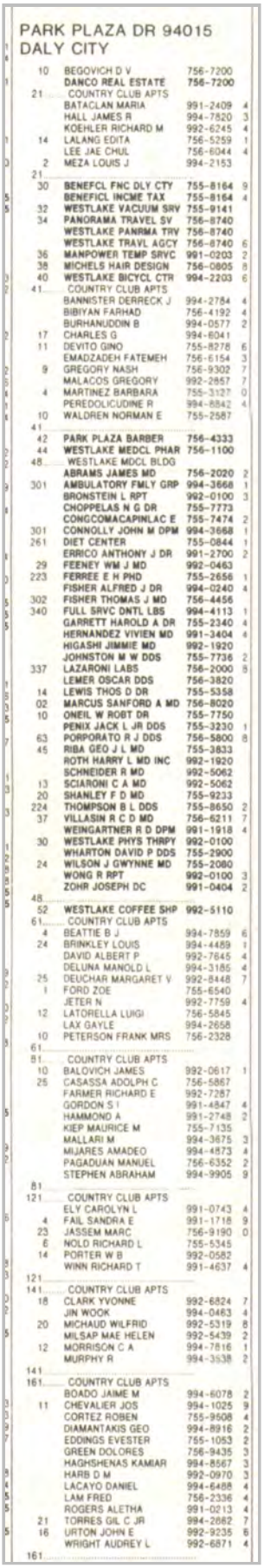
LAKE MERCED BLVD 94015 CONT

15	ROBERTSON D E	755-5167	
	SUSBILLA CARLOS	994-8206	4
	TAKAHASHI GORDON	756-7550	4
4	WYNER BARRY N	755-4877	
18	YOUNGE ROLLO	756-3864	0
240			
260	APARTMENTS		
	ARCE JOS R	755-3580	4
11	BARRETT M A	756-0783	6
	CLINTON JAY E	992-3205	4
	GUYTON LINDA Y	991-1022	4
	JONES S	994-2640	4
	SACKETT L	992-1684	9
20	SCHROETER JOS	994-4170	9
	WOOD WESLEY	755-0262	3
	ZAPANTA JESUS S	756-0349	4
260			
275	XXXX	00	
280	APARTMENTS		
	LUCIER JAS A	994-7610	4
	LYNN MAUREEN	991-2763	4
	MALLISON DAVID H	994-3924	3
7	MARQUEZ ALFREDO	755-6544	8
	ROMERO STEPHEN N	994-2820	4
	SABALLOS DONALD H	755-8594	2
280			
283	**DAVIDOWITZ M DDS**	**991-0300**	4
	ORTHODONTIC CENTER	**994-1200**	3
	PENINSULA UN DENTAL	**991-0300**	2
285	**WESTLAKE DEVELOPMNT**	**756-2161**	
	WESTLAKE SHOPPING C	**756-2161**	6
287	**LOTUS CENTURY**	**992-5230**	4
295	**STONEWALLS**	**994-6400**	8
320	APARTMENTS		
12	BROAS REYNALDO	755-5143	0
	BRODSKY MARTHA	994-0354	4
17	FIRPO ALFRED J	755-5219	
2	HALL ROBERT	994-5385	1
	IBRAHAM LAFY	755-3596	4
	KELLY MAUREEN	994-0500	3
	KELLY S R	994-0500	3
14	MARINO L	992-9673	
5	OJANEN RIITTA	755-0456	8
21	WONG PETER Y	994-2437	1
320			
340	APARTMENTS		
21	ADAMS ALBURNIA	755-9187	9
	ARGUELLO ENRIQUE	992-2758	2
11	BATES G	756-4522	1
	CLARA RODOLFO C	991-3181	4
10	DAVIS M F	992-1650	
	ROBERTS C	991-3178	4
	TOOMEY MARTHA D	994-4989	2
	TOOMEY THOMAS	994-4989	2
16	TSIAGAS CRISTOS	756-6871	7
340			
360	APARTMENTS		
	CAMPOS NESTOR I	994-9127	4
15	KERN WM	756-7460	
	MILAN SILVIA L	755-8592	3
19	PALACIOS LUIS R	756-9141	1
	WILLIAMS C R	994-1239	4
11	ZERVOS SOTIRES	755-6770	9
360			
379	**FOTIQUE**	**755-3216**	8
380	APARTMENTS		
	ABEL BILL	994-4427	4
	CALLADO C	991-1859	4
5	CHAMBERLIN WM H MRS	756-0528	
7	CHISM BIRTHA	992-1095	8
	FOX R	994-0755	4
	HARRIS FRANKLIN	756-4972	2
	HOHL JOHN	755-5045	
19	IWATA ISAO	756-7798	7
	PINTO F M	992-1593	2
	ROBERTS W A	755-3561	4
18	RUSTIA FRANCISCO O	755-3773	8
380			
655	APARTMENTS		
25	BANENELLI GILBERT B	994-8957	9
	CHAMCHUN WICHAI	756-9458	3
	GALVIN JOS R	992-6226	
103	HANNAN WM L	994-0773	1
54	HO CHAS L	992-7876	
	HORTON MARIE	755-6508	3
	JACOBS ZAHWAH	994-2834	4
	JONES D	991-7291	4
	LATHAM STELLA	992-5113	
	LATHAM THOYD O	992-5113	
04	MANUS LEO	992-4946	
62	PENN JOHN E	756-6622	
66	RILEY WM M	992-7331	8
07	SERRELS L M	992-3121	
	SIMPSON WALLACE	994-4167	2
55	SPATARO JOE	992-3681	1
53	STASSEN A S	755-1849	6
	STEWART AGNES R	992-9162	
110	STRODE JAMES C	994-7794	9
	TRAN KATHY	994-6966	3
	VU HIEN CONG	994-8667	2
	XIQUES ANGEL N	994-1281	3
655			
NO #	**CA ST DIAGNOSTIC SC**	**469-6217**	2
NO #	**DIAGNOSTIC SCHOOL**	**469-6217**	2
NO #	**JOES OF WESTLAKE**	**755-7400**	
NO #	**WESTLAKE JOES**	**755-7400**	

* 22 BUS 97 RES 0 NEW

Target Street	Cross Street	Source
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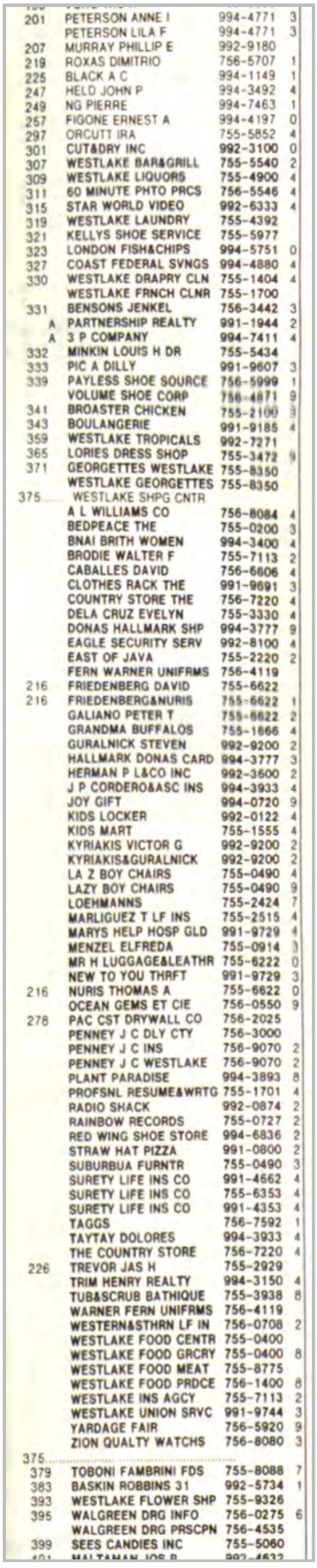


PARK PLAZA DR 94015
DALY CITY

10	BEGOVICH D V	756-7200	
	DANCO REAL ESTATE	756-7200	
21	COUNTRY CLUB APTS		
	BATACLAN MARIA	991-2409	4
	HALL JAMES R	994-7820	3
	KOEHLER RICHARD M	992-6245	4
14	LALANG EDITA	756-5259	1
	LEE JAE CHUL	756-6044	4
2	MEZA LOUIS J	994-2153	
30	BENEFCL FNC DLY CTY	755-8164	9
	BENEFICL INCME TAX	755-8164	4
32	WESTLAKE VACUUM SRV	755-9141	
34	PANORAMA TRAVEL SV	756-8740	
	WESTLAKE PANRMA TRV	756-8740	
	WESTLAKE TRAVL AGCY	756-8740	6
36	MANPOWER TEMP SRVC	991-0203	2
38	MICHELS HAIR DESIGN	756-0805	8
40	WESTLAKE BICYCL CTR	994-2203	6
41	COUNTRY CLUB APTS		
	BANNISTER DERRECK J	994-2784	4
	BIBIYAN FARHAD	756-4192	4
	BURHANUDDIN B	994-0577	2
17	CHARLES G	994-6041	
11	DEVITO GINO	755-8278	6
	EMADZADEH FATEMEH	756-6154	3
9	GREGORY NASH	756-9302	7
	MALACOS GREGORY	992-2857	7
4	MARTINEZ BARBARA	755-3127	0
	PEREDOLICUDINE R	994-8842	4
10	WALDREN NORMAN E	755-2587	
42	PARK PLAZA BARBER	756-4333	
44	WESTLAKE MEDCL PHAR	756-1100	
48	WESTLAKE MDCL BLDG		
	ABRAMS JAMES MD	756-2020	2
301	AMBULATORY FMLY GRP	994-3668	1
	BRONSTEIN L RPT	992-0100	3
	CHOPPELAS N G DR	755-7773	
	CONGCOMACAPINLAC E	755-7474	2
301	CONNOLLY JOHN M DPM	994-3668	1
261	DIET CENTER	755-0844	1
	ERRICO ANTHONY J DR	991-2700	2
29	FEENEY WM J MD	992-0463	
223	FERREE E H PHD	755-2656	1
	FISHER ALFRED J DR	994-0240	4
302	FISHER THOMAS J MD	756-4456	
340	FULL SRVC DNTL LBS	994-4113	1
	GARRETT HAROLD A DR	755-2340	4
	HERNANDEZ VIVIEN MD	991-3404	4
	HIGASHI JIMMIE MD	992-1920	
	JOHNSTON M W DDS	755-7736	2
337	LAZARONI LABS	756-2000	8
	LEMER OSCAR DDS	756-3820	
14	LEWIS THOS D DR	755-5358	
02	MARCUS SANFORD A MD	756-8020	
10	ONEIL W ROBT DR	755-7750	
	PENIX JACK L JR DDS	755-3230	1
63	PORPORATO R J DDS	756-5800	8
45	RIBA GEO J L MD	755-3833	
	ROTH HARRY L MD INC	992-1920	
	SCHNEIDER R MD	992-5062	
13	SCIARONI C A MD	992-5062	
20	SHANLEY F D MD	755-9233	
224	THOMPSON B L DDS	755-8650	2
37	VILLASIN R C D MD	756-6211	7
	WEINGARTNER R D DPM	991-1918	4
30	WESTLAKE PHYS THRPY	992-0100	
	WHARTON DAVID P DDS	755-2900	
24	WILSON J GWYNNE MD	755-2080	
	WONG R RPT	992-0100	3
	ZOHR JOSEPH DC	991-0404	2
52	WESTLAKE COFFEE SHP	992-5110	
61	COUNTRY CLUB APTS		
4	BEATTIE B J	994-7859	6
24	BRINKLEY LOUIS	994-4489	1
	DAVID ALBERT P	992-7645	4
	DELUNA MANOLO L	994-3185	4
25	DEUCHAR MARGARET V	992-8448	7
1	FORD ZOE	755-6540	
	JETER N	992-7759	4
12	LATORELLA LUIGI	756-5845	
	LAX GAYLE	994-2658	
10	PETERSON FRANK MRS	756-2328	
81	COUNTRY CLUB APTS		
10	BALOVICH JAMES	992-0617	1
25	CASASSA ADOLPH C	756-5867	
	FARMER RICHARD E	992-7287	
	GORDON S I	991-4847	4
	HAMMOND A	991-2748	2
	KIEP MAURICE M	755-7135	
	MALLARI M	994-3675	3
	MIJARES AMADEO	994-4873	4
	PAGADUAN MANUEL	756-6352	2
	STEPHEN ABRAHAM	994-9905	9
121	COUNTRY CLUB APTS		
	ELY CAROLYN L	991-0743	4
4	FAIL SANDRA E	991-1718	9
23	JASSEM MARC	756-9190	0
6	NOLD RICHARD L	755-5345	
14	PORTER W B	992-0582	
	WINN RICHARD T	991-4637	4
141	COUNTRY CLUB APTS		
18	CLARK YVONNE	992-6824	7
	JIN WOOK	994-0463	4
20	MICHAUD WILFRID	992-5319	8
	MILSAP MAE HELEN	992-5439	2
12	MORRISON C A	994-7816	1
	MURPHY R	994-3538	2
161	COUNTRY CLUB APTS		
	BOADO JAIME M	994-6078	2
11	CHEVALIER JOS	994-1025	9
	CORTEZ ROBEN	755-9508	4
	DIAMANTAKIS GEO	994-8916	2
	EDDINGS EVESTER	755-1053	2
	GREEN DOLORES	756-9435	3
	HAGHSHENAS KAMIAR	994-8567	3
	HARB D M	992-0970	3
	LACAYO DANIEL	994-6488	4
	LAM FRED	756-2336	4
	ROGERS ALETHA	991-0213	4
21	TORRES GIL C JR	994-2662	7
16	URTON JOHN E	992-9235	6
	WRIGHT AUDREY L	992-6871	4

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S MAYFAIR AVE 1985



201	PETERSON ANNE I	994-4771	3
	PETERSON LILA F	994-4771	3
207	MURRAY PHILLIP E	992-9180	
219	ROXAS DIMITRIO	756-5707	1
225	BLACK A C	994-1149	1
247	HELD JOHN P	994-3492	4
249	NG PIERRE	994-7463	1
257	FIGONE ERNEST A	994-4197	0
297	ORCUTT IRA	755-5852	4
301	CUT&DRY INC	992-3100	0
307	WESTLAKE BAR&GRILL	755-5540	2
309	WESTLAKE LIQUORS	755-4900	4
311	60 MINUTE PHTO PRCS	756-5546	4
315	STAR WORLD VIDEO	992-6333	4
319	WESTLAKE LAUNDRY	755-4392	
321	KELLYS SHOE SERVICE	755-5977	
323	LONDON FISH&CHIPS	994-5751	0
327	COAST FEDERAL SVNGS	994-4880	4
330	WESTLAKE DRAPRY CLN	755-1404	4
	WESTLAKE FRNCH CLNR	755-1700	
331	BENSONS JENKEL	756-3442	3
A	PARTNERSHIP REALTY	991-1944	2
A	3 P COMPANY	994-7411	4
332	MINKIN LOUIS H DR	755-5434	
333	PIC A DILLY	991-9607	3
339	PAYLESS SHOE SOURCE	756-5999	1
	VOLUME SHOE CORP	756-4871	9
341	BROASTER CHICKEN	755-2100	3
343	BOULANGERIE	991-9185	4
359	WESTLAKE TROPICALS	992-7271	
365	LORIES DRESS SHOP	755-3472	9
371	GEORGETTES WESTLAKE	755-8350	
	WESTLAKE GEORGETTES	755-8350	
375	WESTLAKE SHPG CNTR		
	A L WILLIAMS CO	756-8084	4
	BEDPEACE THE	755-0200	3
	BNAI BRITH WOMEN	994-3400	4
	BRODIE WALTER F	755-7113	2
	CABALLES DAVID	756-6606	4
	CLOTHES RACK THE	991-9691	3
	COUNTRY STORE THE	756-7220	4
	DELA CRUZ EVELYN	755-3330	4
	DONAS HALLMARK SHP	994-3777	9
	EAGLE SECURITY SERV	992-8100	4
	EAST OF JAVA	755-2220	2
	FERN WARNER UNIFRMS	756-4119	
216	FRIEDENBERG DAVID	755-6622	
216	FRIEDENBERG&NURIS	755-6622	1
	GALIANO PETER T	755-6622	2
	GRANDMA BUFFALOS	755-1666	4
	GURALNICK STEVEN	992-9200	2
	HALLMARK DONAS CARD	994-3777	3
	HERMAN P L&CO INC	992-3600	2
	J P CORDERO&ASC INS	994-3933	4
	JOY GIFT	994-0720	9
	KIDS LOCKER	992-0122	4
	KIDS MART	755-1555	4
	KYRIAKIS VICTOR G	992-9200	2
	KYRIAKIS&GURALNICK	992-9200	2
	LA Z BOY CHAIRS	755-0490	4
	LAZY BOY CHAIRS	755-0490	9
	LOEHMANNS	755-2424	7
	MARLIGUEZ T LF INS	755-2515	4
	MARYS HELP HOSP GLD	991-9729	4
	MENZEL ELFREDA	755-0914	3
	MR H LUGGAGE&LEATHR	755-6222	0
	NEW TO YOU THRFT	991-9729	3
216	NURIS THOMAS A	755-6622	0
	OCEAN GEMS ET CIE	756-0550	9
278	PAC CST DRYWALL CO	756-2025	
	PENNEY J C DLY CTY	756-3000	
	PENNEY J C INS	756-9070	2
	PENNEY J C WESTLAKE	756-9070	2
	PLANT PARADISE	994-3893	8
	PROFSNL RESUME&WRTG	755-1701	4
	RADIO SHACK	992-0874	2
	RAINBOW RECORDS	755-0727	2
	RED WING SHOE STORE	994-6836	2
	STRAW HAT PIZZA	991-0800	2
	SUBURBUA FURNTR	755-0490	3
	SURETY LIFE INS CO	991-4662	4
	SURETY LIFE INS CO	755-6353	4
	SURETY LIFE INS CO	991-4353	4
	TAGGS	756-7592	1
	TAYTAY DOLORES	994-3933	4
	THE COUNTRY STORE	756-7220	4
226	TREVOR JAS H	755-2929	
	TRIM HENRY REALTY	994-3150	4
	TUB&SCRUB BATHIQUE	755-3938	8
	WARNER FERN UNIFRMS	756-4119	
	WESTERN&STHRN LF IN	756-0708	2
	WESTLAKE FOOD CENTR	755-0400	
	WESTLAKE FOOD GRCRY	755-0400	8
	WESTLAKE FOOD MEAT	755-8775	
	WESTLAKE FOOD PRDCE	756-1400	8
	WESTLAKE INS AGCY	755-7113	2
	WESTLAKE UNION SRVC	991-9744	3
	YARDAGE FAIR	756-5920	9
	ZION QUALTY WATCHS	756-8080	3
375			
379	TOBONI FAMBRINI FDS	755-8088	7
383	BASKIN ROBBINS 31	992-5734	1
393	WESTLAKE FLOWER SHP	755-9326	
395	WALGREEN DRG INFO	756-0275	6
	WALGREEN DRG PRSCPN	756-4535	
399	SEES CANDIES INC	755-5060	
401	MALTAMAN JOS R	992-4632	

Target Street	Cross Street	Source
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LAKE MERCED BLVD 1980



LAKE MERCED BLVD
94015 DALY CITY

101★	ABRAHAM LINCOLN SCH	992-1003	5
145★	DALY CITY CMMNTY	992-1894	9
149★	DALY CTY CTY REC	755-9807	2
★	RECREATION CENTER	755-9938	5
★	WESTLAKE IMPROVEMNT	994-2965	
★	WESTLAKE SUBDIV	994-2965	3
151	XXXX	00	
153★	DALY CITY SAN SEWR	755-6557	8
★	HOMER J OLSEN INC	756-6411	7
★	NORTH SN MTO SANITN	755-6557	2
215	XXXX	00	
220	APARTMENTS		
	BARSOTTI M	994-9829	9
21	BROWN PATRICIA	756-1108	
	DICKERSON TERRY	994-9829	9
6	HONGO KUNIHIRO	992-7096	6
4	JACOBS FREDERICK W	756-7582	2
25	JONES WM E	992-3833	
18	MATICEVICH M A	992-8620	2
	NABER SUHEIL	994-2759	9
	NERI LAURO S	991-0755	9
15	PATTESON MARGARET	755-5025	7
10	PORTEN MARV	755-7172	8
11	RENCLOU T	992-8621	2
3	RIETHMEIER PAULA	756-5559	8
12	ROBIE G S	992-1467	
	RUSSELL P	755-7349	9
9	SMITH P	992-6733	8
1	WHERRY J A	756-7662	8
24	WOLFF HANS PETER	755-3950	
220			
240	APARTMENTS		
	DENTON R L	994-7573	9
21	HOBBS R E	756-5763	7
	HOWE S	756-3389	9
2	MACHI FRANK	756-1184	8
	OROZCO D	994-7081	9
7	PARTRIDGE DAVID	994-7573	8
15	ROBERTSON D E	755-5167	
5	TANTARELLI M	755-8967	7
	WRIGHT DANNIE	756-3811	9
4	WYNER BARRY N	755-4877	
4	WYNER M	755-4866	7
240			
260	APARTMENTS		
11	BARRETT M A	756-0783	6
19	BERMAN R	756-7721	8
24	BROWN BARBARA	756-4276	3
	KELLEY SYLVIA	994-5975	9
6	KITTA JOHN M	756-8313	5
23	LOFTIN J	755-8626	7
7	MEACHAM ROSEMOND L	756-5092	2
1	NORRIS LINDA Y	756-7518	7
	SACKETT L	992-1684	9
	SCHROETER JOS	994-4170	9
	SUN MILDRED	994-6847	9
3	THOMPSON FRANCINE	755-4360	6
260			
275	XXXX	00	

Target Street	Cross Street	Source
✓	-	Haines Criss-Cross Directory

LAKE MERCED BLVD 1980



LAKE MERCED BLVD 94015 CONT

280.....APARTMENTS

	AZIZI DAVID	755-9207	9
	BANKS BRANDIE	994-9388	9
	BURNETT GARY	991-0128	9
6	CASSELL P	755-9363	8
	COOPER MILTON JR	756-6461	9
4	DILLAHUNTY VESSIE	755-7018	8
21	DIMOND B M	756-8854	6
	FRANKLIN LEOINTINE	755-7049	9
7	MARQUEZ ALFREDO	755-6544	8
	MENDOZA JESUS A	756-5962	9
	OLIPHANT ALPHONSO	755-4954	9
19	RAMOS SIMEON	755-9409	8
	SMITH M E	991-1109	9

280

285★	**WESTLAKE DEVELOPMNT**	**756-2161**	
★	**WESTLAKE SHOPNG CTR**	**756-2161**	6
295★	**STONEWALLS**	**994-6400**	8

320.....APARTMENTS

15	ANICETE GLICERIO C	756-1803	7
6	BRADIX DELENA L	992-8247	5
17	FIRPO ALFRED J	755-5219	3
	GUERRA CARLOS M	756-5646	9
	IGNACIO VICTORINO	994-7696	9
14	MARINO L	992-9673	5
5	OJANEN RIITTA	755-0456	8
	SCALLION STANLEY	992-5534	9
21	SMITH CURTIS J	755-3430	8

320

340.....APARTMENTS

	ADAMS ALBURNIA	755-9187	9
11	BATES G	756-4522	8
4	COCHRAN PAUL MRS	756-2575	
	COSENTINO PASCAL	756-8468	9
10	DAVIS M F	992-1650	
	ESPINO JESUS	994-1431	9
15	JOHANSEN E	756-4689	
3	KHOD MOLLY	755-8937	8
	ROBINSON LATONYA	755-8935	9
16	TSIAGAS CRISTOS	756-6871	7

340

360.....APARTMENTS

17	BROWN PIA BIANCA	756-4408	8
16	BURKE VEDA K	992-5043	
	CONNOR L A	755-0245	9
	COSENTINO Z	994-4658	9
2	GLOVER LARRY	994-7551	6
15	KERN WM	756-7460	
16	LYONS C J	992-5043	
8	MALERSTEIN LEO	756-2710	5
4	SANCHEZ AMERICA I	994-3734	8
	STALCUP MIKE	756-1837	9
	TIENTER GRACE T	994-5286	9
	ZERVOS SOTIRES	755-6770	9

360

379★	**FOTIQUE**	**755-3216**	8

380.....APARTMENTS

	BOLIN JOHN	992-0153	9
5	CHAMBERLIN WM H MRS	756-0528	
7	CHISM BIRTHA	992-1095	8
	FRAZIER STEPHANIE	992-4519	9
	HIFAI JILA	994-9699	9
	HILL KATHERINE J	756-8692	9
20	HOHL JOHN	755-5045	
19	IWATA ISAO	756-7798	7
16	MILLAR A H	992-2625	3
6	MOORE MICHAEL D	756-5203	7
3	RENO MICHAEL	755-3049	6
18	RUSTIA FRANCISCO O	755-3773	8
	ZARCO LAURA	992-5714	9

380

655.....APARTMENTS

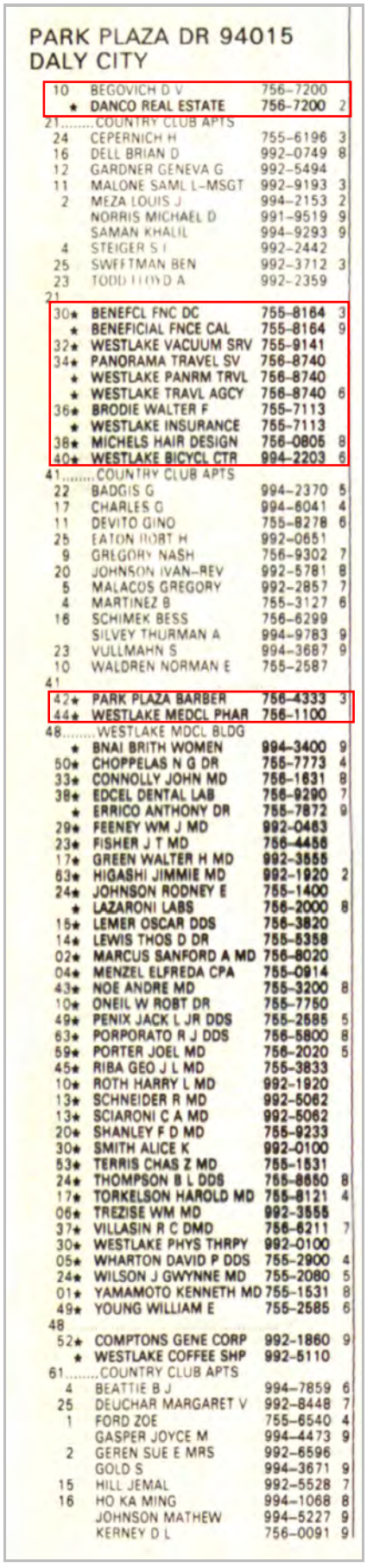
	APALISOK VIANNEY	755-0384	9
	BANENELLI GILBERT	994-8957	9
59	DAVIS JIMMIE	992-5033	7
00	GALVIN JOS R	992-6226	
29	GRIFFIN L A	994-7141	8
54	HO CHAS L	992-7876	4
12	JENKINS DAVID	755-7940	9
09	KRIZMAN LYNN L	992-9924	7
60	LATHAM STELLA	992-5113	
60	LATHAM THOYD O	992-5113	
04	MANUS LEO	992-4946	5
	ORNER S G	755-4025	9
62	PENN JOHN E	756-6622	
66	RILEY WM M	992-7331	8
02	ROBERTSON TOM	994-1642	7
07	SERRELS L M	992-3121	
55	SPENCER WYNER JR	992-6208	6
53	STASSEN A S	755-1849	6
61	STEWART AGNES R	992-9162	2
	STRODE JAMES C	994-7794	9
26	UNISA ERLINDA	994-2564	7
	WILLIAMS ANNE V	755-9482	9

655

NO =★	**JOES OF WESTLAKE**	**755-7400**	
NO =★	**WESTLAKE JOES**	**755-7400**	
★	15 BUS 123 RES	0 NEW	

Target Street	Cross Street	Source
✓	-	Haines Criss-Cross Directory

PARK PLAZA DR 1980



PARK PLAZA DR 94015
DALY CITY

10	BEGOVICH D V	756-7200	
★	DANCO REAL ESTATE	756-7200	2
21	COUNTRY CLUB APTS		
24	CEPERNICH H	755-6196	3
16	DELL BRIAN D	992-0749	8
12	GARDNER GENEVA G	992-5494	
11	MALONE SAML L-MSGT	992-9193	3
2	MEZA LOUIS J	994-2153	2
	NORRIS MICHAEL D	991-9519	9
	SAMAN KHALIL	994-9293	9
4	STEIGER S I	992-2442	
25	SWEETMAN BEN	992-3712	3
23	TODD FLOYD A	992-2359	
21			
30★	BENEFCL FNC DC	755-8164	3
★	BENEFICIAL FNCE CAL	755-8164	9
32★	WESTLAKE VACUUM SRV	755-9141	
34★	PANORAMA TRAVEL SV	756-8740	
★	WESTLAKE PANRM TRVL	756-8740	
★	WESTLAKE TRAVL AGCY	756-8740	6
36★	BRODIE WALTER F	755-7113	
★	WESTLAKE INSURANCE	755-7113	
38★	MICHELS HAIR DESIGN	756-0805	8
40★	WESTLAKE BICYCL CTR	994-2203	6
41	COUNTRY CLUB APTS		
22	BADGIS G	994-2370	5
17	CHARLES G	994-6041	4
11	DEVITO GINO	755-8278	6
25	EATON ROBT H	992-0651	
9	GREGORY NASH	756-9302	7
20	JOHNSON IVAN-REV	992-5781	8
5	MALACOS GREGORY	992-2857	7
4	MARTINEZ B	755-3127	6
16	SCHIMEK BESS	756-6299	
	SILVEY THURMAN A	994-9783	9
23	VULLMAHN S	994-3687	9
10	WALDREN NORMAN E	755-2587	
41			
42★	PARK PLAZA BARBER	756-4333	3
44★	WESTLAKE MEDCL PHAR	756-1100	
48	WESTLAKE MDCL BLDG		
★	BNAI BRITH WOMEN	994-3400	9
50★	CHOPPELAS N G DR	755-7773	4
33★	CONNOLLY JOHN MD	756-1631	8
38★	EDCEL DENTAL LAB	756-9290	7
★	ERRICO ANTHONY DR	755-7872	9
29★	FEENEY WM J MD	992-0463	
23★	FISHER J T MD	756-4456	
17★	GREEN WALTER H MD	992-3555	
63★	HIGASHI JIMMIE MD	992-1920	2
24★	JOHNSON RODNEY E	755-1400	
★	LAZARONI LABS	756-2000	8
15★	LEMER OSCAR DDS	756-3820	
14★	LEWIS THOS D DR	755-5358	
02★	MARCUS SANFORD A MD	756-8020	
04★	MENZEL ELFREDA CPA	755-0914	
43★	NOE ANDRE MD	755-3200	8
10★	ONEIL W ROBT DR	755-7750	
49★	PENIX JACK L JR DDS	755-2585	5
63★	PORPORATO R J DDS	756-5800	8
59★	PORTER JOEL MD	756-2020	5
45★	RIBA GEO J L MD	755-3833	
10★	ROTH HARRY L MD	992-1920	
13★	SCHNEIDER R MD	992-5062	
13★	SCIARONI C A MD	992-5062	
20★	SHANLEY F D MD	755-9233	
30★	SMITH ALICE K	992-0100	
53★	TERRIS CHAS Z MD	755-1531	
24★	THOMPSON B L DDS	755-8650	8
17★	TORKELSON HAROLD MD	755-8121	4
06★	TREZISE WM MD	992-3555	
37★	VILLASIN R C DMD	756-6211	7
30★	WESTLAKE PHYS THRPY	992-0100	
05★	WHARTON DAVID P DDS	755-2900	4
24★	WILSON J GWYNNE MD	755-2080	5
01★	YAMAMOTO KENNETH MD	755-1531	8
49★	YOUNG WILLIAM E	755-2585	6
48			
52★	COMPTONS GENE CORP	992-1860	9
★	WESTLAKE COFFEE SHP	992-5110	
61	COUNTRY CLUB APTS		
4	BEATTIE B J	994-7859	6
25	DEUCHAR MARGARET V	992-8448	7
1	FORD ZOE	755-6540	4
	GASPER JOYCE M	994-4473	9
2	GEREN SUE E MRS	992-6596	
	GOLD S	994-3671	9
15	HILL JEMAL	992-5528	7
16	HO KA MING	994-1068	8
	JOHNSON MATHEW	994-5227	9
	KERNEY D L	756-0091	9

Target Street	Cross Street	Source
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PARK PLAZA DR 1980

PARK PLAZA DR		94015 CONT	
12	LATORELLA LUIGI	756-5845	
9	LAX GAYLE	994-2658	4
	MOITOZA S M	756-0091	9
10	PETERSON FRANK-MRS	756-2328	2
	RODRIGUEZ LESTER	994-5684	9
	YODA LUIS	994-9457	9
61			
81	.....COUNTRY CLUB APTS		
	BECKER HERMAN	992-6950	9
25	CASASSA ADOLPH C	756-5867	
19	CASTILLON WILFREDO	755-1905	6
6	CHAMBARD W G	756-7256	8
5	FARMER RICHARD E	992-7287	4
	GUTIERREZ FELIPE	994-4695	9
	HAUTEA SHARON	755-4865	9
3	KIEP MAURICE M	755-7135	
1	MINOT Z H MRS	755-2517	
15	PATTERSON RICHARD D	992-8598	
	PAULUS JOSEPH V	994-0921	9
22	RILEY WM J	992-5265	
	STEPHEN ABRAHAM	994-9905	9
81			
121	.....COUNTRY CLUB APTS		
2	CAMPBELL ROBT	755-1191	8
15	COMEAUX DELORES	755-4528	8
	FAIL SANDRA E	991-1718	9
10	FENNER LAURA F	755-7627	7
11	GILMORE STUART C	755-1207	8
8	HARDJADIPARTA D	755-9150	8
	JOHNSON ANTHONY R	755-1819	9
9	MANLEY E L-MRS	755-5580	7
6	NOLD RICHARD L	755-5345	
14	PORTER W B	992-0582	
20	WILLIAMS ELLA M	994-7175	6
16	WINN RICHARD T	755-4104	4
121			
141	.....COUNTRY CLUB APTS		
4	ALFONSO ASUNCION	756-1072	6
	BALDOCCHI N	994-9866	9
18	CLARK YVONNE	992-6824	7
16	DEFANTI RAY	755-1417	3
	FIORUCCI J	994-5502	9
20	MICHAUD WILFRID	992-5319	8
	PARK YOUNG H	992-5380	9
9	PERRY R W	992-2482	7
11	REZAK WM S	994-2309	7
10	ROBISON BETTY	755-8436	4
141			

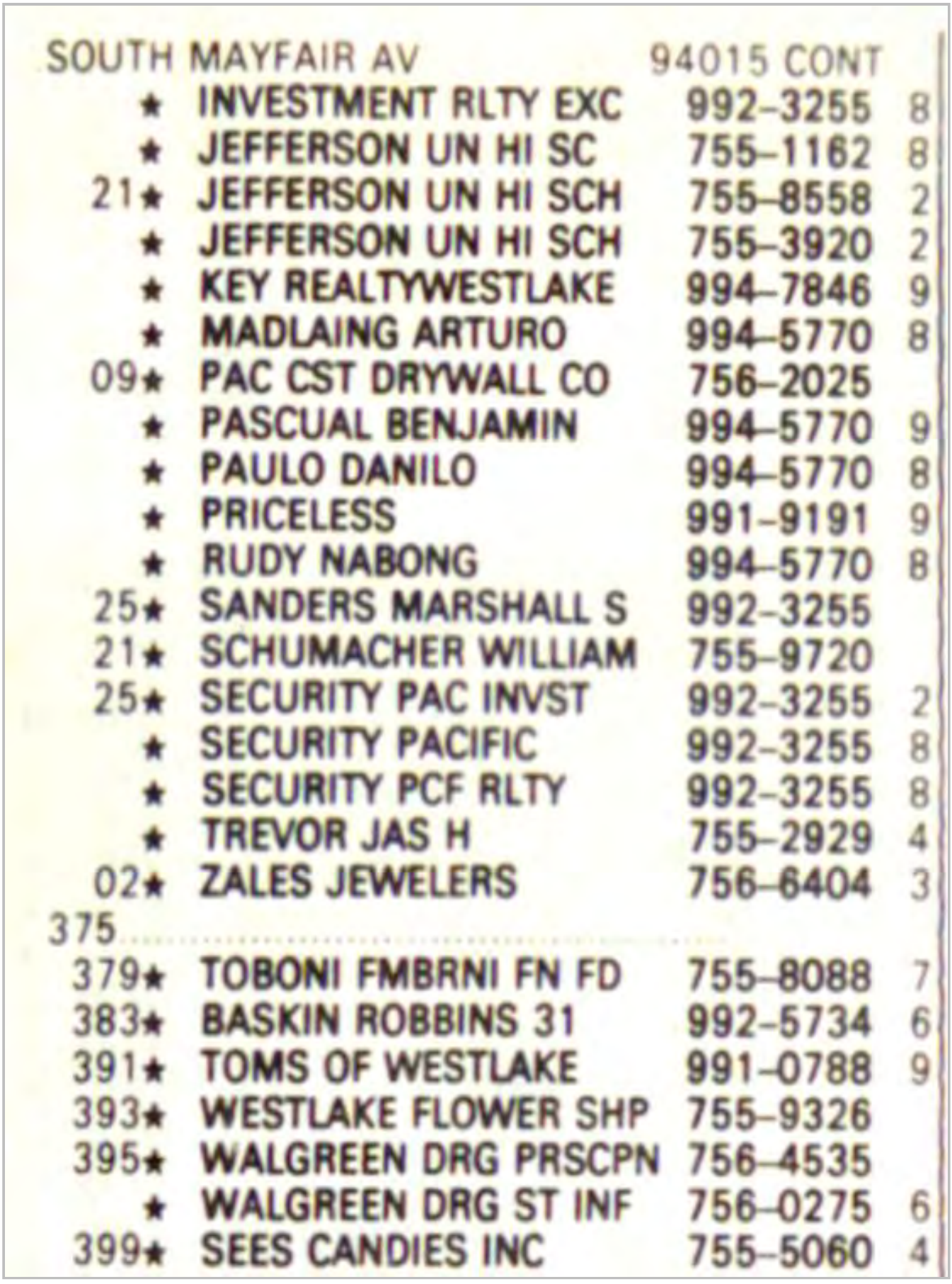
Target Street	Cross Street	Source
✓	-	Haines Criss-Cross Directory

S MAYFAIR AVE 1980

201	ERAKET ZUHEIR	994-1233	9
207	MURRAY PHILLIP E	992-9180	
219	ROXAS DEMETRIO	756-0608	9
251	GUTIERREZ ARNALCO	756-6919	9
257	GRENADIER ROSE	756-4974	
275	VARDALES MICHEL	994-5040	9
281	WALLACE TED	991-1587	9
293	FULLER DONEL	994-4368	9
301★	STPAUL TITLE CO	994-6625	9
307★	ZOLIES	755-4809	6
★	ZOLTAN RESRCES MNG	992-9475	6
309★	WESTLAKE LIQUORS	755-8900	
★	WESTLAKE LIQUORS	755-4900	
311★	SEYMOURS OF WSTLK	755-0288	
★	WESTLAKE PAINT&WLPR	755-0288	
319★	WESTLAKE LAUNDRY	755-4392	
321★	KELLYS SHOE SERVICE	755-5977	
329★	PARENTS WORLD CORP	755-5002	8
330★	WESTLAKE FRNCH CLNR	755-1700	
331★	JENKEL DAVIDSON CO	756-3442	9
332★	MINKIN LOUIS H DR	755-5434	
333★	KING N KINGDOM TOYS	756-6655	
★	NORMANS KINGDM TOYS	756-6655	
339★	VOLUME CASUAL SHOES	756-5999	8
★	VOLUME SHOE CORP	756-4871	9
341★	JOHNSONS TAMALE	755-1900	
349★	WESTLAKE ART GALLER	756-2622	8
359★	WESTLAKE TROPICALS	992-7271	5
365★	LORIES DRESS SHP	755-3472	9
371★	GEORGETTES WESTLAKE	755-8350	
★	WESTLAKE GEORGETTES	755-8350	
375.....	WESTLAKE SHPG CNTR		
30★	BELOTZ ALFRED O	755-4776	
★	BUSTOS MOISES	994-5770	9
13★	DAWSON E NORTON	755-2088	4
70★	ETCHEVERRY BERNARD	755-1411	
70★	ETCHEVERRY MARY H	755-1411	
★	EVICTIONEERS THE	755-1002	8
★	FAHRES WM JACK	755-9720	7
16★	FRIEDENBERG DAVID	755-6622	3
★	HILLSMAN INS AGCY	992-3255	9
★	HITCHCOCK W ATTY	755-1411	8
06★	HONRADO RUDY	994-5770	8
06★	HONRADO&ASSOCIATES	994-5770	8

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S MAYFAIR AVE 1980

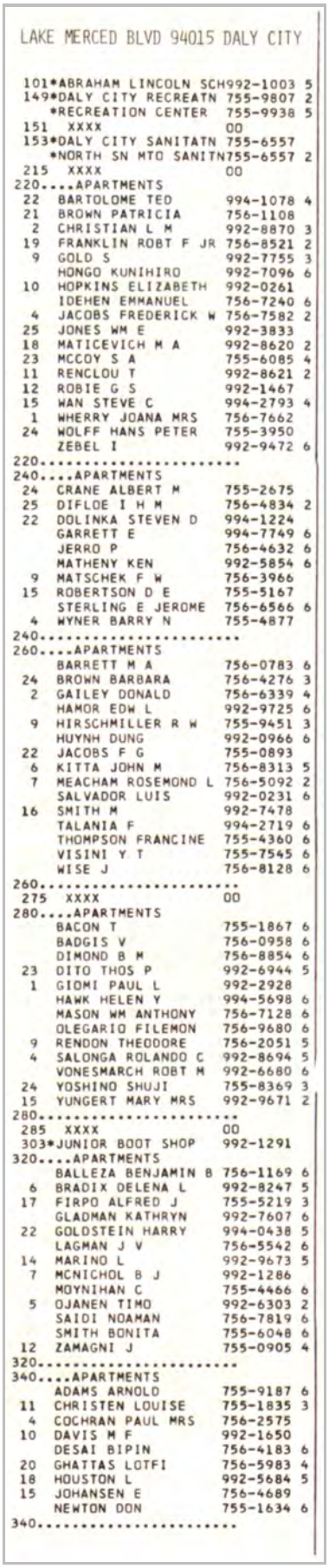


SOUTH MAYFAIR AV 94015 CONT

★	INVESTMENT RLTY EXC	992-3255	8
★	JEFFERSON UN HI SC	755-1162	8
21★	JEFFERSON UN HI SCH	755-8558	2
★	JEFFERSON UN HI SCH	755-3920	2
★	KEY REALTYWESTLAKE	994-7846	9
★	MADLAING ARTURO	994-5770	8
09★	PAC CST DRYWALL CO	756-2025	
★	PASCUAL BENJAMIN	994-5770	9
★	PAULO DANILO	994-5770	8
★	PRICELESS	991-9191	9
★	RUDY NABONG	994-5770	8
25★	SANDERS MARSHALL S	992-3255	
21★	SCHUMACHER WILLIAM	755-9720	
25★	SECURITY PAC INVST	992-3255	2
★	SECURITY PACIFIC	992-3255	8
★	SECURITY PCF RLTY	992-3255	8
★	TREVOR JAS H	755-2929	4
02★	ZALES JEWELERS	756-6404	3
375			
379★	TOBONI FMBRNI FN FD	755-8088	7
383★	BASKIN ROBBINS 31	992-5734	6
391★	TOMS OF WESTLAKE	991-0788	9
393★	WESTLAKE FLOWER SHP	755-9326	
395★	WALGREEN DRG PRSCPN	756-4535	
★	WALGREEN DRG ST INF	756-0275	6
399★	SEES CANDIES INC	755-5060	4

Target Street	Cross Street	Source
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LAKE MERCED BLVD 1977



LAKE MERCED BLVD 94015 DALY CITY

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 101*ABRAHAM LINCOLN SCH992-1003 5
 149*DALY CITY RECREATN 755-9807 2
    *RECREATION CENTER  755-9938 5
 151  XXXX              00
 153*DALY CITY SANITATN 755-6557
    *NORTH SN MTO SANITN755-6557 2
 215  XXXX              00
220....APARTMENTS
 22  BARTOLOME TED      994-1078 4
 21  BROWN PATRICIA     756-1108
  2  CHRISTIAN L M      992-8870 3
 19  FRANKLIN ROBT F JR 756-8521 2
  9  GOLD S             992-7755 3
     HONGO KUNIHIRO     992-7096 6
 10  HOPKINS ELIZABETH  992-0261
     IDEHEN EMMANUEL    756-7240 6
  4  JACOBS FREDERICK W 756-7582 2
 25  JONES WM E         992-3833
 18  MATICEVICH M A     992-8620 2
 23  MCCOY S A          755-6085 4
 11  RENCLOU T          992-8621 2
 12  ROBIE G S          992-1467
 15  WAN STEVE C        994-2793 4
  1  WHERRY JOANA MRS   756-7662
 24  WOLFF HANS PETER   755-3950
     ZEBEL I            992-9472 6
220.....................
240....APARTMENTS
 24  CRANE ALBERT M     755-2675
 25  DIFLOE I H M       756-4834 2
 22  DOLINKA STEVEN D   994-1224
     GARRETT E          994-7749 6
     JERRO P            756-4632 6
     MATHENY KEN        992-5854 6
  9  MATSCHEK F W       756-3966
 15  ROBERTSON D E      755-5167
     STERLING E JEROME  756-6566 6
  4  WYNER BARRY N      755-4877
240.....................
260....APARTMENTS
     BARRETT M A        756-0783 6
 24  BROWN BARBARA      756-4276 3
  2  GAILEY DONALD      756-6339 4
     HAMOR EDW L        992-9725 6
  9  HIRSCHMILLER R W   755-9451 3
     HUYNH DUNG         992-0966 6
 22  JACOBS F G         755-0893
  6  KITTA JOHN M       756-8313 5
  7  MEACHAM ROSEMOND L 756-5092 2
     SALVADOR LUIS      992-0231 6
 16  SMITH M            992-7478
     TALANIA F          994-2719 6
     THOMPSON FRANCINE  755-4360 6
     VISINI Y T         755-7545 6
     WISE J             756-8128 6
260.....................
 275  XXXX              00
280....APARTMENTS
     BACON T            755-1867 6
     BADGIS V           756-0958 6
     DIMOND B M         756-8854 6
 23  DITO THOS P        992-6944 5
  1  GIOMI PAUL L       992-2928
     HAWK HELEN Y       994-5698 6
     MASON WM ANTHONY   756-7128 6
     OLEGARIO FILEMON   756-9680 6
  9  RENDON THEODORE    756-2051 5
  4  SALONGA ROLANDO C  992-8694 5
     VONESMARCH ROBT M  992-6680 6
 24  YOSHINO SHUJI      755-8369 3
 15  YUNGERT MARY MRS   992-9671 2
280.....................
 285  XXXX              00
 303*JUNIOR BOOT SHOP   992-1291
320....APARTMENTS
     BALLEZA BENJAMIN B 756-1169 6
  6  BRADIX DELENA L    992-8247 5
 17  FIRPO ALFRED J     755-5219 3
     GLADMAN KATHRYN    992-7607 6
 22  GOLDSTEIN HARRY    994-0438 5
     LAGMAN J V         756-5542 6
 14  MARINO L           992-9673 5
  7  MCNICHOL B J       992-1286
     MOYNIHAN C         755-4466 6
  5  OJANEN TIMO        992-6303 2
     SAIDI NOAMAN       756-7819 6
     SMITH BONITA       755-6048 6
 12  ZAMAGNI J          755-0905 4
320.....................
340....APARTMENTS
     ADAMS ARNOLD       755-9187 6
 11  CHRISTEN LOUISE    755-1835 3
  4  COCHRAN PAUL MRS   756-2575
 10  DAVIS M F          992-1650
     DESAI BIPIN        756-4183 6
 20  GHATTAS LOTFI      756-5983 4
 18  HOUSTON L          992-5684 5
 15  JOHANSEN E         756-4689
     NEWTON DON         755-1634 6
340.....................
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Target Street	Cross Street	Source
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LAKE MERCED BLVD 1977

..LAKE MERCED BLVD 94015 CONT..

360....APARTMENTS

16	BURKE VEDA K	992-5043	
6	CALLAHAN EDW	756-3491	2
	GLOVER LARRY	994-7551	6
7	HAGERUD JEAN	994-3940	5
	JOWHARY A A	756-1582	6
15	KERN WM	756-7460	
16	LYONS C J	992-5043	
8	MALERSTEIN LEO	756-2710	5
21	PHIPPS EARL N	755-7245	
	WHEELER ANNE R	756-1248	6
14	WISE BETTY	992-5204	

360.....

380....APARTMENTS

	ARMSTRONG ED	994-6293	6
22	CALANDER JERRY	755-8402	3
5	CHAMBERLIN WM H MRS	756-0528	
20	HOHL JOHN	755-5045	
	MCKENNA TERRY	992-4254	6
16	MILLAR A H	992-2625	3
	NAKASHIMA STEVEN	755-9191	6
	RENO MICHAEL	755-3049	6
15	SUTHERLAND DAVID	992-1150	5
1	VERBOONEN OLIVER	756-0614	5
	VILLANEUVA I D	994-0996	6
21	WOLTER PAT C	756-2683	5
	YEE J A	756-1569	6

380.....

655....APARTMENTS

	ALDAPI JEANNETTE	756-2138	6
65	APPLEBAUM ROBT	994-1098	5
67	BRANDI RUTH F	755-7927	
	CHOY B	994-7185	6
100	GALVIN JOS R	992-6226	
	GOLDIE GEO	994-2780	6
54	HO CHAS L	992-7876	4
68	KRIZMAN LYNN L	992-8121	
	LANCASTER K	994-2864	6
60	LATHAM STELLA	992-5113	
60	LATHAM THOYD O	992-5113	
104	MANUS LEO	992-4946	5
25	MAST S M	992-7610	4
109	MCKEEVER P F	756-6643	5
59	MONDARES ROCKY	994-3988	5
	OLIVA PEGGY	756-7913	6
62	PENN JOHN E	756-6622	
107	SERRELS L M	992-3121	
	SPENCER WYNER JR	992-6208	6
	SPUHLER DONALD	992-8312	6
	STASSEN A S	755-1849	6
61	STEWART AGNES R	992-9162	2
	WATSON JOHN	994-7581	6

655.....

NO	**BARTELS HAMBURGERS	994-1122	5
NO	**JOES OF WESTLAKE	755-7400	

* 8 BUS 129 RES 0 NEW

Target Street	Cross Street	Source
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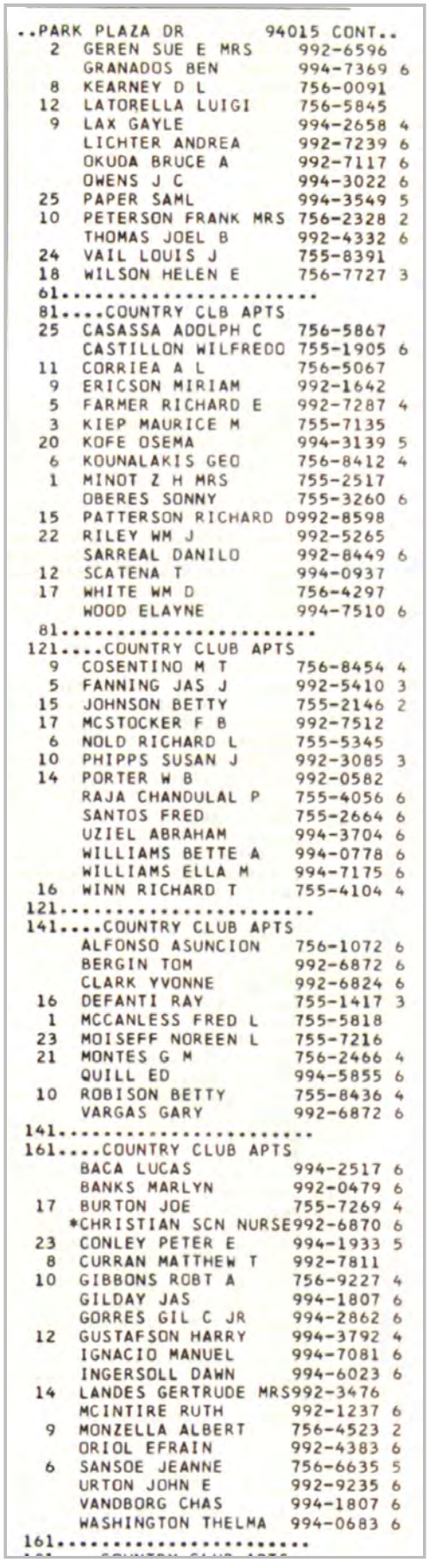
PARK PLAZA DR 1977

PARK PLAZA DR 94015 DALY CITY

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 10 BEGOVICH D V          756-7200
   *DANCO REAL ESTATE     756-7200 2
 21....COUNTRY CLB APTS
    ALLENDORF MICHAEL     756-5962 6
  8 CASSELL G             994-6397 5
 24 CEPERNICH H           755-6196 3
 12 GARDNER GENEVA G      992-5494
 11 MALONE SAML L MSGT    992-9193 3
  3 MARQUARDT MALO        756-0267 3
  2 MEZA LOUIS J          994-2153 2
  4 STEIGER S I           992-2442
 25 SWEETMAN BEN          992-3712 3
 25 SWEETMAN DOROTHY      992-3712 3
 23 TODD FLOYD A          992-2359
    WILSON F D            994-7675 6
 21.......................
 30*BENEFICIAL FINANCE    755-8164 3
 32  XXXX                 00
 34*PANORAMA TRAVEL SV    756-8740
 36*BRODIE WALTER F       755-7113
 38*GINAS HOUSE BEAUTY    756-0805 3
   *JINAS HOUSE BEAUTY    756-0805 3
 40  XXXX                 00
 41....COUNTRY CLB APTS
 22 BADGIS G              994-2370 5
    CHAMPION RETHA        992-7268 6
 17 CHARLES G             994-6041 4
  6 DAW MICHAEL E         755-6721
    DELANE WARREN         994-2065 6
    DEVITO GINO           755-8278 6
    DIZON FRANK           756-6730 6
 25 EATON ROBT H          992-0651
  3 GAERLAN PATRICK C     992-6811
  9 GENTIS LOU            992-7042 4
    MARTINEZ B            755-3127 6
  2 MITCHELL GEO T        992-7676 4
    PUDOFF SUSAN          756-4575 6
 16 SCHIMEK BESS          756-6299
    TAHMASSBI MOHAMMAD    756-2997 6
 10 WALDREN NORMAN E      755-2587
 18 WHEELER PAUL          756-6528 3
 41.......................
 42*PARK PLAZA BARBER     756-4333 3
 44*PORPORATO R J DDS     756-5800 2
 48....WESTLAKE MDCL DNTL
247 *BEARMAN MORTON MD    756-5150
250 *CHOPPELAS N G DR     755-7773 4
    *ERRICO FRANK DR DPM  755-7872
    *ERRICO JOSEPH R DR   755-7872 6
229 *FEENEY WM J MD       992-0463
323 *FISHER J T MD        756-4456
302 *FRASER PAUL S MD     756-4663
    *GREEN WALTER H MD    992-3555
    *HARRIS GERALD E MD   756-5150 3
210 *HIGASHI JIMMIE MD    992-1920 2
224 *JOHNSON RODNEY E     755-1400
    *KOLOTKIN MARVIN MD   756-5150 4
    *KUNDIN JACK E MD     755-2455 2
215 *LEMER OSCAR DDS      756-3820
314 *LEWIS THOS D DR      755-5358
202 *MARCUS SANFORD A MD  756-8020
304 *MENZEL ELFREDA CPA   755-0914
359 *MILLER WM W DR        756-6448
310 *ONEIL W ROBT DR       755-7750
    *PENIX JACK L JR DDS  755-2585 5
    *PORPORATO R J DDS    342-3316+7
359 *PORTER JOEL MD        756-2020 5
245 *RIBA GEO J L MD      755-3833
210 *ROTH HARRY L MD      992-1920
329 *RUDOLFF MARTIN H MD  755-7550
313 *SCHNEIDER F R MD     992-5062
220 *SHANLEY F D MD       755-9233
    *SILVERMAN ARTHUR     992-1978 5
330 *SMITH ALICE K        992-0100
    *TELFER ROBT B MD     755-2455 4
353 *TERRIS CHAS Z MD     755-1531
224 *THOMPSON B L DR      755-8650
317 *TORKELSON HAROLD MD  755-8121 4
306 *TREZISE WM MD        992-3555
343 *WEILL CHAS C MD      755-3200 2
203 *WERBIN JORGE MD      992-1978 5
205 *WHARTON DAVID P DDS  755-2900 4
324 *WILSON J GWYNNE MD   755-2080 5
 48.......................
 52  XXXX                 00
 61....COUNTRY CLB APTS
    BEATTIE B J           994-7859 6
 11 BIZZELL CLETA MARY    992-2741
  1 FORD ZOE              755-6540 4
 16 FORMAN ROBT           992-3147 3
```

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PARK PLAZA DR 1977



..PARK PLAZA DR 94015 CONT..
2 GEREN SUE E MRS 992-6596
GRANADOS BEN 994-7369 6
8 KEARNEY D L 756-0091
12 LATORELLA LUIGI 756-5845
9 LAX GAYLE 994-2658 4
LICHTER ANDREA 992-7239 6
OKUDA BRUCE A 992-7117 6
OWENS J C 994-3022 6
25 PAPER SAML 994-3549 5
10 PETERSON FRANK MRS 756-2328 2
THOMAS JOEL B 992-4332 6
24 VAIL LOUIS J 755-8391
18 WILSON HELEN E 756-7727 3
61.....
81....COUNTRY CLB APTS
25 CASASSA ADOLPH C 756-5867
CASTILLON WILFREDO 755-1905 6
11 CORRIEA A L 756-5067
9 ERICSON MIRIAM 992-1642
5 FARMER RICHARD E 992-7287 4
3 KIEP MAURICE M 755-7135
20 KOFE OSEMA 994-3139 5
6 KOUNALAKIS GEO 756-8412 4
1 MINOT Z H MRS 755-2517
OBERES SONNY 755-3260 6
15 PATTERSON RICHARD D992-8598
22 RILEY WM J 992-5265
SARREAL DANILO 992-8449 6
12 SCATENA T 994-0937
17 WHITE WM D 756-4297
WOOD ELAYNE 994-7510 6
81.....
121....COUNTRY CLUB APTS
9 COSENTINO M T 756-8454 4
5 FANNING JAS J 992-5410 3
15 JOHNSON BETTY 755-2146 2
17 MCSTOCKER F B 992-7512
6 NOLD RICHARD L 755-5345
10 PHIPPS SUSAN J 992-3085 3
14 PORTER W B 992-0582
RAJA CHANDULAL P 755-4056 6
SANTOS FRED 755-2664 6
UZIEL ABRAHAM 994-3704 6
WILLIAMS BETTE A 994-0778 6
WILLIAMS ELLA M 994-7175 6
16 WINN RICHARD T 755-4104 4
121.....
141....COUNTRY CLUB APTS
ALFONSO ASUNCION 756-1072 6
BERGIN TOM 992-6872 6
CLARK YVONNE 992-6824 6
16 DEFANTI RAY 755-1417 3
1 MCCANLESS FRED L 755-5818
23 MOISEFF NOREEN L 755-7216
21 MONTES G M 756-2466 4
QUILL ED 994-5855 6
10 ROBISON BETTY 755-8436 4
VARGAS GARY 992-6872 6
141.....
161....COUNTRY CLUB APTS
BACA LUCAS 994-2517 6
BANKS MARLYN 992-0479 6
17 BURTON JOE 755-7269 4
*CHRISTIAN SCN NURSE992-6870 6
23 CONLEY PETER E 994-1933 5
8 CURRAN MATTHEW T 992-7811
10 GIBBONS ROBT A 756-9227 4
GILDAY JAS 994-1807 6
GORRES GIL C JR 994-2862 6
12 GUSTAFSON HARRY 994-3792 4
IGNACIO MANUEL 994-7081 6
INGERSOLL DAWN 994-6023 6
14 LANDES GERTRUDE MRS992-3476
MCINTIRE RUTH 992-1237 6
9 MONZELLA ALBERT 756-4523 2
ORIOL EFRAIN 992-4383 6
6 SANSOE JEANNE 756-6635 5
URTON JOHN E 992-9235 6
VANDBORG CHAS 994-1807 6
WASHINGTON THELMA 994-0683 6
161.....

Target Street	Cross Street	Source
✓	-	Haines Criss-Cross Directory

S MAYFAIR AVE 1977

SOUTH MAYFAIR AV 94015 DALY CTY

111....APARTMENTS

15	BLIND PETER	994-3749	5
3	BOLAND ROBT J	994-3513	5
	BUSTILLOS F	992-7076	6
	EMBRY DAVID	756-8906	6
	KOEHLER SCOTT	994-6399	6
	MATOS FREDDY	755-7127	6
	PALTING JEANINE	992-4918	6
6	PERKINS MARGARET	994-0636	2
	PINKUS J	994-6940	6
	TORRES JOANN	756-1465	6
	TORRES RAFAEL	994-7772	6
	TRIANTOS NICK	755-1569	6

111.....

115	GARDINER E	994-0156	6
	JACOBSON GEO	994-7088	6
	RAYMUNDO BENITO	994-1832	6
19	ROSENBERG CELIA	994-1091	
119	BALLESTEROS SAL	756-3412	6
	WARD J	756-4690	6
146	FERRENTINO S	994-7609	6
195	ROKUKAWA JIRO	755-6573	6
231	ALTAMIRANO HENRY	994-2327	6
281	KRUG S	992-3809	6
307	*ZOLIES	755-4809	6
	*ZOLTAN RESRCES MNG	992-9475	6
327	XXXX	00	
375	*BALDWIN MUSIC CNTR	992-3500	6
	*LITTLE PRFSSR BKSTR	756-4030	6
	*LYNNS HALLMARK SHOP	994-3777	5
	*MR H LUGGAGE&LTHR	755-6222	6
383	*BASKIN ROBBINS 31	992-5734	6
463	HOEFT E A	755-4370	6
515	HUGHES D M	756-2627	6
519	LOWE RICHARD	756-4417	6
553	ZAMORA JORGE	755-0863	6
671	MCCARREN JOHN P	756-6276	6
697	FUHRMAN B A	994-3107	4
785	CAMARAO B M JR	994-1047	
813	JOSS H	756-8066	6
863	KING THEODORE J	994-1637	2
867	PORTUGAL ANITA W	756-5466	6
875	FRENCH MICHAEL C	994-3562	6
887	STRACK DUANE F	994-2147	2
901	LARRARTE LUIS	756-6581	6

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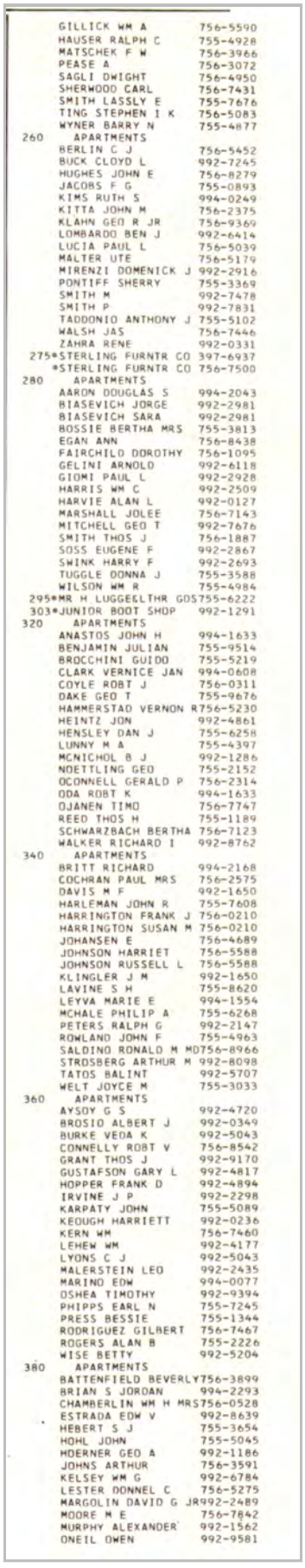
LAKE MERCED BLVD 1970

LAKE MERCED BLVD 94015 DALY CITY

101	*FERNANDO RIVERA SCH	992-1010
149	*WESTLAKE PARK	755-9807
151	*FIRE DEPT DALY CITY	992-1144
153	*BAYSHR SNTRY DSTRCT	755-4395
	*DALY CITY SANITATN	755-6557
	*N SN MATEO SANITATN	755-6557
215	*SEES CANDIES INC	755-5060
220	APARTMENTS	
	BROWN PATRICIA	756-1108
	CURTIS RICK G	755-6754
	DOUGLASS MARY KAY	992-5257
	FLORES L P	992-6932
	FRANKLIN ROBT F JR	756-8521
	HARLEY RUSSELL	994-0896
	HENDRICKS J E	756-8984
	HOPKINS WM C	992-0261
	HUTCHINGS CARMEN C	755-9081
	JONES WM E	992-3833
	KORMAN SAM	756-4159
	MALIK IBRAHIM	756-1835
	MORTARA ALBERT	756-9387
	ROBIE G S	992-1467
	RUHNKE VAL MRS	992-2570
	TRANT L G	992-5789
	VONESMARCH ROBT M	992-6680
	WOLFF HANS PETER	755-3950
240	APARTMENTS	
	BLEGGI JOS	756-7875
	CARRASCO RUTH MRS	756-4354
	COLLINS GEOFFREY M	992-5741
	CRANE ALBERT M	755-2675
	DIFLOE HELEN	756-4041
	DIXON CAROLINE	755-0225
	DOLINKA STEVEN D	994-1224
	DUGAN JOS B	756-7839

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GILLICK WM A 756-5590
HAUSER RALPH C 755-4928
MATSCHEK F W 756-3966
PEASE A 756-3072
SAGLI DWIGHT 756-4950
SHERWOOD CARL 756-7431
SMITH LASSLY E 755-7676
TING STEPHEN I K 756-5083
WYNER BARRY N 755-4877
260 APARTMENTS
BERLIN C J 756-5452
BUCK CLOYD L 992-7245
HUGHES JOHN E 756-8279
JACOBS F G 755-0893
KIMS RUTH S 994-0249
KITTA JOHN M 756-2375
KLAHN GEO R JR 756-9369
LOMBARDO BEN J 992-6414
LUCIA PAUL L 756-5039
MALTER UTE 756-5179
MIRENZI DOMENICK J 992-2916
PONTIFF SHERRY 755-3369
SMITH M 992-7478
SMITH P 992-7831
TADDONIO ANTHONY J 755-5102
WALSH JAS 756-7446
ZAHRA RENE 992-0331
275*STERLING FURNTR CO 397-6937
*STERLING FURNTR CO 756-7500
280 APARTMENTS
AARON DOUGLAS S 994-2043
BIASEVICH JORGE 992-2981
BIASEVICH SARA 992-2981
BOSSIE BERTHA MRS 755-3813
EGAN ANN 756-8438
FAIRCHILD DOROTHY 756-1095
GELINI ARNOLD 992-6118
GIOMI PAUL L 992-2928
HARRIS WM C 992-2509
HARVIE ALAN L 992-0127
MARSHALL JOLEE 756-7143
MITCHELL GEO T 992-7676
SMITH THOS J 756-1887
SOSS EUGENE F 992-2867
SWINK HARRY F 992-2693
TUGGLE DONNA J 755-3588
WILSON WM R 755-4984
295*MR H LUGGE&LTHR GDS 755-6222
303*JUNIOR BOOT SHOP 992-1291
320 APARTMENTS
ANASTOS JOHN H 994-1633
BENJAMIN JULIAN 755-9514
BROCCHINI GUIDO 755-5219
CLARK VERNICE JAN 994-0608
COYLE ROBT J 756-0311
DAKE GEO T 755-9676
HAMMERSTAD VERNON R 756-5230
HEINTZ JON 992-4861
HENSLEY DAN J 755-6258
LUNNY M A 755-4397
MCNICHOL B J 992-1286
NOETTLING GEO 755-2152
OCONNELL GERALD P 756-2314
ODA ROBT K 994-1633
OJANEN TIMO 756-7747
REED THOS H 755-1189
SCHWARZBACH BERTHA 756-7123
WALKER RICHARD I 992-8762
340 APARTMENTS
BRITT RICHARD 994-2168
COCHRAN PAUL MRS 756-2575
DAVIS M F 992-1650
HARLEMAN JOHN R 755-7608
HARRINGTON FRANK J 756-0210
HARRINGTON SUSAN M 756-0210
JOHANSEN E 756-4689
JOHNSON HARRIET 756-5588
JOHNSON RUSSELL L 756-5588
KLINGLER J M 992-1650
LAVINE S H 755-8620
LEYVA MARIE E 994-1554
MCHALE PHILIP A 755-6268
PETERS RALPH G 992-2147
ROWLAND JOHN F 755-4963
SALDINO RONALD M MD 756-8966
STROSBERG ARTHUR M 992-8098
TATOS BALINT 992-5707
WELT JOYCE M 755-3033
360 APARTMENTS
AYSOY G S 992-4720
BROSIO ALBERT J 992-0349
BURKE VEDA K 992-5043
CONNELLY ROBT V 756-8542
GRANT THOS J 992-9170
GUSTAFSON GARY L 992-4817
HOPPER FRANK D 992-4894
IRVINE J P 992-2298
KARPATY JOHN 755-5089
KEOUGH HARRIETT 992-0236
KERN WM 756-7460
LEHEW WM 992-4177
LYONS C J 992-5043
MALERSTEIN LEO 992-2435
MARINO EDW 994-0077
OSHEA TIMOTHY 992-9394
PHIPPS EARL N 755-7245
PRESS BESSIE 755-1344
RODRIGUEZ GILBERT 756-7467
ROGERS ALAN B 755-2226
WISE BETTY 992-5204
380 APARTMENTS
BATTENFIELD BEVERLY 756-3899
BRIAN S JORDAN 994-2293
CHAMBERLIN WM H MRS 756-0528
ESTRADA EDW V 992-8639
HEBERT S J 755-3654
HOHL JOHN 755-5045
HOERNER GEO A 992-1186
JOHNS ARTHUR 756-3591
KELSEY WM G 992-6784
LESTER DONNEL C 756-5275
MARGOLIN DAVID G JR 992-2489
MOORE M E 756-7842
MURPHY ALEXANDER 992-1562
ONEIL OWEN 992-9581

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LAKE MERCED BLVD 1970

	PERKINS MARTHALOU	S994-0386
	PERKINS ROD	994-0386
	ROGERS DAVID L	755-7532
	WALLACE DONALD	756-5999
	WALLACE THERESA R	756-5999
	WAYBRIGHT AGNES	992-0625
655	APARTMENTS	
	BEATTIE KAREN MRS	755-7324
	BRAINERD JEAN	755-8064
	BRYANT PAT	756-6724
	BRYANT STANLEY D	992-7094
	CARLOMAGNO E A JR	756-1591
	CHAIDEZ FRANK L	756-6932
	CRAFTON CHERYL	992-2111
	FASSLER JOAN A	756-5482
	FRANKLAND G A	756-3412
	GALVIN JOS R	992-6226
	GREEN HERBERT	992-1220
	KELLNER W L	992-2640
	KRIZMAN LYNN L	992-8121
	LATHAM STELLA	992-5113
	LATHAM THOYD O	992-5113
	LATHROP TERRY	994-0953
	LINEHAN RICHARD J	992-8721
	MCDONALD CATHY	992-2261
	MCDONALD DONNA	992-2261
	MCPARTLAND WM	756-0283
	PENN JOHN E	756-6622
	PINCUS STAN	992-3075
	RICHARDSON JAS L	992-6730
	SEMENZA KAREN	755-4053
	SERRELS L M	992-3121
	SOSSICH GREGORY	756-1350
	SPINNER LOUIS	992-3038
	SULLIVAN NORMAN V	755-4543
	SYMONDS PHIL	992-1962
NO	**A&W ROOT BEER BARTL	994-1122
NO	**JOES OF WESTLAKE	755-7400
NO	**WESTLAKE JOES	755-7400
NO	**WESTLAKE 66	755-8005
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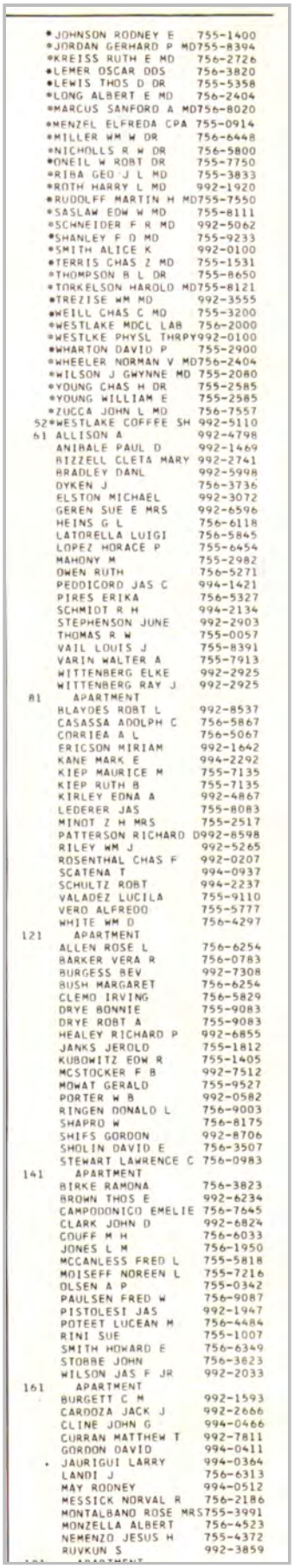
PARK PLAZA DR 1970

PARK PLAZA DR 94015 DALY CITY

10 BEGOVICH D V 756-7200
*DANCO REALTY 756-7200
21 APARTMENT
BASS JAS W 756-3958
BLACK HENRY G SR 992-5083
BRABEC RUSSELL R 992-3922
HASKELL PAUL 994-0145
MCMAHON EVELYN N P 994-0322
MILLER BETTY JANE 992-0085
PHILLIPS KATIE B 994-0468
ROSS STUART H 756-9386
SLATER CARROLL MRS 756-6578
STEIGER S I 922-2442
SWEETMAN BEN 992-3712
SWEETMAN DOROTHY 992-3712
TANZER D MRS 756-6291
TODD FLOYD A 992-2359
YOUSOUFIAN MARGARET 992-8944
30*AMPHLETT PRINTING 992-2262
*POST THE 992-2262
*SAN MATEO TIMES AMP 992-2262
*THE POST 992-2262
*THE TIMES 992-2262
*TIMES THE 992-2262
*WESTLAKE POST THE 992-2262
32*WESTLAKE VACUUM SV 755-9141
34*PANORAMA TRAVEL SV 756-8740
*WESTLAKE TRAVEL SV 756-8740
36*BRODIE WALTER F 755-7113
*WESTLAKE INS AGCY 755-7113
38*PARK PLAZA BTY SLN 755-8972
40*MORRIS PLN CO CALIF 992-2670
41 APARTMENT
BURGETT C L 992-2246
CHAMBERS CHAS E 756-4480
COOKSON FRANCIS J 992-7218
DAW MICHAEL E 755-6721
DRISCOLL KARYOL J 756-0793
EATON ROBT H 992-0651
ERICKSON LYNN W 992-8828
FINGER S 755-4118
GAERLAN PATRICK C 992-6811
HAVAS FRANK 992-3794
MILTON MARYAN B 756-7281
MILTON RAY E 756-7281
SCHIMEK BESS 756-6299
STOICK BARBARA 992-3573
TAN CHICO FLORA L A 992-5999
THOMAS HARRY A 756-8152
WACHTER MELVIN C 992-0375
WALDREN NORMAN E 755-2587
42*WESTLAKE BRBR SH 2 755-9961
44*WESTLAKE MDCL PHARM 756-1100
48 WESTLAKE MDCL DNTL
*BEARMAN MORTON MD 756-5150
*BENNETT D ROBT MD 756-6100
*COHN SAML MD 756-5150
*CONNOLLY JOHN M DR 756-1631
*CUNNINGHAM HOWARD R 755-1300
*DILL WALTER A DR 755-8650
*ERRICO FRANK A DR 755-7872
*FABER MYRON MD 756-5150
*FEENEY WM J MD 992-0463
*FISHER J T MD 756-4456
*FLANAGAN MICHAEL MD 756-0403
*FRANKLIN HAROLD MD 755-2645
*FRASER PAUL S MD 756-7557
*FUTORAN JACK M MD 756-2404
*GREEN WALTER H MD 992-3555
*GOLD JOHN H 756-3733
*HARTMAN J W MD 755-7800
*HERNING HOWARD F MD 756-0403
*JACOBITZ JAS D MD 992-1920

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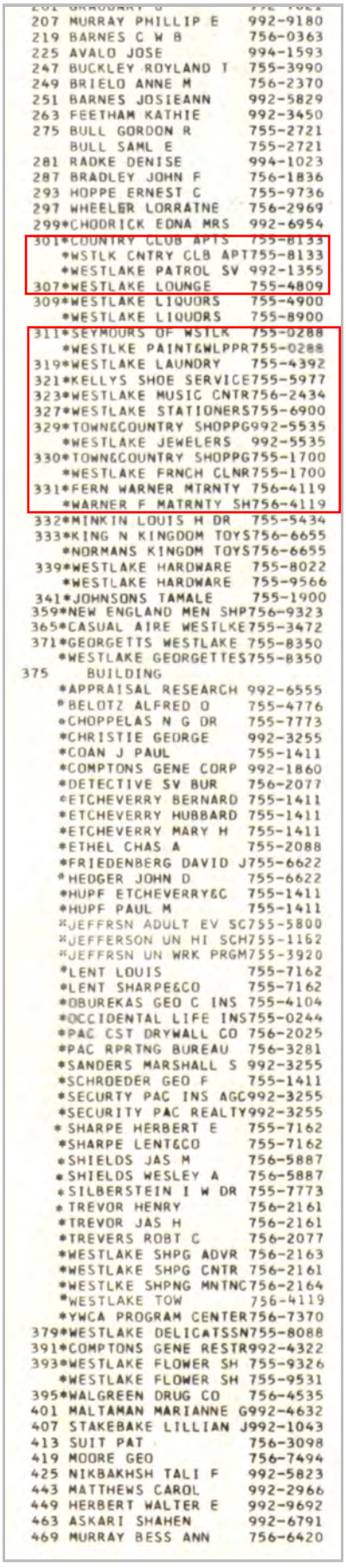
PARK PLAZA DR 1970



*JOHNSON RODNEY E 755-1400
*JORDAN GERHARD P MD755-8394
*KREISS RUTH E MD 756-2726
*LEMER OSCAR DDS 756-3820
*LEWIS THOS D DR 755-5358
*LONG ALBERT E MD 756-2404
*MARCUS SANFORD A MD756-8020
*MENZEL ELFREDA CPA 755-0914
*MILLER WM W DR 756-6448
*NICHOLLS R W DR 756-5800
*ONEIL W ROBT DR 755-7750
*RIBA GEO J L MD 755-3833
*ROTH HARRY L MD 992-1920
*RUDOLFF MARTIN H MD755-7550
*SASLAW EDW W MD 755-8111
*SCHNEIDER F R MD 992-5062
*SHANLEY F D MD 755-9233
*SMITH ALICE K 992-0100
*TERRIS CHAS Z MD 755-1531
*THOMPSON B L DR 755-8650
*TORKELSON HAROLD MD755-8121
*TREZISE WM MD 992-3555
*WEILL CHAS C MD 755-3200
*WESTLAKE MDCL LAB 756-2000
*WESTLKE PHYSL THRPY992-0100
*WHARTON DAVID P 755-2900
*WHEELER NORMAN V MD756-2404
*WILSON J GWYNNE MD 755-2080
*YOUNG CHAS H DR 755-2585
*YOUNG WILLIAM E 755-2585
*ZUCCA JOHN L MD 756-7557
52*WESTLAKE COFFEE SH 992-5110
61 ALLISON A 992-4798
ANIBALE PAUL D 992-1469
BIZZELL CLETA MARY 992-2741
BRADLEY DANL 992-5998
DYKEN J 756-3736
ELSTON MICHAEL 992-3072
GEREN SUE E MRS 992-6596
HEINS G L 756-6118
LATORELLA LUIGI 756-5845
LOPEZ HORACE P 755-6454
MAHONY M 755-2982
OWEN RUTH 756-5271
PEDDICORD JAS C 994-1421
PIRES ERIKA 756-5327
SCHMIDT R H 994-2134
STEPHENSON JUNE 992-2903
THOMAS R W 755-0057
VAIL LOUIS J 755-8391
VARIN WALTER A 755-7913
WITTENBERG ELKE 992-2925
WITTENBERG RAY J 992-2925
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BLAYDES ROBT L 992-8537
CASASSA ADOLPH C 756-5867
CORRIEA A L 756-5067
ERICSON MIRIAM 992-1642
KANE MARK E 994-2292
KIEP MAURICE M 755-7135
KIEP RUTH B 755-7135
KIRLEY EDNA A 992-4867
LEDERER JAS 755-8083
MINOT Z H MRS 755-2517
PATTERSON RICHARD D992-8598
RILEY WM J 992-5265
ROSENTHAL CHAS F 992-0207
SCATENA T 994-0937
SCHULTZ ROBT 994-2237
VALADEZ LUCILA 755-9110
VERO ALFREDO 755-5777
WHITE WM D 756-4297
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ALLEN ROSE L 756-6254
BARKER VERA R 756-0783
BURGESS BEV 992-7308
BUSH MARGARET 756-6254
CLEMO IRVING 756-5829
DRYE BONNIE 755-9083
DRYE ROBT A 755-9083
HEALEY RICHARD P 992-6855
JANKS JEROLD 755-1812
KUBOWITZ EDW R 755-1405
MCSTOCKER F B 992-7512
MOWAT GERALD 755-9527
PORTER W B 992-0582
RINGEN DONALD L 756-9003
SHAPRO W 756-8175
SHIFS GORDON 992-8706
SHOLIN DAVID E 756-3507
STEWART LAWRENCE C 756-0983
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BIRKE RAMONA 756-3823
BROWN THOS E 992-6234
CAMPODONICO EMELIE 756-7645
CLARK JOHN D 992-6824
COUFF M H 756-6033
JONES L M 756-1950
MCCANLESS FRED L 755-5818
MOISEFF NOREEN L 755-7216
OLSEN A P 755-0342
PAULSEN FRED W 756-9087
PISTOLESI JAS 992-1947
POTEET LUCEAN M 756-4484
RINI SUE 755-1007
SMITH HOWARD E 756-6349
STOBBE JOHN 756-3823
WILSON JAS F JR 992-2033
161 APARTMENT
BURGETT C M 992-1593
CARDOZA JACK J 992-2666
CLINE JOHN G 994-0466
CURRAN MATTHEW T 992-7811
GORDON DAVID 994-0411
JAURIGUI LARRY 994-0364
LANDI J 756-6313
MAY RODNEY 994-0512
MESSICK NORVAL R 756-2186
MONTALBANO ROSE MRS755-3991
MONZELLA ALBERT 756-4523
NEMENZO JESUS H 755-4372
RUVKUN S 992-3859

Target Street	Cross Street	Source
✓	-	Haines Criss-Cross Directory

S MAYFAIR AVE 1970



```
207 MURRAY PHILLIP E    992-9180
219 BARNES C W B        756-0363
225 AVALO JOSE          994-1593
247 BUCKLEY ROYLAND T   755-3990
249 BRIELO ANNE M       756-2370
251 BARNES JOSIEANN     992-5829
263 FEETHAM KATHIE      992-3450
275 BULL GORDON R       755-2721
    BULL SAML E         755-2721
281 RADKE DENISE        994-1023
287 BRADLEY JOHN F      756-1836
293 HOPPE ERNEST C      755-9736
297 WHEELER LORRAINE    756-2969
299*CHODRICK EDNA MRS    992-6954
301*COUNTRY CLUB APTS    755-8133
   *WSTLK CNTRY CLB APT755-8133
   *WESTLAKE PATROL SV  992-1355
307*WESTLAKE LOUNGE     755-4809
309*WESTLAKE LIQUORS    755-4900
   *WESTLAKE LIQUORS    755-8900
311*SEYMOURS OF WSTLK   755-0288
   *WESTLKE PAINT&WLPPR755-0288
319*WESTLAKE LAUNDRY    755-4392
321*KELLYS SHOE SERVICE755-5977
323*WESTLAKE MUSIC CNTR756-2434
327*WESTLAKE STATIONERS755-6900
329*TOWN&COUNTRY SHOPPG992-5535
   *WESTLAKE JEWELERS   992-5535
330*TOWN&COUNTRY SHOPPG755-1700
   *WESTLAKE FRNCH CLNR755-1700
331*FERN WARNER MTRNTY 756-4119
   *WARNER F MATRNTY SH756-4119
332*MINKIN LOUIS H DR   755-5434
333*KING N KINGDOM TOYS756-6655
   *NORMANS KINGDM TOYS756-6655
339*WESTLAKE HARDWARE   755-8022
   *WESTLAKE HARDWARE   755-9566
341*JOHNSONS TAMALE     755-1900
359*NEW ENGLAND MEN SHP756-9323
365*CASUAL AIRE WESTLKE755-3472
371*GEORGETTS WESTLAKE 755-8350
   *WESTLAKE GEORGETTES755-8350
375    BUILDING
   *APPRAISAL RESEARCH 992-6555
   *BELOTZ ALFRED O     755-4776
   *CHOPPELAS N G DR    755-7773
   *CHRISTIE GEORGE     992-3255
   *COAN J PAUL         755-1411
   *COMPTONS GENE CORP  992-1860
   *DETECTIVE SV BUR    756-2077
   *ETCHEVERRY BERNARD  755-1411
   *ETCHEVERRY HUBBARD  755-1411
   *ETCHEVERRY MARY H   755-1411
   *ETHEL CHAS A        755-2088
   *FRIEDENBERG DAVID J755-6622
   *HEDGER JOHN D       755-6622
   *HUPF ETCHEVERRY&C   755-1411
   *HUPF PAUL M         755-1411
   *JEFFRSN ADULT EV SC755-5800
   *JEFFERSON UN HI SCH755-1162
   *JEFFRSN UN WRK PRGM755-3920
   *LENT LOUIS          755-7162
   *LENT SHARPE&CO      755-7162
   *OBUREKAS GEO C INS  755-4104
   *OCCIDENTAL LIFE INS755-0244
   *PAC CST DRYWALL CO  756-2025
   *PAC RPRTNG BUREAU   756-3281
   *SANDERS MARSHALL S  992-3255
   *SCHROEDER GEO F     755-1411
   *SECURTY PAC INS AGC992-3255
   *SECURITY PAC REALTY992-3255
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   *SHARPE LENT&CO      755-7162
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   *WESTLAKE SHPG CNTR  756-2161
   *WESTLKE SHPNG MNTNC756-2164
   *WESTLAKE TOW        756-4119
   *YWCA PROGRAM CENTER756-7370
379*WESTLAKE DELICATSSN755-8088
391*COMPTONS GENE RESTR992-4322
393*WESTLAKE FLOWER SH 755-9326
   *WESTLAKE FLOWER SH  755-9531
395*WALGREEN DRUG CO    756-4535
401 MALTAMAN MARIANNE G992-4632
407 STAKEBAKE LILLIAN J992-1043
413 SUIT PAT           756-3098
419 MOORE GEO          756-7494
425 NIKBAKHSH TALI F   992-5823
443 MATTHEWS CAROL     992-2966
449 HERBERT WALTER E   992-9692
463 ASKARI SHAHEN      992-6791
469 MURRAY BESS ANN    756-6420
```

APPENDIX H

Site Photographs



Photograph 1:
Looking east across southern boundary of the Property.



Photograph 2:
Looking north along the western boundary of the Property from the southwestern corner.



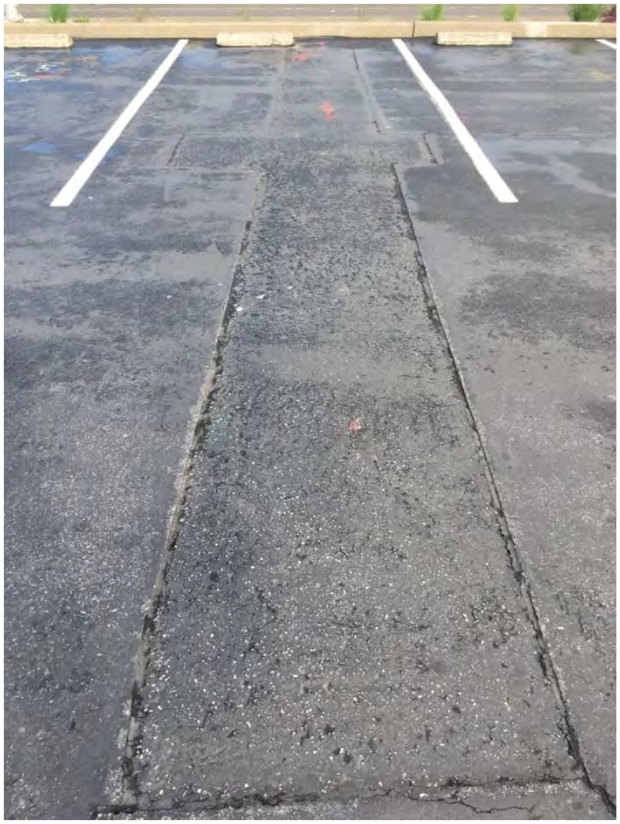
Photograph 3:
Outside Sprint looking at south to surrounding facilities.



Photograph 4:
Outside Spring looking west at surrounding facilities.



Photograph 5:
Example former boring at northern boundary of the Property.



Photograph 6:
Example of previous excavation for utility oriented north-to-south, looking towards the northern boundary of the Property.



Photograph 7:
Label on 55-gallon drum in the northeastern corner of the Property.



Photograph 8:
Twelve 55-gallon drums in the northeastern corner of the Property.



Photograph 8:
From the northeastern corner of the Property looking along its eastern boundary.



Photograph 9:
From the northeastern corner of the Property looking north at surrounding residential properties.



Photograph 9:
Example of sewer access along the north side of Building M



Photograph 10:
Looking from the north along the east side of Buildings M and L.



Photograph 11:
Looking to the west at surrounding properties.



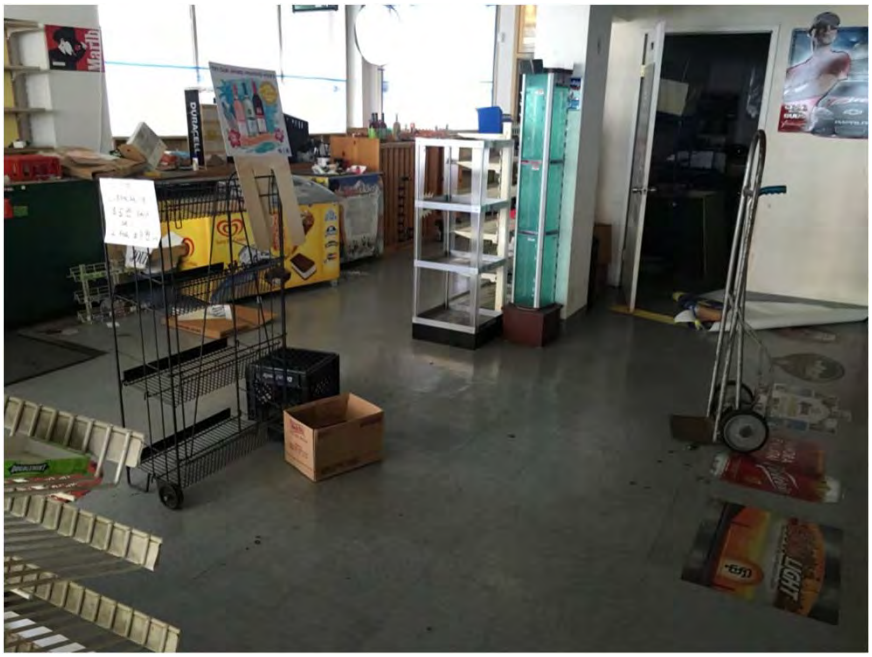
Photograph 12:
The southern of two monitoring wells along the eastern boundary of the Property.



Photograph 13:
Looking to the north at the SVE piping along the ceiling along the eastern Property boundary.



Photograph 14:
Sampling points for the two southern SVE wells.



Photograph 15:
Vacant, former liquor store at 46 Park Plaza Ave in Building L.



Photograph 16:
Example of hair product storage in Structure Hair Design.



Photograph 17:
Inside Westlake Shoe Repair, Building L.



Photograph 18:
Inside of Pulido's Tailor, Building L.



Photograph 19:
Sign inside Pulido's Tailor, Building L



Photograph 20:
Inside Red Wing Shoes, Building M



Photograph 21:
Overhead SVE piping entering passageway between Buildings M and L.



Photograph 22:
Two 55-gallon drums containing grease in passageway and behind Broaster's Chicken



Photograph 23:
Inside passageway between Buildings M and L, east of T Mobile. Two GAC containers in blue sit to the east and two SVE wells sit to the west. The wooden board covers a pit that was dug for sewer repairs.



Photograph 24:
South of the two SVE wells and GAC containers sits the SVE blower.



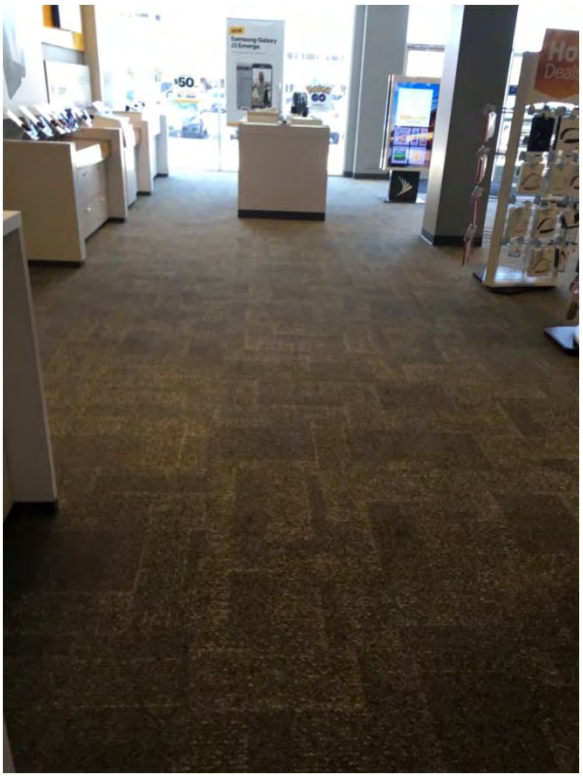
Photograph 25:
SVE piping from the four outside wells, entering the blower.



Photograph 26:
Looking south across the rooftop of Building M towards the Westlake Medical Center s on floors 2 and 3 of Building L.



Photograph 27:
Transformer on the roof of Building M.



Photograph 28:
Inside of Sprint Store, Building L.



Photograph 29:
Utility meters for Building L



Photograph 30:
Drum below elevator shaft in Building L. The drum contains hydraulic oil for the elevator.



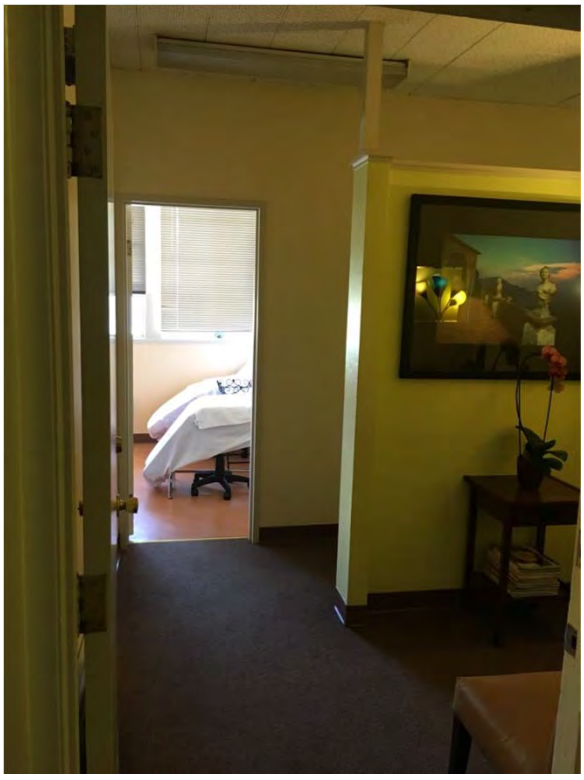
Photograph 31:
Inside the elevator shaft of Building L.



Photograph 32:
Typical vacuum and water filtration system within dental office of the Westlake Medical Center, Building L.



Photograph 33:
Vacant, former medical/dental office within the Westlake Medical Center, Building L.



Photograph 34:
Typical medical office within the Westlake Medical Center, Building L.

APPENDIX I

GeoTracker Documents

SOIL VAPOR EXTRACTION PERFORMANCE REPORT
Former Westlake French Dry Cleaners Site
247 Westlake Center
Daly City, California 94015

Prepared For:

Kimco Westlake, L.P.
1621 B South Melrose Drive
Vista, California 92081

Prepared By:

Northgate Environmental Management, Inc.
428 13th Street, 4th Floor
Oakland, California 94612

March 15, 2016

Project No. 1241.03

Soil Vapor Extraction Performance Report

Former Westlake French Dry Cleaners Site
247 Westlake Center
Daly City, California 94015

March 15, 2016

Prepared For:

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1621 B South Melrose Drive
Vista, California 92081

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Northgate Environmental Management, Inc.
428 13th Street, 4th Floor
Oakland, California 94612

Derrick S. Willis
Principal

Axel Rieke, P.E. #71407
Associate Engineer

1241.03

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2 PCE Mass Removal Estimates

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7 PCE Mass Removal vs. Time, Cumulative PCE Mass Removed

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A SVE O&M Forms
B Laboratory Analytical Results

LIST OF ABBREVIATIONS

BAAQMD	Bay Area Air Quality Management District
bgs	below ground surface
CFM	cubic-foot-per-minute
DTSC	California Department of Toxic Substances Control
ESL	Environmental Screening Levels
GPP	San Mateo County Groundwater Protection Program
$\mu g/m^3$	micrograms per cubic meter
µg/l	micrograms per liter
OM&M	Operation, Monitoring & Maintenance
PCE	Tetrachloroethene
PID	Photoionization Detector
ppm_v	parts per million by volume
PTO	Permit to Operate
QC	Quality Control
RAO	Remedial Action Objective
RWQCB	San Francisco Bay Regional Water Quality Control Board
SCF	Standard cubic feet
SVE	Soil Vapor Extraction
U.S. EPA	United States Environmental Protection Agency
VEW	Vapor Extraction Well
VMP	Vapor Monitoring Probe
VOC	Volatile Organic Compound

1.0 INTRODUCTION

Northgate Environmental Management, Inc. (Northgate) has prepared this Soil Vapor Extraction (SVE) Performance Report on behalf of Kimco Westlake, L.P (Kimco), to summarize the results of sampling and analysis during the over six-months operation of the SVE treatment system at the Former Westlake French Dry Cleaners Site, located at 247 Westlake Center, Daly City, California (the Site, Figures 1 and 2), occurring between June 2014 and July 2014, and August 2015 to current (March 2015).

On September 20, 2012, the San Mateo County Department of Environmental Health Groundwater Protection Program (GPP) approved Northgate's *Soil Vapor Extraction Work Plan* (Work Plan; Northgate, 2012a) and *SVE Work Plan Addendum* (Northgate 2012b) for the installation, testing, and operation of an SVE system designed for removing tetrachloroethene (PCE) present in the subsurface at the Site. On August 13, 2015, Northgate submitted a *Soil Vapor Extraction Startup Report* (SVE Startup Report; Northgate, 2015) documenting installation and startup of the SVE system, and which recommended operating the SVE system for a six month duration. In its September 10, 2015 letter (GPP, 2015), the GPP concurred with the proposed schedule and requested submittal of this remedial progress report by March 15, 2016.

1.1 Scope and Objective of Soil Vapor Extraction (SVE)

The overall objective of the SVE program is to protect human health and the environment by achieving reduction of VOC subsurface concentrations that meet Remedial Action Objectives (RAOs) identified in the Work Plan (Northgate, 2012a), thereby minimizing risk of migration to indoor air of the overlying retail buildings or to groundwater.

To meet these objectives, the scope of the SVE system operation also includes implementation of an operation, maintenance, and monitoring (OM&M) program, which 1) ensures proper system operation and performance (Northgate, 2012a), and 2) evaluates extraction rates and beneficial shut-down of the system after six month of operation (GPP, 2015).. OM&M of the SVE system consists of periodic field inspections, taking field measurements of extracted air flowrates and volatile organic compound (VOC) concentrations, and collection of soil vapor samples for laboratory analysis to quantify VOC concentrations in and extracted from the subsurface. The planned duration for SVE system operation was six months.

1.2 Report Organization

Section 1 provides an introduction, purpose and scope of the SVE system operation. Section 2 provides a brief background on the Site. Section 3 provides a summary of the OM&M program for the last six months of SVE system operation. Section 4 describes conclusions based on monitoring results. Section 5 provides recommendations for shut-down of the system. References are cited in Section 6.

2.0 BACKGROUND

2.1 Site Description

The Site is an approximately 3,280-square-foot tenant space within the Westlake retail shopping complex. The shopping center is bounded by offsite residential homes approximately 70 feet east of the former dry cleaners (along Park Plaza Drive) and by commercial tenant space and parking areas to the north, south, and west of the Site (Figure 2).

2.2 Site History

The space in which the former dry cleaning business operated from 1955 until June 2009 was 2,300 square feet. The space was then expanded in 2009 to 3,280 square feet and is currently occupied by a T-Mobile retail store.

Subsurface investigations conducted at the Site between 2002 and 2011, identified the presence of the dry cleaning solvent PCE in soil vapor at concentrations that exceeded Environmental Screening Levels (ESLs) established by the San Francisco Bay California Regional Water Quality Control Board (RWQCB) for commercial exposure (RWQCB, 2008). (ADR Environmental Group, Inc. [ADR], 2002a and 2002b; Kleinfelder, 2002; Treadwell and Rollo [T&R], 2009 and 2011) No VOCs, including PCE, have been detected in groundwater, encountered at a depth up to 78.6 feet below ground surface (bgs) at the Site, indicating that contamination is limited to the subsurface soil and soil vapor only (Kleinfelder, 2002; T&R, 2011).

Following installation and initial startup in June 2014, the SVE system ran for a total of 25 days until it was shut down on July 28, 2014 because of noise complaints by the commercial tenant whose wall abuts the treatment system enclosure area (Northgate, 2015). After protracted negotiations between property management and the tenant, the system was restarted in August 12, 2015 and has been operating continuously since that time.

3.0 OPERATION, MAINTENANCE, AND MONITORING SUMMARY

3.1 SVE System Description

In June 2014, an SVE system was installed at the Site in general conformance with the approved Work Plan (Northgate, 2012a) and as described in the SVE Startup Report (Northgate, 2015). The SVE system includes a treatment system, six vapor extraction wells (VEWs) and a network of soil vapor monitoring wells and probes. The treatment system consists of a positive displacement blower, a water knock-out drum, and two 1,000-pound vapor-phase carbon adsorption vessels. The VEWs are grouped into three nested well pairs, designated VEW-1A/1B, VEW-2A/2B, and VEW-3A/3B. Four nested vapor monitoring probes located at VMP-1 at depths of 10, 30, 50 and 60 feet bgs were installed between VEW-2A/2B and VEW-3A/3B to provide additional vacuum/concentration performance information. One previously installed subslab probe (TR-7) is located below the concrete floor of the former dry cleaning building. A site plan showing the locations of the extraction wells and monitoring wells and probes is included on Figure 3.

3.2 System Operations

The SVE system was restarted on August 12, 2015 after noise complaints were resolved, and was tested and operated on August 12, 19, 27, and 29 for a total of six hours. Following this testing, on the afternoon of September 3, 2015, the SVE system began continuous daily 24-hour operation for six months as originally recommended in the Work Plan (Northgate, 2012a). In accordance with the Work Plan, an OM&M program was implemented for the duration of system operation. The system ran continuously for a total of 167 days from September 3, 2015, to March 15, 2016. Extraction was conducted by operating a single well at a time. The SVE system dilution valve was closed at all times to induce maximum vacuum to each extraction well using full blower capacity and the valves to each of the operated extraction wells was 100% open allowing for maximum flow from each well. The extraction schedule and measured vapor flowrate for each well was as follows:

VEW-1A (147 to 221 CFM):

- August 12, 2015 and August 19, 2015
- September 3, 2015 to September 9, 2015
- September 16, 2015 to September 24, 2015
- September 30, 2015 to October 8, 2015
- October 23, 2015 to November 4, 2015
- November 12, 2015 to February 17, 2016

VEW-2A (196 CFM):

- August 27, 2015 and August 29, 2015
- September 3, 2015
- October 8, 2015 to October 15, 2015

VEW-3A (160 to 196 CFM):

- September 9, 2015 to September 16, 2015
- September 24, 2015 to September 30, 2015
- October 15, 2015 to October 23, 2015
- November 4, 2015 to November 12, 2015

Following SVE system restart, the treatment system influent and effluent were monitored at least once per month in compliance with the requirements of the Bay Area Air Quality Management District (BAAQMD) Permit to Operate (PTO). A MiniRAE 3000 photoionization detector (PID) was used to measure total VOC concentrations in parts per million by volume (ppm_v) at the influent, midpoint (between the two vessels), and effluent of the carbon adsorption vessels. The PID instrument was calibrated in accordance with manufacturer's recommendations using a 100-ppm_v concentration of isobutylene calibration gas.

The maximum VOC concentration in the carbon (system) influent samples was 2.7 ppm_v. The maximum carbon midpoint and effluent readings were 0.1 ppm_v at a flowrate of 196 CFM, indicating that the system was in compliance with the BAAQMD PTO effluent limitation of 3.77 pounds of PCE discharged to the atmosphere per year (average of 0.0103 pounds per day [lbs/day]) which corresponds to a maximum allowable 0.41 ppm_v at the above system flow rate.

A summary of the field measurements collected during system operation, including BAAQMD monitoring, are included on the SVE O&M forms in Appendix A.

OM&M of the SVE system included periodic field inspections, taking field measurements of extracted air flow rates and VOC concentrations, collecting soil vapor samples for laboratory analysis to quantify VOC concentrations in the subsurface and draining water collected in the knock-out drum. Inspection and field measurements were performed on a weekly basis for the first month to re-establish normal operating parameters, and then monthly thereafter for the duration of system operation.

Soil vapor samples were collected on monthly a basis from VEW-1A/B, VEW-2A/B, and VEW-3A/B, and once every three months from VMP-1-10/30/50/60 and TR-7. Soil vapor samples were collected by TEG Northern California, Inc. (TEG), a mobile laboratory, and analyzed onsite for VOCs by United States Environmental Protection Agency (EPA) Method 8260B. Soil vapor sampling has been and will continue to be performed pursuant to the

Advisory - Active Soil Gas Investigations (California Department of Toxic Substances Control [DTSC], 2015). The amount of vacuum applied to each well during operation was based on the expected corresponding extraction flow rate and the soil vapor VOC concentration, which together determine the VOC removal rate.

3.3 Soil Vapor Sampling and Analysis

In accordance with the schedule outlined in the Work Plan (Northgate, 2012a), Northgate initiated OM&M sampling on October 14, 2015, by temporarily shutting down the SVE system and collecting soil vapor samples from the vapor extraction wells VEW-1A/B, VEW-2A/B, and VEW-3A/B. Consistent with the Work Plan schedule, soil vapor samples were also collected on a monthly basis from the VEWs on November 12, 2015, December 10, 2015, January 26, 2016, and February 17, 2016. Soil vapor samples were also collected from soil vapor monitoring points VMP-1 (at 10, 30, 50, and 60 feet bgs), and from the subslab probe (TR-7) on November 12, 2015, and February 17, 2016.

OM&M vapor sampling and analysis was conducted by TEG for each VEW, the four probes comprising VMP-1, and subslab probe TR-7 on the dates listed above. Six primary and one duplicate soil vapor samples were collected on October 14, 2015, December 10, 2015, and January 26, 2016, from VEW-1A/B, VEW-2A/B, and VEW-3A/B. Eleven primary and one duplicate soil vapor samples were collected on November 12, 2015, and February 17, 2016, from wells or sampling points VEW-1A/1B, VEW-2A/2B, VEW-3A/3B, VMP-1-10/30/50/60, and TR-7. All samples were collected by TEG using DTSC protocols as described in the SVE Startup Report (Northgate, 2015).

Prior to sample collection, each VEW and monitoring point was purged three purge volumes according to DTSC protocols using the SVE system blower, vacuum pump, or syringe.

During sample collection, a leak-check gas was used to confirm that the sample conveyance was tight and leak free. Soil vapor was withdrawn from the inert tubing using a calibrated syringe connected via an on-off valve. Soil vapor samples were transferred directly to TEG's onsite mobile laboratory and immediately analyzed for VOCs by U.S. EPA Method 8260B. Equipment calibration and decontamination procedures were the same as described in the SVE Startup Report (Northgate, 2015).

Daily calibration was performed at the start of each day by injecting and analyzing a calibration standard appropriate for the target compounds. Depending on the compound, the calibration curve must agree within +/- 15% to 25% of the calibration standard compound.

The internal inert tubing and sampling syringes were flushed with large volumes of ambient air between samples or discarded and replaced with new tubing if any material or water was observed.

3.4 Soil Vapor Sampling Analytical Results

Analytical results for the OM&M sampling program are summarized in Table 1. Similar to the previous sampling prior to re-starting the SVE system, the primary chemical present in soil vapor is PCE during the last six-month operation; no other VOCs were detected above the laboratory detection limits.

In 2014 baseline PCE concentrations ranged from 1,400 micrograms per cubic meter (µg/m^3) (VMP-1-30) to 9,300 µg/m^3 (VEW-1B), except for sampling location TR-7, which is located at a depth of just 0.5 feet bgs beneath the floor slab. The PCE concentration at this location was 430 µg/m^3 (Northgate, 2015).

Current (February 2016) PCE concentrations are below the laboratory detection limit of 100 µg/m^3 for sampling location TR-7 and VMP-1-10, as well as for all VEWs except for VEW-1B and VEW-2B where PCE was detected at a concentration of 130 µg/m^3 and 330 µg/m^3, respectively. PCE concentrations for VMP-1-30 and VMP-1-60 are 940 µg/m^3 and 410 µg/m^3 respectively. Current PCE concentrations are summarized on Table 1 and shown on Figure 3. Concentrations versus time graphs are shown on Figures 4, 5, and 6. Copies of laboratory reports and chain of custody forms are included in Appendix B.

3.5 Quality Control Results and Quality Assurance Review

Northgate performed a review of the October 14, November 12, and December 10, 2015, and January 26 and February 17, 2016 quality control (QC) results for the soil vapor samples collected during the approximately six-month SVE system operation. The QC results include surrogate recoveries, syringe blanks, laboratory data and duplicate samples. All QC results were within laboratory control limits. The relative percent difference for each field duplicate sample was within an acceptable range per DTSC guidance (DTSC, 2015). Between October 14 and November 12, 2015, 1,1-difluoroethane was used as a leak detection compound. On December 10, 2015 and January 26 and February 17, 2016, isopropyl alcohol was used for leak detection testing. The above leak-detection compounds were not detected in any of the samples above the laboratory reporting limit. Based on the above QC results, the analytical results are acceptable (DTSC, 2015).

3.6 Estimated Soil Vapor and Mass Removal Rates

A summary of average system flow rates, total time of system operation, and the total volume of soil vapor extracted during the 2014 to 2016 operational period are presented in Table 2. As discussed in Section 3.2, the SVE system extracted vapors from three wells during its 167-day operation from September 3, 2015 to February 17, 2016: VEW-1A (131 days), VEW-2A (7 days), and VEW-3A (29 days). The total volume of soil vapor extracted from each well during the six-month SVE operational period is estimated below, based on the total number of days vapor extraction was conducted at each well and the average extraction flow rate as provided on the daily SVE Operations and Maintenance forms included in Appendix A:

- VEW-1A: The vapor extraction rate ranged from 172 to 221 CFM, with an average of approximately 197 CFM. This average flow rate yields over 241,700 standard cubic feet per day (SCF/day), or over 31.6 million cubic feet over the 131-day operational period;
- VEW-2A: The average vapor extraction rate was 196 CFM. This flow rate yields over 239.900 SCF/day, or almost 1.7 million SCF over the seven-day operational period; and
- VEW-3A: The vapor extraction rate ranged from 160 to 196 CFM, with an average of approximately 179 CFM. This average flow rate yields over 219.7 SCF/day, or almost 6.4 SCF over the 29-day operational period.

Based on the above individual flow contributions, the volume of soil vapor extracted during the SVE system six-month operational period following restart is over 39.5 million SCF. The total volume of soil vapor extracted since June, 2014 is estimated to be approximately 44.9 million SCF.

PCE mass removal rate was estimated from the baseline and OM&M analytical PCE concentrations and average flow rates. The analytical concentrations were averaged between sampling events at each well to provide a rough-order-of-magnitude estimates for PCE mass removal. The average concentration for the time period (as shown in Table 2) was multiplied by the average daily flow rate of the operating well, with appropriate conversion factors to calculate the estimated lbs/day removal rate of PCE. Flow rates are included on the SVE Operation and Maintenance field reports in Appendix A. The average flow rate and average PCE concentration for each operating VEW, as well as the resulting estimated rough-order-of-magnitude PCE mass removal rate for each well, are summarized in Table 2.

The SVE system has removed approximately 1.4 pounds of PCE over the 167-day operational period following restart in September 2015, yielding a mass removal rate of approximately 0.01 lbs/day. Based on individual mass removal rates, the total mass of PCE removed from the subsurface since the system was started in June, 2014 is approximately 3.7 lbs. Figure 7 shows the cumulative PCE mass removal versus time since the system initially started in June, 2014.

4.0 CONCLUSIONS

The following conclusions can be drawn from the six-month SVE system operation:

- VOC mass removal rates have stabilized at approximately 0.002 lbs/day for SVE operation focusing on well VEW-1A; and
- PCE concentrations in subslab and soil gas have reached asymptotic levels below ESLs.

Northgate evaluated the analytical results by comparing PCE concentration in samples collected during SVE operation to current ESLs. It should be noted that the RWQCB established combined ESLs for subslab and soil gas (Vapors ESLs[1]) on February 22, 2016. Current Vapors ESLs for subslab/soil gas include a residential exposure concentration of 240 µg/m^3 PCE, and a commercial exposure concentration of 2,100 µg/m^3 PCE. The above ESLs apply to PCE concentration below the building slab foundation and subsurface.

Analytical results for samples collected from extraction and monitoring points in the vicinity of the Site suggest that 1) PCE concentrations in soil vapor in the shallow subsurface (above 30 feet bgs including the subslab) have generally reached asymptotic levels below the Vapors ESLs for residential exposure and 2) PCE concentrations in soil vapor at the deeper subsurface (below 30 feet bgs) have generally reached asymptotic levels below the Vapors ESLs for commercial exposure. A comparison of analytical results and Vapor ESLs is provided on Table 1.

[1] ESLs for subslab vapor were not established until 2016. Previous reports compared PCE concentrations to calculated "Sub-Slab Screening Levels" that were based on residential and commercial Indoor Air ESLs.

5.0 RECOMMENDEDATIONS

Northgate recommends shut down of the SVE system for rebound testing in accordance with DTSC guidance (DTSC, 2010).

Rebound testing will be conducted to confirm whether PCE concentration reductions achieved by operation of the SVE system are sustainable and permanent. The proposed test consists of shutting down the SVE system operation for a two month period and monitoring the VOCs concentrations in soil vapor during that time in general accordance with the *Manual - Engineering and Design of Soil Vapor Extraction and Bioventing* (U.S. Army Corps of Engineers, 2002).

Soil vapor sampling will be performed immediately following shutdown and every month thereafter from existing vapor sampling points (VEW-1A/B; VEW-2A/B; VEW-3A/B; VMP-1-10,-30,-50, and -60; and TR-7). Soil vapor samples will be collected pursuant to the *Advisory - Active Soil Gas Investigations* (DTSC, 2015), placed in one-liter Summa™ canisters or syringe and analyzed at a fixed state-certified fixed laboratory using EPA Method TO-15 for VOCs or analyzed onsite for VOCs including PCE by a mobile lab using EPA Method 8260.

The data obtained under these conditions will be used to evaluate potential rebound effects. Following completion of the rebound testing, Northgate will prepare a Rebound Test Report and make recommendations regarding continued or completed SVE operation. If during rebound testing PCE is detected at or below ESLs at concentrations that are stable and not trending upwards beyond ESLs, then subsurface vapor concentrations likely will not rebound or increase in the future. The maximum practical remediation will have been achieved by the SVE and further operation will not reduce vapor concentrations in a meaningful way. At this point a permanent shutdown will be recommended.

The anticipated schedule for the rebound test is as follows:

- Week of April 18, 2016 – Shutdown of SVE system and collection of soil vapor samples;
- One month after shutdown – collection of soil vapor samples;
- Three months after shutdown – collection of soil vapor samples;
- Five months after shutdown (end of July 2016) – submit Rebound Test Report to GPP and make recommendations regarding continued or completed SVE operation.

6.0 REFERENCES

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TABLES

TABLE 1
Summary of Soil Vapor Sampling Results

Sample ID	Well Screen Interval (fbgs)	Date Sampled	Tetrachloroethene (PCE) Analytical Concentration ($\mu g/m^3$)	Comment
Samples collected at soil-vapor extraction wells:				
VEW-1A	5-30	6/16/14	**8,700**	Baseline Sample
VEW-1A	5-30	10/14/15	1,100	O&M Sample
VEW-1A	5-30	11/12/15	1,100	O&M Sample
VEW-1A	5-30	12/10/15	200	O&M Sample
VEW-1A-DUP	5-30	12/10/15	170	O&M Sample
VEW-1A	5-30	1/26/16	250	O&M Sample
VEW-1A	5-30	2/17/16	*<100*	O&M Sample
VEW-1B	35-65	6/16/14	**9,300**	Baseline Sample
VEW-1B	35-65	10/14/15	1,800	O&M Sample
VEW-1B	35-65	11/12/15	670	O&M Sample
VEW-1B	35-65	12/10/15	100	O&M Sample
VEW-1B	35-65	1/26/16	*<100*	O&M Sample
VEW-1B	35-65	2/17/16	130	O&M Sample
VEW-2A	5-30	6/16/14	**2,500**	Baseline Sample
VEW-2A	5-30	10/14/15	300	O&M Sample, well operated
VEW-2A	5-30	11/12/15	*<100*	O&M Sample
VEW-2A	5-30	12/10/15	*<100*	O&M Sample
VEW-2A	5-30	1/26/16	*<100*	O&M Sample
VEW-2A	5-30	2/17/16	*<100*	O&M Sample
VEW-2B	35-65	6/16/14	**4,000**	Baseline Sample
VEW-2B	35-65	10/14/15	1,300	O&M Sample
VEW-2B	35-65	11/12/15	1,400	O&M Sample
VEW-2B	35-65	12/10/15	1,500	O&M Sample
VEW-2B	35-65	1/26/16	1,000	O&M Sample
VEW-2B	35-65	2/17/16	330	O&M Sample
VEW-3A	5-30	6/16/14	**4,200**	Baseline Sample
VEW-3A	5-30	10/14/15	*130*	O&M Sample
VEW-3A	5-30	11/12/15	*<100*	O&M Sample, well operated
VEW-3A	5-30	12/10/15	*<100*	O&M Sample, well operated
VEW-3A	5-30	1/26/16	*<100*	O&M Sample, well operated
VEW-3A	5-30	2/17/16	*<100*	O&M Sample, well operated
VEW-3B	35-65	6/16/14	**2,700**	Baseline Sample
VEW-3B	35-65	10/14/15	500	O&M Sample
VEW-3B	35-65	11/12/15	550	O&M Sample
VEW-3B	35-65	12/10/15	*<100*	O&M Sample
VEW-3B	35-65	1/26/16	*<100*	O&M Sample
VEW-3B-DUP	35-65	1/26/16	*<100*	O&M Sample
VEW-3B	35-65	2/17/16	*<100*	O&M Sample

TABLE 1
Summary of Soil Vapor Sampling Results

Sample ID	Well Screen Interval (fbgs)	Date Sampled	Tetrachloroethene (PCE) Analytical Concentration ($\mu g/m^3$)	Comment
Samples collected at soil-vapor monitoring points :				
VMP-1-10	9.75-10.25	6/16/14	**2,300**	Baseline Sample
VMP-1-10	9.75-10.25	11/12/15	*<100*	O&M Sample
VMP-1-10	9.75-10.25	2/17/16	*<100*	O&M Sample
VMP-1-30	29.75-30.25	6/16/14	1,400	Baseline Sample
VMP-1-30	29.75-30.25	11/12/15	920	O&M Sample
VMP-1-30	29.75-30.25	2/17/16	940	O&M Sample
VMP-1-50	49.75-50.25	6/16/14	**8,600**	Baseline Sample
VMP-1-50-DUP	49.75-50.25	6/16/14	**8,300**	Baseline Sample
VMP-1-50	49.75-50.25	11/12/15	1,800	O&M Sample
VMP-1-50	49.75-50.25	2/17/16	200	O&M Sample
VMP-1-60	59.75-60.25	6/16/14	**3,900**	Baseline Sample
VMP-1-60	59.75-60.25	6/16/14	2,000	O&M Sample
VMP-1-60	59.75-60.25	11/12/15	2,000	O&M Sample
VMP-1-60-DUP	59.75-60.25	11/12/15	1,900	O&M Sample
VMP-1-60	59.75-60.25	2/17/16	410	O&M Sample
Sample collected at previously installed sub-slab monitoring probe:				
TR-7	0.5	6/16/14	**430**	Sub-slab monitoring point baseline sample
TR-7	0.5	11/12/15	**560**	Sub-slab monitoring point O&M sample
TR-7	0.5	2/17/16	*<100*	Sub-slab monitoring point O&M sample
TR-7-DUP	0.5	2/17/16	*<100*	Sub-slab monitoring point O&M sample
Subslab/Soil Gas Screening Level (Commercial)[1]			2,100	
Subslab/Soil Gas Screening Level (Residential)[1]			240	

Notes:

fbgs: feet below the ground surface

µg/m3: Micrograms per cubic meter

VEW = Vapor Extraction Well

VMP = Vapor Monitoring Point

1.) Environmental Screening Levels (ESLs) published by SFBRWQCB Region 2 (February 2016) ESL Summary Tables, Table SG-1.

TABLE 2
PCE Mass Removal Estimates

Soil Vapor Extraction			Operated Well Status						Total
Time Period of Operation	**Parameters**	**Units**	**VEW-1A**	**VEW-1B**	**VEW-2A**	**VEW-2B**	**VEW-3A**	**VEW-3B**	
Between 6/25/14 and 7/28/14	Avg. Flow	scfm	152	125	167	167	136	0	--
	Duration	hr	336	96	18	24	144	0	618
	Soil Vapor SCF	$ft^3 \times 10^3$	3067	722	180	240	1172	0	5,380
	Avg. Conc.	$\mu g/m^3$	8042	8651	2309	3766	3848	2509	--
	PCE Mass	lbs	1.54	0.39	0.03	0.06	0.28	0.00	2.29
Between 9/3/15 and 10/14/15	Avg. Flow	scfm	179	0	167	0	167	0	--
	Duration	hr	528	0	144	0	312	0	984
	Soil Vapor SCF	$ft^3 \times 10^3$	5680	0	1440	0	3119	0	10,239
	Avg. Conc.	$\mu g/m^3$	1742	2434	486	1528	474	686	--
	PCE Mass	lbs	0.62	0.00	0.04	0.00	0.09	0.00	0.75
Between 10/14/15 and 11/12/15	Avg. Flow	scfm	156	0	167	0	141	0	--
	Duration	hr	283	0	24	0	378	0	685
	Soil Vapor SCF	$ft^3 \times 10^3$	2656	0	240	0	3201	0	6,097
	Avg. Conc.	$\mu g/m^3$	1100	2750	175	1350	90	525	--
	PCE Mass	lbs	0.18	0.00	0.00	0.00	0.02	0.00	0.20
Between 11/12/15 and 12/10/15	Avg. Flow	scfm	167	0	0	0	0	0	--
	Duration	hr	666	0	0	0	0	0	666
	Soil Vapor SCF	$ft^3 \times 10^3$	6658	0	0	0	0	0	6,658
	Avg. Conc.	$\mu g/m^3$	643	1900	50	1450	50	300	--
	PCE Mass	lbs	0.27	0.00	0.00	0.00	0.00	0.00	0.27
Between 12/10/15 and 1/26/16	Avg. Flow	scfm	167	0	0	0	0	0	--
	Duration	hr	1128	0	0	0	0	0	1,128
	Soil Vapor SCF	$ft^3 \times 10^3$	11277	0	0	0	0	0	11,277
	Avg. Conc.	$\mu g/m^3$	218	75	50	1250	50	50	--
	PCE Mass	lbs	0.15	0.00	0.00	0.00	0.00	0.00	0.15
Between 1/26/16 and 2/17/16	Avg. Flow	scfm	167	0	0	0	0	0	--
	Duration	hr	528	0	0	0	0	0	528
	Soil Vapor SCF	$ft^3 \times 10^3$	5279	0	0	0	0	0	5,279
	Avg. Conc.	$\mu g/m^3$	150	50	50	665	50	50	--
	PCE Mass	lbs	0.05	0.00	0.00	0.00	0.00	0.00	0.05
Total Between 9/3/15 and 2/17/16	Avg. Flow	cfm	197	0	196	0	179	0	--
	Avg. Flow	scfm	168	0	167	0	153	0	487
	Duration	days	131	0	7	0	29	0	167
	SCF/day	$ft^3 x 10^3$/day	241.7	0	239.9	0	219.7	0	701
	Total SCF	$ft^3 \times 10^6$	31.7	0	1.7	0	6.4	0	39.7
Total hours between September 3, 2015 and February 17, 2016									3,991
Total Soil Vapor Extracted in million SCF ($ft^3 \times 10^6$) in between September 3, 2015 and February 17, 2016									39.5
Total PCE Mass (lbs) removed between September 3, 2015 and February 17, 2016									1.4
Total hours June 16, 2014 and February 17, 2016									4,609
Total Soil Vapor Extracted in million SCF ($ft^3 \times 10^6$) in between June 16, 2014 and February 17, 2016									44.9
Total PCE Mass (lbs) removed between June 16, 2014 and February 17, 2016									3.7

Notes:

PCE: Tetrachloroethene

lbs: pounds

hr: hours

ft^3x10^3: 1,000 cubic feet

ft^3x10^6: 1 Million cubic feet

scfm: standard cubic feet per minute

$\mu g/m^3$: Micrograms per cubic meter

PCE mass removal calculation based on average concentrations

FIGURES



FIGURE 1
Site Location Map

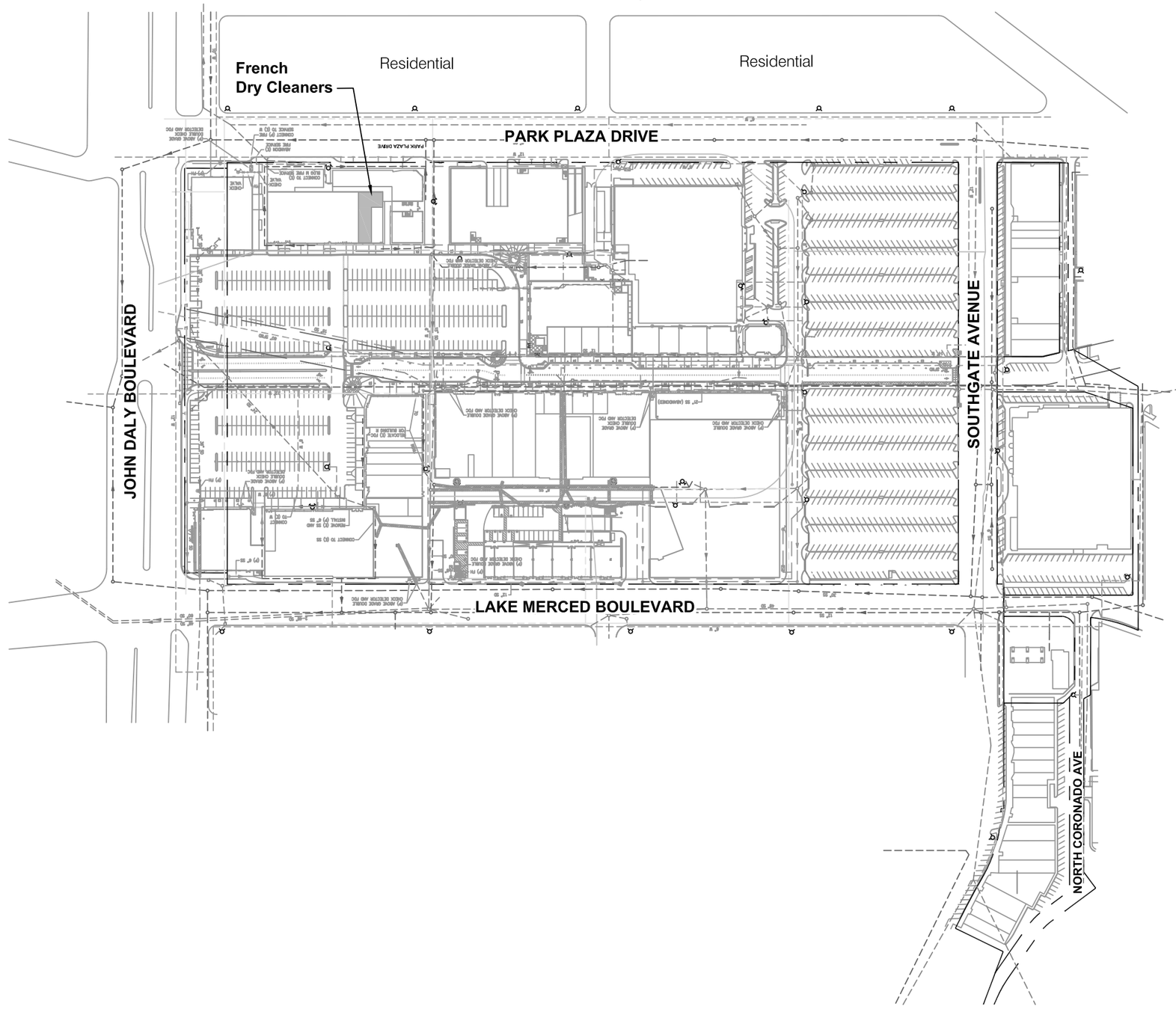
Former Westlake French Dry Cleaners
Daly City, California

Source: National Geographic USGS TOPO! 2000

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Project No. 1241.03

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Reference: Base map from a drawing titled "Westlake Shopping Center, Water, Sanitary Sewer and Storm Drainage Master Plan, Phase 3 Condition", by BKF, dated 07/16/04

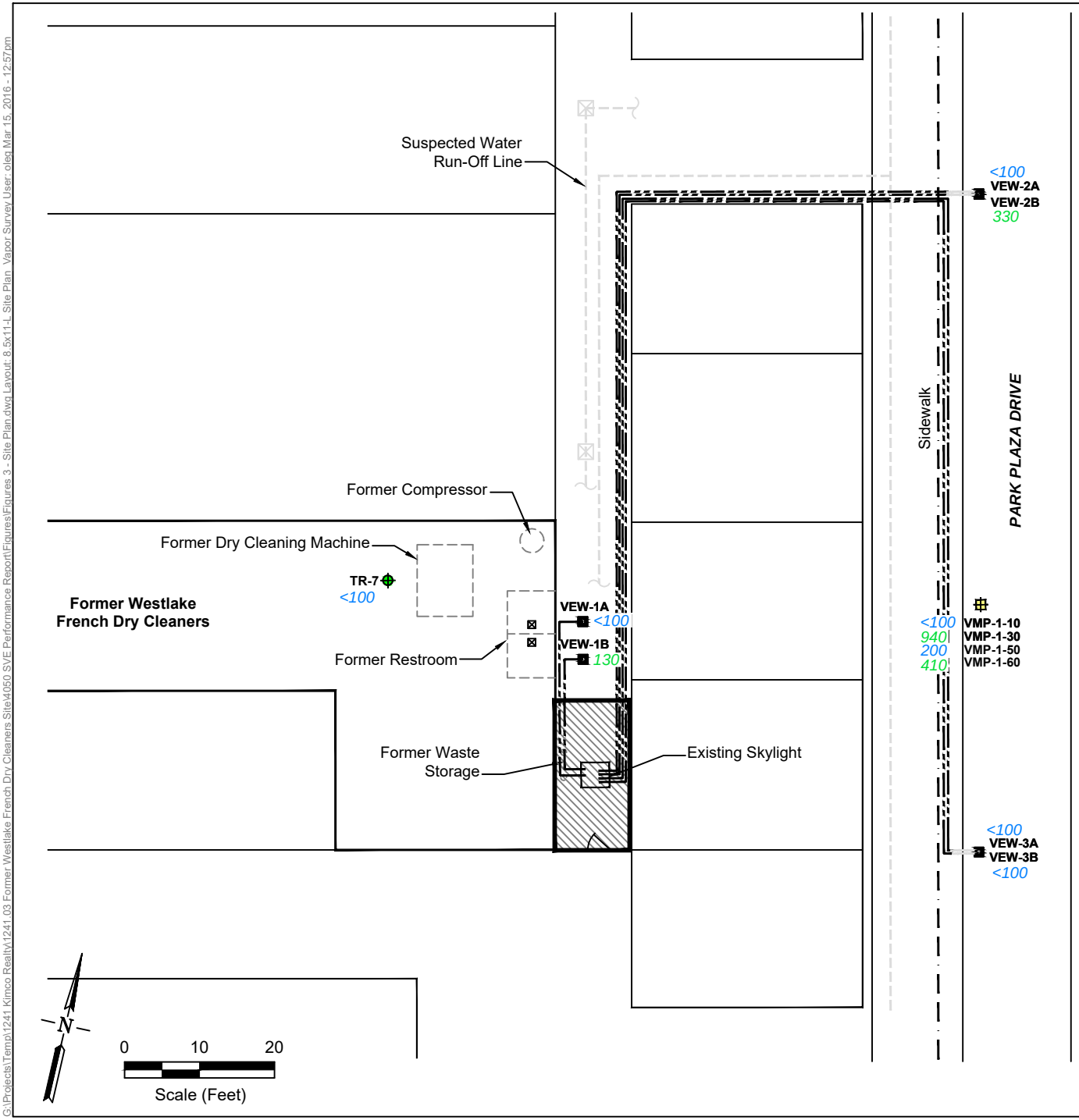
FIGURE 2
Site Vicinity Map

Former Westlake French Dry Cleaners
Daly City, California

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LEGEND:

- VEW-2 — Soil vapor extraction well (VEW), by Northgate, 2013
- VMP-1-10 — Multi-depth soil vapor monitoring probe (VMP), by Northgate, 2012
- TR-7 — Sub-Slab Monitoring Probe, by T&R, 2009
- Treatment system area
- Existing property line
- Existing sanitary sewer
- Aboveground Piping Connecting the SVE Wells to Treatment System
- Belowground Conveyance Piping
- Drain
- 200 — PCE Concentration in µg/m³, below residential ESL
- 940 — PCE Concentration in µg/m³, above residential ESL, below commercial ESL

Sample ID	Well Screen Interval (ftbgs)	Baseline Tetrachloroethene (PCE) Analytical Concentration (µg/m³)	Current Tetrachloroethene (PCE) Analytical Concentration (µg/m³)
		Baseline Sample Date	O&M Sample Date
		6/16/2014	2/17/2016
Samples collected at soil-vapor extraction wells:			
VEW-1A	5-30	8,700	199
VEW-1B	35-60	9,300	130
VEW-2A	5-30	2,500	199
VEW-2B	35-60	4,000	330
VEW-3A	5-30	4,200	199
VEW-3B	35-60	2,700	199
Samples collected at soil-vapor monitoring points:			
VMP-1-10	9.75-10.25	2,300	199
VMP-1-30	29.75-30.25	1,400	940
VMP-1-50	49.75-50.25	8,600	200
VMP-1-50-DUP	49.75-50.25	8,300	--
VMP-1-60	59.75-60.25	3,900	410
Sample collected at previously installed sub-slab monitoring probe:			
TR-7	0.5	450	199
TR-7-DUP	0.5	--	199

FIGURE 3
Site Plan

Former Westlake French Dry Cleaners
Daly City, California

northgate environmental management, inc.

Project No. 1241.03

G:\Projects\Temp\1241 Kimco Realty\1241.03 Former Westlake French Dry Cleaners Site\4050 SVE Performance Report\Figures\Figures 3 - Site Plan.dwg Layout: 8.5x11-L Site Plan Vapor Survey User: oleg Mar 15, 2016 - 12:57pm

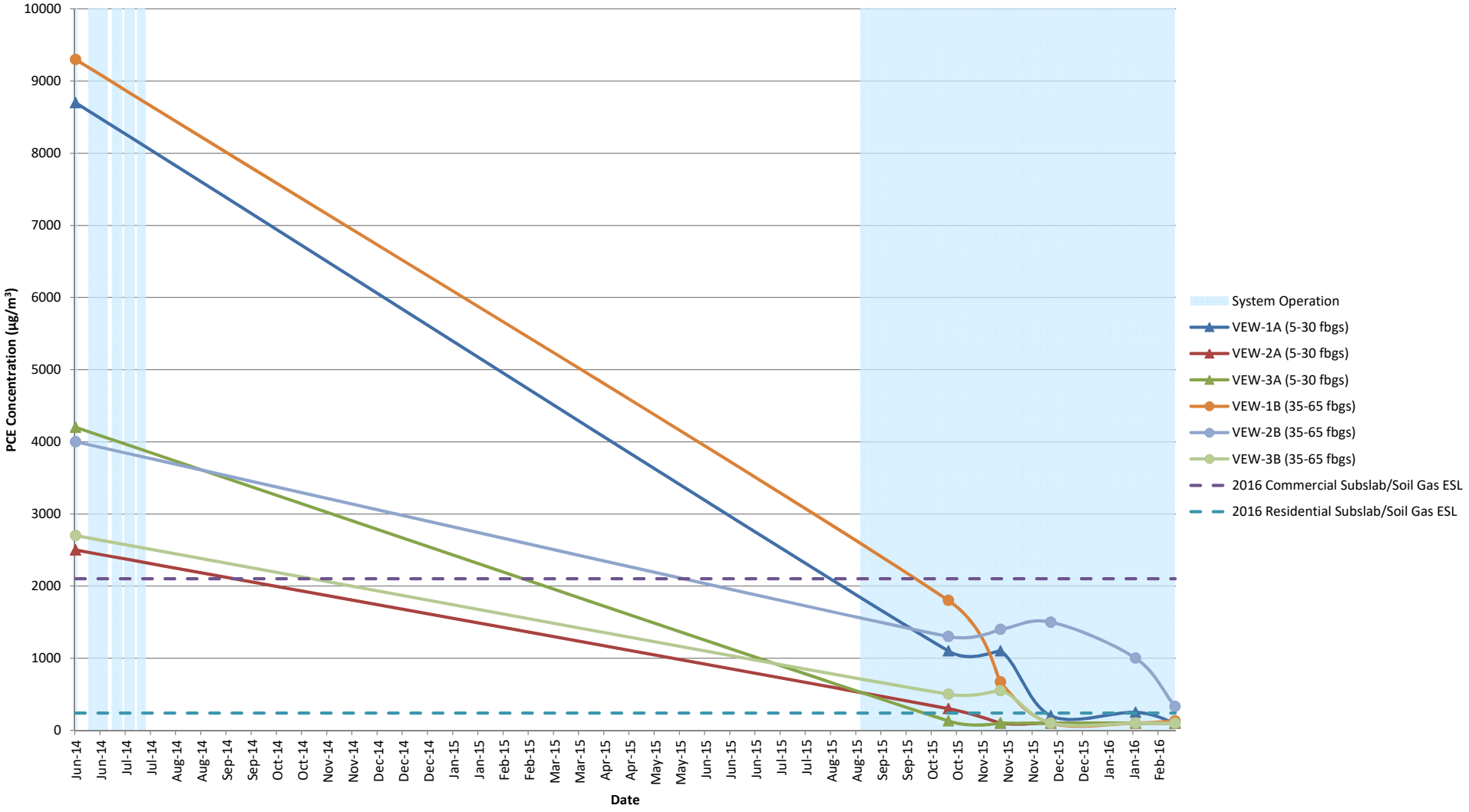


FIGURE 4
PCE Concentration vs. Time
Vapor Extraction Wells

SVE Performance Report
Former Westlake French Dry Cleaners
Daly City, California

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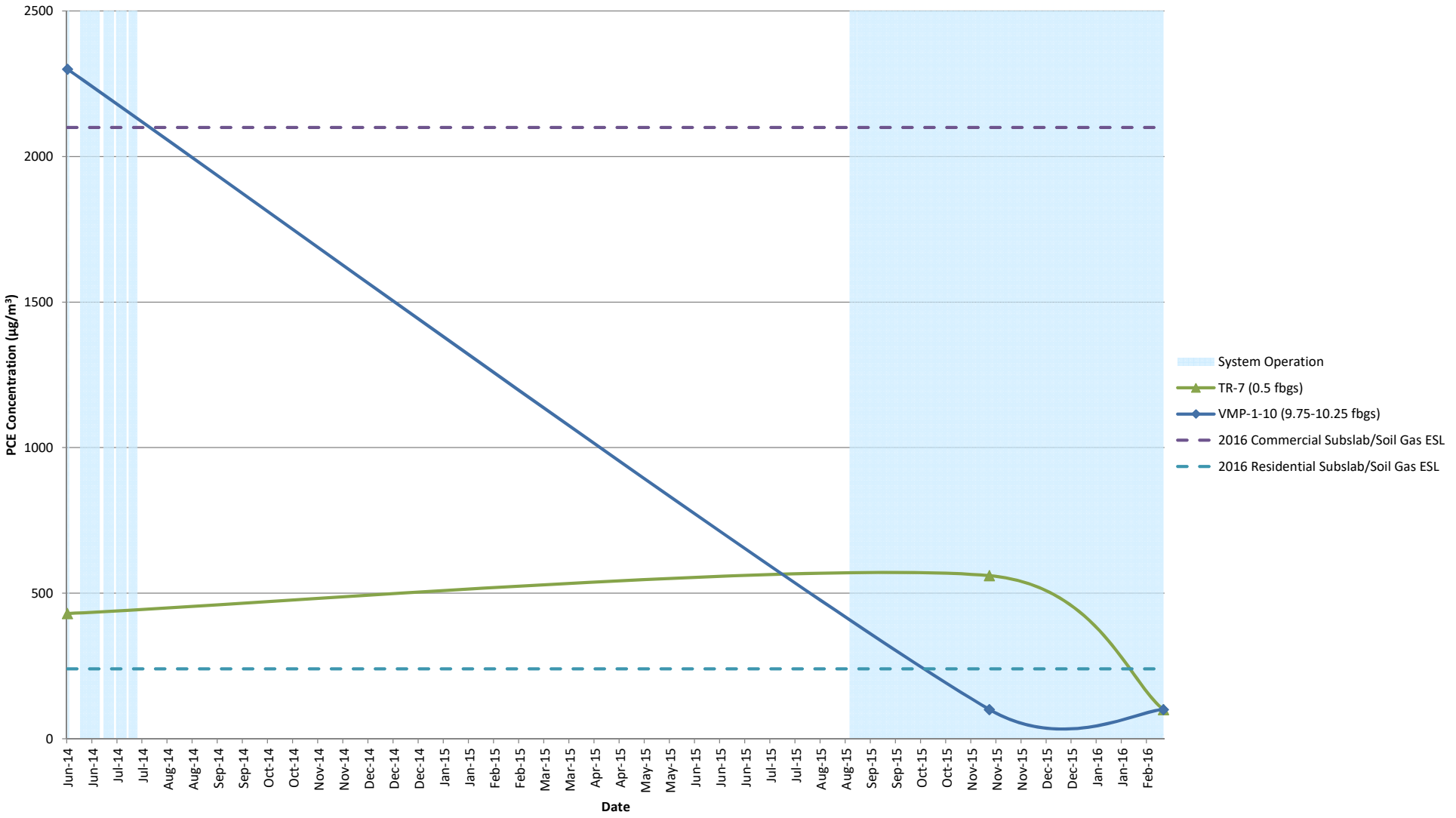


FIGURE 5
PCE Concentration vs. Time
Below the Subslab to 10 Feet bgs

SVE Performance Report
Former Westlake French Dry Cleaners
Daly City, California

Project No. 1241.03

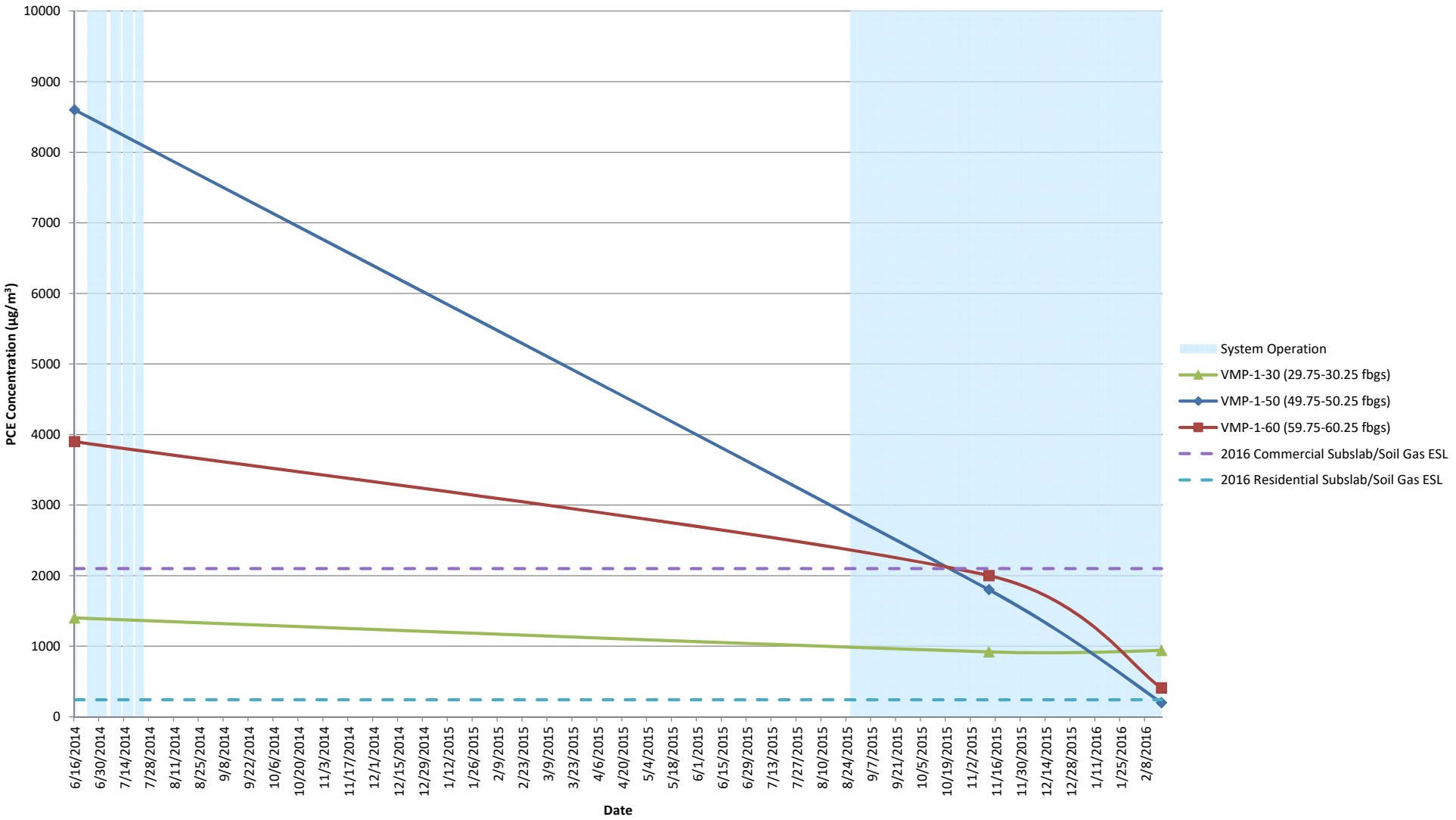


FIGURE 6
PCE Concentration vs. Time
30 to 60 Feet bgs

SVE Performance Report
Former Westlake French Dry Cleaners
Daly City, California

Project No. 1241.03

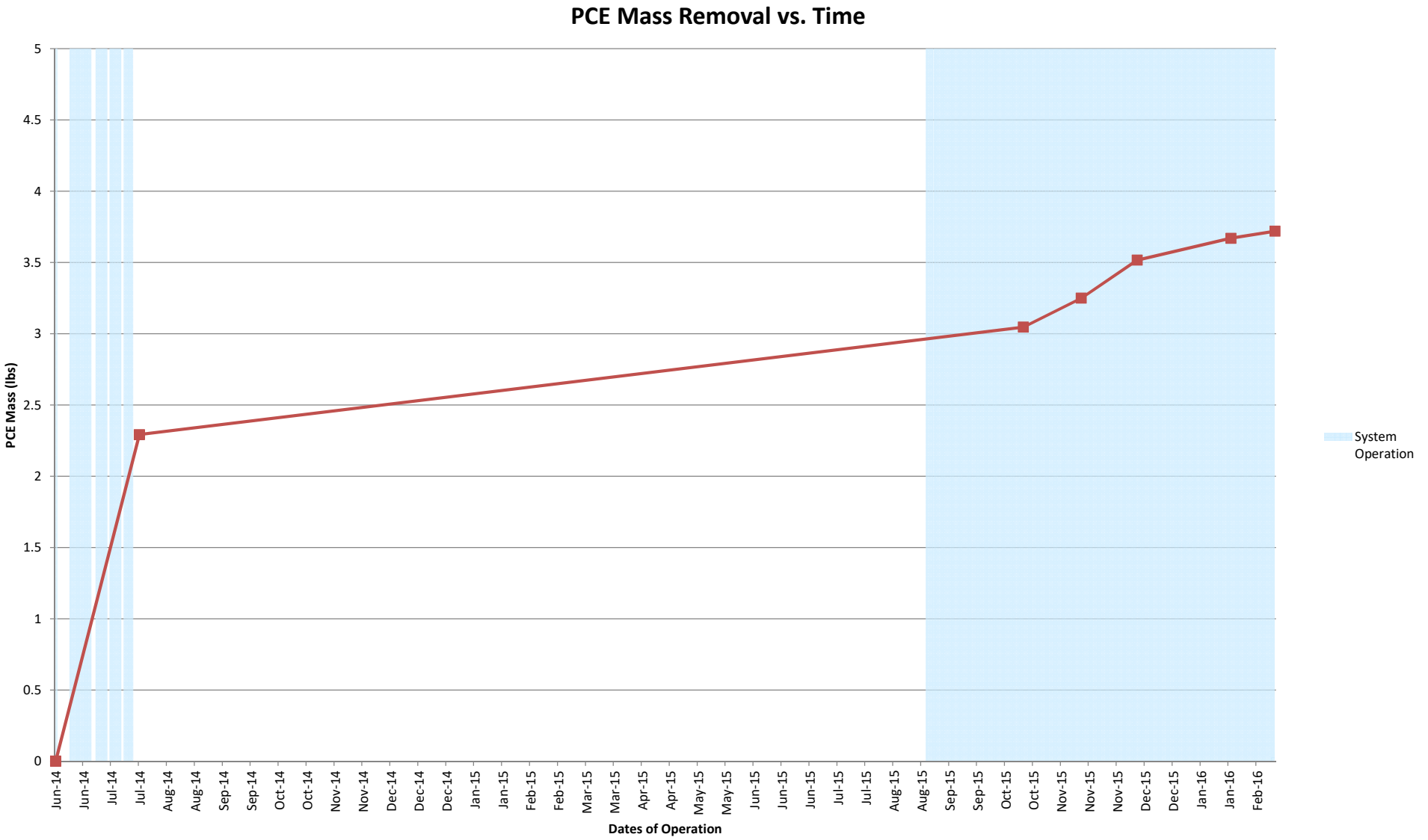


FIGURE 7
PCE Mass Removal vs. Time
Cumulative PCE Mass Removed

SVE Performance Report
Former Westlake French Dry Cleaners
Daly City, California

Project No. 1241.03

APPENDIX A

SVE O&M FORMS

DAILY FIELD REPORT

northgate environmental management, inc.

Project No.: 1241.03 Date 10/14/15

Project Name: Former Westlake French Dry Cleaners Page 1 of 1

Field Personnel: Gabriel Fuson, Axel Rieke

Time Onsite: From: 0810 To: 2100 Task No(s): 05K

Weather partly cloudy (foggy in early evening)

PPE Level Used: traffic vest, safety glasses

Equipment Used: GCF 10/19/15

Other Personnel Onsite:

	Name	Purpose	Time Onsite	Time Offsite
1.	Stephanie	TEG	0745	2100
2.				
3.				

Time	Field Activities
0810	Arrived onsite, met Stephanie.
0830	Axel arrived onsite. Drained condensate tank, approximately 30 gallons of water. Need to replace lock on valve for 3B. Purge tests will be conducted per DTSC 2012 guidance.
1100	TEG analytical instrumentation still calibrating
1510	Collected 1x purge test sample @ VEW-1B.
1540	Collected 3x purge test sample @ VEW-1B.
1614	Collected 10x purge test sample @ VEW-1B. 3x purge sample showed highest PCE concentration - will use 3x purge volume amount for today's round of sampling.
1648	Collected sample @ VEW-1A.
1800	Collected sample @ VEW-3A.
1802	Collected sample @ VEW-3B.
1853	Collected sample @ VEW-2A.
2002	Collected sample @ VEW-2B.
2030	Demobilized, switched SVE system to pull from 3A, collected readings.
2100	Left site for return to Oakland office

GCF 10/14/15

Signature Gabriel Fuson Reviewed By:

DAILY FIELD REPORT

northgate environmental management, inc.

Project No.: 1241.03 Date 11/12/15

Project Name: Former Westlake French Dry Cleaners Page 1 of 2

Field Personnel: W. Logsdon, A. Rieke

Time Onsite: From: 0715 To: 1500 Task No(s): 05K

Weather Clear

PPE Level Used: Level D

Equipment Used:

Other Personnel Onsite:

Name	Purpose	Time Onsite	Time Offsite
1. Leif	TEG Mobile Lab	0745	1445
2.			
3.			

Time	Field Activities
0715	Arrive on-site at Westlake Center
	-Cone off VEW-3 (VMP-1 and VEW-2 blocked by cars)
0745	TEG on-site, prepping mobile lab
0815	Axel Rieke on-site
0830	Drain condensate from SVE system
0835	Collect IDW sample of condensate (3 VOAs)
0900	Purge VEW-3A and VEW-3B
	-Volume purged calculated based on July 2015
	DTSC guidance document (3 x's purge standard)
	-VEW-3A: 3 times purge volume using blower
	for 145 seconds (485 L)
	-VEW-3B: 3 times purge volume using blower
	for 210 seconds (675 L)
0915	Sample VEW-3A and VEW-3B
1000	Purge VMP-1 according to DTSC 3x purge volume
	-Volumes purged: VMP-1-10 = 10 L
	VMP-1-30 = 30 L
	VMP-1-50 = 50 L
	VMP-1-60 = 60 L
1010	Sample VMP-1-10, -30, -50, and -60
1210	Purge 3x volume and re-sample VEW-3B
1220	Purge 3x volume at VEW-2A and VEW-2B
	as per DTSC 2015 guidance
	-Volumes purged: VEW-2A = 485 L
	VEW-2B = 675 L
1230	Sample VEW-2A and VEW-2B
1315	Purge 3x volume at VEW-1A and -1B per DTSC guidance
	-Volumes purged: VEW-1A = 90 L
	VEW-1B = 185 L
1320	Sample VEW-1A

Axel Rieke off-site

Signature Will Logsdon Reviewed By:

DAILY FIELD REPORT

northgate environmental management, inc.

Project No.: 1241.03 Date 11/12/15

Project Name: Westlake Page 2 of 2

Time	Field Activities
1344	Sample VEW-1B
1410	Purge 3x volume of TR-7 per DTSC guidance
	- Volume purged: TR-7 = 0.1 L
1417	Sample TR-7
1430	Switch blower to operate VEW-1A
1445	TEG off-site
1500	W. Logsdon off-site

WL 11/12/15

Signature

Reviewed By:

DAILY FIELD REPORT

northgate environmental management, inc.

Project No.: 1241.03 Date 12/10/15

Project Name: Westlake Former Dry Cleaners Page 1 of 1

Field Personnel: W. Logsdon, S. Acker

Time Onsite: From: 0715 To: 1400 Task No(s): 05K

Weather Overcast, some [redacted] rain in AM

PPE Level Used: Level D

Equipment Used: PID

Other Personnel Onsite:

	Name	Purpose	Time Onsite	Time Offsite
1.	Leif, TEG	Mobile lab	0700	~~1400~~ 1330
2.				
3.				

Time	Field Activities
0715	Arrive on-site, cone off VEW-3
	- VEW-2 blocked by vehicle
0800	Sarah Acker on-site
0840	Collect BAAQMD parameters from SVE system
	- System operating 1A
0855	Purge VEW-3A and VEW-3B w/ SVE blower
	- Performed 3 x's purge volume as per DTSC July
	2015 guidance document
	- Volumes purged: VEW-3A = 485 L
	VEW-3B = 675 L
0900	TEG samples VEW-3A and VEW-3B
0945	TEG having issues with mobile lab generator.
	VEW-3A and VEW-3B samples were run without
	issue
	- Leif off-site to rent new generator
1645	Purge VEW-1A and VEW-1B w/ SVE blower
	- Performed 3x's purge volume as per DTSC
	- Volumes purged: VEW-1A = 80 L
	VEW-1B = 185 L
1055	Sample VEW-1A, collect duplicate @ 1A
1130	Sample VEW-1B
1200	Purge VEW-2A and VEW-2B w/ SVE blower
	- Performed 3x's purge volume as per DTSC.
	- Volumes purged: VEW-2A = 485 L
	VEW-2B = 675 L
1330	TEG completes sampling
1345	Call Rob Larson with Mako: Limits functional light
	bulb needs replacement
1350	Begin operating VEW-1A
1400	Off-site

Signature [signature] Reviewed By:

DAILY FIELD REPORT

northgate environmental management, inc.

Project No.: 12411.03 Date 11/26/16

Project Name: Westlake Former Dry Cleaners Page 1 of 1

Field Personnel: S. Acker, W. Logsdon

Time Onsite: From: 0700 To: 1208 Task No(s):

Weather Overcast, 51°F

PPE Level Used: Level D

Equipment Used: PID

Other Personnel Onsite:

	Name	Purpose	Time Onsite	Time Offsite
1.	Leif, TEG	Mobile Lab	0730	~~1205~~ 1114
2.				
3.				

Time	Field Activities
0700	Arrive onsite, cone off VEW-2
	VEW-3 blocked by vehicle
0730	TEG arrives onsite
0733	Calibrate MiniRae 3000 PID, 100.0 ppm
	Reading 0.0 ppm ambient air following calibration
0738	Collect BAM QMD parameters from SVE System
	-See SVE O&M form
0755	Cone off VEW-3 after vehicle moved
0800	Will Logsdon onsite.
0825	Purge VEW-3A & VEW-3B w/ SVE Blower
	-performed 3X purge volume per DTSC July 2015
	guidance document
	-Volumes purged: VEW-3A = 485L
	VEW-3B = 675L
	(Wells purged after TEG assembles sampling parts)
0840	TEG Samples VEW-3A & VEW-3B
	Collects duplicate from VEW-3B
0931	Purge VEW-2A & VEW-2B
	-performed 3X purge volume per DTSC July 2015
	-Volumes purged: VEW-2A = 485L
	VEW-2B = 675L
0940	TEG Samples VEW-2A & VEW-2B
0942	Will Logsdon leaves site
0949	Purge VEW-1A & VEW-1B
	-performed 3Xs purge volume per DTSC July, 2015
	-~~Vol~~ Volumes purged: VEW-1A = 80L
~~1016~~	~~TEG Samples VEW-1A~~ VEW-1B = 185L
1016	TEG Samples VEW-1A & VEW-1B
1114	TEG leaves site after completion of sampling
1208	Sarah Acker leaves site

Signature: Reviewed By:

DAILY FIELD REPORT

northgate environmental management, inc.

Project No.: 1241.03 Date 2/17/2016

Project Name: Westlake former Dry Cleaner Page 1 of 2

Field Personnel: S. Acker, W. Logsdon

Time Onsite: From: 0700 To: 1619 Task No(s): _____

Weather Overcast, windy, 63°F

PPE Level Used: level D

Equipment Used: MiniRae 3000 PID

Other Personnel Onsite:

	Name	Purpose	Time Onsite	Time Offsite
1.	Stephanie, TEG	Mobile lab	0645	1500
2.				
3.				

Time	Field Activities
0700	Arrive Onsite TEG already onsite
0702	Cone off VEW-3 and VMP-1
	VEW-2 blocked by parked car
0723	Calibrated MiniRae 3000 PID to 100.0 ppm
	isobutylene equivalents,
0750	Willis Logsdon onsite
0800	Purge VMP-1-10 for 2 minutes at 5 L/min
	w/ vacuum pump per DTSC 3X purge volume
	Volume purged: 10 L
0802	Cone off VEW-2 after vehicle moved
0803	Purge VMP-1-30 for 12 minutes at 5 L/min
	w/ vacuum pump per DTSC 3X purge volume
	Volume purged: 30 L
0830	TEG samples VMP-1-10
0831	TEG samples VMP-1-30
0833	Purge VMP-1-60 for 12 minutes at 5 L/min w/
	vacuum pump per DTSC 3X purge volume
	Volume purged: 60 L
0850	Purge VMP-1-50 for 10 minutes at 5 L/min
	w/ vacuum pump per DTSC 3X purge volume
	Volume purged: 50 L
0915	TEG samples VMP-1-50
0916	TEG samples VMP-1-60
0930	Purge VEW-1A and VEW-1B per DTSC 3X
	purge volume w/ blower
	Volumes purged: VEW-1A, 24 seconds = 80 L
~~1000~~	~~TEG purges~~ VEW-1B, 55 seconds = 185 L
1000	TEG purges TR-7: 3X 50 mL syringe
	Volume purged = 0.15 L
1004	TEG samples TR-7 and takes duplicate at TR-7

Willis Logsdon leaves site

Signature _____ Reviewed By: _____

DAILY FIELD REPORT

northgate environmental management, inc.

Project No.: 1241.03 Date 2/17/16

Project Name: Westlake former dry cleaner Page 2 of 2

Time	Field Activities
~~0~~1045	Purge VEW-3B and VEW-3A per DTSC 3x purge volume
	Volumes purged:
	VEW-3B, 201 seconds w/ blower = 675L
	VEW-3A, 145 seconds w/ blower = 485L
1053	TEG Samples VEW-3A
1055	TEG Samples VEW-3B
1150	Purge VEW-2A and VEW-2B per DTSC 3x purge volume
	Volumes purged:
	VEW-~~3A~~2A, 145 seconds of blower = 485L
	VEW-2B, 201 seconds of blower = 675L
1200	TEG Samples VEW-2A and VEW-2B
1254	TEG Sample, ~~VEW-2B~~ VEW-1A
1312	Collect BAAQMD parameters from SVE system - See SVE O&M form
1346	TEG Samples VEW-1B
1500	Collect BAAQMD parameters from SVE System
	~~Off~~ Switch to operate VEW-2B w/ SVE
1503	System blower
1619	Leave Site

Signature _____ Reviewed By: _____

Appendix A
SVE Operations and Maintenance Form

Well ID	Date	Time	Flowrate (cfm)	VOC Concentration (ppmv)			Comments	Sys Hours
			Well Conduit	GAC-I Inf	GAC-I Eff	GAC-II Eff		
1A	8/12	1740	196	[illegible]	0.0	0.0	System testing and restart.	410.8
1A	8/19	1550	147.	0.9	0.0	0.0	Started VEW-2A Systy shut off @	412.0
2A	8/27	1235	196	1.4	0.0	0.0	Leave sys running 2A.	413.1
1I	8/29	1700		—	—	—	417 hrs	
							Engine Knocking Out	
2A	9/3/15	1315	196	1.3	0.0	0.0	Sys. offset needed to be re	418
1A	9/3/15	1330	184	1.9	0.0	0.0	Left running 2A	418.2
1A	9/9/15	1850	—	0.8	0.0	0.0	Sys running on arrival	591.3
3A	9/9/15	1859	196	0.0	0.0	0.0	Left running 3A, dil	turn open
3A	9/16/15	0900	221	0.0	0.0	0.0	System running on arrival	725.3
1A	9/16/15	0919	221	0.1	0.0	0.0	Start operating 1A	
1A	9/24/15	1704	—	0.0	0.0	0.0	System on upon arrival	924.95
3A	9/24/15	1717	196	0.0	0.0	0.0	Start operating 3A	
3A	9/30/15	858	—	0.0	0.0	0.0	System on upon arrival	1060
1A	9/30/15	911	221	0.1	0.0	0.0	Start operating 1A.	
2A	10/8/15	1524	196	0.0	0.0	0.0	test operate 2A.	1260
2A	10/15/15	0918	196	0.2	0.0	0.0	2A running on arrival, water separator 90% full	(1396 hrs)
3A	10/15/15	2014	160	0.0	0.0	0.0	3A running @ departure, water separator empty	

Valves configured for 2A?

Appendix A
SVE Operations and Maintenance Form

Well ID	Date	Time	Flowrate (cfm)	VOC Concentration (ppmv)			Comments	Sys hours
			Well Conduit	GAC-I Inf	GAC-I Eff	GAC-II Eff		
3A	10/23/15	1400	–	3A 0.2	0.0	0.0	System on upon arrival	1606.3
1A	10/23/15	1408	196	1A 2.7	0.0	0.0	Start operating 1A. Drained water.	
1A	11/4/15	0944	172	1A 0.1	0.0	0.0	System on upon arrival	1890.7
3A	11/4/15	0950	172	3A 0.0	0.0	0.0	Start operating 3A	Pressure: -10
3A	11/12/15	0700	–	PID readings			System on Drain water	Pressure: -11
1A	11/12/15	1430	196	not collected			Operated 1A Pressure: -9	2081.8
1A	12/1/15	0915	196	1A 0.7	0.5	0.1	System on Drain water	Pressure: -10 2532.2
1A	~~12/10/15~~ ~~12/14/15~~	0840	196	1A 0.4	0.0	0.0	System on upon arival. No water drained	Pressure: -10 (none in hose) → 2746.1
1A	1/8/16	16:10	196	1A 0.3	0.1	0.1	System on Drained water tank no water in tank	3444.3
1A	1/19/16	07:50	196	1A 0.2	0.1	0.1	System on no water to drain	Pressure: -10 3699.0 Pressure: -10
1A	1/26/16	07:14	196	1A 0.0	0.0	0.0	System on; Pressure -10 in Hg No water in knockout tank	3866.7
1A	1/26/16	11:51	196	1A 0.0	0.0	0.0	Pressure: Hrs: 38667	
1A	2/17/16	1312	196	1A 0.2	0.1	0.1	System on on arrival Pressure: -10. No water in knockout tank	System hrs: 4890.5 Tank Pressure: -7.5
2B	2/17/16	1500	221	2B 0.1	0.1	0.1	Closed VEW-1A opened VEW-2B opened diversion valve partway	System hrs: 4390.7

APPENDIX B

LABORATORY ANALYTICAL RESULTS

22 October 2015

Mr. Axel Rieke
Northgate Environmental Management, Inc.
428 13th Street, 4th Floor
Oakland, CA 95612

SUBJECT: DATA REPORT - Northgate Environmental Management, Inc. Project # 1241.03
Former Westlake French Dry Cleaners
247 Westlake Center, Daly City, California

TEG Project # 51014F

Mr. Rieke:

Please find enclosed a data report for the samples analyzed from the above referenced project for Northgate Environmental Management, Inc. The samples were analyzed on site in TEG's mobile laboratory. TEG conducted a total of 9 analyses on 9 soil vapor samples.

-- 9 analyses on soil vapors for volatile organic hydrocarbons by EPA method 8260B.

The results of the analyses are summarized in the enclosed tables. Applicable detection limits and calibration data are included in the tables.

TEG appreciates the opportunity to have provided analytical services to Northgate Environmental Management, Inc on this project. If you have any further questions relating to these data or report, please do not hesitate to contact us.

Sincerely,

Mark Jerpbak
Director, TEG-Northern California

teg

Northgate Environmental Management, Inc.
Project # 1241.03
Former Westlake French Dry Cleaners
247 Westlake Center
Daly City, California

TEG Project #51014F

EPA Method 8260B VOC Analyses of SOIL VAPOR in micrograms per cubic meter of Vapor

SAMPLE NUMBER:		Syringe Blank	VEW-1A	VEW-1A dup	VEW-1B	VEW-1B
SAMPLE DEPTH (feet):			30.0	30.0	65.0	65.0
PURGE VOLUME:			3	3	1	3
COLLECTION DATE:		10/14/15	10/14/15	10/14/15	10/14/15	10/14/15
COLLECTION TIME:		12:20	16:48	16:48	15:10	15:40
DILUTION FACTOR:		1	1	1	1	1
	RL					
Dichlorodifluoromethane	100	nd	nd	nd	nd	nd
Vinyl Chloride	100	nd	nd	nd	nd	nd
Chloroethane	100	nd	nd	nd	nd	nd
Trichlorofluoromethane	100	nd	nd	nd	nd	nd
1,1-Dichloroethene	100	nd	nd	nd	nd	nd
1,1,2-Trichloro-trifluoroethane	100	nd	nd	nd	nd	nd
Methylene Chloride	100	nd	nd	nd	nd	nd
trans-1,2-Dichloroethene	100	nd	nd	nd	nd	nd
1,1-Dichloroethane	100	nd	nd	nd	nd	nd
cis-1,2-Dichloroethene	100	nd	nd	nd	nd	nd
Chloroform	100	nd	nd	nd	nd	nd
1,1,1-Trichloroethane	100	nd	nd	nd	nd	nd
Carbon Tetrachloride	100	nd	nd	nd	nd	nd
1,2-Dichloroethane	100	nd	nd	nd	nd	nd
Benzene	80	nd	nd	nd	nd	nd
Trichloroethene	100	nd	nd	nd	nd	nd
Toluene	200	nd	nd	nd	nd	nd
1,1,2-Trichloroethane	100	nd	nd	nd	nd	nd
Tetrachloroethene	100	nd	1100	1200	1400	1800
Ethylbenzene	100	nd	nd	nd	nd	nd
1,1,1,2-Tetrachloroethane	100	nd	nd	nd	nd	nd
m,p-Xylene	200	nd	nd	nd	nd	nd
o-Xylene	100	nd	nd	nd	nd	nd
1,1,2,2-Tetrachloroethane	100	nd	nd	nd	nd	nd
1,1 Difluoroethane (leak check)	10000	nd	nd	nd	nd	nd
Surrogate Recovery (DBFM)		86%	86%	97%	81%	92%
Surrogate Recovery (Toluene-d8)		97%	93%	97%	92%	92%
Surrogate Recovery (1,4-BFB)		96%	94%	95%	100%	99%

'RL' Indicates reporting limit at a dilution factor of 1
'nd' Indicates not detected at listed reporting limits

Analyses performed in TEG-Northern California's lab
Analyses performed by: Ms. Stephanie Clark

11350 Monier Park Place, Rancho Cordova, CA 95742 • Phone (916) 853-8010 • Fax (916) 853-8020

teg

Northgate Environmental Management, Inc.
Project # 1241.03
Former Westlake French Dry Cleaners
247 Westlake Center
Daly City, California

TEG Project #51014F

EPA Method 8260B VOC Analyses of SOIL VAPOR in micrograms per cubic meter of Vapor

SAMPLE NUMBER:		VEW-1B	VEW-2A	VEW-2B	VEW-3A	VEW-3B
SAMPLE DEPTH (feet):		65.0	30.0	65.0	30.0	65.0
PURGE VOLUME:		10	3	3	3	3
COLLECTION DATE:		10/14/15	10/14/15	10/14/15	10/14/15	10/14/15
COLLECTION TIME:		16:16	18:53	20:02	18:00	18:02
DILUTION FACTOR:		1	1	1	1	1
	RL					
Dichlorodifluoromethane	100	nd	nd	nd	nd	nd
Vinyl Chloride	100	nd	nd	nd	nd	nd
Chloroethane	100	nd	nd	nd	nd	nd
Trichlorofluoromethane	100	nd	nd	nd	nd	nd
1,1-Dichloroethene	100	nd	nd	nd	nd	nd
1,1,2-Trichloro-trifluoroethane	100	nd	nd	nd	nd	nd
Methylene Chloride	100	nd	nd	nd	nd	nd
trans-1,2-Dichloroethene	100	nd	nd	nd	nd	nd
1,1-Dichloroethane	100	nd	nd	nd	nd	nd
cis-1,2-Dichloroethene	100	nd	nd	nd	nd	nd
Chloroform	100	nd	nd	nd	nd	nd
1,1,1-Trichloroethane	100	nd	nd	nd	nd	nd
Carbon Tetrachloride	100	nd	nd	nd	nd	nd
1,2-Dichloroethane	100	nd	nd	nd	nd	nd
Benzene	80	nd	nd	nd	nd	nd
Trichloroethene	100	nd	nd	nd	nd	nd
Toluene	200	nd	nd	nd	nd	nd
1,1,2-Trichloroethane	100	nd	nd	nd	nd	nd
Tetrachloroethene	100	1600	300	1300	130	500
Ethylbenzene	100	nd	nd	nd	nd	nd
1,1,1,2-Tetrachloroethane	100	nd	nd	nd	nd	nd
m,p-Xylene	200	nd	nd	nd	nd	nd
o-Xylene	100	nd	nd	nd	nd	nd
1,1,2,2-Tetrachloroethane	100	nd	nd	nd	nd	nd
1,1 Difluoroethane (leak check)	10000	nd	nd	nd	nd	nd
Surrogate Recovery (DBFM)		94%	97%	96%	86%	94%
Surrogate Recovery (Toluene-d8)		98%	95%	94%	94%	101%
Surrogate Recovery (1,4-BFB)		96%	93%	106%	101%	100%

'RL' Indicates reporting limit at a dilution factor of 1
'nd' Indicates not detected at listed reporting limits

Analyses performed in TEG-Northern California's lab
Analyses performed by: Ms. Stephanie Clark

11350 Monier Park Place, Rancho Cordova, CA 95742 • Phone (916) 853-8010 • Fax (916) 853-8020

teg

Northgate Environmental Management, Inc.
Project # 1241.03
Former Westlake French Dry Cleaners
247 Westlake Center
Daly City, California

TEG Project #51014F

CALIBRATION DATA - Calibration Check Compounds

	Vinyl Chloride	1,1 DCE	Chloroform	1,2 DCP	Toluene	Ethylbenzene
Midpoint	10.0	10.0	10.0	10.0	10.0	10.0
Continuing Calibration - Midpoint						
10/14/15	10.9	10.2	9.1	8.7	10.0	10.3
	109%	102%	91%	87%	100%	103%

19 November 2015

Mr. Axel Rieke
Northgate Environmental Management, Inc.
428 13th Street, 4th Floor
Oakland, CA 95612

SUBJECT: DATA REPORT - Northgate Environmental Management, Inc. Project # 1241.03
Former Westlake French Dry Cleaners
247 Westlake Center, Daly City, California

TEG Project # 51112E

Mr. Rieke:

Please find enclosed a data report for the samples analyzed from the above referenced project for Northgate Environmental Management, Inc. The samples were analyzed on site in TEG's mobile laboratory. TEG conducted a total of 12 analyses on 12 soil vapor samples.

-- 12 analyses on soil vapors for volatile organic hydrocarbons by EPA method 8260B.

The results of the analyses are summarized in the enclosed tables. Applicable detection limits and calibration data are included in the tables.

TEG appreciates the opportunity to have provided analytical services to Northgate Environmental Management, Inc on this project. If you have any further questions relating to these data or report, please do not hesitate to contact us.

Sincerely,

Mark Jerpbak
Director, TEG-Northern California

teg

Northgate Environmental Management, Inc.
Project # 1241.03
Former Westlake French Dry Cleaners
247 Westlake Center
Daly City, California

TEG Project #51112E

EPA Method 8260B VOC Analyses of SOIL VAPOR in micrograms per cubic meter of Vapor

SAMPLE NUMBER:		Syringe Blank	VEW-1A	VEW-1B	VEW-2A	VEW-2B
SAMPLE DEPTH (feet):			30.0	65.0	30.0	65.0
PURGE VOLUME:			3	3	3	3
COLLECTION DATE:		11/12/15	11/12/15	11/12/15	11/12/15	11/12/15
COLLECTION TIME:		08:37	13:21	13:44	12:28	12:39
DILUTION FACTOR:		1	1	1	1	1
	RL					
Dichlorodifluoromethane	100	nd	nd	nd	nd	nd
Vinyl Chloride	100	nd	nd	nd	nd	nd
Chloroethane	100	nd	nd	nd	nd	nd
Trichlorofluoromethane	100	nd	nd	nd	nd	nd
1,1-Dichloroethene	100	nd	nd	nd	nd	nd
1,1,2-Trichloro-trifluoroethane	100	nd	nd	nd	nd	nd
Methylene Chloride	100	nd	nd	nd	nd	nd
trans-1,2-Dichloroethene	100	nd	nd	nd	nd	nd
1,1-Dichloroethane	100	nd	nd	nd	nd	nd
cis-1,2-Dichloroethene	100	nd	nd	nd	nd	nd
Chloroform	100	nd	nd	nd	nd	nd
1,1,1-Trichloroethane	100	nd	nd	nd	nd	nd
Carbon Tetrachloride	100	nd	nd	nd	nd	nd
1,2-Dichloroethane	100	nd	nd	nd	nd	nd
Benzene	80	nd	nd	nd	nd	nd
Trichloroethene	100	nd	nd	nd	nd	nd
Toluene	200	nd	nd	nd	nd	nd
1,1,2-Trichloroethane	100	nd	nd	nd	nd	nd
Tetrachloroethene	100	nd	1100	670	nd	1400
Ethylbenzene	100	nd	nd	nd	nd	nd
1,1,1,2-Tetrachloroethane	100	nd	nd	nd	nd	nd
m,p-Xylene	200	nd	nd	nd	nd	nd
o-Xylene	100	nd	nd	nd	nd	nd
1,1,2,2-Tetrachloroethane	100	nd	nd	nd	nd	nd
isopropyl alcohol (leak check)	10000	nd	nd	nd	nd	nd
Surrogate Recovery (DBFM)		95%	106%	103%	107%	104%
Surrogate Recovery (1,2-DCA-d4)		81%	91%	89%	92%	87%
Surrogate Recovery (Toluene-d8)		91%	90%	89%	94%	88%

'RL' Indicates reporting limit at a dilution factor of 1
'nd' Indicates not detected at listed reporting limits

Analyses performed in TEG-Northern California's lab
Analyses performed by: Mr. Leif Jonsson

11350 Monier Park Place, Rancho Cordova, CA 95742 • Phone (916) 853-8010 • Fax (916) 853-8020

teg

Northgate Environmental Management, Inc.
Project # 1241.03
Former Westlake French Dry Cleaners
247 Westlake Center
Daly City, California

TEG Project #51112E

EPA Method 8260B VOC Analyses of SOIL VAPOR in micrograms per cubic meter of Vapor

SAMPLE NUMBER:		VEW-3A	VEW-3B	VMP-1-10	VMP-1-30	VMP-1-50
SAMPLE DEPTH (feet):		30.0	65.0	10.0	30.0	50.0
PURGE VOLUME:		3	3	3	3	3
COLLECTION DATE:		11/12/15	11/12/15	11/12/15	11/12/15	11/12/15
COLLECTION TIME:		09:20	11:58	10:10	10:28	10:52
DILUTION FACTOR:		1	1	1	1	1
	RL					
Dichlorodifluoromethane	100	nd	nd	nd	nd	nd
Vinyl Chloride	100	nd	nd	nd	nd	nd
Chloroethane	100	nd	nd	nd	nd	nd
Trichlorofluoromethane	100	nd	nd	nd	nd	nd
1,1-Dichloroethene	100	nd	nd	nd	nd	nd
1,1,2-Trichloro-trifluoroethane	100	nd	nd	nd	nd	nd
Methylene Chloride	100	nd	nd	nd	nd	nd
trans-1,2-Dichloroethene	100	nd	nd	nd	nd	nd
1,1-Dichloroethane	100	nd	nd	nd	nd	nd
cis-1,2-Dichloroethene	100	nd	nd	nd	nd	nd
Chloroform	100	nd	nd	nd	nd	nd
1,1,1-Trichloroethane	100	nd	nd	nd	nd	nd
Carbon Tetrachloride	100	nd	nd	nd	nd	nd
1,2-Dichloroethane	100	nd	nd	nd	nd	nd
Benzene	80	nd	nd	nd	nd	nd
Trichloroethene	100	nd	nd	nd	nd	nd
Toluene	200	nd	nd	nd	nd	nd
1,1,2-Trichloroethane	100	nd	nd	nd	nd	nd
Tetrachloroethene	100	nd	550	nd	920	1800
Ethylbenzene	100	nd	nd	nd	nd	nd
1,1,1,2-Tetrachloroethane	100	nd	nd	nd	nd	nd
m,p-Xylene	200	nd	nd	nd	nd	nd
o-Xylene	100	nd	nd	nd	nd	nd
1,1,2,2-Tetrachloroethane	100	nd	nd	nd	nd	nd
isopropyl alcohol (leak check)	10000	nd	nd	nd	nd	nd
Surrogate Recovery (DBFM)		105%	111%	103%	106%	103%
Surrogate Recovery (1,2-DCA-d4)		85%	95%	89%	91%	85%
Surrogate Recovery (Toluene-d8)		92%	99%	95%	93%	88%

'RL' Indicates reporting limit at a dilution factor of 1
'nd' Indicates not detected at listed reporting limits

Analyses performed in TEG-Northern California's lab
Analyses performed by: Mr. Leif Jonsson

11350 Monier Park Place, Rancho Cordova, CA 95742 • Phone (916) 853-8010 • Fax (916) 853-8020

teg

Northgate Environmental Management, Inc.
Project # 1241.03
Former Westlake French Dry Cleaners
247 Westlake Center
Daly City, California

TEG Project #51112E

EPA Method 8260B VOC Analyses of SOIL VAPOR in micrograms per cubic meter of Vapor

SAMPLE NUMBER:		VMP-1-60	VMP-1-60 dup	TR-7
SAMPLE DEPTH (feet):		60.0	60.0	0.5
PURGE VOLUME:		3	3	3
COLLECTION DATE:		11/12/15	11/12/15	11/12/15
COLLECTION TIME:		11:12	11:12	14:12
DILUTION FACTOR:		1	1	1
	RL			
Dichlorodifluoromethane	100	nd	nd	nd
Vinyl Chloride	100	nd	nd	nd
Chloroethane	100	nd	nd	nd
Trichlorofluoromethane	100	nd	nd	nd
1,1-Dichloroethene	100	nd	nd	nd
1,1,2-Trichloro-trifluoroethane	100	nd	nd	nd
Methylene Chloride	100	nd	nd	nd
trans-1,2-Dichloroethene	100	nd	nd	nd
1,1-Dichloroethane	100	nd	nd	nd
cis-1,2-Dichloroethene	100	nd	nd	nd
Chloroform	100	nd	nd	nd
1,1,1-Trichloroethane	100	nd	nd	nd
Carbon Tetrachloride	100	nd	nd	nd
1,2-Dichloroethane	100	nd	nd	nd
Benzene	80	nd	nd	nd
Trichloroethene	100	nd	nd	nd
Toluene	200	nd	nd	nd
1,1,2-Trichloroethane	100	nd	nd	nd
Tetrachloroethene	100	2000	1900	560
Ethylbenzene	100	nd	nd	nd
1,1,1,2-Tetrachloroethane	100	nd	nd	nd
m,p-Xylene	200	nd	nd	nd
o-Xylene	100	nd	nd	nd
1,1,2,2-Tetrachloroethane	100	nd	nd	nd
isopropyl alcohol (leak check)	10000	nd	nd	nd
Surrogate Recovery (DBFM)		103%	110%	108%
Surrogate Recovery (1,2-DCA-d4)		90%	97%	94%
Surrogate Recovery (Toluene-d8)		92%	94%	89%

'RL' Indicates reporting limit at a dilution factor of 1
'nd' Indicates not detected at listed reporting limits

Analyses performed in TEG-Northern California's lab
Analyses performed by: Mr. Leif Jonsson

11350 Monier Park Place, Rancho Cordova, CA 95742 • Phone (916) 853-8010 • Fax (916) 853-8020

Northgate Environmental Management, Inc.
Project # 1241.03
Former Westlake French Dry Cleaners
247 Westlake Center
Daly City, California

TEG Project #51112E

CALIBRATION DATA - Calibration Check Compounds

	Vinyl Chloride	1,1 DCE	Chloroform	1,2 DCP	Toluene	Ethylbenzene
Midpoint	10.0	10.0	10.0	10.0	10.0	10.0
Continuing Calibration - Midpoint						
11/12/15	10.0	10.6	9.4	10.2	10.5	10.2
	100%	106%	94%	102%	105%	102%

18 December 2015

Mr. Axel Rieke
Northgate Environmental Management, Inc.
428 13th Street, 4th Floor
Oakland, CA 95612

SUBJECT: DATA REPORT - Northgate Environmental Management, Inc. Project # 1241.03
Former Westlake French Dry Cleaners
247 Westlake Center, Daly City, California

TEG Project # 51210E

Mr. Rieke:

Please find enclosed a data report for the samples analyzed from the above referenced project for Northgate Environmental Management, Inc. The samples were analyzed on site in TEG's mobile laboratory. TEG conducted a total of 7 analyses on 7 soil vapor samples.

-- 7 analyses on soil vapors for volatile organic hydrocarbons by EPA method 8260B.

The results of the analyses are summarized in the enclosed tables. Applicable detection limits and calibration data are included in the tables.

TEG appreciates the opportunity to have provided analytical services to Northgate Environmental Management, Inc on this project. If you have any further questions relating to these data or report, please do not hesitate to contact us.

Sincerely,

Mark Jerpbak
Director, TEG-Northern California

teg

Northgate Environmental Management, Inc.
Project # 1241.03
Former Westlake French Dry Cleaners
247 Westlake Center
Daly City, California

TEG Project #51210E

EPA Method 8260B VOC Analyses of SOIL VAPOR in micrograms per cubic meter of Vapor

SAMPLE NUMBER:		Syringe Blank	VEW-1A	VEW-1A dup	VEW-1B	VEW-2A
SAMPLE DEPTH (feet):			30.0	30.0	65.0	30.0
PURGE VOLUME:			3	3	3	3
COLLECTION DATE:		12/10/15	12/10/15	12/10/15	12/10/15	12/10/15
COLLECTION TIME:		08:12	10:55	10:55	11:35	12:02
DILUTION FACTOR:		1	1	1	1	1
	RL					
Dichlorodifluoromethane	100	nd	nd	nd	nd	nd
Vinyl Chloride	100	nd	nd	nd	nd	nd
Chloroethane	100	nd	nd	nd	nd	nd
Trichlorofluoromethane	100	nd	nd	nd	nd	nd
1,1-Dichloroethene	100	nd	nd	nd	nd	nd
1,1,2-Trichloro-trifluoroethane	100	nd	nd	nd	nd	nd
Methylene Chloride	100	nd	nd	nd	nd	nd
trans-1,2-Dichloroethene	100	nd	nd	nd	nd	nd
1,1-Dichloroethane	100	nd	nd	nd	nd	nd
cis-1,2-Dichloroethene	100	nd	nd	nd	nd	nd
Chloroform	100	nd	nd	nd	nd	nd
1,1,1-Trichloroethane	100	nd	nd	nd	nd	nd
Carbon Tetrachloride	100	nd	nd	nd	nd	nd
1,2-Dichloroethane	100	nd	nd	nd	nd	nd
Benzene	80	nd	nd	nd	nd	nd
Trichloroethene	100	nd	nd	nd	nd	nd
Toluene	200	nd	nd	nd	nd	nd
1,1,2-Trichloroethane	100	nd	nd	nd	nd	nd
Tetrachloroethene	100	nd	200	170	100	nd
Ethylbenzene	100	nd	nd	nd	nd	nd
1,1,1,2-Tetrachloroethane	100	nd	nd	nd	nd	nd
m,p-Xylene	200	nd	nd	nd	nd	nd
o-Xylene	100	nd	nd	nd	nd	nd
1,1,2,2-Tetrachloroethane	100	nd	nd	nd	nd	nd
Isopropyl Alcohol (leak check)	10000	nd	nd	nd	nd	nd
Surrogate Recovery (DBFM)		98%	96%	91%	97%	96%
Surrogate Recovery (1,2-DCA-d4)		78%	79%	80%	80%	84%
Surrogate Recovery (Toluene-d8)		84%	88%	87%	88%	89%

'RL' Indicates reporting limit at a dilution factor of 1
'nd' Indicates not detected at listed reporting limits

Analyses performed in TEG-Northern California's lab
Analyses performed by: Mr. Leif Jonsson

11350 Monier Park Place, Rancho Cordova, CA 95742 • Phone (916) 853-8010 • Fax (916) 853-8020

teg

Northgate Environmental Management, Inc.
Project # 1241.03
Former Westlake French Dry Cleaners
247 Westlake Center
Daly City, California

TEG Project #51210E

EPA Method 8260B VOC Analyses of SOIL VAPOR in micrograms per cubic meter of Vapor

SAMPLE NUMBER:		VEW-2B	VEW-3A	VEW-3B
SAMPLE DEPTH (feet):		65.0	30.0	65.0
PURGE VOLUME:		3	3	3
COLLECTION DATE:		12/10/15	12/10/15	12/10/15
COLLECTION TIME:		12:08	09:04	09:13
DILUTION FACTOR:		1	1	1
	RL			
Dichlorodifluoromethane	100	nd	nd	nd
Vinyl Chloride	100	nd	nd	nd
Chloroethane	100	nd	nd	nd
Trichlorofluoromethane	100	nd	nd	nd
1,1-Dichloroethene	100	nd	nd	nd
1,1,2-Trichloro-trifluoroethane	100	nd	nd	nd
Methylene Chloride	100	nd	nd	nd
trans-1,2-Dichloroethene	100	nd	nd	nd
1,1-Dichloroethane	100	nd	nd	nd
cis-1,2-Dichloroethene	100	nd	nd	nd
Chloroform	100	nd	nd	nd
1,1,1-Trichloroethane	100	nd	nd	nd
Carbon Tetrachloride	100	nd	nd	nd
1,2-Dichloroethane	100	nd	nd	nd
Benzene	80	nd	nd	nd
Trichloroethene	100	nd	nd	nd
Toluene	200	nd	nd	nd
1,1,2-Trichloroethane	100	nd	nd	nd
Tetrachloroethene	100	1500	nd	nd
Ethylbenzene	100	nd	nd	nd
1,1,1,2-Tetrachloroethane	100	nd	nd	nd
m,p-Xylene	200	nd	nd	nd
o-Xylene	100	nd	nd	nd
1,1,2,2-Tetrachloroethane	100	nd	nd	nd
Isopropyl Alcohol (leak check)	10000	nd	nd	nd
Surrogate Recovery (DBFM)		94%	92%	96%
Surrogate Recovery (1,2-DCA-d4)		81%	77%	79%
Surrogate Recovery (Toluene-d8)		84%	89%	90%

'RL' Indicates reporting limit at a dilution factor of 1
'nd' Indicates not detected at listed reporting limits

Analyses performed in TEG-Northern California's lab
Analyses performed by: Mr. Leif Jonsson

11350 Monier Park Place, Rancho Cordova, CA 95742 • Phone (916) 853-8010 • Fax (916) 853-8020

Northgate Environmental Management, Inc.
Project # 1241.03
Former Westlake French Dry Cleaners
247 Westlake Center
Daly City, California

TEG Project #51210E

CALIBRATION DATA - Calibration Check Compounds

	Vinyl Chloride	1,1 DCE	Chloroform	1,2 DCP	Toluene	Ethylbenzene
Midpoint	10.0	10.0	10.0	10.0	10.0	10.0
Continuing Calibration - Midpoint						
12/10/15	10.0	10.2	9.1	10.0	10.2	10.2
	100%	102%	91%	100%	102%	102%

9 February 2016

Mr. Axel Rieke
Northgate Environmental Management, Inc.
428 13th Street, 4th Floor
Oakland, CA 95612

SUBJECT: DATA REPORT - Northgate Environmental Management, Inc. Project # 1241.03
Former Westlake French Dry Cleaners
247 Westlake Center, Daly City, California

TEG Project # 60126E

Mr. Rieke:

Please find enclosed a data report for the samples analyzed from the above referenced project for Northgate Environmental Management, Inc. The samples were analyzed on site in TEG's mobile laboratory. TEG conducted a total of 7 analyses on 7 soil vapor samples.

-- 7 analyses on soil vapors for volatile organic hydrocarbons by EPA method 8260B.

The results of the analyses are summarized in the enclosed tables. Applicable detection limits and calibration data are included in the tables.

TEG appreciates the opportunity to have provided analytical services to Northgate Environmental Management, Inc on this project. If you have any further questions relating to these data or report, please do not hesitate to contact us.

Sincerely,

Mark Jerpbak
Director, TEG-Northern California

teg

Northgate Environmental Management, Inc.
Project # 1241.03
Former Westlake French Dry Cleaners
247 Westlake Center
Daly City, California

TEG Project #60126E

EPA Method 8260B VOC Analyses of SOIL VAPOR in micrograms per cubic meter of Vapor

SAMPLE NUMBER:		Syringe Blank	VEW-1A	VEW-1B	VEW-2A	VEW-2B
SAMPLE DEPTH (feet):			30.0	65.0	30.0	65.0
PURGE VOLUME:			3	3	3	3
COLLECTION DATE:		1/26/16	1/26/16	1/26/16	1/26/16	1/26/16
COLLECTION TIME:		07:58	10:17	10:23	09:35	09:40
DILUTION FACTOR:		1	1	1	1	1
	RL					
Dichlorodifluoromethane	100	nd	nd	nd	nd	nd
Vinyl Chloride	100	nd	nd	nd	nd	nd
Chloroethane	100	nd	nd	nd	nd	nd
Trichlorofluoromethane	100	nd	nd	nd	nd	nd
1,1-Dichloroethene	100	nd	nd	nd	nd	nd
1,1,2-Trichloro-trifluoroethane	100	nd	nd	nd	nd	nd
Methylene Chloride	100	nd	nd	nd	nd	nd
trans-1,2-Dichloroethene	100	nd	nd	nd	nd	nd
1,1-Dichloroethane	100	nd	nd	nd	nd	nd
cis-1,2-Dichloroethene	100	nd	nd	nd	nd	nd
Chloroform	100	nd	nd	nd	nd	nd
1,1,1-Trichloroethane	100	nd	nd	nd	nd	nd
Carbon Tetrachloride	100	nd	nd	nd	nd	nd
1,2-Dichloroethane	100	nd	nd	nd	nd	nd
Benzene	80	nd	nd	nd	nd	nd
Trichloroethene	100	nd	nd	nd	nd	nd
Toluene	200	nd	nd	nd	nd	nd
1,1,2-Trichloroethane	100	nd	nd	nd	nd	nd
Tetrachloroethene	100	nd	250	nd	nd	1000
Ethylbenzene	100	nd	nd	nd	nd	nd
1,1,1,2-Tetrachloroethane	100	nd	nd	nd	nd	nd
m,p-Xylene	200	nd	nd	nd	nd	nd
o-Xylene	100	nd	nd	nd	nd	nd
1,1,2,2-Tetrachloroethane	100	nd	nd	nd	nd	nd
Isopropyl Alcohol (leak check)	10000	nd	nd	nd	nd	nd
Surrogate Recovery (DBFM)		96%	98%	96%	97%	94%
Surrogate Recovery (Toluene-d8)		90%	92%	90%	91%	93%
Surrogate Recovery (1,4-BFB)		87%	93%	91%	89%	88%

'RL' Indicates reporting limit at a dilution factor of 1
'nd' Indicates not detected at listed reporting limits

Analyses performed in TEG-Northern California's lab
Analyses performed by: Mr. Leif Jonsson

11350 Monier Park Place, Rancho Cordova, CA 95742 • Phone (916) 853-8010 • Fax (916) 853-8020

teg

Northgate Environmental Management, Inc.
Project # 1241.03
Former Westlake French Dry Cleaners
247 Westlake Center
Daly City, California

TEG Project #60126E

EPA Method 8260B VOC Analyses of SOIL VAPOR in micrograms per cubic meter of Vapor

SAMPLE NUMBER:		VEW-3A	VEW-3B	VEW-3B dup
SAMPLE DEPTH (feet):		30.0	65.0	65.0
PURGE VOLUME:		3	3	3
COLLECTION DATE:		1/26/16	1/26/16	1/26/16
COLLECTION TIME:		08:29	08:47	08:48
DILUTION FACTOR:		1	1	1
	RL			
Dichlorodifluoromethane	100	nd	nd	nd
Vinyl Chloride	100	nd	nd	nd
Chloroethane	100	nd	nd	nd
Trichlorofluoromethane	100	nd	nd	nd
1,1-Dichloroethene	100	nd	nd	nd
1,1,2-Trichloro-trifluoroethane	100	nd	nd	nd
Methylene Chloride	100	nd	nd	nd
trans-1,2-Dichloroethene	100	nd	nd	nd
1,1-Dichloroethane	100	nd	nd	nd
cis-1,2-Dichloroethene	100	nd	nd	nd
Chloroform	100	nd	nd	nd
1,1,1-Trichloroethane	100	nd	nd	nd
Carbon Tetrachloride	100	nd	nd	nd
1,2-Dichloroethane	100	nd	nd	nd
Benzene	80	nd	nd	nd
Trichloroethene	100	nd	nd	nd
Toluene	200	nd	nd	nd
1,1,2-Trichloroethane	100	nd	nd	nd
Tetrachloroethene	100	nd	nd	nd
Ethylbenzene	100	nd	nd	nd
1,1,1,2-Tetrachloroethane	100	nd	nd	nd
m,p-Xylene	200	nd	nd	nd
o-Xylene	100	nd	nd	nd
1,1,2,2-Tetrachloroethane	100	nd	nd	nd
Isopropyl Alcohol (leak check)	10000	nd	nd	nd
Surrogate Recovery (DBFM)		94%	95%	97%
Surrogate Recovery (Toluene-d8)		88%	89%	91%
Surrogate Recovery (1,4-BFB)		89%	90%	89%

'RL' Indicates reporting limit at a dilution factor of 1
'nd' Indicates not detected at listed reporting limits

Analyses performed in TEG-Northern California's lab
Analyses performed by: Mr. Leif Jonsson

11350 Monier Park Place, Rancho Cordova, CA 95742 • Phone (916) 853-8010 • Fax (916) 853-8020

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Northgate Environmental Management, Inc.
Project # 1241.03
Former Westlake French Dry Cleaners
247 Westlake Center
Daly City, California

TEG Project #60126E

CALIBRATION DATA - Calibration Check Compounds

	Vinyl Chloride	1,1 DCE	Chloroform	1,2 DCP	Toluene	Ethylbenzene
Midpoint	10.0	10.0	10.0	10.0	10.0	10.0
Continuing Calibration - Midpoint						
1/26/16	10.4	9.3	8.0	10.3	9.8	9.3
	104%	93%	80%	103%	98%	93%

2 March 2016

Mr. Axel Rieke
Northgate Environmental Management, Inc.
428 13th Street, 4th Floor
Oakland, CA 95612

SUBJECT: DATA REPORT - Northgate Environmental Management, Inc. Project # 1241.03
Former Westlake French Dry Cleaners
247 Westlake Center, Daly City, California

TEG Project # 60217F

Mr. Rieke:

Please find enclosed a data report for the samples analyzed from the above referenced project for Northgate Environmental Management, Inc. The samples were analyzed on site in TEG's mobile laboratory. TEG conducted a total of 12 analyses on 12 soil vapor samples.

-- 12 analyses on soil vapors for volatile organic hydrocarbons by EPA method 8260B.

The results of the analyses are summarized in the enclosed tables. Applicable detection limits and calibration data are included in the tables.

TEG appreciates the opportunity to have provided analytical services to Northgate Environmental Management, Inc on this project. If you have any further questions relating to these data or report, please do not hesitate to contact us.

Sincerely,

Mark Jerpbak
Director, TEG-Northern California

teg

Northgate Environmental Management, Inc.
Project # 1241.03
Former Westlake French Dry Cleaners
247 Westlake Center
Daly City, California

TEG Project #60217F

EPA Method 8260B VOC Analyses of SOIL VAPOR in micrograms per cubic meter of Vapor

SAMPLE NUMBER:		Syringe Blank	VEW-1A	VEW-1B	VEW-2A	VEW-2B
SAMPLE DEPTH (feet):			30.0	65.0	30.0	65.0
PURGE VOLUME:			3	3	3	3
COLLECTION DATE:		2/17/16	2/17/16	2/17/16	2/17/16	2/17/16
COLLECTION TIME:		08:01	12:54	13:46	12:00	12:01
DILUTION FACTOR:		1	1	1	1	1
	RL					
Dichlorodifluoromethane	100	nd	nd	nd	nd	nd
Vinyl Chloride	100	nd	nd	nd	nd	nd
Chloroethane	100	nd	nd	nd	nd	nd
Trichlorofluoromethane	100	nd	nd	nd	nd	nd
1,1-Dichloroethene	100	nd	nd	nd	nd	nd
1,1,2-Trichloro-trifluoroethane	100	nd	nd	nd	nd	nd
Methylene Chloride	100	nd	nd	nd	nd	nd
trans-1,2-Dichloroethene	100	nd	nd	nd	nd	nd
1,1-Dichloroethane	100	nd	nd	nd	nd	nd
cis-1,2-Dichloroethene	100	nd	nd	nd	nd	nd
Chloroform	100	nd	nd	nd	nd	nd
1,1,1-Trichloroethane	100	nd	nd	nd	nd	nd
Carbon Tetrachloride	100	nd	nd	nd	nd	nd
1,2-Dichloroethane	100	nd	nd	nd	nd	nd
Benzene	80	nd	nd	nd	nd	nd
Trichloroethene	100	nd	nd	nd	nd	nd
Toluene	200	nd	nd	nd	nd	nd
1,1,2-Trichloroethane	100	nd	nd	nd	nd	nd
Tetrachloroethene	100	nd	nd	130	nd	330
Ethylbenzene	100	nd	nd	nd	nd	nd
1,1,1,2-Tetrachloroethane	100	nd	nd	nd	nd	nd
m,p-Xylene	200	nd	nd	nd	nd	nd
o-Xylene	100	nd	nd	nd	nd	nd
1,1,2,2-Tetrachloroethane	100	nd	nd	nd	nd	nd
Isopropyl Alcohol (leak check)	10000	nd	nd	nd	nd	nd
Surrogate Recovery (DBFM)		88%	88%	87%	84%	81%
Surrogate Recovery (Toluene-d8)		96%	98%	98%	98%	99%
Surrogate Recovery (1,4-BFB)		86%	85%	80%	83%	86%

'RL' Indicates reporting limit at a dilution factor of 1
'nd' Indicates not detected at listed reporting limits

Analyses performed in TEG-Northern California's lab
Analyses performed by: Ms. Stephanie Clark

11350 Monier Park Place, Rancho Cordova, CA 95742 • Phone (916) 853-8010 • Fax (916) 853-8020

teg

Northgate Environmental Management, Inc.
Project # 1241.03
Former Westlake French Dry Cleaners
247 Westlake Center
Daly City, California

TEG Project #60217F

EPA Method 8260B VOC Analyses of SOIL VAPOR in micrograms per cubic meter of Vapor

SAMPLE NUMBER:		VEW-3A	VEW-3B	VMP-1-10	VMP-1-30	VMP-1-50
SAMPLE DEPTH (feet):		30.0	65.0	10.0	30.0	50.0
PURGE VOLUME:		3	3	3	3	3
COLLECTION DATE:		2/17/16	2/17/16	2/17/16	2/17/16	2/17/16
COLLECTION TIME:		10:53	10:55	08:30	08:31	09:15
DILUTION FACTOR:		1	1	1	1	1
	RL					
Dichlorodifluoromethane	100	nd	nd	nd	nd	nd
Vinyl Chloride	100	nd	nd	nd	nd	nd
Chloroethane	100	nd	nd	nd	nd	nd
Trichlorofluoromethane	100	nd	nd	nd	nd	nd
1,1-Dichloroethene	100	nd	nd	nd	nd	nd
1,1,2-Trichloro-trifluoroethane	100	nd	nd	nd	nd	nd
Methylene Chloride	100	nd	nd	nd	nd	nd
trans-1,2-Dichloroethene	100	nd	nd	nd	nd	nd
1,1-Dichloroethane	100	nd	nd	nd	nd	nd
cis-1,2-Dichloroethene	100	nd	nd	nd	nd	nd
Chloroform	100	nd	nd	nd	nd	nd
1,1,1-Trichloroethane	100	nd	nd	nd	nd	nd
Carbon Tetrachloride	100	nd	nd	nd	nd	nd
1,2-Dichloroethane	100	nd	nd	nd	nd	nd
Benzene	80	nd	nd	nd	nd	nd
Trichloroethene	100	nd	nd	nd	nd	nd
Toluene	200	nd	nd	nd	nd	nd
1,1,2-Trichloroethane	100	nd	nd	nd	nd	nd
Tetrachloroethene	100	nd	nd	nd	940	200
Ethylbenzene	100	nd	nd	nd	nd	nd
1,1,1,2-Tetrachloroethane	100	nd	nd	nd	nd	nd
m,p-Xylene	200	nd	nd	nd	nd	nd
o-Xylene	100	nd	nd	nd	nd	nd
1,1,2,2-Tetrachloroethane	100	nd	nd	nd	nd	nd
Isopropyl Alcohol (leak check)	10000	nd	nd	nd	nd	nd
Surrogate Recovery (DBFM)		87%	92%	88%	91%	86%
Surrogate Recovery (Toluene-d8)		98%	102%	99%	98%	97%
Surrogate Recovery (1,4-BFB)		86%	85%	84%	84%	83%

'RL' Indicates reporting limit at a dilution factor of 1
'nd' Indicates not detected at listed reporting limits

Analyses performed in TEG-Northern California's lab
Analyses performed by: Ms. Stephanie Clark

11350 Monier Park Place, Rancho Cordova, CA 95742 • Phone (916) 853-8010 • Fax (916) 853-8020

teg

Northgate Environmental Management, Inc.
Project # 1241.03
Former Westlake French Dry Cleaners
247 Westlake Center
Daly City, California

TEG Project #60217F

EPA Method 8260B VOC Analyses of SOIL VAPOR in micrograms per cubic meter of Vapor

SAMPLE NUMBER:		VMP-1-60	TR-7	TR-7 dup
SAMPLE DEPTH (feet):		60.0	0.5	0.5
PURGE VOLUME:		3	3	3
COLLECTION DATE:		2/17/16	2/17/16	2/17/16
COLLECTION TIME:		09:16	10:04	10:04
DILUTION FACTOR:		1	1	1
	RL			
Dichlorodifluoromethane	100	nd	nd	nd
Vinyl Chloride	100	nd	nd	nd
Chloroethane	100	nd	nd	nd
Trichlorofluoromethane	100	nd	nd	nd
1,1-Dichloroethene	100	nd	nd	nd
1,1,2-Trichloro-trifluoroethane	100	nd	nd	nd
Methylene Chloride	100	nd	nd	nd
trans-1,2-Dichloroethene	100	nd	nd	nd
1,1-Dichloroethane	100	nd	nd	nd
cis-1,2-Dichloroethene	100	nd	nd	nd
Chloroform	100	nd	nd	nd
1,1,1-Trichloroethane	100	nd	nd	nd
Carbon Tetrachloride	100	nd	nd	nd
1,2-Dichloroethane	100	nd	nd	nd
Benzene	80	nd	nd	nd
Trichloroethene	100	nd	nd	nd
Toluene	200	nd	nd	nd
1,1,2-Trichloroethane	100	nd	nd	nd
Tetrachloroethene	100	410	nd	nd
Ethylbenzene	100	nd	nd	nd
1,1,1,2-Tetrachloroethane	100	nd	nd	nd
m,p-Xylene	200	nd	nd	nd
o-Xylene	100	nd	nd	nd
1,1,2,2-Tetrachloroethane	100	nd	nd	nd
Isopropyl Alcohol (leak check)	10000	nd	nd	nd
Surrogate Recovery (DBFM)		87%	89%	84%
Surrogate Recovery (Toluene-d8)		97%	99%	94%
Surrogate Recovery (1,4-BFB)		86%	88%	80%

'RL' Indicates reporting limit at a dilution factor of 1
'nd' Indicates not detected at listed reporting limits

Analyses performed in TEG-Northern California's lab
Analyses performed by: Ms. Stephanie Clark

11350 Monier Park Place, Rancho Cordova, CA 95742 • Phone (916) 853-8010 • Fax (916) 853-8020

Northgate Environmental Management, Inc.
Project # 1241.03
Former Westlake French Dry Cleaners
247 Westlake Center
Daly City, California

TEG Project #60217F

CALIBRATION DATA - Calibration Check Compounds

	Vinyl Chloride	1,1 DCE	Chloroform	1,2 DCP	Toluene	Ethylbenzene
Midpoint	10.0	10.0	10.0	10.0	10.0	10.0
Continuing Calibration - Midpoint						
2/17/16	8.3	8.6	9.9	10.7	10.2	9.8
	83%	86%	99%	107%	102%	98%

Sub-slab and Groundwater Sampling Results
Former Westlake French Dry Cleaners
247 Westlake Center
Daly City, California

Kimco Westlake LP
c/o Jon K. Wactor
Wactor & Wick LLP
Oakland, California

8 August 2011
Project No. 730487803

Treadwell&Rollo
A LANGAN COMPANY

Treadwell&Rollo
A LANGAN COMPANY

8 August 2011
Project 730487803

Kimco Westlake LP
c/o Jon K. Wactor, Esq.
Wactor & Wick LLP
180 Grand Avenue, Suite 950
Oakland, California 94612

Subject: Sub-slab and Groundwater Sampling Results
Former Westlake French Dry Cleaners
247 Westlake Center
Daly City, California
GPP Site 229066

Dear Mr. Wactor:

Treadwell & Rollo, a Langan Company, submits its Sub-slab and Groundwater Sampling Results Report for the Former Westlake French Dry Cleaners at the Westlake Shopping Center in Daly City, California. In performing this investigation, we have endeavored to observe that degree of care and skill generally exercised by other consultants undertaking similar studies at the same time, under similar circumstances and conditions, and in the same geographical area.

We appreciate the opportunity to assist you with this project. If you have any questions, please contact us.

Sincerely yours,
Treadwell & Rollo, A Langan Company



Michael D. Chendorain, P.E.
Senior Project Engineer

Jeffrey F. Ludlow, R.G.
Senior Associate

730487803.06 MDC

Attachments

cc: Ms. Amy DeMasi – County of San Mateo Heath Department, Groundwater Protection Program

Treadwell&Rollo
A LANGAN COMPANY

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SUB-SLAB AND GROUNDWATER SAMPLING RESULTS
FORMER WESTLAKE FRENCH DRY CLEANERS
Daly City, California

1.0 INTRODUCTION AND BACKGROUND

This report presents the results of Treadwell & Rollo, A Langan Company (T&R), sub-slab and groundwater sampling at the former Westlake French Dry Cleaners at 247 Westlake Center in Daly City, California (Site). The Site location is illustrated on Figure 1. The sampling was performed on behalf of Kimco Westlake LP (Kimco).

In response to a letter from the San Mateo County Health System's Groundwater Protection Program (GPP) dated 1 October 2009, T&R prepared and submitted a work plan to the GPP on 11 February 2010. This work plan provided a scope of work intended to respond to comments in GPP's letter dated 1 October 2009. On 13 July 2010, the GPP provided significant comments on the work plan. During a telephone call on 24 August 2010 with the GPP case worker to discuss the comments, the case worker suggested performing sub-slab sampling in lieu of soil vapor sampling to more directly evaluate vapor intrusion indoor air risks related to apparent releases from the former dry cleaners. Based on this conversation, T&R revised its work plan and submitted it to the GPP on 16 December 2010. The GPP provided minor comments in a letter dated 18 March 2011. T&R responded to those comments with a work plan addendum dated 30 March 2011. During a telephone call on 19 April 2011, the GPP case worker provided additional comments which were addressed in clarification letter dated 29 April 2011 from T&R to the GPP. The final scope of work was approved by the GPP in its letter dated 3 May 2011. References to this correspondence are provided in the references section.

1.1 Site Description and History

The Site is a 3,280 square foot commercial suite formerly occupied by a dry cleaner at the Westlake Shopping Center (Figure 2). The suite is part of parcel number 002-170-230. The Westlake Shopping Center is reportedly an approximately 560,000 square foot complex of multiple buildings occupied by over 150 tenants (ADR, 2002a). The shopping center is surfaced with asphalt and concrete parking lots and sidewalks interspersed with landscaped areas. The shopping center was first developed in the mid-1950s and expanded to its current configuration by the early to mid-1960s. Prior to the development of the

shopping the area was a mixture of agriculture land and riparian habitat and vegetated stream way (ADR, 2002b).

The former Westlake French Dry Cleaners was in operation from 1955 to June 2009 and at the time covered 2,300 square feet. The space was then expanded in 2009 to 3,280 square feet and is currently occupied by a T-Mobile retail store. The former dry cleaners operations used tetrachloroethene (PCE) in its daily operations. Operations equipment included the dry cleaning machine and a compressor. In addition, a drain was observed in the restroom space. These features are shown on Figure 2.

An interview with a former dry cleaners employee by ADR Environmental Group, Inc. (ADR) in 2002 revealed that at least between 1987 and 2002 PCE was used and stored in a base holding tank of the dry cleaning machine utilized at the Site. Reportedly, this dry cleaning machine was a dry-to-dry unit which was not connected to the sewer system and had secondary containment. PCE sludge generated at the site was stored in a 30-gallon drum adjoining the dry cleaning machine. This waste container did not have secondary containment. Minor staining of the concrete floor underlying this container was noted during a Phase I Environmental Site Assessment (ESA) performed by ADR in 2002 (ADR, 2002a). The nearest floor drain to the dry cleaning machine was located in an adjoining boiler room. No staining was observed around this drain by ADR in 2002. The Phase I ESA by ADR in 2002 further noted that a private disposal company, Safety Kleen, collected and removed approximately 15 gallons of PCE per month.

The shopping center is in a neighborhood of retail commercial and residential properties.

Adjacent properties include two story residential buildings approximately 100 feet east of the Site (along Park Plaza Drive), and commercial buildings and parking areas in the shopping center (shops, retails, and restaurants) to the north, south and west of the Site (Figure 2).

1.2 Summary of Previous Environmental Investigations

Several investigations have been performed at the Site since 2002 including Phase I and II ESAs by Kleinfelder and ADR in 2002, and more recent subsurface investigations by T&R in 2010 and 2011. Investigations by ADR and Kleinfelder were to evaluate the entire Westlake shopping center where the former Westlake French Dry Cleaners was located.

The Phase I ESA performed by Kleinfelder in 2002 noted the former Westlake French Dry Cleaners operations but did not identify it as a recognized environmental condition (Kleinfelder, 2002b). However a Phase II investigation was performed by Kleinfelder later that year (Kleinfelder, 2002a, 2002c). The Phase I ESA performed by ADR in 2002 noted the presence of the dry cleaner and included a review of Phase II investigation results performed by Kleinfelder and ADR. Those results are summarized below. No other environmental conditions related to the Dry Cleaner operations or potential release of PCE and its degradation daughter products were noted (ADR, 2002b).

To date (and including the recent investigation performed by T&R in 2011 and described in Section 3) Site investigations have included the following:

- Collection and analyses of 17 soil vapor samples from 9 locations;
- Collection and analysis of 2 groundwater samples from 2 locations;
- Collection and analysis of 7 soil samples from 5 locations; and
- Collection and analysis of 6 sub-slab vapor samples.

The locations for all samples are shown on Figure 3 and presented in Tables 1 through 4. The results of the sampling prior to the 2011 T&R sub-slab, soil, and groundwater sampling indicated the following:

- No volatile organic compounds (VOCs) were detected in any soil sample. Soil samples were collected inside the Site, in the immediate vicinity (within 5 feet) of the former dry cleaning equipment and restroom drains, along the sewer line, and at the upgradient deep boring location, DB-1 (Figure 3). Soil samples were collected to depths up to 15 feet on-Site and at 60 and 84 feet below ground surface (bgs) at boring DB-1 (Table 1). Soil sampling was performed in 2002 by Kleinfelder and ADR (Kleinfelder 2002a, 2002c; ADR, 2002a).

- PCE has been detected in soil vapor at concentrations exceeding both the residential and commercial Environmental Screening Levels (ESLs) of 410 and 1,400 micrograms per cubic meter ($\mu g/m^3$) (RWQCB, 2008) as shown in Table 2. The maximum PCE soil vapor concentrations were detected at 5 and 10 feet bgs from ADR boring B-3 at concentrations of 23,000 and 17,000 $\mu g/m^3$, respectively (Figure 3). Boring B-3 was advanced at a location adjacent to the Site and within 10 feet of the former dry cleaning

equipment, 5 feet from the restroom drain, and at the sewer line. Soil vapor concentrations were detected off-Site at concentrations ranging from below laboratory detection limits (from boring TR-4 located on the eastern site of Park Plaza drive) to 14,000 µg/m^3 (from boring TR-3 located just off-Site, Figure 3). Soil vapor sampling was performed by ADR in 2002 and T&R in 2010 (ADR, 2002a; T&R, 2009).

Other detected VOCs in soil vapor include TCE, chloroform, benzene, and 1,1,2,2-tetrachloroethane (1,1,2,2-PCA). TCE was only detected at one location, boring B-2 at 5 feet and may indicate some natural attenuation is occurring at this location. Acetone, 2-butanone (MEK), chloroform, benzene, and 1,1,2,2-PCA were all detected off-Site at locations along Park Plaza Drive. Of these VOCs only benzene and 1,1,2,2-PCA were found at concentrations exceeding their residential ESL. Benzene is a common constituent in gasoline and is commonly present in soil vapor below roadways. 1,1,2,2-PCA is a known refrigerant. The source of the 1,1,2,2-PCA is unknown but is unlikely to be attributed to the Site.

- Prior to the recent groundwater sampling, the only groundwater sample collected was from boring DB-1 at a depth of approximately 84 feet bgs (Table 3). No VOCs were detected in this sample, however this sample was collected from a location apparently upgradient of the Site (Kleinfelder, 2002c).

- An August 2002 video survey of the sanitary sewer lateral at the Site identified a crack in the sewer lateral approximately 23 feet from the dry cleaner facility restrooms (Figure 3, ADR, 2002a).

- T&R evaluated indoor air risks related to the vapor intrusion inhalation pathway in 2009. The results of the evaluation indicated an excess lifetime cancer risk for commercial use receptors on-Site of $1.1x10^{-6}$ and $1.1x10^{-7}$ for off-Site residential use receptors (T&R, 2009). The results of the evaluation estimated noncarcinogenic hazard quotients to be 0.015 on-Site and 0.0015 off-Site. Consistent with the National Contingency Plan (NCP), a risk range of 10^{-4} to 10^{-6} is considered to be a generally acceptable range for excess cancer risk levels associated with exposure to Chemicals of Potential Concern (COPCs), and risk-based concentrations equal to an excess lifetime cancer risk of 10^{-6} are used as a starting point for purposes of making remedial decisions. As noted in Section 4.2 of

the Water Board's ESL document, "Remediation is generally warranted at sites where the estimated cancer risk exceeds 10^{-4}. For sites where the estimated risk is between 10^{-4} and 10^{-6}, the need for active remediation is evaluated on a site specific basis (i.e., risks within this range are potentially acceptable, depending on site-specific considerations)" (Water Board, 2008). For cumulative risk for chemicals that are not carcinogens the point of departure is a noncancer HI of 1.[1] A departure point of 1 assumes that risks associated with all noncarcinogenic COPCs have been calculated.

- In its review letter dated 1 October 2009, the GPP raised the following specific concerns with the risk evaluation:
  - On-Site risks should be evaluated using residential receptors;
  - On-Site commercial risks should be evaluated using existing construction parameters, rather than conservative default parameters;
  - The soil temperature of 60°C seems high for Bay Area soils;
  - Bulk density estimates from samples collected using a 2-inch diameter sample sleeve represents a deviation from ASTM 6169 which recommends using 2.5-inch diameter samples or greater; and
  - Field laboratory calibration and quality control data was not provided in the report.

Based on the above comments and conversations with the GPP, the investigation approach to further evaluate indoor air inhalation risks via the vapor intrusion pathway the next phase of work was to focus on sub-slab vapor and grab-groundwater investigation. The results of which are provided in Section 3. In addition, while the soil temperature was mistakenly input as 60°C rather than 60°F, the model used is highly insensitive to soil temperature and the result is not changed whether 60°C is used as the input or 15.6°C (60°F) is used.

1.3 Geology and Hydrogeology

Soil lithology based on the borings advanced at the Site and surrounding areas indicate that the area is underlain primarily by coarse-grained silty sand and/or sand from the ground surface to the maximum

[1] The National Oil and Hazardous Substances Pollution Contingency Plan (NCP), (U.S. EPA, Code of Federal Regulations, Title 40, Part 300.430[e][2]).

explored depth of 89.5 feet bgs (boring DB-1, Kleinfelder 2002c). A cross section was developed as Figure 4 which illustrates vertical features at the Site.

Groundwater at the Site was previously measured at a depth of 84 feet bgs in boring DB-1 (Kleinfelder, 2002c). Groundwater flow direction is anticipated to be to the northeast, based on monitoring well data from properties 600 feet northwest and 3,700 feet south of the Site (CRA, 2011; Stantec, 2010). The Site is located within the San Mateo Subbasin of the Santa Clara Valley Groundwater Basin (DWR, 2004). The City of Daly City obtains 50% of its municipal water from groundwater located deeper than 260 feet bgs (Daly City, 2011; Brown, 2011). The nearest active groundwater well is approximately 0.33 miles southwest and upgradient from the Site (Brown, 2011). This well, known as the Westlake Well, is operated by the City of Daly City. Groundwater is pumped from this well at an approximate rate of 480 gallons per minute (gpm) while pumping and is screened from 340 to 650 feet bgs. The next closest well is 0.8 miles southeast and crossgradient from the Site. This well, known as Well #4, is also operated by the City of Daly City which pumps groundwater at rate of 600 gpm while pumping. The duration of the pumping for both of these wells fluctuates daily and annually and is based on consumption needs. This well is screened from 260 to 500 feet bgs. Currently there are three wells scheduled to be installed at a location approximately 0.4 miles southeast and crossgradient of the Site. These wells will be operated by the San Francisco Water District and at this time, details on their construction and schedule were unavailable (Brown, 2011). The locations of these water supply wells are shown on Figure 1.

2.0 OBJECTIVE AND SCOPE OF SERVICES

The objective of T&R's sub-slab vapor and grab-groundwater sampling was to 1) collect soil vapor data from directly below the building slab to evaluate vapor intrusion human health risk at the Site and; 2) to evaluate groundwater quality beneath the source area (near to the former equipment location and sewer line). The scope of services for this phase of work included:

- Obtaining drilling and encroachment permits from the City of Daly City to drill one boring;
- Preparing a site-specific health and safety plan;
- Collect for laboratory analysis, sub-slab soil vapor samples at six locations in general accordance with the sampling protocol outlines in the California Environmental Protection Agency's Department of Toxic Substances Control (DTSC) "Advisory – Active Soil Gas Investigation, Draft for Review" dated March 3, 2010 (DTSC, 2010); and the County of San Mateo Health

Department, Public Health and Environmental Protection Division (SMEHD) guidance in the Subsurface Vapor Sampling for Human Health Risk Evaluation January 2007 protocols (SMEHD, 2007);

- Collect for laboratory analysis, one groundwater sample from one boring;
- Evaluating potential vapor intrusion to indoor air risk;
- Revising the Site Conceptual Model; and
- Preparing this report.

3.0 FIELD INVESTIGATION

To meet the project objectives discussed in Section 2.0, we performed sub-slab vapor and grab-groundwater sampling at the Site. The field-sampling program included the following tasks:

- Contacting Underground Services Alert (USA) to help establish the approximate location of subsurface utilities within the area to be explored;
- Performing a subsurface utility survey by California Utility Surveys, an underground utility locator, to clear each boring location for underground utilities;
- Installing six (6) permanent sub-slab vapor points, conducting a purge volume test, sampling six (6) sub-slab vapor points and one duplicate sub-slab vapor sample for Quality Assurance/Quality Control (QA/QC) purposes and submitting them to an off-site analytical laboratory
- Installing one (1) angled boring and one (1) vertical boring, for the purpose of collecting grab groundwater samples for chemical analysis by an off-site analytical laboratory;
- Logging borings and classifying soils following the Unified Soil Classification System (USCS);
- Abandoning the soil/groundwater borings with Portland cement after sample collection.

3.1 Grab-Groundwater Sampling and Laboratory Analyses

On 2 June 2011, an angled boring (TR-3A) was advanced with an angle of 45° from a distance of approximately 45 feet from the source area, to collect a grab-groundwater sample from beneath the former dry cleaner space. Gregg Drilling and Testing of Martinez, CA, a California-licensed driller performed the drilling. A sonic drill rig with aqua-lock sampler was used to advance the angled boring.

Drill rig refusal was encountered at 78 feet (angled) bgs before reaching groundwater due to the increased friction from the pressure of the overlying soil. This angled depth of 78 feet equates to 55 feet bgs vertically and 55 feet horizontally based on a 45° drilling angle. It should be noted that angled borings encounter refusal at depths, where vertical boring would not, due to the increased friction from the pressure of the overlying soil. A second vertical boring, TR-3B, was then installed at the same location as TR-3A using a sonic drill rig. At the second location, drill rig refusal was encountered again at a vertical depth of approximately 55 feet bgs. On 3 June 2011, T&R returned to the Site with a tracked drill rig and continued drilling with hollow stem augers at boring location TR-3B. Groundwater was encountered at a depth of approximately 78 feet bgs and the boring was terminated at approximately 81.5 feet bgs. This sampling location is located approximately 50 feet downgradient of the back of the former dry cleaners space. During logging, no VOCs were detected using a PID in any of the boring attempts. Soil from TR-3A and TR-3B was logged at 5-foot intervals using the Unified Soil Classification System (USCS). The boring locations are illustrated on Figure 3. The boring logs are provided in Appendix A.

After advancing to the maximum depth, the drill rods were removed and a one-inch diameter slotted PVC casing was lowered into the open boring. A grab-groundwater sample, TR-3-GW, was then collected using a disposable bailer. The groundwater sample was contained in three laboratory-supplied 40-ml vials preserved with hydrochloric acid (HCl), labeled, and immediately placed in an iced cooler. The sample was submitted to Curtis and Tompkins Ltd (C&T), a California certified analytic laboratory under Chain of Custody (COC) protocols. The sample was analyzed for VOCs by EPA Method 8260B. After sample collection, the borings TR-3A and TR-3B were backfilled with neat cement grout under authorization from the City of Daly City, Department of Water and Wastewater Resources. All drilling and sampling equipment was washed with a detergent and/or steam-cleaned prior to each use. Soil cuttings and decontamination rinsate were contained in drums on-Site.

3.2 Sub-Slab Vapor Sampling and Analysis

On 6 and 7 June 2011, T&R supervised installation of reusable sub-slab vapor sampling ports at 6 locations (TR-5 through TR-10). A 5/16-inch diameter hole was drilled through the slab using a drill and spline bit. The thickness of the slab was noted to be approximately 5 inches at all locations. A 1/4-inch stainless steel tube with threaded fitting was inserted in the borehole such that the bottom of the tubing was even with the bottom of the slab. A threaded cap was placed on the threaded fitting of the steel

tube and the annular space was grouted. TEG Northern California Inc. (TEG) of Rancho Cordova, CA, a California-licensed driller provided the sub-slab vapor points installation. Figure 3 shows the sample locations. Figure 5 illustrates the sub-slab sampling setup. The following section presents details of the sampling and laboratory analytical procedures.

Sub-slab vapor samples were collected at least 48 hours after installation in general accordance with procedures established by the DTSC and SMEHD using helium shrouds that were assembled and supplied by C&T. The helium shroud is used in leak testing to create an external atmosphere with a known concentration of helium to compare to any detected leaks within the sample tubing. The helium shroud consists of a clear plastic box with a purge port and helium gas port, and a sampling train with a 3 port valve (*Purge, Sample* and *Off* positions). The sampling trains/shrouds used for the sub-slab vapor sampling were pre-set to a flow rate of approximately 50 milliliters per minute (ml/min) by C&T, as specified in the DTSC March 2010 guidance document.

To establish the optimum purge volume for collecting sub-slab vapor samples, a purge volume test was performed at sample location TR-7 on 9 June 2011. During the sub-slab vapor purging and sampling activities, the sub-slab vapor point was connected to the sampling train using ¼" Teflon tubing. A 1.4-liter summa canister was attached to the other end of the sampling train. A portable helium gauge was placed inside the shroud and the lid was tightly closed. Prior to purging or sampling activities, helium tracer gas was released into the enclosure beneath the shroud via a helium gas port. While the helium concentration was being established, the well purge train was assembled by placing a helium detector between the shroud and a new disposable hand-held 50-mL syringe. With the helium atmosphere established in the shroud at 20%, the sample train was purged. Samples were collected in the 1.4-liter sample canisters after withdrawing one, three and ten equivalent volumes of the sample tubing to evaluate which purge volume yielded the highest results. The 3 sample canisters were sent to C&T for VOC analysis using EPA Method TO-15 under COC protocol. Based on the results of the purge volume test at location TR-7, ten equivalent volumes of the sample tubing were purged prior to sampling at each of the other locations on 14 June 2011. For quality assurance / quality control purposes, one duplicate sample was collected at location TR-10. All samples were analyzed for VOCs by EPA Method TO-15. Copies of laboratory analytical reports are included in Appendix B. Following sample collection, each sub-slab vapor point was secured by fitting the threaded cap on to the threaded fitting of the stainless steel tube.

3.3 Grab-Groundwater Analytical Results

From boring TR-3B, at a sampling depth of 78.6 to 81.5 feet bgs, PCE and 1,2,4-Trimethylbenzene (1,2,4-TMB) were detected above laboratory reporting limits. PCE was detected at a concentration of 9.6 micrograms per liter (µg/L) which exceeds its drinking water maximum contaminant level (MCL) of 5 µg/L but is below its residential ESL for vapor intrusion of 120 µg/L. 1,2,4-TMB was detected at a concentration of 0.6 µg/L. There is no MCL or ESL established for 1,2,4-TMB.

3.4 Sub-Slab Vapor Sample Results

Sub-slab vapor samples were collected at 6 locations (TR-5 through TR-10) and analyzed for VOCs by EPA Method TO-15. The following compounds were detected above the laboratory reporting limits: PCE, TCE, Acetone, Methyl Ethyl Ketone (MEK), Carbon Disulfide, 1,2-Dichlorobenzene, Ethylbenzene, 4-Methyl-2-Pentanone, Propylene, Toluene and m,p-Xylenes. No other VOCs were detected above the laboratory reporting limits.

There is no Regional Water Quality Control Board ESL or DTSC California Human Health Screening Level (CHHSL) for sub-slab vapor concentrations. However the sub-slab screening level can be estimated by multiplying the compound's indoor air ESL by an assumed slab attenuation factor. In the absence of a Site-specific slab attenuation factor, the DTSC recommends using a conservative value of 0.01 as a default (DTSC, 2004). Using this default value, sub-slab screening levels were estimated for both residential and commercial receptors. The estimated screening levels are provided in Table 4.

PCE was detected above the laboratory reporting limit in all six subslab samples analyzed with concentrations ranging from 25 µg/m^3 to 7,100 µg/m^3. Of the six samples detected, five exceeded the estimated sub-slab screening levels for commercial use (69 µg/m^3) and residential use (41 µg/m^3) when the conservative, default slab attenuation factors are used. None of the other detected VOCs exceeded their corresponding estimated sub-slab vapor screening levels for commercial or residential use when the default slab attenuation factors are used (Table 4).

4.0 EVALUATION FOR VAPOR INTRUSION

As indicated in Section 3, sub-slab screening levels were based on a conservative value recommended by the DTSC of 0.01 (DTSC, 2004). However sub-slab to indoor air attenuation factors measured by others

have been estimated as low as $1x10^{-7}$ (McCafferty, 2008). Nevertheless, in the absence of a Site-specific attenuation factors, risks were evaluated based on sub-slab results and the recommended DTSC attenuation factor. Using a "ratio of proportions" method, the potential excess lifetime cancer risk attributable to modeled risk from measured sub-slab PCE concentrations from the recent sampling was estimated to range between $3.6x10^{-7}$ to $1.0x10^{-4}$ with an average potential risk of $2.1x10^{-5}$ for a commercial use scenario. For a residential use scenario, the potential excess lifetime cancer risk based default attenuation factor was estimated to range between $6.1x10^{-7}$ to $1.7x10^{-4}$ with an average potential risk of $3.5x10^{-5}$. Estimated risks using the lowest attenuation factors reported in the literature would be several orders of magnitude lower than $1x10^{-6}$ (potentially as low as 10^{-12} for both residential and commercial receptors). Therefore estimates based on the DTSC recommended value may result in conservatively high estimates of excess lifetime cancer risks that are higher than risks resulting from actual Site conditions.

For the sub-slab vapor sampling events, the barometric pressure was recorded daily between June 1 and 24, 2011. Data was collected from the Mussel Rock Daly City weather station located approximately 3 miles from the Site. For the 9 June 2011 sampling event, the average barometric pressure changed from 29.98 millimeters of mercury (mm Hg) on the day before sampling to 30.02 mm Hg on the day of sampling. This represents a net increase of 0.04 mm Hg. For the 14 June 2011 sampling event, the average barometric pressure changed from 29.99 mm Hg on the day before sampling to 29.99 mm Hg on the day of sampling. This represents a negligible change in barometric pressure. Between 1 and 24 June 2011, the average barometric pressure decreased from 30.09 mm Hg to 29.89 mm Hg. Barometric pressure changes can influence the rate of vapor intrusion into the indoor air space. Significantly decreasing barometric pressure changes can be expected to increase the rate of vapor intrusion while significantly increasing barometric pressure changes will have the reverse effect. The average changes during the sampling period (i.e. less 0.05 mm Hg) are expected to have a negligible effect.

5.0 CONCEPTUAL SITE MODEL

The following section provides a conceptual site model which includes an evaluation of potential contaminant sources, the distribution of contaminant impacts in the subsurface, potential contaminant sources, and an evaluation of existing data gaps. As discussed in Section 3, the only VOCs detected which exceed MCLs, ESLs, or estimated sub-slab screening levels are PCE, TCE, benzene, and 1,1,2,2-PCA. Of these compounds, only PCE and TCE have been detected on-Site and are known to be

associated with dry cleaner use (TCE as a daughter product to PCE). TCE has not been detected in sub-slab concentrations that exceed its estimated sub-slab screening level for residential or commercial use receptors. Therefore only the distribution of PCE will be discussed. Benzene and 1,1,2,2-PCA are assumed to be associated with a release mechanism separate from dry cleaner or other on-Site operations. Likely, benzene and 1,1,2,2-PCA are related to releases from the roadway under which they were detected.

5.1 Potential Contaminant Sources

5.1.1 Primary Potential Contaminant Sources.

Given the nature of the dry cleaner operations, likely potential contaminant sources are as follows:

- Spills and leaks at and around the dry cleaning equipment; and
- Discharges to the sewer laterals and releases to soil through the identified cracks in the sewer line.

The most likely primary source (or at least the primary source with the greatest impact) is likely from the historical disposal of spent PCE into the sewer lateral from the facility. The basis for this is as follows:

- The highest soil vapor concentrations are located near to the restroom drain and sewer line crack.
- PCE has not been detected in soil. Had a significant spill event been a primary release mechanism, PCE would have been expected to be detected in soil.
- No notable staining had been mentioned in previous Phase I ESAs at or around any equipment, storage containers, or outside of the former facility.
- Sub-slab vapor concentrations are greater northeast of the sewer line rather than west of the sewer line and dry cleaning equipment.

5.1.2 Secondary Potential Contaminant Sources.

Secondary contaminant sources include the media where the residual contaminant is located after the primary release has occurred. In relation to the exposure pathway of concern, indoor air inhalation via vapor intrusion, the only significant secondary contaminant source is soil vapor. This is due to the lack of detected PCE in soil at locations adjacent to and at the dry cleaning equipment and the primary

contaminant source (i.e. the sewer lateral), and the low detected groundwater concentration of PCE (which is significantly below the vapor intrusion residential ESL of 120 µg/L).

5.1.3 Fate and Transport.

Based on the data collected to date and the evaluations performed, the most likely mechanism of release of the PCE is via leaks from the sewer system prior to the time period when off-Site disposal of PCE began. This indicates that PCE releases to the subsurface may have begun in 1955 when operations began until as late as 1987. Therefore it is expected that releases occurred via cracks and other compromises in the sewer line. A known crack has been observed at length of 23 feet from the restroom drain. Once released from the sewer line, the PCE was dispersed as a constituent dissolved in wastewater where it redistributed within the vadose zone mostly into the vapor phase as a result of volatilization. Given the lack of impacts detected in groundwater, most of the PCE remained in the vadose zone in the vapor phase.

Given the minimal detection of PCE daughter products and relative coarse grained soils (silty sand and sand), anaerobic biodegrdation does not play a significant role in the attenuation of the PCE. However given the lack of NAPL in the subsurface (discussed in Section 5.2) and the fact that the dry cleaner no longer operates at the Site, PCE in soil vapor will be expected to slowly decrease in concentration as it diffuses away from the source area.

5.2 Lateral and Vertical Extent of Contamination.

PCE has been detected in soil vapor and groundwater but not in soil. The lateral sub-slab distribution and vertical sub-slab, groundwater, and soil vapor distribution of PCE is shown on Figures 3 and 4, respectively. The lateral soil vapor distribution is shown on Figure 6. The cross section location is shown on Figure 4. Soil vapor PCE concentrations have been detected up to 23,000 µg/m^3 near the former dry cleaner equipment, restroom drains, and sewer lines. The distribution of PCE in soil vapor at depths of 5 and 10 feet bgs are shown on Figure 6. Figure 6 illustrates that the greater soil vapor impacts (i.e. PCE concentrations greater than 10,000 µg/m^3) are likely constrained to the vicinity surrounding the former dry cleaning equipment and sewer lateral over a area of 11,000 square feet (ft^2) at a depth of 5 feet bgs and a 4,000 ft^2 area at 10 feet bgs (Figure 6).

PCE in groundwater has been detected at a concentration of 9.6 µg/L at first groundwater encountered (84 feet bgs from boring TR-3B) located approximately 50 feet east-northeast and approximately downgradient of the former dry cleaner. The lack of detected PCE from soil samples collected in the immediate vicinity (within 5 feet) of the former dry cleaning equipment, restroom drains, and along the sewer line indicate that no residual soil impacts are present at the Site. A concentration of PCE in groundwater of 9.6 µg/L collected within 50 feet of the former dry cleaner is significant evidence that non-aqueous phase liquid was not released at the Site. Had NAPL been present, concentrations at or greater than 1% of the PCE solubility (i.e. 1 % of 200,000 µg/L or a concentration greater than 2,000 µg/L) would have been expected in groundwater (USEPA, 2004).

5.3 Data Gap Evaluation

The following data gaps have been identified as a result of this evaluation:

- The actual attenuation of vapor concentrations through the slab to indoor air is unknown. Therefore, a relevant Site-specific sub-slab PCE vapor concentration equivalent to an excess lifetime cancer risk of $1x10^{-6}$ cannot be calculated.
- The seasonal fluctuation in sub-slab vapor concentration is unknown.
- The vertical distribution of PCE in soil vapor has not been fully evaluated. However given the depth to groundwater and minimal impacts in groundwater near the release area, there is not likely to be a significantly deep plume of PCE in soil vapor.
- The lateral distribution of PCE in sub-slab and soil vapor has not been clearly delineated north, west, and south of the source area.

6.0 CONCLUSIONS AND RECOMMENDATIONS

A sub-slab vapor and grab-groundwater sampling investigation was recently performed to evaluate the distribution of PCE and other VOCs in the subsurface and to evaluate potential risks to inhabitants of the commercial space overlying the PCE in soil vapor via the vapor intrusion pathway. PCE was the only compound likely to result from the former dry cleaner operations at the Site and thus was the focus of the investigation.

Groundwater was found to contain low levels of PCE, slightly above the MCL, and well below the vapor intrusion ESL. Groundwater was encountered at 78 feet bgs. A groundwater sample collected from first groundwater at 80 feet bgs, has a PCE concentration of 9.6 µg/L. While this concentration exceeds the MCL of 5.0 µg/L, there is no current use of groundwater as drinking water source from this location or depth. The nearest supply wells are all either upgradient or crossgradient and groundwater is extracted from a significantly greater depth from these wells (greater than 260 feet bgs). Since this concentration is significantly below the residential ESL of 120 µg/L, there is no risk related to groundwater impacts to downgradient residential receptors.

Soil samples were collected in the immediate vicinity (within 5 feet) of the former dry cleaning equipment and restroom drains, along the sewer line, and at the upgradient deep boring location, DB-1. No VOCs have been detected in any soil sample collected. Based on these data, soil is not an impacted media.

Soil vapor is the main plume of residual PCE at the Site. Sub-slab vapor PCE concentrations measured during the recent investigation ranged from 25 to 7,100 µg/m^3. PCE impacts in soil vapor have been reasonably characterized on the eastern portion of the Site to a depth of 10 feet bgs. The extent of soil vapor impacts have been inferred to the north, west, and south of the former dry cleaners and to depths greater than 10 feet bgs. While PCE concentrations in soil vapor have been detected up to 23,000 µg/m^3 and generally exceed commercial and residential use ESLs, earlier risk evaluations have indicated that detected PCE concentrations translate to low-level risks (i.e. between $1.1x10^{-6}$ for on-Site commercial and $1.1x10^{-7}$ for off-Site residential, T&R, 2010b). In contrast, estimates of risks from sub-slab PCE concentrations and use of conservative default model input factors predict risks ranging between $6.1x10^{-7}$ and $1.7x10^{-4}$ with an average potential risk of $2.1x10^{-5}$ for a commercial use scenario.

In order to refine our existing models for potential vapor intrusion risk, we recommend the following next steps:

- Indoor air sampling should be performed in concert with sub-slab vapor sampling at each current sub-slab vapor location, using protocols specified in the March 2010 DTSC guidance document.

- Collected samples should be analyzed for VOCs by EPA method TO-15 and for Radon-222 using an alpha scintillation counting method (USEPA, 1992). Radon results, as a conservative tracer to vapor intrusion from the subsurface, can be used to confirm indoor air VOC results. The estimated attenuation factors from Radon concentrations and VOC concentrations can be compared and if the results are similar, then VOC concentrations are likely to be due to vapor intrusion. However, if the VOC results indicate higher indoor air concentrations than predicted by the radon attenuation factor, the indoor air VOC concentrations are likely to be due to a source other than the subsurface (King et al, 2010).
- Indoor air and sub-slab samples should be collected semi-annually for one year to assess seasonal variations in PCE concentrations. Barometric air pressure should be recorded prior to, during, and after sampling events.
- A risk evaluation should be performed using site-specific slab attenuation factors.

The results of this proposed evaluation will provide a more site-specific estimate of risks based on both the indoor air conditions and the sub-slab environment using site-specific slab to indoor air attenuation factors. Using these results decisions can be made on whether remedial measures are necessary or if case close may be pursued.

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TABLES

Table 1
Soil Sampling Analytical Results
Former French Dry Cleaners
Daly City California

Sample Location	Date	Depth	PCE	TCE	trans-1,2-DCE	cis-1,2-DCE	Other VOCs
		(feet)	(µg/kg)	(µg/kg)	(µg/kg)	(µg/kg)	(µg/kg)
B-1	06/05/02	4.5 - 6.0	<5.0	<5.0	<5.0	<5.0	<5.0
B-2	06/05/02	3.0 - 4.5	<5.0	<5.0	<5.0	<5.0	<5.0
B-3	06/05/02	1.0 - 3.0	<5.0	<5.0	<5.0	<5.0	<5.0
S1-B1	06/05/02	60	<5.0	<5.0	<5.0	<5.0	<5.0
S2-B1	06/05/02	84	<5.0	<5.0	<5.0	<5.0	<5.0
B-3-1	08/28/02	5	<5.0	<5.0	<5.0	<5.0	<5.0
B-3-3	08/28/02	15	<5.0	<5.0	<5.0	<5.0	<5.0

Notes
PCE - Tetrachloroethene
TCE - Trichloroethene
DCE - Dichloroethene
VOC - Volatile Organic Compound
µg/kg - micrograms per kilogram
Primary samples analyzed by EPA Method 8260B

Table 2
Soil Vapor Sampling Analytical Results
Westlake French Dry Cleaners
Daly City California

Sample Location	Date	Depth	PCE	TCE	Acetone	2-Butanone	Chloroform	Benzene	1,1,2,2-PCA
		(feet bgs)	($\mu g/m^3$)	($\mu g/m^3$)	($\mu g/m^3$)	($\mu g/m^3$)	($\mu g/m^3$)	($\mu g/m^3$)	($\mu g/m^3$)
B-2-5'	08/28/02	5	**5,900**	**2,000**	NA	NA	NA	NA	<100
B-3-5'	08/28/02	5	**23,000**	**200**	NA	NA	NA	NA	<100
B-3-15'	08/28/02	15	**17,000**	**100**	NA	NA	NA	NA	<100
B-4-5'	08/28/02	5	**9,600**	<100	NA	NA	NA	NA	<100
B-5-5'	08/28/02	5	**6,500**	<100	NA	NA	NA	NA	<100
TR-1-5	05/04/09	5	**2,800**	<100	NA	NA	<100	<100	<100
TR-1-10	05/04/09	10	**4,700**	**150**	NA	NA	**130**	<100	<100
TR-2-5	05/04/09	5	**5,800**	<100	NA	NA	<100	<100	<100
TR-2-10	05/04/09	10	**1,700**	<100	NA	NA	<100	**110**	<100
TR-3-5(1)	05/04/09	5	**8,700**	<100	NA	NA	<100	<100	<100
TR-3-5(3)	05/04/09	5	**9,200**	<100	NA	NA	<100	<100	<100
TR-3-5(7)	05/04/09	5	**9,700**	<100	NA	NA	<100	<100	<100
TR-3-10	05/04/09	10	**14,000**	<100	NA	NA	<100	<100	<100
TR-3-10 (dup)	05/04/09	10	**14,000**	<100	NA	NA	<100	<100	<100
TR-3-10 DUP*	05/04/09	10	**9,000**	<31	**68**	**18**	<28	<18	**58**
TR-4-5	05/04/09	5	<100	<100	NA	NA	<100	**140**	<100
TR-4-10	05/04/09	10	**560**	<100	NA	NA	<100	<100	<100
TR-5-5	05/04/09	5	**930**	<100	NA	NA	<100	**130**	<100
TR-5-10	05/04/09	10	**1,200**	<100	NA	NA	<100	<100	<100
ESL (Com)			1,400	4,100	1,800,000	2,900,000	1,500	280	140
ESL (Res)			410	1,200	660,000	1,600,000	460	84	42

Notes
PCE - Tetrachloroethene
TCE - Trichloroethene
1,1,2,2-PCA - 1,1,2,2-Tetrachloroethane
$\mu g/m^3$ - micrograms per cubic meter
ft. bgs - Feet below ground surface
BOLD - Concentration detected at or above the reporting limit
NA - not analyzed
Ten vacuum purge volumes prior to sample collection for all samples
(1,3,7) & (1,3,10) - Three vacuum purge volumes tests prior to sample collection to select optimum purge volume
Except where noted all samples analyzed by EPA Method 8260
* - Sample analyzed using modified EPA Method TO-14A
Exceeds commercial and residential ESL.
Exceeds residential ESL only.
ESL (Res) = Residential Soil Gas Environmental Screening Level for Potential Indoor Air Vapor Intrusion (RWQCB, 2007), Table E-2
ESL (Com) = Commercial Soil Gas Environmental Screening Level for Potential Indoor Air Vapor Intrusion (RWQCB, 2007), Table E-2

Table 3
Grab Groundwater Sampling Analytical Results
Former French Dry Cleaners
Daly City California

Sample Location	Date	Sampling Depth	PCE	1,2,4-TMB	Other VOCs
		(ft bgs)	(µg/L)	(µg/L)	(µg/L)
DB-1	07/25/02	84	ND	ND	ND
TR-4	06/03/11	78.6-81.5	**9.6**	**0.6**	ND
		ESL (Com)	420	NA	NA
		ESL (Res)	120	NA	NA
		MCL	5	NA	NA

Notes
PCE - Tetrachloroethene
1,2,4-TMB - 1,2,4-Trimethylbenzene
VOCs - Volatile Organic Compounds
µg/L - micrograms per liter
ft bgs - feet below ground surface
NA - not available
ND - not detected
BOLD - Concentration detected at or above the reporting limit
Sample analyzed by EPA Method 8260B
Detections above MCL in orange highlight.
MCL - maximum contaminant level
ESL - Environmental Screening Level for Vapor Intrusion Concerns
Com - ESL for commercial structures
Res - ESL for residential structures
ESLs taken from Table E-1a RWQCB, 2008. Screening for Environmental Concerns at Site with Contaminated Soil and Groundwater, Rev. May 2008.

Table 4
Sub-Slab Sampling Analytical Results
Former French Dry Cleaners
Daly City California

Sample Location	Date	Purge Volumes	PCE	TCE	Acetone	MEK	Carbon Disulfide	1,2-DCB	Ethylbenzene	4-Methyl-2-Pentanone	Propylene	Toluene	m,p-Xylenes	Other VOCs
			(µg/m^3)	(µg/m^3)	(µg/m^3)	(µg/m^3)	(µg/m^3)	(µg/m^3)	(µg/m^3)	(µg/m^3)	(µg/m^3)	(µg/m^3)	(µg/m^3)	(µg/m^3)
TR-5	06/14/11	10	94	<5.7	150	37	<3.3	21	4.8	8.4	<1.8	21	12	ND
TR-6	06/14/11	10	890	<5.0	24	6.2	22	<5.6	<4.0	<3.8	<1.6	11	9.2	ND
TR-7	06/09/11	1	640	7.8	40	<2.7	15	<5.6	<4	<3.8	9.5	7.6	8	ND
TR-7	06/09/11	3	1,200	13	30	<5.3	<5.6	<11	<7.8	<7.4	<3.1	<6.8	<7.8	ND
TR-7	06/09/11	10	1,500	17	23	<5.8	<6.1	<12	<8.6	<8.1	<3.4	<7.4	<8.6	ND
TR-8	06/14/11	10	7,100	<63	<110	<34	<36	<70	<51	<48	<20	<44	<51	ND
TR-9	06/14/11	10	25	<4.9	20	4.8	2.9	5.6	<4.0	<3.7	<1.6	6.1	5.3	ND
TR-10	06/14/11	10	640	<5.1	30	11	4.4	8.3	<4.1	<3.9	<1.6	8.4	7.1	ND
TR-10 (Dup)	06/14/11	10	680	<5.1	15	5.7	<2.9	7.2	<4.1	<3.9	<1.6	<3.6	<4.1	ND
Shallow Soil Gas ESL (Com)			1,400	4,100	1,800,000	2,900,000	NA	120,000	3,300	NA	NA	180,000	58,000	NA
Shallow Soil Gas ESL (Res)			410	1,200	660,000	1,600,000	NA	42,000	980	NA	NA	63,000	21,000	NA
Indoor Air ESL (Com)			0.69	2.0	920	1,500	NA	58	1.6	NA	NA	88	29	NA
Indoor Air ESL (Res)			0.41	1.2	660	1,000	NA	42	0.98	NA	NA	63	21	NA
Estimated Sub-slab SL (Com)			69	200	92,000	150,000	NC	5,800	160	NC	NC	8,800	2,900	NC
Estimated Sub-slab SL (Res)			41	120	66,000	100,000	NC	4,200	98	NC	NC	6,300	2,100	NC

Notes
PCE - Tetrachloroethene
TCE - Trichloroethene
MEK - 2-Butanone
1,2-DCB - 1,2-Dichlorobenzene
VOC - Volatile Organic Compound
µg/m^3 - micrograms per cubic meter
BOLD - Concentration detected at or above the reporting limit
ND - Not Detected
NA - Not Available
NC - Not Calculated
Dup - Duplicate Sample
Ten vacuum purge volumes prior to sample collection for all samples based on results from purge volume test at TR-7.
All samples analyzed by EPA Method TO-15
ESL - Environmental Screening Level for Vapor Intrusion Concerns
Com - ESL for commercial structures
Res - ESL for residential structures
ESLs taken from Table E, RWQCB, 2008. Screening for Environmental Concerns at Site with Contaminated Soil and Groundwater, Rev. May 2008.
Sub-slab screening level (SL) estimated by dividing indoor air ESL by an attenuation factor of 0.01.
Exceeds estimated sub-slab commercial and residential ESL.
Exceeds estimated sub-slab residential ESL only.

Treadwell&Rollo
A LANGAN COMPANY

FIGURES

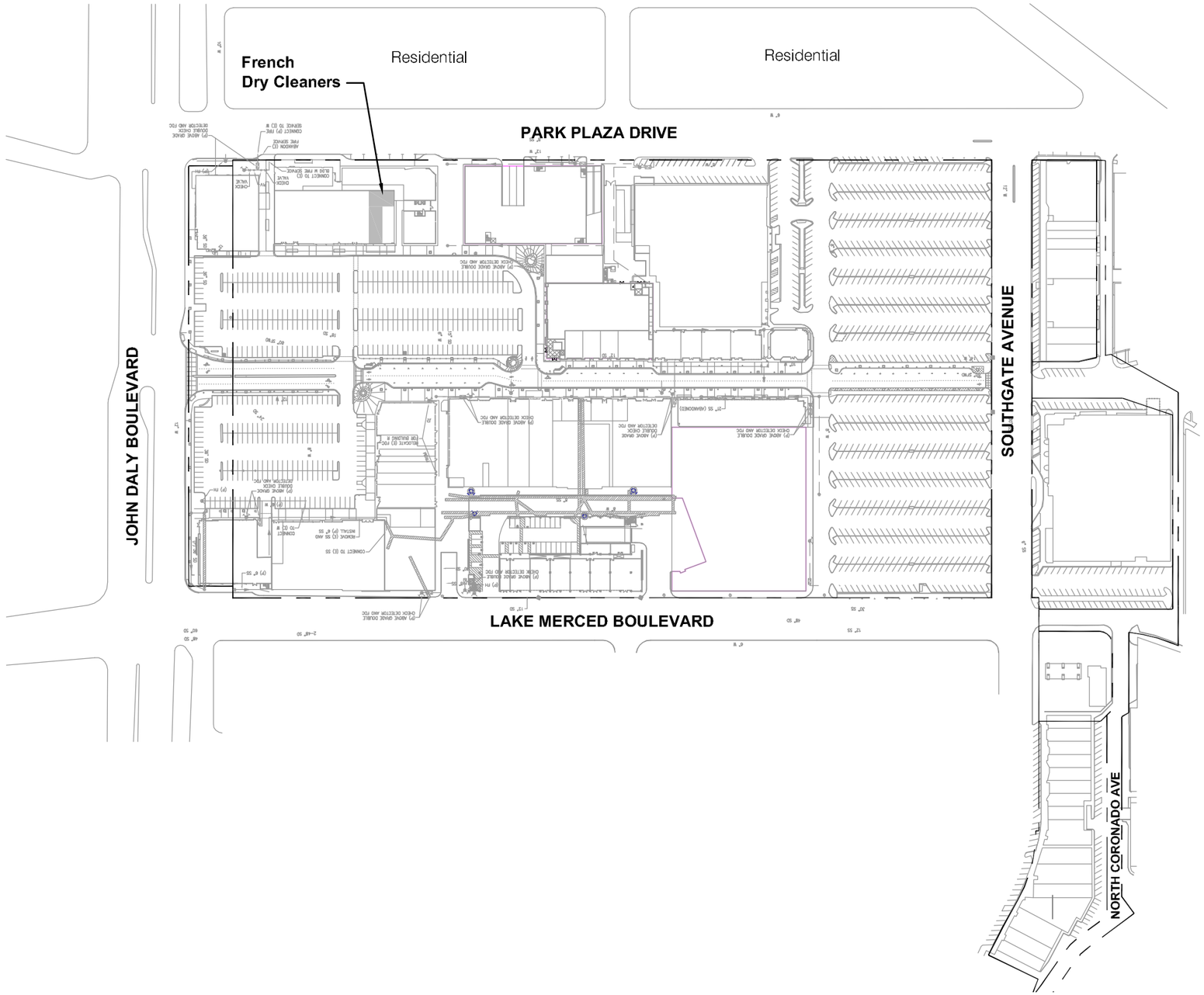


FORMER WESTLAKE FRENCH DRY CLEANERS
Daly City, California

Treadwell&Rollo
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SITE LOCATION MAP

Date 08/01/11	Project No. 730487803	Figure 1



0 200 Feet

Approximate scale

Reference: Base map from a drawing titled "Westlake Shopping Center, Water, Sanitary Sewer and Storm Drainage Master Plan, Phase 3 Condition", by BkF, dated 07/16/04.

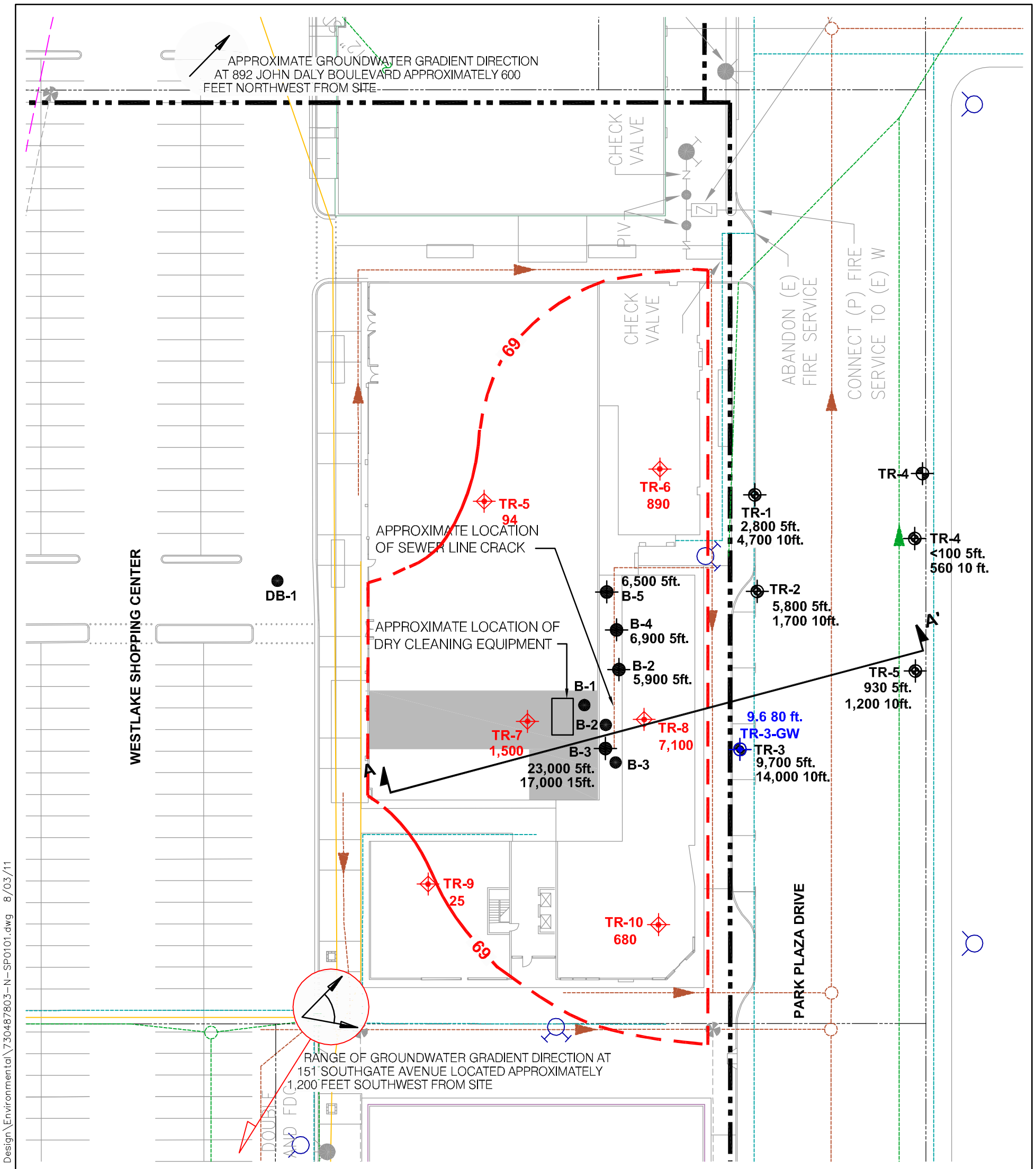
FORMER WESTLAKE FRENCH DRY CLEANERS
Daly City, California

SITE PLAN

Date 08/03/11	Project No. 730487803	Figure 2

Treadwell&Rollo
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EXPLANATION

- TR-9 — Sub-slab soil gas sampling location
- TR-3-GW — Grab-groundwater angled boring location
- TR-1 — Approximate location of soil vapor sample by Treadwell & Rollo, Inc., May 2009
- TR-4 — Approximate location of environmental soil boring by Treadwell & Rollo, Inc, May 2009
- B-6 — Approximate location of boring by ADR Enviromental, 2002
- B-1 — Approximate location of boring by Klienfelder, 2002
- A — A' — Idealized subsurface profile

- 2800 5ft. — Tetrachloroethene (PCE) concentrations in micrograms per cubic meter ($\mu g/m^3$), sample depth in feet below ground surface
- 94 — Sub-slab PCE concentration in $\mu g/m^3$
- 9.6 — Groundwater PCE concentration in $\mu g/L$
- 69 $\mu g/m^3$ PCE sub-slab contour (limited to sub-slab area beneath building)
- Existing Sanitary Sewer
- Existing Storm Drain
- Existing Water
- Existing Property Line
- Existing Sidewalk Lighting
- Existing Electrical Lighting

0 — 40 Feet
Approximate scale

Reference: Base map from a drawing titled "Westlake Shopping Center, Water, Sanitary Sewer and Storm Drainage Master Plan, Phase 3 Condition", by BkF, dated 07/16/04.

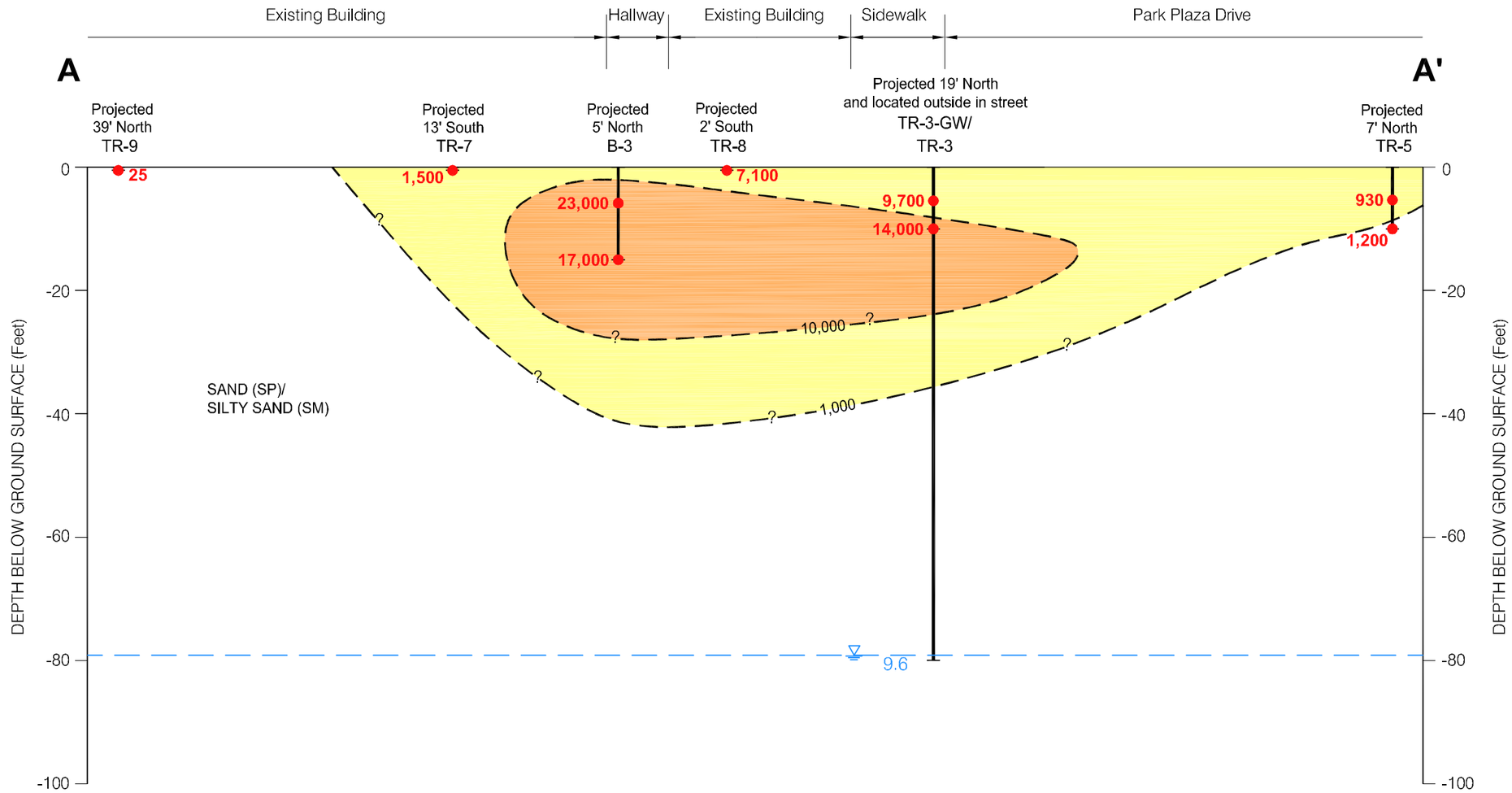
FROMER WESTLAKE FRENCH DRY CLEANERS
Daly City, California

SUB-SLAB PCE RESULTS AND SAMPLING LOCATIONS

Date 07/26/11	Project No. 730487803	Figure 3

Treadwell&Rollo
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EXPLANATION

PCE	Tetrachloroethene
25 ●	Sub-slab or soil vapor PCE concentration in micrograms per cubic meter (µg/m³)
9.6	Groundwater PCE concentration in micrograms per liter(µg/L)
▽	Groundwater surface
	PCE concentration >1,000 µg/m³
	PCE concentration >10,000 µg/m³
— —	PCE soil vapor concentration contour in µg/m³

20
0
0
20
SCALE IN FEET

Notes:
1. The above profile represents a generalized soil cross section interpreted from widely spaced borings. Soil deposits may vary in type, strength, and other important properties between points of exploration.

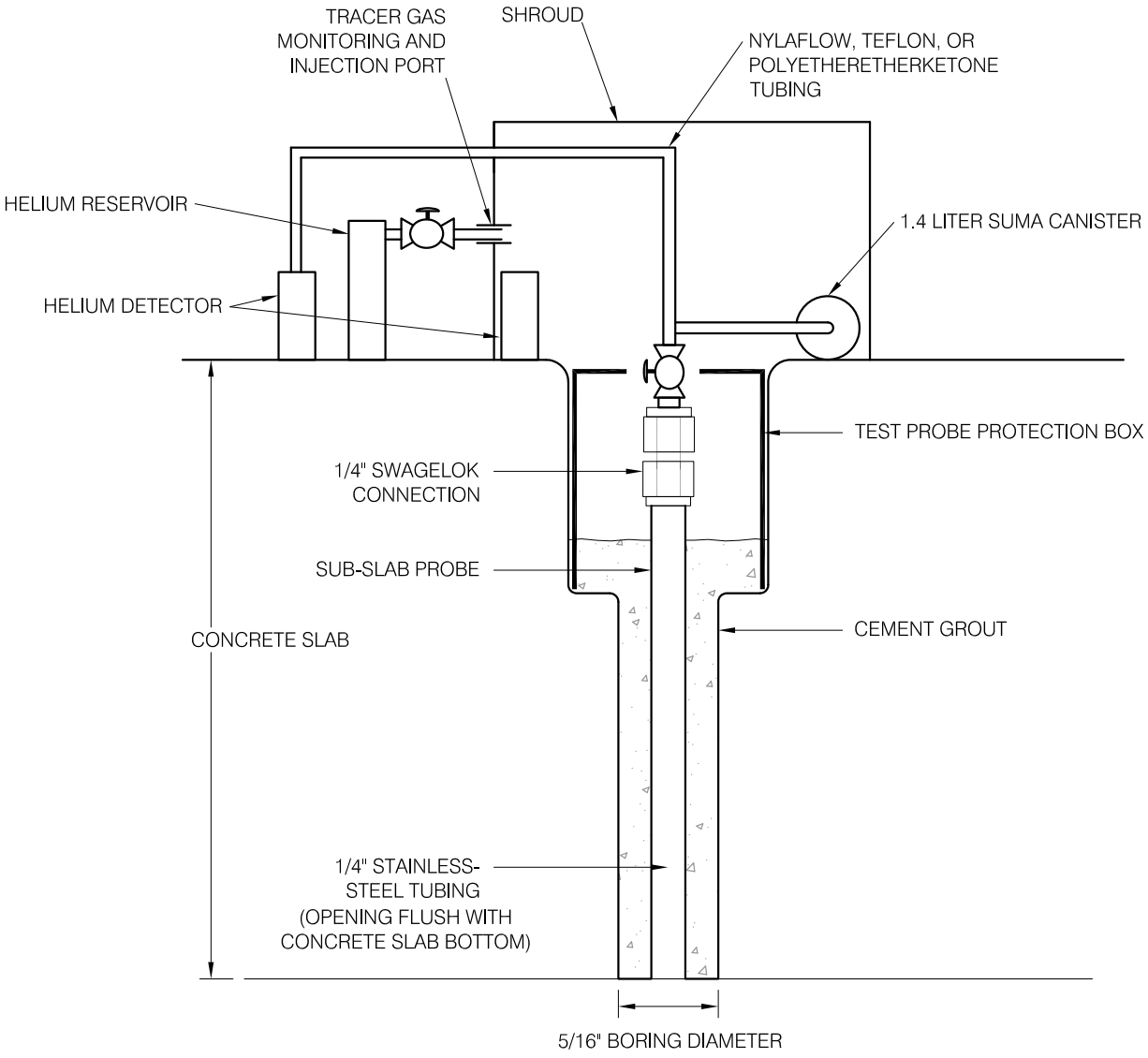
FORMER WESTLAKE FRENCH DRY CLEANERS
Daily City, California

IDEALIZED SUBSURFACE PROFILE A-A'

Date 07/27/11	Project No. 730487803	Figure 4

Treadwell&Rollo
A LANGAN COMPANY

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(NOT TO SCALE)

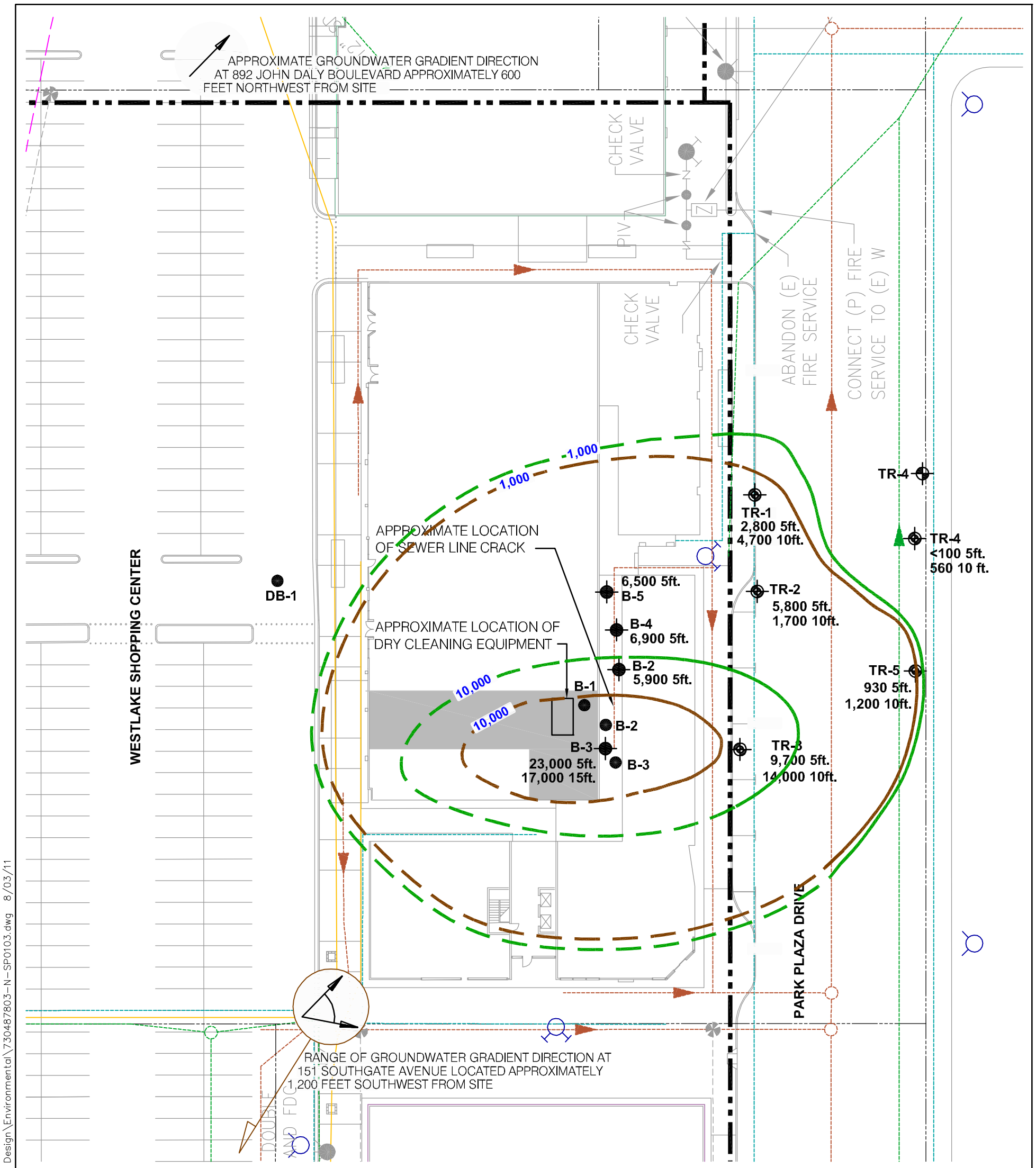
FORMER WESTLAKE FRENCH DRY CLEANERS
Daly City, California

SUB-SLAB SOIL VAPOR SAMPLING SETUP

Treadwell&Rollo
A LANGAN COMPANY

Date 07/28/11	Project No. 730487803	Figure 5

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EXPLANATION

- **TR-1** — Approximate location of soil vapor sample by Treadwell & Rollo, Inc., May 2009
- **TR-4** — Approximate location of environmental soil boring by Treadwell & Rollo, Inc, May 2009
- **B-6** — Approximate location of boring by ADR Enviromental, 2002
- **B-1** — Approximate location of boring by Klienfelder, 2002
- **2800 5ft.** — Tetrachloroethene (PCE) concentrations in micrograms per cubic meter ($\mu g/m^3$), sample depth in feet below ground surface

- PCE concentration in soil vapor contour at 5 feet
- PCE concentration in soil vapor contour at 10 feet
- Existing Sanitary Sewer
- Existing Storm Drain
- Existing Water
- Existing Property Line
- Existing Sidewalk Lighting
- Existing Electrical Lighting

0 40 Feet
Approximate scale

Reference: Base map from a drawing titled "Westlake Shopping Center, Water, Sanitary Sewer and Storm Drainage Master Plan, Phase 3 Condition", by BkF, dated 07/16/04.

FORMER WESTLAKE FRENCH DRY CLEANERS
Daly City, California

PCE SOIL VAPOR CONCENTRATION CONTOURS

Date 08/03/11	Project No. 730487803	Figure 6

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APPENDIX A

Treadwell & Rollo Soil Boring Logs

PROJECT: **WESTLAKE FRENCH DRYCLEANERS**
San Francisco, California

Log of Boring TR-3A

Boring location: See Site Plan, Figure 2 | Logged by: M. Patil

Date started: 6/2/11 | Date finished: 6/2/11

Drilling method: Sonic Vibration

Hammer weight/drop: NA | Hammer type: NA

Sampler: Aqua-Lock

DEPTH (feet)	SAMPLES: Sample Number	Sample	Blow Count	Recovery (Inches)	OVM (ppm)	LITHOLOGY	MATERIAL DESCRIPTION
0							4-inches Asphalt Concrete
1–5				60/60	ND	SM	SILTY SAND (SM) light brown, medium dense, non-plastic, moist, no odor
6–10				60/60	ND		
11–15				60/60	ND		
16–20				60/60	ND		
21–25				60/60	ND		
26–30				60/60	ND		

Treadwell&Rollo
A LANGAN COMPANY

Project No.: 730487803 | Figure: A-2a

TEST ENVIRONMENTAL INCHES 730487803.GPJ T&R.GDT 7/13/11

PROJECT: **WESTLAKE FRENCH DRYCLEANERS**
San Francisco, California

Log of Boring TR-3A

DEPTH (feet)	SAMPLES: Sample Number	Sample	Blow Count	Recovery (Inches)	OVM (ppm)	LITHOLOGY	MATERIAL DESCRIPTION
31							SILTY SAND (SM) (continued) brown, dense
32				60/60	ND		
33							
34							
35							
36							
37				60/60	ND		
38							
39							
40							
41							
42				60/60	ND		
43							
44							
45						SM	
46							
47				60/60	ND		
48							
49							
50							
51							
52				60/60	ND		
53							
54							
55							
56							
57				60/60	ND		
58							
59							
60							

Treadwell&Rollo
A LANGAN COMPANY

Project No.: 730487803
Figure: A-2b

TEST ENVIRONMENTAL INCHES 730487803.GPJ T&R.GDT 7/13/11

PROJECT: **WESTLAKE FRENCH DRYCLEANERS**
San Francisco, California

Log of Boring TR-3A

DEPTH (feet)	SAMPLES: Sample Number	Sample	Blow Count	Recovery (Inches)	OVM (ppm)	LITHOLOGY	MATERIAL DESCRIPTION
61							SILTY SAND (SM) (continued) very dense
62				60/60	ND		
63							
64							
65							
66							
67				60/60	ND		
68							
69						SM	
70							
71							
72				60/60	ND		brown-gray, dry
73							
74							
75							
76				36/36	ND		
77							
78							
79							
80							
81							
82							
83							
84							
85							
86							
87							
88							
89							
90							

TR-3A in an angled boring with and angle of 45°. Boring terminated at a depth of 78 feet below ground surface due to rig refusal.
Boring backfilled with cement grout.
Groundwater not encountered during drilling

Treadwell&Rollo
A LANGAN COMPANY

Project No.: 730487803
Figure: A-2c

TEST ENVIRONMENTAL INCHES 730487803.GPJ T&R.GDT 7/13/11

PROJECT: **WESTLAKE FRENCH DRYCLEANERS**
San Francisco, California

Log of Boring TR-3B

Boring location: See Site Plan, Figure 2 | Logged by: M. Patil

Date started: 6/2/11 | Date finished: 6/2/11

Drilling method: Sonic Vibration/ Hollow Stem Auger

Hammer weight/drop: NA/ 140 lbs./30 inches | Hammer type: NA/ Automatic

Sampler: Standard Penetration (SPT), Aqua-Lock

DEPTH (feet)	SAMPLES: Sample Number	Sample	Blow Count	Recovery (Inches)	OVM (ppm)	LITHOLOGY	MATERIAL DESCRIPTION
0							4-inches Asphalt concrete
1–30				60/60	ND	SM	SILTY SAND (SM) light brown, dense, non-plastic, moist, no odor

Treadwell&Rollo
A LANGAN COMPANY

Project No.: 730487803 | Figure: A-3a

TEST ENVIRONMENTAL INCHES 730487803.GPJ T&R.GDT 7/13/11

PROJECT: **WESTLAKE FRENCH DRYCLEANERS**
San Francisco, California

Log of Boring TR-3B

DEPTH (feet)	SAMPLES: Sample Number	Sample	Blow Count	Recovery (Inches)	OVM (ppm)	LITHOLOGY	MATERIAL DESCRIPTION
31							SILTY SAND (SM) (continued) brown-gray
32				60/60	ND		
33							
34							
35							
36							
37				60/60	ND		
38							
39							
40							
41							
42				60/60	ND		
43							
44							
45						SM	
46							
47				60/60	ND		
48							
49							
50							
51							
52				60/60	ND		
53							
54							
55							
56							
57				60/60	ND		
58							
59							
60							

Treadwell&Rollo
A LANGAN COMPANY

Project No.: 730487803
Figure: A-3b

TEST ENVIRONMENTAL INCHES 730487803.GPJ T&R.GDT 7/13/11

PROJECT: **WESTLAKE FRENCH DRYCLEANERS**
San Francisco, California

Log of Boring TR-3B

DEPTH (feet)	SAMPLES: Sample Number	Sample	Blow Count	Recovery (Inches)	OVM (ppm)	LITHOLOGY	MATERIAL DESCRIPTION
61							SILTY SAND (SM) (continued) dark yellowish brown (10YR 4/6), very dense
62				60/60	ND		
63							
64							
65							
66							
67				60/60	ND		
68							
69							
70							
71						SM	
72				60/60	ND		
73							
74							
75							
76							
77				60/60	ND		
78							▼ (06/02/11)
79							
80							
81				18/18	ND		
82							
83							
84							
85							
86							
87							
88							
89							
90							

Boring terminated at a depth of 81.5 feet below ground surface.
Boring backfilled with cement grout.
Groundwater encountered at 78.6 feet below ground surface during drilling

[1] Sonic vibration method of drilling used up to 50 feet below ground surface at which rig refusal was encountered. Hollow Stem Auger with automatic hammer type was used to drill from 56 feet to 81.5 feet below ground surface.

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Project No.: 730487803
Figure: A-3c

TEST ENVIRONMENTAL INCHES 730487803.GPJ T&R.GDT 7/13/11

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APPENDIX B

Laboratory Analytical Report


Curtis & Tompkins, Ltd.
Analytical Laboratories, Since 1878

Curtis & Tompkins, Ltd., Analytical Laboratories, Since 1878
2323 Fifth Street, Berkeley, CA 94710, Phone (510) 486-0900

Laboratory Job Number 228566
ANALYTICAL REPORT

Treadwell & Rollo	Project : 730487802
555 Montgomery Street	Location : Westlake French DC
San Francisco, CA 94111	Level : II

Sample ID	Lab ID
TR4W	228566-001
SG-10W	228566-002
SG-10S	228566-003
BINCOMP1	228566-004
BINCOMP2	228566-005
BINCOMP3	228566-006
BINCOMP4	228566-007
BINCOMP1-4	228566-008

This data package has been reviewed for technical correctness and completeness. Release of this data has been authorized by the Laboratory Manager or the Manager's designee, as verified by the following signature. The results contained in this report meet all requirements of NELAC and pertain only to those samples which were submitted for analysis. This report may be reproduced only in its entirety.

Signature: _____ Date: 06/15/2011
Project Manager

NELAP # 01107CA

Curtis & Tompkins, Ltd.

CASE NARRATIVE

Laboratory number:	**228566**
Client:	**Treadwell & Rollo**
Project:	**730487802**
Location:	**Westlake French DC**
Request Date:	**06/07/11**
Samples Received:	**06/07/11**

This data package contains sample and QC results for two water samples, one soil sample, and one four-point soil composite, requested for the above referenced project on 06/07/11. The samples were received cold and intact.

Volatile Organics by GC/MS (EPA 8260B) Water:
No analytical problems were encountered.

Volatile Organics by GC/MS (EPA 8260B) Soil:
No analytical problems were encountered.

CHAIN OF CUSTODY

Curtis & Tompkins Laboratories
ENVIRONMENTAL ANALYTICAL TESTING LABORATORY
In Business Since 1878

2323 Fifth Street
Berkeley, CA 94710

Phone (510) 486-0900
Fax (510) 486-0532

Chain of Custody # _____

C&T LOGIN # 226566

Project No: 730487802
Project Name: Westlake French DC
Project P. O. No: 730487803
EDD Format: Report Level ☐ II ☐ III ☐ IV
Turnaround Time: ☐ RUSH _____ ☒ Standard

Sampler: Noel Liner
Report To: michael chendorain
Company: treadwell and rollo
Telephone: 415-955-9040 ext 5251
Email: mchendorain@treadwellrollo.com

Lab No.	Sample ID.	SAMPLING		MATRIX				# of Containers	CHEMICAL PRESERVATIVE					ANALYTICAL REQUEST 8260B
		Date Collected	Time Collected	Water	Solid				HCl	H2SO4	HNO3	NaOH	None	
1	TR4W	6/3/11	0845	X				3	X					X
2	SG-10W	6/3/11	1300	X				3	X					X
3	SG-10S	6/3/11	1240		X			1					X	X
4	BinComp1	6/3/11	1500		X			1					X	X
5	BinComp2 / lab to	6/3/11	1500		X			1					X	X
6	BinComp3 / composite	6/3/11	1500		X			1					X	X
7	BinComp4 / BinComp1to4	6/3/11	1500		X			1					X	X

Notes:

SAMPLE RECEIPT
☒ Intact
☒ Cold
☐ On Ice
☐ Ambient

RELINQUISHED BY:
D. Evans 6/7/11 11:50
DATE: TIME:
DATE: TIME:
DATE: TIME:

RECEIVED BY:
DATE: 6/7/11 TIME: 1150
DATE: TIME:
DATE: TIME:

COOLER RECEIPT CHECKLIST

Curtis & Tompkins, Ltd.

Login # 228566 Date Received 6/7/11 Number of coolers 1
Client Treadwell & Rollo Project West Lake French Dr

Date Opened 6/7/11 By (print) Vidia Qarshi (sign)
Date Logged in 6/8/11 By (print) ↓ (sign) ↓

1. Did cooler come with a shipping slip (airbill, etc) YES (NO)
Shipping info

2A. Were custody seals present? .... ☐ YES (circle) on cooler on samples ☒ NO
How many Name Date
2B. Were custody seals intact upon arrival? YES NO (N/A)
3. Were custody papers dry and intact when received? (YES) NO
4. Were custody papers filled out properly (ink, signed, etc)? (YES) NO
5. Is the project identifiable from custody papers? (If so fill out top of form) (YES) NO
6. Indicate the packing in cooler: (if other, describe)

☐ Bubble Wrap ☒ Foam blocks ☒ Bags ☐ None
☐ Cloth material ☐ Cardboard ☐ Styrofoam ☐ Paper towels

7. Temperature documentation:

Type of ice used: ☒ Wet ☐ Blue/Gel ☐ None Temp(°C) 2.9

☐ Samples Received on ice & cold without a temperature blank

☐ Samples received on ice directly from the field. Cooling process had begun

8. Were Method 5035 sampling containers present? YES (NO)
If YES, what time were they transferred to freezer?
9. Did all bottles arrive unbroken/unopened? (YES) NO
10. Are samples in the appropriate containers for indicated tests? (YES) NO
11. Are sample labels present, in good condition and complete? (YES) NO
12. Do the sample labels agree with custody papers? (YES) NO
13. Was sufficient amount of sample sent for tests requested? (YES) NO
14. Are the samples appropriately preserved? (YES) NO N/A
15. Did you check preservatives for all bottles for each sample? YES NO (N/A)
16. Did you document your preservative check YES NO (N/A)
17. Are bubbles > 6mm absent in VOA samples? (YES) NO N/A
18. Was the client contacted concerning this sample delivery? YES (NO)
If YES, Who was called? By Date:

COMMENTS

Curtis & Tompkins, Ltd.

Purgeable Organics by GC/MS

Lab #:	228566	Location:	Westlake French DC
Client:	Treadwell & Rollo	Prep:	EPA 5030B
Project#:	730487802	Analysis:	EPA 8260B
Field ID:	TR4W	Batch#:	175647
Lab ID:	228566-001	Sampled:	06/03/11
Matrix:	Water	Received:	06/07/11
Units:	ug/L	Analyzed:	06/09/11
Diln Fac:	1.000		

Analyte	Result	RL
Freon 12	ND	1.0
Chloromethane	ND	1.0
Vinyl Chloride	ND	0.5
Bromomethane	ND	1.0
Chloroethane	ND	1.0
Trichlorofluoromethane	ND	1.0
Acetone	ND	10
Freon 113	ND	5.0
1,1-Dichloroethene	ND	0.5
Methylene Chloride	ND	10
Carbon Disulfide	ND	0.5
MTBE	ND	0.5
trans-1,2-Dichloroethene	ND	0.5
Vinyl Acetate	ND	10
1,1-Dichloroethane	ND	0.5
2-Butanone	ND	10
cis-1,2-Dichloroethene	ND	0.5
2,2-Dichloropropane	ND	0.5
Chloroform	ND	0.5
Bromochloromethane	ND	0.5
1,1,1-Trichloroethane	ND	0.5
1,1-Dichloropropene	ND	0.5
Carbon Tetrachloride	ND	0.5
1,2-Dichloroethane	ND	0.5
Benzene	ND	0.5
Trichloroethene	ND	0.5
1,2-Dichloropropane	ND	0.5
Bromodichloromethane	ND	0.5
Dibromomethane	ND	0.5
4-Methyl-2-Pentanone	ND	10
cis-1,3-Dichloropropene	ND	0.5
Toluene	ND	0.5
trans-1,3-Dichloropropene	ND	0.5
1,1,2-Trichloroethane	ND	0.5
2-Hexanone	ND	10
1,3-Dichloropropane	ND	0.5
Tetrachloroethene	9.6	0.5

ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.

Purgeable Organics by GC/MS

Lab #:	228566	Location:	Westlake French DC
Client:	Treadwell & Rollo	Prep:	EPA 5030B
Project#:	730487802	Analysis:	EPA 8260B
Field ID:	TR4W	Batch#:	175647
Lab ID:	228566-001	Sampled:	06/03/11
Matrix:	Water	Received:	06/07/11
Units:	ug/L	Analyzed:	06/09/11
Diln Fac:	1.000		

Analyte	Result	RL
Dibromochloromethane	ND	0.5
1,2-Dibromoethane	ND	0.5
Chlorobenzene	ND	0.5
1,1,1,2-Tetrachloroethane	ND	0.5
Ethylbenzene	ND	0.5
m,p-Xylenes	ND	0.5
o-Xylene	ND	0.5
Styrene	ND	0.5
Bromoform	ND	1.0
Isopropylbenzene	ND	0.5
1,1,2,2-Tetrachloroethane	ND	0.5
1,2,3-Trichloropropane	ND	0.5
Propylbenzene	ND	0.5
Bromobenzene	ND	0.5
1,3,5-Trimethylbenzene	ND	0.5
2-Chlorotoluene	ND	0.5
4-Chlorotoluene	ND	0.5
tert-Butylbenzene	ND	0.5
1,2,4-Trimethylbenzene	0.6	0.5
sec-Butylbenzene	ND	0.5
para-Isopropyl Toluene	ND	0.5
1,3-Dichlorobenzene	ND	0.5
1,4-Dichlorobenzene	ND	0.5
n-Butylbenzene	ND	0.5
1,2-Dichlorobenzene	ND	0.5
1,2-Dibromo-3-Chloropropane	ND	2.0
1,2,4-Trichlorobenzene	ND	0.5
Hexachlorobutadiene	ND	2.0
Naphthalene	ND	2.0
1,2,3-Trichlorobenzene	ND	0.5

Surrogate	%REC	Limits
Dibromofluoromethane	103	80-127
1,2-Dichloroethane-d4	122	73-145
Toluene-d8	106	80-120
Bromofluorobenzene	110	80-120

ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.

Purgeable Organics by GC/MS

Lab #:	228566	Location:	Westlake French DC
Client:	Treadwell & Rollo	Prep:	EPA 5030B
Project#:	730487802	Analysis:	EPA 8260B
Field ID:	SG-10W	Batch#:	175647
Lab ID:	228566-002	Sampled:	06/03/11
Matrix:	Water	Received:	06/07/11
Units:	ug/L	Analyzed:	06/09/11
Diln Fac:	1.000		

Analyte	Result	RL
Freon 12	ND	1.0
Chloromethane	ND	1.0
Vinyl Chloride	ND	0.5
Bromomethane	ND	1.0
Chloroethane	ND	1.0
Trichlorofluoromethane	ND	1.0
Acetone	ND	10
Freon 113	ND	5.0
1,1-Dichloroethene	ND	0.5
Methylene Chloride	ND	10
Carbon Disulfide	ND	0.5
MTBE	4.8	0.5
trans-1,2-Dichloroethene	ND	0.5
Vinyl Acetate	ND	10
1,1-Dichloroethane	ND	0.5
2-Butanone	ND	10
cis-1,2-Dichloroethene	ND	0.5
2,2-Dichloropropane	ND	0.5
Chloroform	ND	0.5
Bromochloromethane	ND	0.5
1,1,1-Trichloroethane	ND	0.5
1,1-Dichloropropene	ND	0.5
Carbon Tetrachloride	ND	0.5
1,2-Dichloroethane	ND	0.5
Benzene	ND	0.5
Trichloroethene	ND	0.5
1,2-Dichloropropane	ND	0.5
Bromodichloromethane	ND	0.5
Dibromomethane	ND	0.5
4-Methyl-2-Pentanone	ND	10
cis-1,3-Dichloropropene	ND	0.5
Toluene	ND	0.5
trans-1,3-Dichloropropene	ND	0.5
1,1,2-Trichloroethane	ND	0.5
2-Hexanone	ND	10
1,3-Dichloropropane	ND	0.5
Tetrachloroethene	ND	0.5

ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.

Purgeable Organics by GC/MS

Lab #:	228566	Location:	Westlake French DC
Client:	Treadwell & Rollo	Prep:	EPA 5030B
Project#:	730487802	Analysis:	EPA 8260B
Field ID:	SG-10W	Batch#:	175647
Lab ID:	228566-002	Sampled:	06/03/11
Matrix:	Water	Received:	06/07/11
Units:	ug/L	Analyzed:	06/09/11
Diln Fac:	1.000		

Analyte	Result	RL
Dibromochloromethane	ND	0.5
1,2-Dibromoethane	ND	0.5
Chlorobenzene	ND	0.5
1,1,1,2-Tetrachloroethane	ND	0.5
Ethylbenzene	ND	0.5
m,p-Xylenes	ND	0.5
o-Xylene	ND	0.5
Styrene	ND	0.5
Bromoform	ND	1.0
Isopropylbenzene	ND	0.5
1,1,2,2-Tetrachloroethane	ND	0.5
1,2,3-Trichloropropane	ND	0.5
Propylbenzene	ND	0.5
Bromobenzene	ND	0.5
1,3,5-Trimethylbenzene	ND	0.5
2-Chlorotoluene	ND	0.5
4-Chlorotoluene	ND	0.5
tert-Butylbenzene	ND	0.5
1,2,4-Trimethylbenzene	ND	0.5
sec-Butylbenzene	ND	0.5
para-Isopropyl Toluene	ND	0.5
1,3-Dichlorobenzene	ND	0.5
1,4-Dichlorobenzene	ND	0.5
n-Butylbenzene	ND	0.5
1,2-Dichlorobenzene	ND	0.5
1,2-Dibromo-3-Chloropropane	ND	2.0
1,2,4-Trichlorobenzene	ND	0.5
Hexachlorobutadiene	ND	2.0
Naphthalene	ND	2.0
1,2,3-Trichlorobenzene	ND	0.5

Surrogate	%REC	Limits
Dibromofluoromethane	106	80-127
1,2-Dichloroethane-d4	121	73-145
Toluene-d8	108	80-120
Bromofluorobenzene	108	80-120

ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.

Batch QC Report

Purgeable Organics by GC/MS

Lab #:	228566	Location:	Westlake French DC
Client:	Treadwell & Rollo	Prep:	EPA 5030B
Project#:	730487802	Analysis:	EPA 8260B
Matrix:	Water	Batch#:	175647
Units:	ug/L	Analyzed:	06/09/11
Diln Fac:	1.000		

Type: BS Lab ID: QC595386

Analyte	Spiked	Result	%REC	Limits
1,1-Dichloroethene	20.00	16.57	83	64-133
Benzene	20.00	18.55	93	80-122
Trichloroethene	20.00	19.60	98	78-120
Toluene	20.00	20.38	102	80-120
Chlorobenzene	20.00	19.46	97	80-120

Surrogate	%REC	Limits
Dibromofluoromethane	101	80-127
1,2-Dichloroethane-d4	118	73-145
Toluene-d8	107	80-120
Bromofluorobenzene	99	80-120

Type: BSD Lab ID: QC595387

Analyte	Spiked	Result	%REC	Limits	RPD	Lim
1,1-Dichloroethene	20.00	15.72	79	64-133	5	20
Benzene	20.00	18.15	91	80-122	2	20
Trichloroethene	20.00	18.25	91	78-120	7	20
Toluene	20.00	19.84	99	80-120	3	20
Chlorobenzene	20.00	19.42	97	80-120	0	20

Surrogate	%REC	Limits
Dibromofluoromethane	103	80-127
1,2-Dichloroethane-d4	117	73-145
Toluene-d8	106	80-120
Bromofluorobenzene	97	80-120

RPD= Relative Percent Difference

Curtis & Tompkins, Ltd.

Batch QC Report

Purgeable Organics by GC/MS

Lab #:	228566	Location:	Westlake French DC
Client:	Treadwell & Rollo	Prep:	EPA 5030B
Project#:	730487802	Analysis:	EPA 8260B
Type:	BLANK	Diln Fac:	1.000
Lab ID:	QC595388	Batch#:	175647
Matrix:	Water	Analyzed:	06/09/11
Units:	ug/L		

Analyte	Result	RL
Freon 12	ND	1.0
Chloromethane	ND	1.0
Vinyl Chloride	ND	0.5
Bromomethane	ND	1.0
Chloroethane	ND	1.0
Trichlorofluoromethane	ND	1.0
Acetone	ND	10
Freon 113	ND	5.0
1,1-Dichloroethene	ND	0.5
Methylene Chloride	ND	10
Carbon Disulfide	ND	0.5
MTBE	ND	0.5
trans-1,2-Dichloroethene	ND	0.5
Vinyl Acetate	ND	10
1,1-Dichloroethane	ND	0.5
2-Butanone	ND	10
cis-1,2-Dichloroethene	ND	0.5
2,2-Dichloropropane	ND	0.5
Chloroform	ND	0.5
Bromochloromethane	ND	0.5
1,1,1-Trichloroethane	ND	0.5
1,1-Dichloropropene	ND	0.5
Carbon Tetrachloride	ND	0.5
1,2-Dichloroethane	ND	0.5
Benzene	ND	0.5
Trichloroethene	ND	0.5
1,2-Dichloropropane	ND	0.5
Bromodichloromethane	ND	0.5
Dibromomethane	ND	0.5
4-Methyl-2-Pentanone	ND	10
cis-1,3-Dichloropropene	ND	0.5
Toluene	ND	0.5
trans-1,3-Dichloropropene	ND	0.5
1,1,2-Trichloroethane	ND	0.5
2-Hexanone	ND	10
1,3-Dichloropropane	ND	0.5
Tetrachloroethene	ND	0.5

ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.

Batch QC Report

Purgeable Organics by GC/MS

Lab #:	228566	Location:	Westlake French DC
Client:	Treadwell & Rollo	Prep:	EPA 5030B
Project#:	730487802	Analysis:	EPA 8260B
Type:	BLANK	Diln Fac:	1.000
Lab ID:	QC595388	Batch#:	175647
Matrix:	Water	Analyzed:	06/09/11
Units:	ug/L		

Analyte	Result	RL
Dibromochloromethane	ND	0.5
1,2-Dibromoethane	ND	0.5
Chlorobenzene	ND	0.5
1,1,1,2-Tetrachloroethane	ND	0.5
Ethylbenzene	ND	0.5
m,p-Xylenes	ND	0.5
o-Xylene	ND	0.5
Styrene	ND	0.5
Bromoform	ND	1.0
Isopropylbenzene	ND	0.5
1,1,2,2-Tetrachloroethane	ND	0.5
1,2,3-Trichloropropane	ND	0.5
Propylbenzene	ND	0.5
Bromobenzene	ND	0.5
1,3,5-Trimethylbenzene	ND	0.5
2-Chlorotoluene	ND	0.5
4-Chlorotoluene	ND	0.5
tert-Butylbenzene	ND	0.5
1,2,4-Trimethylbenzene	ND	0.5
sec-Butylbenzene	ND	0.5
para-Isopropyl Toluene	ND	0.5
1,3-Dichlorobenzene	ND	0.5
1,4-Dichlorobenzene	ND	0.5
n-Butylbenzene	ND	0.5
1,2-Dichlorobenzene	ND	0.5
1,2-Dibromo-3-Chloropropane	ND	2.0
1,2,4-Trichlorobenzene	ND	0.5
Hexachlorobutadiene	ND	2.0
Naphthalene	ND	2.0
1,2,3-Trichlorobenzene	ND	0.5

Surrogate	%REC	Limits
Dibromofluoromethane	104	80-127
1,2-Dichloroethane-d4	118	73-145
Toluene-d8	106	80-120
Bromofluorobenzene	108	80-120

ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.

Purgeable Organics by GC/MS

Lab #:	228566	Location:	Westlake French DC
Client:	Treadwell & Rollo	Prep:	EPA 5030B
Project#:	730487802	Analysis:	EPA 8260B
Field ID:	SG-10S	Diln Fac:	0.9766
Lab ID:	228566-003	Batch#:	175820
Matrix:	Soil	Sampled:	06/03/11
Units:	ug/Kg	Received:	06/07/11
Basis:	as received	Analyzed:	06/14/11

Analyte	Result	RL
Freon 12	ND	9.8
Chloromethane	ND	9.8
Vinyl Chloride	ND	9.8
Bromomethane	ND	9.8
Chloroethane	ND	9.8
Trichlorofluoromethane	ND	4.9
Acetone	ND	20
Freon 113	ND	4.9
1,1-Dichloroethene	ND	4.9
Methylene Chloride	ND	20
Carbon Disulfide	ND	4.9
MTBE	ND	4.9
trans-1,2-Dichloroethene	ND	4.9
Vinyl Acetate	ND	49
1,1-Dichloroethane	ND	4.9
2-Butanone	ND	9.8
cis-1,2-Dichloroethene	ND	4.9
2,2-Dichloropropane	ND	4.9
Chloroform	ND	4.9
Bromochloromethane	ND	4.9
1,1,1-Trichloroethane	ND	4.9
1,1-Dichloropropene	ND	4.9
Carbon Tetrachloride	ND	4.9
1,2-Dichloroethane	ND	4.9
Benzene	ND	4.9
Trichloroethene	ND	4.9
1,2-Dichloropropane	ND	4.9
Bromodichloromethane	ND	4.9
Dibromomethane	ND	4.9
4-Methyl-2-Pentanone	ND	9.8
cis-1,3-Dichloropropene	ND	4.9
Toluene	ND	4.9
trans-1,3-Dichloropropene	ND	4.9
1,1,2-Trichloroethane	ND	4.9
2-Hexanone	ND	9.8
1,3-Dichloropropane	ND	4.9
Tetrachloroethene	ND	4.9

ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.

Purgeable Organics by GC/MS

Lab #:	228566	Location:	Westlake French DC
Client:	Treadwell & Rollo	Prep:	EPA 5030B
Project#:	730487802	Analysis:	EPA 8260B
Field ID:	SG-10S	Diln Fac:	0.9766
Lab ID:	228566-003	Batch#:	175820
Matrix:	Soil	Sampled:	06/03/11
Units:	ug/Kg	Received:	06/07/11
Basis:	as received	Analyzed:	06/14/11

Analyte	Result	RL
Dibromochloromethane	ND	4.9
1,2-Dibromoethane	ND	4.9
Chlorobenzene	ND	4.9
1,1,1,2-Tetrachloroethane	ND	4.9
Ethylbenzene	ND	4.9
m,p-Xylenes	ND	4.9
o-Xylene	ND	4.9
Styrene	ND	4.9
Bromoform	ND	4.9
Isopropylbenzene	ND	4.9
1,1,2,2-Tetrachloroethane	ND	4.9
1,2,3-Trichloropropane	ND	4.9
Propylbenzene	ND	4.9
Bromobenzene	ND	4.9
1,3,5-Trimethylbenzene	ND	4.9
2-Chlorotoluene	ND	4.9
4-Chlorotoluene	ND	4.9
tert-Butylbenzene	ND	4.9
1,2,4-Trimethylbenzene	ND	4.9
sec-Butylbenzene	ND	4.9
para-Isopropyl Toluene	ND	4.9
1,3-Dichlorobenzene	ND	4.9
1,4-Dichlorobenzene	ND	4.9
n-Butylbenzene	ND	4.9
1,2-Dichlorobenzene	ND	4.9
1,2-Dibromo-3-Chloropropane	ND	4.9
1,2,4-Trichlorobenzene	ND	4.9
Hexachlorobutadiene	ND	4.9
Naphthalene	ND	4.9
1,2,3-Trichlorobenzene	ND	4.9

Surrogate	%REC	Limits
Dibromofluoromethane	106	71-126
1,2-Dichloroethane-d4	105	74-130
Toluene-d8	97	80-120
Bromofluorobenzene	107	76-131

ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.

Purgeable Organics by GC/MS

Lab #:	228566	Location:	Westlake French DC
Client:	Treadwell & Rollo	Prep:	EPA 5030B
Project#:	730487802	Analysis:	EPA 8260B
Field ID:	BINCOMP1-4	Diln Fac:	0.9653
Lab ID:	228566-008	Batch#:	175820
Matrix:	Soil	Sampled:	06/03/11
Units:	ug/Kg	Received:	06/07/11
Basis:	as received	Analyzed:	06/14/11

Analyte	Result	RL
Freon 12	ND	9.7
Chloromethane	ND	9.7
Vinyl Chloride	ND	9.7
Bromomethane	ND	9.7
Chloroethane	ND	9.7
Trichlorofluoromethane	ND	4.8
Acetone	ND	19
Freon 113	ND	4.8
1,1-Dichloroethene	ND	4.8
Methylene Chloride	ND	19
Carbon Disulfide	ND	4.8
MTBE	ND	4.8
trans-1,2-Dichloroethene	ND	4.8
Vinyl Acetate	ND	48
1,1-Dichloroethane	ND	4.8
2-Butanone	ND	9.7
cis-1,2-Dichloroethene	ND	4.8
2,2-Dichloropropane	ND	4.8
Chloroform	ND	4.8
Bromochloromethane	ND	4.8
1,1,1-Trichloroethane	ND	4.8
1,1-Dichloropropene	ND	4.8
Carbon Tetrachloride	ND	4.8
1,2-Dichloroethane	ND	4.8
Benzene	ND	4.8
Trichloroethene	ND	4.8
1,2-Dichloropropane	ND	4.8
Bromodichloromethane	ND	4.8
Dibromomethane	ND	4.8
4-Methyl-2-Pentanone	ND	9.7
cis-1,3-Dichloropropene	ND	4.8
Toluene	ND	4.8
trans-1,3-Dichloropropene	ND	4.8
1,1,2-Trichloroethane	ND	4.8
2-Hexanone	ND	9.7
1,3-Dichloropropane	ND	4.8
Tetrachloroethene	ND	4.8

ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.

Purgeable Organics by GC/MS

Lab #:	228566	Location:	Westlake French DC
Client:	Treadwell & Rollo	Prep:	EPA 5030B
Project#:	730487802	Analysis:	EPA 8260B
Field ID:	BINCOMP1-4	Diln Fac:	0.9653
Lab ID:	228566-008	Batch#:	175820
Matrix:	Soil	Sampled:	06/03/11
Units:	ug/Kg	Received:	06/07/11
Basis:	as received	Analyzed:	06/14/11

Analyte	Result	RL
Dibromochloromethane	ND	4.8
1,2-Dibromoethane	ND	4.8
Chlorobenzene	ND	4.8
1,1,1,2-Tetrachloroethane	ND	4.8
Ethylbenzene	ND	4.8
m,p-Xylenes	ND	4.8
o-Xylene	ND	4.8
Styrene	ND	4.8
Bromoform	ND	4.8
Isopropylbenzene	ND	4.8
1,1,2,2-Tetrachloroethane	ND	4.8
1,2,3-Trichloropropane	ND	4.8
Propylbenzene	ND	4.8
Bromobenzene	ND	4.8
1,3,5-Trimethylbenzene	ND	4.8
2-Chlorotoluene	ND	4.8
4-Chlorotoluene	ND	4.8
tert-Butylbenzene	ND	4.8
1,2,4-Trimethylbenzene	ND	4.8
sec-Butylbenzene	ND	4.8
para-Isopropyl Toluene	ND	4.8
1,3-Dichlorobenzene	ND	4.8
1,4-Dichlorobenzene	ND	4.8
n-Butylbenzene	ND	4.8
1,2-Dichlorobenzene	ND	4.8
1,2-Dibromo-3-Chloropropane	ND	4.8
1,2,4-Trichlorobenzene	ND	4.8
Hexachlorobutadiene	ND	4.8
Naphthalene	ND	4.8
1,2,3-Trichlorobenzene	ND	4.8

Surrogate	%REC	Limits
Dibromofluoromethane	105	71-126
1,2-Dichloroethane-d4	104	74-130
Toluene-d8	99	80-120
Bromofluorobenzene	101	76-131

ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.

Batch QC Report

Purgeable Organics by GC/MS

Lab #:	228566	Location:	Westlake French DC
Client:	Treadwell & Rollo	Prep:	EPA 5030B
Project#:	730487802	Analysis:	EPA 8260B
Type:	BLANK	Diln Fac:	1.000
Lab ID:	QC596147	Batch#:	175820
Matrix:	Soil	Analyzed:	06/14/11
Units:	ug/Kg		

Analyte	Result	RL
Freon 12	ND	10
Chloromethane	ND	10
Vinyl Chloride	ND	10
Bromomethane	ND	10
Chloroethane	ND	10
Trichlorofluoromethane	ND	5.0
Acetone	ND	20
Freon 113	ND	5.0
1,1-Dichloroethene	ND	5.0
Methylene Chloride	ND	20
Carbon Disulfide	ND	5.0
MTBE	ND	5.0
trans-1,2-Dichloroethene	ND	5.0
Vinyl Acetate	ND	50
1,1-Dichloroethane	ND	5.0
2-Butanone	ND	10
cis-1,2-Dichloroethene	ND	5.0
2,2-Dichloropropane	ND	5.0
Chloroform	ND	5.0
Bromochloromethane	ND	5.0
1,1,1-Trichloroethane	ND	5.0
1,1-Dichloropropene	ND	5.0
Carbon Tetrachloride	ND	5.0
1,2-Dichloroethane	ND	5.0
Benzene	ND	5.0
Trichloroethene	ND	5.0
1,2-Dichloropropane	ND	5.0
Bromodichloromethane	ND	5.0
Dibromomethane	ND	5.0
4-Methyl-2-Pentanone	ND	10
cis-1,3-Dichloropropene	ND	5.0
Toluene	ND	5.0
trans-1,3-Dichloropropene	ND	5.0
1,1,2-Trichloroethane	ND	5.0
2-Hexanone	ND	10
1,3-Dichloropropane	ND	5.0
Tetrachloroethene	ND	5.0

ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.

Batch QC Report

Purgeable Organics by GC/MS

Lab #:	228566	Location:	Westlake French DC
Client:	Treadwell & Rollo	Prep:	EPA 5030B
Project#:	730487802	Analysis:	EPA 8260B
Type:	BLANK	Diln Fac:	1.000
Lab ID:	QC596147	Batch#:	175820
Matrix:	Soil	Analyzed:	06/14/11
Units:	ug/Kg		

Analyte	Result	RL
Dibromochloromethane	ND	5.0
1,2-Dibromoethane	ND	5.0
Chlorobenzene	ND	5.0
1,1,1,2-Tetrachloroethane	ND	5.0
Ethylbenzene	ND	5.0
m,p-Xylenes	ND	5.0
o-Xylene	ND	5.0
Styrene	ND	5.0
Bromoform	ND	5.0
Isopropylbenzene	ND	5.0
1,1,2,2-Tetrachloroethane	ND	5.0
1,2,3-Trichloropropane	ND	5.0
Propylbenzene	ND	5.0
Bromobenzene	ND	5.0
1,3,5-Trimethylbenzene	ND	5.0
2-Chlorotoluene	ND	5.0
4-Chlorotoluene	ND	5.0
tert-Butylbenzene	ND	5.0
1,2,4-Trimethylbenzene	ND	5.0
sec-Butylbenzene	ND	5.0
para-Isopropyl Toluene	ND	5.0
1,3-Dichlorobenzene	ND	5.0
1,4-Dichlorobenzene	ND	5.0
n-Butylbenzene	ND	5.0
1,2-Dichlorobenzene	ND	5.0
1,2-Dibromo-3-Chloropropane	ND	5.0
1,2,4-Trichlorobenzene	ND	5.0
Hexachlorobutadiene	ND	5.0
Naphthalene	ND	5.0
1,2,3-Trichlorobenzene	ND	5.0

Surrogate	%REC	Limits
Dibromofluoromethane	106	71-126
1,2-Dichloroethane-d4	105	74-130
Toluene-d8	98	80-120
Bromofluorobenzene	105	76-131

ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.

Batch QC Report

Purgeable Organics by GC/MS

Lab #:	228566	Location:	Westlake French DC
Client:	Treadwell & Rollo	Prep:	EPA 5030B
Project#:	730487802	Analysis:	EPA 8260B
Type:	LCS	Diln Fac:	1.000
Lab ID:	QC596148	Batch#:	175820
Matrix:	Soil	Analyzed:	06/14/11
Units:	ug/Kg		

Analyte	Spiked	Result	%REC	Limits
1,1-Dichloroethene	20.00	20.50	103	69-127
Benzene	20.00	20.86	104	80-122
Trichloroethene	20.00	19.70	99	76-123
Toluene	20.00	20.84	104	80-120
Chlorobenzene	20.00	20.59	103	80-120

Surrogate	%REC	Limits
Dibromofluoromethane	106	71-126
1,2-Dichloroethane-d4	100	74-130
Toluene-d8	102	80-120
Bromofluorobenzene	100	76-131

Curtis & Tompkins, Ltd.

Batch QC Report

Purgeable Organics by GC/MS

Lab #:	228566	Location:	Westlake French DC
Client:	Treadwell & Rollo	Prep:	EPA 5030B
Project#:	730487802	Analysis:	EPA 8260B
Field ID:	SG-10S	Batch#:	175820
MSS Lab ID:	228566-003	Sampled:	06/03/11
Matrix:	Soil	Received:	06/07/11
Units:	ug/Kg	Analyzed:	06/14/11
Basis:	as received		

Type: MS Diln Fac: 0.9671
Lab ID: QC596149

Analyte	MSS Result	Spiked	Result	%REC	Limits
1,1-Dichloroethene	<0.5795	48.36	50.49	104	57-134
Benzene	<0.9442	48.36	51.70	107	62-123
Trichloroethene	<1.102	48.36	49.01	101	50-146
Toluene	<1.274	48.36	52.02	108	59-120
Chlorobenzene	<0.2845	48.36	49.93	103	53-120

Surrogate	%REC	Limits
Dibromofluoromethane	102	71-126
1,2-Dichloroethane-d4	96	74-130
Toluene-d8	101	80-120
Bromofluorobenzene	99	76-131

Type: MSD Diln Fac: 0.9766
Lab ID: QC596150

Analyte	Spiked	Result	%REC	Limits	RPD	Lim
1,1-Dichloroethene	48.83	47.92	98	57-134	6	45
Benzene	48.83	50.11	103	62-123	4	40
Trichloroethene	48.83	47.35	97	50-146	4	46
Toluene	48.83	51.16	105	59-120	3	43
Chlorobenzene	48.83	48.72	100	53-120	3	43

Surrogate	%REC	Limits
Dibromofluoromethane	101	71-126
1,2-Dichloroethane-d4	95	74-130
Toluene-d8	103	80-120
Bromofluorobenzene	99	76-131

RPD= Relative Percent Difference


Curtis & Tompkins, Ltd.
Analytical Laboratories, Since 1878

Curtis & Tompkins, Ltd., Analytical Laboratories, Since 1878
2323 Fifth Street, Berkeley, CA 94710, Phone (510) 486-0900

Laboratory Job Number 228625
ANALYTICAL REPORT

Treadwell & Rollo	Project : 730487802
555 Montgomery Street	Location : Westlake & Southgate Dry Cleaners
San Francisco, CA 94111	Level : II

Sample ID	Lab ID
TR-7(1)	228625-001
TR-7(3)	228625-002
TR-7(10)	228625-003
SG-7(1)	228625-004
SG-7(3)	228625-005
SG-7(10)	228625-006

This data package has been reviewed for technical correctness and completeness. Release of this data has been authorized by the Laboratory Manager or the Manager's designee, as verified by the following signature. The results contained in this report meet all requirements of NELAC and pertain only to those samples which were submitted for analysis. This report may be reproduced only in its entirety.

Signature: _____ Date: 06/13/2011
Senior Program Manager

NELAP # 01107CA

Curtis & Tompkins, Ltd.

CASE NARRATIVE

Laboratory number:	**228625**
Client:	**Treadwell & Rollo**
Project:	**730487802**
Location:	**Westlake & Southgate Dry Cleaners**
Request Date:	**06/10/11**
Samples Received:	**06/10/11**

This data package contains sample and QC results for six air samples, requested for the above referenced project on 06/10/11. The samples were received intact.

Volatile Organics in Air by MS (EPA TO-15):
No analytical problems were encountered.

228625

Treadwell&Rollo
Environmental and Geotechnical Consultant

CHAIN OF CUSTODY RECORD

☒ 555 Montgomery Street, Suite 1300, San Francisco, CA 94111 Ph: 415.955.9040/Fax: 415.955.9041
☐ 501 14th Street, Third Floor, Oakland CA 94612 Ph: 510.874.4500/Fax: 510.874.4507
☐ 777 Campus Commons Rd., Suite 200, Sacramento, CA 95825 Ph: 916.565.7412/Fax: 916.565.7412

Site Name: Westlake & Southgate Dry Cleaners
Job Number: 730487802
Project Manager\Contact: Mike Chendorain
Samplers: Mukta Patil
Recorder (Signature Required): Mukta Patil

Turnaround Time
~~Standard~~
24-hr

Field Sample Identification No.	Date	Time	Lab Sample No.	Matrix: Soil	Matrix: Water	Matrix: Other	No. Containers & Preservative: HCL	H_2SO_4	HNO_3	Ice	Other	Analysis Requested: TO-15	Silica gel clean-up	Hold	Remarks
TR-7(1)	6/9/11	11:30 am				X						X			
TR-7(3)		12:15pm				X						X			
TR-7(10)		1:05 PM				X						X			
SG-7(1)		2:45PM				X						X			
SG-7(3)		3:30PM				X						X			
SG-7(10)	↓	4:10PM				X						X			

Relinquished by: (Signature) Mukta Patil	Date 6/9/2011	Time 8:30AM	Received by: (Signature)	Date	Time
Relinquished by: (Signature)	Date 6/10	Time	Received by: (Signature)	Date	Time
Relinquished by: (Signature)	Date	Time	Received by Lab (Signature)	Date 6/10/11	Time 0830

Sent to Laboratory (Name): Curtis & Tompkins
Laboratory Comments/Notes:

Method of Shipment ☐ Lab courier ☐ Fed Ex ☐ Airborne ☐ UPS ☐ Hand Carried ☐ Private Courier (Co. Name)

White Copy - Original Yellow Copy - Laboratory Pink Copy - Field

COC Number: 004540

Curtis & Tompkins, Ltd.

Volatile Organics in Air

Lab #:	228625	Location:	Westlake & Southgate Dry Cleaners
Client:	Treadwell & Rollo	Prep:	METHOD
Project#:	730487802	Analysis:	EPA TO-15
Field ID:	TR-7(1)	Diln Fac:	1.860
Lab ID:	228625-001	Batch#:	175725
Matrix:	Air	Sampled:	06/09/11
Units (V):	ppbv	Received:	06/10/11
Units (M):	ug/m3	Analyzed:	06/11/11

Analyte	Result (V)	RL	Result (M)	RL
Propylene	5.5	0.93	9.5	1.6
Freon 12	ND	0.93	ND	4.6
Freon 114	ND	0.93	ND	6.5
Chloromethane	ND	0.93	ND	1.9
Vinyl Chloride	ND	0.93	ND	2.4
1,3-Butadiene	ND	0.93	ND	2.1
Bromomethane	ND	0.93	ND	3.6
Chloroethane	ND	0.93	ND	2.5
Trichlorofluoromethane	ND	0.93	ND	5.2
1,1-Dichloroethene	ND	0.93	ND	3.7
Freon 113	ND	0.93	ND	7.1
Acetone	17	3.7	40	8.8
Carbon Disulfide	4.9	0.93	15	2.9
Methylene Chloride	ND	0.93	ND	3.2
trans-1,2-Dichloroethene	ND	0.93	ND	3.7
MTBE	ND	0.93	ND	3.4
n-Hexane	ND	0.93	ND	3.3
1,1-Dichloroethane	ND	0.93	ND	3.8
Vinyl Acetate	ND	0.93	ND	3.3
cis-1,2-Dichloroethene	ND	0.93	ND	3.7
2-Butanone	ND	0.93	ND	2.7
Ethyl Acetate	ND	0.93	ND	3.4
Tetrahydrofuran	ND	0.93	ND	2.7
Chloroform	ND	0.93	ND	4.5
1,1,1-Trichloroethane	ND	0.93	ND	5.1
Cyclohexane	ND	0.93	ND	3.2
Carbon Tetrachloride	ND	0.93	ND	5.9
Benzene	ND	0.93	ND	3.0
1,2-Dichloroethane	ND	0.93	ND	3.8
n-Heptane	ND	0.93	ND	3.8
Trichloroethene	1.5	0.93	7.8	5.0
1,2-Dichloropropane	ND	0.93	ND	4.3
Bromodichloromethane	ND	0.93	ND	6.2
cis-1,3-Dichloropropene	ND	0.93	ND	4.2
4-Methyl-2-Pentanone	ND	0.93	ND	3.8

ND= Not Detected
RL= Reporting Limit
Result M= Result in mass units
Result V= Result in volume units

Curtis & Tompkins, Ltd.

Volatile Organics in Air

Lab #:	228625	Location:	Westlake & Southgate Dry Cleaners
Client:	Treadwell & Rollo	Prep:	METHOD
Project#:	730487802	Analysis:	EPA TO-15
Field ID:	TR-7(1)	Diln Fac:	1.860
Lab ID:	228625-001	Batch#:	175725
Matrix:	Air	Sampled:	06/09/11
Units (V):	ppbv	Received:	06/10/11
Units (M):	ug/m3	Analyzed:	06/11/11

Analyte	Result (V)	RL	Result (M)	RL
Toluene	2.0	0.93	7.6	3.5
trans-1,3-Dichloropropene	ND	0.93	ND	4.2
1,1,2-Trichloroethane	ND	0.93	ND	5.1
Tetrachloroethene	94	0.93	640	6.3
2-Hexanone	ND	0.93	ND	3.8
Dibromochloromethane	ND	0.93	ND	7.9
1,2-Dibromoethane	ND	0.93	ND	7.1
Chlorobenzene	ND	0.93	ND	4.3
Ethylbenzene	ND	0.93	ND	4.0
m,p-Xylenes	1.8	0.93	8.0	4.0
o-Xylene	ND	0.93	ND	4.0
Styrene	ND	0.93	ND	4.0
Bromoform	ND	0.93	ND	9.6
1,1,2,2-Tetrachloroethane	ND	0.93	ND	6.4
4-Ethyltoluene	ND	0.93	ND	4.6
1,3,5-Trimethylbenzene	ND	0.93	ND	4.6
1,2,4-Trimethylbenzene	ND	0.93	ND	4.6
1,3-Dichlorobenzene	ND	0.93	ND	5.6
1,4-Dichlorobenzene	ND	0.93	ND	5.6
Benzyl chloride	ND	0.93	ND	4.8
1,2-Dichlorobenzene	ND	0.93	ND	5.6
1,2,4-Trichlorobenzene	ND	0.93	ND	6.9
Hexachlorobutadiene	ND	0.93	ND	9.9

Surrogate	%REC	Limits
Bromofluorobenzene	103	74-136

ND= Not Detected
RL= Reporting Limit
Result M= Result in mass units
Result V= Result in volume units

Curtis & Tompkins, Ltd.

Volatile Organics in Air

Lab #:	228625	Location:	Westlake & Southgate Dry Cleaners
Client:	Treadwell & Rollo	Prep:	METHOD
Project#:	730487802	Analysis:	EPA TO-15
Field ID:	TR-7(3)	Diln Fac:	3.600
Lab ID:	228625-002	Batch#:	175725
Matrix:	Air	Sampled:	06/09/11
Units (V):	ppbv	Received:	06/10/11
Units (M):	ug/m3	Analyzed:	06/11/11

Analyte	Result (V)	RL	Result (M)	RL
Propylene	ND	1.8	ND	3.1
Freon 12	ND	1.8	ND	8.9
Freon 114	ND	1.8	ND	13
Chloromethane	ND	1.8	ND	3.7
Vinyl Chloride	ND	1.8	ND	4.6
1,3-Butadiene	ND	1.8	ND	4.0
Bromomethane	ND	1.8	ND	7.0
Chloroethane	ND	1.8	ND	4.7
Trichlorofluoromethane	ND	1.8	ND	10
1,1-Dichloroethene	ND	1.8	ND	7.1
Freon 113	ND	1.8	ND	14
Acetone	13	7.2	30	17
Carbon Disulfide	ND	1.8	ND	5.6
Methylene Chloride	ND	1.8	ND	6.3
trans-1,2-Dichloroethene	ND	1.8	ND	7.1
MTBE	ND	1.8	ND	6.5
n-Hexane	ND	1.8	ND	6.3
1,1-Dichloroethane	ND	1.8	ND	7.3
Vinyl Acetate	ND	1.8	ND	6.3
cis-1,2-Dichloroethene	ND	1.8	ND	7.1
2-Butanone	ND	1.8	ND	5.3
Ethyl Acetate	ND	1.8	ND	6.5
Tetrahydrofuran	ND	1.8	ND	5.3
Chloroform	ND	1.8	ND	8.8
1,1,1-Trichloroethane	ND	1.8	ND	9.8
Cyclohexane	ND	1.8	ND	6.2
Carbon Tetrachloride	ND	1.8	ND	11
Benzene	ND	1.8	ND	5.8
1,2-Dichloroethane	ND	1.8	ND	7.3
n-Heptane	ND	1.8	ND	7.4
Trichloroethene	2.4	1.8	13	9.7
1,2-Dichloropropane	ND	1.8	ND	8.3
Bromodichloromethane	ND	1.8	ND	12
cis-1,3-Dichloropropene	ND	1.8	ND	8.2
4-Methyl-2-Pentanone	ND	1.8	ND	7.4

ND= Not Detected
RL= Reporting Limit
Result M= Result in mass units
Result V= Result in volume units

Curtis & Tompkins, Ltd.

Volatile Organics in Air

Lab #:	228625	Location:	Westlake & Southgate Dry Cleaners
Client:	Treadwell & Rollo	Prep:	METHOD
Project#:	730487802	Analysis:	EPA TO-15
Field ID:	TR-7(3)	Diln Fac:	3.600
Lab ID:	228625-002	Batch#:	175725
Matrix:	Air	Sampled:	06/09/11
Units (V):	ppbv	Received:	06/10/11
Units (M):	ug/m3	Analyzed:	06/11/11

Analyte	Result (V)	RL	Result (M)	RL
Toluene	ND	1.8	ND	6.8
trans-1,3-Dichloropropene	ND	1.8	ND	8.2
1,1,2-Trichloroethane	ND	1.8	ND	9.8
Tetrachloroethene	170	1.8	1,200	12
2-Hexanone	ND	1.8	ND	7.4
Dibromochloromethane	ND	1.8	ND	15
1,2-Dibromoethane	ND	1.8	ND	14
Chlorobenzene	ND	1.8	ND	8.3
Ethylbenzene	ND	1.8	ND	7.8
m,p-Xylenes	ND	1.8	ND	7.8
o-Xylene	ND	1.8	ND	7.8
Styrene	ND	1.8	ND	7.7
Bromoform	ND	1.8	ND	19
1,1,2,2-Tetrachloroethane	ND	1.8	ND	12
4-Ethyltoluene	ND	1.8	ND	8.8
1,3,5-Trimethylbenzene	ND	1.8	ND	8.8
1,2,4-Trimethylbenzene	ND	1.8	ND	8.8
1,3-Dichlorobenzene	ND	1.8	ND	11
1,4-Dichlorobenzene	ND	1.8	ND	11
Benzyl chloride	ND	1.8	ND	9.3
1,2-Dichlorobenzene	ND	1.8	ND	11
1,2,4-Trichlorobenzene	ND	1.8	ND	13
Hexachlorobutadiene	ND	1.8	ND	19

Surrogate	%REC	Limits
Bromofluorobenzene	100	74-136

ND= Not Detected
RL= Reporting Limit
Result M= Result in mass units
Result V= Result in volume units

Curtis & Tompkins, Ltd.

Volatile Organics in Air

Lab #:	228625	Location:	Westlake & Southgate Dry Cleaners
Client:	Treadwell & Rollo	Prep:	METHOD
Project#:	730487802	Analysis:	EPA TO-15
Field ID:	TR-7(10)	Diln Fac:	3.940
Lab ID:	228625-003	Batch#:	175725
Matrix:	Air	Sampled:	06/09/11
Units (V):	ppbv	Received:	06/10/11
Units (M):	ug/m3	Analyzed:	06/11/11

Analyte	Result (V)	RL	Result (M)	RL
Propylene	ND	2.0	ND	3.4
Freon 12	ND	2.0	ND	9.7
Freon 114	ND	2.0	ND	14
Chloromethane	ND	2.0	ND	4.1
Vinyl Chloride	ND	2.0	ND	5.0
1,3-Butadiene	ND	2.0	ND	4.4
Bromomethane	ND	2.0	ND	7.6
Chloroethane	ND	2.0	ND	5.2
Trichlorofluoromethane	ND	2.0	ND	11
1,1-Dichloroethene	ND	2.0	ND	7.8
Freon 113	ND	2.0	ND	15
Acetone	9.9	7.9	23	19
Carbon Disulfide	ND	2.0	ND	6.1
Methylene Chloride	ND	2.0	ND	6.8
trans-1,2-Dichloroethene	ND	2.0	ND	7.8
MTBE	ND	2.0	ND	7.1
n-Hexane	ND	2.0	ND	6.9
1,1-Dichloroethane	ND	2.0	ND	8.0
Vinyl Acetate	ND	2.0	ND	6.9
cis-1,2-Dichloroethene	ND	2.0	ND	7.8
2-Butanone	ND	2.0	ND	5.8
Ethyl Acetate	ND	2.0	ND	7.1
Tetrahydrofuran	ND	2.0	ND	5.8
Chloroform	ND	2.0	ND	9.6
1,1,1-Trichloroethane	ND	2.0	ND	11
Cyclohexane	ND	2.0	ND	6.8
Carbon Tetrachloride	ND	2.0	ND	12
Benzene	ND	2.0	ND	6.3
1,2-Dichloroethane	ND	2.0	ND	8.0
n-Heptane	ND	2.0	ND	8.1
Trichloroethene	3.3	2.0	17	11
1,2-Dichloropropane	ND	2.0	ND	9.1
Bromodichloromethane	ND	2.0	ND	13
cis-1,3-Dichloropropene	ND	2.0	ND	8.9
4-Methyl-2-Pentanone	ND	2.0	ND	8.1

ND= Not Detected
RL= Reporting Limit
Result M= Result in mass units
Result V= Result in volume units

Curtis & Tompkins, Ltd.

Volatile Organics in Air

Lab #:	228625	Location:	Westlake & Southgate Dry Cleaners
Client:	Treadwell & Rollo	Prep:	METHOD
Project#:	730487802	Analysis:	EPA TO-15
Field ID:	TR-7(10)	Diln Fac:	3.940
Lab ID:	228625-003	Batch#:	175725
Matrix:	Air	Sampled:	06/09/11
Units (V):	ppbv	Received:	06/10/11
Units (M):	ug/m3	Analyzed:	06/11/11

Analyte	Result (V)	RL	Result (M)	RL
Toluene	ND	2.0	ND	7.4
trans-1,3-Dichloropropene	ND	2.0	ND	8.9
1,1,2-Trichloroethane	ND	2.0	ND	11
Tetrachloroethene	220	2.0	1,500	13
2-Hexanone	ND	2.0	ND	8.1
Dibromochloromethane	ND	2.0	ND	17
1,2-Dibromoethane	ND	2.0	ND	15
Chlorobenzene	ND	2.0	ND	9.1
Ethylbenzene	ND	2.0	ND	8.6
m,p-Xylenes	ND	2.0	ND	8.6
o-Xylene	ND	2.0	ND	8.6
Styrene	ND	2.0	ND	8.4
Bromoform	ND	2.0	ND	20
1,1,2,2-Tetrachloroethane	ND	2.0	ND	14
4-Ethyltoluene	ND	2.0	ND	9.7
1,3,5-Trimethylbenzene	ND	2.0	ND	9.7
1,2,4-Trimethylbenzene	ND	2.0	ND	9.7
1,3-Dichlorobenzene	ND	2.0	ND	12
1,4-Dichlorobenzene	ND	2.0	ND	12
Benzyl chloride	ND	2.0	ND	10
1,2-Dichlorobenzene	ND	2.0	ND	12
1,2,4-Trichlorobenzene	ND	2.0	ND	15
Hexachlorobutadiene	ND	2.0	ND	21

Surrogate	%REC	Limits
Bromofluorobenzene	100	74-136

ND= Not Detected
RL= Reporting Limit
Result M= Result in mass units
Result V= Result in volume units

Curtis & Tompkins, Ltd.

Volatile Organics in Air

Lab #:	228625	Location:	Westlake & Southgate Dry Cleaners
Client:	Treadwell & Rollo	Prep:	METHOD
Project#:	730487802	Analysis:	EPA TO-15
Field ID:	SG-7(1)	Diln Fac:	1.840
Lab ID:	228625-004	Batch#:	175725
Matrix:	Air	Sampled:	06/09/11
Units (V):	ppbv	Received:	06/10/11
Units (M):	ug/m3	Analyzed:	06/11/11

Analyte	Result (V)	RL	Result (M)	RL
Propylene	1.4	0.92	2.4	1.6
Freon 12	ND	0.92	ND	4.5
Freon 114	ND	0.92	ND	6.4
Chloromethane	ND	0.92	ND	1.9
Vinyl Chloride	ND	0.92	ND	2.4
1,3-Butadiene	ND	0.92	ND	2.0
Bromomethane	ND	0.92	ND	3.6
Chloroethane	ND	0.92	ND	2.4
Trichlorofluoromethane	ND	0.92	ND	5.2
1,1-Dichloroethene	ND	0.92	ND	3.6
Freon 113	ND	0.92	ND	7.1
Acetone	41	3.7	98	8.7
Carbon Disulfide	1.7	0.92	5.2	2.9
Methylene Chloride	ND	0.92	ND	3.2
trans-1,2-Dichloroethene	ND	0.92	ND	3.6
MTBE	ND	0.92	ND	3.3
n-Hexane	ND	0.92	ND	3.2
1,1-Dichloroethane	ND	0.92	ND	3.7
Vinyl Acetate	ND	0.92	ND	3.2
cis-1,2-Dichloroethene	ND	0.92	ND	3.6
2-Butanone	1.2	0.92	3.5	2.7
Ethyl Acetate	ND	0.92	ND	3.3
Tetrahydrofuran	ND	0.92	ND	2.7
Chloroform	ND	0.92	ND	4.5
1,1,1-Trichloroethane	ND	0.92	ND	5.0
Cyclohexane	ND	0.92	ND	3.2
Carbon Tetrachloride	ND	0.92	ND	5.8
Benzene	ND	0.92	ND	2.9
1,2-Dichloroethane	ND	0.92	ND	3.7
n-Heptane	ND	0.92	ND	3.8
Trichloroethene	ND	0.92	ND	4.9
1,2-Dichloropropane	ND	0.92	ND	4.3
Bromodichloromethane	ND	0.92	ND	6.2
cis-1,3-Dichloropropene	ND	0.92	ND	4.2
4-Methyl-2-Pentanone	ND	0.92	ND	3.8

ND= Not Detected
RL= Reporting Limit
Result M= Result in mass units
Result V= Result in volume units

Curtis & Tompkins, Ltd.

Volatile Organics in Air

Lab #:	228625	Location:	Westlake & Southgate Dry Cleaners
Client:	Treadwell & Rollo	Prep:	METHOD
Project#:	730487802	Analysis:	EPA TO-15
Field ID:	SG-7(1)	Diln Fac:	1.840
Lab ID:	228625-004	Batch#:	175725
Matrix:	Air	Sampled:	06/09/11
Units (V):	ppbv	Received:	06/10/11
Units (M):	ug/m3	Analyzed:	06/11/11

Analyte	Result (V)	RL	Result (M)	RL
Toluene	7.8	0.92	29	3.5
trans-1,3-Dichloropropene	ND	0.92	ND	4.2
1,1,2-Trichloroethane	ND	0.92	ND	5.0
Tetrachloroethene	94	0.92	640	6.2
2-Hexanone	ND	0.92	ND	3.8
Dibromochloromethane	ND	0.92	ND	7.8
1,2-Dibromoethane	ND	0.92	ND	7.1
Chlorobenzene	ND	0.92	ND	4.2
Ethylbenzene	1.4	0.92	6.3	4.0
m,p-Xylenes	5.1	0.92	22	4.0
o-Xylene	1.6	0.92	7.1	4.0
Styrene	ND	0.92	ND	3.9
Bromoform	ND	0.92	ND	9.5
1,1,2,2-Tetrachloroethane	ND	0.92	ND	6.3
4-Ethyltoluene	ND	0.92	ND	4.5
1,3,5-Trimethylbenzene	ND	0.92	ND	4.5
1,2,4-Trimethylbenzene	1.2	0.92	6.0	4.5
1,3-Dichlorobenzene	ND	0.92	ND	5.5
1,4-Dichlorobenzene	ND	0.92	ND	5.5
Benzyl chloride	ND	0.92	ND	4.8
1,2-Dichlorobenzene	ND	0.92	ND	5.5
1,2,4-Trichlorobenzene	ND	0.92	ND	6.8
Hexachlorobutadiene	ND	0.92	ND	9.8

Surrogate	%REC	Limits
Bromofluorobenzene	100	74-136

ND= Not Detected
RL= Reporting Limit
Result M= Result in mass units
Result V= Result in volume units

Curtis & Tompkins, Ltd.

Volatile Organics in Air

Lab #:	228625	Location:	Westlake & Southgate Dry Cleaners
Client:	Treadwell & Rollo	Prep:	METHOD
Project#:	730487802	Analysis:	EPA TO-15
Field ID:	SG-7(3)	Diln Fac:	1.890
Lab ID:	228625-005	Batch#:	175725
Matrix:	Air	Sampled:	06/09/11
Units (V):	ppbv	Received:	06/10/11
Units (M):	ug/m3	Analyzed:	06/11/11

Analyte	Result (V)	RL	Result (M)	RL
Propylene	1.9	0.95	3.2	1.6
Freon 12	ND	0.95	ND	4.7
Freon 114	ND	0.95	ND	6.6
Chloromethane	ND	0.95	ND	2.0
Vinyl Chloride	ND	0.95	ND	2.4
1,3-Butadiene	ND	0.95	ND	2.1
Bromomethane	ND	0.95	ND	3.7
Chloroethane	ND	0.95	ND	2.5
Trichlorofluoromethane	ND	0.95	ND	5.3
1,1-Dichloroethene	ND	0.95	ND	3.7
Freon 113	ND	0.95	ND	7.2
Acetone	22	3.8	53	9.0
Carbon Disulfide	1.4	0.95	4.3	2.9
Methylene Chloride	ND	0.95	ND	3.3
trans-1,2-Dichloroethene	ND	0.95	ND	3.7
MTBE	ND	0.95	ND	3.4
n-Hexane	ND	0.95	ND	3.3
1,1-Dichloroethane	ND	0.95	ND	3.8
Vinyl Acetate	ND	0.95	ND	3.3
cis-1,2-Dichloroethene	ND	0.95	ND	3.7
2-Butanone	1.1	0.95	3.2	2.8
Ethyl Acetate	ND	0.95	ND	3.4
Tetrahydrofuran	ND	0.95	ND	2.8
Chloroform	ND	0.95	ND	4.6
1,1,1-Trichloroethane	ND	0.95	ND	5.2
Cyclohexane	ND	0.95	ND	3.3
Carbon Tetrachloride	ND	0.95	ND	5.9
Benzene	ND	0.95	ND	3.0
1,2-Dichloroethane	ND	0.95	ND	3.8
n-Heptane	ND	0.95	ND	3.9
Trichloroethene	2.1	0.95	11	5.1
1,2-Dichloropropane	ND	0.95	ND	4.4
Bromodichloromethane	ND	0.95	ND	6.3
cis-1,3-Dichloropropene	ND	0.95	ND	4.3
4-Methyl-2-Pentanone	ND	0.95	ND	3.9

ND= Not Detected
RL= Reporting Limit
Result M= Result in mass units
Result V= Result in volume units

Curtis & Tompkins, Ltd.

Volatile Organics in Air

Lab #:	228625	Location:	Westlake & Southgate Dry Cleaners
Client:	Treadwell & Rollo	Prep:	METHOD
Project#:	730487802	Analysis:	EPA TO-15
Field ID:	SG-7(3)	Diln Fac:	1.890
Lab ID:	228625-005	Batch#:	175725
Matrix:	Air	Sampled:	06/09/11
Units (V):	ppbv	Received:	06/10/11
Units (M):	ug/m3	Analyzed:	06/11/11

Analyte	Result (V)	RL	Result (M)	RL
Toluene	4.8	0.95	18	3.6
trans-1,3-Dichloropropene	ND	0.95	ND	4.3
1,1,2-Trichloroethane	ND	0.95	ND	5.2
Tetrachloroethene	160	0.95	1,100	6.4
2-Hexanone	ND	0.95	ND	3.9
Dibromochloromethane	ND	0.95	ND	8.1
1,2-Dibromoethane	ND	0.95	ND	7.3
Chlorobenzene	ND	0.95	ND	4.4
Ethylbenzene	1.2	0.95	5.4	4.1
m,p-Xylenes	4.8	0.95	21	4.1
o-Xylene	1.5	0.95	6.3	4.1
Styrene	ND	0.95	ND	4.0
Bromoform	ND	0.95	ND	9.8
1,1,2,2-Tetrachloroethane	ND	0.95	ND	6.5
4-Ethyltoluene	ND	0.95	ND	4.6
1,3,5-Trimethylbenzene	ND	0.95	ND	4.6
1,2,4-Trimethylbenzene	1.4	0.95	7.1	4.6
1,3-Dichlorobenzene	ND	0.95	ND	5.7
1,4-Dichlorobenzene	ND	0.95	ND	5.7
Benzyl chloride	ND	0.95	ND	4.9
1,2-Dichlorobenzene	ND	0.95	ND	5.7
1,2,4-Trichlorobenzene	ND	0.95	ND	7.0
Hexachlorobutadiene	ND	0.95	ND	10

Surrogate	%REC	Limits
Bromofluorobenzene	110	74-136

ND= Not Detected
RL= Reporting Limit
Result M= Result in mass units
Result V= Result in volume units

Curtis & Tompkins, Ltd.

Volatile Organics in Air

Lab #:	228625	Location:	Westlake & Southgate Dry Cleaners
Client:	Treadwell & Rollo	Prep:	METHOD
Project#:	730487802	Analysis:	EPA TO-15
Field ID:	SG-7(10)	Diln Fac:	2.150
Lab ID:	228625-006	Batch#:	175725
Matrix:	Air	Sampled:	06/09/11
Units (V):	ppbv	Received:	06/10/11
Units (M):	ug/m3	Analyzed:	06/11/11

Analyte	Result (V)	RL	Result (M)	RL
Propylene	ND	1.1	ND	1.9
Freon 12	ND	1.1	ND	5.3
Freon 114	ND	1.1	ND	7.5
Chloromethane	ND	1.1	ND	2.2
Vinyl Chloride	ND	1.1	ND	2.7
1,3-Butadiene	ND	1.1	ND	2.4
Bromomethane	ND	1.1	ND	4.2
Chloroethane	ND	1.1	ND	2.8
Trichlorofluoromethane	ND	1.1	ND	6.0
1,1-Dichloroethene	ND	1.1	ND	4.3
Freon 113	ND	1.1	ND	8.2
Acetone	65	4.3	150	10
Carbon Disulfide	ND	1.1	ND	3.3
Methylene Chloride	ND	1.1	ND	3.7
trans-1,2-Dichloroethene	ND	1.1	ND	4.3
MTBE	ND	1.1	ND	3.9
n-Hexane	ND	1.1	ND	3.8
1,1-Dichloroethane	ND	1.1	ND	4.4
Vinyl Acetate	ND	1.1	ND	3.8
cis-1,2-Dichloroethene	ND	1.1	ND	4.3
2-Butanone	1.3	1.1	3.9	3.2
Ethyl Acetate	ND	1.1	ND	3.9
Tetrahydrofuran	ND	1.1	ND	3.2
Chloroform	ND	1.1	ND	5.2
1,1,1-Trichloroethane	ND	1.1	ND	5.9
Cyclohexane	ND	1.1	ND	3.7
Carbon Tetrachloride	ND	1.1	ND	6.8
Benzene	ND	1.1	ND	3.4
1,2-Dichloroethane	ND	1.1	ND	4.4
n-Heptane	ND	1.1	ND	4.4
Trichloroethene	ND	1.1	ND	5.8
1,2-Dichloropropane	ND	1.1	ND	5.0
Bromodichloromethane	ND	1.1	ND	7.2
cis-1,3-Dichloropropene	ND	1.1	ND	4.9
4-Methyl-2-Pentanone	ND	1.1	ND	4.4

ND= Not Detected
RL= Reporting Limit
Result M= Result in mass units
Result V= Result in volume units

Curtis & Tompkins, Ltd.

Volatile Organics in Air

Lab #:	228625	Location:	Westlake & Southgate Dry Cleaners
Client:	Treadwell & Rollo	Prep:	METHOD
Project#:	730487802	Analysis:	EPA TO-15
Field ID:	SG-7(10)	Diln Fac:	2.150
Lab ID:	228625-006	Batch#:	175725
Matrix:	Air	Sampled:	06/09/11
Units (V):	ppbv	Received:	06/10/11
Units (M):	ug/m3	Analyzed:	06/11/11

Analyte	Result (V)	RL	Result (M)	RL
Toluene	2.8	1.1	11	4.1
trans-1,3-Dichloropropene	ND	1.1	ND	4.9
1,1,2-Trichloroethane	ND	1.1	ND	5.9
Tetrachloroethene	79	1.1	540	7.3
2-Hexanone	ND	1.1	ND	4.4
Dibromochloromethane	ND	1.1	ND	9.2
1,2-Dibromoethane	ND	1.1	ND	8.3
Chlorobenzene	ND	1.1	ND	4.9
Ethylbenzene	ND	1.1	ND	4.7
m,p-Xylenes	1.7	1.1	7.4	4.7
o-Xylene	ND	1.1	ND	4.7
Styrene	ND	1.1	ND	4.6
Bromoform	ND	1.1	ND	11
1,1,2,2-Tetrachloroethane	ND	1.1	ND	7.4
4-Ethyltoluene	ND	1.1	ND	5.3
1,3,5-Trimethylbenzene	ND	1.1	ND	5.3
1,2,4-Trimethylbenzene	ND	1.1	ND	5.3
1,3-Dichlorobenzene	ND	1.1	ND	6.5
1,4-Dichlorobenzene	ND	1.1	ND	6.5
Benzyl chloride	ND	1.1	ND	5.6
1,2-Dichlorobenzene	ND	1.1	ND	6.5
1,2,4-Trichlorobenzene	ND	1.1	ND	8.0
Hexachlorobutadiene	ND	1.1	ND	11

Surrogate	%REC	Limits
Bromofluorobenzene	98	74-136

ND= Not Detected
RL= Reporting Limit
Result M= Result in mass units
Result V= Result in volume units

Curtis & Tompkins, Ltd.

Batch QC Report

Volatile Organics in Air

Lab #:	228625	Location:	Westlake & Southgate Dry Cleaners
Client:	Treadwell & Rollo	Prep:	METHOD
Project#:	730487802	Analysis:	EPA TO-15
Matrix:	Air	Batch#:	175725
Units (V):	ppbv	Analyzed:	06/11/11
Diln Fac:	1.000		

Type: BS Lab ID: QC595741

Analyte	Spiked	Result (V)	%REC	Limits
Propylene	10.00	10.55	106	70-130
Freon 12	10.00	10.36	104	70-130
Freon 114	10.00	10.86	109	70-130
Chloromethane	10.00	10.31	103	70-130
Vinyl Chloride	10.00	9.948	99	70-130
1,3-Butadiene	10.00	10.24	102	70-130
Bromomethane	10.00	10.03	100	70-130
Chloroethane	10.00	9.846	98	70-130
Trichlorofluoromethane	10.00	10.16	102	70-130
1,1-Dichloroethene	10.00	10.21	102	70-130
Freon 113	10.00	10.10	101	70-130
Acetone	10.00	9.908	99	70-130
Carbon Disulfide	10.00	10.19	102	70-130
Methylene Chloride	10.00	9.661	97	70-130
trans-1,2-Dichloroethene	10.00	9.959	100	70-130
MTBE	10.00	9.912	99	70-130
n-Hexane	10.00	9.508	95	70-130
1,1-Dichloroethane	10.00	9.560	96	70-130
Vinyl Acetate	10.00	9.307	93	70-130
cis-1,2-Dichloroethene	10.00	9.601	96	70-130
2-Butanone	10.00	10.37	104	70-130
Ethyl Acetate	10.00	10.15	101	70-130
Tetrahydrofuran	10.00	9.256	93	70-130
Chloroform	10.00	9.778	98	70-130
1,1,1-Trichloroethane	10.00	9.376	94	70-130
Cyclohexane	10.00	9.089	91	70-130
Carbon Tetrachloride	10.00	8.853	89	70-130
Benzene	10.00	8.938	89	70-130
1,2-Dichloroethane	10.00	9.144	91	70-130
n-Heptane	10.00	9.261	93	70-130
Trichloroethene	10.00	8.366	84	70-130
1,2-Dichloropropane	10.00	8.584	86	70-130
Bromodichloromethane	10.00	10.31	103	70-130
cis-1,3-Dichloropropene	10.00	8.591	86	70-130

RPD= Relative Percent Difference
Result V= Result in volume units

Curtis & Tompkins, Ltd.

Batch QC Report

Volatile Organics in Air

Lab #:	228625	Location:	Westlake & Southgate Dry Cleaners
Client:	Treadwell & Rollo	Prep:	METHOD
Project#:	730487802	Analysis:	EPA TO-15
Matrix:	Air	Batch#:	175725
Units (V):	ppbv	Analyzed:	06/11/11
Diln Fac:	1.000		

Analyte	Spiked	Result (V)	%REC	Limits
4-Methyl-2-Pentanone	10.00	9.747	97	70-130
Toluene	10.00	10.20	102	70-130
trans-1,3-Dichloropropene	10.00	8.980	90	70-130
1,1,2-Trichloroethane	10.00	9.192	92	70-130
Tetrachloroethene	10.00	9.956	100	70-130
2-Hexanone	10.00	10.27	103	70-134
Dibromochloromethane	10.00	9.271	93	70-130
1,2-Dibromoethane	10.00	9.201	92	70-130
Chlorobenzene	10.00	10.22	102	70-130
Ethylbenzene	10.00	9.616	96	70-130
m,p-Xylenes	20.00	20.66	103	70-130
o-Xylene	10.00	9.853	99	70-130
Styrene	10.00	9.832	98	70-130
Bromoform	10.00	8.868	89	70-130
1,1,2,2-Tetrachloroethane	10.00	9.981	100	70-130
4-Ethyltoluene	10.00	9.853	99	70-130
1,3,5-Trimethylbenzene	10.00	10.03	100	70-130
1,2,4-Trimethylbenzene	10.00	10.06	101	70-130
1,3-Dichlorobenzene	10.00	10.06	101	70-130
1,4-Dichlorobenzene	10.00	9.990	100	70-130
Benzyl chloride	10.00	10.07	101	70-130
1,2-Dichlorobenzene	10.00	9.899	99	70-130
1,2,4-Trichlorobenzene	10.00	8.372	84	70-130
Hexachlorobutadiene	10.00	9.371	94	70-130

Surrogate	%REC	Limits
Bromofluorobenzene	104	70-136

RPD= Relative Percent Difference
Result V= Result in volume units

Curtis & Tompkins, Ltd.

Batch QC Report

Volatile Organics in Air

Lab #:	228625	Location:	Westlake & Southgate Dry Cleaners
Client:	Treadwell & Rollo	Prep:	METHOD
Project#:	730487802	Analysis:	EPA TO-15
Matrix:	Air	Batch#:	175725
Units (V):	ppbv	Analyzed:	06/11/11
Diln Fac:	1.000		

Type: BSD Lab ID: QC595742

Analyte	Spiked	Result (V)	%REC	Limits	RPD	Lim
Propylene	10.00	10.53	105	70-130	0	20
Freon 12	10.00	9.999	100	70-130	4	20
Freon 114	10.00	10.39	104	70-130	4	20
Chloromethane	10.00	9.836	98	70-130	5	20
Vinyl Chloride	10.00	9.555	96	70-130	4	20
1,3-Butadiene	10.00	9.279	93	70-130	10	20
Bromomethane	10.00	9.967	100	70-130	1	20
Chloroethane	10.00	9.665	97	70-130	2	20
Trichlorofluoromethane	10.00	9.878	99	70-130	3	20
1,1-Dichloroethene	10.00	9.876	99	70-130	3	20
Freon 113	10.00	10.01	100	70-130	1	20
Acetone	10.00	9.587	96	70-130	3	20
Carbon Disulfide	10.00	9.722	97	70-130	5	20
Methylene Chloride	10.00	9.442	94	70-130	2	20
trans-1,2-Dichloroethene	10.00	9.805	98	70-130	2	20
MTBE	10.00	9.904	99	70-130	0	20
n-Hexane	10.00	9.154	92	70-130	4	20
1,1-Dichloroethane	10.00	9.514	95	70-130	0	20
Vinyl Acetate	10.00	9.812	98	70-130	5	20
cis-1,2-Dichloroethene	10.00	9.545	95	70-130	1	20
2-Butanone	10.00	10.27	103	70-130	1	20
Ethyl Acetate	10.00	9.857	99	70-130	3	20
Tetrahydrofuran	10.00	9.232	92	70-130	0	20
Chloroform	10.00	9.633	96	70-130	1	20
1,1,1-Trichloroethane	10.00	9.503	95	70-130	1	20
Cyclohexane	10.00	9.528	95	70-130	5	20
Carbon Tetrachloride	10.00	9.062	91	70-130	2	20
Benzene	10.00	9.223	92	70-130	3	20
1,2-Dichloroethane	10.00	9.404	94	70-130	3	20
n-Heptane	10.00	9.454	95	70-130	2	20
Trichloroethene	10.00	9.235	92	70-130	10	20
1,2-Dichloropropane	10.00	9.307	93	70-130	8	20
Bromodichloromethane	10.00	10.62	106	70-130	3	20
cis-1,3-Dichloropropene	10.00	9.439	94	70-130	9	20

RPD= Relative Percent Difference
Result V= Result in volume units

Curtis & Tompkins, Ltd.

Batch QC Report

Volatile Organics in Air

Lab #:	228625	Location:	Westlake & Southgate Dry Cleaners
Client:	Treadwell & Rollo	Prep:	METHOD
Project#:	730487802	Analysis:	EPA TO-15
Matrix:	Air	Batch#:	175725
Units (V):	ppbv	Analyzed:	06/11/11
Diln Fac:	1.000		

Analyte	Spiked	Result (V)	%REC	Limits	RPD	Lim
4-Methyl-2-Pentanone	10.00	9.638	96	70-130	1	20
Toluene	10.00	9.973	100	70-130	2	20
trans-1,3-Dichloropropene	10.00	9.443	94	70-130	5	20
1,1,2-Trichloroethane	10.00	9.156	92	70-130	0	20
Tetrachloroethene	10.00	9.328	93	70-130	7	20
2-Hexanone	10.00	10.27	103	70-134	0	20
Dibromochloromethane	10.00	9.763	98	70-130	5	20
1,2-Dibromoethane	10.00	9.113	91	70-130	1	20
Chlorobenzene	10.00	10.66	107	70-130	4	20
Ethylbenzene	10.00	9.812	98	70-130	2	20
m,p-Xylenes	20.00	20.98	105	70-130	2	20
o-Xylene	10.00	9.835	98	70-130	0	20
Styrene	10.00	9.779	98	70-130	1	20
Bromoform	10.00	8.642	86	70-130	3	20
1,1,2,2-Tetrachloroethane	10.00	10.26	103	70-130	3	20
4-Ethyltoluene	10.00	10.03	100	70-130	2	20
1,3,5-Trimethylbenzene	10.00	10.27	103	70-130	2	20
1,2,4-Trimethylbenzene	10.00	10.16	102	70-130	1	20
1,3-Dichlorobenzene	10.00	9.940	99	70-130	1	20
1,4-Dichlorobenzene	10.00	10.36	104	70-130	4	20
Benzyl chloride	10.00	10.31	103	70-130	2	20
1,2-Dichlorobenzene	10.00	9.875	99	70-130	0	20
1,2,4-Trichlorobenzene	10.00	10.09	101	70-130	19	20
Hexachlorobutadiene	10.00	9.340	93	70-130	0	20

Surrogate	%REC	Limits
Bromofluorobenzene	104	70-136

RPD= Relative Percent Difference
Result V= Result in volume units

Curtis & Tompkins, Ltd.

Batch QC Report

Volatile Organics in Air

Lab #:	228625	Location:	Westlake & Southgate Dry Cleaners
Client:	Treadwell & Rollo	Prep:	METHOD
Project#:	730487802	Analysis:	EPA TO-15
Type:	BLANK	Units (M):	ug/m3
Lab ID:	QC595743	Diln Fac:	1.000
Matrix:	Air	Batch#:	175725
Units (V):	ppbv	Analyzed:	06/11/11

Analyte	Result (V)	RL	Result (M)	RL
Propylene	ND	0.50	ND	0.86
Freon 12	ND	0.50	ND	2.5
Freon 114	ND	0.50	ND	3.5
Chloromethane	ND	0.50	ND	1.0
Vinyl Chloride	ND	0.50	ND	1.3
1,3-Butadiene	ND	0.50	ND	1.1
Bromomethane	ND	0.50	ND	1.9
Chloroethane	ND	0.50	ND	1.3
Trichlorofluoromethane	ND	0.50	ND	2.8
1,1-Dichloroethene	ND	0.50	ND	2.0
Freon 113	ND	0.50	ND	3.8
Acetone	ND	2.0	ND	4.8
Carbon Disulfide	ND	0.50	ND	1.6
Methylene Chloride	ND	0.50	ND	1.7
trans-1,2-Dichloroethene	ND	0.50	ND	2.0
MTBE	ND	0.50	ND	1.8
n-Hexane	ND	0.50	ND	1.8
1,1-Dichloroethane	ND	0.50	ND	2.0
Vinyl Acetate	ND	0.50	ND	1.8
cis-1,2-Dichloroethene	ND	0.50	ND	2.0
2-Butanone	ND	0.50	ND	1.5
Ethyl Acetate	ND	0.50	ND	1.8
Tetrahydrofuran	ND	0.50	ND	1.5
Chloroform	ND	0.50	ND	2.4
1,1,1-Trichloroethane	ND	0.50	ND	2.7
Cyclohexane	ND	0.50	ND	1.7
Carbon Tetrachloride	ND	0.50	ND	3.1
Benzene	ND	0.50	ND	1.6
1,2-Dichloroethane	ND	0.50	ND	2.0
n-Heptane	ND	0.50	ND	2.0
Trichloroethene	ND	0.50	ND	2.7
1,2-Dichloropropane	ND	0.50	ND	2.3
Bromodichloromethane	ND	0.50	ND	3.4
cis-1,3-Dichloropropene	ND	0.50	ND	2.3
4-Methyl-2-Pentanone	ND	0.50	ND	2.0

ND= Not Detected
RL= Reporting Limit
Result M= Result in mass units
Result V= Result in volume units

Curtis & Tompkins, Ltd.

Batch QC Report

Volatile Organics in Air

Lab #:	228625	Location:	Westlake & Southgate Dry Cleaners
Client:	Treadwell & Rollo	Prep:	METHOD
Project#:	730487802	Analysis:	EPA TO-15
Type:	BLANK	Units (M):	ug/m3
Lab ID:	QC595743	Diln Fac:	1.000
Matrix:	Air	Batch#:	175725
Units (V):	ppbv	Analyzed:	06/11/11

Analyte	Result (V)	RL	Result (M)	RL
Toluene	ND	0.50	ND	1.9
trans-1,3-Dichloropropene	ND	0.50	ND	2.3
1,1,2-Trichloroethane	ND	0.50	ND	2.7
Tetrachloroethene	ND	0.50	ND	3.4
2-Hexanone	ND	0.50	ND	2.0
Dibromochloromethane	ND	0.50	ND	4.3
1,2-Dibromoethane	ND	0.50	ND	3.8
Chlorobenzene	ND	0.50	ND	2.3
Ethylbenzene	ND	0.50	ND	2.2
m,p-Xylenes	ND	0.50	ND	2.2
o-Xylene	ND	0.50	ND	2.2
Styrene	ND	0.50	ND	2.1
Bromoform	ND	0.50	ND	5.2
1,1,2,2-Tetrachloroethane	ND	0.50	ND	3.4
4-Ethyltoluene	ND	0.50	ND	2.5
1,3,5-Trimethylbenzene	ND	0.50	ND	2.5
1,2,4-Trimethylbenzene	ND	0.50	ND	2.5
1,3-Dichlorobenzene	ND	0.50	ND	3.0
1,4-Dichlorobenzene	ND	0.50	ND	3.0
Benzyl chloride	ND	0.50	ND	2.6
1,2-Dichlorobenzene	ND	0.50	ND	3.0
1,2,4-Trichlorobenzene	ND	0.50	ND	3.7
Hexachlorobutadiene	ND	0.50	ND	5.3

Surrogate	%REC	Limits
Bromofluorobenzene	101	70-136

ND= Not Detected
RL= Reporting Limit
Result M= Result in mass units
Result V= Result in volume units


Curtis & Tompkins, Ltd.
Analytical Laboratories, Since 1878

Curtis & Tompkins, Ltd., Analytical Laboratories, Since 1878
2323 Fifth Street, Berkeley, CA 94710, Phone (510) 486-0900

Laboratory Job Number 228783
ANALYTICAL REPORT

Treadwell & Rollo	Project : 730487803
555 Montgomery Street	Location : Westlake & Southgate Dry Cleaners
San Francisco, CA 94111	Level : II

Sample ID	Lab ID
TR-5	228783-001
TR-6	228783-002
TR-8	228783-003
TR-9	228783-004
TR-10(DUP)	228783-005
TR-10	228783-006
SG-4	228783-007
SG-5	228783-008
SG-6	228783-009
SG-6(DUP)	228783-010
SG-8	228783-011
SG-9	228783-012

This data package has been reviewed for technical correctness and completeness. Release of this data has been authorized by the Laboratory Manager or the Manager's designee, as verified by the following signature. The results contained in this report meet all requirements of NELAC and pertain only to those samples which were submitted for analysis. This report may be reproduced only in its entirety.

Signature: _____ Date: 06/24/2011
Project Manager

NELAP # 01107CA

Curtis & Tompkins, Ltd.

CASE NARRATIVE

Laboratory number:	**228783**
Client:	**Treadwell & Rollo**
Project:	**730487803**
Location:	**Westlake & Southgate Dry Cleaners**
Request Date:	**06/16/11**
Samples Received:	**06/16/11**

This data package contains sample and QC results for twelve air samples, requested for the above referenced project on 06/16/11. The samples were received intact at ambient temperature.

Volatile Organics in Air by MS (EPA TO-15):
No analytical problems were encountered.

228783

Treadwell&Rollo
Environmental and Geotechnical Consultant

CHAIN OF CUSTODY RECORD

☒ 555 Montgomery Street, Suite 1300, San Francisco, CA 94111 Ph: 415.955.9040/Fax: 415.955.9041
☐ 501 14th Street, Third Floor, Oakland CA 94612 Ph: 510.874.4500/Fax: 510.874.4507
☐ 777 Campus Commons Rd., Suite 200, Sacramento, CA 95825 Ph: 916.565.7412/Fax: 916.565.7412

Site Name: Westlake & Southgate Dry Cleaners
Job Number: 730487803
Project Manager\Contact: Mike Chendorain
Samplers: Mukta Patil & Rob Mikuta
Recorder (Signature Required): Mukta Patil

Turnaround Time: Standard

	Field Sample Identification No.	Date	Time	Lab Sample No.	Matrix: Soil	Water	Other	No. Containers & Preservative: HCL	H_2SO_4	HNO_3	Ice	Other	Analysis Requested: TO-15																Silica gel clean-up	Hold	Remarks
1	TR-5	6/14/11	2:55pm				X						X																	
2	TR-6	6/14/11	3:30pm				X						X																	
3	TR-8	6/14/11	4:15 pm				X						X																	
4	TR-9	6/14/11	10 AM				X						X																	
5	TR-10(Dup)	6/14/11	11:30AM				X						X																	
6	TR-10	6/14/11	11:00AM				X						X																	
7	SG-4	6/16/11	9:45 AM				X						X																	
8	SG-5	6/16/11	10:30 AM				X						X																	
9	SG-6	6/16/11	11:15 AM				X						X																	
10	SG-6(Dup)	6/16/11	11:30AM				X						X																	
11	SG-8	6/16/11	8:30am				X						X																	
12	SG-9	6/16/11	9:00am				X						X																	

Relinquished by: (Signature) Mukta Patil	Date 6/16/11	Time 1640	Received by: (Signature)
Relinquished by: (Signature)	Date	Time	Received by: (Signature)
Relinquished by: (Signature)	Date	Time	Received by Lab: (Signature)

Received by: (Signature) — Date 6/16/11 — Time 16:40
Date — Time
Date — Time

Sent to Laboratory (Name): Curtis & Tompkins
Laboratory Comments/Notes:

Method of Shipment: ☒ Lab courier ☐ Fed Ex ☐ Airborne ☐ UPS ☐ Hand Carried ☐ Private Courier (Co. Name)

White Copy - Original — Yellow Copy - Laboratory — Pink Copy - Field

COC Number: 005302

COOLER RECEIPT CHECKLIST Curtis & Tompkins, Ltd.

Login # 228783 Date Received 6/16/11 ~~Number of coolers~~ via 3 boxes
Client Treadwell & Rollo Project Westlake & Southgate Dry cleaners

Date Opened 6/16/11 By (print) Vidia Oorsh (sign)
Date Logged in 6/17/11 By (print) R. Rams (sign)

1. Did cooler come with a shipping slip (airbill, etc)_____ YES (NO)
   Shipping info_____

2A. Were custody seals present? .... ☐ YES (circle) on cooler on samples ☒ NO
   How many _____ Name_____ Date_____
2B. Were custody seals intact upon arrival? _____ YES NO (N/A)
3. Were custody papers dry and intact when received? _____ (YES) NO
4. Were custody papers filled out properly (ink, signed, etc)? _____ (YES) NO
5. Is the project identifiable from custody papers? (If so fill out top of form) (YES) NO
6. Indicate the packing in cooler: (if other, describe)_____

☐ Bubble Wrap ☐ Foam blocks ☐ Bags ☐ None
☐ Cloth material ☒ Cardboard ☐ Styrofoam ☐ Paper towels

7. Temperature documentation: * Notify PM if temperature exceeds 6°C

Type of ice used: ☐ Wet ☐ Blue/Gel ☒ None Temp(°C)_____

☐ Samples Received on ice & cold without a temperature blank

☐ Samples received on ice directly from the field. Cooling process had begun

8. Were Method 5035 sampling containers present? _____ YES (NO)
   If YES, what time were they transferred to freezer?_____
9. Did all bottles arrive unbroken/unopened? _____ (YES) NO
10. Are samples in the appropriate containers for indicated tests? _____ (YES) NO
11. Are sample labels present, in good condition and complete? _____ (YES) NO
12. Do the sample labels agree with custody papers? _____ (YES) NO
13. Was sufficient amount of sample sent for tests requested? _____ (YES) NO
14. Are the samples appropriately preserved? _____ YES NO (N/A)
15. Did you check preservatives for all bottles for each sample? _____ YES NO (N/A)
16. Did you document your preservative check? _____ YES NO (N/A)
17. Did you change the hold time in LIMS for unpreserved VOAs? _____ YES NO (N/A)
18. Are bubbles > 6mm absent in VOA samples? _____ YES NO (N/A)
19. Was the client contacted concerning this sample delivery? _____ YES (NO)
   If YES, Who was called?_____ By_____ Date:_____

COMMENTS

_____
_____
_____
_____
_____
_____

Rev 8, 6/11

Curtis & Tompkins, Ltd.

Volatile Organics in Air

Lab #:	228783	Location:	Westlake & Southgate Dry Cleaners
Client:	Treadwell & Rollo	Prep:	METHOD
Project#:	730487803	Analysis:	EPA TO-15
Field ID:	TR-5	Diln Fac:	2.140
Lab ID:	228783-001	Batch#:	176101
Matrix:	Air	Sampled:	06/14/11
Units (V):	ppbv	Received:	06/16/11
Units (M):	ug/m3	Analyzed:	06/22/11

Analyte	Result (V)	RL	Result (M)	RL
Propylene	ND	1.1	ND	1.8
Freon 12	ND	1.1	ND	5.3
Freon 114	ND	1.1	ND	7.5
Chloromethane	ND	1.1	ND	2.2
Vinyl Chloride	ND	1.1	ND	2.7
1,3-Butadiene	ND	1.1	ND	2.4
Bromomethane	ND	1.1	ND	4.2
Chloroethane	ND	1.1	ND	2.8
Trichlorofluoromethane	ND	1.1	ND	6.0
1,1-Dichloroethene	ND	1.1	ND	4.2
Freon 113	ND	1.1	ND	8.2
Acetone	62	4.3	150	10
Carbon Disulfide	ND	1.1	ND	3.3
Methylene Chloride	ND	1.1	ND	3.7
trans-1,2-Dichloroethene	ND	1.1	ND	4.2
MTBE	ND	1.1	ND	3.9
n-Hexane	ND	1.1	ND	3.8
1,1-Dichloroethane	ND	1.1	ND	4.3
Vinyl Acetate	ND	1.1	ND	3.8
cis-1,2-Dichloroethene	ND	1.1	ND	4.2
2-Butanone	13	1.1	37	3.2
Ethyl Acetate	ND	1.1	ND	3.9
Tetrahydrofuran	ND	1.1	ND	3.2
Chloroform	ND	1.1	ND	5.2
1,1,1-Trichloroethane	ND	1.1	ND	5.8
Cyclohexane	ND	1.1	ND	3.7
Carbon Tetrachloride	ND	1.1	ND	6.7
Benzene	ND	1.1	ND	3.4
1,2-Dichloroethane	ND	1.1	ND	4.3
n-Heptane	ND	1.1	ND	4.4
Trichloroethene	ND	1.1	ND	5.7
1,2-Dichloropropane	ND	1.1	ND	4.9
Bromodichloromethane	ND	1.1	ND	7.2
cis-1,3-Dichloropropene	ND	1.1	ND	4.9
4-Methyl-2-Pentanone	2.0	1.1	8.4	4.4

ND= Not Detected
RL= Reporting Limit
Result M= Result in mass units
Result V= Result in volume units

Curtis & Tompkins, Ltd.

Volatile Organics in Air

Lab #:	228783	Location:	Westlake & Southgate Dry Cleaners
Client:	Treadwell & Rollo	Prep:	METHOD
Project#:	730487803	Analysis:	EPA TO-15
Field ID:	TR-5	Diln Fac:	2.140
Lab ID:	228783-001	Batch#:	176101
Matrix:	Air	Sampled:	06/14/11
Units (V):	ppbv	Received:	06/16/11
Units (M):	ug/m3	Analyzed:	06/22/11

Analyte	Result (V)	RL	Result (M)	RL
Toluene	5.5	1.1	21	4.0
trans-1,3-Dichloropropene	ND	1.1	ND	4.9
1,1,2-Trichloroethane	ND	1.1	ND	5.8
Tetrachloroethene	14	1.1	94	7.3
2-Hexanone	ND	1.1	ND	4.4
Dibromochloromethane	ND	1.1	ND	9.1
1,2-Dibromoethane	ND	1.1	ND	8.2
Chlorobenzene	ND	1.1	ND	4.9
Ethylbenzene	1.1	1.1	4.8	4.6
m,p-Xylenes	2.7	1.1	12	4.6
o-Xylene	ND	1.1	ND	4.6
Styrene	ND	1.1	ND	4.6
Bromoform	ND	1.1	ND	11
1,1,2,2-Tetrachloroethane	ND	1.1	ND	7.3
4-Ethyltoluene	ND	1.1	ND	5.3
1,3,5-Trimethylbenzene	ND	1.1	ND	5.3
1,2,4-Trimethylbenzene	ND	1.1	ND	5.3
1,3-Dichlorobenzene	ND	1.1	ND	6.4
1,4-Dichlorobenzene	ND	1.1	ND	6.4
Benzyl chloride	ND	1.1	ND	5.5
1,2-Dichlorobenzene	3.4	1.1	21	6.4
1,2,4-Trichlorobenzene	ND	1.1	ND	7.9
Hexachlorobutadiene	ND	1.1	ND	11

Surrogate	%REC	Limits
Bromofluorobenzene	89	74-136

ND= Not Detected
RL= Reporting Limit
Result M= Result in mass units
Result V= Result in volume units

Curtis & Tompkins, Ltd.

Volatile Organics in Air

Lab #:	228783	Location:	Westlake & Southgate Dry Cleaners
Client:	Treadwell & Rollo	Prep:	METHOD
Project#:	730487803	Analysis:	EPA TO-15
Field ID:	TR-6	Diln Fac:	1.860
Lab ID:	228783-002	Batch#:	176101
Matrix:	Air	Sampled:	06/14/11
Units (V):	ppbv	Received:	06/16/11
Units (M):	ug/m3	Analyzed:	06/22/11

Analyte	Result (V)	RL	Result (M)	RL
Propylene	ND	0.93	ND	1.6
Freon 12	ND	0.93	ND	4.6
Freon 114	ND	0.93	ND	6.5
Chloromethane	ND	0.93	ND	1.9
Vinyl Chloride	ND	0.93	ND	2.4
1,3-Butadiene	ND	0.93	ND	2.1
Bromomethane	ND	0.93	ND	3.6
Chloroethane	ND	0.93	ND	2.5
Trichlorofluoromethane	ND	0.93	ND	5.2
1,1-Dichloroethene	ND	0.93	ND	3.7
Freon 113	ND	0.93	ND	7.1
Acetone	10	3.7	24	8.8
Carbon Disulfide	7.2	0.93	22	2.9
Methylene Chloride	ND	0.93	ND	3.2
trans-1,2-Dichloroethene	ND	0.93	ND	3.7
MTBE	ND	0.93	ND	3.4
n-Hexane	ND	0.93	ND	3.3
1,1-Dichloroethane	ND	0.93	ND	3.8
Vinyl Acetate	ND	0.93	ND	3.3
cis-1,2-Dichloroethene	ND	0.93	ND	3.7
2-Butanone	2.1	0.93	6.2	2.7
Ethyl Acetate	ND	0.93	ND	3.4
Tetrahydrofuran	ND	0.93	ND	2.7
Chloroform	ND	0.93	ND	4.5
1,1,1-Trichloroethane	ND	0.93	ND	5.1
Cyclohexane	ND	0.93	ND	3.2
Carbon Tetrachloride	ND	0.93	ND	5.9
Benzene	ND	0.93	ND	3.0
1,2-Dichloroethane	ND	0.93	ND	3.8
n-Heptane	ND	0.93	ND	3.8
Trichloroethene	ND	0.93	ND	5.0
1,2-Dichloropropane	ND	0.93	ND	4.3
Bromodichloromethane	ND	0.93	ND	6.2
cis-1,3-Dichloropropene	ND	0.93	ND	4.2
4-Methyl-2-Pentanone	ND	0.93	ND	3.8

ND= Not Detected
RL= Reporting Limit
Result M= Result in mass units
Result V= Result in volume units

Curtis & Tompkins, Ltd.

Volatile Organics in Air

Lab #:	228783	Location:	Westlake & Southgate Dry Cleaners
Client:	Treadwell & Rollo	Prep:	METHOD
Project#:	730487803	Analysis:	EPA TO-15
Field ID:	TR-6	Diln Fac:	1.860
Lab ID:	228783-002	Batch#:	176101
Matrix:	Air	Sampled:	06/14/11
Units (V):	ppbv	Received:	06/16/11
Units (M):	ug/m3	Analyzed:	06/22/11

Analyte	Result (V)	RL	Result (M)	RL
Toluene	3.0	0.93	11	3.5
trans-1,3-Dichloropropene	ND	0.93	ND	4.2
1,1,2-Trichloroethane	ND	0.93	ND	5.1
Tetrachloroethene	130	0.93	890	6.3
2-Hexanone	ND	0.93	ND	3.8
Dibromochloromethane	ND	0.93	ND	7.9
1,2-Dibromoethane	ND	0.93	ND	7.1
Chlorobenzene	ND	0.93	ND	4.3
Ethylbenzene	ND	0.93	ND	4.0
m,p-Xylenes	2.1	0.93	9.2	4.0
o-Xylene	ND	0.93	ND	4.0
Styrene	ND	0.93	ND	4.0
Bromoform	ND	0.93	ND	9.6
1,1,2,2-Tetrachloroethane	ND	0.93	ND	6.4
4-Ethyltoluene	ND	0.93	ND	4.6
1,3,5-Trimethylbenzene	ND	0.93	ND	4.6
1,2,4-Trimethylbenzene	ND	0.93	ND	4.6
1,3-Dichlorobenzene	ND	0.93	ND	5.6
1,4-Dichlorobenzene	ND	0.93	ND	5.6
Benzyl chloride	ND	0.93	ND	4.8
1,2-Dichlorobenzene	ND	0.93	ND	5.6
1,2,4-Trichlorobenzene	ND	0.93	ND	6.9
Hexachlorobutadiene	ND	0.93	ND	9.9

Surrogate	%REC	Limits
Bromofluorobenzene	89	74-136

ND= Not Detected
RL= Reporting Limit
Result M= Result in mass units
Result V= Result in volume units

Curtis & Tompkins, Ltd.

Volatile Organics in Air

Lab #:	228783	Location:	Westlake & Southgate Dry Cleaners
Client:	Treadwell & Rollo	Prep:	METHOD
Project#:	730487803	Analysis:	EPA TO-15
Field ID:	TR-8	Diln Fac:	23.28
Lab ID:	228783-003	Batch#:	176101
Matrix:	Air	Sampled:	06/14/11
Units (V):	ppbv	Received:	06/16/11
Units (M):	ug/m3	Analyzed:	06/23/11

Analyte	Result (V)	RL	Result (M)	RL
Propylene	ND	12	ND	20
Freon 12	ND	12	ND	58
Freon 114	ND	12	ND	81
Chloromethane	ND	12	ND	24
Vinyl Chloride	ND	12	ND	30
1,3-Butadiene	ND	12	ND	26
Bromomethane	ND	12	ND	45
Chloroethane	ND	12	ND	31
Trichlorofluoromethane	ND	12	ND	65
1,1-Dichloroethene	ND	12	ND	46
Freon 113	ND	12	ND	89
Acetone	ND	47	ND	110
Carbon Disulfide	ND	12	ND	36
Methylene Chloride	ND	12	ND	40
trans-1,2-Dichloroethene	ND	12	ND	46
MTBE	ND	12	ND	42
n-Hexane	ND	12	ND	41
1,1-Dichloroethane	ND	12	ND	47
Vinyl Acetate	ND	12	ND	41
cis-1,2-Dichloroethene	ND	12	ND	46
2-Butanone	ND	12	ND	34
Ethyl Acetate	ND	12	ND	42
Tetrahydrofuran	ND	12	ND	34
Chloroform	ND	12	ND	57
1,1,1-Trichloroethane	ND	12	ND	64
Cyclohexane	ND	12	ND	40
Carbon Tetrachloride	ND	12	ND	73
Benzene	ND	12	ND	37
1,2-Dichloroethane	ND	12	ND	47
n-Heptane	ND	12	ND	48
Trichloroethene	ND	12	ND	63
1,2-Dichloropropane	ND	12	ND	54
Bromodichloromethane	ND	12	ND	78
cis-1,3-Dichloropropene	ND	12	ND	53
4-Methyl-2-Pentanone	ND	12	ND	48

ND= Not Detected
RL= Reporting Limit
Result M= Result in mass units
Result V= Result in volume units

Curtis & Tompkins, Ltd.

Volatile Organics in Air

Lab #:	228783	Location:	Westlake & Southgate Dry Cleaners
Client:	Treadwell & Rollo	Prep:	METHOD
Project#:	730487803	Analysis:	EPA TO-15
Field ID:	TR-8	Diln Fac:	23.28
Lab ID:	228783-003	Batch#:	176101
Matrix:	Air	Sampled:	06/14/11
Units (V):	ppbv	Received:	06/16/11
Units (M):	ug/m3	Analyzed:	06/23/11

Analyte	Result (V)	RL	Result (M)	RL
Toluene	ND	12	ND	44
trans-1,3-Dichloropropene	ND	12	ND	53
1,1,2-Trichloroethane	ND	12	ND	64
Tetrachloroethene	1,100	12	7,100	79
2-Hexanone	ND	12	ND	48
Dibromochloromethane	ND	12	ND	99
1,2-Dibromoethane	ND	12	ND	89
Chlorobenzene	ND	12	ND	54
Ethylbenzene	ND	12	ND	51
m,p-Xylenes	ND	12	ND	51
o-Xylene	ND	12	ND	51
Styrene	ND	12	ND	50
Bromoform	ND	12	ND	120
1,1,2,2-Tetrachloroethane	ND	12	ND	80
4-Ethyltoluene	ND	12	ND	57
1,3,5-Trimethylbenzene	ND	12	ND	57
1,2,4-Trimethylbenzene	ND	12	ND	57
1,3-Dichlorobenzene	ND	12	ND	70
1,4-Dichlorobenzene	ND	12	ND	70
Benzyl chloride	ND	12	ND	60
1,2-Dichlorobenzene	ND	12	ND	70
1,2,4-Trichlorobenzene	ND	12	ND	86
Hexachlorobutadiene	ND	12	ND	120

Surrogate	%REC	Limits
Bromofluorobenzene	87	74-136

ND= Not Detected
RL= Reporting Limit
Result M= Result in mass units
Result V= Result in volume units

Curtis & Tompkins, Ltd.

Volatile Organics in Air

Lab #:	228783	Location:	Westlake & Southgate Dry Cleaners
Client:	Treadwell & Rollo	Prep:	METHOD
Project#:	730487803	Analysis:	EPA TO-15
Field ID:	TR-9	Diln Fac:	1.820
Lab ID:	228783-004	Batch#:	176101
Matrix:	Air	Sampled:	06/14/11
Units (V):	ppbv	Received:	06/16/11
Units (M):	ug/m3	Analyzed:	06/22/11

Analyte	Result (V)	RL	Result (M)	RL
Propylene	ND	0.91	ND	1.6
Freon 12	ND	0.91	ND	4.5
Freon 114	ND	0.91	ND	6.4
Chloromethane	ND	0.91	ND	1.9
Vinyl Chloride	ND	0.91	ND	2.3
1,3-Butadiene	ND	0.91	ND	2.0
Bromomethane	ND	0.91	ND	3.5
Chloroethane	ND	0.91	ND	2.4
Trichlorofluoromethane	ND	0.91	ND	5.1
1,1-Dichloroethene	ND	0.91	ND	3.6
Freon 113	ND	0.91	ND	7.0
Acetone	8.3	3.6	20	8.6
Carbon Disulfide	0.94	0.91	2.9	2.8
Methylene Chloride	ND	0.91	ND	3.2
trans-1,2-Dichloroethene	ND	0.91	ND	3.6
MTBE	ND	0.91	ND	3.3
n-Hexane	ND	0.91	ND	3.2
1,1-Dichloroethane	ND	0.91	ND	3.7
Vinyl Acetate	ND	0.91	ND	3.2
cis-1,2-Dichloroethene	ND	0.91	ND	3.6
2-Butanone	1.6	0.91	4.8	2.7
Ethyl Acetate	ND	0.91	ND	3.3
Tetrahydrofuran	ND	0.91	ND	2.7
Chloroform	ND	0.91	ND	4.4
1,1,1-Trichloroethane	ND	0.91	ND	5.0
Cyclohexane	ND	0.91	ND	3.1
Carbon Tetrachloride	ND	0.91	ND	5.7
Benzene	ND	0.91	ND	2.9
1,2-Dichloroethane	ND	0.91	ND	3.7
n-Heptane	ND	0.91	ND	3.7
Trichloroethene	ND	0.91	ND	4.9
1,2-Dichloropropane	ND	0.91	ND	4.2
Bromodichloromethane	ND	0.91	ND	6.1
cis-1,3-Dichloropropene	ND	0.91	ND	4.1
4-Methyl-2-Pentanone	ND	0.91	ND	3.7

ND= Not Detected
RL= Reporting Limit
Result M= Result in mass units
Result V= Result in volume units

Curtis & Tompkins, Ltd.

Volatile Organics in Air

Lab #:	228783	Location:	Westlake & Southgate Dry Cleaners
Client:	Treadwell & Rollo	Prep:	METHOD
Project#:	730487803	Analysis:	EPA TO-15
Field ID:	TR-9	Diln Fac:	1.820
Lab ID:	228783-004	Batch#:	176101
Matrix:	Air	Sampled:	06/14/11
Units (V):	ppbv	Received:	06/16/11
Units (M):	ug/m3	Analyzed:	06/22/11

Analyte	Result (V)	RL	Result (M)	RL
Toluene	1.6	0.91	6.1	3.4
trans-1,3-Dichloropropene	ND	0.91	ND	4.1
1,1,2-Trichloroethane	ND	0.91	ND	5.0
Tetrachloroethene	3.7	0.91	25	6.2
2-Hexanone	ND	0.91	ND	3.7
Dibromochloromethane	ND	0.91	ND	7.8
1,2-Dibromoethane	ND	0.91	ND	7.0
Chlorobenzene	ND	0.91	ND	4.2
Ethylbenzene	ND	0.91	ND	4.0
m,p-Xylenes	1.2	0.91	5.3	4.0
o-Xylene	ND	0.91	ND	4.0
Styrene	ND	0.91	ND	3.9
Bromoform	ND	0.91	ND	9.4
1,1,2,2-Tetrachloroethane	ND	0.91	ND	6.2
4-Ethyltoluene	ND	0.91	ND	4.5
1,3,5-Trimethylbenzene	ND	0.91	ND	4.5
1,2,4-Trimethylbenzene	ND	0.91	ND	4.5
1,3-Dichlorobenzene	ND	0.91	ND	5.5
1,4-Dichlorobenzene	ND	0.91	ND	5.5
Benzyl chloride	ND	0.91	ND	4.7
1,2-Dichlorobenzene	0.94	0.91	5.6	5.5
1,2,4-Trichlorobenzene	ND	0.91	ND	6.8
Hexachlorobutadiene	ND	0.91	ND	9.7

Surrogate	%REC	Limits
Bromofluorobenzene	90	74-136

ND= Not Detected
RL= Reporting Limit
Result M= Result in mass units
Result V= Result in volume units

Curtis & Tompkins, Ltd.

Volatile Organics in Air

Lab #:	228783	Location:	Westlake & Southgate Dry Cleaners
Client:	Treadwell & Rollo	Prep:	METHOD
Project#:	730487803	Analysis:	EPA TO-15
Field ID:	TR-10(DUP)	Diln Fac:	1.890
Lab ID:	228783-005	Batch#:	176101
Matrix:	Air	Sampled:	06/14/11
Units (V):	ppbv	Received:	06/16/11
Units (M):	ug/m3	Analyzed:	06/22/11

Analyte	Result (V)	RL	Result (M)	RL
Propylene	ND	0.95	ND	1.6
Freon 12	ND	0.95	ND	4.7
Freon 114	ND	0.95	ND	6.6
Chloromethane	ND	0.95	ND	2.0
Vinyl Chloride	ND	0.95	ND	2.4
1,3-Butadiene	ND	0.95	ND	2.1
Bromomethane	ND	0.95	ND	3.7
Chloroethane	ND	0.95	ND	2.5
Trichlorofluoromethane	ND	0.95	ND	5.3
1,1-Dichloroethene	ND	0.95	ND	3.7
Freon 113	ND	0.95	ND	7.2
Acetone	6.2	3.8	15	9.0
Carbon Disulfide	ND	0.95	ND	2.9
Methylene Chloride	ND	0.95	ND	3.3
trans-1,2-Dichloroethene	ND	0.95	ND	3.7
MTBE	ND	0.95	ND	3.4
n-Hexane	ND	0.95	ND	3.3
1,1-Dichloroethane	ND	0.95	ND	3.8
Vinyl Acetate	ND	0.95	ND	3.3
cis-1,2-Dichloroethene	ND	0.95	ND	3.7
2-Butanone	1.9	0.95	5.7	2.8
Ethyl Acetate	ND	0.95	ND	3.4
Tetrahydrofuran	ND	0.95	ND	2.8
Chloroform	ND	0.95	ND	4.6
1,1,1-Trichloroethane	ND	0.95	ND	5.2
Cyclohexane	ND	0.95	ND	3.3
Carbon Tetrachloride	ND	0.95	ND	5.9
Benzene	ND	0.95	ND	3.0
1,2-Dichloroethane	ND	0.95	ND	3.8
n-Heptane	ND	0.95	ND	3.9
Trichloroethene	ND	0.95	ND	5.1
1,2-Dichloropropane	ND	0.95	ND	4.4
Bromodichloromethane	ND	0.95	ND	6.3
cis-1,3-Dichloropropene	ND	0.95	ND	4.3
4-Methyl-2-Pentanone	ND	0.95	ND	3.9

ND= Not Detected
RL= Reporting Limit
Result M= Result in mass units
Result V= Result in volume units

Curtis & Tompkins, Ltd.

Volatile Organics in Air

Lab #:	228783	Location:	Westlake & Southgate Dry Cleaners
Client:	Treadwell & Rollo	Prep:	METHOD
Project#:	730487803	Analysis:	EPA TO-15
Field ID:	TR-10(DUP)	Diln Fac:	1.890
Lab ID:	228783-005	Batch#:	176101
Matrix:	Air	Sampled:	06/14/11
Units (V):	ppbv	Received:	06/16/11
Units (M):	ug/m3	Analyzed:	06/22/11

Analyte	Result (V)	RL	Result (M)	RL
Toluene	ND	0.95	ND	3.6
trans-1,3-Dichloropropene	ND	0.95	ND	4.3
1,1,2-Trichloroethane	ND	0.95	ND	5.2
Tetrachloroethene	100	0.95	680	6.4
2-Hexanone	ND	0.95	ND	3.9
Dibromochloromethane	ND	0.95	ND	8.1
1,2-Dibromoethane	ND	0.95	ND	7.3
Chlorobenzene	ND	0.95	ND	4.4
Ethylbenzene	ND	0.95	ND	4.1
m,p-Xylenes	ND	0.95	ND	4.1
o-Xylene	ND	0.95	ND	4.1
Styrene	ND	0.95	ND	4.0
Bromoform	ND	0.95	ND	9.8
1,1,2,2-Tetrachloroethane	ND	0.95	ND	6.5
4-Ethyltoluene	ND	0.95	ND	4.6
1,3,5-Trimethylbenzene	ND	0.95	ND	4.6
1,2,4-Trimethylbenzene	ND	0.95	ND	4.6
1,3-Dichlorobenzene	ND	0.95	ND	5.7
1,4-Dichlorobenzene	ND	0.95	ND	5.7
Benzyl chloride	ND	0.95	ND	4.9
1,2-Dichlorobenzene	1.2	0.95	7.2	5.7
1,2,4-Trichlorobenzene	ND	0.95	ND	7.0
Hexachlorobutadiene	ND	0.95	ND	10

Surrogate	%REC	Limits
Bromofluorobenzene	88	74-136

ND= Not Detected
RL= Reporting Limit
Result M= Result in mass units
Result V= Result in volume units

Curtis & Tompkins, Ltd.

Volatile Organics in Air

Lab #:	228783	Location:	Westlake & Southgate Dry Cleaners
Client:	Treadwell & Rollo	Prep:	METHOD
Project#:	730487803	Analysis:	EPA TO-15
Field ID:	TR-10	Diln Fac:	1.910
Lab ID:	228783-006	Batch#:	176101
Matrix:	Air	Sampled:	06/14/11
Units (V):	ppbv	Received:	06/16/11
Units (M):	ug/m3	Analyzed:	06/22/11

Analyte	Result (V)	RL	Result (M)	RL
Propylene	ND	0.96	ND	1.6
Freon 12	ND	0.96	ND	4.7
Freon 114	ND	0.96	ND	6.7
Chloromethane	ND	0.96	ND	2.0
Vinyl Chloride	ND	0.96	ND	2.4
1,3-Butadiene	ND	0.96	ND	2.1
Bromomethane	ND	0.96	ND	3.7
Chloroethane	ND	0.96	ND	2.5
Trichlorofluoromethane	ND	0.96	ND	5.4
1,1-Dichloroethene	ND	0.96	ND	3.8
Freon 113	ND	0.96	ND	7.3
Acetone	13	3.8	30	9.1
Carbon Disulfide	1.4	0.96	4.4	3.0
Methylene Chloride	ND	0.96	ND	3.3
trans-1,2-Dichloroethene	ND	0.96	ND	3.8
MTBE	ND	0.96	ND	3.4
n-Hexane	ND	0.96	ND	3.4
1,1-Dichloroethane	ND	0.96	ND	3.9
Vinyl Acetate	ND	0.96	ND	3.4
cis-1,2-Dichloroethene	ND	0.96	ND	3.8
2-Butanone	3.6	0.96	11	2.8
Ethyl Acetate	ND	0.96	ND	3.4
Tetrahydrofuran	ND	0.96	ND	2.8
Chloroform	ND	0.96	ND	4.7
1,1,1-Trichloroethane	ND	0.96	ND	5.2
Cyclohexane	ND	0.96	ND	3.3
Carbon Tetrachloride	ND	0.96	ND	6.0
Benzene	ND	0.96	ND	3.1
1,2-Dichloroethane	ND	0.96	ND	3.9
n-Heptane	ND	0.96	ND	3.9
Trichloroethene	ND	0.96	ND	5.1
1,2-Dichloropropane	ND	0.96	ND	4.4
Bromodichloromethane	ND	0.96	ND	6.4
cis-1,3-Dichloropropene	ND	0.96	ND	4.3
4-Methyl-2-Pentanone	ND	0.96	ND	3.9

ND= Not Detected
RL= Reporting Limit
Result M= Result in mass units
Result V= Result in volume units

Curtis & Tompkins, Ltd.

Volatile Organics in Air

Lab #:	228783	Location:	Westlake & Southgate Dry Cleaners
Client:	Treadwell & Rollo	Prep:	METHOD
Project#:	730487803	Analysis:	EPA TO-15
Field ID:	TR-10	Diln Fac:	1.910
Lab ID:	228783-006	Batch#:	176101
Matrix:	Air	Sampled:	06/14/11
Units (V):	ppbv	Received:	06/16/11
Units (M):	ug/m3	Analyzed:	06/22/11

Analyte	Result (V)	RL	Result (M)	RL
Toluene	2.2	0.96	8.4	3.6
trans-1,3-Dichloropropene	ND	0.96	ND	4.3
1,1,2-Trichloroethane	ND	0.96	ND	5.2
Tetrachloroethene	94	0.96	640	6.5
2-Hexanone	ND	0.96	ND	3.9
Dibromochloromethane	ND	0.96	ND	8.1
1,2-Dibromoethane	ND	0.96	ND	7.3
Chlorobenzene	ND	0.96	ND	4.4
Ethylbenzene	ND	0.96	ND	4.1
m,p-Xylenes	1.6	0.96	7.1	4.1
o-Xylene	ND	0.96	ND	4.1
Styrene	ND	0.96	ND	4.1
Bromoform	ND	0.96	ND	9.9
1,1,2,2-Tetrachloroethane	ND	0.96	ND	6.6
4-Ethyltoluene	ND	0.96	ND	4.7
1,3,5-Trimethylbenzene	ND	0.96	ND	4.7
1,2,4-Trimethylbenzene	ND	0.96	ND	4.7
1,3-Dichlorobenzene	ND	0.96	ND	5.7
1,4-Dichlorobenzene	ND	0.96	ND	5.7
Benzyl chloride	ND	0.96	ND	4.9
1,2-Dichlorobenzene	1.4	0.96	8.3	5.7
1,2,4-Trichlorobenzene	ND	0.96	ND	7.1
Hexachlorobutadiene	ND	0.96	ND	10

Surrogate	%REC	Limits
Bromofluorobenzene	96	74-136

ND= Not Detected
RL= Reporting Limit
Result M= Result in mass units
Result V= Result in volume units

Curtis & Tompkins, Ltd.

Volatile Organics in Air

Lab #:	228783	Location:	Westlake & Southgate Dry Cleaners
Client:	Treadwell & Rollo	Prep:	METHOD
Project#:	730487803	Analysis:	EPA TO-15
Field ID:	SG-4	Diln Fac:	1.740
Lab ID:	228783-007	Batch#:	176101
Matrix:	Air	Sampled:	06/16/11
Units (V):	ppbv	Received:	06/16/11
Units (M):	ug/m3	Analyzed:	06/23/11

Analyte	Result (V)	RL	Result (M)	RL
Propylene	ND	0.87	ND	1.5
Freon 12	ND	0.87	ND	4.3
Freon 114	ND	0.87	ND	6.1
Chloromethane	ND	0.87	ND	1.8
Vinyl Chloride	ND	0.87	ND	2.2
1,3-Butadiene	ND	0.87	ND	1.9
Bromomethane	ND	0.87	ND	3.4
Chloroethane	ND	0.87	ND	2.3
Trichlorofluoromethane	ND	0.87	ND	4.9
1,1-Dichloroethene	ND	0.87	ND	3.4
Freon 113	ND	0.87	ND	6.7
Acetone	6.1	3.5	15	8.3
Carbon Disulfide	1.7	0.87	5.4	2.7
Methylene Chloride	ND	0.87	ND	3.0
trans-1,2-Dichloroethene	ND	0.87	ND	3.4
MTBE	ND	0.87	ND	3.1
n-Hexane	ND	0.87	ND	3.1
1,1-Dichloroethane	ND	0.87	ND	3.5
Vinyl Acetate	ND	0.87	ND	3.1
cis-1,2-Dichloroethene	ND	0.87	ND	3.4
2-Butanone	1.1	0.87	3.2	2.6
Ethyl Acetate	ND	0.87	ND	3.1
Tetrahydrofuran	ND	0.87	ND	2.6
Chloroform	ND	0.87	ND	4.2
1,1,1-Trichloroethane	ND	0.87	ND	4.7
Cyclohexane	ND	0.87	ND	3.0
Carbon Tetrachloride	ND	0.87	ND	5.5
Benzene	ND	0.87	ND	2.8
1,2-Dichloroethane	ND	0.87	ND	3.5
n-Heptane	ND	0.87	ND	3.6
Trichloroethene	3.1	0.87	17	4.7
1,2-Dichloropropane	ND	0.87	ND	4.0
Bromodichloromethane	ND	0.87	ND	5.8
cis-1,3-Dichloropropene	ND	0.87	ND	3.9
4-Methyl-2-Pentanone	ND	0.87	ND	3.6

ND= Not Detected
RL= Reporting Limit
Result M= Result in mass units
Result V= Result in volume units

Curtis & Tompkins, Ltd.

Volatile Organics in Air

Lab #:	228783	Location:	Westlake & Southgate Dry Cleaners
Client:	Treadwell & Rollo	Prep:	METHOD
Project#:	730487803	Analysis:	EPA TO-15
Field ID:	SG-4	Diln Fac:	1.740
Lab ID:	228783-007	Batch#:	176101
Matrix:	Air	Sampled:	06/16/11
Units (V):	ppbv	Received:	06/16/11
Units (M):	ug/m3	Analyzed:	06/23/11

Analyte	Result (V)	RL	Result (M)	RL
Toluene	ND	0.87	ND	3.3
trans-1,3-Dichloropropene	ND	0.87	ND	3.9
1,1,2-Trichloroethane	ND	0.87	ND	4.7
Tetrachloroethene	65	0.87	440	5.9
2-Hexanone	ND	0.87	ND	3.6
Dibromochloromethane	ND	0.87	ND	7.4
1,2-Dibromoethane	ND	0.87	ND	6.7
Chlorobenzene	ND	0.87	ND	4.0
Ethylbenzene	ND	0.87	ND	3.8
m,p-Xylenes	ND	0.87	ND	3.8
o-Xylene	ND	0.87	ND	3.8
Styrene	ND	0.87	ND	3.7
Bromoform	ND	0.87	ND	9.0
1,1,2,2-Tetrachloroethane	ND	0.87	ND	6.0
4-Ethyltoluene	ND	0.87	ND	4.3
1,3,5-Trimethylbenzene	ND	0.87	ND	4.3
1,2,4-Trimethylbenzene	ND	0.87	ND	4.3
1,3-Dichlorobenzene	ND	0.87	ND	5.2
1,4-Dichlorobenzene	ND	0.87	ND	5.2
Benzyl chloride	ND	0.87	ND	4.5
1,2-Dichlorobenzene	ND	0.87	ND	5.2
1,2,4-Trichlorobenzene	ND	0.87	ND	6.5
Hexachlorobutadiene	ND	0.87	ND	9.3

Surrogate	%REC	Limits
Bromofluorobenzene	91	74-136

ND= Not Detected
RL= Reporting Limit
Result M= Result in mass units
Result V= Result in volume units

Curtis & Tompkins, Ltd.

Volatile Organics in Air

Lab #:	228783	Location:	Westlake & Southgate Dry Cleaners
Client:	Treadwell & Rollo	Prep:	METHOD
Project#:	730487803	Analysis:	EPA TO-15
Field ID:	SG-5	Diln Fac:	1.800
Lab ID:	228783-008	Batch#:	176101
Matrix:	Air	Sampled:	06/16/11
Units (V):	ppbv	Received:	06/16/11
Units (M):	ug/m3	Analyzed:	06/23/11

Analyte	Result (V)	RL	Result (M)	RL
Propylene	ND	0.90	ND	1.5
Freon 12	ND	0.90	ND	4.5
Freon 114	ND	0.90	ND	6.3
Chloromethane	ND	0.90	ND	1.9
Vinyl Chloride	ND	0.90	ND	2.3
1,3-Butadiene	ND	0.90	ND	2.0
Bromomethane	ND	0.90	ND	3.5
Chloroethane	ND	0.90	ND	2.4
Trichlorofluoromethane	ND	0.90	ND	5.1
1,1-Dichloroethene	ND	0.90	ND	3.6
Freon 113	ND	0.90	ND	6.9
Acetone	7.1	3.6	17	8.6
Carbon Disulfide	ND	0.90	ND	2.8
Methylene Chloride	ND	0.90	ND	3.1
trans-1,2-Dichloroethene	ND	0.90	ND	3.6
MTBE	ND	0.90	ND	3.2
n-Hexane	ND	0.90	ND	3.2
1,1-Dichloroethane	ND	0.90	ND	3.6
Vinyl Acetate	ND	0.90	ND	3.2
cis-1,2-Dichloroethene	ND	0.90	ND	3.6
2-Butanone	0.99	0.90	2.9	2.7
Ethyl Acetate	ND	0.90	ND	3.2
Tetrahydrofuran	ND	0.90	ND	2.7
Chloroform	ND	0.90	ND	4.4
1,1,1-Trichloroethane	ND	0.90	ND	4.9
Cyclohexane	ND	0.90	ND	3.1
Carbon Tetrachloride	ND	0.90	ND	5.7
Benzene	ND	0.90	ND	2.9
1,2-Dichloroethane	ND	0.90	ND	3.6
n-Heptane	ND	0.90	ND	3.7
Trichloroethene	ND	0.90	ND	4.8
1,2-Dichloropropane	ND	0.90	ND	4.2
Bromodichloromethane	ND	0.90	ND	6.0
cis-1,3-Dichloropropene	ND	0.90	ND	4.1
4-Methyl-2-Pentanone	ND	0.90	ND	3.7

ND= Not Detected
RL= Reporting Limit
Result M= Result in mass units
Result V= Result in volume units

Curtis & Tompkins, Ltd.

Volatile Organics in Air

Lab #:	228783	Location:	Westlake & Southgate Dry Cleaners
Client:	Treadwell & Rollo	Prep:	METHOD
Project#:	730487803	Analysis:	EPA TO-15
Field ID:	SG-5	Diln Fac:	1.800
Lab ID:	228783-008	Batch#:	176101
Matrix:	Air	Sampled:	06/16/11
Units (V):	ppbv	Received:	06/16/11
Units (M):	ug/m3	Analyzed:	06/23/11

Analyte	Result (V)	RL	Result (M)	RL
Toluene	ND	0.90	ND	3.4
trans-1,3-Dichloropropene	ND	0.90	ND	4.1
1,1,2-Trichloroethane	ND	0.90	ND	4.9
Tetrachloroethene	23	0.90	160	6.1
2-Hexanone	ND	0.90	ND	3.7
Dibromochloromethane	ND	0.90	ND	7.7
1,2-Dibromoethane	ND	0.90	ND	6.9
Chlorobenzene	ND	0.90	ND	4.1
Ethylbenzene	ND	0.90	ND	3.9
m,p-Xylenes	ND	0.90	ND	3.9
o-Xylene	ND	0.90	ND	3.9
Styrene	ND	0.90	ND	3.8
Bromoform	ND	0.90	ND	9.3
1,1,2,2-Tetrachloroethane	ND	0.90	ND	6.2
4-Ethyltoluene	ND	0.90	ND	4.4
1,3,5-Trimethylbenzene	ND	0.90	ND	4.4
1,2,4-Trimethylbenzene	ND	0.90	ND	4.4
1,3-Dichlorobenzene	ND	0.90	ND	5.4
1,4-Dichlorobenzene	ND	0.90	ND	5.4
Benzyl chloride	ND	0.90	ND	4.7
1,2-Dichlorobenzene	ND	0.90	ND	5.4
1,2,4-Trichlorobenzene	ND	0.90	ND	6.7
Hexachlorobutadiene	ND	0.90	ND	9.6

Surrogate	%REC	Limits
Bromofluorobenzene	97	74-136

ND= Not Detected
RL= Reporting Limit
Result M= Result in mass units
Result V= Result in volume units

Curtis & Tompkins, Ltd.

Volatile Organics in Air

Lab #:	228783	Location:	Westlake & Southgate Dry Cleaners
Client:	Treadwell & Rollo	Prep:	METHOD
Project#:	730487803	Analysis:	EPA TO-15
Field ID:	SG-6	Diln Fac:	21.72
Lab ID:	228783-009	Batch#:	176101
Matrix:	Air	Sampled:	06/16/11
Units (V):	ppbv	Received:	06/16/11
Units (M):	ug/m3	Analyzed:	06/23/11

Analyte	Result (V)	RL	Result (M)	RL
Propylene	ND	11	ND	19
Freon 12	ND	11	ND	54
Freon 114	ND	11	ND	76
Chloromethane	ND	11	ND	22
Vinyl Chloride	ND	11	ND	28
1,3-Butadiene	ND	11	ND	24
Bromomethane	ND	11	ND	42
Chloroethane	ND	11	ND	29
Trichlorofluoromethane	ND	11	ND	61
1,1-Dichloroethene	ND	11	ND	43
Freon 113	ND	11	ND	83
Acetone	ND	43	ND	100
Carbon Disulfide	ND	11	ND	34
Methylene Chloride	ND	11	ND	38
trans-1,2-Dichloroethene	ND	11	ND	43
MTBE	ND	11	ND	39
n-Hexane	ND	11	ND	38
1,1-Dichloroethane	ND	11	ND	44
Vinyl Acetate	ND	11	ND	38
cis-1,2-Dichloroethene	ND	11	ND	43
2-Butanone	ND	11	ND	32
Ethyl Acetate	ND	11	ND	39
Tetrahydrofuran	ND	11	ND	32
Chloroform	ND	11	ND	53
1,1,1-Trichloroethane	ND	11	ND	59
Cyclohexane	ND	11	ND	37
Carbon Tetrachloride	ND	11	ND	68
Benzene	ND	11	ND	35
1,2-Dichloroethane	ND	11	ND	44
n-Heptane	ND	11	ND	45
Trichloroethene	ND	11	ND	58
1,2-Dichloropropane	ND	11	ND	50
Bromodichloromethane	ND	11	ND	73
cis-1,3-Dichloropropene	ND	11	ND	49
4-Methyl-2-Pentanone	ND	11	ND	44

ND= Not Detected
RL= Reporting Limit
Result M= Result in mass units
Result V= Result in volume units

Curtis & Tompkins, Ltd.

Volatile Organics in Air

Lab #:	228783	Location:	Westlake & Southgate Dry Cleaners
Client:	Treadwell & Rollo	Prep:	METHOD
Project#:	730487803	Analysis:	EPA TO-15
Field ID:	SG-6	Diln Fac:	21.72
Lab ID:	228783-009	Batch#:	176101
Matrix:	Air	Sampled:	06/16/11
Units (V):	ppbv	Received:	06/16/11
Units (M):	ug/m3	Analyzed:	06/23/11

Analyte	Result (V)	RL	Result (M)	RL
Toluene	ND	11	ND	41
trans-1,3-Dichloropropene	ND	11	ND	49
1,1,2-Trichloroethane	ND	11	ND	59
Tetrachloroethene	1,200	11	7,900	74
2-Hexanone	ND	11	ND	44
Dibromochloromethane	ND	11	ND	93
1,2-Dibromoethane	ND	11	ND	83
Chlorobenzene	ND	11	ND	50
Ethylbenzene	ND	11	ND	47
m,p-Xylenes	ND	11	ND	47
o-Xylene	ND	11	ND	47
Styrene	ND	11	ND	46
Bromoform	ND	11	ND	110
1,1,2,2-Tetrachloroethane	ND	11	ND	75
4-Ethyltoluene	ND	11	ND	53
1,3,5-Trimethylbenzene	ND	11	ND	53
1,2,4-Trimethylbenzene	ND	11	ND	53
1,3-Dichlorobenzene	ND	11	ND	65
1,4-Dichlorobenzene	ND	11	ND	65
Benzyl chloride	ND	11	ND	56
1,2-Dichlorobenzene	ND	11	ND	65
1,2,4-Trichlorobenzene	ND	11	ND	81
Hexachlorobutadiene	ND	11	ND	120

Surrogate	%REC	Limits
Bromofluorobenzene	90	74-136

ND= Not Detected
RL= Reporting Limit
Result M= Result in mass units
Result V= Result in volume units

Curtis & Tompkins, Ltd.

Volatile Organics in Air

Lab #:	228783	Location:	Westlake & Southgate Dry Cleaners
Client:	Treadwell & Rollo	Prep:	METHOD
Project#:	730487803	Analysis:	EPA TO-15
Field ID:	SG-6(DUP)	Diln Fac:	21.96
Lab ID:	228783-010	Batch#:	176101
Matrix:	Air	Sampled:	06/16/11
Units (V):	ppbv	Received:	06/16/11
Units (M):	ug/m3	Analyzed:	06/23/11

Analyte	Result (V)	RL	Result (M)	RL
Propylene	ND	11	ND	19
Freon 12	ND	11	ND	54
Freon 114	ND	11	ND	77
Chloromethane	ND	11	ND	23
Vinyl Chloride	ND	11	ND	28
1,3-Butadiene	ND	11	ND	24
Bromomethane	ND	11	ND	43
Chloroethane	ND	11	ND	29
Trichlorofluoromethane	ND	11	ND	62
1,1-Dichloroethene	ND	11	ND	44
Freon 113	ND	11	ND	84
Acetone	ND	44	ND	100
Carbon Disulfide	ND	11	ND	34
Methylene Chloride	ND	11	ND	38
trans-1,2-Dichloroethene	ND	11	ND	44
MTBE	ND	11	ND	40
n-Hexane	ND	11	ND	39
1,1-Dichloroethane	ND	11	ND	44
Vinyl Acetate	ND	11	ND	39
cis-1,2-Dichloroethene	ND	11	ND	44
2-Butanone	ND	11	ND	32
Ethyl Acetate	ND	11	ND	40
Tetrahydrofuran	ND	11	ND	32
Chloroform	ND	11	ND	54
1,1,1-Trichloroethane	ND	11	ND	60
Cyclohexane	ND	11	ND	38
Carbon Tetrachloride	ND	11	ND	69
Benzene	ND	11	ND	35
1,2-Dichloroethane	ND	11	ND	44
n-Heptane	ND	11	ND	45
Trichloroethene	ND	11	ND	59
1,2-Dichloropropane	ND	11	ND	51
Bromodichloromethane	ND	11	ND	74
cis-1,3-Dichloropropene	ND	11	ND	50
4-Methyl-2-Pentanone	ND	11	ND	45

ND= Not Detected
RL= Reporting Limit
Result M= Result in mass units
Result V= Result in volume units

Curtis & Tompkins, Ltd.

Volatile Organics in Air

Lab #:	228783	Location:	Westlake & Southgate Dry Cleaners
Client:	Treadwell & Rollo	Prep:	METHOD
Project#:	730487803	Analysis:	EPA TO-15
Field ID:	SG-6(DUP)	Diln Fac:	21.96
Lab ID:	228783-010	Batch#:	176101
Matrix:	Air	Sampled:	06/16/11
Units (V):	ppbv	Received:	06/16/11
Units (M):	ug/m3	Analyzed:	06/23/11

Analyte	Result (V)	RL	Result (M)	RL
Toluene	ND	11	ND	41
trans-1,3-Dichloropropene	ND	11	ND	50
1,1,2-Trichloroethane	ND	11	ND	60
Tetrachloroethene	1,100	11	7,600	74
2-Hexanone	ND	11	ND	45
Dibromochloromethane	ND	11	ND	94
1,2-Dibromoethane	ND	11	ND	84
Chlorobenzene	ND	11	ND	51
Ethylbenzene	ND	11	ND	48
m,p-Xylenes	ND	11	ND	48
o-Xylene	ND	11	ND	48
Styrene	ND	11	ND	47
Bromoform	ND	11	ND	110
1,1,2,2-Tetrachloroethane	ND	11	ND	75
4-Ethyltoluene	ND	11	ND	54
1,3,5-Trimethylbenzene	ND	11	ND	54
1,2,4-Trimethylbenzene	ND	11	ND	54
1,3-Dichlorobenzene	ND	11	ND	66
1,4-Dichlorobenzene	ND	11	ND	66
Benzyl chloride	ND	11	ND	57
1,2-Dichlorobenzene	ND	11	ND	66
1,2,4-Trichlorobenzene	ND	11	ND	81
Hexachlorobutadiene	ND	11	ND	120

Surrogate	%REC	Limits
Bromofluorobenzene	87	74-136

ND= Not Detected
RL= Reporting Limit
Result M= Result in mass units
Result V= Result in volume units

Curtis & Tompkins, Ltd.

Volatile Organics in Air

Lab #:	228783	Location:	Westlake & Southgate Dry Cleaners
Client:	Treadwell & Rollo	Prep:	METHOD
Project#:	730487803	Analysis:	EPA TO-15
Field ID:	SG-8	Diln Fac:	1.790
Lab ID:	228783-011	Batch#:	176101
Matrix:	Air	Sampled:	06/16/11
Units (V):	ppbv	Received:	06/16/11
Units (M):	ug/m3	Analyzed:	06/23/11

Analyte	Result (V)	RL	Result (M)	RL
Propylene	ND	0.90	ND	1.5
Freon 12	ND	0.90	ND	4.4
Freon 114	ND	0.90	ND	6.3
Chloromethane	ND	0.90	ND	1.8
Vinyl Chloride	ND	0.90	ND	2.3
1,3-Butadiene	ND	0.90	ND	2.0
Bromomethane	ND	0.90	ND	3.5
Chloroethane	ND	0.90	ND	2.4
Trichlorofluoromethane	ND	0.90	ND	5.0
1,1-Dichloroethene	ND	0.90	ND	3.5
Freon 113	ND	0.90	ND	6.9
Acetone	ND	3.6	ND	8.5
Carbon Disulfide	ND	0.90	ND	2.8
Methylene Chloride	ND	0.90	ND	3.1
trans-1,2-Dichloroethene	ND	0.90	ND	3.5
MTBE	ND	0.90	ND	3.2
n-Hexane	ND	0.90	ND	3.2
1,1-Dichloroethane	ND	0.90	ND	3.6
Vinyl Acetate	ND	0.90	ND	3.2
cis-1,2-Dichloroethene	ND	0.90	ND	3.5
2-Butanone	ND	0.90	ND	2.6
Ethyl Acetate	ND	0.90	ND	3.2
Tetrahydrofuran	ND	0.90	ND	2.6
Chloroform	ND	0.90	ND	4.4
1,1,1-Trichloroethane	ND	0.90	ND	4.9
Cyclohexane	ND	0.90	ND	3.1
Carbon Tetrachloride	ND	0.90	ND	5.6
Benzene	ND	0.90	ND	2.9
1,2-Dichloroethane	ND	0.90	ND	3.6
n-Heptane	ND	0.90	ND	3.7
Trichloroethene	ND	0.90	ND	4.8
1,2-Dichloropropane	ND	0.90	ND	4.1
Bromodichloromethane	ND	0.90	ND	6.0
cis-1,3-Dichloropropene	ND	0.90	ND	4.1
4-Methyl-2-Pentanone	ND	0.90	ND	3.7

ND= Not Detected
RL= Reporting Limit
Result M= Result in mass units
Result V= Result in volume units

Curtis & Tompkins, Ltd.

Volatile Organics in Air

Lab #:	228783	Location:	Westlake & Southgate Dry Cleaners
Client:	Treadwell & Rollo	Prep:	METHOD
Project#:	730487803	Analysis:	EPA TO-15
Field ID:	SG-8	Diln Fac:	1.790
Lab ID:	228783-011	Batch#:	176101
Matrix:	Air	Sampled:	06/16/11
Units (V):	ppbv	Received:	06/16/11
Units (M):	ug/m3	Analyzed:	06/23/11

Analyte	Result (V)	RL	Result (M)	RL
Toluene	ND	0.90	ND	3.4
trans-1,3-Dichloropropene	ND	0.90	ND	4.1
1,1,2-Trichloroethane	ND	0.90	ND	4.9
Tetrachloroethene	86	0.90	580	6.1
2-Hexanone	ND	0.90	ND	3.7
Dibromochloromethane	ND	0.90	ND	7.6
1,2-Dibromoethane	ND	0.90	ND	6.9
Chlorobenzene	ND	0.90	ND	4.1
Ethylbenzene	ND	0.90	ND	3.9
m,p-Xylenes	ND	0.90	ND	3.9
o-Xylene	ND	0.90	ND	3.9
Styrene	ND	0.90	ND	3.8
Bromoform	ND	0.90	ND	9.3
1,1,2,2-Tetrachloroethane	ND	0.90	ND	6.1
4-Ethyltoluene	0.97	0.90	4.8	4.4
1,3,5-Trimethylbenzene	0.93	0.90	4.6	4.4
1,2,4-Trimethylbenzene	ND	0.90	ND	4.4
1,3-Dichlorobenzene	ND	0.90	ND	5.4
1,4-Dichlorobenzene	ND	0.90	ND	5.4
Benzyl chloride	ND	0.90	ND	4.6
1,2-Dichlorobenzene	ND	0.90	ND	5.4
1,2,4-Trichlorobenzene	ND	0.90	ND	6.6
Hexachlorobutadiene	ND	0.90	ND	9.5

Surrogate	%REC	Limits
Bromofluorobenzene	92	74-136

ND= Not Detected
RL= Reporting Limit
Result M= Result in mass units
Result V= Result in volume units

Curtis & Tompkins, Ltd.

Volatile Organics in Air

Lab #:	228783	Location:	Westlake & Southgate Dry Cleaners
Client:	Treadwell & Rollo	Prep:	METHOD
Project#:	730487803	Analysis:	EPA TO-15
Field ID:	SG-9	Diln Fac:	1.810
Lab ID:	228783-012	Batch#:	176101
Matrix:	Air	Sampled:	06/16/11
Units (V):	ppbv	Received:	06/16/11
Units (M):	ug/m3	Analyzed:	06/23/11

Analyte	Result (V)	RL	Result (M)	RL
Propylene	ND	0.91	ND	1.6
Freon 12	ND	0.91	ND	4.5
Freon 114	ND	0.91	ND	6.3
Chloromethane	ND	0.91	ND	1.9
Vinyl Chloride	ND	0.91	ND	2.3
1,3-Butadiene	ND	0.91	ND	2.0
Bromomethane	ND	0.91	ND	3.5
Chloroethane	ND	0.91	ND	2.4
Trichlorofluoromethane	ND	0.91	ND	5.1
1,1-Dichloroethene	ND	0.91	ND	3.6
Freon 113	ND	0.91	ND	6.9
Acetone	49	3.6	120	8.6
Carbon Disulfide	ND	0.91	ND	2.8
Methylene Chloride	ND	0.91	ND	3.1
trans-1,2-Dichloroethene	ND	0.91	ND	3.6
MTBE	ND	0.91	ND	3.3
n-Hexane	ND	0.91	ND	3.2
1,1-Dichloroethane	ND	0.91	ND	3.7
Vinyl Acetate	ND	0.91	ND	3.2
cis-1,2-Dichloroethene	ND	0.91	ND	3.6
2-Butanone	1.8	0.91	5.5	2.7
Ethyl Acetate	ND	0.91	ND	3.3
Tetrahydrofuran	ND	0.91	ND	2.7
Chloroform	4.1	0.91	20	4.4
1,1,1-Trichloroethane	ND	0.91	ND	4.9
Cyclohexane	ND	0.91	ND	3.1
Carbon Tetrachloride	ND	0.91	ND	5.7
Benzene	ND	0.91	ND	2.9
1,2-Dichloroethane	ND	0.91	ND	3.7
n-Heptane	ND	0.91	ND	3.7
Trichloroethene	ND	0.91	ND	4.9
1,2-Dichloropropane	ND	0.91	ND	4.2
Bromodichloromethane	ND	0.91	ND	6.1
cis-1,3-Dichloropropene	ND	0.91	ND	4.1
4-Methyl-2-Pentanone	ND	0.91	ND	3.7

ND= Not Detected
RL= Reporting Limit
Result M= Result in mass units
Result V= Result in volume units

Curtis & Tompkins, Ltd.

Volatile Organics in Air

Lab #:	228783	Location:	Westlake & Southgate Dry Cleaners
Client:	Treadwell & Rollo	Prep:	METHOD
Project#:	730487803	Analysis:	EPA TO-15
Field ID:	SG-9	Diln Fac:	1.810
Lab ID:	228783-012	Batch#:	176101
Matrix:	Air	Sampled:	06/16/11
Units (V):	ppbv	Received:	06/16/11
Units (M):	ug/m3	Analyzed:	06/23/11

Analyte	Result (V)	RL	Result (M)	RL
Toluene	ND	0.91	ND	3.4
trans-1,3-Dichloropropene	ND	0.91	ND	4.1
1,1,2-Trichloroethane	ND	0.91	ND	4.9
Tetrachloroethene	99	0.91	670	6.1
2-Hexanone	ND	0.91	ND	3.7
Dibromochloromethane	ND	0.91	ND	7.7
1,2-Dibromoethane	ND	0.91	ND	7.0
Chlorobenzene	ND	0.91	ND	4.2
Ethylbenzene	ND	0.91	ND	3.9
m,p-Xylenes	ND	0.91	ND	3.9
o-Xylene	ND	0.91	ND	3.9
Styrene	ND	0.91	ND	3.9
Bromoform	ND	0.91	ND	9.4
1,1,2,2-Tetrachloroethane	ND	0.91	ND	6.2
4-Ethyltoluene	ND	0.91	ND	4.4
1,3,5-Trimethylbenzene	ND	0.91	ND	4.4
1,2,4-Trimethylbenzene	ND	0.91	ND	4.4
1,3-Dichlorobenzene	ND	0.91	ND	5.4
1,4-Dichlorobenzene	ND	0.91	ND	5.4
Benzyl chloride	ND	0.91	ND	4.7
1,2-Dichlorobenzene	ND	0.91	ND	5.4
1,2,4-Trichlorobenzene	ND	0.91	ND	6.7
Hexachlorobutadiene	ND	0.91	ND	9.7

Surrogate	%REC	Limits
Bromofluorobenzene	97	74-136

ND= Not Detected
RL= Reporting Limit
Result M= Result in mass units
Result V= Result in volume units

Curtis & Tompkins, Ltd.

Batch QC Report

Volatile Organics in Air

Lab #:	228783	Location:	Westlake & Southgate Dry Cleaners
Client:	Treadwell & Rollo	Prep:	METHOD
Project#:	730487803	Analysis:	EPA TO-15
Matrix:	Air	Batch#:	176101
Units (V):	ppbv	Analyzed:	06/22/11
Diln Fac:	1.000		

Type: BS Lab ID: QC597372

Analyte	Spiked	Result (V)	%REC	Limits
Propylene	10.00	9.529	95	70-130
Freon 12	10.00	9.874	99	70-130
Freon 114	10.00	10.83	108	70-130
Chloromethane	10.00	10.00	100	70-130
Vinyl Chloride	10.00	10.21	102	70-130
1,3-Butadiene	10.00	9.554	96	70-130
Bromomethane	10.00	9.593	96	70-130
Chloroethane	10.00	9.516	95	70-130
Trichlorofluoromethane	10.00	10.26	103	70-130
1,1-Dichloroethene	10.00	9.891	99	70-130
Freon 113	10.00	10.17	102	70-130
Acetone	10.00	10.06	101	70-130
Carbon Disulfide	10.00	9.914	99	70-130
Methylene Chloride	10.00	9.406	94	70-130
trans-1,2-Dichloroethene	10.00	10.11	101	70-130
MTBE	10.00	10.45	104	70-130
n-Hexane	10.00	9.694	97	70-130
1,1-Dichloroethane	10.00	9.641	96	70-130
Vinyl Acetate	10.00	9.930	99	70-130
cis-1,2-Dichloroethene	10.00	9.594	96	70-130
2-Butanone	10.00	10.45	105	70-130
Ethyl Acetate	10.00	10.88	109	70-130
Tetrahydrofuran	10.00	10.42	104	70-130
Chloroform	10.00	9.902	99	70-130
1,1,1-Trichloroethane	10.00	10.00	100	70-130
Cyclohexane	10.00	10.06	101	70-130
Carbon Tetrachloride	10.00	9.797	98	70-130
Benzene	10.00	10.11	101	70-130
1,2-Dichloroethane	10.00	9.632	96	70-130
n-Heptane	10.00	9.850	99	70-130
Trichloroethene	10.00	10.10	101	70-130
1,2-Dichloropropane	10.00	10.23	102	70-130
Bromodichloromethane	10.00	10.38	104	70-130
cis-1,3-Dichloropropene	10.00	10.06	101	70-130

RPD= Relative Percent Difference
Result V= Result in volume units

Curtis & Tompkins, Ltd.

Batch QC Report

Volatile Organics in Air

Lab #:	228783	Location:	Westlake & Southgate Dry Cleaners
Client:	Treadwell & Rollo	Prep:	METHOD
Project#:	730487803	Analysis:	EPA TO-15
Matrix:	Air	Batch#:	176101
Units (V):	ppbv	Analyzed:	06/22/11
Diln Fac:	1.000		

Analyte	Spiked	Result (V)	%REC	Limits
4-Methyl-2-Pentanone	10.00	10.49	105	70-130
Toluene	10.00	8.886	89	70-130
trans-1,3-Dichloropropene	10.00	9.769	98	70-130
1,1,2-Trichloroethane	10.00	9.569	96	70-130
Tetrachloroethene	10.00	9.275	93	70-130
2-Hexanone	10.00	10.60	106	70-134
Dibromochloromethane	10.00	9.797	98	70-130
1,2-Dibromoethane	10.00	9.792	98	70-130
Chlorobenzene	10.00	9.378	94	70-130
Ethylbenzene	10.00	10.39	104	70-130
m,p-Xylenes	20.00	20.98	105	70-130
o-Xylene	10.00	10.25	102	70-130
Styrene	10.00	10.21	102	70-130
Bromoform	10.00	9.015	90	70-130
1,1,2,2-Tetrachloroethane	10.00	9.426	94	70-130
4-Ethyltoluene	10.00	9.999	100	70-130
1,3,5-Trimethylbenzene	10.00	10.02	100	70-130
1,2,4-Trimethylbenzene	10.00	10.29	103	70-130
1,3-Dichlorobenzene	10.00	9.873	99	70-130
1,4-Dichlorobenzene	10.00	10.37	104	70-130
Benzyl chloride	10.00	10.84	108	70-130
1,2-Dichlorobenzene	10.00	10.62	106	70-130
1,2,4-Trichlorobenzene	10.00	10.60	106	70-130
Hexachlorobutadiene	10.00	11.02	110	70-130

Surrogate	%REC	Limits
Bromofluorobenzene	104	70-136

RPD= Relative Percent Difference
Result V= Result in volume units

Curtis & Tompkins, Ltd.

Batch QC Report

Volatile Organics in Air

Lab #:	228783	Location:	Westlake & Southgate Dry Cleaners
Client:	Treadwell & Rollo	Prep:	METHOD
Project#:	730487803	Analysis:	EPA TO-15
Matrix:	Air	Batch#:	176101
Units (V):	ppbv	Analyzed:	06/22/11
Diln Fac:	1.000		

Type: BSD Lab ID: QC597373

Analyte	Spiked	Result (V)	%REC	Limits	RPD	Lim
Propylene	10.00	10.21	102	70-130	7	20
Freon 12	10.00	10.12	101	70-130	2	20
Freon 114	10.00	10.71	107	70-130	1	20
Chloromethane	10.00	10.24	102	70-130	2	20
Vinyl Chloride	10.00	10.32	103	70-130	1	20
1,3-Butadiene	10.00	9.947	99	70-130	4	20
Bromomethane	10.00	9.699	97	70-130	1	20
Chloroethane	10.00	9.540	95	70-130	0	20
Trichlorofluoromethane	10.00	10.35	103	70-130	1	20
1,1-Dichloroethene	10.00	9.857	99	70-130	0	20
Freon 113	10.00	10.45	104	70-130	3	20
Acetone	10.00	10.15	102	70-130	1	20
Carbon Disulfide	10.00	9.930	99	70-130	0	20
Methylene Chloride	10.00	9.573	96	70-130	2	20
trans-1,2-Dichloroethene	10.00	10.15	101	70-130	0	20
MTBE	10.00	10.30	103	70-130	1	20
n-Hexane	10.00	9.404	94	70-130	3	20
1,1-Dichloroethane	10.00	9.642	96	70-130	0	20
Vinyl Acetate	10.00	10.06	101	70-130	1	20
cis-1,2-Dichloroethene	10.00	9.745	97	70-130	2	20
2-Butanone	10.00	10.45	105	70-130	0	20
Ethyl Acetate	10.00	10.73	107	70-130	1	20
Tetrahydrofuran	10.00	10.55	106	70-130	1	20
Chloroform	10.00	9.840	98	70-130	1	20
1,1,1-Trichloroethane	10.00	9.877	99	70-130	1	20
Cyclohexane	10.00	10.15	102	70-130	1	20
Carbon Tetrachloride	10.00	9.740	97	70-130	1	20
Benzene	10.00	10.31	103	70-130	2	20
1,2-Dichloroethane	10.00	9.638	96	70-130	0	20
n-Heptane	10.00	9.953	100	70-130	1	20
Trichloroethene	10.00	10.11	101	70-130	0	20
1,2-Dichloropropane	10.00	9.996	100	70-130	2	20
Bromodichloromethane	10.00	10.06	101	70-130	3	20
cis-1,3-Dichloropropene	10.00	9.775	98	70-130	3	20

RPD= Relative Percent Difference
Result V= Result in volume units

Curtis & Tompkins, Ltd.

Batch QC Report

Volatile Organics in Air

Lab #:	228783	Location:	Westlake & Southgate Dry Cleaners
Client:	Treadwell & Rollo	Prep:	METHOD
Project#:	730487803	Analysis:	EPA TO-15
Matrix:	Air	Batch#:	176101
Units (V):	ppbv	Analyzed:	06/22/11
Diln Fac:	1.000		

Analyte	Spiked	Result (V)	%REC	Limits	RPD	Lim
4-Methyl-2-Pentanone	10.00	9.865	99	70-130	6	20
Toluene	10.00	8.678	87	70-130	2	20
trans-1,3-Dichloropropene	10.00	9.655	97	70-130	1	20
1,1,2-Trichloroethane	10.00	9.459	95	70-130	1	20
Tetrachloroethene	10.00	9.118	91	70-130	2	20
2-Hexanone	10.00	10.39	104	70-134	2	20
Dibromochloromethane	10.00	9.550	96	70-130	3	20
1,2-Dibromoethane	10.00	9.455	95	70-130	4	20
Chlorobenzene	10.00	8.954	90	70-130	5	20
Ethylbenzene	10.00	10.14	101	70-130	2	20
m,p-Xylenes	20.00	20.89	104	70-130	0	20
o-Xylene	10.00	10.27	103	70-130	0	20
Styrene	10.00	9.553	96	70-130	7	20
Bromoform	10.00	9.322	93	70-130	3	20
1,1,2,2-Tetrachloroethane	10.00	9.341	93	70-130	1	20
4-Ethyltoluene	10.00	9.965	100	70-130	0	20
1,3,5-Trimethylbenzene	10.00	9.831	98	70-130	2	20
1,2,4-Trimethylbenzene	10.00	10.00	100	70-130	3	20
1,3-Dichlorobenzene	10.00	10.05	101	70-130	2	20
1,4-Dichlorobenzene	10.00	9.817	98	70-130	5	20
Benzyl chloride	10.00	10.36	104	70-130	4	20
1,2-Dichlorobenzene	10.00	10.20	102	70-130	4	20
1,2,4-Trichlorobenzene	10.00	10.28	103	70-130	3	20
Hexachlorobutadiene	10.00	10.17	102	70-130	8	20

Surrogate	%REC	Limits
Bromofluorobenzene	98	70-136

RPD= Relative Percent Difference
Result V= Result in volume units

Curtis & Tompkins, Ltd.

Batch QC Report

Volatile Organics in Air

Lab #:	228783	Location:	Westlake & Southgate Dry Cleaners
Client:	Treadwell & Rollo	Prep:	METHOD
Project#:	730487803	Analysis:	EPA TO-15
Type:	BLANK	Units (M):	ug/m3
Lab ID:	QC597374	Diln Fac:	1.000
Matrix:	Air	Batch#:	176101
Units (V):	ppbv	Analyzed:	06/22/11

Analyte	Result (V)	RL	Result (M)	RL
Propylene	ND	0.50	ND	0.86
Freon 12	ND	0.50	ND	2.5
Freon 114	ND	0.50	ND	3.5
Chloromethane	ND	0.50	ND	1.0
Vinyl Chloride	ND	0.50	ND	1.3
1,3-Butadiene	ND	0.50	ND	1.1
Bromomethane	ND	0.50	ND	1.9
Chloroethane	ND	0.50	ND	1.3
Trichlorofluoromethane	ND	0.50	ND	2.8
1,1-Dichloroethene	ND	0.50	ND	2.0
Freon 113	ND	0.50	ND	3.8
Acetone	ND	2.0	ND	4.8
Carbon Disulfide	ND	0.50	ND	1.6
Methylene Chloride	ND	0.50	ND	1.7
trans-1,2-Dichloroethene	ND	0.50	ND	2.0
MTBE	ND	0.50	ND	1.8
n-Hexane	ND	0.50	ND	1.8
1,1-Dichloroethane	ND	0.50	ND	2.0
Vinyl Acetate	ND	0.50	ND	1.8
cis-1,2-Dichloroethene	ND	0.50	ND	2.0
2-Butanone	ND	0.50	ND	1.5
Ethyl Acetate	ND	0.50	ND	1.8
Tetrahydrofuran	ND	0.50	ND	1.5
Chloroform	ND	0.50	ND	2.4
1,1,1-Trichloroethane	ND	0.50	ND	2.7
Cyclohexane	ND	0.50	ND	1.7
Carbon Tetrachloride	ND	0.50	ND	3.1
Benzene	ND	0.50	ND	1.6
1,2-Dichloroethane	ND	0.50	ND	2.0
n-Heptane	ND	0.50	ND	2.0
Trichloroethene	ND	0.50	ND	2.7
1,2-Dichloropropane	ND	0.50	ND	2.3
Bromodichloromethane	ND	0.50	ND	3.4
cis-1,3-Dichloropropene	ND	0.50	ND	2.3
4-Methyl-2-Pentanone	ND	0.50	ND	2.0

ND= Not Detected
RL= Reporting Limit
Result M= Result in mass units
Result V= Result in volume units

Curtis & Tompkins, Ltd.

Batch QC Report

Volatile Organics in Air

Lab #:	228783	Location:	Westlake & Southgate Dry Cleaners
Client:	Treadwell & Rollo	Prep:	METHOD
Project#:	730487803	Analysis:	EPA TO-15
Type:	BLANK	Units (M):	ug/m3
Lab ID:	QC597374	Diln Fac:	1.000
Matrix:	Air	Batch#:	176101
Units (V):	ppbv	Analyzed:	06/22/11

Analyte	Result (V)	RL	Result (M)	RL
Toluene	ND	0.50	ND	1.9
trans-1,3-Dichloropropene	ND	0.50	ND	2.3
1,1,2-Trichloroethane	ND	0.50	ND	2.7
Tetrachloroethene	ND	0.50	ND	3.4
2-Hexanone	ND	0.50	ND	2.0
Dibromochloromethane	ND	0.50	ND	4.3
1,2-Dibromoethane	ND	0.50	ND	3.8
Chlorobenzene	ND	0.50	ND	2.3
Ethylbenzene	ND	0.50	ND	2.2
m,p-Xylenes	ND	0.50	ND	2.2
o-Xylene	ND	0.50	ND	2.2
Styrene	ND	0.50	ND	2.1
Bromoform	ND	0.50	ND	5.2
1,1,2,2-Tetrachloroethane	ND	0.50	ND	3.4
4-Ethyltoluene	ND	0.50	ND	2.5
1,3,5-Trimethylbenzene	ND	0.50	ND	2.5
1,2,4-Trimethylbenzene	ND	0.50	ND	2.5
1,3-Dichlorobenzene	ND	0.50	ND	3.0
1,4-Dichlorobenzene	ND	0.50	ND	3.0
Benzyl chloride	ND	0.50	ND	2.6
1,2-Dichlorobenzene	ND	0.50	ND	3.0
1,2,4-Trichlorobenzene	ND	0.50	ND	3.7
Hexachlorobutadiene	ND	0.50	ND	5.3

Surrogate	%REC	Limits
Bromofluorobenzene	83	70-136

ND= Not Detected
RL= Reporting Limit
Result M= Result in mass units
Result V= Result in volume units

Additional Assessment and Vapor Extraction Pilot Test Report

ARCO Service Station No. 465
151 Southgate Avenue
Daly City, California

Regulatory Site No.:
220033

Stantec Project No.:
211611098

Submitted to:
Mr. Deno Milano
San Mateo County – Groundwater Protection Program (GPP)
2000 Alameda de las Pulgas
Suite 100
San Mateo, CA 94403

Prepared for:
Atlantic Richfield Company, a BP affiliated company
Mr. Paul Supple
Operations Project Manager
4 Centerpointe Drive
Suite 200, Room LPR 4-222
La Palma, CA 90623

Prepared by:
Stantec Consulting Services, Inc.
3875 Atherton Road
Rocklin, CA 95765

August 29, 2016

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1.0 INTRODUCTION

On behalf of Atlantic Richfield Company (ARC), a BP affiliated company, Stantec Consulting Services Inc. (Stantec) has prepared this *Additional Assessment and Vapor Extraction Pilot Test Report* for ARCO Service Station No. 465, located at 151 Southgate Avenue in Daly City, California (Figures 1 through 3). This report was prepared in accordance with a San Mateo County Groundwater Protection Program (GPP) letter dated March 7, 2016 (Attachment A). The purpose of the completed scope of work described herein was to further characterize and define the lateral and vertical extent of petroleum hydrocarbon impacts to soil and groundwater, and to document results of a vapor extraction pilot test conducted at the site. Results of recent assessment activities are presented below following discussion of the site background and site geology/hydrogeology.

2.0 SITE BACKGROUND

2.1 SITE LOCATION AND FACILITY DESCRIPTION

The site is located at the southern corner of the intersection of Southgate Avenue and Lake Merced Boulevard in Daly City, California (Figures 1 and 2). The site is an active retail fuel dispensing facility with a station building and service area, six dispensers, two blended gasoline underground storage tanks (USTs) and one waste oil UST. Prior to the assessment discussed in this report, the site had 22 groundwater monitoring wells, 12 soil vapor extraction (SVE) wells, and one dual nested soil vapor probe. An existing remediation equipment compound is located in the southern portion of the site. The site layout and location of historical soil borings and existing wells are illustrated in Figures 2 and 3.

Mixed commercial and residential properties surround the site. Burlington Coat Factory is located to the east of the site; two apartment complexes are located south and north of the site, a former dry cleaner facility and a shopping mall are located west of the site. Site topography slopes to the east or northeast, at an approximate elevation of 100 feet above mean sea level (MSL). Regionally, topography near the site slopes toward the east-northeast (Figure 1).

According to the California State GeoTracker database, former Southgate Cleaners is located at 183 Southgate Avenue, Daly City, approximately 100 feet west-southwest of the site. A review of available information indicates that a leak of volatile organic compounds (VOCs) including tetrachloroethene (PCE) has occurred on the Southgate Cleaners property from the former dry cleaning operations. Results of assessment activities for Southgate Cleaners were presented in the *Sub-slab and Groundwater Sampling Results* (Report) by Treadwell & Rollo (Treadwell & Rollo) dated August 8, 2011. The Treadwell & Rollo Report includes a figure showing PCE Soil Vapor Concentration Contours (Treadwell & Rollo Figure 7) and a 500 microgram per cubic meter (µg/m^3) concentration contour that extends from the former Southgate Cleaners site onto the ARCO station property. The Treadwell & Rollo Report also includes grab groundwater analytical data for direct push soil boring SG-10. Groundwater was collected from boring SG-10 with a screen interval of 101.2 to 104.2 feet below ground surface (bgs). The groundwater sample was reported to contain methyl tert-butyl ether (MtBE) at a concentration of 4.8 micrograms per liter (µg/L). PCE was not detected at a concentration above the laboratory method reporting limit of 0.5 µg/L in the groundwater sample collected from boring SG-10.

2.2 SITE BACKGROUND AND PREVIOUS INVESTIGATIONS

Site assessment activities were first conducted at the site in 1992 when hydrocarbon impacted soil was detected in the vicinity of the gasoline and waste oil USTs. Prior to the assessment discussed in this report, the site had a total of 22 groundwater monitoring wells (MW-1R, MW-2, MW-3D, MW-4, MW-4D, MW-5, MW-5D, MW-6, MW-6D, MW-7, MW-7D, and MW-8 through MW-18) and 12 SVE wells (V-1, V-2, and V-4 through V-13), and one dual-nested soil vapor probe (SV-1S/SV-1D). A total of 32 soil borings (CSB-1 through CSB-6, SB-1, SB-1A, SB-2 through SB-5, SB-7 through SB-19, SB-20, SB-20B, SB-20C, MW-5A, and HA-1 through HA-3), had also been advanced at the site. Soil borings, soil sample locations, soil vapor probe, SVE wells and groundwater monitoring well locations are depicted on Figures 2 and 3. Soil boring and well construction details are summarized in Table 1 and soil boring logs are presented as Attachment B. Soil analytical data is summarized in Tables 2 through 6. Groundwater monitoring and analytical data are summarized in Tables 7 through 10, and data from the most recent groundwater monitoring and sampling event are illustrated in Figures 4 through 8. Soil vapor analytical data are summarized in Table 11. Groundwater PCE and trichloroethene (TCE) analytical data is presented in Table 12.

An initial subsurface investigation was performed at the site in March 1992. Results of this investigation indicated that soil and groundwater in the vicinity of the gasoline UST complex had been impacted by petroleum hydrocarbons. Soil in the vicinity of the waste oil UST was also found to be impacted by both low boiling point hydrocarbons which were quantified as total petroleum hydrocarbons as gasoline (TPHg; also referred to as gasoline range organics [GRO]) and higher boiling point hydrocarbons which were quantified as TPH as diesel (TPHd; also referred to as diesel range organics [DRO]) and total recoverable petroleum hydrocarbons (TRPH). Low concentrations of semi-volatile organic compounds (SVOCs) and polychlorinated biphenyls (PCBs) were also reported in soil samples collected during the assessment. Groundwater monitoring wells MW-1 and MW-2 were installed at depths of approximately 70.5 feet and 61.5 feet bgs, respectively, to intercept a perched groundwater horizon (SEACOR, 1992a).

In July 1992, SVE well V-7 was installed to a depth of 85 feet bgs, and a SVE pilot test was performed at the site. In August 1992, deep groundwater monitoring well MW-3D was installed to a depth of approximately 220 feet bgs to intercept the upper portion of the regional groundwater aquifer (SEACOR, 1992b). The GPP noted in a letter dated July 5, 2001, that because "*MW-3D is screened from 202 bgs to 220 feet bgs (below an approximate 10-foot-thick clayey silt to silty clay zone) ... (MW-3D) may represent the deeper drinking water aquifer.*" In January 1993, quarterly groundwater monitoring activities were initiated at the site. Groundwater monitoring well MW-4 and vapor extraction well V-8, were installed in May 1993. Groundwater monitoring well MW-4 was installed to a depth of approximately 68 feet bgs to further assess groundwater quality in the perched groundwater horizon. A temporary SVE system was installed and pilot testing was performed during this phase of work (SEACOR, 1993).

On October 21, 1997, Gettler-Ryan removed a 520-gallon capacity waste oil UST located on the southwest side of the site and excavated the UST cavity to approximately nine feet bgs. On October 30, 1997, Gettler-Ryan further excavated the former waste oil UST pit to a depth of approximately 15 feet bgs, and in an easterly direction, to a depth of approximately 3 feet from the edge of the original excavation. Approximately 60 cubic yards (yd^3) of soil excavated from the pit was transported for offsite disposal by Dillard Trucking. The new waste oil UST and associated piping and vents were installed, the excavation was backfilled, and the surface asphalted on October 31, 1997 (SECOR 1997a).

In January 1998, six confirmation soil borings (CSB-1 through CSB-6) were advanced to determine if operation of the temporary SVE system had reduced the hydrocarbon concentration in soil to levels acceptable for regulatory case closure. The borings were advanced to depths ranging from 30.5 feet to 55.5 feet bgs using a drill rig equipped with 8-inch diameter hollow stem augers. Soil samples collected during this assessment were analyzed for GRO, benzene, toluene, ethylbenzene, xylenes (collectively BTEX), and MtBE. Soil samples collected from CSB-6, located near the former waste oil UST, were also analyzed for DRO, TRPH, Halogenated VOCs, VOCs, PCBs, and total metals. Results of the investigation indicated that concentrations of GRO, DRO, and TRPH were present in soil samples collected from CSB-5 and CSB-6. Soil samples collected from CSB-6 were also reported to contain concentrations of heavy oil. Benzene was not detected in any of the soil samples collected. MtBE was reported in soil samples collected from the boring of CSB-3 at depths of 15 and 21 feet bgs at concentrations of 0.66 milligrams per kilogram (mg/kg) and 0.15 mg/kg, respectively. Concentrations of ethylbenzene, total xylenes, 2-methylnaphthalene, PCB Aroclor 1248, and total metals were detected in soil samples collected from CSB-6 at depths of 5 and 15 feet bgs.

On March 4, 1999, Gettler-Ryan removed the product lines which carried fuel from the USTs to the three fuel dispenser islands at the site. The soil underlying the fuel line trenches was observed to be stained and exhibited a gasoline odor. As the excavation continued, gasoline odor and gray staining of the soil were observed in the trench between the central and northern two dispenser islands. Six trench floor soil samples (T-1 through T-6) and eight soil samples from beneath the dispensers (D-1 through D-8) were collected and analyzed for GRO, BTEX, MtBE, and lead (SECOR, 1999).

Due to concentrations of gasoline constituents in soil samples T-2, T-4, T-6, D-5, and D-8, soil was excavated to approximately 8 to 10 feet bgs and confirmation samples (T-2A, T-4A, T-6A, D-5A, and D-8A) were collected from the bottom of the over-excavated trenches. One of the five over excavation samples, T-2A located between the northern and middle dispenser island at 10 feet bgs contained 9,700 mg/kg GRO and 82 mg/kg benzene. Approximately 127 tons of soil were removed from the site after the excavation, and transported by Dillard Trucking to a Browning Ferris Industries offsite disposal facility for proper disposal (SECOR, 1999).

Between August 28, 2000 and September 6, 2000, two 10,000-gallon unleaded gasoline USTs, one 8,000-gallon UST, and associated product lines and dispensers were removed from the site. SVE

well V-3 was also destroyed during this time. Soil samples collected from beneath the USTs contained maximum concentrations of 6,590 mg/kg GRO (S-13-TP1M), 0.00560 mg/kg benzene (S-11-TP3N), and 956 mg/kg MtBE (S-13-TP1M) at depths ranging from 11 to 13 feet bgs. Over-excavation of the UST area was confined to the expansion area intended for the new USTs. Samples collected at a depth of 18 feet bgs in the over-excavated area contained maximum hydrocarbon concentrations at 3,440 mg/kg GRO (S-18-TP2SE), 6.18 mg/kg benzene (S-18-TP2SW), and 140 mg/kg MtBE (S-18-TP2SE). Maximum concentrations reported in confirmation samples collected after over-excavating the dispenser areas to depths of 5 to 6 feet bgs were 2,040 mg/kg GRO and 4.61 mg/kg MtBE in sample S-6-D2E (SECOR, 2001).

During UST replacement activities performed in August and September 2000, Henderson Construction Company, the ARC subcontractor performing the replacement, reported an unauthorized release of approximately 500 gallons of a mixture of gasoline and rinsate water from one of the gasoline USTs. The spill was apparently caused by attempting to remove the UST with the rinsate water still inside the UST. A portable dual-phase extraction (DPE) system was mobilized to the site shortly thereafter, and operated for a 10-day period to mitigate the effects of the reported release (SECOR, 2000).

In November 2001, SECOR International, Inc. (SECOR) installed two groundwater monitoring wells (MW-5 and MW-6) and one soil boring (SB-1). Maximum concentrations of GRO and MtBE were reported at 21,000 mg/kg and 470 mg/kg in a sample collected from MW-6 at a depth of 15.5 feet bgs, respectively. The maximum benzene concentration (6.9 mg/kg) was reported in a sample collected from MW-5 at a depth of 20.5 feet bgs. Wells MW-5 and MW-6 were completed at a depth of 60 feet bgs. Groundwater samples have been obtained from MW-6, but MW-5 has been generally dry since the well was installed. Groundwater samples collected from MW-5 in April 2010 reported concentrations of 4,300 µg/L GRO, 55,000 µg/L MtBE, and 89,000 µg/L tert-butyl alcohol (TBA) (Table 8). The soil boring of well MW-5 was advanced approximately 2.5 feet into a silt and clay layer, and the well was installed at 60 feet bgs to avoid penetrating a clay layer that was encountered at 57.5 feet bgs (SECOR, 2002).

In April 2003, URS performed additional characterization in the vicinity of MW-5 to determine whether shallow groundwater was present at a depth greater than the 60-foot completion depth of MW-5, and to characterize the vertical extent of petroleum hydrocarbons and fuel oxygenates at this location, near the waste oil UST. Boring MW-5A was drilled adjacent to MW-5 and soil was sampled to a depth of 85 feet bgs. After drilling through a sandy clayey silt and clayey silty sand from approximately 60 to 64 feet bgs, the augers were left open for observation for over one hour at a depth of 66 feet bgs in moist silty sand. No water accumulated in the borehole, so an additional well was not installed at this location. No GRO or benzene concentrations greater than the laboratory reporting limits (LRL) were detected in soil samples collected from 60.5 to 85 feet in the boring. However, MtBE was detected in soil samples collected from 60.5 to 85 feet bgs at concentrations ranging from 0.12 to 1.0 mg/kg (URS, 2003).

In September 2005, URS advanced nine soil borings (SB-1 renamed SB-1A, SB-2 through SB-5, and SB-7 through SB-10) to depths ranging from 50 to 81 feet bgs in order to further assess the vertical and lateral extent of dissolved hydrocarbons in the subsurface. This work was summarized in the URS *Additional Soil and Groundwater Investigation Interim Report* dated April 5, 2006. Soil boring SB-6 was not advanced due to refusal at approximately 5 feet bgs. In soil samples collected from onsite borings SB-1A, SB-2, and SB-3, GRO and MtBE were reported at maximum concentrations of 2,700 mg/kg (SB-1A at 16.5 feet bgs) and 120 mg/kg (SB-1A at 21.5 feet bgs), respectively. Benzene was not detected in the onsite borings, and GRO, BTEX, and fuel oxygenates were not detected in the soil samples collected from the offsite borings SB-4, SB-5, and SB-7 through SB-10 at concentrations above LRLs. Soil samples collected from borings SB-2 and SB-3 were analyzed for the presence of additional VOCs. Aside from the gasoline related compounds 1,2,4-trimethylbenzene, 1,3,5 trimethylbenzene, n-butylbenzene, and n-propylbenzene, soil samples collected from borings SB-2 and SB-3 did not contain VOCs at concentrations above the LRLs. Soil samples collected from boring SB-1A, advanced in the vicinity of the waste oil UST, were analyzed for the presence of DRO and Stoddard Solvent; these analytes were detected in the majority of samples collected to a depth of approximately 51.5 feet bgs. Maximum concentrations of DRO (790 mg/kg) and Stoddard Solvent (1,200 mg/kg) were reported in the sample collect from SB-1A at 16.5 feet bgs. Grab groundwater samples were collected from onsite boring SB-3, offsite borings SB-4, SB-5, and SB-7 through SB-10. The grab groundwater sample collected from onsite boring SB-3 at approximately 60.5 feet bgs contained concentrations of 59,000 µg/L GRO, 670 µg/L benzene, and 49,000 µg/L MtBE. No VOCs other than the gasoline range components of 1,2-4 trimethylbenzene (930 µg/L), and 1,3,5 trimethylbenzene (380 µg/L) were present in the grab groundwater sample collected from SB-3. The grab groundwater samples collected from the offsite soil borings did not contain GRO, BTEX, and oxygenates at concentrations greater than the LRLs. Based upon the results of this investigation, URS recommended the installation of three additional offsite groundwater monitoring wells (MW-7 through MW-9) to further delineate the lateral extent of dissolved petroleum hydrocarbons offsite (URS, 2006).

On August 28 and 29, 2008, the installation of wells MW-7 through MW-9 was performed. Results of the investigation and an updated site conceptual model (SCM) were presented in the Stantec *Additional Site Assessment Report and SCM* dated June 14, 2010.

In a letter dated July 6, 2010, the GPP requested a workplan for remediation feasibility testing. The proposed feasibility testing scope of work was presented in the Stantec *Additional Assessment and Remediation Feasibility Test Workplan* (*Workplan*) dated October 29, 2010. GPP issued a letter dated January 13, 2011, stating the information provided in the *Workplan* serves as a Remedial Action Plan (RAP) which required ARC to forego SVE feasibility testing and move directly into active SVE remediation. The GPP letter also directed submittal of an addendum to the *Workplan*. The revised assessment and remediation plan was submitted to GPP on March 1, 2011.

In June and July 2011, Stantec completed an additional assessment and bench-scale feasibility testing. The work involved the installation of three additional onsite (MW-10) and off-site (MW-11 and MW-12) groundwater monitoring wells to further characterize petroleum hydrocarbons in soil and groundwater, the installation of two additional SVE wells (V-9 and V-10) for expansion of the existing offline SVE system, and one dual-nested soil vapor probe (SV-1S/SV-1D) to evaluate vapor phase petroleum hydrocarbons near the western property line. On December 21, 2011, Stantec collected soil vapor samples from vapor probes SV-1S and SV-1D. Soil vapor analytical data summarized in Table 10 documents the primary soil vapor constituents of concern along the western property line are MtBE and PCE. The PCE concentrations reported in the vapor samples collected from SV-1S and SV-1D are likely derived from operations at the former Southgate Cleaners located west of the site. Details of the completed assessment and In-Situ Chemical Oxidation (ISCO) feasibility testing utilizing hydrogen peroxide (H_2O_2), and an updated SCM were presented in the Stantec *Additional Assessment Report of Findings, Bench Scale Feasibility Test Report,* and *Site Conceptual Model* dated February 14, 2012 (Stantec, 2012).

In a letter dated June 19, 2012, GPP issued a notice of violation (NOV) for the failure to implement the operation of the SVE system. Although significant progress had been made, additional tasks that required completion before the new SVE system could be started included connection of power and natural gas services from Pacific Gas & Electric (PG&E) and issuance of a permit from the Bay Area Air Quality Management District (BAAQMD) for Authority to Construct (ATC) the system. As communicated to GPP in electronic correspondence dated June 12, 2012, the BAAQMD delayed issuance of the ATC permit due to concern about chlorinated solvents that are present in soil vapor beneath the site and the potential for dioxin formation when operating the thermal oxidizer to treat chlorinated solvents present in the extracted soil vapor. In order to maintain compliance with ATC permit conditions, Stantec performed an SVE source test using Granular Activated Carbon (GAC) vessels arranged in series on July 2 and 3, 2012. Following installation of the GAC vessels, Stantec worked with the SVE equipment manufacturer to modify the SVE system controls, bypass the thermal oxidizer, and re-route the extracted soil vapor through the GAC vessels for treatment. As part of the source test, individual extraction well vapor samples were analyzed for contaminant concentrations. Stantec evaluated influent vapor analytical data to determine the total chlorinated atom mass and determine whether the dioxin health risk trigger level will be exceeded. The calculated dioxin trigger level was not exceeded, and the thermal oxidizer was placed back online (Stantec, 2013).

Phase 1 of the SVE system installation began in August 2011 and included connection of the new SVE wells V-9 and V-10 and connection of existing well V-4 to an expanded remediation system compound through lateral conveyance piping placed underground. While reviewing historical soil analytical data, it was noted that 1,200 mg/kg GRO was present in a soil sample collected at 46 feet bgs in soil boring SB-1A, located between MW-5 and newly installed well MW-10. Since the shallow SVE wells are screened from 15 to 35 feet bgs, Stantec connected groundwater monitoring wells MW-5 and MW-10 (screened from 40 to 60 feet bgs) to the SVE system to insure

recovery of hydrocarbon mass present in soil at 46 feet bgs. The extraction piping was installed from V-5 to MW-5 and from V-10 to MW-10 and controlled with a ball valve. The ball valve allows extraction from V-5 or MW-5 and V-10 or MW-10. Phase 2 of the SVE system installation was completed in February 2012 with installation of a thermal oxidizer. System startup and source testing was conducted in July 2012 upon completion of PG&E utility connection and BAAQMD air permitting (Stantec, 2013). Stantec's *Soil Vapor Extraction System Source Test Report* dated October 19, 2012 was also submitted to the GPP, in accordance to their directive. The SVE system startup was completed on October 22, 2012.

Between March 18 and 27, 2013, Stantec supervised National Exploration, Wells, and Pumps (NEWP) during advancement of three soil borings (SB-11 through SB-13). Soil and groundwater samples were submitted to JAG Consulting Group for bench scale testing and analysis. The results, including an updated SCM, are summarized in Stantec's *Additional Assessment Report, Bench Scale Feasibility Test Report, and Site Conceptual Model* dated June 13, 2013. GPP reviewed the report and responded in a letter dated March 18, 2014. GPP requested a workplan be submitted for additional assessment and well replacement. Stantec submitted a *Workplan for Additional Assessment* dated June 19, 2014. The workplan was conditionally approved by GPP in a letter dated August 18, 2014.

Between December 2014 and February 2015, Stantec completed an additional assessment that included the following scope of work:

- Advanced four soil borings (SB-14 through SB-17) to depths ranging from 130 to 160 feet bgs and installed five groundwater monitoring wells (MW-13 through MW-17) to depths ranging from 32 to 62 feet bgs. The data was used to further assess the lateral and vertical extent of MtBE in soil and the lateral extent of MtBE present in the shallow perched zone.

- Installed four groundwater monitoring wells (MW-4D through MW-7D) to assess the regional groundwater underlying the site at approximately 150 feet bgs.

- Advanced three hand augers borings (HA-1 through HA-3) adjacent to the dispenser islands to further assess the extent of MtBE in soil at 5 feet bgs.

Based on the assessment results the vertical extent of MtBE in soil was generally defined and lateral extent of MtBE in soil and shallow perched groundwater zone was not defined to the north and northwest of the site. MtBE was only reported in the water sample collected from MW-4D at a concentration of 1.6 parts per billion, so the bulk of the MtBE mass present in the source areas at the site has not reached the regional water. In addition, operation of the SVE system appears to have removed the bulk of the MtBE mass present in soil above the shallow perch water zone. The assessment results are summarized in Stantec's *Additional Assessment Report and Site Conceptual Model* Dated February 25, 2015.

During October and November 2015, Stantec completed the following activities at the site:

- To assess the lateral extent of MtBE in soil between the perched and regional groundwater zones, and to assess the lateral extent of hydrocarbons in the main perched groundwater zones, soil borings were advanced to the west (SB-18) and west-northwest (SB-19) of the site. Analytical results indicate that MtBE is present at concentrations ranging from 0.006 to 0.11 mg/kg at depths between 100 and 120 feet bgs. A sample collected at 130 feet defines the vertical extent of MtBE in this area. Non-detect results from samples collected from SB-19 define the lateral extent of impacts to the west-northwest of the site.

- Groundwater monitoring well MW-18 was installed to a total depth of 64.5 feet bgs west of the site to assess the perched groundwater zone to the west of the site.

- Due to low dissolved-phase hydrocarbon concentrations, and with approval from the GPP, groundwater monitoring well MW-1 was properly destroyed by over-drilling. Replacement well MW-1R was installed approximately seven feet east of the original location of MW-1. MW-1R was installed with a total depth of 60 feet bgs, the total depth of original well MW-1 was 70.5 feet bgs.

- To assess the groundwater conditions in the perched zone to the southwest of the Site, Stantec oversaw the installation of replacement of groundwater monitoring well MW-11R. MW-11R was advanced by over-drilling and deepening well MW-11 to a total depth of 65 feet bgs. Original depth of MW-11 was 50 feet bgs.

- Vapor extraction wells V-12 and V-13 were installed to total depths of 90 feet bgs and screen from 70 to 90 feet bgs to facilitate the remediation of deep MtBE concentrations in the northwest quadrant of the site.

- To assess the extent of waste oil impacts to soil in the vicinity of the current waste oil UST in the southwest corner of the site, soil borings SB-21 and SB-22 were advanced to 40 and 35 feet bgs, respectively. Significant reductions of GRO, ORO, BTEX and MtBE concentrations were reported in samples collected from borings SB-21 and SB-22 when compared to historical data from borings CSB-6, MW-5A and well V-5 (see Table 2).

2.3 IDENTIFICATION OF CONTAMINATION SOURCES

Based on results of historical site assessment activities, the following source areas of contamination have been identified at the site.

2.3.1 Former Gasoline USTs

The area of the former USTs on the east side of the site is considered a source of gasoline contamination at the site. In 2000, GRO, BTEX, and MtBE were reported in soil samples collected during the removal of the former gasoline USTs and excavation of a new UST pit. Concentrations of GRO and MtBE were detected in the 12-foot samples collected from the southern sidewalls of

the central and easternmost gasoline USTs (samples S-12-TP2S and S-12-TP1S respectively), and in the 13 foot sample collected in the center of the eastern-most gasoline UST at the base of the excavation (S-13-TP1M). Over-excavation of the original UST area was conducted to approximately 13 feet bgs and expanded to accommodate installation of the new USTs. The presence of GRO, benzene, and MtBE concentrations in soil samples (S-18-TP2SE and S-18-TP2SW), collected at 18 feet bgs during excavation of the new UST pit, indicate the presence of gasoline in the soil north of the former UST pit. Historical soil analytical data is presented in tables 2 through 6.

2.3.2 Former Waste Oil UST

The area of the former waste oil UST located in the southwestern corner of the site is considered a source of GRO, BTEX, MtBE, DRO, Stoddard Solvent, and motor oil range organics (MRO) contamination at the site. GRO concentrations were also detected in close proximity to the former waste oil UST prior to its excavation, as indicated by concentrations reported in soil samples collected from boring V-5 in 1992. The area of the former UST pit was excavated vertically to a depth of 15 feet bgs and laterally to the east to a depth of 7 feet bgs. Additional assessment conducted east of the former waste oil UST excavation in 1998 (boring CSB-6), 2001 (boring MW-5), 2003 (boring MW-5A), and in 2005 (boring SB-1A) document the presence of GRO and DRO concentrations similar in magnitude to the initial UST pit excavation samples. With the exception of samples from boring CSB-6, the highest concentrations of GRO, DRO, MRO, Stoddard Solvent, oil and grease, benzene, and MtBE were detected in samples collected from depths ranging from 15.5 feet to 30.5 feet bgs. Additional analysis of VOCs have indicated the presence of other benzene derivatives, naphthalene, Stoddard Solvent, waste oil, and p-isopropyltoluene in several samples collected from boring MW-5 to a depth of 35.5 feet bgs. Historical soil analytical data is presented in Tables 2 through 6.

2.3.3 Former Fuel Dispenser Islands

Elevated concentrations of GRO, BTEX, and MtBE reported in soil samples collected during removal and replacement of the former fuel dispensers and product lines in 1999 document soil underlying the dispenser islands and fuel lines are a source area for gasoline impacts in shallow soil. Hydrocarbon impacted soil was excavated beneath the northernmost (D-8), central (D-4), and southernmost dispenser islands (D-2). Soil excavation was also conducted in product line trenches near the former and current USTs (T-2 and T-4) and southernmost fuel dispenser (T-6). Additional samples collected following excavation of hydrocarbon impacted soil beneath sampling points T-2, T-4, T-6, D-5, and D-8 to a maximum depth of 10 feet bgs were reported to contain low to non-detectable levels of GRO, BTEX, and MtBE, with the exception of the 10-foot sample collected from the base of the trench excavation at location T-2A. Soil sample T-2A contained the highest concentrations of GRO, BTEX, and MtBE during this phase of investigation. Shallow soil samples were collected from two additional hand auger borings, HA-1 and HA-2, in December 2014 to further assess impacted soil adjacent to the dispenser islands. Historical soil analytical data is presented in Tables 2 through 6.

3.0 GEOLOGY/HYDROLOGY

The site is located on the west side of the San Francisco Peninsula of California, approximately one mile east of the Pacific Ocean (Figure 1). Shallow subsurface deposits in the site vicinity are part of the Colma Formation, which consists of pale colored, loose or friable, well sorted, fine to medium grained sand with subordinate gravel, sandy silt, and clay. The Colma Formation has a maximum thickness of about 200 feet, and is underlain by the Merced Formation bedrock (Helley et al. 1979). The nearest surface water is Lake Merced, located approximately 4,200 feet to the north-northwest.

According to the California Regional Water Quality Control Board, San Francisco Bay Region Water Quality Control Plan, groundwater underneath the site is located in the Westside Groundwater Basin. The Westside Groundwater Basin has existing uses as a municipal, domestic, and agricultural water supply.

Based on borings advanced at the site, the area is underlain primarily by fine-grained silty sand and sand from the ground surface to the maximum depth explored of 220 feet bgs. Soil boring logs are presented in Attachment B. As shown in the boring logs, fine grained beds of silt and/or clay were encountered from approximately 58 to 64 feet bgs in most borings advanced onsite. Another fine-grained interval was encountered from 190 to 200 feet bgs in MW-3D. The shallow low permeability fine grained layers appear to partially limit vertical migration of groundwater, allowing shallow groundwater to accumulate on it. Based on results from recent and historical boring logs, the upper surface and thickness of the low permeability layer that allows perched groundwater to exist has significant lateral variability. The variability is shown in MW-5, where the groundwater surface elevation is at or slightly lower than the top of the fine grained competent layer. The lower permeability silt and clay layer is encountered much lower in former well MW-1. Referring to the boring log for well MW-9, the lower permeability lithology is encountered at a higher elevation, allowing perched groundwater to exist at an elevation above that present onsite. The variability of the thickness and elevation of the lower permeability layers may be controlled by following factors: 1) differences in field soil descriptions, 2) under or over estimating the bed thickness based on samples collected on 5 foot intervals, 3) deposition as well as erosion of the finer grained layers prior to deposition of the overlying higher permeability sand, and 4) possible variation in cementation within the formation.

3.1 GROUNDWATER FLOW AND GRADIENT

Depth to groundwater within the deep groundwater monitoring well located onsite (MW-3D) has historically ranged from 149.67 feet below top of casing (BTOC) (2nd quarter 2011) to 182.48 feet BTOC (3rd quarter 1997). Historic groundwater monitoring and analytical data are presented in Table 8. The depth to water gradually decreased between 2001 and 2011, and has gradually increased since 2011. Referring to the soil boring log for MW-3D included in Attachment B, a 10-foot thick moist silt to clay layer was logged from 190 to 200 feet bgs. The clay layer is overlain

by dry medium grained sand and underlain by wet to moist sand. Following completion with screen set from 205 to 220 feet bgs the static groundwater was measured at 180 feet bgs, 20 feet above the base of the clay layer. Based on the recently completed assessments, regional groundwater is approximately 145 to 150 feet bgs. Consequently the clay layer logged in MW-3D does not appear to act as a confining layer of the regional groundwater underlying the site.

From 2002 to 2014, the depth to groundwater in shallow aquifer site well MW-1 had varied just under two-feet from 53.81 to 55.71 feet BTOC (Table 9). The predominant shallow groundwater flow direction beneath the site has historically been to the northeast at an average gradient of 0.012 foot of vertical drop per foot of lateral distance (ft/ft) as summarized in Table 9 and illustrated on Figure 4A. As discussed above, the actual groundwater flow direction in the shallow perched zone is difficult to determine due to the lateral and vertical variability of the lower permeability fine grained layer encountered from 55 to 64 feet bgs. During the most recent groundwater monitoring event conducted during the first quarter 2016, perched groundwater beneath the site was measured in the shallow wells at depths between 46.17 (MW-9) and 62.15 (MW-18) feet BTOC, and the depth to groundwater in deep wells MW-3D through MW-7D was measured between 144.45 (MW-7D) and 155.98 (MW-3D) feet BTOC. The subsurface groundwater flow directions were calculated to the west-northwest at a hydraulic gradient of 0.005 feet per foot (ft/ft) for perched groundwater on the eastern portion of the site and surrounding vicinity, and to the east at a hydraulic gradient of 0.006 ft/ft on the western portion of the site and vicinity. Per the GPP letter dated August 16, 2016, future groundwater elevation contour maps will include a full discussion for all groundwater elevation data that is posted but not used in contouring the groundwater surface.

For wells screened within the deeper aquifer, the subsurface flow direction since February 2015 has been toward the northeast to east-northeast with an average hydraulic gradient of 0.014 ft/ft (Figure 4B and Table 10).

During the February 2016 monitoring event, the groundwater elevation in MW-3D was -53.49 feet above MSL and -45.16 feet above MSL in well MW-7D, or approximately eight feet lower than the stabilized water level in MW-7D.

4.0 COMPLETED SCOPE OF WORK

Between May 9, 2016 and May 20, 2016, Stantec field personnel supervised NEWP of Richmond, California perform the advancement of soil boring SB-20D, installation of monitoring well MW-19 and installation of deep SVE well V-14 at the site. Field notes documenting work at the site are presented in Attachment C.

4.1 ASSESSMENT DATA OBJECTIVES

To assess the lateral extent of MtBE in soil between perched and regional groundwater and to assess the lateral extent of hydrocarbons in the main perched groundwater zone to the northwest and north of the site, Stantec oversaw the completion of the following work:

- Advancement of SB-20D to the west of the Site.

To assess the perched groundwater zone to the north of the site, Stantec oversaw the completion of the following work:

- Installation of MW-19 to the west of the site.

To facilitate soil vapor extraction feasibility testing in the SVE wells screened from 70 to 90 feet bgs onsite, Stantec oversaw the completion of the following work:

- Advancement and installation of offsite well V-14.

Soil boring SB-20D was advanced after refusal was encountered during the attempted borings of SB-20, SB-20B, and SB-20C in the City of Right-of-Way at approximately 23 feet bgs. Borings SB-20 and SB-20B were attempted in October 2015, and boring SB-20C was attempted in February 2016.

4.2 PRE-FIELD ACTIVITIES

4.2.1 Health and Safety

A site-specific health and safety plan (HASP) was prepared in accordance with the requirements outlined in the Occupational Safety and Health Administration (OSHA) Standard "Hazardous Waste Operations and Emergency Response" guidelines (29 CFR 1910.120). The document was reviewed and signed by all onsite consulting personnel and subcontractors prior to performing work at the site.

4.2.2 Permitting and Utility Clearance

Prior to conducting work at the site, subsurface drilling and encroachment permits were obtained from the City of Daly City. An encroachment permit from the City of Daly City was obtained in order to setup traffic control along Southgate Avenue. Under an existing access agreement with Kimco realty corporation

Underground Service Alert (USA) was contacted to delineate subsurface utilities near the proposed boring locations with surface markings, and a private utility locator was contracted to clear the area. GPP was notified of the assessment schedule prior to the start of field activities. Permits for field activities are presented as Attachment D.

4.3 SOIL BORING ADVANCEMENT

Stantec oversaw NEWP execute the assessment work at the site in May 2016. Soil boring and well completion details are summarized in Table 1 and locations of completed soil borings are shown on Figures 2 and 3.

Prior to advancing the borehole for soil sampling, soil boring SB-20D was cleared of utilities using a combination of hand auger and air-knife to a depth of 6.5 feet bgs and 110% of the boring diameter.

Soil samples were collected for lithologic description and analysis using a spilt-spoon sampler lined with 2-inch diameter by 6-inch long stainless-steel sleeves in hollow stem auger borings. Soil sample analytical data is provided in Table 2.

Soil boring SB-20C was initially advanced using HSA drilling equipment in the City-Right-of-Way on February 23, 2016. During drilling refusal was encounter at approximately 23.5 feet bgs. As described in previous communications with GPP, Stantec reported the refusal to the City of Daly who indicated a storm drain line is present in the street that lines up with borings SB-20, SB-20B, and SB-20C. Stantec selected a new drilling location on private property located north of the Southgate Avenue and the new boring location was designated SB-20D. Soil boring SB-20D was advanced using hollow stem auger drilling equipment to an approximate depth of 131 feet bgs. Sampling was conducted using a California Modified split-spoon sampler fitted with 2-inch diameter by 6-inch long stainless-steel sleeves Down hole drilling equipment was cleaned before advancing each borehole and sampling equipment was cleaned between each sampling interval. Each soil sample was screened for hydrocarbon vapors using a portable photoionization detector (PID). Soil encountered during drilling activities was either logged continuously, or at approximately 5 foot intervals by Stantec field personnel using the Unified Soil Classification System (USCS), and working under the supervision of a licensed California Professional Geologist.

Soil samples were retained and submitted for laboratory analysis as presented in Table 2. Soil samples selected for laboratory analysis were sealed with Teflon® sheets and plastic caps, then labeled and placed on ice in an insulated container for delivery under proper chain-of-custody (COC) documentation to TestAmerica Laboratories Inc. (TestAmerica), a California-licensed laboratory.

After soil samples were collected and the boring was advanced to total depth, the borehole was tremie-grouted to the surface using a ratio of 94 pounds of cement per 6 gallons of water, and patched with concrete to match the surrounding grade.

4.3.1 Soil Boring Soil Sample Analysis

Soil samples collected from SB-20D were analyzed for GRO by Environmental Protection Agency (EPA) Method 8015M; BTEX, MtBE, TBA, DIPE, ETBE, TAME, 1,2-DCA, and EDB, by EPA Method 8260B. Certified laboratory analytical reports are presented as Attachment E.

4.4 GROUNDWATER MONITORING WELL INSTALLATION

4.4.1 Perched Groundwater Monitoring Well

Stantec oversaw NEWP during the installation of well MW-19, in order to assess the perched groundwater zone to the north of the Site. Well MW-19 was installed with a screen interval of 52.5 to 62.5 feet bgs at the location shown in Figures 2 and 3. Soil boring and well construction details are summarized in Table 1 and a soil boring log is presented in Attachment B. Prior to advancing the borehole for soil sampling and well installation, well MW-19 was cleared of utilities using a combination of hand auger and air-knife to a depth of 6.5 feet bgs, and 110% of the boring diameter.

MW-19 was advanced using a drilling rig equipped with 8-inch diameter hollow stem augers. Lithology observed during the advancement and sampling of SB-20D was used to determine the well construction details, and due to the proximity of SB-20D, no soil samples were collected from ground surface to 61.5 feet bgs. A soil sample for lithologic verification and analyses was collected from 62 feet bgs.

MW-19 was constructed using 4-inch diameter schedule 40 polyvinyl chloride (PVC) casing with 0.020" slotted screen set between 52.5 to 62.5 feet bgs. A sand filter pack was placed within the annulus of the well from the bottom of the boring to approximately two feet above the top of the well screen. The annulus of the well was sealed with 3 feet of hydrated bentonite on top of the sand and neat cement grout to surface. The surface was completed with a traffic rated well box to match the surrounding grade.

4.4.1.1 Groundwater Monitoring Well Soil Sample Analysis

The soil sample collected from MW-19 was analyzed for GRO by EPA Method 8015M; BTEX, MtBE, TBA, DIPE, ETBE, TAME, 1,2-DCA, and EDB by EPA Method 8260B. Certified laboratory analytical reports are presented as Attachment E.

4.4.2 Vapor Extraction Well Installation

Stantec oversaw NEWP during the installation of one additional SVE well V-14 to facilitate soil vapor extraction radius of influence feasibility testing in the onsite deep SVE wells screened from 70 to 90 feet bgs (Figures 2 and 3). Soil boring and well construction details are summarized in Table 1 and a soil boring log is presented in Attachment B. Prior to advancing the borehole for soil sampling and well installation, well V-14 was cleared of utilities using a combination of hand auger and air-knife to a depth of 6.5 feet bgs, and 110% of the boring diameter.

V-14 was advanced using a drilling rig equipped with 10-inch diameter hollow stem augers to a depth of 91.5 feet bgs. Soil samples were collected using a California Modified split-spoon sampler fitted with stainless steel sleeves at 10 foot intervals from 10 to 60 feet bgs and at 5 foot intervals from 65 to 90 feet bgs. Soil samples at 66, 76 and 86 feet bgs were retained for laboratory analysis to complement the existing soil sample data from the adjacent borings SB-16 and SB-18. All other samples were collected from V-14 were used for lithologic description and field screening.

Well V-14 was constructed with 4-inch diameter schedule 40 PVC casing, with 0.020" slotted screen set between 70 and 90 feet bgs. A sand filter pack was placed within the annulus of the wells from the bottom of the borings to approximately two feet above the screened interval. The annulus was sealed with 3 feet of hydrated bentonite on top of the sand and neat cement grout to surface. The surface was completed with a traffic rated well box to match the surrounding grade. Following completion of the well on May 12, 2016 (prior to well development), the static water level was measured at 88.68 feet below top of casing.

4.4.2.1 Vapor Extraction Well Soil Sample Analysis

Soil samples from V-14 were analyzed for GRO by EPA Method 8015M; BTEX, MtBE, TBA, DIPE, ETBE, TAME, 1,2-DCA, EDB, Tetrachloroethene (PCE), Trichloroethene (TCE), by EPA Method 8260B. Certified laboratory analytical reports are presented as Attachment E.

4.4.3 Well Development and Sampling

Following installation, wells MW-19 and V-14 were developed on May 20, 2016, by surging the wells over the lengths of the screen intervals and bailing using a surge block and bailer to remove fine-grained sediments for the wells and sand pack. Prior to development, the bentonite seal and neat cement grout were allowed to cure for a period of at least 48 hours. Periodic measurements of pH, conductivity, and temperature were made during development

to establish values for groundwater. A bailer was used recover water and remove sediment from the wells.

During development of V-14, water was logged at 88.68 feet below top of casing and depth to bottom was tagged at 90.30 feet below top of casing. After development, the depth to water in well V-14 was monitored at 90.00 feet below top of casing, leaving 0.3 feet of water in the well. Due to the limited amount of water in well V-14 and low recharge rates, only 4.5 gallons of water was recovered over a 3 hour period and the pH, conductivity, and temperature readings did not stabilize.

During development of MW-19, water was logged at 52.29 feet below top of casing and depth to bottom was tagged at 62.10 feet below top of casing. After development, the depth to water in well MW-19 was monitored at 61.50 feet below top of casing, leaving 0.6 feet of water in the well. Due to the low recharge rates, only 4.0 gallons of water was recovered over a 1.25 hour period.

Well MW-19 and V-14 will be monitored and well MW-19 will be sampled as part of the third quarter 2016 semi-annual monitoring and sampling event. Well development field notes are included in Attachment C.

4.4.4 Well Surveying

Stantec surveyed soil boring SB-20D, groundwater monitoring well MW-19, and vapor extraction well V-14 on May 25, 2016, using NAD 83 (1986) datum to establish geographical location. In addition, wells V-14 and MW-19 were surveyed using NGVD 29 datum for elevation. The survey tied into previous surveys performed at the site, and used at least two existing site features as references. Survey data is presented as Attachment F.

4.5 WASTE HANDLING AND STORAGE

During drilling operations, drilling equipment, sample tubes, sampling tools, and downhole equipment were cleaned prior to use. All rinsate water, purge water, and soil cuttings generated during the drilling operations were placed into properly labeled Department-of-Transportation (DOT) approved 55-gallon drums on site pending characterization and transportation for proper offsite disposal. Drums were picked up by Belshire Environmental Services, Inc. (Belshire) and transported to an approved off-site waste disposal facility. Waste disposal documentation is included in Attachment G.

Waste disposal documentation for the investigation derived waste generated during the assessment activities performed at the site between October 7 and November 6, 2015 is also included in Attachment G.

5.0 RESULTS

5.1 SOIL ANALYTICAL DATA

Soil analytical results from soil boring SB-20D document MtBE is present with concentrations ranging from 0.0075 to 0.036 mg/kg at depths between 69.5 to 131 feet bgs (Table 2). No other analytes were detected above the LRLs in soil samples collected from boring SB-20D. Soil samples were not analyzed from boring SB-20C, due to refusal encountered during attempts at advancement beyond 23 feet bgs.

Soil analytical results from MW-19 did not show any detections above the LRLs in the soil sample collected from 62 feet bgs, which is consistent with the soil data from SB-20D, this includes PCE and TCE (Table 3).

Soil analytical results from the vapor extraction well V-14 document MtBE is present with concentrations ranging from 0.21 to 2.7 mg/kg at depths between 76 and 86 feet bgs (Table 2). TBA was present at a concentration of 1.2 mg/kg in the soil sample from 86 feet bgs. No other analytes were detected above the LRLs in soil samples collected from well V-14.

Soil analytical data is presented in Table 2, and certified laboratory analytical reports are presented as Attachment E.

6.0 DISCUSSION OF FINDINGS

6.1 HYDROCARBON CONCENTRATIONS IN SHALLOW SOIL

As previously reported in Stantec's *Additional Assessment Report and Site Conceptual Model* dated February 25, 2015, results from hand auger borings HA-1 through HA-3 and shallow soil samples collected during the advancement of soil borings and monitoring wells indicate that hydrocarbons are generally non-detect above depths of 10 feet bgs, in shallow soil. All soil samples collected above 10 feet bgs during early 2015 assessment activities were either non-detect or below California Regional Water Quality Control Board - Residential Environmental Screening Levels (ESLs) for shallow soil. These results indicate that the area of the former fuel dispensers and product lines complies with the direct contact criteria of the Low Threat Closure Policy (LTCP) for BTEX, GRO, and MtBE.

Recent assessment work in the area of the used oil tank identified elevated concentrations of GRO and Oil Range Organics (ORO) between three and five feet bgs. The concentration of benzene, ethylbenzene, and naphthalene in the shallow soil samples collected from SB-21 and SB-22 located adjacent to the used oil tank are below the LRLs and below the LTCP Soil Screening Levels for commercial/industrial receptors (Tables 2 and 3).

6.2 DISTRIBUTION OF MTBE IN SOIL

6.2.1 Lateral Distribution of MtBE in Soil

The lateral distribution of MtBE in soil is illustrated on three isoconcentration maps:

- Figure 9, MtBE in soil from 50 to 60 feet bgs (at or above the perched water zone. With the new soil data from SB-20D, the northern extent of MtBE in soil from 50 to 60 feet bgs is now defined.

- Figure 10, MtBE in soil from 70 to 89 feet bgs (below the shallow perched water zone). Only the northern extent of MtBE in soil from 70 to 89 feet bgs is not defined. The MtBE appears to have migrated north of the site and attenuated laterally as evidenced by the lower MtBE concentrations report in SB-20C verses the concentrations reported in SB-17. Higher concentrations of MtBE were reported in onsite boring SB-15 and SB-16 located offsite.

- Figure 11, MtBE in soil from 90 to 110 feet bgs (below the shallow perched water zone). The northern and west-northwest extent of MtBE in soil from 90 to 110 feet bgs is not defined. Based on the presence of MtBE in boring SB-16 at 100 feet bgs, the MtBE appears to have migrated west-northwest as it moved downwards. The MtBE concentrations attenuate both laterally and vertically as they migrate from the source

area. The concentration of MtBE in boring SB-16 declined from 13 mg/kg at 71 feet bgs to 1.3 mg/kg at 90 feet bgs. The concentration of MtBE in the soil sample collected from SB-16 at 130 feet was below the LRL.

TBA is generally encountered in the same intervals as MtBE, and appears to evidence that MtBE is being degraded via aerobic biodegradation. The highest concentration of MtBE reported in soil samples collected since December 2014 of 49 mg/kg, was reported in the soil sample collected from V-11 in moist clayey sand at 63 feet bgs. Under the western portion of the site, MtBE remains in the lower permeability silty sand and clayey sand at approximately 60 feet bgs (Figure 10).

Based on comparison of the 2015 MtBE soil data with the pre-remediation soil data, it appears that operation of the SVE remediation system has recovered a large portion of the MtBE mass from 10 to 60 feet bgs. Specifically, comparison of the MtBE soil data from MW-10, which was installed in 2011 (prior to SVE system startup), with the soil data from SB-15, shows the MtBE concentrations present in MW-10 between 10 to 50 feet bgs were non-detect for MtBE between 10 and 50 feet bgs. Similar results were achieved when comparing SB-2 and MW-15, which are approximately 5 feet apart. The table below demonstrates the comparison between MtBE soil data collected before and after SVE remediation was implemented. The reduction of MtBE soil concentrations are also illustrated by comparison of the pre-remediation MtBE concentration map (Figure 12) with the current MtBE soil isoconcentration maps are presented in Figures 9, 10, and 11.

MW-10 (6/30/11)		**SB-2** (7/18/05)		**MW-15** (12/17/14)		**SB-15** (12/9/14)		**V-11** (12/12/14)	
Depth (ft bgs)	MtBE (mg/kg)	Depth (ft bgs)	MtBE (mg/kg)	Depth (ft bgs)	MtBE (mg/kg)	Depth (ft bgs)	MtBE (mg/kg)	Depth (ft bgs)	MtBE (mg/kg)
10	**0.14**	10.5	<0.099	10	<0.0050	10	<0.0050	10	<0.0049
20	**5.3**	20.5	<0.097	20	<0.0050	20	<0.0050	20	<0.0050
30	**31**	30.5	**3.1**	30	<0.0050	30	**0.0090**	30	<0.0048
40	**12**	40.5	**5.0**	40	<0.0050	40	<0.0049	40	<0.0050
50	**76**	50.5	**3.9**	50	**0.065**	50	**0.015**	50	<0.0047

6.2.2 Vertical Distribution of MtBE in Soil

Referring to Figure 12, soil sample results from SB-15, SB-16, and SB-18 document the vertical limit of MtBE in soil at the site. The 0.0067 mg/kg MtBE reported in the soil sample collected from SB-15 was collected at 160 feet bgs, below the regional groundwater surface. Soil samples collected from SB-11, SB-17, and SB-20D at depths ranging from 120 and 131 feet bgs contain concentrations of MtBE slightly above the LRLs. The concentration of MtBE in borings SB-11 and SB-17 attenuates with depth by 2 to 3 orders of magnitude.

6.3 DISTRIBUTION OF MTBE IN GROUNDWATER

6.3.1 Shallow Perched Water Zone

As shown on the First Quarter 2016 Dissolved MtBE Isoconcentration Map presented as Figure 8, the lateral extent of MtBE dissolved in groundwater in the shallow perched water zone is now defined to the west, northeast, east, southeast, and south of the dispenser island source areas.

Since groundwater is not present in MW-11 or in MW-11R, Stantec cannot strictly say the lateral extent MtBE dissolved in groundwater within the shallow perched water zone is defined. Although the maximum MtBE concentration reported in the soil sample collected from MW-11 in 2001 was 0.17 mg/kg, operation of the shallow SVE system is expected to be effective in recovery of MtBE mass in the soil. It should also be noted that soil samples collected from MW-10 contained 76 mg/kg MtBE at 50 feet bgs, documenting lateral attenuation of MtBE in soil toward the southwest.

Due to the 790 µg/L MtBE reported in the grab groundwater sample collected from SB-17, the northern extent of MtBE dissolved in groundwater is not defined. Well MW-19 was sampled as part of the third quarter 2016 groundwater sampling event on July 25, 2016. The data, not yet reported, documents MtBE is present in well MW-19 at a concentration of 0.51 ug/L. The data will be presented in the forthcoming semi-annual groundwater monitoring report. With the exception of well MW-4, the concentration of MtBE present in the shallow perched water zone continues to decline (Figure 8, Table 8,). It should be noted the concentration of MtBE reported in well MW-4 prior to running the SVE system was as high as 15,000 µg/L in October 2011.

6.3.2 Regional Groundwater

The regional groundwater aquifer is unconfined and present at approximately 145 to 150 feet bgs. Referring to Table 8, groundwater samples collected from well MW-4D after installation were initially reported with a concentration of 1.9 µg/L. However, subsequent sampling indicates the concentrations of all analyzed constituents are below the LRLs.

6.4 ASSESSMENT DATA GAPS AND CONCLUSIONS

Based on the foregoing data, the following data gaps exist at the site:

- The lateral extent of MtBE in soil north of SB-20D at concentrations ranging from 0.036 to 0.0075 mg/kg from 67 to 131 feet bgs (Figure 10).
- The lateral extent of MtBE in soil west-northwest of SB-18 at concentrations ranging from 0.36 to 0.0060 mg/kg from 100 to 120 feet bgs.
- MtBE in soil has been vertically delineated at depths of 120 to 130 feet bgs at concentrations of <0.0050 mg/kg in borings SB-15, SB-16, SB-18 at 130 feet bgs, and SB-19.

Low MtBE concentrations are present at depths of 120 to131 feet bgs in SB-11 at 0.0091 mg/kg, SB-17 at 0.0050 mg/kg, SB-20D at 0.0075 mg/kg, and in V-11 at 0.018 mg/kg.

Although the lateral extent of MtBE west-northwest of SB-18 and SB-20D is not defined, additional assessment is not recommended for the following reasons:

- The concentration of MtBE in soil attenuates as it migrates laterally toward the north-northwest. The maximum concentration of MtBE present in SB-18 is 0.36 mg/kg at 100 feet bgs, an order of magnitude less than the maximum MtBE concentration of 2.3 mg/kg reported in SB-16 located 60 feet away.

- The concentration of MtBE reported in groundwater samples collected from wells MW-4D, MW-5D, MW-6D, and MW-7D, completed in the reginal groundwater at 145 feet bgs, are below the LRL.

- Operating the SVE system using the newly installed SVE wells completed from 70 to 90 feet bgs will recover MtBE from the formation underlying the shallow perched water zone. Additional details related to soil vapor extraction test are presented in Section 7.0 of this report.

7.0 DEEP REMEDIATION WELL PILOT TESTING

Deep vapor extraction well pilot testing was conducted on July 14 and 15, 2016. Pilot testing consisted of a step test, a radius of influence (ROI) test, and sample collection to estimate potential MtBE mass removal rates. Tabulated results, ROI plots, field data sheets, and laboratory reports are provided as Attachment H.

7.1 SYSTEM DESCRIPTION

A 25 horsepower TECO positive displacement blower is used to extract soil vapor from the subsurface via 13 onsite shallow screened vapor extraction wells (V-1, V-2, V-4 through V-10, MW-1, MW-2, MW-5, and MW-10) and three onsite deep screened vapor extraction wells (V-11 V-12, and V-13). The vapors are abated with a 250 standard cubic feet per minute (scfm) Catalytic Combustion VGTO 250 natural gas fired thermal/catalytic oxidizer. The oxidizer operates in accordance with permit to operate number 20770 issued by the Bay Area Air Quality Management District (BAAQMD) on June 8, 2016.

7.2 DEEP VAPOR EXTRACTION WELL INSTALLATION

Deep vapor extraction wells V-11 through V-14 were installed on December 14, 2014, October 15, 2015, October 13, 2015, and May 9, 2016, respectively (Figure 3). All deep vapor extraction wells are screened from 70 to 90 feet bgs.

Onsite deep vapor extraction wells V-11 through V-13 were connected to the SVE system between April 11 and 14, 2016. Offsite well V-14 was installed for use as an SVE test observation well for horizontal ROI testing and is not connected to the SVE system. Prior to the starting the test

7.3 DEEP VAPOR EXTRACTION WELL TESTS

7.3.1 Feasibility Test – April 17, 2015

A feasibility test was performed using deep extraction well V-11 on April 17, 2015 to determine if extraction from the deep zone was technically possible and to estimate the MtBE mass removal rate that could be expected during full scale operation. Test results indicated that removal of MtBE impacts in the deep zone could be achieved via SVE at a rate of approximately 10.1 lbs/day. Consequently two additional deep screened vapor extraction wells (V-12 and V-13) were installed at the site.

7.3.2 Initial Pilot Test – October 27, 2015

A pilot test was conducted on October 27, 2015 following the installation of deep extraction wells V-12 and V-13. Deep extraction well V-11 was connected to the SVE system via two-inch diameter above ground tubing and used as an extraction well for pilot testing purposes. All other extraction wells were closed off to the system so that soil vapors were extracted exclusively from well V-11. Applied vacuums, flow rates, and FID measurements were taken periodically during the three and a half hour long test to monitor system performance. Influent vapor samples were collected and submitted for laboratory analysis for confirmation of MtBE recovery. Deep extraction wells V-12 and V-13 were used as observation wells for horizontal ROI testing.

MtBE was recovered during the pilot test supporting the findings from the feasibility test, however mass removal rates observed during the pilot test decreased to 0.8 lbs/day. Due to the nearly equidistant spacing of deep observation wells V-12 and V-13 from extraction well V-11, an effective ROI could not be confidently determined. Consequently, an additional deep observation well (V-14) was installed offsite at approximately double the distance to V-11.

7.3.3 Additional Pilot Test – July 14 and 15, 2016

7.3.3.1 Step Testing

A step test was conducted on July 14, 2016 to evaluate the relationship between applied vacuum and extracted vapor flow rate.

A vacuum of approximately two inches of Mercury (inHg), measured at the system, was applied to extraction well V-11. After the vacuum at the wellhead stabilized, flow rates at the system were measured at 10 minute intervals for one hour. The applied vacuum was then stepped up by approximately two inHg and the process repeated. Step test results are presented in Attachment H.

In total four steps consisting of an applied vacuum of two, four, six, and eight inHg were conducted. As shown on the V-11 Step Test Plot (Attachment H), a relatively linear relationship exists between the applied vacuum and the extracted flow rate, indicating that the system could operate at up to eight inHg vacuum and not experience significant reduction in flow due to constriction of the well screen from lithology. Eight inHg appears to be an upper limit for this linear relationship and so was used as the starting point for the subsequent ROI test because it generated the greatest flow.

7.3.3.2 Radius of Influence Testing

A deep well ROI test was conducted on July 15, 2016 to estimate the effectiveness of the SVE system in the deep extraction wells. The ROI test utilized V-11 as the extraction well and wells V-12, V-13, and V-14 as observation wells. Well V-12, V-13, and V-14 are spaced approximately 41 feet, 37 feet, and 89 feet from extraction well V-11, respectively.

Test Setup

All extraction wells were isolated from the system at the manifold with the exception of extraction well V-11. The wellheads of the extraction well and each observation well were fit with sampling ports to allow for the collection of applied vacuum and induced vacuum, respectively. Background vacuums were measured within each observation well prior to initiating the test. Redundant induced vacuum measurements were collected for confirmation purposes via data logging transducers installed within each observation well. A fourth pressure transducer was left at the surface to record changes in atmospheric pressure during the test.

System Operation

The deep well ROI test was conducted between 9:00 AM and 5:00 PM. The system shut down for unknown reasons at 9:41 AM and was restarted at 10:21 AM. The system shut down again at 10:24 AM and was restarted at 10:45 AM; there were no other interruptions to system operation during the remainder of the test.

Test Results

An applied vacuum of between eight and nine inHg, measured at the system, was used to conduct the test. This resulted in an applied vacuum of approximately 40 to 60 inches of water (inH_2O) at the extraction wellhead. As shown on the vacuum vs time plots (Attachment H), induced vacuums in the observation wells were observed to steadily and continuously increase over the test period.

At the end of the test, induced vacuums in observation wells V-12 and V-13 (located 41 and 37 feet from the extraction well, respectively) were measured to be approximately 50% of the applied vacuum; the induced vacuum in observation well V-14 (located 89 feet from the extraction well) was measured to be approximately 25% of the applied vacuum.

ROI Determination

The USEPA suggests that 0.1 inH_2O induced vacuum is the minimum vacuum necessary to adequately enhance volatilization and extraction of impacts to soil (USEPA, 2004). The US Army Core of Engineers further states that 0.1 inH_2O induced vacuum is 'the value often adopted by ROI practitioners as indicative of significant vacuum' (USACE, 2002). For ROI determination during this pilot test, a conservative induced vacuum value of 1.0 inH_2O was used to estimate the deep well ROI.

To observe the change in ROI over time, a trend line was fit to a plot of vacuums vs distance at approximately 100 minute intervals. To determine the final ROI, a trend line was fit to a plot of vacuum vs distance for the vacuum measurements obtained at the end of the test. This trend line was used to interpolate the radial distance an induced vacuum corresponding to 1.0 inH_2O would be measured. Using this method, an estimated maximum deep well ROI of 265 feet was produced. ROI plots are provided in Attachment H.

Effective ROI

Although the maximum horizontal ROI is estimated to be approximately 265 feet, this does not represent the radius of effective air exchange. The USEPA suggest that one pore volume of soil vapor should be extracted per day for effective remedial progress (USEPA, 2004). Based on the step test and historic system operation, the minimum vapor extraction flow rate during continuous operation is anticipated to be approximately 100 scfm. At this extraction rate and with a ROI of 265 feet, one pore volume exchange would take place every 7.66 days.

Using one pore volume exchange per day as a guideline, the radius of effective air exchange is approximately 96 feet.

Well ID	Height	Radius	V - Total Volume	*e* - Porosity	*e*V - Pore Volume	Q - Flow Rate		E - Pore Volume Exchange Time				
	(ft)	(ft)	(CF)	(%)	(CF)	(SCFM)	CF/year	(Mins)	(Hrs)	(Days)	PV/Day	PV/Year
V-11	20.0	265.0	4,412,367	25%	1,103,092	100.0	52,560,000	11,031	183.8	7.66	0.13	48
V-11	20.0	96.0	579,058	25%	144,765	100.0	52,560,000	1,448	24.1	1.01	0.99	363

$$E = \frac{eV}{Q}$$

E = Pore Volume exchange time
V = Volume of soil to be treated (cubic feet [CF])
e = soil porosity (25% for sand)
Q = Total vapor extraction flowrate (scfm)

The ROI of 265 feet represents the greatest distance from the extraction well that an induced vacuum of 1.0 inH_2O would be present. The radius of effective air exchange of 96 feet represents the greatest distance from the extraction well that soil vapor (and contaminants) can be removed during a single day of operation. The 96 foot radius of effective air exchange is the effective ROI for remediation purposes.

7.3.3.3 MtBE Mass Removal Estimation

To determine the concentration of MtBE in extracted soil vapor and allow for the estimation of MTBE mass removal rates during continuous operation, influent and effluent vapor samples were collected approximately halfway through the ROI test and submitted for laboratory analysis. Samples were analyzed for the presence of GRO by EPA method TO-3M and BTEX, MTBE, and (influent) PCE by EPA method TO-15M. BTEX and PCE were reported as non-detect in the influent sample. The results of the MTBE analysis are summarized below.

V-11 Applied Vacuum at Manifold	V-11 Applied Vacuum at Wellhead	V-11 Flow Rate at Manifold	V-11 FID at Manifold	Laboratory Reported Influent Concentration of MtBE	Estimated MTBE Mass Removal Rate from V-11
8.63 inHg	3.87 inHg	129 CFM (92.1 SCFM)	47 ppm	52 ppmv	1.69 lbs/day

InHg = inches of mercury
ppm= parts per million
lbs/day = pounds per day
(S)CFM = (standard) cubic feet per minute
MTBE = Methyl tertiary butyl ether
ppmv = parts per million by volume

7.4 PILOT TEST CONCLUSIONS AND RECOMMENDATIONS

Based on the results of the additional pilot test conducted on July 15th and 16th on deep screened vapor extraction well V-11 the following conclusions can be made:

- A relatively linear relationship exists between applied vacuum and resultant extraction flow rate over the range of applied vacuums tested (two to eight inHg) with eight inHg appearing to be the limit for this relationship.
- An applied vacuum of approximately 8.23 inHg resulted in an extraction flow rate of approximately 127.5 cfm (93.3 scfm).
- The estimated maximum ROI for V-11 is approximately 265 feet. This is based on induced vacuum interpolation and is the greatest distance from the extraction well that an induced vacuum of 1.0 inH_2O would be measured.
- The estimated maximum radius of effective air exchange for V-11 is approximately 96 feet. This is based on one pore volume exchange per day per well.
- Assuming an effective radius of 96 feet for all deep extraction wells, the combined ROI of V-11 through V-13 will reach SB-18 to the west, SB-4 to the north, MW-7 and MW-17 to the east, and past MW-6D to the south (Figure 13A).
- The inclusion of additional deep screened vapor wells or the connection of V-14 to the system does not appear necessary at this time (Figure 13B).
- MtBE was recovered during the feasibility test and during both pilot tests. Operation of the SVE system on the deep screened wells will result in MtBE mass removal from soils between 70 and 90 feet bgs.
- PCE was not detected in the influent vapor stream.

- The SVE system should be restarted for continuous operation on deep screened extraction wells V-11 through V-13.

- During operation of the SVE system, Stantec recommends collecting induced vacuum readings from the four deep groundwater monitoring wells MW-4D, MW-5D, MW-6D, and MW-7D. Well MW-5D is located approximately 20 to 30 feet way from the deep extraction wells and MW-4D is located approximately 55 to 75 feet away from the deep extraction wells. The deep monitoring wells are screen from 140 to 160 feet bgs and groundwater is present in the wells at an approximate depth of 145 feet bgs. If induced vacuum readings are reported in the deep wells that result in 1% of the applied vacuum, the existing SVE wells screen from 70-90 feet bgs may be able to recover MtBE mass present from 90 to 140 feet bgs at the site.

- Until the SVE vertical vacuum influence test can be completed using the deep groundwater monitoring wells, inclusion of additional deep screened vapor wells or the connection of V-14 to the remediation system does not appear necessary at this time (Figure 13B).

8.0 CONCLUSIONS AND RECOMMENDATIONS

Based on the updated assessment data, the following data gaps exist at the site:

- The lateral extent of MtBE in soil north of SB-20D at concentrations ranging from 0.036 to 0.0075 mg/kg from 67 to 131 feet bgs (Figure 10).
- The lateral extent of MtBE in soil west-northwest of SB-18 at concentrations ranging from 0.36 to 0.0060 mg/kg from 100 to 120 feet bgs.
- MtBE in soil has been vertically delineated at depths of 120 to 130 feet bgs at concentrations of <0.0050 mg/kg in borings SB-15, SB-16, SB-18 at 130 feet bgs, and SB-19. Low MtBE concentrations are present at depths of 120 to131 feet bgs in SB-11 at 0.0091 mg/kg, SB-17 at 0.0050 mg/kg, SB-20D at 0.0075 mg/kg, and in V-11 at 0.018 mg/kg.

Although the lateral extent of MtBE west-northwest of SB-18 and SB-20D is not defined, additional assessment is not recommended for the following reasons:

- The concentration of MtBE in soil attenuates as it migrates laterally toward the north-northwest. The maximum concentration of MtBE present in SB-18 is 0.36 mg/kg at 100 feet bgs, an order of magnitude less than the maximum MtBE concentration of 2.3 mg/kg reported in SB-16 located 60 feet away.
- The concentration of MtBE reported in groundwater samples collected from wells MW-4D, MW-5D, MW-6D, and MW-7D, completed in the reginal groundwater at 145 feet bgs, are below the LRLs.
- Operating the SVE system using the newly installed SVE wells completed from 70 to 90 feet bgs will recover MtBE from the formation underlying the shallow perched water zone.

Based on the results of the additional pilot test conducted on July 15th and 16th, 2016 on deep screened vapor extraction well V-11 the following conclusions can be made:

- The estimated maximum radius of effective air exchange for V-11 is approximately 96 feet. This is based on one pore volume exchange per day per well.
- Assuming an effective radius of 96 feet for all deep extraction wells, the combined ROI of V-11 through V-13 will reach SB-18 to the west, SB-20D/MW-19 to the north, MW-7 and MW-17 to the east, and past MW-6D to the south (Figure 13A and Figure 10).

- MtBE was recovered during the feasibility test and during both pilot tests. Operation of the SVE system on the deep screened wells will result in MtBE mass removal from soil between 70 and 90 feet bgs.

- The SVE system should be restarted for continuous operation on deep screened extraction wells V-11 through V-13.

- During operation of the SVE system, Stantec recommends collecting induced vacuum readings from the four deep groundwater monitoring wells MW-4D, MW-5D, MW-6D, and MW-7D. The deep monitoring wells are screen from 140 to 160 feet bgs and groundwater is present in the wells at an approximate depth of 145 feet bgs. If induced vacuum readings are reported in the deep wells that result in 1% of the applied vacuum, the existing SVE wells screen from 70-90 feet bgs may be able to recover MtBE mass present from 90 to 140 feet bgs at the site.

- Until the SVE vertical vacuum influence test can be completed using the deep groundwater monitoring wells, inclusion of additional deep screened vapor wells or the connection of V-14 to the remediation system does not appear necessary at this time (Figure 13B).

9.0 LIMITATIONS AND CERTIFICATION

This report was prepared in accordance with the scope of work outlined in Stantec's contract and with generally accepted professional engineering and environmental consulting practices existing at the time this report was prepared and applicable to the location of the site. It was prepared for the exclusive use of Atlantic Richfield Company, a BP affiliated company, for the express purpose stated above. Any re-use of this report for a different purpose or by others not identified above shall be at the user's sole risk without liability to Stantec. To the extent that this report is based on information provided to Stantec by third parties, Stantec may have made efforts to verify this third party information, but Stantec cannot guarantee the completeness or accuracy of this information. The opinions expressed and data collected are based on the conditions of the site existing at the time of the field investigation. No other warranties, expressed or implied are made by Stantec.

Prepared by:

Patrick Herrmann
Associate Scientist

Reviewed by:

Brice Hendricks
Senior Scientist

Information, conclusions, and recommendations provided by Stantec in this document regarding the site have been prepared under the supervision of and reviewed by the licensed professional whose signature appears below.

Licensed approvers:

Jaff Auchterlonie, P.G.
Principal Geologist

PROFESSIONAL GEOLOGIST
JAFFREY S. AUCHTERLONIE
11.30.16
NO. 7816
STATE OF CALIFORNIA

Adrian Pérez, P.E.
Senior Engineer

REGISTERED PROFESSIONAL ENGINEER
ADRIAN PEREZ
C66152
EXP. 06-30-18
CIVIL
STATE OF CALIFORNIA

cc: Mr. Paul Supple, Atlantic Richfield Company (electronic copy uploaded to Enfos)

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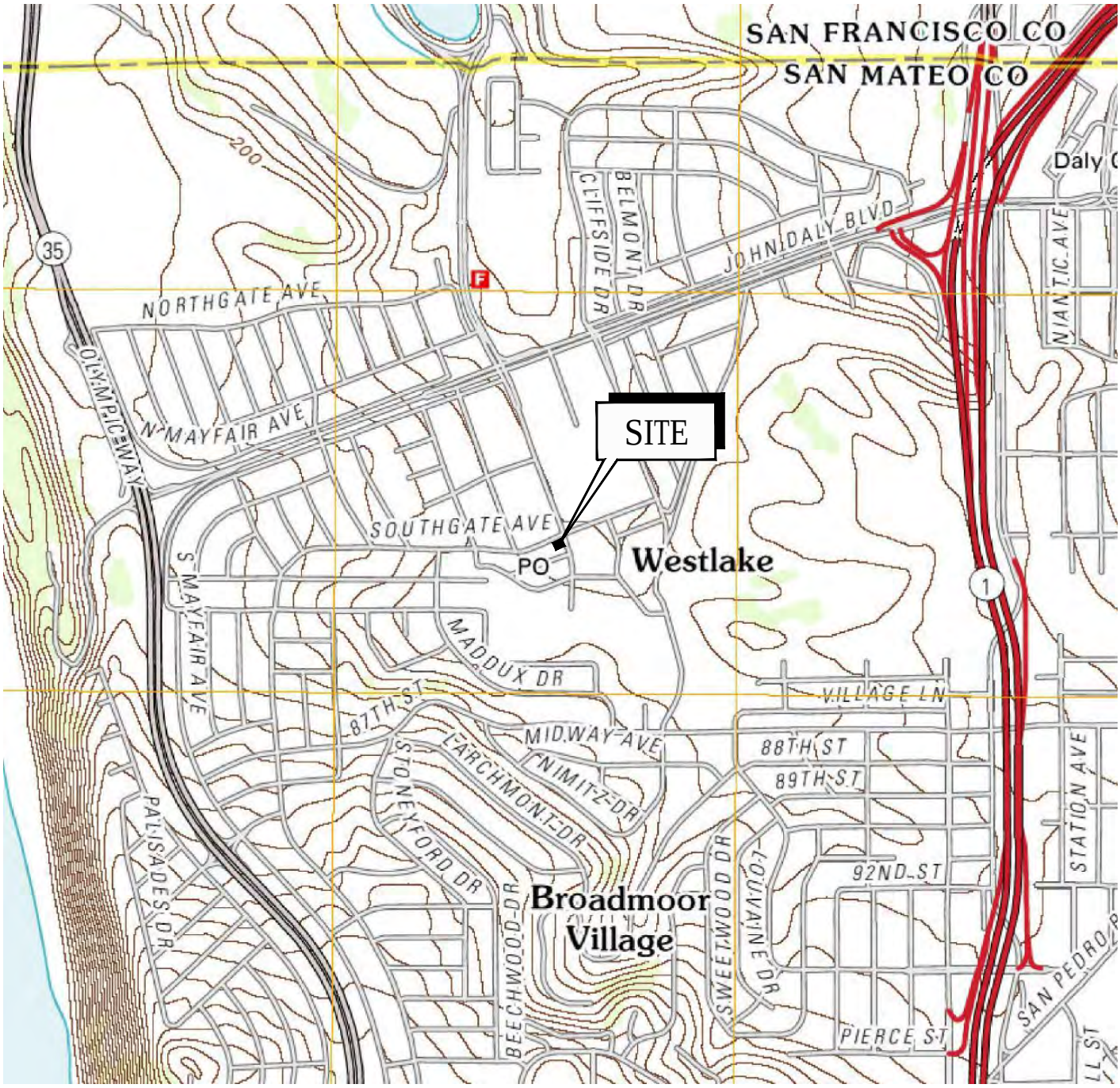
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Figures



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Stantec
3017 Kilgore Road, Suite 100
Rancho Cordova, CA 95670
PHONE: (916)384-0704 FAX: (916)861-0430

FOR:		FIGURE:
ARCO SERVICE STATION NO. 0465 151 SOUTHGATE AVENUE DALY CITY, CALIFORNIA	SITE LOCATION MAP	1

JOB NUMBER:	DRAWN BY:	CHECKED BY:	APPROVED BY:	DATE:
211611098	JRO	YP/PH	BH	11/16/15

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Well ID	Screen Interval (ft bgs)
MW-1	50.0 - 70.5
MW-1R	40.0 - 60.0
MW-2	51.0 - 61.5
MW-3D	205.0 - 220.0
MW-4	31.5 - 61.5
MW-4D	140.0 - 160.0
MW-5	40.0 - 60.0
MW-5D	144.0 - 164.0
MW-6	38.0 - 60.0
MW-6D	146.0 - 166.0
MW-7	45.0 - 60.0
MW-7D	140.0 - 160.0
MW-8	41.0 - 56.0
MW-9	39.0 - 49.0
MW-10	40.0 - 60.0
MW-11	30.0 - 50.0
MW11R	50.0 - 65.0
MW-12	39.0- 58.0
MW-13	17.0 - 32.0
MW-14	38.0 - 58.0
MW-15	39.0 - 58.5
MW-16	52.5 - 62.5
MW-17	48.0 - 58.0
MW-18	54.5 - 64.5
MW-19	52.5 - 62.5
V-1	15.0 - 30.5
V-2	15.0 - 30.5
V-3	15.0 - 30.5
V-4	15.0 - 35.5
V-5	15.0 - 35.5
V-6	37.0 - 57.5
V-7	20.0 - 40.0
V-8	31.5 - 61.5
V-9	20.0 - 40.0
V-10	15.5 - 35.5
V-11	70.0 - 90.0
V-12	70.0 - 90.0
V-13	70.0 - 90.0
V-14	70.0 - 90.0
SV-1S	5.0 - 5.5
SV-1D	9.0 - 10.0

(ft bgs) FEET BELOW GROUND SURFACE

LEGEND:

- GROUNDWATER MONITORING WELL
- GROUNDWATER MONITORING WELL (DEEP)
- VAPOR EXTRACTION WELL
- DESTROYED VAPOR EXTRACTION WELL
- ABANDONED/DESTROYED GROUNDWATER MONITORING WELL
- EXCAVATION AREA CONDUCTED SEPTEMBER 2000
- EXCAVATION AREA CONDUCTED MARCH 1999
- EXCAVATION AREA CONDUCTED OCTOBER 1997
- EXISTING UNDERGROUND SYSTEM CONVEYANCE PIPING AND TRENCHING

SOUTHGATE AVE.

LAKE MERCED BLVD.

RESIDENTIAL AREA

PARKING

BUS STOP

MW-19

MW-9

MW-8

MW-7

MW-4

MW-4D

MW-2

EXISTING USTs

DRIVEWAY

SIDEWALK

V-9

V-3

MW-15

V-12

MW-16

MW-6

MW-13

V-14

V-13

MW-5D

V-4

MW-1R

MW-1

V-2

FORMER USTs

MW-18

MW-14

MW-7D

V-10

DISPENSER ISLANDS

V-8

V-11

CANOPY

V-1

V-6

MW-10

MW-17

V-5

MW-5

TREATMENT COMPOUND FENCING

OFFICE

MW-3D

V-7

1-STORY WOOD FRAME COMMERCIAL BUILDING

NO 151 SOUTHGATE AVE

1-STORY METAL SERVICE STATION

WASTE OIL UST

"ARCO STATION" (NO 00465)

(4-SERVICE BAYS)

STORAGE

TRASH ENCLOSURE

MW-12

FORMER SOUTHGATE CLEANERS

MW-11/ MW-11D

MW-11R

MW-6D

WOOD AWNING

ALLEY / PARKING

PATCHED ASPHALT PAVEMENT

GARAGE ENTRANCE

CONC

REFERENCE : THIS FIGURE IS BASED ON PRELIMINARY IMPROVEMENT PLANS PROVIDED BY BKF ENGINEERS DATED JULY 26, 2007. UTILITY LAYOUT AND ORIENTATION ARE BASED ON VARIOUS COUNTY DRAWINGS AS WELL AS FIELD VERIFICATION AND ARE APPROXIMATE. SELECTIVE SAMPLE SURVEY CONDUCTED BY STANTEC PERSONNEL ON OCTOBER 27, 2011, FEBRUARY 2015, AND NOVEMBER 2, 2015.

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3875 Atherton Road
Rocklin, CA 95756
PHONE: (916)773-8100 FAX: (916)773-8448

FOR:
ARCO
SERVICE STATION NO. 0465
151 SOUTHGATE AVENUE
DALY CITY, CALIFORNIA

SITE PLAN

FIGURE: 2

JOB NUMBER:	DRAWN BY:	CHECKED BY:	APPROVED BY:	DATE:
211611098	JRO	PH/JA	BH	08/15/16

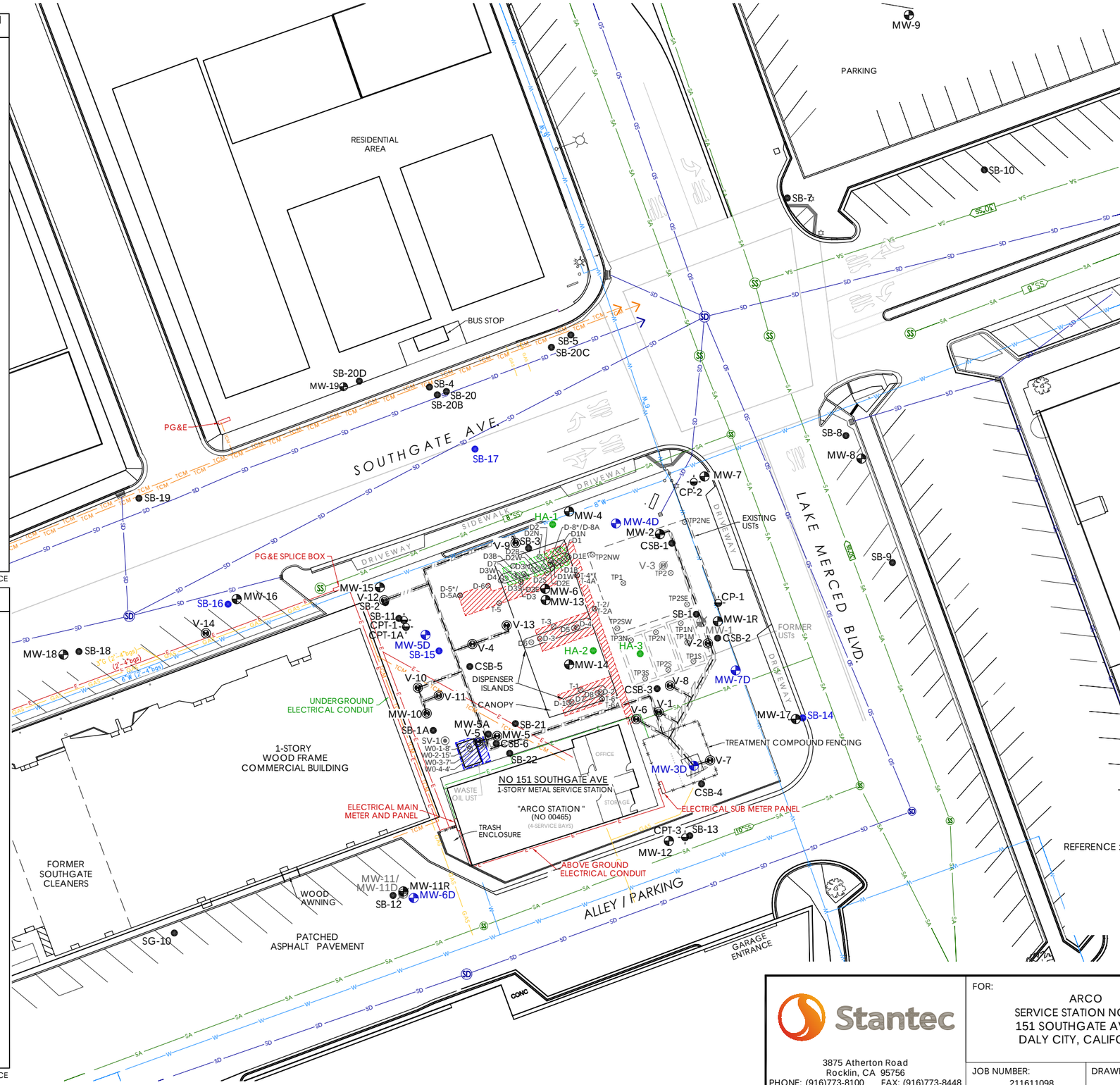
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Well ID	Screen Interval (ft bgs)
MW-1	50.0 - 70.5
MW-1R	40.0 - 60.0
MW-2	51.0 - 61.5
MW-3D	205.0 - 220.0
MW-4	31.5 - 61.5
MW-4D	140.0 - 160.0
MW-5	40.0 - 60.0
MW-5D	144.0 - 164.0
MW-6	38.0 - 60.0
MW-6D	146.0 - 166.0
MW-7	45.0 - 60.0
MW-7D	140.0 - 160.0
MW-8	41.0 - 56.0
MW-9	39.0 - 49.0
MW-10	40.0 - 60.0
MW-11	30.0 - 50.0
MW11R	50.0 - 65.0
MW-12	39.0- 58.0
MW-13	17.0 - 32.0
MW-14	38.0 - 58.0
MW-15	39.0 - 58.5
MW-16	52.5 - 62.5
MW-17	48.0 - 58.0
MW-18	54.5 - 64.5
MW-19	52.5 - 62.5
V-1	15.0 - 30.5
V-2	15.0 - 30.5
V-3	15.0 - 30.5
V-4	15.0 - 35.5
V-5	15.0 - 35.5
V-6	37.0 - 57.5
V-7	20.0 - 40.0
V-8	31.5 - 61.5
V-9	20.0 - 40.0
V-10	15.5 - 35.5
V-11	70.0 - 90.0
V-12	70.0 - 90.0
V-13	70.0 - 90.0
V-14	70.0 - 90.0
SV-1S	5.0 - 5.5
SV-1D	9.0 - 10.0

(ft bgs) FEET BELOW GROUND SURFACE

Well ID	DEPTH (ft bgs)
SB-1	57.0
SB-1A	71.5
SB-2	71.5
SB-3	81.5
SB-4	55.0
SB-5	50.0
SB-7	60.0
SB-8	75.0
SB-9	60.0
SB-10	50.0
SB-11	120.0
SB-12	100.0
SB-13	100.0
SB-14	130.0
SB-15	180.5
SB-16	133.0
SB-17	130.0
SB-18	130.0
SB-19	130.0
SB-20	23.5
SB-20B	23.5
SB-20C	20.0
SB-20D	131.0
SB-21	40.0
SB-22	35.0
MW-5A	85.0
CSB-1	30.5
CSB-2	30.5
CSB-3	31.5
CSB-4	55.5
CSB-5	30.5
CSB-6	55.5
HA-1	5.0
HA-2	5.0
HA-3	5.0

(ft bgs) FEET BELOW GROUND SURFACE



LEGEND:

- GROUNDWATER MONITORING WELL
- GROUNDWATER MONITORING WELL (DEEP)
- ATTEMPTED CPT BORING
- VAPOR EXTRACTION WELL
- DESTROYED VAPOR EXTRACTION WELL
- ABANDONED/DESTROYED GROUNDWATER MONITORING WELL
- SOIL BORING (SHALLOW)
- SOIL BORING (MID)
- SOIL BORING (DEEP)
- SOIL VAPOR PROBE
- EXCAVATION SAMPLING POINT
- EXCAVATION AREA CONDUCTED SEPTEMBER 2000
- EXCAVATION AREA CONDUCTED MARCH 1999
- EXCAVATION AREA CONDUCTED OCTOBER 1997
- EXISTING UNDERGROUND SYSTEM CONVEYANCE PIPING AND TRENCHING
- SD — STORM DRAIN LINE
- SA — SANITARY SEWER LINE
- W — WATER LINE
- E — ELECTRIC LINE
- E — EXISTING UNDERGROUND ELECTRIC LINE
- GAS — EXISTING UNDERGROUND NATURAL GAS LINE
- TCM — EXISTING TELECOMMUNICATION LINE

REFERENCE : THIS FIGURE IS BASED ON PRELIMINARY IMPROVEMENT PLANS PROVIDED BY BKF ENGINEERS DATED JULY 26, 2007. UTILITY LAYOUT AND ORIENTATION ARE BASED ON VARIOUS COUNTY DRAWINGS AS WELL AS FIELD VERIFICATION AND ARE APPROXIMATE. SELECTIVE SAMPLE SURVEY CONDUCTED BY STANTEC PERSONNEL ON OCTOBER 27, 2011, FEBRUARY 2015, AND NOVEMBER 2, 2015.

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3875 Atherton Road
Rocklin, CA 95756
PHONE: (916)773-8100 FAX: (916)773-8448

FOR:
ARCO
SERVICE STATION NO. 0465
151 SOUTHGATE AVENUE
DALY CITY, CALIFORNIA

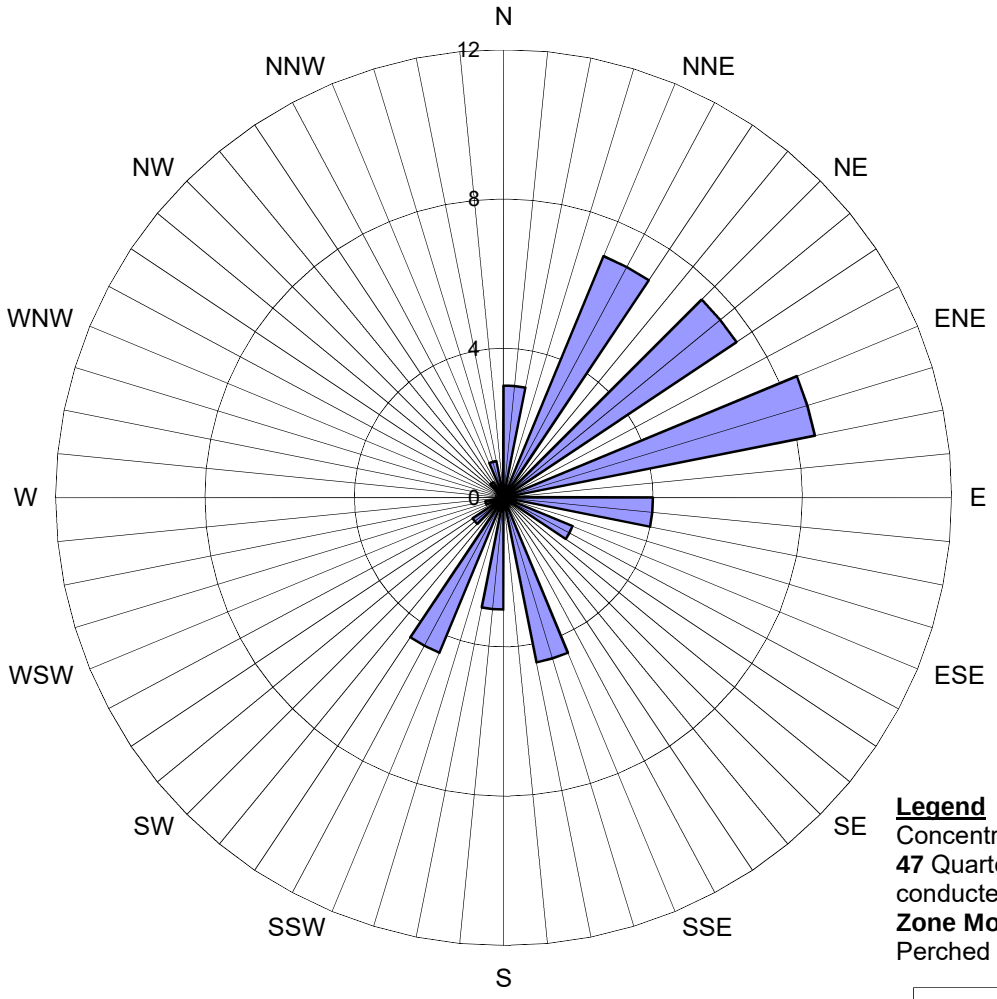
DETAILED SITE PLAN

FIGURE: 3

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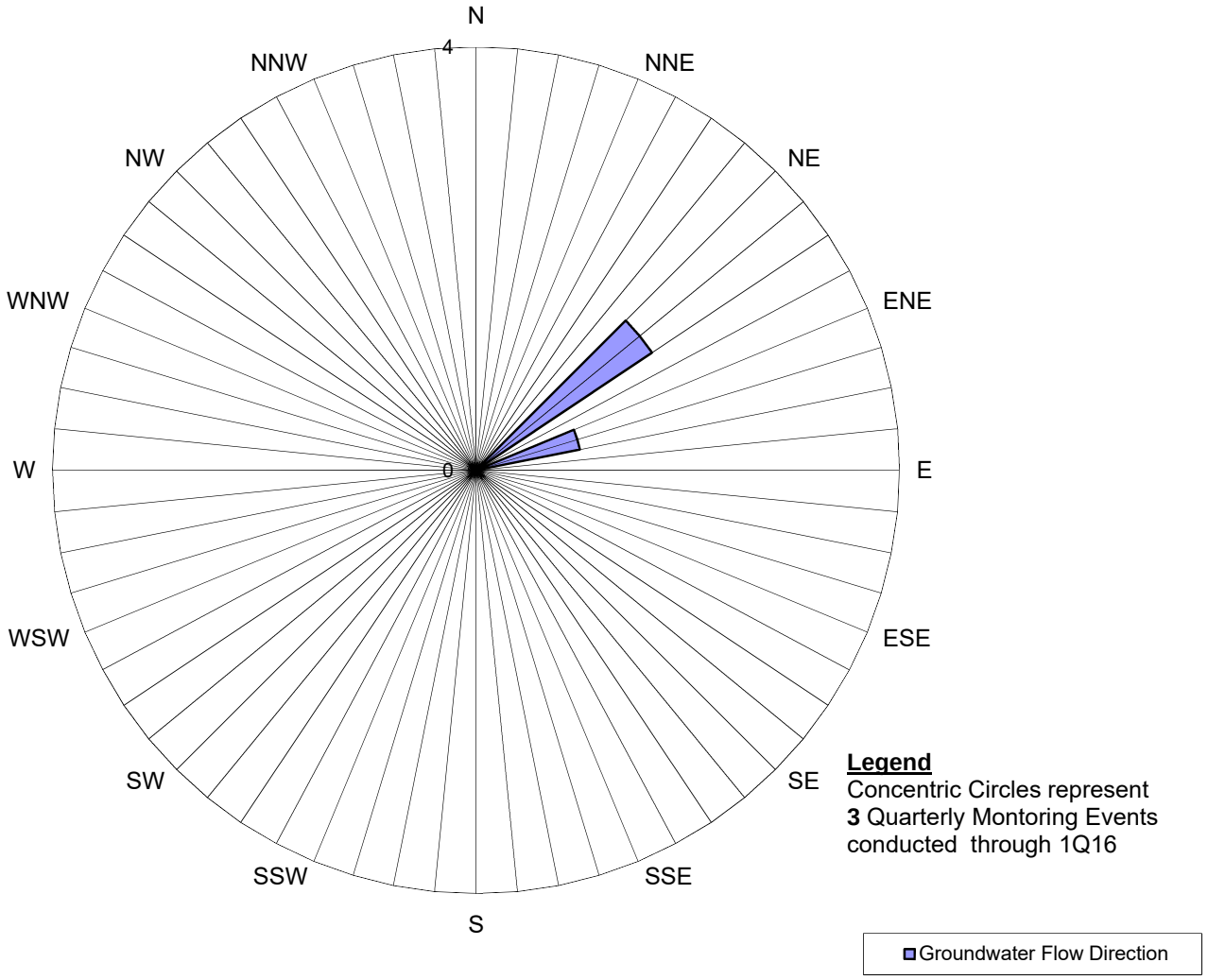
Figure 4A
Groundwater Flow Direction Rose Diagram
ARCO Service Station No. 465
151 Southgate Avenue, Daly City, California



Legend
Concentric Circles represent
47 Quarterly Montoring Events
conducted through 1Q16
Zone Monitored:
Perched Ground Water Zone ~60 fbg

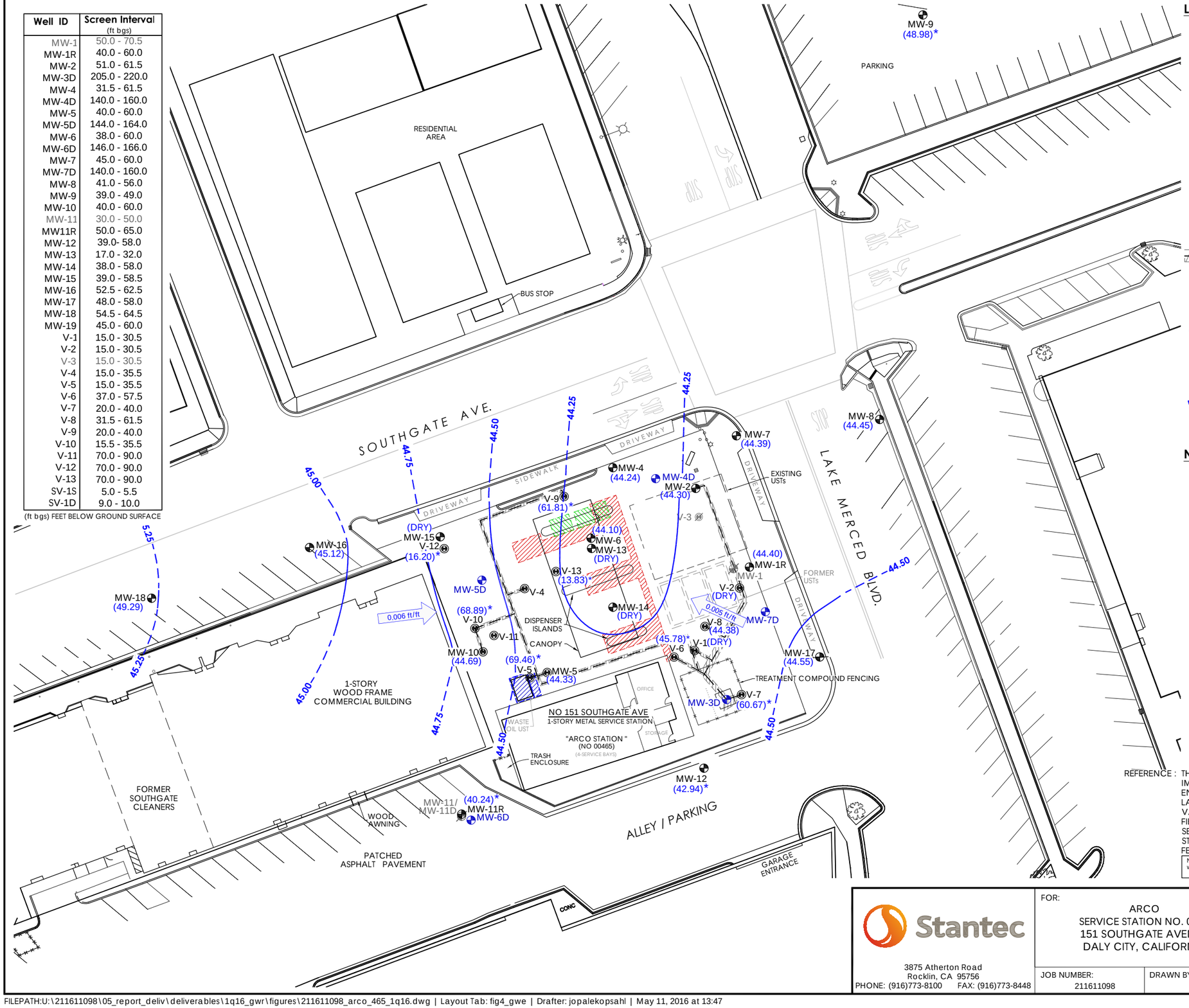
Groundwater Flow Direction

Figure 4B
Regional Groundwater Flow Direction Rose Diagram
ARCO Service Station No. 465
151 Southgate Avenue, Daly City, California



Well ID	Screen Interval (ft bgs)
MW-1	50.0 - 70.5
MW-1R	40.0 - 60.0
MW-2	51.0 - 61.5
MW-3D	205.0 - 220.0
MW-4	31.5 - 61.5
MW-4D	140.0 - 160.0
MW-5	40.0 - 60.0
MW-5D	144.0 - 164.0
MW-6	38.0 - 60.0
MW-6D	146.0 - 166.0
MW-7	45.0 - 60.0
MW-7D	140.0 - 160.0
MW-8	41.0 - 56.0
MW-9	39.0 - 49.0
MW-10	40.0 - 60.0
MW-11	30.0 - 50.0
MW11R	50.0 - 65.0
MW-12	39.0- 58.0
MW-13	17.0 - 32.0
MW-14	38.0 - 58.0
MW-15	39.0 - 58.5
MW-16	52.5 - 62.5
MW-17	48.0 - 58.0
MW-18	54.5 - 64.5
MW-19	45.0 - 60.0
V-1	15.0 - 30.5
V-2	15.0 - 30.5
V-3	15.0 - 30.5
V-4	15.0 - 35.5
V-5	15.0 - 35.5
V-6	37.0 - 57.5
V-7	20.0 - 40.0
V-8	31.5 - 61.5
V-9	20.0 - 40.0
V-10	15.5 - 35.5
V-11	70.0 - 90.0
V-12	70.0 - 90.0
V-13	70.0 - 90.0
SV-1S	5.0 - 5.5
SV-1D	9.0 - 10.0

(ft bgs) FEET BELOW GROUND SURFACE



LEGEND:

- GROUNDWATER MONITORING WELL
- GROUNDWATER MONITORING WELL (DEEP)
- VAPOR EXTRACTION WELL
- DESTROYED VAPOR EXTRACTION WELL
- ABANDONED/DESTROYED GROUNDWATER MONITORING WELL
- EXCAVATION AREA CONDUCTED SEPTEMBER 2000
- EXCAVATION AREA CONDUCTED MARCH 1999
- EXCAVATION AREA CONDUCTED OCTOBER 1997
- EXISTING UNDERGROUND SYSTEM CONVEYANCE PIPING AND TRENCHING
- (44.40) GROUNDWATER ELEVATION (FEET ABOVE MEAN SEA LEVEL)
- GROUNDWATER ELEVATION CONTOUR; DASHED WHERE INFERRED (FEET ABOVE MEAN SEA LEVEL)
- * NOT USED IN CONTOUR DETERMINATION
- APPROXIMATE DIRECTION OF GROUNDWATER FLOW IN FEET PER FOOT (ft/ft).

NOTE:

GROUNDWATER CONTOURS WERE CREATED USING SURFER VERSION 11.6

REFERENCE : THIS FIGURE IS BASED ON PRELIMINARY IMPROVEMENT PLANS PROVIDED BY BKF ENGINEERS DATED JULY 26, 2007. UTILITY LAYOUT AND ORIENTATION ARE BASED ON VARIOUS COUNTY DRAWINGS AS WELL AS FIELD VERIFICATION AND ARE APPROXIMATE. SELECTIVE SAMPLE SURVEY CONDUCTED BY STANTEC PERSONNEL ON OCTOBER 27, 2011, FEBRUARY 2015, AND NOVEMBER 2, 2015.

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3875 Atherton Road
Rocklin, CA 95756
PHONE: (916)773-8100 FAX: (916)773-8448

FOR: ARCO
SERVICE STATION NO. 0465
151 SOUTHGATE AVENUE
DALY CITY, CALIFORNIA

PERCHED GROUNDWATER ELEVATION CONTOUR MAP - FIRST QUARTER 2016

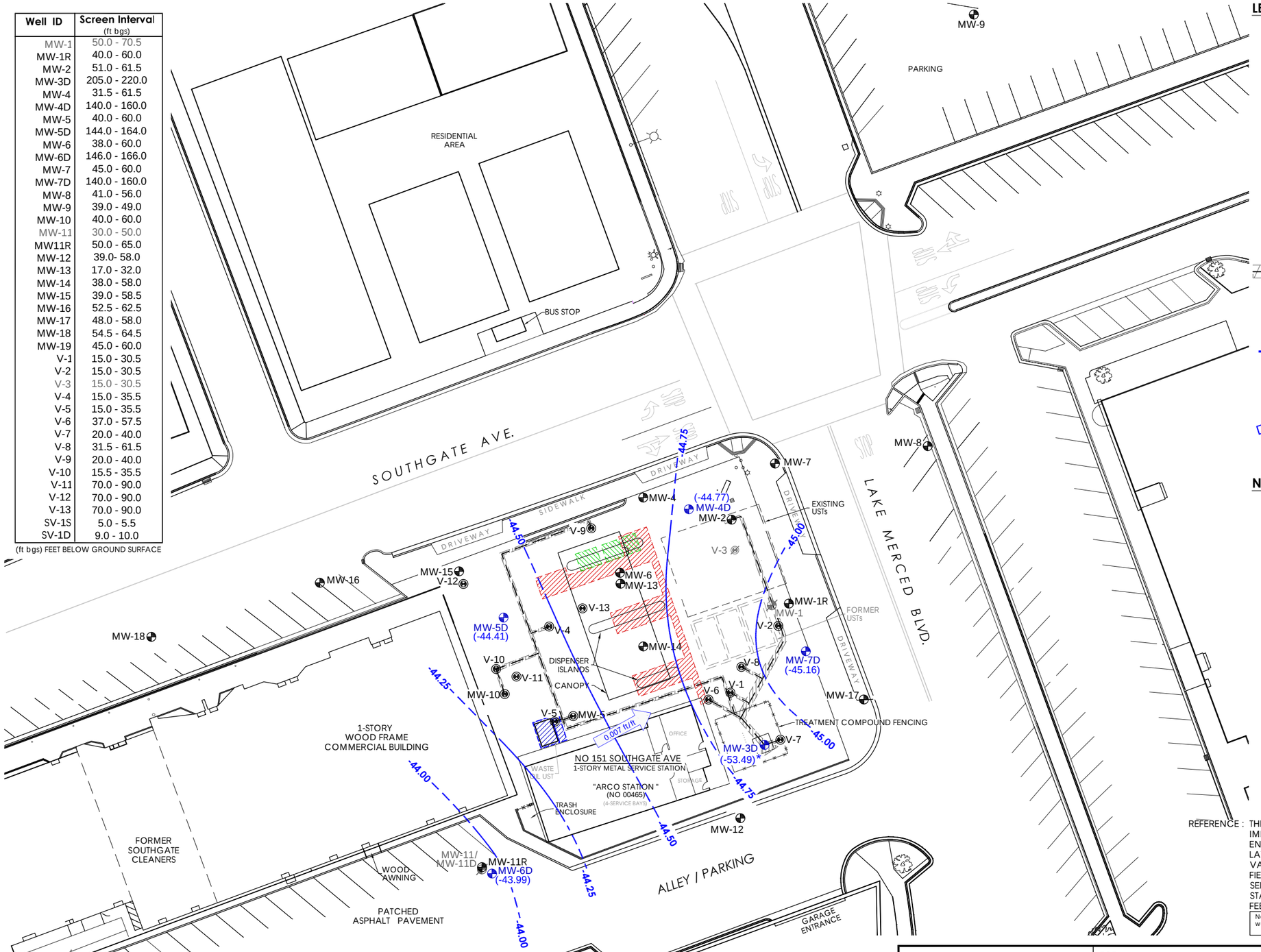
FIGURE: 5

JOB NUMBER:	DRAWN BY:	CHECKED BY:	APPROVED BY:	DATE:
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Well ID	Screen Interval (ft bgs)
MW-1	50.0 - 70.5
MW-1R	40.0 - 60.0
MW-2	51.0 - 61.5
MW-3D	205.0 - 220.0
MW-4	31.5 - 61.5
MW-4D	140.0 - 160.0
MW-5	40.0 - 60.0
MW-5D	144.0 - 164.0
MW-6	38.0 - 60.0
MW-6D	146.0 - 166.0
MW-7	45.0 - 60.0
MW-7D	140.0 - 160.0
MW-8	41.0 - 56.0
MW-9	39.0 - 49.0
MW-10	40.0 - 60.0
MW-11	30.0 - 50.0
MW11R	50.0 - 65.0
MW-12	39.0- 58.0
MW-13	17.0 - 32.0
MW-14	38.0 - 58.0
MW-15	39.0 - 58.5
MW-16	52.5 - 62.5
MW-17	48.0 - 58.0
MW-18	54.5 - 64.5
MW-19	45.0 - 60.0
V-1	15.0 - 30.5
V-2	15.0 - 30.5
V-3	15.0 - 30.5
V-4	15.0 - 35.5
V-5	15.0 - 35.5
V-6	37.0 - 57.5
V-7	20.0 - 40.0
V-8	31.5 - 61.5
V-9	20.0 - 40.0
V-10	15.5 - 35.5
V-11	70.0 - 90.0
V-12	70.0 - 90.0
V-13	70.0 - 90.0
SV-1S	5.0 - 5.5
SV-1D	9.0 - 10.0

(ft bgs) FEET BELOW GROUND SURFACE



LEGEND:

- GROUNDWATER MONITORING WELL
- GROUNDWATER MONITORING WELL (DEEP)
- VAPOR EXTRACTION WELL
- DESTROYED VAPOR EXTRACTION WELL
- ABANDONED/DESTROYED GROUNDWATER MONITORING WELL
- EXCAVATION AREA CONDUCTED SEPTEMBER 2000
- EXCAVATION AREA CONDUCTED MARCH 1999
- EXCAVATION AREA CONDUCTED OCTOBER 1997
- EXISTING UNDERGROUND SYSTEM CONVEYANCE PIPING AND TRENCHING
- (-53.49) GROUNDWATER ELEVATION (FEET ABOVE MEAN SEA LEVEL)
- GROUNDWATER ELEVATION CONTOUR; DASHED WHERE INFERRED (FEET ABOVE MEAN SEA LEVEL)
- * NOT USED IN CONTOUR DETERMINATION
- APPROXIMATE DIRECTION OF GROUNDWATER FLOW IN FEET PER FOOT (ft/ft).

NOTE:

GROUNDWATER CONTOURS WERE CREATED USING SURFER VERSION 11.6

REFERENCE : THIS FIGURE IS BASED ON PRELIMINARY IMPROVEMENT PLANS PROVIDED BY BKF ENGINEERS DATED JULY 26, 2007. UTILITY LAYOUT AND ORIENTATION ARE BASED ON VARIOUS COUNTY DRAWINGS AS WELL AS FIELD VERIFICATION AND ARE APPROXIMATE. SELECTIVE SAMPLE SURVEY CONDUCTED BY STANTEC PERSONNEL ON OCTOBER 27, 2011, FEBRUARY 2015, AND NOVEMBER 2, 2015.

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Rocklin, CA 95756
PHONE: (916)773-8100 FAX: (916)773-8448

FOR: ARCO SERVICE STATION NO. 0465 151 SOUTHGATE AVENUE DALY CITY, CALIFORNIA

DEEP GROUNDWATER ELEVATION CONTOUR MAP - FIRST QUARTER 2016

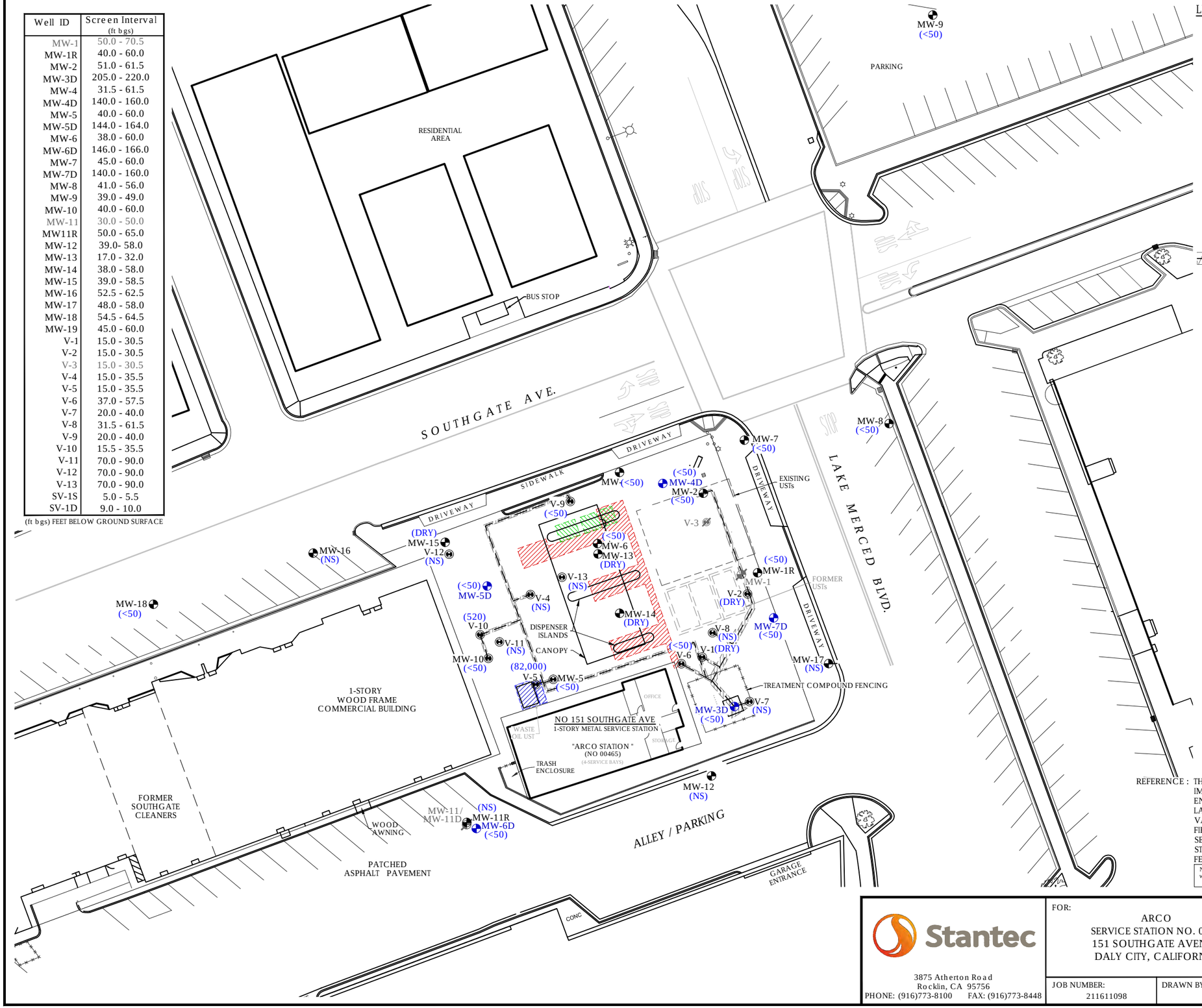
FIGURE: 6

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Well ID	Screen Interval (ft bgs)
MW-1	50.0 - 70.5
MW-1R	40.0 - 60.0
MW-2	51.0 - 61.5
MW-3D	205.0 - 220.0
MW-4	31.5 - 61.5
MW-4D	140.0 - 160.0
MW-5	40.0 - 60.0
MW-5D	144.0 - 164.0
MW-6	38.0 - 60.0
MW-6D	146.0 - 166.0
MW-7	45.0 - 60.0
MW-7D	140.0 - 160.0
MW-8	41.0 - 56.0
MW-9	39.0 - 49.0
MW-10	40.0 - 60.0
MW-11	30.0 - 50.0
MW11R	50.0 - 65.0
MW-12	39.0- 58.0
MW-13	17.0 - 32.0
MW-14	38.0 - 58.0
MW-15	39.0 - 58.5
MW-16	52.5 - 62.5
MW-17	48.0 - 58.0
MW-18	54.5 - 64.5
MW-19	45.0 - 60.0
V-1	15.0 - 30.5
V-2	15.0 - 30.5
V-3	15.0 - 30.5
V-4	15.0 - 35.5
V-5	15.0 - 35.5
V-6	37.0 - 57.5
V-7	20.0 - 40.0
V-8	31.5 - 61.5
V-9	20.0 - 40.0
V-10	15.5 - 35.5
V-11	70.0 - 90.0
V-12	70.0 - 90.0
V-13	70.0 - 90.0
SV-1S	5.0 - 5.5
SV-1D	9.0 - 10.0

(ft bgs) FEET BELOW GROUND SURFACE



LEGEND:

- GROUNDWATER MONITORING WELL
- GROUNDWATER MONITORING WELL (DEEP)
- VAPOR EXTRACTION WELL
- DESTROYED VAPOR EXTRACTION WELL
- ABANDONED/DESTROYED GROUNDWATER MONITORING WELL
- EXCAVATION AREA CONDUCTED SEPTEMBER 2000
- EXCAVATION AREA CONDUCTED MARCH 1999
- EXCAVATION AREA CONDUCTED OCTOBER 1997
- EXISTING UNDERGROUND SYSTEM CONVEYANCE PIPING AND TRENCHING
- (82,000) TPH-GRO CONCENTRATION (îg/L)
- INFERRED TPH-GRO CONTOUR
- (DRY) INSUFFICIENT WATER FOR SAMPLING
- (NS) NOT SAMPLED
- TPH-GRO TOTAL PETROLEUM HYDROCARBONS AS GASOLINE RANGE ORGANICS
- (îg/L) MICROGRAMS PER LITER

REFERENCE : THIS FIGURE IS BASED ON PRELIMINARY IMPROVEMENT PLANS PROVIDED BY BKF ENGINEERS DATED JULY 26, 2007. UTILITY LAYOUT AND ORIENTATION ARE BASED ON VARIOUS COUNTY DRAWINGS AS WELL AS FIELD VERIFICATION AND ARE APPROXIMATE. SELECTIVE SAMPLE SURVEY CONDUCTED BY STANTEC PERSONNEL ON OCTOBER 27, 2011, FEBRUARY 2015, AND NOVEMBER 2, 2015.

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Rocklin, CA 95756
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FOR:
ARCO
SERVICE STATION NO. 0465
151 SOUTHGATE AVENUE
DALY CITY, CALIFORNIA

DISSOLVED GRO CONCENTRATION
FIRST QUARTER 2016

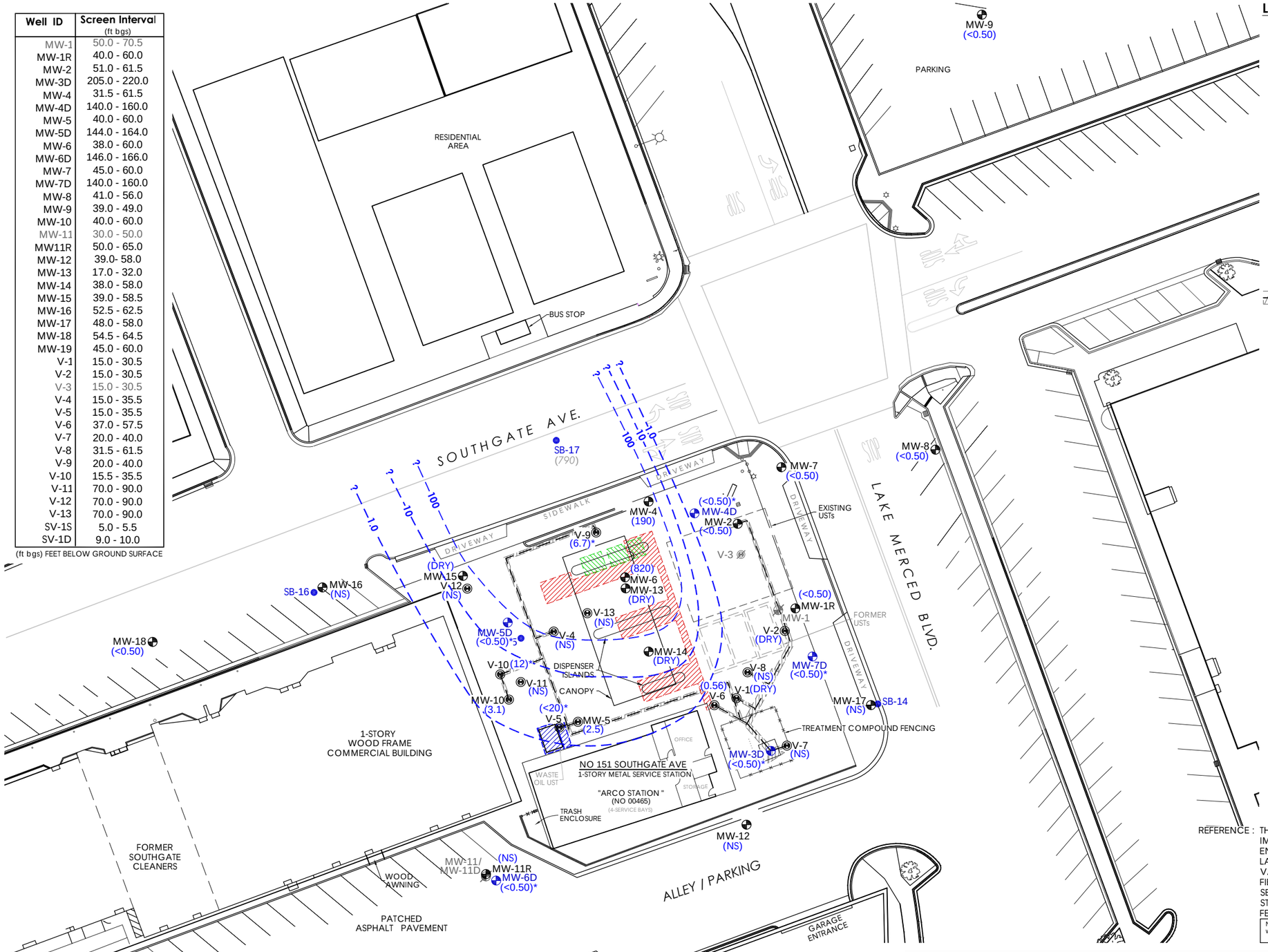
FIGURE: 7

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Well ID	Screen Interval (ft bgs)
MW-1	50.0 - 70.5
MW-1R	40.0 - 60.0
MW-2	51.0 - 61.5
MW-3D	205.0 - 220.0
MW-4	31.5 - 61.5
MW-4D	140.0 - 160.0
MW-5	40.0 - 60.0
MW-5D	144.0 - 164.0
MW-6	38.0 - 60.0
MW-6D	146.0 - 166.0
MW-7	45.0 - 60.0
MW-7D	140.0 - 160.0
MW-8	41.0 - 56.0
MW-9	39.0 - 49.0
MW-10	40.0 - 60.0
MW-11	30.0 - 50.0
MW11R	50.0 - 65.0
MW-12	39.0- 58.0
MW-13	17.0 - 32.0
MW-14	38.0 - 58.0
MW-15	39.0 - 58.5
MW-16	52.5 - 62.5
MW-17	48.0 - 58.0
MW-18	54.5 - 64.5
MW-19	45.0 - 60.0
V-1	15.0 - 30.5
V-2	15.0 - 30.5
V-3	15.0 - 30.5
V-4	15.0 - 35.5
V-5	15.0 - 35.5
V-6	37.0 - 57.5
V-7	20.0 - 40.0
V-8	31.5 - 61.5
V-9	20.0 - 40.0
V-10	15.5 - 35.5
V-11	70.0 - 90.0
V-12	70.0 - 90.0
V-13	70.0 - 90.0
SV-1S	5.0 - 5.5
SV-1D	9.0 - 10.0

(ft bgs) FEET BELOW GROUND SURFACE



LEGEND:

- GROUNDWATER MONITORING WELL
- GROUNDWATER MONITORING WELL (DEEP)
- VAPOR EXTRACTION WELL
- DESTROYED VAPOR EXTRACTION WELL
- ABANDONED/DESTROYED GROUNDWATER MONITORING WELL
- SOIL BORING (DEEP)
- EXCAVATION AREA CONDUCTED SEPTEMBER 2000
- EXCAVATION AREA CONDUCTED MARCH 1999
- EXCAVATION AREA CONDUCTED OCTOBER 1997
- EXISTING UNDERGROUND SYSTEM CONVEYANCE PIPING AND TRENCHING
- (190) MtBE CONCENTRATION (µg/L)
- (790) GRAB GROUNDWATER CONCENTRATION SAMPLE COLLECTED ON 01/14/15
- INFERRED MtBE CONTOUR
- (DRY) INSUFFICIENT WATER FOR SAMPLING
- (NS) NOT SAMPLED
- * NOT USED IN CONTOUR DETERMINATION (SHALLOW OR DEEP WELL)
- MtBE METHYL TERTIARY-BUTYL ETHER
- (µg/L) MICROGRAMS PER LITER

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APPROXIMATE SCALE IN FEET

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Stantec
3875 Atherton Road
Rocklin, CA 95756
PHONE: (916)773-8100 FAX: (916)773-8448

FOR: ARCO SERVICE STATION NO. 0465 151 SOUTHGATE AVENUE DALY CITY, CALIFORNIA

DISSOLVED MtBE ISOCONCENTRATION CONTOUR MAP - FIRST QUARTER 2016

FIGURE: 8

JOB NUMBER:	DRAWN BY:	CHECKED BY:	APPROVED BY:	DATE:
211611098	JRO	RC	BH	03/22/16

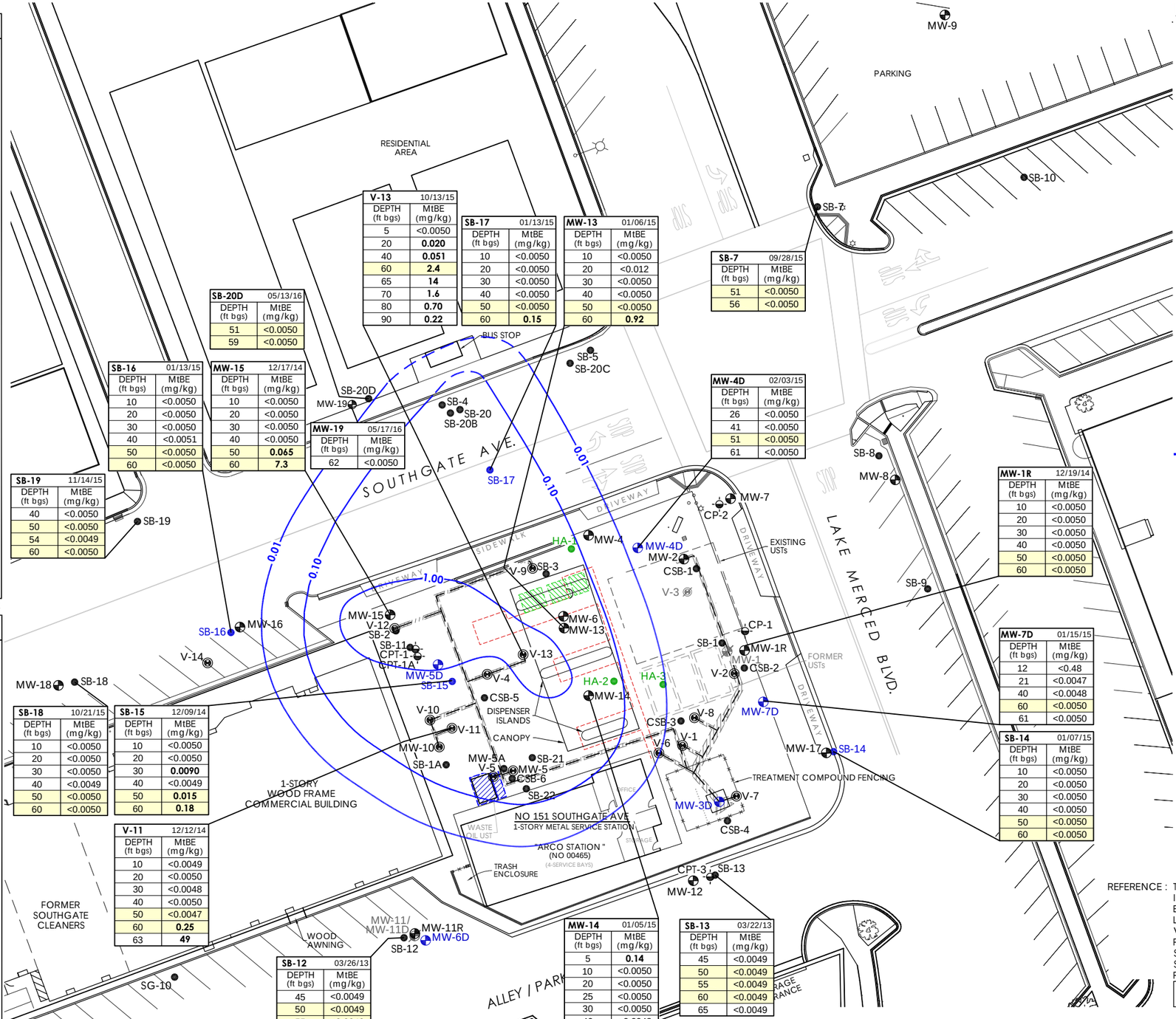
FILEPATH:U:\211611098\05_report_deliv\deliverables\1q16_gwr\figures\211611098_arco_465_1q16.dwg | Layout Tab: fig7_mtbe | Drafter: jopalekopsahl | May 12, 2016 at 8:43

Well ID	Screen Interval (ft bgs)
MW-1	50.0 - 70.5
MW-1R	40.0 - 60.0
MW-2	51.0 - 61.5
MW-3D	205.0 - 220.0
MW-4	31.5 - 61.5
MW-4D	140.0 - 160.0
MW-5	40.0 - 60.0
MW-5D	144.0 - 164.0
MW-6	38.0 - 60.0
MW-6D	146.0 - 166.0
MW-7	45.0 - 60.0
MW-7D	140.0 - 160.0
MW-8	41.0 - 56.0
MW-9	39.0 - 49.0
MW-10	40.0 - 60.0
MW-11	30.0 - 50.0
MW11R	50.0 - 65.0
MW-12	39.0- 58.0
MW-13	17.0 - 32.0
MW-14	38.0 - 58.0
MW-15	39.0 - 58.5
MW-16	52.5 - 62.5
MW-17	48.0 - 58.0
MW-18	54.5 - 64.5
MW-19	52.5 - 62.5
V-1	15.0 - 30.5
V-2	15.0 - 30.5
V-3	15.0 - 30.5
V-4	15.0 - 35.5
V-5	15.0 - 35.5
V-6	37.0 - 57.5
V-7	20.0 - 40.0
V-8	31.5 - 61.5
V-9	20.0 - 40.0
V-10	15.5 - 35.5
V-11	70.0 - 90.0
V-12	70.0 - 90.0
V-13	70.0 - 90.0
V-14	70.0 - 90.0
SV-1S	5.0 - 5.5
SV-1D	9.0 - 10.0

(ft bgs) FEET BELOW GROUND SURFACE

Well ID	DEPTH (ft bgs)
SB-1	57.0
SB-1A	71.5
SB-2	71.5
SB-3	81.5
SB-4	55.0
SB-5	50.0
SB-7	60.0
SB-8	75.0
SB-9	60.0
SB-10	50.0
SB-11	120.0
SB-12	100.0
SB-13	100.0
SB-14	130.0
SB-15	180.5
SB-16	133.0
SB-17	130.0
SB-18	130.0
SB-19	130.0
SB-20	23.5
SB-20B	23.5
SB-20C	20.0
SB-20D	131.0
SB-21	40.0
SB-22	35.0
MW-5A	85.0
CSB-1	30.5
CSB-2	30.5
CSB-3	31.5
CSB-4	55.5
CSB-5	30.5
CSB-6	55.5
HA-1	5.0
HA-2	5.0
HA-3	5.0

(ft bgs) FEET BELOW GROUND SURFACE



V-13 10/13/15

DEPTH (ft bgs)	MtBE (mg/kg)
5	<0.0050
20	**0.020**
40	**0.051**
60	**2.4**
65	**14**
70	**1.6**
80	**0.70**
90	**0.22**

SB-17 01/13/15

DEPTH (ft bgs)	MtBE (mg/kg)
10	<0.0050
20	<0.0050
30	<0.0050
40	<0.0050
50	<0.0050
60	**0.15**

MW-13 01/06/15

DEPTH (ft bgs)	MtBE (mg/kg)
10	<0.0050
20	<0.012
30	<0.0050
40	<0.0050
50	<0.0050
60	**0.92**

SB-7 09/28/15

DEPTH (ft bgs)	MtBE (mg/kg)
51	<0.0050
56	<0.0050

SB-20D 05/13/16

DEPTH (ft bgs)	MtBE (mg/kg)
51	<0.0050
59	<0.0050

SB-16 01/13/15

DEPTH (ft bgs)	MtBE (mg/kg)
10	<0.0050
20	<0.0050
30	<0.0050
40	<0.0051
50	<0.0050
60	<0.0050

MW-15 12/17/14

DEPTH (ft bgs)	MtBE (mg/kg)
10	<0.0050
20	<0.0050
30	<0.0050
40	<0.0050
50	**0.065**
60	**7.3**

MW-19 05/17/16

DEPTH (ft bgs)	MtBE (mg/kg)
62	<0.0050

MW-4D 02/03/15

DEPTH (ft bgs)	MtBE (mg/kg)
26	<0.0050
41	<0.0050
51	<0.0050
61	<0.0050

MW-1R 12/19/14

DEPTH (ft bgs)	MtBE (mg/kg)
10	<0.0050
20	<0.0050
30	<0.0050
40	<0.0050
50	<0.0050
60	<0.0050

SB-19 11/14/15

DEPTH (ft bgs)	MtBE (mg/kg)
40	<0.0050
50	<0.0050
54	<0.0049
60	<0.0050

MW-7D 01/15/15

DEPTH (ft bgs)	MtBE (mg/kg)
12	<0.48
21	<0.0047
40	<0.0048
60	<0.0050
61	<0.0050

SB-14 01/07/15

DEPTH (ft bgs)	MtBE (mg/kg)
10	<0.0050
20	<0.0050
30	<0.0050
40	<0.0050
50	<0.0050
60	<0.0050

SB-18 10/21/15

DEPTH (ft bgs)	MtBE (mg/kg)
10	<0.0050
20	<0.0050
30	<0.0050
40	<0.0049
50	<0.0050
60	<0.0050

SB-15 12/09/14

DEPTH (ft bgs)	MtBE (mg/kg)
10	<0.0050
20	<0.0050
30	**0.0090**
40	<0.0049
50	**0.015**
60	**0.18**

V-11 12/12/14

DEPTH (ft bgs)	MtBE (mg/kg)
10	<0.0049
20	<0.0050
30	<0.0048
40	<0.0050
50	<0.0047
60	**0.25**
63	**49**

SB-12 03/26/13

DEPTH (ft bgs)	MtBE (mg/kg)
45	<0.0049
50	<0.0049
55	<0.0049
60	<0.0049
65	<0.0050

MW-14 01/05/15

DEPTH (ft bgs)	MtBE (mg/kg)
5	**0.14**
10	<0.0050
20	<0.0050
25	<0.0050
30	<0.0050
40	<0.0048
50	<0.0050
60	**0.44**

SB-13 03/22/13

DEPTH (ft bgs)	MtBE (mg/kg)
45	<0.0049
50	<0.0049
55	<0.0049
60	<0.0049
65	<0.0049

LEGEND:

- GROUNDWATER MONITORING WELL
- GROUNDWATER MONITORING WELL (DEEP)
- ATTEMPTED CPT BORING
- VAPOR EXTRACTION WELL
- DESTROYED VAPOR EXTRACTION WELL
- ABANDONED/DESTROYED GROUNDWATER MONITORING WELL
- SOIL BORING (SHALLOW)
- SOIL BORING (MID)
- SOIL BORING (DEEP)
- EXCAVATION AREA CONDUCTED SEPTEMBER 2000
- EXCAVATION AREA CONDUCTED MARCH 1999
- EXCAVATION AREA CONDUCTED OCTOBER 1997
- EXISTING UNDERGROUND SYSTEM CONVEYANCE PIPING AND TRENCHING
- MtBE CONTOUR; DASHED WHERE INFERRED

SAMPLE ID	DATE
DEPTH (ft bgs)	MtBE (mg/kg)
5	<0.50

DEPTH / CONSTITUENT

ft bgs	FEET BELOW GROUND SURFACE
MtBE	METHYL TERTIARY-BUTYL ETHER
(mg/kg)	MILLIGRAMS PER KILOGRAM
NA	NOT ANALYZED

REFERENCE : THIS FIGURE IS BASED ON PRELIMINARY IMPROVEMENT PLANS PROVIDED BY BKF ENGINEERS DATED JULY 26, 2007. UTILITY LAYOUT AND ORIENTATION ARE BASED ON VARIOUS COUNTY DRAWINGS AS WELL AS FIELD VERIFICATION AND ARE APPROXIMATE. SELECTIVE SAMPLE SURVEY CONDUCTED BY STANTEC PERSONNEL ON OCTOBER 27, 2011, FEBRUARY 2015, AND NOVEMBER 2, 2015.

N

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APPROXIMATE SCALE IN FEET

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Stantec
3875 Atherton Road
Rocklin, CA 95756
PHONE: (916)773-8100 FAX: (916)773-8448

FOR:
ARCO
SERVICE STATION NO. 0465
151 SOUTHGATE AVENUE
DALY CITY, CALIFORNIA

CURRENT MtBE SOIL ISOCONCENTRATION CONTOUR MAP - 50 TO 60 FEET BELOW GROUND SURFACE

FIGURE: 9

JOB NUMBER:	DRAWN BY:	CHECKED BY:	APPROVED BY:	DATE:
211611098	JRO	PH	BH	08/17/16

FILEPATH:U:\211611098\05_report_deliv\drawings_design\211611098_bp-arco_465_2016.dwg | Layout Tab: fig9_mtbe-sc_50 | Drafter: jopalekopsahl | Aug 17, 2016 at 13:15

Well ID	Screen Interval (ft bgs)
MW-1	50.0 - 70.5
MW-1R	40.0 - 60.0
MW-2	51.0 - 61.5
MW-3D	205.0 - 220.0
MW-4	31.5 - 61.5
MW-4D	140.0 - 160.0
MW-5	40.0 - 60.0
MW-5D	144.0 - 164.0
MW-6	38.0 - 60.0
MW-6D	146.0 - 166.0
MW-7	45.0 - 60.0
MW-7D	140.0 - 160.0
MW-8	41.0 - 56.0
MW-9	39.0 - 49.0
MW-10	40.0 - 60.0
MW-11	30.0 - 50.0
MW11R	50.0 - 65.0
MW-12	39.0- 58.0
MW-13	17.0 - 32.0
MW-14	38.0 - 58.0
MW-15	39.0 - 58.5
MW-16	52.5 - 62.5
MW-17	48.0 - 58.0
MW-18	54.5 - 64.5
MW-19	52.5 - 62.5
V-1	15.0 - 30.5
V-2	15.0 - 30.5
V-3	15.0 - 30.5
V-4	15.0 - 35.5
V-5	15.0 - 35.5
V-6	37.0 - 57.5
V-7	20.0 - 40.0
V-8	31.5 - 61.5
V-9	20.0 - 40.0
V-10	15.5 - 35.5
V-11	70.0 - 90.0
V-12	70.0 - 90.0
V-13	70.0 - 90.0
V-14	70.0 - 90.0
SV-1S	5.0 - 5.5
SV-1D	9.0 - 10.0

(ft bgs) FEET BELOW GROUND SURFACE

Well ID	DEPTH (ft bgs)
SB-1	57.0
SB-1A	71.5
SB-2	71.5
SB-3	81.5
SB-4	55.0
SB-5	50.0
SB-7	60.0
SB-8	75.0
SB-9	60.0
SB-10	50.0
SB-11	120.0
SB-12	100.0
SB-13	100.0
SB-14	130.0
SB-15	180.5
SB-16	133.0
SB-17	130.0
SB-18	130.0
SB-19	130.0
SB-20	23.5
SB-20B	23.5
SB-20C	20.0
SB-20D	131.0
SB-21	40.0
SB-22	35.0
MW-5A	85.0
CSB-1	30.5
CSB-2	30.5
CSB-3	31.5
CSB-4	55.5
CSB-5	30.5
CSB-6	55.5
HA-1	5.0
HA-2	5.0
HA-3	5.0

(ft bgs) FEET BELOW GROUND SURFACE

MW-15	12/17/14
DEPTH (ft bgs)	MtBE (mg/kg)
10	<0.0050
20	<0.0050
30	<0.0050
40	<0.0050
50	**0.065**
60	**7.3**
70	**3.8**
80	**13**
90	**0.33**

SB-19	11/14/15
DEPTH (ft bgs)	MtBE (mg/kg)
40	<0.0050
50	<0.0050
54	<0.0049
60	<0.0050
70	<0.0050
80	<0.0049
90	<0.0049
100	<0.0050
110	<0.0050
120	<0.0049
130	<0.0049

SB-16	01/13/15
DEPTH (ft bgs)	MtBE (mg/kg)
10	<0.0050
20	<0.0050
30	<0.0050
40	<0.0051
50	<0.0050
60	<0.0050
71	**13**
80	**2.3**
90	**1.3**
99	**0.041**
110	**0.030**
120	<0.0050
130	<0.0050

SB-11	03/19/13
DEPTH (ft bgs)	MtBE (mg/kg)
60	**0.12**
62	**99**
65	**16**
70	**2.8**
75	**1.4**
80	**0.030**
85	**0.022**
90	**0.070**
95	**0.015**
100	**0.029**
105	<0.0050
110	**0.011**
115	<0.0050
120	**0.0091**

SB-20D	05/13/16
DEPTH (ft bgs)	MtBE (mg/kg)
51	<0.0050
59	<0.0050
63	<0.0050
66	<0.0050
67	<0.0050
69.5	**0.036**
72	**0.021**
81	**0.028**
91	**0.016**
101	<0.0050
111	**0.012**
121	**0.035**
126	**0.013**
131	**0.0075**

SB-15	12/09/14
DEPTH (ft bgs)	MtBE (mg/kg)
10	<0.0050
20	<0.0050
30	**0.0090**
40	<0.0049
50	**0.015**
60	**0.18**
64	**2.2**
65	**1.4**
70	**9.1**
80	**2.9**
90	**0.37**
100	**0.036**
110	**0.10**
120	<0.0050
130	<0.0050
140	<0.0050
150	<0.0049
160	**0.0067**
170	<0.0048
180	<0.0050

SB-17	01/13/15
DEPTH (ft bgs)	MtBE (mg/kg)
10	<0.0050
20	<0.0050
30	<0.0050
40	<0.0050
50	<0.0050
60	**0.15**
70	<0.0048
80	**0.19**
90	**0.34**
100	**0.012**
110	**0.22**
120	**0.025**
130	**0.0050**

V-13	10/13/15
DEPTH (ft bgs)	MtBE (mg/kg)
5	<0.0050
20	**0.020**
40	**0.051**
60	**2.4**
65	**14**
70	**1.6**
80	**0.70**
90	**0.22**

MW-4D	02/03/15
DEPTH (ft bgs)	MtBE (mg/kg)
26	<0.0050
41	<0.0050
51	<0.0050
61	<0.0050
71	<0.0049
81	<0.0050
100	<0.0050
121	<0.0049
140	<0.0049
160	<0.0049

MW-13	01/06/15
DEPTH (ft bgs)	MtBE (mg/kg)
10	<0.0050
20	<0.012
30	<0.0050
40	<0.0050
50	<0.0050
60	**0.92**
71	**0.51**
80	**0.90**

MW-7D	01/15/15
DEPTH (ft bgs)	MtBE (mg/kg)
5	<0.0050
12	<0.48
21	<0.0047
40	<0.0048
60	<0.0050
61	<0.0050
70	<0.0050
81	<0.0050
101	<0.0050
121	<0.0050
141	<0.0050
161	<0.0050

SB-14	01/07/15
DEPTH (ft bgs)	MtBE (mg/kg)
60	<0.0050
70	<0.0050
80	<0.0050
90	<0.0050
100	<0.0050
110	<0.0050
120	<0.0050
130	<0.0050

SB-18	10/21/15
DEPTH (ft bgs)	MtBE (mg/kg)
10	<0.0050
20	<0.0050
30	<0.0050
40	<0.0049
50	<0.0050
60	<0.0050
70	<0.0050
80	<0.0050
90	<0.0049
100	**0.36**
110	**0.11**
120	**0.0060**
130	<0.0050

V-14	05/10/16
DEPTH (ft bgs)	MtBE (mg/kg)
66	<0.0050
76	**0.21**
86	**2.7**

V-11	12/12/14
DEPTH (ft bgs)	MtBE (mg/kg)
10	<0.0049
20	<0.0050
30	<0.0048
40	<0.0050
50	<0.0047
60	**0.25**
63	**49**
70	**2.1**
80	**1.1**
90	**0.26**
100	**0.014**
110	**0.025**
121	**0.018**

SB-12	03/26/13
DEPTH (ft bgs)	MtBE (mg/kg)
60	<0.0050
65	<0.0050
70	<0.0050
75	**0.0058**
80	**0.0060**
85	<0.0050
89	<0.0050
95	<0.0050
98	<0.0050

MW-6D	01/30/15
DEPTH (ft bgs)	MtBE (mg/kg)
121	<0.0050
141	<0.0050
167	<0.0050

MW-14	01/05/15
DEPTH (ft bgs)	MtBE (mg/kg)
5	**0.14**
10	<0.0050
20	<0.0050
25	<0.0050
30	<0.0050
40	<0.0048
50	<0.0050
60	**0.44**
70	**0.032**
80	<0.0049

SB-13	03/22/13
DEPTH (ft bgs)	MtBE (mg/kg)
60	<0.0049
65	<0.0049
70	<0.0049
75	<0.0049
80	<0.0049
85	<0.0048
90	<0.0049
95	<0.0050
100	<0.0049

LEGEND:

- GROUNDWATER MONITORING WELL
- GROUNDWATER MONITORING WELL (DEEP)
- ATTEMPTED CPT BORING
- VAPOR EXTRACTION WELL
- DESTROYED VAPOR EXTRACTION WELL
- ABANDONED/DESTROYED GROUNDWATER MONITORING WELL
- SOIL BORING (SHALLOW)
- SOIL BORING (MID)
- SOIL BORING (DEEP)
- EXCAVATION AREA CONDUCTED SEPTEMBER 2000
- EXCAVATION AREA CONDUCTED MARCH 1999
- EXCAVATION AREA CONDUCTED OCTOBER 1997
- EXISTING UNDERGROUND SYSTEM CONVEYANCE PIPING AND TRENCHING
- MTBE CONTOUR; DASHED WHERE INFERRED

SAMPLE ID	DATE
DEPTH (ft bgs)	MtBE (mg/kg)
5	<0.50

DEPTH / CONSTITUENT

ft bgs FEET BELOW GROUND SURFACE
MtBE METHYL TERTIARY-BUTYL ETHER
(mg/kg) MILLIGRAMS PER KILOGRAM
NA NOT ANALYZED

REFERENCE : THIS FIGURE IS BASED ON PRELIMINARY IMPROVEMENT PLANS PROVIDED BY BKF ENGINEERS DATED JULY 26, 2007. UTILITY LAYOUT AND ORIENTATION ARE BASED ON VARIOUS COUNTY DRAWINGS AS WELL AS FIELD VERIFICATION AND ARE APPROXIMATE. SELECTIVE SAMPLE SURVEY CONDUCTED BY STANTEC PERSONNEL ON OCTOBER 27, 2011, FEBRUARY 2015, AND NOVEMBER 2, 2015.

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APPROXIMATE SCALE IN FEET

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Stantec
3875 Atherton Road
Rocklin, CA 95756
PHONE: (916)773-8100 FAX: (916)773-8448

FOR:
ARCO
SERVICE STATION NO. 0465
151 SOUTHGATE AVENUE
DALY CITY, CALIFORNIA

CURRENT MtBE SOIL ISOCONCENTRATION CONTOUR MAP - 70 TO 89 FEET BELOW GROUND SURFACE

FIGURE: 10

JOB NUMBER:	DRAWN BY:	CHECKED BY:	APPROVED BY:	DATE:
211611098	JRO	PH	BH	08/17/16

FILEPATH:U:\211611098\05_report_deliv\drawings_design\211611098_bp-arco_465_2016.dwg | Layout Tab: fig10_mtbe-sc_70 | Drafter: jopalekopsahl | Aug 22, 2016 at 10:16

Well ID	Screen Interval (ft bgs)
MW-1	50.0 - 70.5
MW-1R	40.0 - 60.0
MW-2	51.0 - 61.5
MW-3D	205.0 - 220.0
MW-4	31.5 - 61.5
MW-4D	140.0 - 160.0
MW-5	40.0 - 60.0
MW-5D	144.0 - 164.0
MW-6	38.0 - 60.0
MW-6D	146.0 - 166.0
MW-7	45.0 - 60.0
MW-7D	140.0 - 160.0
MW-8	41.0 - 56.0
MW-9	39.0 - 49.0
MW-10	40.0 - 60.0
MW-11	30.0 - 50.0
MW11R	50.0 - 65.0
MW-12	39.0- 58.0
MW-13	17.0 - 32.0
MW-14	38.0 - 58.0
MW-15	39.0 - 58.5
MW-16	52.5 - 62.5
MW-17	48.0 - 58.0
MW-18	54.5 - 64.5
MW-19	52.5 - 62.5
V-1	15.0 - 30.5
V-2	15.0 - 30.5
V-3	15.0 - 30.5
V-4	15.0 - 35.5
V-5	15.0 - 35.5
V-6	37.0 - 57.5
V-7	20.0 - 40.0
V-8	31.5 - 61.5
V-9	20.0 - 40.0
V-10	15.5 - 35.5
V-11	70.0 - 90.0
V-12	70.0 - 90.0
V-13	70.0 - 90.0
V-14	70.0 - 90.0
SV-1S	5.0 - 5.5
SV-1D	9.0 - 10.0

(ft bgs) FEET BELOW GROUND SURFACE

Well ID	DEPTH (ft bgs)
SB-1	57.0
SB-1A	71.5
SB-2	71.5
SB-3	81.5
SB-4	55.0
SB-5	50.0
SB-7	60.0
SB-8	75.0
SB-9	60.0
SB-10	50.0
SB-11	120.0
SB-12	100.0
SB-13	100.0
SB-14	130.0
SB-15	180.5
SB-16	133.0
SB-17	130.0
SB-18	130.0
SB-19	130.0
SB-20	23.5
SB-20B	23.5
SB-20C	20.0
SB-20D	131.0
SB-21	40.0
SB-22	35.0
MW-5A	85.0
CSB-1	30.5
CSB-2	30.5
CSB-3	31.5
CSB-4	55.5
CSB-5	30.5
CSB-6	55.5
HA-1	5.0
HA-2	5.0
HA-3	5.0

(ft bgs) FEET BELOW GROUND SURFACE

MW-15	12/17/14
DEPTH (ft bgs)	MtBE (mg/kg)
10	<0.0050
20	<0.0050
30	<0.0050
40	<0.0050
50	**0.065**
60	**7.3**
70	**3.8**
80	**13**
90	**0.33**

SB-19	11/14/15
DEPTH (ft bgs)	MtBE (mg/kg)
40	<0.0050
50	<0.0050
54	<0.0049
60	<0.0050
70	<0.0050
80	<0.0049
90	<0.0049
100	<0.0050
110	<0.0050
120	<0.0049
130	<0.0049

SB-16	01/13/15
DEPTH (ft bgs)	MtBE (mg/kg)
10	<0.0050
20	<0.0050
30	<0.0050
40	<0.0051
50	<0.0050
60	<0.0050
71	**13**
80	**2.3**
90	**1.3**
99	**0.041**
110	**0.030**
120	<0.0050
130	<0.0050

SB-18	10/21/15
DEPTH (ft bgs)	MtBE (mg/kg)
10	<0.0050
20	<0.0050
30	<0.0050
40	<0.0049
50	<0.0050
60	<0.0050
70	<0.0050
80	<0.0050
90	<0.0049
100	**0.36**
110	**0.11**
120	**0.0060**
130	<0.0050

V-11	12/12/14
DEPTH (ft bgs)	MtBE (mg/kg)
10	<0.0049
20	<0.0050
30	<0.0048
40	<0.0050
50	<0.0047
60	**0.25**
63	**49**
70	**2.1**
80	**1.1**
90	**0.26**
100	**0.014**
110	**0.025**
121	**0.018**

SB-11	03/19/13
DEPTH (ft bgs)	MtBE (mg/kg)
60	**0.12**
62	**99**
65	**16**
70	**2.8**
75	**1.4**
80	**0.030**
85	**0.022**
90	**0.070**
95	**0.015**
100	**0.029**
105	<0.0050
110	**0.011**
115	<0.0050
120	**0.0091**

SB-20D	05/13/16
DEPTH (ft bgs)	MtBE (mg/kg)
51	<0.0050
59	<0.0050
63	<0.0050
66	<0.0050
67	<0.0050
69.5	**0.036**
72	**0.021**
81	**0.028**
91	**0.016**
101	<0.0050
111	**0.012**
121	**0.035**
126	**0.013**
131	**0.0075**

SB-15	12/09/14
DEPTH (ft bgs)	MtBE (mg/kg)
10	<0.0050
20	<0.0050
30	**0.0090**
40	<0.0049
50	**0.015**
60	**0.18**
64	**2.2**
65	**1.4**
70	**9.1**
80	**2.9**
90	**0.37**
100	**0.036**
110	**0.10**
120	<0.0050
130	<0.0050
140	<0.0050
150	<0.0049
160	**0.0067**
170	<0.0048
180	<0.0050

SB-17	01/13/15
DEPTH (ft bgs)	MtBE (mg/kg)
10	<0.0050
20	<0.0050
30	<0.0050
40	<0.0050
50	<0.0050
60	**0.15**
70	<0.0048
80	**0.19**
90	**0.34**
100	**0.012**
110	**0.22**
120	**0.025**
130	**0.0050**

V-13	10/13/15
DEPTH (ft bgs)	MtBE (mg/kg)
5	<0.0050
20	**0.020**
40	**0.051**
60	**2.4**
65	**14**
70	**1.6**
80	**0.70**
90	**0.22**

MW-4D	02/03/15
DEPTH (ft bgs)	MtBE (mg/kg)
26	<0.0050
41	<0.0050
51	<0.0050
61	<0.0050
71	<0.0049
81	<0.0050
100	<0.0050
121	<0.0049
140	<0.0049
160	<0.0049

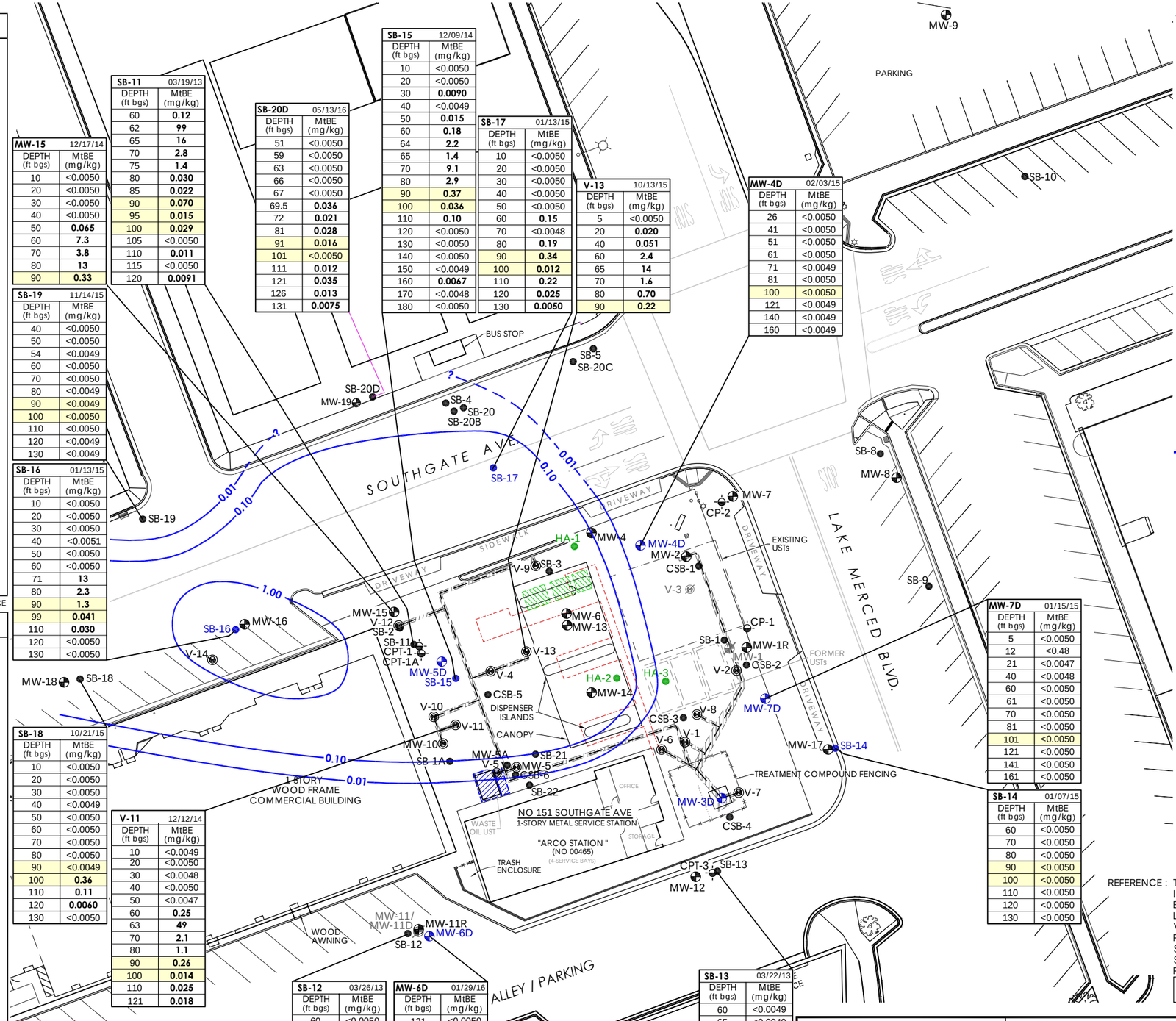
MW-7D	01/15/15
DEPTH (ft bgs)	MtBE (mg/kg)
5	<0.0050
12	<0.48
21	<0.0047
40	<0.0048
60	<0.0050
61	<0.0050
70	<0.0050
81	<0.0050
101	<0.0050
121	<0.0050
141	<0.0050
161	<0.0050

SB-14	01/07/15
DEPTH (ft bgs)	MtBE (mg/kg)
60	<0.0050
70	<0.0050
80	<0.0050
90	<0.0050
100	<0.0050
110	<0.0050
120	<0.0050
130	<0.0050

SB-12	03/26/13
DEPTH (ft bgs)	MtBE (mg/kg)
60	<0.0050
65	<0.0050
70	<0.0050
75	**0.0058**
80	**0.0060**
85	<0.0050
89	<0.0050
95	<0.0050
98	<0.0050

MW-6D	01/29/16
DEPTH (ft bgs)	MtBE (mg/kg)
121	<0.0050
141	<0.0050
167	<0.0050

SB-13	03/22/13
DEPTH (ft bgs)	MtBE (mg/kg)
60	<0.0049
65	<0.0049
70	<0.0049
75	<0.0049
80	<0.0049
85	<0.0048
90	<0.0049
95	<0.0050
100	<0.0049



LEGEND:

- GROUNDWATER MONITORING WELL
- GROUNDWATER MONITORING WELL (DEEP)
- ATTEMPTED CPT BORING
- VAPOR EXTRACTION WELL
- DESTROYED VAPOR EXTRACTION WELL
- ABANDONED/DESTROYED GROUNDWATER MONITORING WELL
- SOIL BORING (SHALLOW)
- SOIL BORING (MID)
- SOIL BORING (DEEP)
- EXCAVATION AREA CONDUCTED SEPTEMBER 2000
- EXCAVATION AREA CONDUCTED MARCH 1999
- EXCAVATION AREA CONDUCTED OCTOBER 1997
- EXISTING UNDERGROUND SYSTEM CONVEYANCE PIPING AND TRENCHING
- MTBE CONTOUR; DASHED WHERE INFERRED

SAMPLE ID	DATE
DEPTH (ft bgs)	MtBE (mg/kg)
5	<0.50

DEPTH / CONSTITUENT

ft bgs FEET BELOW GROUND SURFACE
MtBE METHYL TERTIARY-BUTYL ETHER
(mg/kg) MILLIGRAMS PER KILOGRAM
NA NOT ANALYZED

REFERENCE : THIS FIGURE IS BASED ON PRELIMINARY IMPROVEMENT PLANS PROVIDED BY BKF ENGINEERS DATED JULY 26, 2007. UTILITY LAYOUT AND ORIENTATION ARE BASED ON VARIOUS COUNTY DRAWINGS AS WELL AS FIELD VERIFICATION AND ARE APPROXIMATE. SELECTIVE SAMPLE SURVEY CONDUCTED BY STANTEC PERSONNEL ON OCTOBER 27, 2011, FEBRUARY 2015, AND NOVEMBER 2, 2015.

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Rocklin, CA 95756
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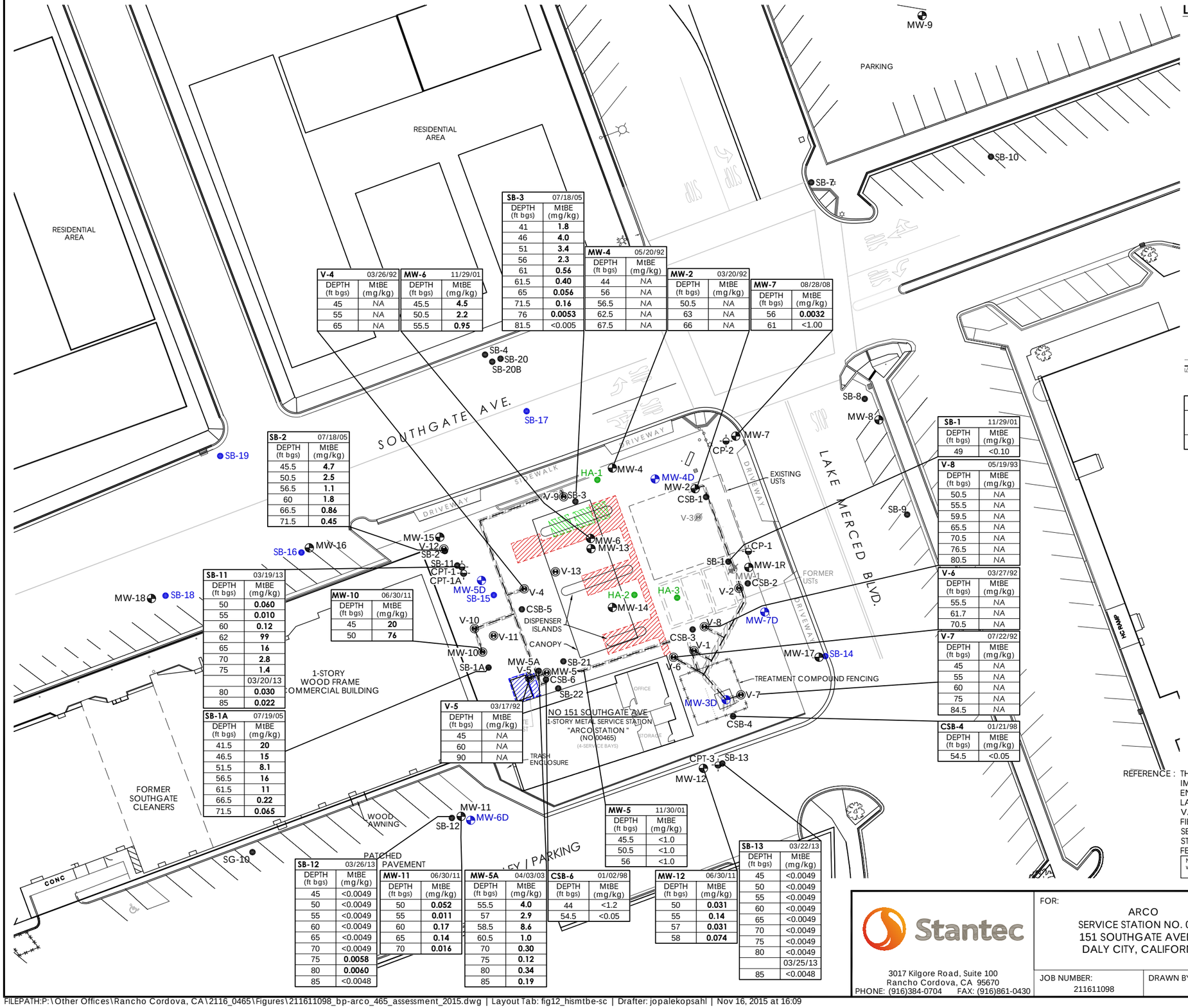
FOR:
ARCO
SERVICE STATION NO. 0465
151 SOUTHGATE AVENUE
DALY CITY, CALIFORNIA

CURRENT MtBE SOIL ISOCONCENTRATION CONTOUR MAP - 90 TO 101 FEET BELOW GROUND SURFACE

FIGURE: 11

JOB NUMBER:	DRAWN BY:	CHECKED BY:	APPROVED BY:	DATE:
211611098	JRO	PH	BH	08/17/16

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SB-3	07/18/05
DEPTH (ft bgs)	MtBE (mg/kg)
41	**1.8**
46	**4.0**
51	**3.4**
56	**2.3**
61	**0.56**
61.5	**0.40**
65	**0.056**
71.5	**0.16**
76	**0.0053**
81.5	<0.005

V-4	03/26/92
DEPTH (ft bgs)	MtBE (mg/kg)
45	*NA*
55	*NA*
65	*NA*

MW-6	11/29/01
DEPTH (ft bgs)	MtBE (mg/kg)
45.5	**4.5**
50.5	**2.2**
55.5	**0.95**

MW-4	05/20/92
DEPTH (ft bgs)	MtBE (mg/kg)
44	*NA*
56	*NA*
56.5	*NA*
62.5	*NA*
67.5	*NA*

MW-2	03/20/92
DEPTH (ft bgs)	MtBE (mg/kg)
50.5	*NA*
63	*NA*
66	*NA*

MW-7	08/28/08
DEPTH (ft bgs)	MtBE (mg/kg)
56	**0.0032**
61	<1.00

SB-2	07/18/05
DEPTH (ft bgs)	MtBE (mg/kg)
45.5	**4.7**
50.5	**2.5**
56.5	**1.1**
60	**1.8**
66.5	**0.86**
71.5	**0.45**

SB-1	11/29/01
DEPTH (ft bgs)	MtBE (mg/kg)
49	<0.10

V-8	05/19/93
DEPTH (ft bgs)	MtBE (mg/kg)
50.5	*NA*
55.5	*NA*
59.5	*NA*
65.5	*NA*
70.5	*NA*
76.5	*NA*
80.5	*NA*

V-6	03/27/92
DEPTH (ft bgs)	MtBE (mg/kg)
55.5	*NA*
61.7	*NA*
70.5	*NA*

V-7	07/22/92
DEPTH (ft bgs)	MtBE (mg/kg)
45	*NA*
55	*NA*
60	*NA*
75	*NA*
84.5	*NA*

CSB-4	01/21/98
DEPTH (ft bgs)	MtBE (mg/kg)
54.5	<0.05

SB-11	03/19/13
DEPTH (ft bgs)	MtBE (mg/kg)
50	**0.060**
55	**0.010**
60	**0.12**
62	**99**
65	**16**
70	**2.8**
75	**1.4**
	03/20/13
80	**0.030**
85	**0.022**

MW-10	06/30/11
DEPTH (ft bgs)	MtBE (mg/kg)
45	**20**
50	**76**

SB-1A	07/19/05
DEPTH (ft bgs)	MtBE (mg/kg)
41.5	**20**
46.5	**15**
51.5	**8.1**
56.5	**16**
61.5	**11**
66.5	**0.22**
71.5	**0.065**

V-5	03/17/92
DEPTH (ft bgs)	MtBE (mg/kg)
45	*NA*
60	*NA*
90	*NA*

MW-5	11/30/01
DEPTH (ft bgs)	MtBE (mg/kg)
45.5	<1.0
50.5	<1.0
56	<1.0

SB-13	03/22/13
DEPTH (ft bgs)	MtBE (mg/kg)
45	<0.0049
50	<0.0049
55	<0.0049
60	<0.0049
65	<0.0049
70	<0.0049
75	<0.0049
80	<0.0049
	03/25/13
85	<0.0048

SB-12	03/26/13
DEPTH (ft bgs)	MtBE (mg/kg)
45	<0.0049
50	<0.0049
55	<0.0049
60	<0.0049
65	<0.0049
70	<0.0049
75	**0.0058**
80	**0.0060**
85	<0.0048

MW-11	06/30/11
DEPTH (ft bgs)	MtBE (mg/kg)
50	**0.052**
55	**0.011**
60	**0.17**
65	**0.14**
70	**0.016**

MW-5A	04/03/03
DEPTH (ft bgs)	MtBE (mg/kg)
55.5	**4.0**
57	**2.9**
58.5	**8.6**
60.5	**1.0**
70	**0.30**
75	**0.12**
80	**0.34**
85	**0.19**

CSB-6	01/02/98
DEPTH (ft bgs)	MtBE (mg/kg)
44	<1.2
54.5	<0.05

MW-12	06/30/11
DEPTH (ft bgs)	MtBE (mg/kg)
50	**0.031**
55	**0.14**
57	**0.031**
58	**0.074**

LEGEND:

- GROUNDWATER MONITORING WELL
- GROUNDWATER MONITORING WELL (DEEP)
- ATTEMPTED CPT BORING
- VAPOR EXTRACTION WELL
- DESTROYED VAPOR EXTRACTION WELL
- ABANDONED/DESTROYED GROUNDWATER MONITORING WELL
- SOIL BORING (SHALLOW)
- SOIL BORING (MID)
- SOIL BORING (DEEP)
- EXCAVATION AREA CONDUCTED SEPTEMBER 2000
- EXCAVATION AREA CONDUCTED MARCH 1999
- EXCAVATION AREA CONDUCTED OCTOBER 1997
- EXISTING UNDERGROUND SYSTEM CONVEYANCE PIPING AND TRENCHING

SAMPLE ID	DATE
DEPTH (ft bgs)	MtBE (mg/kg)
50	<0.50

DEPTH / CONSTITUENT

ft bgs FEET BELOW GROUND SURFACE

MtBE METHYL TERTIARY-BUTYL ETHER

(mg/kg) MILLIGRAMS PER KILOGRAM

NA NOT ANALYZED

REFERENCE : THIS FIGURE IS BASED ON PRELIMINARY IMPROVEMENT PLANS PROVIDED BY BKF ENGINEERS DATED JULY 26, 2007. UTILITY LAYOUT AND ORIENTATION ARE BASED ON VARIOUS COUNTY DRAWINGS AS WELL AS FIELD VERIFICATION AND ARE APPROXIMATE. SELECTIVE SAMPLE SURVEY CONDUCTED BY STANTEC PERSONNEL ON OCTOBER 27, 2011, FEBRUARY 2015, AND NOVEMBER 2, 2015.

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Stantec
3017 Kilgore Road, Suite 100
Rancho Cordova, CA 95670
PHONE: (916)384-0704 FAX: (916)861-0430

FOR:
ARCO
SERVICE STATION NO. 0465
151 SOUTHGATE AVENUE
DALY CITY, CALIFORNIA

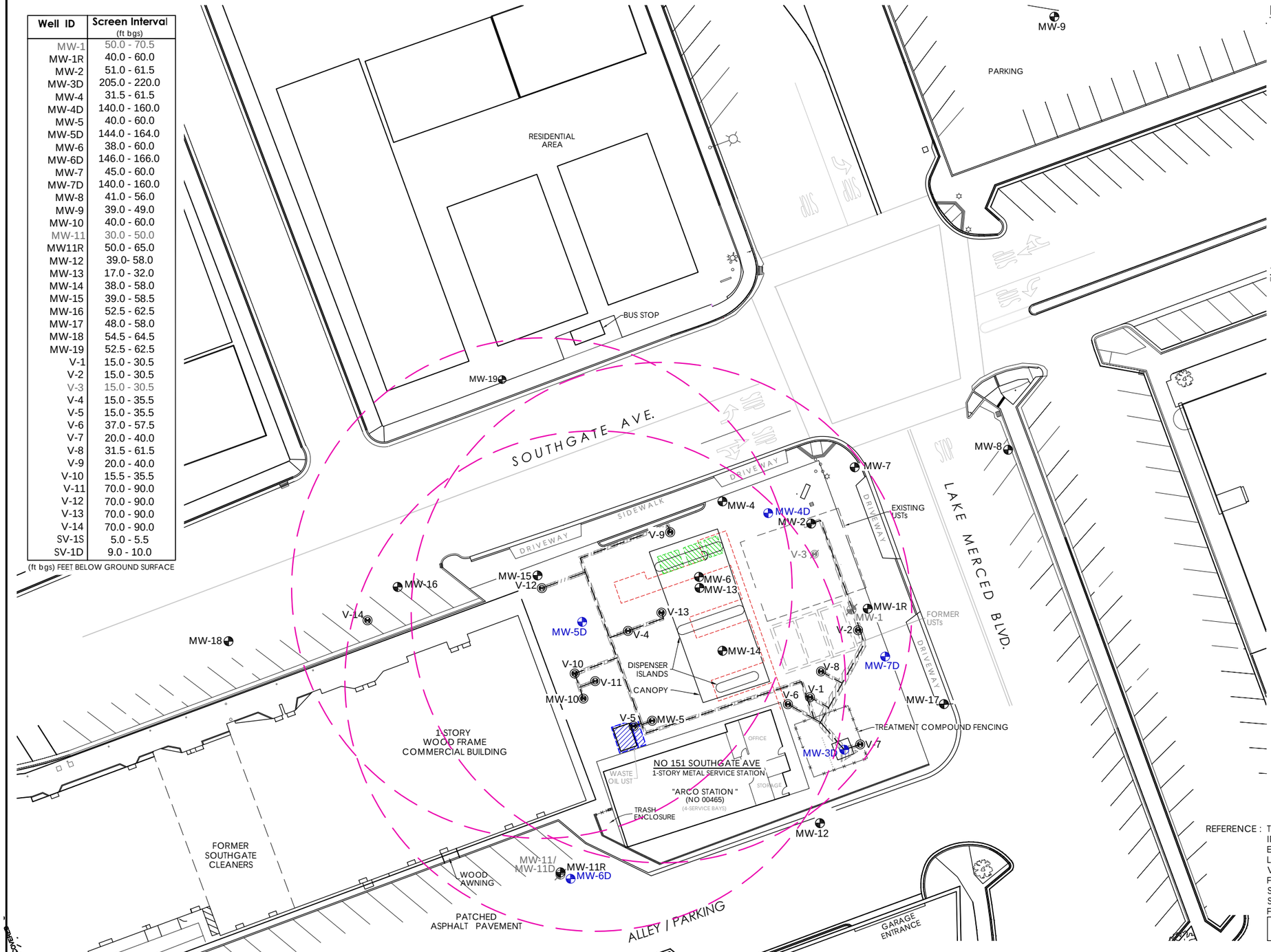
HISTORICAL MtBE SOIL ISOCONCENTRATION CONTOUR MAP - 41 TO 85 FEET BELOW GROUND SURFACE

FIGURE: 12

JOB NUMBER:	DRAWN BY:	CHECKED BY:	APPROVED BY:	DATE:
211611098	JRO	YP/PH	BH	11/16/15

Well ID	Screen Interval (ft bgs)
MW-1	50.0 - 70.5
MW-1R	40.0 - 60.0
MW-2	51.0 - 61.5
MW-3D	205.0 - 220.0
MW-4	31.5 - 61.5
MW-4D	140.0 - 160.0
MW-5	40.0 - 60.0
MW-5D	144.0 - 164.0
MW-6	38.0 - 60.0
MW-6D	146.0 - 166.0
MW-7	45.0 - 60.0
MW-7D	140.0 - 160.0
MW-8	41.0 - 56.0
MW-9	39.0 - 49.0
MW-10	40.0 - 60.0
MW-11	30.0 - 50.0
MW11R	50.0 - 65.0
MW-12	39.0- 58.0
MW-13	17.0 - 32.0
MW-14	38.0 - 58.0
MW-15	39.0 - 58.5
MW-16	52.5 - 62.5
MW-17	48.0 - 58.0
MW-18	54.5 - 64.5
MW-19	52.5 - 62.5
V-1	15.0 - 30.5
V-2	15.0 - 30.5
V-3	15.0 - 30.5
V-4	15.0 - 35.5
V-5	15.0 - 35.5
V-6	37.0 - 57.5
V-7	20.0 - 40.0
V-8	31.5 - 61.5
V-9	20.0 - 40.0
V-10	15.5 - 35.5
V-11	70.0 - 90.0
V-12	70.0 - 90.0
V-13	70.0 - 90.0
V-14	70.0 - 90.0
SV-1S	5.0 - 5.5
SV-1D	9.0 - 10.0

(ft bgs) FEET BELOW GROUND SURFACE



LEGEND:

- GROUNDWATER MONITORING WELL
- GROUNDWATER MONITORING WELL (DEEP)
- VAPOR EXTRACTION WELL
- DESTROYED VAPOR EXTRACTION WELL
- ABANDONED/DESTROYED GROUNDWATER MONITORING WELL
- EXCAVATION AREA CONDUCTED SEPTEMBER 2000
- EXCAVATION AREA CONDUCTED MARCH 1999
- EXCAVATION AREA CONDUCTED OCTOBER 1997
- EXISTING UNDERGROUND SYSTEM CONVEYANCE PIPING AND TRENCHING
- RADIUS OF INFLUENCE (ROI) 96' RADIUS AT V-11, V-12, AND V-13

REFERENCE : THIS FIGURE IS BASED ON PRELIMINARY IMPROVEMENT PLANS PROVIDED BY BKF ENGINEERS DATED JULY 26, 2007. UTILITY LAYOUT AND ORIENTATION ARE BASED ON VARIOUS COUNTY DRAWINGS AS WELL AS FIELD VERIFICATION AND ARE APPROXIMATE. SELECTIVE SAMPLE SURVEY CONDUCTED BY STANTEC PERSONNEL ON OCTOBER 27, 2011, FEBRUARY 2015, AND NOVEMBER 2, 2015.

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Rocklin, CA 95756
PHONE: (916)773-8100 FAX: (916)773-8448

FOR:
ARCO
SERVICE STATION NO. 0465
151 SOUTHGATE AVENUE
DALY CITY, CALIFORNIA

APPROXIMATE DEEP EXTRACTION WELL RADIUS OF INFLUENCE

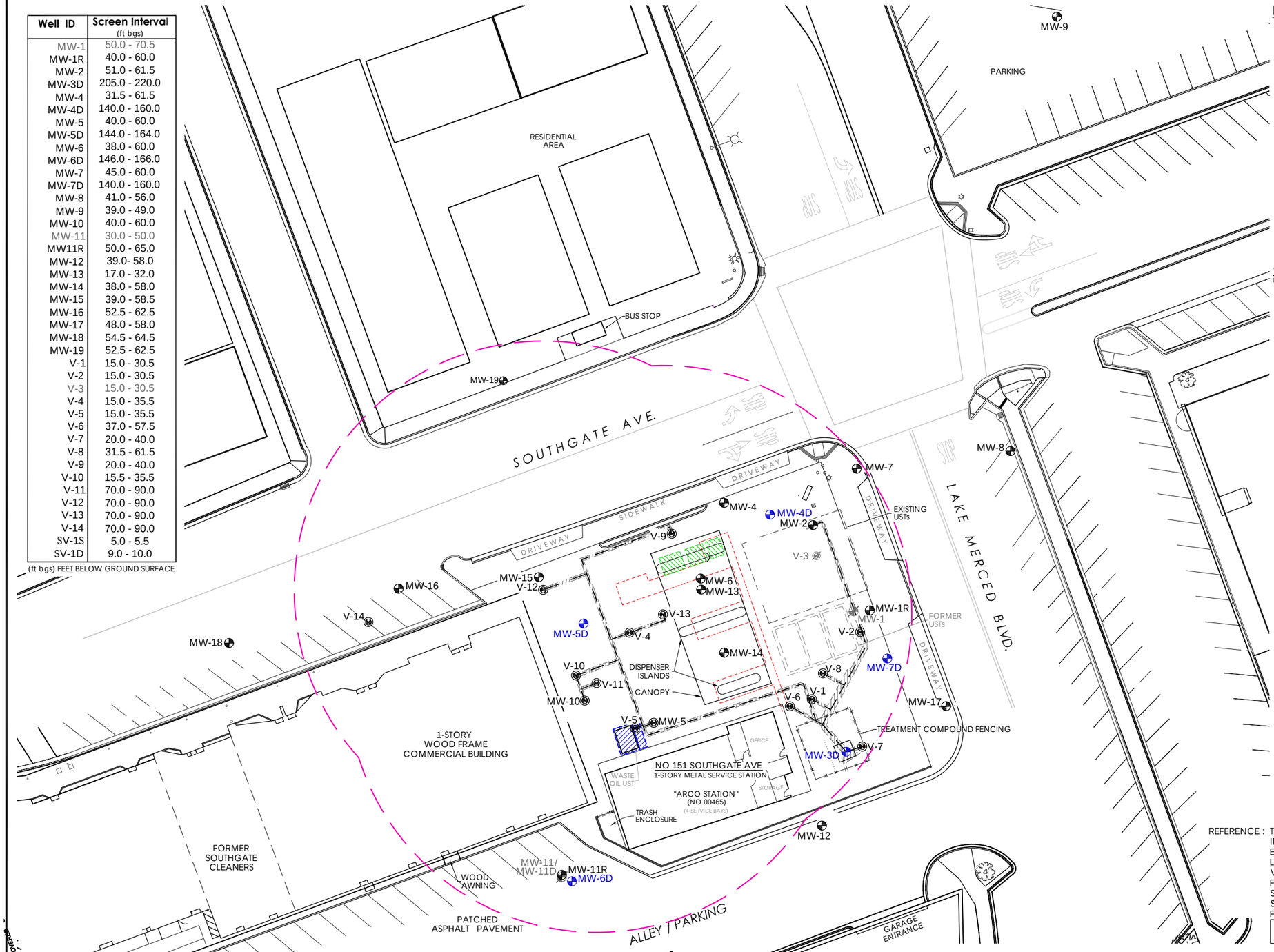
FIGURE: 13A

JOB NUMBER:	DRAWN BY:	CHECKED BY:	APPROVED BY:	DATE:
211611098	JRO	PH/BG	BH	08/17/16

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Well ID	Screen Interval (ft bgs)
MW-1	50.0 - 70.5
MW-1R	40.0 - 60.0
MW-2	51.0 - 61.5
MW-3D	205.0 - 220.0
MW-4	31.5 - 61.5
MW-4D	140.0 - 160.0
MW-5	40.0 - 60.0
MW-5D	144.0 - 164.0
MW-6	38.0 - 60.0
MW-6D	146.0 - 166.0
MW-7	45.0 - 60.0
MW-7D	140.0 - 160.0
MW-8	41.0 - 56.0
MW-9	39.0 - 49.0
MW-10	40.0 - 60.0
MW-11	30.0 - 50.0
MW11R	50.0 - 65.0
MW-12	39.0- 58.0
MW-13	17.0 - 32.0
MW-14	38.0 - 58.0
MW-15	39.0 - 58.5
MW-16	52.5 - 62.5
MW-17	48.0 - 58.0
MW-18	54.5 - 64.5
MW-19	52.5 - 62.5
V-1	15.0 - 30.5
V-2	15.0 - 30.5
V-3	15.0 - 30.5
V-4	15.0 - 35.5
V-5	15.0 - 35.5
V-6	37.0 - 57.5
V-7	20.0 - 40.0
V-8	31.5 - 61.5
V-9	20.0 - 40.0
V-10	15.5 - 35.5
V-11	70.0 - 90.0
V-12	70.0 - 90.0
V-13	70.0 - 90.0
V-14	70.0 - 90.0
SV-1S	5.0 - 5.5
SV-1D	9.0 - 10.0

(ft bgs) FEET BELOW GROUND SURFACE



LEGEND:

- GROUNDWATER MONITORING WELL
- GROUNDWATER MONITORING WELL (DEEP)
- VAPOR EXTRACTION WELL
- DESTROYED VAPOR EXTRACTION WELL
- ABANDONED/DESTROYED GROUNDWATER MONITORING WELL
- EXCAVATION AREA CONDUCTED SEPTEMBER 2000
- EXCAVATION AREA CONDUCTED MARCH 1999
- EXCAVATION AREA CONDUCTED OCTOBER 1997
- EXISTING UNDERGROUND SYSTEM CONVEYANCE PIPING AND TRENCHING
- RADIUS OF INFLUENCE (ROI) AT V-11, V-12, AND V-13

REFERENCE : THIS FIGURE IS BASED ON PRELIMINARY IMPROVEMENT PLANS PROVIDED BY BKF ENGINEERS DATED JULY 26, 2007. UTILITY LAYOUT AND ORIENTATION ARE BASED ON VARIOUS COUNTY DRAWINGS AS WELL AS FIELD VERIFICATION AND ARE APPROXIMATE. SELECTIVE SAMPLE SURVEY CONDUCTED BY STANTEC PERSONNEL ON OCTOBER 27, 2011, FEBRUARY 2015, AND NOVEMBER 2, 2015.

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Rocklin, CA 95756
PHONE: (916)773-8100 FAX: (916)773-8448

FOR:
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SERVICE STATION NO. 0465
151 SOUTHGATE AVENUE
DALY CITY, CALIFORNIA

APPROXIMATE DEEP EXTRACTION WELL RADIUS OF INFLUENCE

FIGURE: 13B

JOB NUMBER:	DRAWN BY:	CHECKED BY:	APPROVED BY:	DATE:
211611098	JRO	PH/BG	BH	08/17/16

FILEPATH:U:\211611098\05_report_deliv\drawings_design\211611098_bp-arco_465_2016.dwg | Layout Tab: fig13b_roi | Drafter: jopalekopsahl | Aug 17, 2016 at 11:57

Tables

Table 1
Soil Boring and Well Construction Details
ARCO Service Station No. 465
151 Southgate Avenue, Daly City, California

Well I.D.	Drill Date	Boring Depth (feet bgs)	Well Diameter (inches)	Screen		Screen Length (feet)	Comments
				Top (feet bgs)	Bottom (feet bgs)		
Soil Borings							
SB-1	11/29/01	57.0	--	--	--	--	SECOR boring
SB-1A	07/19/05	71.5	--	--	--	--	URS boring
SB-2	07/18/05	71.5	--	--	--	--	
SB-3	07/15/05	81.5	--	--	--	--	
SB-4	09/29/05	55.0	--	--	--	--	
SB-5	09/29/05	50.0	--	--	--	--	
SB-6	09/26/05	5.0	--	--	--	--	Refusal 5 ft, No Samples
SB-7	09/27/05	60.0	--	--	--	--	
SB-8	09/27/05	75.0	--	--	--	--	
SB-9	09/27/05	60.0	--	--	--	--	
SB-10	09/28/05	50.0	--	--	--	--	
SB-11	03/21/13	120.0	--	--	--	--	
SB-12	03/27/13	100.0	--	--	--	--	
SB-13	03/25/13	100.0	--	--	--	--	
SB-14	01/08/15	130.0	--	--	--	--	
SB-15	12/10/14	180.5	--	--	--	--	
SB-16	01/13/15	133.0	--	--	--	--	
SB-17	01/14/15	130.0	--	--	--	--	
SB-18	10/21/15	130.0	--	--	--	--	Drlled from 10/21/15 - 10/22/15
SB-19	11/03/15	130.0	--	--	--	--	Drlled from 11/3/15 - 11/4/15
SB-20	10/27/15	23.5	--	--	--	--	Refusal at 23.5 ft
SB-20B	10/28/15	23.5	--	--	--	--	Refusal at 23.5 ft
SB-20C	02/23/16	20.0	--	--	--	--	Refusal at 20 ft
SB-20D	05/10/16	131.0	--	--	--	--	Drilled from 5/10/16 - 5/17/16
SB-21	10/29/15	40.0	--	--	--	--	
SB-22	10/29/15	35.0	--	--	--	--	
MW-5A	04/03/03	85.0	--	--	--	--	
CSB-1	01/20/98	30.5	--	--	--	--	
CSB-2	01/21/98	30.5	--	--	--	--	
CSB-3	01/20/98	31.5	--	--	--	--	
CSB-4	01/21/98	55.5	--	--	--	--	
CSB-5	01/20/98	30.5	--	--	--	--	
CSB-6	01/20/98	55.5	--	--	--	--	
HA-1	12/10/14	5.0	--	--	--	--	
HA-2	12/10/14	5.0	--	--	--	--	
HA-3	12/09/14	5.0	--	--	--	--	
Monitoring Wells							
MW-1	03/16/92	70.5	4	50.0	70.5	21.0	Destroyed 10/30/15
MW-1R	12/22/14	61.5	4	40.0	60.0	20.0	Bentonite 60 to 61.5 ft bgs
MW-2	03/20/92	66.5	4	51.0	61.5	10.5	Bentenoite 61.5 to 66 ft bgs
MW-3D	08/05/92	220.0	4	205.0	220.0	15.0	Deep Monitoring Well
MW-4	05/20/93	68.0	4	31.5	61.5	30.0	Cemented 61.5 to 68 ft bgs
MW-4D	02/04/15	161.5	4	140.0	160.0	20.0	Deep Monitoring Well
MW-5	11/29/01	60.0	4	40.0	60.0	20.0	Deep SVE well

Table 1
Soil Boring and Well Construction Details
ARCO Service Station No. 465
151 Southgate Avenue, Daly City, California

Well I.D.	Drill Date	Boring Depth (feet bgs)	Well Diameter (inches)	Screen		Screen Length (feet)	Comments
				Top (feet bgs)	Bottom (feet bgs)		
Monitoring Wells (continued)							
MW-5D	01/23/15	165.0	4	144.0	164.0	20.0	Deep Monitoring Well
MW-6	11/30/01	60.0	4	38.0	60.0	22.0	
MW-6D	01/29/15	167.5	4	146.0	166.0	20.0	Deep Monitoring Well
MW-7	08/28/08	61.5	2	45.0	60.0	15.0	
MW-7D	01/20/15	161.5	4	140.0	160.0	20.0	Deep Monitoring Well
MW-8	08/28/08	59.0	2	41.0	56.0	15.0	
MW-9	08/29/08	56.5	2	39.0	49.0	10.0	Bentonite 50 to 56.5 ft bgs
MW-10	06/29/11	60.0	4	40.0	60.0	20.0	
MW-11	06/30/11	70.0	4	30.0	50.0	20.0	Destroyed 11/05/15
MW-11R	11/05/15	70.0	2	50.0	65.0	15.0	Redrill deepening of MW-11, bentonite 65 to 70 ft bgs
MW-12	06/28/11	58.0	4	39.0	58.0	19.0	
MW-13	01/07/15	80.5	2	17.0	32.0	15.0	Bentonite 34 to 80 ft bgs
MW-14	01/05/15	80.5	2	38.0	58.0	20.0	Bentonite 58 to 80.5 ft bgs
MW-15	12/18/14	90.0	4	39.0	58.5	19.5	Bentonite 59 to 90 ft bgs
MW-16	01/28/15	62.5	2	52.5	62.5	10.0	
MW-17	01/28/15	60.0	2	48.0	58.0	10.0	Bentonite 58 to 60 ft bgs
MW-18	10/26/15	64.5	2	54.5	64.5	10.0	
MW-19	05/10/16	62.5	2	52.5	62.5	10.0	Drilled from 5/10/16 - 5/17/16
Vapor Extraction Wells							
V-1	03/17/92	31.0	4	15.0	30.5	15.5	
V-2	03/19/92	30.5	4	15.0	30.5	15.5	
V-3	03/17/92	31.0	4	15.0	30.5	15.5	Destroyed 8/29/2000
V-4	03/26/92	65.0	4	15.0	35.5	20.5	Bentonite 38 to 65 ft bgs
V-5	03/18/92	90.0	4	15.0	35.5	20.5	Cement 38-90 ft bgs
V-6	03/31/92	80.5	4	37.0	57.5	20.5	Bentonite 58.5 to 80.5 ft bgs
V-7	07/22/92	85.0	4	20.0	40.0	20.0	Bentonite 45 to 85 ft bgs
V-8	05/19/93	85.0	4	31.5	61.5	30.0	Cement 61.5 to 85 ft bgs
V-9	06/27/11	40.0	4	20.0	40.0	20.0	
V-10	06/29/11	36.0	4	15.5	35.5	20.0	
V-11	12/16/14	121.0	4	70.0	90.0	20.0	Bentonite 90 to 121 ft bgs
V-12	10/15/15	90.0	4	70.0	90.0	20.0	
V-13	10/13/15	90.0	4	70.0	90.0	20.0	
V-14	05/09/16	91.5	4	70.0	90.0	20.0	Drilled from 5/9/16 - 5/12/16
Soil Vapor Probe							
SV-1S	06/07/11	5.5	0.75	5.0	5.5	0.5	Nested Soil Vapor Probe
SV-1D	06/07/11	10.0	1	9	10	1	Nested Soil Vapor Probe

Explanation

Wells are of poly-vinyl-chloride (PVC) construction

ft bgs = Feet Below ground surface

-- = Denotes unknown data or not applicable

TABLE 2
Historical Soil Analytical Data
ARCO Service Station No. 0465
151 Southgate Avenue, Daly City, CA

Sample ID	Date	Depth (ft bgs)	GRO (mg/kg)	DRO (mg/kg)	ORO (mg/kg)	Benzene (mg/kg)	Toluene (mg/kg)	Ethylbenzene (mg/kg)	Xylenes (mg/kg)	MtBE (mg/kg)	DIPE (mg/kg)	ETBE (mg/kg)	TAME (mg/kg)	TBA (mg/kg)	Ethanol (mg/kg)	1,2-DCA (mg/kg)	EDB (mg/kg)
Gasoline UST Samples																	
S-2-TP1	8/29/00	2	<1.00	--	--	<0.00500	<0.00500	<0.00500	<0.00500	<0.0500	--	--	--	--	--	--	--
S-2-TP2	8/29/00	2	<1.00	--	--	<0.00500	<0.00500	<0.00500	<0.00500	<0.0500	--	--	--	--	--	--	--
S-13-TP1N	8/31/00	13	**19.2**	--	--	<0.0125	**0.0493**	**0.0511**	**0.374**	**10.6 / 61.3**	<1.00	<1.00	<1.00	<50.0	<500	<1.00	<1.00
S-12-TP1S	8/31/00	12	**5,830**	--	--	<5.00	**461**	**125**	**769**	**262 / 264**	<5.00	<5.00	<5.00	<250	<2,500	<5.00	<5.00
S-13-TP1M	8/31/00	13	**6,590**	--	--	<5.00	**462**	**130**	**804**	**339 / 956**	<20.0	<20.0	<20.0	<1,000	<10,000	<20.0	<20.0
S-11-TP2N	8/31/00	11	<1.00	--	--	<0.00500	<0.00500	<0.00500	<0.00500	**25.2 / 38.3**	<0.500	<0.500	<0.500	<25.0	<250	<0.500	<0.500
S-12-TP2S	8/31/00	12	**4,650**	--	--	<5.00	**59.6**	**36.6**	**403**	<50.0 **/ 33.3**	<2.00	<2.00	<2.00	<100	<1,000	<2.00	<2.00
S-13-TP3S	8/31/00	13	**59.7**	--	--	<0.0500	<0.0500	<0.0500	**0.0958**	**4.93 / 14.0**	<0.200	<0.200	<0.200	<10.0	<100	<0.200	<0.200
S-11-TP3N	8/31/00	11	<1.00	--	--	**0.00560**	**0.0199**	<0.00500	**0.0172**	**9.59 / 16.6**	<0.200	<0.200	<0.200	<10.0	<100	<0.200	<0.200
S-18-TP2SE	9/6/00	18	**3,440**	--	--	<2.50	**199**	**75.3**	**469**	**88.8 / 140**	<2.00	<2.00	<2.00	<100	--	<2.00	<2.00
S-18-TP2SW	9/6/00	18	**2,420**	--	--	**6.18**	**74.9**	**51.1**	**361**	<25.0 **/ 38.7**	<2.00	<2.00	<2.00	<100	--	<2.00	<2.00
S-18-TP2NE	9/6/00	18	<1.00	--	--	<0.00500	<0.00500	<0.00500	<0.00500	**0.300 / 0.768**	<0.100	<0.100	<0.100	<5.00	--	<0.100	<0.100
S-18-TP2NW	9/6/00	18	**1.80**	--	--	<0.00500	<0.0050	<0.00500	**0.0107**	**1.14 / 3.30**	<0.100	<0.100	<0.100	<5.00	--	<0.100	<0.100
Waste Oil UST Samples																	
WO-1-8	10/21/97	8	**2,700**	**2,700**	**--**	<1.0	<1.0	**2.7**	**12**	<5.0	--	--	--	--	--	--	--
WO-2-15	10/30/97	15	**2,900**	**3,100**	**--**	<5.0	<5.0	<5.0	**16**	**0.69**	--	--	--	--	--	--	--
WO-3-7	10/30/97	7	**860**	**330**	**--**	<0.25	<0.25	<0.25	**2.3**	**0.17**	--	--	--	--	--	--	--
WO-4-4	10/30/97	4	**2,100**	**4,000**	**--**	<5.0	<5.0	<5.0	**25**	**7.8**	--	--	--	--	--	--	--
					--												
Fuel Line/Dispenser Samples																	
T-1	3/5/99	3	<1.0	--	--	<0.0050	<0.0050	<0.0050	<0.0050	**0.22**	--	--	--	--	--	--	--
T-2	3/5/99	3	**3,000**	--	--	**18**	**170**	**45**	**280**	**14**	--	--	--	--	--	--	--
T-2A	3/10/99	10	**9,700**	--	--	**82**	**650**	**7.4**	**990**	**500**	--	--	--	--	--	--	--
T-3	3/5/99	3	<1.0	--	--	<0.0050	<0.0050	<0.0050	**0.0074**	**1.7**	--	--	--	--	--	--	--
T-4	3/5/99	3	**3,500**	--	--	**5.5**	**35**	**20**	<0.0050	**3.4**	--	--	--	--	--	--	--
T-4A	3/10/99	8	<1.0	--	--	<0.0050	**0.0060**	<0.0050	<0.0050	**1.6**	--	--	--	--	--	--	--
T-5	3/5/99	3	<1.0	--	--	<0.0050	<0.0050	<0.0050	<0.0050	**0.046**	--	--	--	--	--	--	--
T-6	3/5/99	3	**2,400**	--	--	**2.0**	**4.1**	**7.4**	<0.005	**2.4**	--	--	--	--	--	--	--
T-6A	3/10/99	4	<1.0	--	--	<0.0050	<0.0050	<0.0050	<0.0050	**0.38**	--	--	--	--	--	--	--
D-1	3/5/99	3	**1.4**	--	--	**0.0087**	**0.0098**	<0.0050	**0.28**	**6.0**	--	--	--	--	--	--	--
D-2	3/5/99	3	**6,500**	--	--	**120**	**540**	**100**	**680**	**150**	--	--	--	--	--	--	--
D-3	3/5/99	3	**1.4**	--	--	<0.0050	**0.0062**	<0.0050	**0.0077**	**4.9**	--	--	--	--	--	--	--
D-4	3/5/99	3	**8,900**	--	--	**20**	**100**	**35**	**1,000**	**77**	--	--	--	--	--	--	--
D-5	3/5/99	3	**5,100**	--	--	<2.0	**34**	**64**	**480**	<10	--	--	--	--	--	--	--
D-5A	3/10/99	3.5	<1.0	--	--	<0.005	<0.0050	<0.0050	<0.0050	**0.18**	--	--	--	--	--	--	--
D-6	3/5/99	3	**5.2**	--	--	<0.0050	**0.058**	<0.0050	**0.013**	**0.18**	--	--	--	--	--	--	--
D-7	3/5/99	3	**57**	--	--	<0.0050	**2.9**	<0.0050	**0.40**	**3.2**	--	--	--	--	--	--	--
D-8	3/5/99	3	**1,300**	--	--	**0.99**	<0.005	**1.5**	**27**	**4.4**	--	--	--	--	--	--	--
D-8A	3/10/99	8	**2.8**	--	--	<0.0050	<0.0050	<0.0050	**0.031**	**0.95**	--	--	--	--	--	--	--
S-2-D1	9/6/00	2	**19.9**	--	--	<0.0125	<0.0125	<0.0125	**0.160**	**0.311 / 0.172**	<0.100	<0.100	<0.100	<5.00	--	<0.100	<0.100
S-2-D2	9/6/00	2	**3,410**	--	--	<2.50	**4.52**	**12.8**	**96.8**	<25.0 **/ 4.48**	<0.500	<0.500	<0.500	<25.0	--	<0.500	<0.500
S-2-D3	9/6/00	2	**2.43**	--	--	<0.00500	<0.00500	<0.00500	<0.00500	<0.0500 / <0.100	<0.100	<0.100	<0.100	<5.00	--	<0.100	<0.100
S-2-D4	9/6/00	2	<1.00	--	--	<0.00500	<0.00500	<0.00500	<0.00500	<0.0500 / <0.100	<0.100	<0.100	<0.100	<5.00	--	<0.100	<0.100
S-2-D5	9/6/00	2	**3.97**	--	--	<0.00500	<0.00500	<0.00500	<0.00500	**0.0703** / <0.100	<0.100	<0.100	<0.100	<5.00	--	<0.100	<0.100

TABLE 2
Historical Soil Analytical Data
ARCO Service Station No. 0465
151 Southgate Avenue, Daly City, CA

Sample ID	Date	Depth (ft bgs)	GRO (mg/kg)	DRO (mg/kg)	ORO (mg/kg)	Benzene (mg/kg)	Toluene (mg/kg)	Ethylbenzene (mg/kg)	Xylenes (mg/kg)	MtBE (mg/kg)	DIPE (mg/kg)	ETBE (mg/kg)	TAME (mg/kg)	TBA (mg/kg)	Ethanol (mg/kg)	1,2-DCA (mg/kg)	EDB (mg/kg)
S-2-D6	9/6/00	2	<1.00	--	--	<0.00500	<0.00500	<0.00500	<0.00500	**0.0592 / 0.132**	<0.100	<0.100	<0.100	<5.00	--	<0.100	<0.100
S-2-D7	9/6/00	2	<1.00	--	--	<0.00500	**0.00540**	<0.00500	**0.0133**	<0.0500 / <0.100	<0.100	<0.100	<0.100	<5.00	--	<0.100	<0.100
S-2-D8	9/6/00	2	<1.00	--	--	<0.00500	<0.00500	<0.00500	<0.00500	**0.0561** / <0.100	<0.100	<0.100	<0.100	<5.00	--	<0.100	<0.100
S-5-D1N	9/6/00	5	<1.00	--	--	<0.00500	<0.00500	<0.00500	<0.00500	<0.0500 / <0.100	<0.100	<0.100	<0.100	<5.00	--	<0.100	<0.100
S-5-D1S	9/6/00	5	**2.06**	--	--	<0.00500	<0.00500	<0.00500	**0.0102**	<0.500 / <0.100	<0.100	<0.100	<0.100	<5.00	--	<0.100	<0.100
S-5-D1W	9/6/00	5	**4.40**	--	--	<0.00500	<0.00500	<0.00500	**0.00770**	<0.500 / <0.100	<0.100	<0.100	<0.100	<5.00	--	<0.100	<0.100
S-5-D1E	9/6/00	5	<1.00	--	--	<0.00500	<0.00500	<0.00500	<0.00500	<0.500 / <0.100	<0.100	<0.100	<0.100	<5.00	--	<0.100	<0.100
S-5-D1B	9/6/00	5	<1.00	--	--	<0.00500	<0.00500	<0.00500	<0.00500	<0.500 / <0.100	<0.100	<0.100	<0.100	<5.00	--	<0.100	<0.100
S-6-D2N	9/6/00	6	**254**	--	--	<0.250	<0.250	<0.250	**2.28**	<2.50 / <0.100	<0.100	<0.100	<0.100	<5.00	--	<0.100	<0.100
S-6-D2S	9/6/00	6	**252**	--	--	<0.250	<0.250	<0.250	**5.30**	<2.50 **/ 0.312**	<0.200	<0.200	<0.200	<10.0	--	<0.200	<0.200
S-6-D2E	9/6/00	6	**2,040**	--	--	<1.25	**8.11**	**2.63**	**53.4**	<12.5 **/ 4.61**	<0.200	<0.200	<0.200	<10.0	--	<0.200	<0.200
S-6-D2W	9/6/00	6	**170**	--	--	<0.100	<0.100	**0.121**	**0.577**	<1.00 / <0.500	<0.500	<0.500	<0.500	<25.0	--	<0.500	<0.500
S-6-D2B	9/6/00	6	**543**	--	--	<0.250	<0.250	**0.397**	**10.2**	<2.50 / <0.500	<0.500	<0.500	<0.500	<25.0	--	<0.500	<0.500
S-5-D3N	9/6/00	5	<1.00	--	--	<0.00500	<0.00500	<0.00500	<0.00500	<0.0500 / <0.100	<0.100	<0.100	<0.100	<5.00	--	<0.100	<0.100
S-5-D3S	9/6/00	5	**2.38**	--	--	<0.00500	<0.00500	<0.00500	<0.00500	<0.0500 / <0.100	<0.100	<0.100	<0.100	<5.00	--	<0.100	<0.100
S-5-D3E	9/6/00	5	<1.00	--	--	<0.00500	<0.00500	<0.00500	<0.00500	<0.0500 / <0.100	<0.100	<0.100	<0.100	<5.00	--	<0.100	<0.100
S-5-D3W	9/6/00	5	<1.00	--	--	<0.00500	<0.00500	<0.00500	<0.00500	<0.0500 / <0.100	<0.100	<0.100	<0.100	<5.00	--	<0.100	<0.100
S-5-D3B	9/6/00	5	<1.00	--	--	<0.00500	<0.00500	<0.00500	<0.00500	<0.0500 / <0.100	<0.100	<0.100	<0.100	<5.00	--	<0.100	<0.100
Soil Boring Samples																	
CSB-1	1/20/98	15	<1	--	--	<0.005	<0.005	<0.005	**0.009**	<0.05	--	--	--	--	--	--	--
		29.5	<1	--	--	<0.005	<0.005	<0.005	<0.005	<0.05	--	--	--	--	--	--	--
CSB-2	1/21/98	15	<1	--	--	<0.005	<0.005	<0.005	<0.005	<0.05	-	--	--	--	--	--	--
		25	**11**	--	--	<0.005	<0.005	<0.005	**0.006**	<0.05	--	--	--	--	--	--	--
		30	<1	--	--	<0.005	<0.005	<0.005	<0.005	<0.05	--	--	--	--	--	--	--
CSB-3	1/20/98	15	**2**	--	--	<0.005	**0.012**	**0.005**	**0.068**	**0.66**	--	--	--	--	--	--	--
		21	**12**	--	--	<0.005	**0.02**	**0.009**	**1.2**	**0.15**	--	--	--	--	--	--	--
		25	**19**	--	--	<0.005	**0.007**	**0.025**	**1.5**	<0.05	--	--	--	--	--	--	--
		31	<1	--	--	<0.005	**0.008**	<0.005	**0.041**	<0.05	--	--	--	--	--	--	--
CSB-4	1/21/98	20	<1	--	--	<0.005	<0.005	<0.005	**0.007**	<0.05	--	--	--	--	--	--	--
		25	<1	--	--	<0.005	<0.005	<0.005	<0.005	<0.05	--	--	--	--	--	--	--
		30	<1	--	--	<0.005	<0.005	<0.005	<0.005	<0.05	--	--	--	--	--	--	--
		40	<1	--	--	<0.005	<0.005	<0.005	<0.005	<0.05	--	--	--	--	--	--	--
		54.5	<1	--	--	<0.005	**0.005**	<0.005	<0.005	<0.05	--	--	--	--	--	--	--
CSB-5	1/20/98	20	**760**	--	--	<0.25	**0.49**	**10**	**71**	<2.5	--	--	--	--	--	--	--
		24.5	**300**	--	--	<0.12	**2.1**	**1.8**	**35**	<0.07	--	--	--	--	--	--	--
		29	**12**	--	--	<0.005	**0.17**	**0.086**	**1.5**	<0.05	--	--	--	--	--	--	--
CSB-6	1/20/98	5	**2,900**	**11,000** [1]	--	<1.2	<1.2	**8.9**	**49**	<13	--	--	--	--	--	--	--
		15	**1,800**	**2,400** [2]	--	<1.2	<1.2	**2.5**	**14**	<13	--	--	--	--	--	--	--
		29.5	**39**	**140** [3]	--	<0.012	**0.016**	**0.059**	**0.3**	<0.12	--	--	--	--	--	--	--
		34.5	**10**	**18** [4]	--	<0.005	<0.005	**0.008**	**0.074**	<0.05	--	--	--	--	--	--	--
		44	**550**	**510** [5]	--	<0.12	<0.12	**0.27**	**1.7**	<1.2	--	--	--	--	--	--	--
		54.5	**15**	**20** [6]	--	<0.005	<0.005	**0.01**	**0.056**	<0.05	--	--	--	--	--	--	--
SB-1	11/29/01	5	<1.0	--	--	<0.0050	**0.0057**	<0.0050	<0.0050	<0.10	<0.10	<0.10	<0.10	<5.0	--	<0.10	<0.10
		9.5	**6.6**	--	--	<0.0050	**0.15**	**0.016**	**0.49**	**1.5**	<0.10	<0.10	<0.10	<5.0	--	<0.10	<0.10
		14	**440**	--	--	**0.34**	**18**	**7.4**	**50**	**13**	<0.33	<0.33	<0.33	<17	--	<0.33	<0.33

TABLE 2
Historical Soil Analytical Data
ARCO Service Station No. 0465
151 Southgate Avenue, Daly City, CA

Sample ID	Date	Depth (ft bgs)	GRO (mg/kg)	DRO (mg/kg)	ORO (mg/kg)	Benzene (mg/kg)	Toluene (mg/kg)	Ethylbenzene (mg/kg)	Xylenes (mg/kg)	MtBE (mg/kg)	DIPE (mg/kg)	ETBE (mg/kg)	TAME (mg/kg)	TBA (mg/kg)	Ethanol (mg/kg)	1,2-DCA (mg/kg)	EDB (mg/kg)
SB-1		20.5	**1.5**	--	--	**0.034**	**0.096**	**0.022**	**0.18**	**4.0**	<0.10	<0.10	<0.10	<5.0	--	<0.10	<0.10
(Cont.)		25.5	**96**	--	--	<0.050	**0.41**	**0.095**	**0.77**	**1.2**	<0.10	<0.10	<0.10	<5.0	--	<0.10	<0.10
		30.5	<1.0	--	--	<0.0050	**0.0081**	<0.0050	**0.0067**	<0.10	<0.10	<0.10	<0.10	<5.0	--	<0.10	<0.10
		49	<1.0	--	--	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	<0.10	<0.10	<0.10	<5.0	--	<0.10	<0.10
MW-5A	4/3/03	24.5	**3,200**	**1,500**		**1.6**	**160**	**54**	**480**	**35**	<0.25	<0.25	<0.25	<50	<100	<0.25	<0.25
		55.5	**7.3**	<1.0		<0.050	**0.079**	<0.050	**0.2**	**4.0**	<0.025	<0.025	<0.025	<5.0	<10	<0.025	<0.025
		57	**5.4**	<1.0		<0.050	<0.050	<0.050	<0.050	**2.9**	<0.025	<0.025	<0.025	<5.0	<10	<0.025	<0.025
		58.5	**14**	**1.0**		<0.050	<0.050	<0.050	<0.050	**8.6**	<0.025	<0.025	<0.025	<5.0	<10	<0.025	<0.025
		60.5	<5.0	<1.0		<0.050	<0.050	<0.050	**0.056**	**1.0**	<0.025	<0.025	<0.025	<5.0	<10	<0.025	<0.025
		70	<5.0	<1.0		<0.050	<0.050	<0.050	<0.050	**0.3**	<0.025	<0.025	<0.025	<5.0	<10	<0.025	<0.025
		75	<5.0	<1.0		<0.050	<0.050	<0.050	<0.050	**0.12**	<0.025	<0.025	<0.025	<5.0	<10	<0.025	<0.025
		80	<5.0	<1.0		<0.050	<0.050	<0.050	<0.050	**0.34**	<0.025	<0.025	<0.025	<5.0	<10	<0.025	<0.025
		85	<5.0	<1.0		<0.050	<0.050	<0.050	<0.050	**0.19**	<0.025	<0.025	<0.025	<5.0	<10	<0.025	<0.025
SB-1A	7/19/05	6.5	<2.5	--	--	<0.05	<0.05	<0.05	<0.05	**0.034**	<0.025	<0.025	<0.025	<5.0	<10	<0.025	<0.025
		11.5	**2.9**	--	--	<0.05	<0.05	<0.05	<0.05	**1.1**	<0.025	<0.025	<0.025	<5.0	<10	<0.025	<0.025
		16.5	**2,700**	--	--	<0.25	<0.25	<0.25	<0.25	**7.9**	<1.2	<1.2	<1.2	<250	<500	<1.2	<1.2
		21.5	**190**	--	--	<0.25	<0.25	<0.25	**3.7**	**120**	<1.2	<1.2	<1.2	<250	<500	<1.2	<1.2
		26.5	**91**	--	--	<1.0	**1.3**	<1.0	**4.0**	**38**	<0.5	<0.5	<0.5	<100	<200	<0.5	<0.5
		31.5	**480**	--	--	<1.0	**6.3**	**1.5**	**49**	**55**	<0.5	<0.5	<0.5	<100	<200	<0.5	<0.5
		36.5	**410**	--	--	<1.0	**7.8**	**4.2**	41	**31**	<0.5	<0.5	<0.5	<100	<200	<0.5	<0.5
		41.5	**29**	--	--	<0.05	<0.05	<0.05	<0.05	**20**	<0.25	<0.25	<0.25	<50	<100	<0.25	<0.25
		46.5	**1,200**	--	--	<10	**23**	**10**	**83**	**15**	<5.0	<5.0	<5.0	<1,000	<2,000	<5.0	<5.0
		51.5	**13**	--	--	<0.25	<0.25	<0.25	<0.25	**8.1**	<0.12	<0.12	<0.12	<25	<50	<0.12	<0.12
		56.5	**19**	--	--	<0.25	<0.25	<0.25	<0.25	**16**	<0.12	<0.12	<0.12	<25	<50	<0.12	<0.12
		61.5	**15**	--	--	<0.25	<0.25	<0.25	<0.25	**11**	<0.12	<0.12	<0.12	<25	<50	<0.12	<0.12
		66.5	<2.5	--	--	<0.05	<0.05	<0.05	<0.05	**0.22**	<0.025	<0.025	<0.025	<5.0	<10	<0.025	<0.025
		71.5	<2.5	--	--	<0.05	<0.05	<0.05	<0.05	**0.065**	<0.025	<0.025	<0.025	<5.0	<10	<0.025	<0.025
SB-2	7/18/05	6.5	**0.10**	--	--	<0.0048	**0.009**	<0.0048	<0.0048	**0.069**	<0.0048	<0.0048	<0.0048	<0.019	<0.096	<0.0048	<0.0048
		10.5	<0.099	--	--	<0.005	<0.005	<0.005	<0.005	**0.045**	<0.005	<0.005	<0.005	<0.02	<0.099	<0.005	<0.005
		15.5	<0.097	--	--	<0.0048	<0.0048	<0.0048	<0.0048	**0.019**	<0.0048	<0.0048	<0.0048	<0.019	<0.097	<0.0048	<0.0048
		20.5	<0.097	--	--	<0.0048	<0.0048	<0.0048	<0.0048	**0.026**	<0.0048	<0.0048	<0.0048	<0.019	<0.097	<0.0048	<0.0048
		25.5	<0.097	--	--	<0.0048	<0.0048	<0.0048	<0.0048	**0.068**	<0.0048	<0.0048	<0.0048	**0.13**	<0.097	<0.0048	<0.0048
		30.5	**3.1**	--	--	<0.05	<0.05	<0.05	<0.05	**1.5**	<0.025	<0.025	<0.025	<5.0	<10	<0.05	<0.05
		36	**5.5**	--	--	<0.05	<0.05	<0.05	<0.05	**4.4**	<0.025	<0.025	<0.025	<5.0	<10	<0.05	<0.05
		40.5	**5.0**	--	--	<0.05	<0.05	<0.05	<0.05	**3.7**	<0.025	<0.025	<0.025	<5.0	<10	<0.05	<0.05
		45.5	**5.9**	--	--	<0.05	<0.05	<0.05	<0.05	**4.7**	<0.025	<0.025	<0.025	<5.0	<10	<0.05	<0.05
		50.5	**3.9**	--	--	<0.05	<0.05	<0.05	<0.05	**2.5**	<0.025	<0.025	<0.025	<5.0	<10	<0.05	<0.05
		56.5	**2.7**	--	--	<0.05	<0.05	<0.05	<0.05	**1.1**	<0.025	<0.025	<0.025	<5.0	<10	<0.05	<0.05
		60	**3.2**	--	--	<0.05	<0.05	<0.05	<0.05	**1.8**	<0.025	<0.025	<0.025	<5.0	<10	<0.05	<0.05
		66.5	**2.6**	--	--	<0.05	<0.05	<0.05	<0.05	**0.86**	<0.025	<0.025	<0.025	<5.0	<10	<0.05	<0.05
		71.5	<2.5	--	--	<0.05	<0.05	<0.05	<0.05	**0.45**	<0.025	<0.025	<0.025	<5.0	<10	<0.05	<0.05
SB-3	7/18/05	7.5	<0.096	--	--	<0.0048	<0.0048	<0.0048	<0.0048	**0.071**	<0.0048	<0.0048	<0.0048	<0.019	<0.096	<0.0048	<0.0048
		11.5	<0.5	--	--	<0.025	<0.025	<0.025	<0.025	**0.087**	<0.025	<0.025	<0.025	<0.1	<0.5	<0.025	<0.025
		16	<0.5	--	--	<0.025	<0.025	<0.025	<0.025	**0.12**	<0.025	<0.025	<0.025	<0.1	<0.5	<0.025	<0.025
		20.5	**18**	--	--	<0.05	**0.24**	<0.05	**1.0**	**6.4**	<0.025	<0.025	<0.025	<5.0	<10	<0.05	<0.05
		25.5	**260**	--	--	<1.0	**8.8**	**3.5**	**26**	**52**	<0.5	<0.5	<0.5	<100	<200	<1.0	<1.0

TABLE 2
Historical Soil Analytical Data
ARCO Service Station No. 0465
151 Southgate Avenue, Daly City, CA

Sample ID	Date	Depth (ft bgs)	GRO (mg/kg)	DRO (mg/kg)	ORO (mg/kg)	Benzene (mg/kg)	Toluene (mg/kg)	Ethylbenzene (mg/kg)	Xylenes (mg/kg)	MtBE (mg/kg)	DIPE (mg/kg)	ETBE (mg/kg)	TAME (mg/kg)	TBA (mg/kg)	Ethanol (mg/kg)	1,2-DCA (mg/kg)	EDB (mg/kg)
SB-3		30.5	**17**	--	--	<0.05	<0.05	<0.05	**0.069**	**18**	<0.025	<0.025	<0.025	<5.0	<10	<0.05	<0.05
(Cont.)		36.5	**8.6**	--	--	<0.05	<0.05	<0.05	<0.05	**7.9**	<0.025	<0.025	<0.025	<5.0	<10	<0.05	<0.05
		41	<12	--	--	<0.25	<0.25	<0.25	<0.25	**1.8**	<0.12	<0.12	<0.12	<25	<50	<0.25	<0.25
		46	**5.3**	--	--	<0.05	<0.05	<0.05	<0.05	**4.0**	<0.025	<0.025	<0.025	<5.0	<10	<0.05	<0.05
		51	**4.8**	--	--	<0.05	<0.05	<0.05	<0.05	**3.4**	<0.025	<0.025	<0.025	<5.0	<10	<0.05	<0.05
		56	**3.9**	--	--	<0.05	<0.05	<0.05	<0.05	**2.3**	<0.025	<0.025	<0.025	<5.0	<10	<0.05	<0.05
		61	<2.5	--	--	<0.05	<0.05	<0.05	<0.05	**0.56**	<0.025	<0.025	<0.025	<5.0	<10	<0.05	<0.05
		61.5	<2.5	--	--	<0.05	<0.05	<0.05	<0.05	**0.4**	<0.025	<0.025	<0.025	<5.0	<10	<0.05	<0.05
		65	<0.099	--	--	<0.005	<0.005	<0.005	<0.005	**0.056**	<0.005	<0.005	<0.005	<0.02	<0.099	<0.005	<0.005
		71.5	<0.098	--	--	<0.0049	<0.0049	<0.0049	<0.0049	**0.016**	<0.0049	<0.0049	<0.0049	<0.02	<0.098	<0.0049	<0.0049
		76	<0.099	--	--	<0.005	<0.005	<0.005	<0.005	**0.0053**	<0.005	<0.005	<0.005	<0.02	<0.099	<0.005	<0.005
		81.5	<0.099	--	--	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.02	<0.099	<0.005	<0.005
SB-4	9/29/05	40.5	<0.1	--	--	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.02	<0.1	<0.005	<0.005
		45.5	<0.1	--	--	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.02	<0.1	<0.005	<0.005
SB-5	9/29/05	35.5	<0.1	--	--	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.02	<0.1	<0.005	<0.005
		40	<0.1	--	--	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.02	<0.1	<0.005	<0.005
SB-7	9/28/05	50.5	<0.1	--	--	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.02	<0.1	<0.005	<0.005
		55.5	<0.1	--	--	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.02	<0.1	<0.005	<0.005
SB-8	9/27/05	40.5	<0.1	--	--	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.02	<0.1	<0.005	<0.005
		45.5	<0.1	--	--	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.02	<0.1	<0.005	<0.005
SB-9	9/27/05	35.5	<0.1	--	--	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.02	<0.1	<0.005	<0.005
		45.5	<0.1	--	--	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.02	<0.1	<0.005	<0.005
		50.5	<0.1	--	--	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.02	<0.1	<0.005	<0.005
SB-10	9/28/05	36.0	<0.1	--	--	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.02	<0.1	<0.005	<0.005
SB-11	3/19/13	50	<0.39	--	--	<0.0020	<0.0020	<0.0020	<0.0039	**0.060**	<0.0049	<0.0049	<0.0049	**1.8**	--	<0.0020	<0.0020
		55	<0.37	--	--	<0.0020	<0.0020	<0.0020	<0.0039	**0.010**	<0.0049	<0.0049	<0.0049	**1.9**	--	<0.0020	<0.0020
		60	<1.8	--	--	<0.0051	<0.0051	<0.0051	<0.010	**0.12**	<0.013	<0.013	<0.013	**2.2**	--	<0.0051	<0.0051
		62	2.0	--	--	<0.50	<0.50	<0.50	<1.0	**99**	<1.2	<1.2	<1.2	<25.0	--	<0.50	<0.50
		65	<0.79	--	--	<0.10	<0.10	<0.10	<0.20	**16**	<0.25	<0.25	<0.25	**7.0**	--	<0.10	<0.10
		70	<0.72	--	--	<0.10	<0.10	<0.10	<0.20	**2.8**	<0.25	<0.25	<0.25	**12.0**	--	<0.10	<0.10
		75	<0.75	--	--	<0.010	<0.010	<0.010	<0.020	**1.4**	<0.025	<0.025	<0.025	**8.9**	--	<0.010	<0.010
	3/20/13	80	<0.37	--	--	<0.0020	<0.0020	<0.0020	<0.0040	**0.030**	<0.0050	<0.0050	<0.0050	**0.26**	--	<0.0020	<0.0020
		85	<0.37	--	--	<0.0020	<0.0020	<0.0020	<0.0040	**0.022**	<0.0050	<0.0050	<0.0050	<0.099	--	<0.0020	<0.0020
	3/20/13	90	<0.36	--	--	<0.0020	<0.0020	<0.0020	<0.0040	**0.070**	<0.0050	<0.0050	<0.0050	<0.10	--	<0.0020	<0.0020
		95	<0.39	--	--	<0.0020	<0.0020	<0.0020	<0.0040	**0.015**	<0.0050	<0.0050	<0.0050	<0.099	--	<0.0020	<0.0020
		100	<0.35	--	--	<0.0020	<0.0020	<0.0020	<0.0040	**0.029**	<0.0050	<0.0050	<0.0050	<0.10	--	<0.0020	<0.0020
		105	<0.35	--	--	<0.0020	<0.0020	<0.0020	<0.0040	<0.0050	<0.0050	<0.0050	<0.0050	<0.099	--	<0.0020	<0.0020
		110	<0.37	--	--	<0.0020	<0.0020	<0.0020	<0.0040	**0.011**	<0.0050	<0.0050	<0.0050	<0.099	--	<0.0020	<0.0020
	3/20/13	115	<0.39	--	--	<0.0020	<0.0020	<0.0020	<0.0040	<0.0050	<0.0050	<0.0050	<0.0050	<0.099	--	<0.0020	<0.0020
		120	<0.37	--	--	<0.0020	<0.0020	<0.0020	<0.0040	**0.0091**	<0.0050	<0.0050	<0.0050	<0.099	--	<0.0020	<0.0020
SB-12	3/26/13	45	<0.38	--	--	<0.0020	<0.0020	<0.0020	<0.0039	<0.0049	<0.0049	<0.0049	<0.0049	<0.099	--	<0.0020	<0.0020
		50	<0.39	--	--	<0.0019	<0.0019	<0.0019	<0.0039	<0.0049	<0.0049	<0.0049	<0.0049	<0.097	--	<0.0019	<0.0019
		55	<0.39	--	--	<0.0020	<0.0020	<0.0020	<0.0039	<0.0049	<0.0049	<0.0049	<0.0049	<0.098	--	<0.0020	<0.0020
		60	<0.40	--	--	<0.0020	<0.0020	<0.0020	<0.0040	<0.0050	<0.0050	<0.0050	<0.0050	<0.099	--	<0.0020	<0.0020
		65	<0.37	--	--	<0.0020	<0.0020	<0.0020	<0.0040	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	--	<0.0020	<0.0020
		70	<0.38	--	--	<0.0020	<0.0020	<0.0020	<0.0040	<0.0050	<0.0050	<0.0050	<0.0050	<0.099	--	<0.0020	<0.0020

TABLE 2
Historical Soil Analytical Data
ARCO Service Station No. 0465
151 Southgate Avenue, Daly City, CA

Sample ID	Date	Depth (ft bgs)	GRO (mg/kg)	DRO (mg/kg)	ORO (mg/kg)	Benzene (mg/kg)	Toluene (mg/kg)	Ethylbenzene (mg/kg)	Xylenes (mg/kg)	MtBE (mg/kg)	DIPE (mg/kg)	ETBE (mg/kg)	TAME (mg/kg)	TBA (mg/kg)	Ethanol (mg/kg)	1,2-DCA (mg/kg)	EDB (mg/kg)
SB-12		75	<0.38	--	--	<0.0020	<0.0020	<0.0020	<0.0040	**0.0058**	<0.0050	<0.0050	<0.0050	<0.10	--	<0.0020	<0.0020
(Cont.)		80	<0.39	--	--	<0.0020	<0.0020	<0.0020	<0.0040	**0.0060**	<0.0050	<0.0050	<0.0050	<0.10	--	<0.0020	<0.0020
		85	<0.39	--	--	<0.0020	<0.0020	<0.0020	<0.0040	<0.0050	<0.0050	<0.0050	<0.0050	<0.099	--	<0.0020	<0.0020
		89	<0.39	--	--	<0.0020	<0.0020	<0.0020	<0.0040	<0.0050	<0.0050	<0.0050	<0.0050	<0.099	--	<0.0020	<0.0020
		95	<0.40	--	--	<0.0020	<0.0020	<0.0020	<0.0040	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	--	<0.0020	<0.0020
		98	<0.40	--	--	<0.0020	<0.0020	<0.0020	<0.0040	<0.0050	<0.0050	<0.0050	<0.0050	<0.099	--	<0.0020	<0.0020
SB-13	3/22/13	45	<0.39	--	--	<0.0020	<0.0020	<0.0020	<0.0040	<0.0049	<0.0049	<0.0049	<0.0049	<0.099	--	<0.0020	<0.0020
		50	<0.40	--	--	<0.0019	<0.0019	<0.0019	<0.0039	<0.0049	<0.0049	<0.0049	<0.0049	<0.097	--	<0.0019	<0.0019
		55	<0.40	--	--	<0.0020	<0.0020	<0.0020	<0.0039	<0.0049	<0.0049	<0.0049	<0.0049	<0.098	--	<0.0020	<0.0020
		60	<0.39	--	--	**0.011**	<0.0020	**0.0028**	**0.012**	<0.0049	<0.0049	<0.0049	<0.0049	<0.098	--	<0.0020	<0.0020
		65	<0.38	--	--	<0.0020	<0.0020	<0.0020	<0.0040	<0.0049	<0.0049	<0.0049	<0.0049	<0.099	--	<0.0020	<0.0020
		70	<0.40	--	--	<0.0020	<0.0020	<0.0020	<0.0039	<0.0049	<0.0049	<0.0049	<0.0049	<0.098	--	<0.0020	<0.0020
		75	<0.39	--	--	<0.0019	<0.0019	<0.0019	<0.0039	<0.0049	<0.0049	<0.0049	<0.0049	<0.097	--	<0.0019	<0.0019
		80	<0.41	--	--	<0.0020	<0.0020	<0.0020	<0.0039	<0.0049	<0.0049	<0.0049	<0.0049	<0.098	--	<0.0020	<0.0020
	3/25/13	85	<0.40	--	--	<0.0019	<0.0019	<0.0019	<0.0039	<0.0048	<0.0048	<0.0048	<0.0048	<0.097	--	<0.0019	<0.0019
		90	<0.40	--	--	<0.0020	<0.0020	<0.0020	<0.0039	<0.0049	<0.0049	<0.0049	<0.0049	<0.098	--	<0.0020	<0.0020
		95	<0.39	--	--	<0.0020	<0.0020	<0.0020	<0.0040	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	--	<0.0020	<0.0020
		100	<0.38	--	--	<0.0020	<0.0020	<0.0020	<0.0039	<0.0049	<0.0049	<0.0049	<0.0049	<0.099	--	<0.0020	<0.0020
SB-14	1/7/15	10	<0.39	--	--	<0.0020	<0.0020	<0.0020	<0.0040	<0.0050	<0.0050	<0.0050	<0.0050	<0.099	--	<0.0020	<0.0020
		20	<0.39	--	--	<0.0020	<0.0020	<0.0020	<0.0040	<0.0050	<0.0050	<0.0050	<0.0050	<0.099	--	<0.0020	<0.0020
		30	<0.39	--	--	<0.0020	<0.0020	<0.0020	<0.0040	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	--	<0.0020	<0.0020
		40	<0.40	--	--	<0.0020	<0.0020	<0.0020	<0.0040	<0.0050	<0.0050	<0.0050	<0.0050	<0.099	--	<0.0020	<0.0020
		50	<0.40	--	--	<0.0020	<0.0020	<0.0020	<0.0040	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	--	<0.0020	<0.0020
		60	<0.40	--	--	<0.0020	<0.0020	<0.0020	<0.0040	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	--	<0.0020	<0.0020
	1/8/15	70	<0.38	--	--	<0.0020	<0.0020	<0.0020	<0.0040	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	--	<0.0020	<0.0020
		80	<0.39	--	--	<0.0020	<0.0020	<0.0020	<0.0040	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	--	<0.0020	<0.0020
		90	<0.39	--	--	<0.0020	<0.0020	<0.0020	<0.0040	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	--	<0.0020	<0.0020
		100	<0.40	--	--	<0.0020	<0.0020	<0.0020	<0.0040	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	--	<0.0020	<0.0020
		110	<0.39	--	--	<0.0020	<0.0020	<0.0020	<0.0040	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	--	<0.0020	<0.0020
		120	<0.39	--	--	<0.0020	<0.0020	<0.0020	<0.0040	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	--	<0.0020	<0.0020
		130	<0.40	--	--	<0.0020	<0.0020	<0.0020	<0.0040	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	--	<0.0020	<0.0020
SB-15	12/9/14	10	<0.39	--	--	<0.0020	<0.0020	<0.0020	<0.0040	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	--	<0.0020	<0.0020
		20	<0.37	--	--	<0.0020	<0.0020	<0.0020	<0.0040	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	--	<0.0020	<0.0020
		25	**160**	--	--	<0.10	<0.10	<0.10	**0.60**	<0.25	<0.25	<0.25	<0.25	<5.0	--	<0.10	<0.10
		30	**0.39**	--	--	<0.0020	**0.0081**	**0.0043**	**0.075**	**0.0090**	<0.0050	<0.0050	<0.0050	**0.42**	--	<0.0020	<0.0020
		40	<0.39	--	--	<0.0020	<0.0020	<0.0020	<0.0039	<0.0049	<0.0049	<0.0049	<0.0049	**0.42**	--	<0.0020	<0.0020
		50	<0.37	--	--	<0.0020	<0.0020	<0.0020	<0.0040	**0.015**	<0.0050	<0.0050	<0.0050	<0.099	--	<0.0020	<0.0020
		60	<0.39	--	--	<0.0049	<0.0049	<0.0049	<0.0098	**0.18**	<0.012	<0.012	<0.012	**5.6**	--	<0.0049	<0.0049
		64	<0.39	--	--	<0.10	<0.10	<0.10	<0.20	**2.2**	<0.25	<0.25	<0.25	**34**	--	<0.10	<0.10
		65	<0.39	--	--	<0.0096	<0.0096	<0.0096	<0.019	**1.4**	<0.024	<0.024	<0.024	**27**	--	<0.0096	<0.0096
		70	<0.39	--	--	<0.10	<0.10	<0.10	<0.20	**9.1**	<0.25	<0.25	<0.25	**12**	--	<0.10	<0.10
		80	<0.40	--	--	<0.0020	<0.0020	<0.0020	<0.0039	**2.9**	<0.0049	<0.0049	<0.0049	**0.34**	--	<0.0020	<0.0020
		90	<0.38	--	--	<0.0049	<0.0049	<0.0049	<0.0098	**0.37**	<0.012	<0.012	<0.012	<0.24	--	<0.0049	<0.0049
		100	<0.39	--	--	<0.0020	<0.0020	<0.0020	<0.0040	**0.036**	<0.0050	<0.0050	<0.0050	**0.19**	--	<0.0020	<0.0020
	12/10/14	110	<0.39	--	--	<0.0020	<0.0020	<0.0020	<0.0039	**0.10**	<0.0049	<0.0049	<0.0049	**1.7**	--	<0.0020	<0.0020
		120	<0.38	--	--	<0.0020	<0.0020	<0.0020	<0.0040	<0.0050	<0.0050	<0.0050	<0.0050	<0.099	--	<0.0020	<0.0020

TABLE 2
Historical Soil Analytical Data
ARCO Service Station No. 0465
151 Southgate Avenue, Daly City, CA

Sample ID	Date	Depth (ft bgs)	GRO (mg/kg)	DRO (mg/kg)	ORO (mg/kg)	Benzene (mg/kg)	Toluene (mg/kg)	Ethylbenzene (mg/kg)	Xylenes (mg/kg)	MtBE (mg/kg)	DIPE (mg/kg)	ETBE (mg/kg)	TAME (mg/kg)	TBA (mg/kg)	Ethanol (mg/kg)	1,2-DCA (mg/kg)	EDB (mg/kg)
SB-15	12/10/14	130	<0.38	--	--	<0.0020	<0.0020	<0.0020	<0.0040	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	--	<0.0020	<0.0020
(Cont.)		140	<0.39	--	--	<0.0020	<0.0020	<0.0020	<0.0040	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	--	<0.0020	<0.0020
		150	<0.39	--	--	<0.0020	<0.0020	<0.0020	<0.0039	<0.0049	<0.0049	<0.0049	<0.0049	<0.098	--	<0.0020	<0.0020
		160	<0.40	--	--	<0.0020	<0.0020	<0.0020	<0.0039	**0.0067**	<0.0049	<0.0049	<0.0049	<0.098	--	<0.0020	<0.0020
		170	<0.37	--	--	<0.0019	<0.0019	<0.0019	<0.0039	<0.0048	<0.0048	<0.0048	<0.0048	<0.097	--	<0.0019	<0.0019
		180	<0.40	--	--	<0.0020	<0.0020	<0.0020	<0.0040	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	--	<0.0020	<0.0020
SB-16	1/13/15	10	<0.38	--	--	<0.0020	<0.0020	<0.0020	<0.0040	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	<0.30	<0.0020	<0.0020
		20	<0.38	--	--	<0.0020	<0.0020	<0.0020	<0.0040	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	<0.30	<0.0020	<0.0020
		30	<0.40	--	--	<0.0020	<0.0020	<0.0020	<0.0040	<0.0050	<0.0050	<0.0050	<0.0050	<0.099	<0.30	<0.0020	<0.0020
		40	<0.39	--	--	<0.0020	<0.0020	<0.0020	<0.0041	<0.0051	<0.0051	<0.0051	<0.0051	<0.10	<0.30	<0.0020	<0.0020
		50	<0.39	--	--	<0.0020	<0.0020	<0.0020	<0.0040	<0.0050	<0.0050	<0.0050	<0.0050	<0.099	<0.30	<0.0020	<0.0020
		60	<0.40	--	--	<0.0020	<0.0020	<0.0020	<0.0040	<0.0050	<0.0050	<0.0050	<0.0050	<0.099	<0.30	<0.0020	<0.0020
	1/15/15	71	<1.4	--	--	<0.0096	<0.0096	<0.0096	<0.19	**13**	<0.024	<0.024	<0.024	**2.4**	<1.4	<0.0096	<0.0096
		80	<0.40	--	--	<0.010	<0.010	<0.010	<0.020	**2.3**	<0.025	<0.025	<0.025	<0.50	<1.5	<0.010	<0.010
		90	<0.40	--	--	<0.0099	<0.0099	<0.0099	<0.020	**1.3**	<0.025	<0.025	<0.025	<0.50	<1.5	<0.0099	<0.0099
		99	<0.39	--	--	<0.0020	<0.0020	<0.0020	<0.0040	**0.041**	<0.0050	<0.0050	<0.0050	<0.099	<0.30	<0.0020	<0.0020
		110	<0.39	--	--	<0.0020	<0.0020	<0.0020	<0.0040	**0.030**	<0.0050	<0.0050	<0.0050	<0.10	<0.30	<0.0020	<0.0020
		120	<0.39	--	--	<0.0020	<0.0020	<0.0020	<0.0040	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	<0.30	<0.0020	<0.0020
		130	<0.40	--	--	<0.0020	<0.0020	<0.0020	<0.0040	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	<0.30	<0.0020	<0.0020
SB-17	1/8/15	5	<0.20	--	--	<0.0020	<0.0020	<0.0020	<0.0039	<0.0049	<0.0049	<0.0049	<0.0049	<0.098	--	<0.0020	<0.0020
	1/13/15	10	<0.40	--	--	<0.0020	<0.0020	<0.0020	<0.0040	<0.0050	<0.0050	<0.0050	<0.0050	<0.099	<0.30	<0.0020	<0.0020
		20	<0.40	--	--	<0.0020	<0.0020	<0.0020	<0.0040	<0.0050	<0.0050	<0.0050	<0.0050	<0.099	<0.30	<0.0020	<0.0020
		30	<0.40	--	--	<0.0020	<0.0020	<0.0020	<0.0040	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	<0.30	<0.0020	<0.0020
		40	<0.40	--	--	<0.0020	<0.0020	<0.0020	<0.0040	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	<0.30	<0.0020	<0.0020
		50	<0.40	--	--	<0.0020	<0.0020	<0.0020	<0.0040	<0.0050	<0.0050	<0.0050	<0.0050	<0.099	<0.30	<0.0020	<0.0020
		60	<0.39	--	--	<0.0020	<0.0020	<0.0020	<0.0040	**0.15**	<0.0050	<0.0050	<0.0050	<0.10	<0.30	<0.0020	<0.0020
	1/14/15	70	<0.38	--	--	<0.0019	<0.0019	<0.0019	<0.0039	<0.0048	<0.0048	<0.0048	<0.0048	<0.097	<0.29	<0.0019	<0.0019
		80	<0.38	--	--	<0.0019	<0.0019	<0.0019	<0.0038	**0.19**	<0.0048	<0.0048	<0.0048	<0.096	<0.29	<0.0019	<0.0019
		90	<0.39	--	--	<0.0020	<0.0020	<0.0020	<0.0040	**0.34**	<0.0050	<0.0050	<0.0050	<0.099	<0.30	<0.0020	<0.0020
	1/14/15	100	<0.38	--	--	<0.0020	<0.0020	<0.0020	<0.0040	**0.012**	<0.0050	<0.0050	<0.0050	<0.099	<0.30	<0.0020	<0.0020
		110	<0.40	--	--	<0.0020	<0.0020	<0.0020	<0.0040	**0.22**	<0.0050	<0.0050	<0.0050	<0.10	<0.30	<0.0020	<0.0020
		120	<0.40	--	--	<0.0020	<0.0020	<0.0020	<0.0040	**0.025**	<0.0050	<0.0050	<0.0050	<0.10	<0.30	<0.0020	<0.0020
		130	<0.40	--	--	<0.0019	<0.0019	<0.0019	<0.0038	**0.0050**	<0.0047	<0.0047	<0.0047	<0.094	<0.28	<0.0019	<0.0019
SB-18	10/21/15	10	<0.40	--	--	<0.0020	<0.0020	<0.0020	<0.0040	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	--	<0.0020	<0.0020
	10/21/15	20	<0.40	--	--	<0.0020	<0.0020	<0.0020	<0.0040	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	--	<0.0020	<0.0020
		30	<0.39	--	--	<0.0020	<0.0020	<0.0020	<0.0040	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	--	<0.0020	<0.0020
		40	<0.40	--	--	<0.0020	<0.0020	<0.0020	<0.0040	<0.0049	<0.0049	<0.0049	<0.0049	<0.099	--	<0.0020	<0.0020
	10/22/15	50	<0.40	--	--	<0.0020	<0.0020	<0.0020	<0.0040	<0.0050	<0.0050	<0.0050	<0.0050	<0.099	--	<0.0020	<00020
		60	<0.40	--	--	<0.0020	<0.0020	<0.0020	<0.0040	<0.0050	<0.0050	<0.0050	<0.0050	<0.099	--	<0.0020	<0.0020
		70	<0.40	--	--	<0.0020	<0.0020	<0.0020	<0.0040	<0.0050	<0.0050	<0.0050	<0.0050	<0.099	--	<0.0020	<0.0020
		80	<0.40	--	--	<0.0020	<0.0020	<0.0020	<0.0040	<0.0050	<0.0050	<0.0050	<0.0050	<0.099	--	<0.0020	<0.0020
		90	<0.40	--	--	<0.0020	<0.0020	<0.0020	<0.0039	<0.0049	<0.0049	<0.0049	<0.0049	<0.099	--	<0.0020	<0.0020
		100	<0.40	--	--	<0.0020	<0.0020	<0.0020	<0.0040	**0.036**	<0.0049	<0.0049	<0.0049	<0.099	--	<0.0020	<0.0020
		110	<0.40	--	--	<0.0020	<0.0020	<0.0020	<0.0040	**0.11**	<0.0050	<0.0050	<0.0050	<0.10	--	<0.0020	<0.0020
		120	<0.40	--	--	<0.0020	<0.0020	<0.0020	<0.0040	**0.0060**	<0.0050	<0.0050	<0.0050	<0.10	--	<0.0020	<0.0020
		130	<0.40	--	--	<0.0020	<0.0020	<0.0020	<0.0040	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	--	<0.0020	<0.0020

TABLE 2
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ARCO Service Station No. 0465
151 Southgate Avenue, Daly City, CA

Sample ID	Date	Depth (ft bgs)	GRO (mg/kg)	DRO (mg/kg)	ORO (mg/kg)	Benzene (mg/kg)	Toluene (mg/kg)	Ethylbenzene (mg/kg)	Xylenes (mg/kg)	MtBE (mg/kg)	DIPE (mg/kg)	ETBE (mg/kg)	TAME (mg/kg)	TBA (mg/kg)	Ethanol (mg/kg)	1,2-DCA (mg/kg)	EDB (mg/kg)
SB-19	11/3/15	40	<0.40	--	--	<0.0020	<0.0020	<0.0020	<0.0040	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	--	<0.0020	<0.0020
		50	<0.40	--	--	<0.0020	<0.0020	<0.0020	<0.0040	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	--	<0.0020	<0.0020
		54	<0.40	--	--	<0.0020	<0.0020	<0.0020	<0.0040	<0.0049	<0.0049	<0.0049	<0.0049	<0.099	--	<0.0020	<0.0020
		60	<0.40	--	--	<0.0020	<0.0020	<0.0020	<0.0040	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	--	<0.0020	<0.0020
		70	<0.39	--	--	<0.0020	<0.0020	<0.0020	<0.0040	<0.0050	<0.0050	<0.0050	<0.0050	<0.099	--	<0.0020	<0.0020
		80	<0.38	--	--	<0.0020	<0.0020	<0.0020	<0.0039	<0.0049	<0.0049	<0.0049	<0.0049	<0.098	--	<0.0020	<0.0020
	11/4/15	90	<0.40	--	--	<0.0020	<0.0020	<0.0020	<0.0040	<0.0049	<0.0049	<0.0049	<0.0049	<0.099	--	<0.0020	<0.0020
		100	<0.39	--	--	<0.0020	<0.0020	<0.0020	<0.0040	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	--	<0.0020	<0.0020
		110	<0.39	--	--	<0.0020	<0.0020	<0.0020	<0.0040	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	--	<0.0020	<0.0020
		120	<0.40	--	--	<0.0020	<0.0020	<0.0020	<0.0040	<0.0049	<0.0049	<0.0049	<0.0049	<0.099	--	<0.0020	<0.0020
		130	<0.39	--	--	<0.0020	<0.0020	<0.0020	<0.0039	<0.0049	<0.0049	<0.0049	<0.0049	<0.098	--	<0.0020	<0.0020
SB-20	Drilling Refusal at approximately 23.5 ft bgs, no samples collected																
SB-20B	Drilling Refusal at approximately 23.5 ft bgs, no samples collected																
SB-20C	Drilling Refusal at approximately 20 ft bgs, no samples collected																
SB-20D	5/13/16	51	<0.40	--	--	<0.0020	<0.0020	<0.0020	<0.0040	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	--	<0.0020	<0.0020
		59	<0.40	--	--	<0.0020	<0.0020	<0.0020	<0.0040	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	--	<0.0020	<0.0020
		63	<0.39	--	--	<0.0020	<0.0020	<0.0020	<0.0040	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	--	<0.0020	<0.0020
		66	<0.40	--	--	<0.0020	<0.0020	<0.0020	<0.0040	<0.0050	<0.0050	<0.0050	<0.0050	<0.099	--	<0.0020	<0.0020
		67	<0.39	--	--	<0.0020	<0.0020	<0.0020	<0.0040	<0.0050	<0.0050	<0.0050	<0.0050	<0.099	--	<0.0020	<0.0020
		69.5	<0.39	--	--	<0.0020	<0.0020	<0.0020	<0.0040	**0.036**	<0.0050	<0.0050	<0.0050	<0.10	--	<0.0020	<0.0020
		72	<0.39	--	--	<0.0020	<0.0020	<0.0020	<0.0040	**0.021**	<0.0050	<0.0050	<0.0050	<0.10	--	<0.0020	<0.0020
		81	<0.40	--	--	<0.0020	<0.0020	<0.0020	<0.0040	**0.028**	<0.0050	<0.0050	<0.0050	<0.10	--	<0.0020	<0.0020
		91	<0.40	--	--	<0.0020	<0.0020	<0.0020	<0.0040	**0.016**	<0.0050	<0.0050	<0.0050	<0.10	--	<0.0020	<0.0020
		101	<0.40	--	--	<0.0020	<0.0020	<0.0020	<0.0040	<0.0050	<0.0050	<0.0050	<0.0050	<0.099	--	<0.0020	<0.0020
		111	<0.39	--	--	<0.0020	<0.0020	<0.0020	<0.0040	**0.012**	<0.0050	<0.0050	<0.0050	<0.099	--	<0.0020	<0.0020
		121	<0.40	--	--	<0.0020	<0.0020	<0.0020	<0.0040	**0.035**	<0.0050	<0.0050	<0.0050	<0.10	--	<0.0020	<0.0020
		126	<0.39	--	--	<0.0020	<0.0020	<0.0020	<0.0040	**0.013**	<0.0050	<0.0050	<0.0050	<0.10	--	<0.0020	<0.0020
		131	<0.40	--	--	<0.0020	<0.0020	<0.0020	<0.0040	**0.0075**	<0.0050	<0.0050	<0.0050	<0.10	--	<0.0020	<0.0020
SB-21	10/8/15	3	**4,800**	**130**	**920**	<0.10	<0.10	<0.10	<0.20	<0.25	<0.25	<0.25	<0.25	<5.0	<15	<0.10	<0.10
		5	**88**	**35**	**260**	<0.010	<0.010	<0.010	<0.020	<0.025	<0.025	<0.025	<0.025	<0.50	<1.5	<0.010	<0.010
	10/29/15	10	<0.40	--	**110**	<0.0020	<0.0020	<0.0020	<0.0040	<0.0050	<0.0050	<0.0050	<0.0050	<0.099	<0.30	<0.0020	<0.0020
		15	**0.57**	--	**76**	<0.0020	<0.0020	<0.0020	<0.0040	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	<0.30	<0.0020	<0.0020
		25	**190**	--	**120**	<0.10	<0.10	**0.14**	**2.5**	<0.25	<0.25	<0.25	<0.25	<5.0	<15	<0.10	<0.10
		35	<0.40	--	**9.3**	<0.0020	<0.0020	<0.0020	<0.0039	<0.0049	<0.0049	<0.0049	<0.0049	**1.8**	<0.30	<0.0020	<0.0020
		40	<0.40	--	**10**	<0.0020	<0.0020	<0.0020	<0.0039	<0.0049	<0.0049	<0.0049	<0.0049	**1.4**	<0.30	<0.0020	<0.0020
SB-22	10/8/15	3	**930**	**220**	**1,100**	<0.10	<0.10	<0.10	<0.20	<0.25	<0.25	<0.25	<0.25	<5.0	<15	<0.10	<0.10
		5	**57**	**57**	**420**	<0.0079	<0.0079	<0.0079	<0.016	<0.020	<0.020	<0.020	<0.020	<0.39	<1.2	<0.0079	<0.0079
	10/29/15	10	**8.3**	--	**290**	<0.0057	<0.0057	<0.0057	<0.011	<0.014	<0.014	<0.014	<0.014	<0.28	<0.85	<0.0057	<0.0057
		15	**5.8**	--	**300**	<0.0020	<0.0020	<0.0020	<0.0039	<0.0049	<0.0049	<0.0049	<0.0049	<0.098	<0.29	<0.0020	<0.0020
		25	**680**	--	**180**	<0.50	<0.50	<0.50	**5.1**	<1.2	<1.2	<1.2	<1.2	<25	<75	<0.50	<0.50
		35	<0.40	--	**19**	<0.0020	<0.0020	<0.0020	<0.0040	<0.0050	<0.0050	<0.0050	<0.0050	**1.7**	<0.30	<0.0020	<0.0020
HA-1	12/10/14	3	<0.39	--	--	<0.0020	<0.0020	<0.0020	<0.0040	<0.0050	<0.0050	<0.0050	<0.0050	<0.099	--	<0.0020	<0.0020
		5	<0.38	--	--	<0.0020	<0.0020	<0.0020	<0.0040	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	--	<0.0020	<0.0020
HA-2	12/10/14	3	<0.39	--	--	<0.0020	<0.0020	<0.0020	<0.0040	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	--	<0.0020	<0.0020
		5	<0.37	--	--	<0.0020	<0.0020	<0.0020	<0.0040	<0.0050	<0.0050	<0.0050	<0.0050	<0.099	--	<0.0020	<0.0020

TABLE 2
Historical Soil Analytical Data
ARCO Service Station No. 0465
151 Southgate Avenue, Daly City, CA

Sample ID	Date	Depth (ft bgs)	GRO (mg/kg)	DRO (mg/kg)	ORO (mg/kg)	Benzene (mg/kg)	Toluene (mg/kg)	Ethylbenzene (mg/kg)	Xylenes (mg/kg)	MtBE (mg/kg)	DIPE (mg/kg)	ETBE (mg/kg)	TAME (mg/kg)	TBA (mg/kg)	Ethanol (mg/kg)	1,2-DCA (mg/kg)	EDB (mg/kg)
HA-3	12/9/14	3	<0.39	--	--	<0.0020	<0.0020	<0.0020	<0.0040	**0.0099**	<0.0050	<0.0050	<0.0050	<0.10	--	<0.0020	<0.0020
		5	<0.38	--	--	<0.0020	<0.0020	<0.0020	<0.0040	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	--	<0.0020	<0.0020
Monitoring Well Samples																	
MW-1	3/16/92	5.5	<1.0	--	--	<0.005	<0.005	<0.005	<0.005	--	--	--	--	--	--	--	--
		10	<1.0	--	--	<0.005	<0.005	<0.005	**0.016**	--	--	--	--	--	--	--	--
		25	**480**	--	--	**0.84**	**21**	**14**	**73**	--	--	--	--	--	--	--	--
		35	<1.0	--	--	<0.005	<0.005	<0.005	<0.005	--	--	--	--	--	--	--	--
		50	<1.0	--	--	**0.012**	**0.015**	**0.011**	**0.057**	--	--	--	--	--	--	--	--
		55	<1.0	--	--	<0.005	<0.005	<0.005	<0.005	--	--	--	--	--	--	--	--
MW-1R	12/9/14	5	<0.39	--	--	<0.0020	<0.0020	<0.0020	<0.0040	<0.0050	<0.0050	<0.0050	<0.0050	<0.099	--	<0.0020	<0.0020
	12/19/14	10	<0.39	--	--	<0.0020	<0.0020	<0.0020	<0.0040	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	--	<0.0020	<0.0020
		20	<0.38	--	--	<0.0020	<0.0020	<0.0020	<0.0040	<0.0050	<0.0050	<0.0050	<0.0050	<0.099	--	<0.0020	<0.0020
		30	<0.40	--	--	<0.0020	<0.0020	<0.0020	<0.0040	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	--	<0.0020	<0.0020
		40	<0.38	--	--	<0.0020	<0.0020	<0.0020	<0.0040	<0.0050	<0.0050	<0.0050	<0.0050	<0.099	--	<0.0020	<0.0020
		50	<0.39	--	--	<0.0020	<0.0020	<0.0020	<0.0040	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	--	<0.0020	<0.0020
		60	<0.40	--	--	**0.011**	<0.0020	<0.0020	<0.0040	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	--	<0.0020	<0.0020
MW-2	3/20/92	5.5	<1.0	--	--	<0.005	<0.005	<0.005	<0.005	--	--	--	--	--	--	--	--
		15.5	<1.0	--	--	<0.005	<0.005	<0.005	<0.005	--	--	--	--	--	--	--	--
		25.5	<1.0	--	--	**0.015**	<0.005	<0.005	<0.005	--	--	--	--	--	--	--	--
		40.5	<1.0	--	--	**0.075**	<0.005	**0.013**	**0.032**	--	--	--	--	--	--	--	--
		50.5	<1.0	--	--	**0.014**	<0.005	<0.005	**0.01**	--	--	--	--	--	--	--	--
		63	<1.0	--	--	<0.005	<0.005	<0.005	<0.005	--	--	--	--	--	--	--	--
		66	<1.0	--	--	<0.005	<0.005	<0.005	<0.005	--	--	--	--	--	--	--	--
MW-4 (V-9)	5/20/93	10	<1.0	--	--	<0.005	<0.005	<0.005	<0.005	--	--	--	--	--	--	--	--
		16	<1.0	--	--	<0.005	<0.005	<0.005	<0.005	--	--	--	--	--	--	--	--
		25	**160**	--	--	<0.005	<0.005	**1**	**5.8**	--	--	--	--	--	--	--	--
		32	<1.0	--	--	<0.005	<0.005	<0.005	<0.005	--	--	--	--	--	--	--	--
		44	<1.0	--	--	<0.005	<0.005	<0.005	<0.005	--	--	--	--	--	--	--	--
		56	<1.0	--	--	<0.005	<0.005	<0.005	<0.005	--	--	--	--	--	--	--	--
		59.5	<1.0	--	--	<0.005	<0.005	<0.005	<0.005	--	--	--	--	--	--	--	--
		62.5	<1.0	--	--	<0.005	<0.005	<0.005	<0.005	--	--	--	--	--	--	--	--
		67.5	<1.0	--	--	<0.005	<0.005	<0.005	<0.005	--	--	--	--	--	--	--	--
MW-4D	12/9/14	5	<0.38	--	--	<0.0020	<0.0020	<0.0020	<0.0040	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	--	<0.0020	<0.0020
	1/26/15	5	<0.39	--	--	<0.0020	<0.0020	<0.0020	<0.0040	<0.0049	<0.0049	<0.0049	<0.0049	<0.099	<0.30	<0.0020	<0.0020
	2/3/15	26	<0.40	--	--	<0.0020	<0.0020	<0.0020	<0.0040	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	<0.30	<0.0020	<0.0020
	2/4/15	41	<0.40	--	--	<0.0020	<0.0020	<0.0020	<0.0040	<0.0050	<0.0050	<0.0050	<0.0050	<0.099	<0.30	<0.0020	<0.0020
		51	<0.39	--	--	<0.0020	<0.0020	<0.0020	<0.0040	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	<0.30	<0.0020	<0.0020
		61	<0.40	--	--	<0.0020	<0.0020	<0.0020	<0.0040	<0.0050	<0.0050	<0.0050	<0.0050	<0.099	<0.30	<0.0020	<0.0020
	2/5/15	71	<0.38	--	--	<0.0020	<0.0020	<0.0020	<0.0039	<0.0049	<0.0049	<0.0049	<0.0049	<0.098	<0.29	<0.0020	<0.0020
		81	<0.39	--	--	<0.0020	<0.0020	<0.0020	<0.0040	<0.0050	<0.0050	<0.0050	<0.0050	<0.099	<0.30	<0.0020	<0.0020
		100	<0.39	--	--	<0.0020	<0.0020	<0.0020	<0.0040	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	<0.30	<0.0020	<0.0020
		121	<0.40	--	--	<0.0020	<0.0020	<0.0020	<0.0039	<0.0049	<0.0049	<0.0049	<0.0049	<0.098	<0.29	<0.0020	<0.0020
	2/9/15	140	<0.40	--	--	<0.0020	<0.0020	<0.0020	<0.0039	<0.0049	<0.0049	<0.0049	<0.0049	<0.098	<0.30	<0.0020	<0.0020
		160	<0.40	--	--	<0.0020	<0.0020	<0.0020	<0.0039	<0.0049	<0.0049	<0.0049	<0.0049	<0.098	<0.30	<0.0020	<0.0020

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Sample ID	Date	Depth (ft bgs)	GRO (mg/kg)	DRO (mg/kg)	ORO (mg/kg)	Benzene (mg/kg)	Toluene (mg/kg)	Ethylbenzene (mg/kg)	Xylenes (mg/kg)	MtBE (mg/kg)	DIPE (mg/kg)	ETBE (mg/kg)	TAME (mg/kg)	TBA (mg/kg)	Ethanol (mg/kg)	1,2-DCA (mg/kg)	EDB (mg/kg)
MW-5	11/30/01	5.5	**880**	**510**	--	<2.5	**0.26**	**2.0**	**3.5**	**2.2**	<0.20	<0.20	<0.20	<100	--	<0.10	<0.20
		10.5	**760**	**660**	--	<0.50	**0.85**	**0.9**	**2.3**	**4.2**	<1.4	<1.4	<1.4	<71	--	<0.10	<0.20
		15.5	**1,900**	**3,700**	--	<1.0	<1.0	**2.8**	**610**	**15**	<1.4	<1.4	<1.4	<71	--	<0.10	<0.20
		20.5	**6,100**	**2,300**	--	**6.9**	**83**	**56**	**320**	**130**	<5.0	<5.0	<5.0	<250	--	<0.10	<0.20
		25.5	**4,700**	**3,400**	--	<2.5	**160**	**57**	**370**	**140**	<3.3	<3.3	<3.3	<170	--	<0.10	<0.20
		30.5	**3,400**	**580**	--	**2.3**	**170**	**57**	**360**	**32**	<2.0	<2.0	<2.0	<100	--	<0.10	<0.20
		35.5	**950**	**110**	--	<0.50	**28**	**14**	**110**	**15**	<0.10	<0.10	<0.10	<2.5	--	<0.10	<0.20
		40.5	<1.0	**6.3**	--	<0.005	**0.016**	<0.0050	**0.034**	**3.5**	<0.10	<0.10	<0.10	<2.5	--	<0.10	<0.20
		45.5	<1.0	**4.3**	--	<0.0050	**0.0066**	<0.0050	**0.02**	**3.3**	<0.10	<0.10	<0.10	<2.5	--	<0.10	<0.20
		50.5	<1.0	**2.3**	--	<0.0050	**0.0057**	<0.0050	**0.012**	**2.7**	<0.10	<0.10	<0.10	<2.5	--	<0.10	<0.20
		56	<1.0	<1.0	--	<0.0050	**0.022**	**0.0051**	**0.044**	**4.9**	<0.10	<0.10	<0.10	<2.5	--	<0.10	<0.20
MW-6	11/29/01	5.5	**1.1**	--	--	**0.0072**	**0.037**	<0.0050	**0.022**	**4.2**	<0.10	<0.10	<0.10	**17**	--	<0.10	<0.10
		10.5	**2.7**	--	--	**0.008**	**0.1**	**0.022**	**0.17**	**66**	<0.50	<0.50	<0.50	<25	--	<0.50	<0.50
		15.5	**21,000**	--	--	<25	**720**	**170**	**1,100**	**470**	<10.0	<10.0	<10.0	<500	--	<10.0	<10.0
		20.5	**3.1**	--	--	**0.02**	**0.057**	**0.016**	**0.12**	**280**	<3.3	<3.3	<3.3	<170	--	<3.3	<3.3
		25.5	**1,300**	--	--	<2.5	**41**	**24**	**150**	**99**	<2.0	<2.0	<2.0	<100	--	<2.0	<2.0
		30.5	**1.3**	--	--	**0.0069**	**0.038**	**0.0063**	**0.047**	**12**	<0.10	<0.10	<0.10	<5.0	--	<0.10	<0.10
		35.5	**1.0**	--	--	<0.005	**0.0062**	<0.005	**0.016**	**3.9**	<0.0050	<0.0050	<0.0050	<0.10	--	<0.0050	<0.0050
		40.5	<1.0	--	--	<0.005	**0.0054**	<0.005	**0.0061**	**2.2**	<0.0050	<0.0050	<0.0050	<0.10	--	<0.0050	<0.0050
		45.5	<1.0	--	--	<0.005	**0.0079**	<0.005	**0.019**	**4.5**	<0.0050	<0.0050	<0.0050	<0.10	--	<0.0050	<0.0050
		50.5	<1.0	--	--	<0.005	**0.0053**	<0.005	**0.0097**	**2.2**	<0.0050	<0.0050	<0.0050	<0.10	--	<0.0050	<0.0050
		55.5	<1.0	--	--	<0.005	<0.005	<0.005	**0.0058**	**0.95**	<0.0050	<0.0050	<0.0050	<0.10	--	<0.0050	<0.0050
MW-6D	1/29/15	121	<0.39	--	--	<0.0020	<0.0020	<0.0020	<0.0040	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	<0.30	<0.0020	<0.0020
		141	<0.40	--	--	<0.0020	<0.0020	<0.0020	<0.0040	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	<0.30	<0.0020	<0.0020
	1/30/15	167	<0.40	--	--	<0.0020	<0.0020	<0.0020	<0.0040	<0.0050	<0.0050	<0.0050	<0.0050	<0.099	<0.30	<0.0020	<0.0020
MW-7	8/27/08	26	<0.50	--	--	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0020	<0.0020	<0.0020	<0.010	<0.10	--	--
		56	<0.50	--	--	<0.0010	<0.0010	<0.0010	<0.0010	**0.0032**	<0.0020	<0.0020	<0.0020	<0.010	<0.10	--	--
		61	<0.50	--	--	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0020	<0.0020	<0.0020	<0.010	<0.10	--	--
MW-7D	12/9/14	5	<0.38	--	--	<0.0020	<0.0020	<0.0020	<0.0040	<0.0050	<0.0050	<0.0050	<0.0050	<0.099	--	<0.0020	<0.0020
	1/15/15	12	**170**	--	--	<0.19	<0.19	**0.95**	**7.9**	<0.48	<0.48	<0.48	<0.48	<9.7	<29	<0.19	<0.19
		21	<0.40	--	--	<0.0019	<0.0019	<0.0019	<0.0037	<0.0047	<0.0047	<0.0047	<0.0047	<0.093	<0.28	<0.0019	<0.0019
		40	<0.39	--	--	<0.0019	<0.0019	<0.0019	<0.0039	<0.0048	<0.0048	<0.0048	<0.0048	<0.097	<0.29	<0.0019	<0.0019
		60	<0.39	--	--	<0.0020	<0.0020	<0.0020	<0.0040	<0.0050	<0.0050	<0.0050	<0.0050	<0.099	<0.30	<0.0020	<0.0020
		61	<0.38	--	--	<0.0020	<0.0020	<0.0020	<0.0040	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	--	<0.0020	<0.0020
		70	<0.39	--	--	<0.0020	<0.0020	<0.0020	<0.0040	<0.0050	<0.0050	<0.0050	<0.0050	<0.099	--	<0.0020	<0.0020
		81	<0.38	--	--	<0.0020	<0.0020	<0.0020	<0.0040	<0.0050	<0.0050	<0.0050	<0.0050	<0.099	--	<0.0020	<0.0020
	1/16/15	101	<0.40	--	--	<0.0020	<0.0020	<0.0020	<0.0040	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	--	<0.0020	<0.0020
		121	<0.38	--	--	<0.0020	<0.0020	<0.0020	<0.0040	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	<0.30	<0.0020	<0.0020
		141	<0.40	--	--	<0.0020	<0.0020	<0.0020	<0.0040	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	<0.30	<0.0020	<0.0020
	1/19/15	161	<0.38	--	--	<0.0020	<0.0020	<0.0020	<0.0020	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	<0.30	<0.0020	<0.0020
MW-8	8/29/08	51	<0.50	--	--	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0020	<0.0020	<0.0020	<0.010	<0.10	--	--
		56	<0.50	--	--	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0020	<0.0020	<0.0020	<0.010	<0.10	--	--
		58	<0.50	--	--	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0020	<0.0020	<0.0020	<0.010	<0.10	--	--
MW-9	8/28/08	48	<0.50	--	--	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0020	<0.0020	<0.0020	<0.010	<0.10	--	--
		51	<0.50	--	--	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0020	<0.0020	<0.0020	<0.010	<0.10	--	--
		56	<0.50	--	--	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0020	<0.0020	<0.0020	<0.010	<0.10	--	--

TABLE 2
Historical Soil Analytical Data
ARCO Service Station No. 0465
151 Southgate Avenue, Daly City, CA

Sample ID	Date	Depth (ft bgs)	GRO (mg/kg)	DRO (mg/kg)	ORO (mg/kg)	Benzene (mg/kg)	Toluene (mg/kg)	Ethylbenzene (mg/kg)	Xylenes (mg/kg)	MtBE (mg/kg)	DIPE (mg/kg)	ETBE (mg/kg)	TAME (mg/kg)	TBA (mg/kg)	Ethanol (mg/kg)	1,2-DCA (mg/kg)	EDB (mg/kg)
MW-10	6/29/11	10	<0.50	--	--	<0.0010	<0.0010	<0.0010	<0.0010	**0.14**	<0.0020	<0.0020	<0.0020	<0.010	<0.10	<0.0010	<0.0010
	6/30/11	15	<0.50	--	--	<0.0010	<0.0010	<0.0010	**0.0095**	**0.26**	<0.0020	<0.0020	<0.0020	<0.010	<0.10	<0.0010	<0.0010
		20	**25**	--	--	<0.10	**1.3**	**0.63**	**4.7**	**5.3**	<0.20	<0.20	<0.20	**1.3**	<10	<0.10	<0.10
		25	**240**	--	--	<0.40	**10**	**2.5**	**22**	**49**	<0.80	<0.80	<0.80	<4.0	<40	<0.40	<0.40
		30	**18**	--	--	<0.20	**2.3**	**0.80**	**7.5**	**31**	<0.40	<0.40	<0.40	<2.0	<20	<0.20	<0.20
		35	**250**	--	--	<0.10	**2.2**	**1.6**	**22**	**17**	<0.20	<0.20	<0.20	**1.3**	<10	<0.10	<0.10
		40	**3.7**	--	--	<0.10	<0.10	<0.10	**0.12**	**12**	<0.20	<0.20	<0.20	**1.1**	<10	<0.10	<0.10
		45	**6.2**	--	--	<0.10	**0.65**	**0.22**	**3.2**	**20**	<0.20	<0.20	<0.20	<1.0	<10	<0.10	<0.10
		50	**4.4**	--	--	<0.10	**0.29**	<0.10	**1.2**	**76**	<0.20	<0.20	<0.20	**7.1**	<10	<0.10	<0.10
MW-11	6/30/11	20	<0.50	--	--	<0.0010	<0.0010	<0.0010	<0.0010	**0.0026**	<0.0020	<0.0020	<0.0020	<0.010	<0.10	<0.0010	<0.0010
		40	<0.50	--	--	<0.0010	<0.0010	<0.0010	<0.0010	**0.045**	<0.0020	<0.0020	<0.0020	**0.35**	<0.10	<0.0010	<0.0010
		50	<0.50	--	--	<0.0010	<0.0010	<0.0010	<0.0010	**0.052**	<0.0020	<0.0020	<0.0020	<0.010	<0.10	<0.0010	<0.0010
		55	<0.50	--	--	<0.0010	<0.0010	<0.0010	<0.0010	**0.011**	<0.0020	<0.0020	<0.0020	<0.010	<0.10	<0.0010	<0.0010
		60	<0.50	--	--	<0.0010	**0.0021**	<0.0010	**0.0012**	**0.17**	<0.0020	<0.0020	<0.0020	<0.010	<0.10	<0.0010	<0.0010
		65	<0.50	--	--	<0.0010	<0.0010	<0.0010	<0.0010	**0.14**	<0.0020	<0.0020	<0.0020	<0.010	<0.10	<0.0010	<0.0010
		70	<0.50	--	--	<0.0010	<0.0010	<0.0010	<0.0010	**0.016**	<0.0020	<0.0020	<0.0020	<0.010	<0.10	<0.0010	<0.0010
MW-12	6/28/11	20	<0.50	--	--	<0.0010	<0.0010	<0.0010	0.0010	**0.010**	<0.0020	<0.0020	<0.0020	<0.010	<0.10	<0.0010	<0.0010
	6/30/11	40	<0.50	--	--	<0.0010	**0.0013**	<0.0010	0.0010	**0.047**	<0.0020	<0.0020	<0.0020	<0.010	<0.10	<0.0010	<0.0010
		50	<0.50	--	--	<0.0010	<0.0010	<0.0010	<0.0010	**0.031**	<0.0020	<0.0020	<0.0020	<0.010	<0.10	<0.0010	<0.0010
		55	<0.50	--	--	<0.0010	**0.0028**	<0.0010	**0.0010**	**0.14**	<0.0020	<0.0020	<0.0020	<0.010	<0.10	<0.0010	<0.0010
		57	<0.50	--	--	<0.0010	**0.0010**	<0.0010	<0.0010	**0.031**	<0.0020	<0.0020	<0.0020	<0.010	<0.10	<0.0010	<0.0010
		58	<0.50	--	--	<0.0010	**0.0029**	<0.0010	**0.0089**	**0.074**	<0.0020	<0.0020	<0.0020	<0.010	<0.10	<0.0010	<0.0010
MW-13	1/6/15	10	<0.39	--	--	<0.0020	<0.0020	<0.0020	<0.0040	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	--	<0.0020	<0.0020
		20	**2.4**	--	--	<0.0049	<0.0049	<0.0049	**0.29**	<0.012	<0.012	<0.012	<0.012	<0.25	--	<0.0049	<0.0049
		30	<0.40	--	--	<0.0020	<0.0020	<0.0020	<0.0040	<0.0050	<0.0050	<0.0050	<0.0050	<0.099	--	<0.0020	<0.0020
		40	<0.39	--	--	<0.0020	<0.0020	<0.0020	<0.0040	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	--	<0.0020	<0.0020
		50	**0.67**	--	--	<0.0020	<0.0020	<0.0020	<0.0040	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	--	<0.0020	<0.0020
		60	<0.38	--	--	<0.0087	<0.0087	<0.0087	<0.017	**0.92**	<0.022	<0.022	<0.022	<0.43	--	<0.0087	<0.0087
		71	<0.38	--	--	<0.0019	<0.0019	<0.0019	<0.0038	**0.51**	<0.0048	<0.0048	<0.0048	<0.096	--	<0.0019	<0.0019
		80	<0.38	--	--	<0.0096	<0.0096	<0.0096	<0.019	**0.90**	<0.024	<0.024	<0.024	<0.48	--	<0.0096	<0.0096
MW-14	1/5/15	5	<0.38	--	--	<0.0020	<0.0020	<0.0020	<0.0040	**0.14**	<0.0050	<0.0050	<0.0050	<0.10	--	<0.0020	<0.0020
		10	<0.39	--	--	<0.0020	<0.0020	<0.0020	<0.0040	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	--	<0.0020	<0.0020
		20	**1.7**	--	--	<0.0020	<0.0020	<0.0020	**0.033**	<0.0050	<0.0050	<0.0050	<0.0050	**0.11**	--	<0.0020	<0.0020
		25	<0.37	--	--	<0.0020	<0.0020	<0.0020	<0.0040	<0.0050	<0.0050	<0.0050	<0.0050	**2.2**	--	<0.0020	<0.0020
		30	**2.5**	--	--	<0.0020	<0.0020	<0.0020	<0.0040	<0.0050	<0.0050	<0.0050	<0.0050	**0.94**	--	<0.0020	<0.0020
		40	<0.39	--	--	<0.0019	<0.0019	<0.0019	<0.0039	<0.0048	<0.0048	<0.0048	<0.0048	**3.2**	--	<0.0019	<0.0019
		50	<0.40	--	--	<0.0020	<0.0020	<0.0020	<0.0040	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	--	<0.0020	<0.0020
		60	<0.40	--	--	<0.0041	<0.0041	<0.0041	<0.0083	**0.44**	<0.010	<0.010	<0.010	**0.83**	--	<0.0041	<0.0041
		70	<0.39	--	--	<0.0020	<0.0020	<0.0020	<0.0040	**0.032**	<0.0050	<0.0050	<0.0050	<0.099	--	<0.0020	<0.0020
		80	<0.40	--	--	<0.0020	<0.0020	<0.0020	<0.0039	<0.0049	<0.0049	<0.0049	<0.0049	<0.099	--	<0.0020	<0.0020
MW-15	12/17/14	10	<0.38	--	--	<0.0020	<0.0020	<0.0020	<0.0040	<0.0050	<0.0050	<0.0050	<0.0050	<0.099	--	<0.0020	<0.0020
		20	<0.39	--	--	<0.0020	<0.0020	<0.0020	<0.0040	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	--	<0.0020	<0.0020
		30	<0.40	--	--	<0.0020	<0.0020	<0.0020	<0.0040	<0.0050	<0.0050	<0.0050	<0.0050	<0.099	--	<0.0020	<0.0020
		40	<0.38	--	--	<0.0020	<0.0020	<0.0020	<0.0040	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	--	<0.0020	<0.0020
		50	<0.40	--	--	<0.0020	<0.0020	<0.0020	<0.0040	**0.065**	<0.0050	<0.0050	<0.0050	<0.099	--	<0.0020	<0.0020
		60	<0.40	--	--	<0.010	<0.010	<0.010	<0.020	**7.3**	<0.025	<0.025	<0.025	<0.51	--	<0.010	<0.010

TABLE 2
Historical Soil Analytical Data
ARCO Service Station No. 0465
151 Southgate Avenue, Daly City, CA

Sample ID	Date	Depth (ft bgs)	GRO (mg/kg)	DRO (mg/kg)	ORO (mg/kg)	Benzene (mg/kg)	Toluene (mg/kg)	Ethylbenzene (mg/kg)	Xylenes (mg/kg)	MtBE (mg/kg)	DIPE (mg/kg)	ETBE (mg/kg)	TAME (mg/kg)	TBA (mg/kg)	Ethanol (mg/kg)	1,2-DCA (mg/kg)	EDB (mg/kg)
MW-15	12/17/14	70	<0.39	--	--	<0.010	<0.010	<0.010	<0.020	**3.8**	<0.025	<0.025	<0.025	<0.50	--	<0.010	<0.010
(Cont.)		80	<2.0	--	--	<0.0097	<0.0097	<0.0097	<0.019	**13**	<0.024	<0.024	<0.024	**27**	--	<0.0097	<0.0097
		90	<0.39	--	--	<0.0020	<0.0020	<0.0020	<0.0040	**0.33**	<0.0050	<0.0050	<0.0050	<0.10	--	<0.0020	<0.0020
MW-16	No Samples Collected During Borehole Advancement																
MW-17	No Samples Collected During Borehole Advancement																
MW-18	No Samples Collected During Borehole Advancement																
MW-19	5/17/16	62	<0.40	--	--	<0.0020	<0.0020	<0.0020	<0.0040	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	--	<0.0020	<0.0020
Remediation Well Samples																	
V-1	3/17/92	6	<1.0	--	--	<0.005	<0.005	<0.005	<0.005	--	--	--	--	--	--	--	--
		21	**43**	--	--	**0.55**	**1.2**	**0.34**	**2.1**	--	--	--	--	--	--	--	--
		31	**7,700**	--	--	**41**	**240**	**110**	**660**	--	--	--	--	--	--	--	--
V-2	3/19/92	5.5	<1.0	--	--	<0.005	<0.005	<0.005	<0.005	--	--	--	--	--	--	--	--
		15.5	**1,400**	--	--	**1.6**	**24**	**19**	**110**	--	--	--	--	--	--	--	--
		25.5	**120**	--	--	**0.37**	**4**	**1.7**	**8.7**	--	--	--	--	--	--	--	--
		30.5	<1.0	--	--	<0.005	**0.017**	<0.005	**0.035**	--	--	--	--	--	--	--	--
V-3	3/17/92	6	<1.0	--	--	<0.005	<0.005	<0.005	<0.005	--	--	--	--	--	--	--	--
		16	**1.5**	--	--	**0.095**	**0.093**	**0.031**	**0.16**	--	--	--	--	--	--	--	--
		26	<1.0	--	--	**0.007**	**0.011**	<0.005	**0.021**	--	--	--	--	--	--	--	--
		31	**1**	--	--	**0.09**	**0.07**	**0.015**	**0.077**	--	--	--	--	--	--	--	--
V-4	3/26/92	5	<1.0	--	--	**0.11**	<0.005	<0.005	<0.005	--	--	--	--	--	--	--	--
		15	<1.0	--	--	**0.018**	<0.005	<0.005	<0.005	--	--	--	--	--	--	--	--
		20	**12,000**	--	--	**96**	**600**	**260**	**1,300**	--	--	--	--	--	--	--	--
		35	<1.0	--	--	**0.12**	**0.12**	**0.014**	**0.078**	--	--	--	--	--	--	--	--
		45	<1.0	--	--	**0.1**	**0.094**	**0.012**	**0.072**	--	--	--	--	--	--	--	--
		55	<1.0	--	--	**0.14**	**0.083**	**0.012**	**0.095**	--	--	--	--	--	--	--	--
		65	<1.0	--	--	**0.01**	<0.005	<0.005	<0.005	--	--	--	--	--	--	--	--
V-5	3/17/92	5	**4,500**	--	--	<0.0050	<0.0050	<0.0050	**47**	--	--	--	--	--	--	--	--
		15	**1,300**	--	--	**1.8**	**4**	**2.8**	**17**	--	--	--	--	--	--	--	--
		30	**22**	--	--	<0.0050	**0.057**	**0.076**	**0.44**	--	--	--	--	--	--	--	--
		45	<1.0	--	--	<0.0050	<0.0050	<0.0050	<0.0050	--	--	--	--	--	--	--	--
		60	<1.0	--	--	0.049	<0.0050	**0.005**	**0.044**	--	--	--	--	--	--	--	--
		90	<1.0	--	--	<0.0050	<0.0050	<0.0050	<0.0050	--	--	--	--	--	--	--	--
V-6	3/27/92	5.5	<1.0	--	--	<0.005	<0.005	<0.005	<0.005	--	--	--	--	--	--	--	--
		15.5	<1.0	--	--	<0.005	**0.007**	<0.005	<0.005	--	--	--	--	--	--	--	--
		25.5	<1.0	--	--	0.019	**0.048**	**0.009**	**0.043**	--	--	--	--	--	--	--	--
		40.5	<1.0	--	--	<0.005	<0.005	<0.005	<0.005	--	--	--	--	--	--	--	--
		55.5	<1.0	--	--	**0.1**	**0.052**	**0.01**	**0.07**	--	--	--	--	--	--	--	--
		61.7	<1.0	--	--	**0.017**	<0.005	<0.005	<0.005	--	--	--	--	--	--	--	--
		70.5	<1.0	--	--	<0.005	<0.005	<0.005	<0.005	--	--	--	--	--	--	--	--
V-7	7/22/92	5	<1.0	--	--	<0.005	<0.005	<0.005	<0.005	--	--	--	--	--	--	--	--
		15	<1.0	--	--	**0.09**	**0.1**	**0.016**	**0.082**	--	--	--	--	--	--	--	--
		25	**590**	--	--	**2.2**	**28**	**16**	**93**	--	--	--	--	--	--	--	--
		34.5	<1.0	--	--	**0.017**	**0.038**	<0.005	<0.005	--	--	--	--	--	--	--	--
		45	<1.0	--	--	<0.005	<0.005	<0.005	<0.005	--	--	--	--	--	--	--	--
		55	<1.0	--	--	<0.005	<0.005	<0.005	<0.005	--	--	--	--	--	--	--	--

TABLE 2
Historical Soil Analytical Data
ARCO Service Station No. 0465
151 Southgate Avenue, Daly City, CA

Sample ID	Date	Depth (ft bgs)	GRO (mg/kg)	DRO (mg/kg)	ORO (mg/kg)	Benzene (mg/kg)	Toluene (mg/kg)	Ethylbenzene (mg/kg)	Xylenes (mg/kg)	MtBE (mg/kg)	DIPE (mg/kg)	ETBE (mg/kg)	TAME (mg/kg)	TBA (mg/kg)	Ethanol (mg/kg)	1,2-DCA (mg/kg)	EDB (mg/kg)
V-7	7/22/92	60	<1.0	--	--	**0.022**	<0.005	<0.005	<0.005	--	--	--	--	--	--	--	--
(Cont.)		75	<1.0	--	--	<0.005	<0.005	<0.005	<0.005	--	--	--	--	--	--	--	--
		84.5	<1.0	--	--	<0.005	<0.005	<0.005	<0.005	--	--	--	--	--	--	--	--
V-8	5/19/93	10.5	<1.0	--	--	<0.005	<0.005	<0.005	<0.005	--	--	--	--	--	--	--	--
		21.5	**5,200**	--	--	**56**	**230**	**71**	**480**	--	--	--	--	--	--	--	--
		31.5	**3.2**	--	--	**0.21**	**0.31**	**0.043**	**0.33**	--	--	--	--	--	--	--	--
		40.5	<1.0	--	--	<0.005	<0.005	<0.005	**0.008**	--	--	--	--	--	--	--	--
		50.5	<1.0	--	--	<0.005	**0.016**	<0.005	**0.043**	--	--	--	--	--	--	--	--
		55.5	<1.0	--	--	<0.005	<0.005	<0.005	**0.028**	--	--	--	--	--	--	--	--
		59.5	<1.0	--	--	**0.009**	<0.005	<0.005	<0.005	--	--	--	--	--	--	--	--
		65.5	<1.0	--	--	**0.011**	**0.017**	<0.005	<0.005	--	--	--	--	--	--	--	--
		70.5	<1.0	--	--	**0.013**	**0.01**	<0.005	<0.005	--	--	--	--	--	--	--	--
	5/19/93	76.5	<1.0	--	--	<0.005	<0.005	<0.005	<0.005	--	--	--	--	--	--	--	--
		80.5	<1.0	--	--	<0.005	<0.005	<0.005	<0.005	--	--	--	--	--	--	--	--
V-9	6/27/11	20	**2,000**	--	--	**1.5**	**3.0**	**8.6**	**64**	**7.4**	<1.0	<1.0	<1.0	<5.0	<50	<0.50	<0.50
		25	**15,000**	--	--	**23**	**590**	**210**	**1,400**	**210**	<10	<10	<10	<50	<500	<5.0	<5.0
		30	**780**	--	--	**0.87**	**20**	**9.5**	**66**	**96**	<0.80	<0.80	<0.80	<4.0	<40	<0.40	<0.40
		35	<0.50	--	--	<0.10	<0.10	<0.10	**0.13**	**13**	<0.20	<0.20	<0.20	**2.2**	<10	<0.10	<0.10
		40	**0.75**	--	--	<0.10	<0.10	<0.10	<0.10	**15**	<0.20	<0.20	<0.20	<1.0	<10	<0.10	<0.10
V-10	6/29/11	20	**5.0**	--	--	<0.10	**0.66**	**0.15**	**1.1**	**17**	<0.20	<0.20	<0.20	**3.5**	<10	<0.10	<0.10
		35	**1,200**	--	--	<0.50	**20**	**12**	**110**	**41**	<1.0	<1.0	<1.0	<5.0	<50	<0.50	<0.50
V-11	12/12/14	10	<0.39	--	--	<0.0019	<0.0019	<0.0019	<0.0039	<0.0049	<0.0049	<0.0049	<0.0049	<0.097	--	<0.0019	<0.0019
		20	<0.40	--	--	<0.0020	<0.0020	<0.0020	<0.0040	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	--	<0.0020	<0.0020
		30	<0.40	--	--	<0.0019	<0.0019	<0.0019	<0.0038	<0.0048	<0.0048	<0.0048	<0.0048	**0.18**	--	<0.0019	<0.0019
		40	<0.38	--	--	<0.0020	<0.0020	<0.0020	<0.0040	<0.0050	<0.0050	<0.0050	<0.0050	**0.34**	--	<0.0020	<0.0020
		50	<0.40	--	--	<0.0019	<0.0019	<0.0019	<0.0038	<0.0047	<0.0047	<0.0047	<0.0047	<0.095	--	<0.0019	<0.0019
		60	<0.40	--	--	<0.0039	<0.0039	<0.0039	<0.0078	**0.25**	<0.0098	<0.0098	<0.0098	**4.6**	--	<0.0039	<0.0039
		63	**0.43**	--	--	<1.0	<1.0	<1.0	<2.0	**49**	<2.5	<2.5	<2.5	<50	--	<1.0	<1.0
		70	<0.39	--	--	<0.0095	<0.0095	<0.0095	<0.019	**2.1**	<0.024	<0.024	<0.024	<0.48	--	<0.0095	<0.0095
		80	<0.38	--	--	<0.0097	<0.0097	<0.0097	<0.019	**1.1**	<0.024	<0.024	<0.024	<0.49	--	<0.0097	<0.0097
		90	<0.39	--	--	<0.0040	<0.0040	<0.0040	<0.0079	**0.26**	<0.0099	<0.0099	<0.0099	<0.20	--	<0.0040	<0.0040
		100	<0.38	--	--	<0.0020	<0.0020	<0.0020	<0.0040	**0.014**	<0.0050	<0.0050	<0.0050	<0.10	--	<0.0020	<0.0020
		110	<0.38	--	--	<0.0020	<0.0020	<0.0020	<0.0040	**0.025**	<0.0050	<0.0050	<0.0050	<0.099	--	<0.0020	<0.0020
		121	<0.39	--	--	<0.0020	<0.0020	<0.0020	<0.0040	**0.018**	<0.0050	<0.0050	<0.0050	<0.10	--	<0.0020	<0.0020
V-12	10/7/15	5	<0.40	--	--	<0.0020	<0.0020	<0.0020	<0.0040	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	--	<0.0020	<0.0020
V-13	10/8/15	5	<0.40	--	--	<0.0020	<0.0020	<0.0020	<0.0040	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	--	<0.0020	<0.0020
	10/13/15	20	**0.46**	--	--	<0.0020	<0.0020	<0.0020	<0.0040	**0.020**	<0.0050	<0.0050	<0.0050	<0.10	--	<0.0020	<0.0020
		40	<0.40	--	--	<0.0020	**0.0028**	<0.0020	**0.0075**	**0.051**	<0.0050	<0.0050	<0.0050	<0.099	--	<0.0020	<0.0020
		60	<0.40	--	--	<0.010	<0.010	<0.010	<0.020	**2.4**	<0.025	<0.025	<0.025	**1.5**	--	<0.010	<0.010
		65	<1.9	--	--	<0.0095	<0.0095	<0.0095	<0.019	**14**	<0.024	<0.024	<0.024	**26**	--	<0.0095	<0.0095
		70	<1.1	--	--	<0.0095	<0.0095	<0.0095	<0.019	**1.6**	<0.024	<0.019	<0.019	**1.6**	--	<0.0095	<0.0095
		80	<2.0	--	--	<0.0096	<0.0096	<0.0096	<0.019	**0.70**	<0.024	<0.021	<0.021	**0.60**	--	<0.0096	<0.0096
		90	<0.40	--	--	<0.0020	<0.0020	<0.0020	<0.0040	**0.22**	<0.0050	<0.0050	<0.0050	<0.10	--	<0.0020	<0.0020

TABLE 2
Historical Soil Analytical Data
ARCO Service Station No. 0465
151 Southgate Avenue, Daly City, CA

Sample ID	Date	Depth (ft bgs)	GRO (mg/kg)	DRO (mg/kg)	ORO (mg/kg)	Benzene (mg/kg)	Toluene (mg/kg)	Ethylbenzene (mg/kg)	Xylenes (mg/kg)	MtBE (mg/kg)	DIPE (mg/kg)	ETBE (mg/kg)	TAME (mg/kg)	TBA (mg/kg)	Ethanol (mg/kg)	1,2-DCA (mg/kg)	EDB (mg/kg)
V-14	5/10/16	66	<0.40	--	--	<0.0020	<0.0020	<0.0020	<0.0040	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	--	<0.0020	<0.0020
		76	<0.40	--	--	<0.0020	<0.0020	<0.0020	<0.0040	**0.21**	<0.0050	<0.0050	<0.0050	<0.099	--	<0.0020	<0.0020
		86	<0.40	--	--	<0.0096	<0.0096	<0.0096	<0.019	**2.7**	<0.024	<0.024	<0.024	**1.2**	--	<0.0096	<0.0096

Notes

mg/kg = milligrams per kilogram or parts per million (ppm)
-- = Not analyzed
GRO = Gasoline range organics
B = Benzene
T = Toluene
E = Ethylbenzene
X = Total xylenes
MTBE = Methyl tert-butyl ether (by DHS-LUFT / by EPA Method 8260B)
TBA = Tert-butyl alcohol
DIPE = Di-isopropyl ether
ETBE = Ethyl tert-butyl ether
TAME = Tert-amyl methyl ether
1,2-DCA = 1,2 Dichloroethane
EDB = 1,2-Dibromoethane

Lab Notes: CSB-6 1 = D5, 1 - The sample contained 13,000 ppm heavy oil.
2 = D5, 2 - The sample contained 2,300 ppm heavy oil.
3 = D5, 3 - The sample contained 380 ppm heavy oil.
4 = D5, 4 - The sample contained 220 ppm heavy oil.
5 = D5, 5 - The sample contained 430 ppm heavy oil.
6 = D5, 6 - The sample contained 63 ppm heavy oil.

TABLE 3
Historical Soil VOC Analytical Data
ARCO Service Station No. 465
151 Southgate Avenue, Daly City, CA

| Well/Boring ID | Sample Date | Sample Depth (feet bgs) | Bromobenzene | Bromochloromethane | Bromodichloromethane | Bromoform | Bromomethane | sec-Butylbenzene | tert-Butylbenzene | n-Butylbenzene | Carbon tetrachloride | Chlorobenzene | Chloroethane | Chloroform | Chloromethane | 2-Chlorotoluene | 4-Chlorotoluene | 1,2-Dibromo-3-chloropropane | Dibromochloromethane | 1,2-Dibromoethane | Dibromomethane | 1,2-Dichlorobenzene | 1,3-Dichlorobenzene | 1,4-Dichlorobenzene | Dichlorodifluoromethane | 1,1-Dichloroethane | 1,2-Dichloroethane | 1,1-Dichloroethene | cis-1,2-Dichloroethene | cis-1,3-Dichloropropene | trans-1,2-Dichloroethene | trans-1,3-Dichloropropene | 1,2-Dichloropropane | 1,3-Dichloropropane | 2,2-Dichloropropane | 1,1-Dichloropropene | Hexachlorobutadiene | Isopropylbenzene | Methylene chloride | Naphthalene | 2-Methylnaphthalene | p-Isopropyltoluene | n-Propylbenzene | Styrene | 1,1,1,2-Tetrachloroethane | 1,1,2,2-Tetrachloroethane | Tetrachloroethene | 1,2,3-Trichlorobenzene | 1,2,4-Trichlorobenzene | 1,1,1-Trichloroethane | 1,1,2-Trichloroethane | Trichloroethene | Trichlorofluoromethane | 1,2,3-Trichloropropane | 1,2,4-Trimethylbenzene | 1,3,5-Trimethylbenzene | Vinyl chloride |
|---|---|---

Table 4
Historical Soil SVOC Analytical Data
ARCO Service Station No. 0465
151 Southgate Avenue, Daly City, CA

		Waste Oil UST Soil Boring Samples		
	Sample Name	**V-5**	**V-5**	**V-5**
	Date Sampled	3/17/92	3/17/92	3/17/92
	Depth (feet bgs)	14.5-15	29.5-30	89.5-90
	Units	mg/kg	mg/kg	mg/kg
SVOCs	1,2,4-Trichlorobenzene	<0.50	<0.10	<0.10
	1,2-Dichlorobenzene	<0.50	<0.10	<0.10
	1,3-Dichlorobenzene	<0.50	<0.10	<0.10
	1,4-Dichlorobenzene	<0.50	<0.10	<0.10
	2,4,5-Trichlorophenol	<2.50	<0.50	<0.50
	2,4,6-Trichlorophenol	<0.50	<0.10	<0.10
	2,4-Dichlorophenol	<0.50	<0.10	<0.10
	2,4-Dimethylphenol	<0.50	<0.10	<0.10
	2,4-Dinitrophenol	<2.50	<0.50	<0.50
	2,4-Dinitrotoluene	<0.50	<0.10	<0.10
	2,6-Dinitrotoluene	<0.50	<0.10	<0.10
	2-Chloronaphthalene	<0.50	<0.10	<0.10
	2-Chlorophenol	<0.50	<0.10	<0.10
	2-Methylnaphthalene	**0.82**	<0.10	<0.10
	2-Methylphenol	<0.50	<0.10	<0.10
	4-Methylphenol	<0.50	<0.10	<0.10
	2-Nitroaniline	<2.50	<0.50	<0.10
	2-Nitrophenol	<0.50	<0.10	<0.10
	3,3-Dichlorobenzidine	<2.50	<0.50	<0.50
	3-Nitroaniline	<2.50	<0.50	<0.50
	4,6-Dinitro-2-Methylphenol	<2.50	<0.50	<0.50
	4-Bromophenyl-Phenyl Ether	<0.50	<0.10	<0.10
	4-Chloro-3-Methylphenol	<0.50	<0.10	<0.10
	4-Chloroaniline	<0.50	<0.10	<0.10
	4-Chlorophenyl-Phenyl Ether	<0.50	<0.10	<0.10
	4-Nitroaniline	<2.50	<0.50	<0.50
	4-Nitrophenol	<2.50	<0.10	<0.50
	Acenaphthene	<0.50	<0.10	<0.10
	Acenaphthylene	<0.50	<0.10	<0.10
	Aniline	<0.50	<0.10	<0.10
	Anthracene	<0.50	<0.10	<0.10
	Benzidine	<12.50	<2.50	<2.5
	Benzo (a) Anthracene	<0.50	<0.10	<0.10
	Benzo (a) Pyrene	<0.50	<0.10	<0.10
	Benzo (b) Fluoranthene	<0.50	<0.10	<0.10
	Benzo (g,h,i) Perylene	<0.50	<0.10	<0.10
	Benzo (k) Fluoranthene	<0.50	<0.10	<0.10
	Benzoic Acid	<2.50	<0.50	<0.50
	Benzyl Alcohol	<0.50	<0.10	<0.10
	Bis(2-Chloroethoxy) Methane	<0.50	<0.10	<0.10
	Bis(2-Chloroethyl) Ether	<0.50	<0.10	<0.10
	Bis(2-Chloroisopropyl) Ether	<0.50	<0.10	<0.10
	Bis(2-Ethylhexyl) Phthalate	<2.50	<0.50	<0.50
	Butyl Benzyl Phthalate	<0.50	<0.10	<0.10
	Chrysene	<0.50	<0.10	<0.10
	Di-n-Butyl Phthalate	<2.50	<0.50	<0.50
	Di-n-Octyl Phthalate	<0.50	<0.10	<0.10
	Dibenz (a,h) Anthracene	<0.50	<0.10	<0.10
	Dibenzofuran	<0.50	<0.10	<0.10
	Diethyl Phthalate	<0.50	<0.10	<0.10
	Dimethyl Phthalate	<0.50	<0.10	<0.10
	Fluoranthene	<0.50	<0.10	<0.10
	Fluorene	<0.50	<0.10	<0.10
	Hexachlorobenzene	<0.50	<0.10	<0.10
	Hexachlorobutadiene	<0.50	<0.10	<0.10
	Hexachlorocyclopentadiene	<0.50	<0.10	<0.10
	Hexachloroethane	<0.50	<0.10	<0.10
	Indeno (1,2,3-c,d) Pyrene	<0.50	<0.10	<0.10
	Isophorone	<0.50	<0.10	<0.10
	N-Nitroso-di-n-propylamine	<0.50	<0.10	<0.10
	N-Nitrosodiphenylamine	<0.50	<0.10	<0.10
	Naphthalene	**2.20**	<0.10	<0.10
	Nitrobenzene	<0.50	<0.10	<0.10
	Pentachlorophenol	<2.50	<0.50	<0.50
	Phenanthrene	<0.50	<0.10	<0.10
	Phenol	<0.50	<0.10	<0.10
	Pyrene	<0.50	<0.10	<0.10

Explanation
SVOC = Semi-Volatile Organic Compounds by EPA Method 8270
feet bgs = feet below ground surface
UST = Underground Storage Tank
mg/kg = milligrams per kilogram
Well V-5 originally named MW-5 (See Table 1)
-- = not analyzed
Lab Note: Soil, MW-5 / 14.5-15 - "No Additional peaks >0.25 mg/kg were identified by the Mass Spectral Library."
Lab Note: Soil, MW-5 / 29.5-30 - "No Additional peaks >0.25 mg/kg were identified by the Mass Spectral Library."
Lab Note: Soil, MW-5 / 89.5-90 - "No Additional peaks >0.25 mg/kg were identified by the Mass Spectral Library."

TABLE 5
Additional Historical Soil Analytical Data
ARCO Service Station No. 0465
151 Southgate Avenue, Daly City, CA

Sample ID	Date	Depth (ft bgs)	DRO (mg/kg)	ORO (mg/kg)	Motor Oil (mg/kg)	Stoddard (mg/kg)	Jet-A (mg/kg)	Oil and Grease (mg/kg)	TPH-o (mg/kg)
MW-5	11/30/01	5.5	**510** [T]	--	**300**	**5,400**	<10	**220**	--
	11/30/01	10.5	**660** [T]	--	**380**	**6,900**	<10	**420**	--
	11/30/01	15.5	**3,700** [T]	--	**1,900**	**44,000**	<50	**1,300**	--
	11/30/01	20.5	**2,300** [T]	--	**1,400**	**27,000**	<50	**1,600**	--
	11/30/01	25.5	**3,400** [T]	--	**1,600**	**40,000**	<50	**560**	--
	11/30/01	30.5	**580** [T]	--	**<200**	**6,300**	<20	**130**	--
	11/30/01	35.5	**110** [T]	--	**52**	<1.0	**120**	<10	--
	11/30/01	40.5	**6.3** [T]	--	<10	<1.0	**6.6**	<10	--
	11/30/01	45.5	**4.3** [T]	--	<10	<1.0	**4.4**	<10	--
	11/30/01	50.5	**2.3** [T]	--	**11**	<1.0	<1.0	**22**	--
	11/30/01	56	<1.0	--	<10	<1.0	<1.0	<10	--
MW-5A	04/03/03	24.5	**1,500**	--	--	**2,400**	--	**1,200**	<400
	04/03/03	55.5	<1.0	--	--	<1.0	--	<50	<10
	04/03/03	57	<1.0	--	--	<1.0	--	<50	<10
	04/03/03	58.5	**1.0**	--	--	**1.1**	--	<50	<10
	04/03/03	60.5	<1.0	--	--	<1.0	--	<50	<10
	04/03/03	70	<1.0	--	--	<1.0	--	<50	<10
	04/03/03	75	<1.0	--	--	<1.0	--	<50	<10
	04/03/03	80	<1.0	--	--	<1.0	--	<50	<10
	04/03/03	85	<1.0	--	--	<1.0	--	<50	<10
MW-10	06/30/11	10	--	--	**68**	<5.0	--	--	--
	06/30/11	15	--	--	<25	<5.0	--	--	--
	06/30/11	20	--	--	<25	<5.0	--	--	--
	06/30/11	25	--	--	<25	**8.0**	--	--	--
	06/30/11	30	--	--	<25	**9.6**	--	--	--
	06/30/11	35	--	--	<25	**27**	--	--	--
	06/30/11	40	--	--	<25	<5.0	--	--	--
	06/30/11	45	--	--	<25	<5.0	--	--	--
	06/30/11	50	--	--	<25	**7.1**	--	--	--
MW-11	06/30/11	20	--	--	<25	<5.0	--	--	--
	06/30/11	40	--	--	<25	<5.0	--	--	--
	06/30/11	50	--	--	<25	<5.0	--	--	--
	06/30/11	55	--	--	<25	<5.0	--	--	--
	06/30/11	60	--	--	<25	<5.0	--	--	--
	06/30/11	65	--	--	<25	<5.0	--	--	--
	06/30/11	70	--	--	<25	<5.0	--	--	--
MW-12	06/30/11	20	--	--	<25	<5.0	--	--	--
	06/30/11	40	--	--	<25	<5.0	--	--	--
	06/30/11	50	--	--	<25	<5.0	--	--	--
	06/30/11	55	--	--	<25	<5.0	--	--	--
	06/30/11	57	--	--	<25	<5.0	--	--	--
	06/30/11	58	--	--	<25	<5.0	--	--	--
SB-1A	07/19/05	6.5	**3.5**	--	--	**3.4**	--	--	--
	07/19/05	11.5	**3.2**	--	--	<1.0	--	--	--
	07/19/05	16.5	**790**	--	--	**1,200**	--	--	--
	07/19/05	21.5	**8.0**	--	--	**6.4**	--	--	--
	07/19/05	26.5	**12**	--	--	**7.9**	--	--	--
	07/19/05	31.5	**69**	--	--	**76**	--	--	--
	07/19/05	36.5	**88**	--	--	**120**	--	--	--
	07/19/05	41.5	**5.4**	--	--	**4.2**	--	--	--
	07/19/05	46.5	**180**	--	--	**250**	--	--	--
	07/19/05	51.5	**2.8**	--	--	**2.3**	--	--	--
	07/19/05	56.5	<1.0	--	--	<1.0	--	--	--
	07/19/05	61.5	<1.0	--	--	<1.0	--	--	--
	07/19/05	66.5	<1.0	--	--	<1.0	--	--	--
	07/19/05	71.5	<1.0	--	--	<1.0	--	--	--

TABLE 5
Additional Historical Soil Analytical Data
ARCO Service Station No. 0465
151 Southgate Avenue, Daly City, CA

Sample ID	Date	Depth (ft bgs)	DRO (mg/kg)	ORO (mg/kg)	Motor Oil (mg/kg)	Stoddard (mg/kg)	Jet-A (mg/kg)	Oil and Grease (mg/kg)	TPH-o (mg/kg)
V-9	06/30/11	20	--	--	<25	**610**	--	--	--
	06/30/11	25	--	--	<25	**5,500**	--	--	--
	06/30/11	30	--	--	<25	**79**	--	--	--
	06/30/11	35	--	--	<25	<5.0	--	--	--
	06/30/11	40	--	--	<25	<5.0	--	--	--
V-10	06/30/11	20	--	--	<25	<5.0	--	--	--
	06/30/11	35	--	--	<25	**160**	--	--	--
SB-21	10/08/15	3	**130**	**920**	--	--	--	--	--
		5	**35**	**260**	--	--	--	--	--
	10/29/15	10	--	**110**	--	--	--	--	--
		15	--	**76**	--	--	--	--	--
		25	--	**120**	--	--	--	--	--
		35	--	**9.3**	--	--	--	--	--
		40	--	**10**	--	--	--	--	--
SB-22	10/08/15	3	**220**	**1,100**	--	--	--	--	--
		5	**67**	**420**	--	--	--	--	--
	10/29/15	10	--	**290**	--	--	--	--	--
		15	--	**300**	--	--	--	--	--
		25	--	**180**	--	--	--	--	--
		35	--	**19**	--	--	--	--	--

Explanation:
DRO = Diesel range organics
ORO = Oil range organics
TPH-o = Total petroleum hydrocarbons as oil
ft bgs = feet below ground surface
mg/kg = milligrams per kilogram or parts per million (ppm)
-- = Not analyzed
< = Analyte was not detected above the specified reporting limit
f = Hydrocarbon pattern is present in the requested fuel quantitation range but does not resemble the pattern of the requested fuel

Table 6
Historical Soil Metals Analytical Data
ARCO Service Station No. 0465
151 Southgate Avenue, Daly City, California

Sample ID	Date	Depth (ft bgs)	Antimony (mg/kg)	Arsenic (mg/kg)	Barium (mg/kg)	Beryllium (mg/kg)	Cadmium (mg/kg)	Chromium (mg/kg)	Cobalt (mg/kg)	Copper (mg/kg)	Lead (mg/kg)	Mercury (mg/kg)	Molybdenum (mg/kg)	Nickel (mg/kg)	Selenium (mg/kg)	Silver (mg/kg)	Thallium (mg/kg)	Vanadium (mg/kg)	Zinc (mg/kg)
Vapor Extraction Wells																			
V-5	3/17/92	15	--	--	--	--	ND	**29**	--	--	**1.6**	--	--	--	--	--	--	--	**27**
	3/17/92	30	--	--	--	--	ND	**32**	--	--	**1.8**	--	--	--	--	--	--	--	**30**
	3/17/92	60	--	--	--	--	ND	**43**	--	--	**3.7**	--	--	--	--	--	--	--	**51**
	3/17/92	90	--	--	--	--	**0.72**	**33**	--	--	**6.7**	--	--	--	--	--	--	--	**31**
Monitoring Wells																			
MW-5	11/30/01	5.5	--	--	**28**	--	--	**27**	**5.0**	**3.3**	**28**	<0.010	--	**34**	--	**0.50**	<5.0	**21**	**19**
		15.5	--	--	**27**	--	--	**31**	**6.6**	**4.9**	**3.0**	**0.011**	--	**45**	--	**0.70**	<5.0	**24**	**24**
		25.5	--	--	**34**	--	--	**37**	**7.6**	**4.7**	**2.6**	**0.014**	--	**43**	--	**0.80**	<5.0	**30**	**27**
		35.5	--	--	**29**	--	--	**31**	**7.4**	**12**	**2.4**	**0.011**	--	**43**	--	**0.65**	<5.0	**23**	**31**
		45.5	--	--	**24**	--	--	**30**	**5.5**	**64**	<1.0	**0.012**	--	**34**	--	**0.55**	--	**23**	**55**
		56	--	--	**29**	--	--	**33**	**7.2**	**4.0**	**1.9**	**0.012**	--	**45**	--	**0.70**	--	**28**	**28**
MW-5A	4/3/03	24.5	<5.0	<5.0	**25**	**0.24**	<0.20	**32**	**5.5**	**10**	<5.0	**0.0066**	<1.0	**34**	<5.0	<0.50	<5.0	**30**	**25**
		55.5	<5.0	<5.0	**21**	**0.25**	<0.20	**29**	**6.6**	**9.7**	<5.0	**0.0069**	<1.0	**38**	<5.0	<0.50	<5.0	**30**	**44**
		57	<5.0	<5.0	**27**	**0.30**	<0.20	**36**	**6.0**	**6.8**	<5.0	**0.0083**	<1.0	**41**	<5.0	<0.50	<5.0	**33**	**47**
		58.5	<5.0	<5.0	**20**	**0.32**	<0.20	**40**	**6.8**	**12**	<5.0	**0.0093**	<1.0	**38**	<5.0	<0.50	<5.0	**47**	**57**
		60.5	<5.0	<5.0	**29**	**0.28**	<0.20	40	**6.4**	**26**	<5.0	**0.0097**	<1.0	**23**	<5.0	<0.50	<5.0	**36**	**63**
		70	<5.0	<5.0	**34**	**0.33**	<0.20	**42**	**7.7**	**7.2**	<5.0	**0.013**	<1.0	**43**	<5.0	<0.50	<5.0	**32**	**41**
		75	<5.0	<5.0	**37**	**0.34**	<0.20	**39**	**7.9**	**11**	<5.0	**0.0090**	<1.0	**51**	<5.0	<0.50	<5.0	**33**	**47**
		80	<5.0	<5.0	**33**	**0.28**	<0.20	**32**	**8.0**	**8.0**	<5.0	**0.0096**	<1.0	**48**	<5.0	<0.50	<5.0	**26**	**41**
		85	<5.0	**6.1**	**27**	**0.30**	<0.20	**36**	**9.2**	**10**	<5.0	**0.0083**	<1.0	**54**	<5.0	<0.50	<5.0	**32**	**42**

mg/kg = milligrams per kilogram or parts per million (ppm)
-- = Not analyzed
< = Analyte was not detected above the specified reporting limit
ND = Not detected

TABLE 7
Historical Grab Groundwater Analytical Data
ARCO Service Station No. 0465
151 Southgate Avenue, Daly City, California

Sample Name	Date Sampled	Depth Sampled (feet)	GRO (ug/L)	Benzene (ug/L)	Toluene (ug/L)	Ethylbenzene (ug/L)	Total Xylenes (ug/L)	MtBE (ug/L)	Ethanol (ug/L)	TBA (ug/L)	DIPE (ug/L)	ETBE (ug/L)	TAME (ug/L)	1,2-DCA (ug/L)	EDB (ug/L)	Stoddard Solvent (ug/L)	1,2,4-Trimethyl-benzene (ug/L)	1,3,5-Trimethyl-benzene (ug/L)
SB-3 [BZ, BU, IY]	7/18/05	60.5	**59,000**	**670**	**6,000**	**740**	**4,800**	**49,000**	<50,000	<10,000	<250	<250	<250	<250	<250	**480**	**930**	**280**
SB-4	9/29/05	50.7	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<100	<20	<0.50	<0.50	<0.50	<0.50	<0.50	--	--	--
SB-5	9/29/05	46.7	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<100	<20	<0.50	<0.50	<0.50	<0.50	<0.50	--	--	--
SB-7	9/28/05	59.4	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<100	<20	<0.50	<0.50	<0.50	<0.50	<0.50	--	--	--
SB-8	9/27/05	52.7	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<100	<20	<0.50	<0.50	<0.50	<0.50	<0.50	--	--	--
SB-9	9/29/05	57.2	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<100	<20	<0.50	<0.50	<0.50	<0.50	<0.50	--	--	--
SB-10	9/27/05	49.2	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<100	<20	<0.50	<0.50	<0.50	<0.50	<0.50	--	--	--
SB-17	1/14/15	58.6 - 61	<100	<0.50	<0.50	<0.50	<0.50	**790**	--	**11**	<0.50	<0.50	**0.59**	<0.50	<0.50	--	--	--

Explanation:
ug/L = micrograms per liter
GRO = gasoline range organics by EPA Method 8260B, modified
BTEX = benzene, toluene, ethylbenzene, and xylenes by EPA Method 8260B
Stoddard Solvent (C9 to C13) analyzed by EPA Method 8015B with silica gel cleanup
Fuel Oxygenates = ethanol, tert-butyl alcohol (TBA), methyl tert-butyl ether (MtBE), di-isopropyl ether (DIPE), ethyl tert-butyl ether (ETBE), tert-amyl methyl ether (TAME), 1,2-dicholoroethane (1,2-DCA), and 1,2-dibromoethane (EDB) analyzed using EPA Method 8260B

Lab Notes:
BZ - Sample preserved improperly (23.0^{o}C at time of sample receiving)
BU - Sample analyzed after hold time expired.
IY - The analyte concentration is derived from a single calibration point.

Table 8
Historical Groundwater Monitoring & Analytical Data
ARCO Service Station No. 465
151 Southgate Avenue, Daly City, California

Well No.	Date	Notes	TOC Elevation (feet)	Depth to Water (feet)	Measured SPH Thickness (feet)	Calc. GW Elev. (feet)	GRO (µg/L)	DRO (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE (µg/L)	TBA (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	Ethanol (µg/L)	1,2-DCA (µg/L)	EDB (µg/L)	Stoddard Solvent (µg/L)	D.O. (mg/L)	Comments
MW-1	04/01/92		98.90	55.00	0.00	43.90	28,000	-	5,300	190	63	4,800	NA	-	-	-	-	-	-	-	-	-	
	12/01/92			55.10	0.00	43.80	2,500	-	920	<0.5	<0.5	340	NA	-	-	-	-	-	-	-	-	-	
	03/01/93			55.36	0.00	43.54	3,200	-	820	<0.5	<0.5	320	NA	-	-	-	-	-	-	-	-	-	
	06/01/93			55.31	0.00	43.59	8,700	-	660	<0.5	<0.5	230	NA	-	-	-	-	-	-	-	-	-	
	08/01/93			55.36	0.00	43.54	1,500	-	450	<0.5	<0.5	120	NA	-	-	-	-	-	-	-	-	-	
	11/01/93			55.06	0.00	43.84	640	-	270	2.8	<0.5	69	NA	-	-	-	-	-	-	-	-	-	
	03/01/94			55.08	0.00	43.82	340	-	84	<0.5	<0.5	8.5	NA	-	-	-	-	-	-	-	-	-	
	04/01/94			54.94	0.00	43.96	520	-	130	<0.5	<0.5	12	NA	-	-	-	-	-	-	-	-	-	
	08/01/94			54.91	0.00	43.99	170	-	47	<0.5	<0.5	3.0	NA	-	-	-	-	-	-	-	-	-	
	12/01/94			55.04	0.00	43.86	<50	-	7.7	<0.5	<0.5	<0.5	NA	-	-	-	-	-	-	-	-	-	
	03/01/95			54.21	0.00	44.69	<50	-	4.9	<0.5	<0.5	0.70	NA	-	-	-	-	-	-	-	-	-	
	05/01/95			54.81	0.00	44.09	<50	-	<0.5	<0.5	<0.5	<0.5	NA	-	-	-	-	-	-	-	-	-	
	08/01/95			54.05	0.00	44.85	<50	-	<0.5	<0.5	<0.5	<0.5	<2.5	-	-	-	-	-	-	-	-	-	
	11/01/95			54.59	0.00	44.31	<50	-	<0.5	<0.5	<0.5	<0.5	NA	-	-	-	-	-	-	-	-	-	
	03/30/96			54.36	0.00	44.54	<50	-	<0.50	<0.50	<0.50	<0.50	<2.5	-	-	-	-	-	-	-	-	-	
	06/25/96			54.59	0.00	44.31	<50	-	<0.50	<0.50	<0.50	<0.50	<2.5	-	-	-	-	-	-	-	-	-	
	09/27/96			54.22	0.00	44.68	<50	-	0.60	<0.50	<0.50	<0.50	<2.5	-	-	-	-	-	-	-	-	-	
	12/14/96			54.18	0.00	44.72	<50	-	0.66	<0.50	<0.50	<0.50	<2.5	-	-	-	-	-	-	-	-	-	
	05/05/97	NP		54.15	0.00	44.75	<50	-	<0.50	<0.50	<0.50	<0.50	<2.5	-	-	-	-	-	-	-	-	-	
	07/11/97	NP		54.07	0.00	44.83	<50	-	<0.50	<0.50	<0.50	<0.50	<3.0	-	-	-	-	-	-	-	-	-	
	09/18/97	NP		54.10	0.00	44.80	<50	-	<0.50	<0.50	<0.50	<0.50	<3.0	-	-	-	-	-	-	-	-	-	
	12/04/97	NP		54.05	0.00	44.85	<50	-	<0.50	<0.50	<0.50	<0.50	<3.0	-	-	-	-	-	-	-	-	-	
	03/11/98	NP		54.06	0.00	44.84	<50	-	<0.50	<0.50	<0.50	0.50	<3.0	-	-	-	-	-	-	-	-	-	
	06/29/98	NP		54.01	0.00	44.89	<50	-	<0.50	<0.50	<0.50	<0.50	<3.0	-	-	-	-	-	-	-	-	-	
	09/15/98	NP		53.91	0.00	44.99	<50	-	0.50	0.90	<0.50	1.4	<3.0	-	-	-	-	-	-	-	-	-	
	12/16/98	NP		53.86	0.00	45.04	<50	-	<0.50	<0.50	<0.50	<0.50	3.0	-	-	-	-	-	-	-	-	-	
	02/15/99	NP		53.82	0.00	45.08	<50	-	<0.50	<0.50	<0.50	<0.50	<3.0	-	-	-	-	-	-	-	-	-	
	05/17/99	NP		53.91	0.00	44.99	<50	-	<0.50	<0.50	<0.50	<0.50	990	-	-	-	-	-	-	-	-	-	
	08/09/99	NP		53.88	0.00	45.02	<50	-	<0.50	0.50	<0.50	<0.50	<3.0	-	-	-	-	-	-	-	-	-	
	12/02/99	NP		54.05	0.00	44.85	<50	-	<0.50	<0.50	<0.50	<0.50	<3.0	-	-	-	-	-	-	-	-	-	
	03/22/00	NP		54.11	0.00	44.79	<50	-	<0.50	1.7	<0.50	1.5	<3.0	-	-	-	-	-	-	-	-	-	
	04/28/00	NP		54.16	0.00	44.74	<50	z	<0.50	<0.50	<0.50	<1.0	<3.0	-	-	-	-	-	-	-	-	-	
	09/21/00	INA		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	11/02/00	NP	99.63	54.59	0.00	45.04	<50	-	<0.50	0.95	<0.50	<0.50	<5.0	-	-	-	-	-	-	-	-	-	
	02/13/01	NP		54.51	0.00	45.12	<50	-	<0.50	<0.50	<0.50	<0.50	<1.0	-	-	-	-	-	-	-	-	-	
	06/21/01	NP		54.49	0.00	45.14	<50	-	<0.50	<0.50	<0.50	<0.50	21	-	-	-	-	-	-	-	-	-	
	12/31/01	NP		54.70	0.00	44.93	<50	-	<0.50	<0.50	<0.50	<0.50	4.8	-	-	-	-	-	-	-	-	-	
	03/18/02	NS		54.72	0.00	44.91	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	06/27/02	NP		54.63	0.00	45.00	<50	-	<0.50	<0.50	<0.50	<0.50	16	-	-	-	-	-	-	-	-	2.0	
	09/25/02	NP		54.60	0.00	45.03	<50	-	0.65	3.1	<0.50	1.2	37	-	-	-	-	-	-	-	<48	1.8	
	12/13/02	NP		54.60	0.00	45.03	<50	-	<0.50	<0.50	<0.50	<0.50	6.8	-	-	-	-	-	-	-	<47	1.4	
	03/28/03	NP		54.62	0.00	45.01	<50	-	<0.50	<0.50	<0.50	<0.50	7.0	<20	<0.50	<0.50	<0.50	<100	<0.50	<0.50	-	2.2	
	03/31/03	NS		54.57	0.00	45.06	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<49	-	
	05/06/03			54.51	0.00	45.12	<50	-	<0.50	<0.50	<0.50	<0.50	6.5	<20	<0.50	<0.50	<0.50	<100	-	-	<47	0.7	
	07/22/03			54.60	0.00	45.03	<50	-	<0.50	<0.50	<0.50	<0.50	7.9	<20	<0.50	<0.50	<0.50	<100	<0.50	<0.50	<51	1.4	
	10/21/03	NP		54.68	0.00	44.95	<50	150	<0.50	3.4	<0.50	2.6	22	<20	<0.50	<0.50	<0.50	<100	-	-	62	1.6	

Table 8
Historical Groundwater Monitoring & Analytical Data
ARCO Service Station No. 465
151 Southgate Avenue, Daly City, California

Well No.	Date	Notes	TOC Elevation (feet)	Depth to Water (feet)	Measured SPH Thickness (feet)	Calc. GW Elev. (feet)	GRO (µg/L)	DRO (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE (µg/L)	TBA (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	Ethanol (µg/L)	1,2-DCA (µg/L)	EDB (µg/L)	Stoddard Solvent (µg/L)	D.O. (mg/L)	Comments
MW-1	02/03/04	NP	99.63	54.62	0.00	45.01	<50	-	<0.50	<0.50	<0.50	<0.50	8.1	<20	<0.50	<0.50	<0.50	<100	<0.50	<0.50	<49	2.0	
	04/14/04	NP		54.64	0.00	44.99	72 N	-	<2.5	<2.5	<2.5	<2.5	96	<100	<5.0	<5.0	<5.0	<500	<2.5	<2.5	<47	1.7	
	07/20/04	NP		54.56	0.00	45.07	70	-	<0.50	<0.50	<0.50	<0.50	56	<20	<0.50	<0.50	<0.50	120	<0.50	<0.50	<50	1.1	
	10/29/04	NP		54.39	0.00	45.24	<250	56	<2.5	16	<2.5	13	200	<100	<2.5	<2.5	<2.5	<500	<2.5	<2.5	<50	1.8	
	01/11/05	NP		54.36	0.00	45.27	<500	-	<5.0	<5.0	<5.0	<5.0	130	<200	<5.0	<5.0	<5.0	<1,000	<5.0	<5.0	<49	1.2	
	05/03/05	NP		54.40	0.00	45.23	<250	-	<2.5	<2.5	<2.5	<2.5	200	<100	<2.5	<2.5	<2.5	<500	<2.5	<2.5	<50	1.4	
	08/03/05	NP		54.14	0.00	45.49	1,100	-	6.9	7.9	22	110	270	<200	<5.0	<5.0	<5.0	<1,000	<5.0	<5.0	<50	3.3	
	10/28/05	NP		54.00	0.00	45.63	<500	-	<5.0	13	<5.0	29	310	<200	<5.0	<5.0	<5.0	<1,000	<5.0	<5.0	<49	0.9	
	01/11/06	NP		54.15	0.00	45.48	<250	-	<2.5	<2.5	<2.5	<2.5	250	<100	<2.5	<2.5	<2.5	<1,500	<2.5	<2.5	<48	1.2	
	04/17/06	NP		54.11	0.00	45.52	360	-	<0.50	<0.50	<0.50	<0.50	700	<20	<0.50	<0.50	<0.50	<300	<0.50	<0.50	<48	2.3	
	07/18/06	NP		53.92	0.00	45.71	570	-	<10	<10	<10	<10	780	<400	<10	<10	<10	<6,000	<10	<10	<47	1.5	
	11/13/06			53.86	0.00	45.77	480	-	<5.0	<5.0	<5.0	<5.0	890	<200	<5.0	<5.0	<5.0	<3,000	<5.0	<5.0	<48	-	
	01/12/07	NP		53.81	0.00	45.82	540	-	<5.0	<5.0	<5.0	<5.0	1,000	<200	<5.0	<5.0	<5.0	<3,000	<5.0	<5.0	<48	3.6	
	04/16/07	NP		53.84	0.00	45.79	570 N	-	<5.0	<5.0	<5.0	<5.0	800	<200	<5.0	<5.0	<5.0	<3,000	<5.0	<5.0	<49	1.4	Past hold time (SS)
	07/06/07	NP		54.04	0.00	45.59	380 N	-	<2.5	<2.5	<2.5	<2.5	510	<100	<2.5	<2.5	<2.5	<1,500	<2.5	<2.5	<47	2.1	
	10/04/07	NP		54.21	0.00	45.42	260 N	-	<2.5	<2.5	<2.5	<2.5	450	<100	<2.5	<2.5	<2.5	<1,500	<2.5	<2.5	<47	1.3	
	01/21/08	NP		54.33	0.00	45.30	<500	-	<5.0	<5.0	<5.0	<5.0	250	<200	<5.0	<5.0	<5.0	<3,000	<5.0	<5.0	<50	3.0	
	04/17/08	NP		54.50	0.00	45.13	<50	-	<0.50	<0.50	<0.50	<0.50	190	15	<0.50	<0.50	<0.50	<300	<0.50	<0.50	<50	2.1	
	07/10/08	NP		54.45	0.00	45.18	<50	-	<2.5	<2.5	<2.5	<2.5	95	<50	<2.5	<2.5	<2.5	<1,500	<2.5	<2.5	<50	2.3	
	10/16/08	NP	99.58	54.52	0.00	45.06	<50	-	<2.0	<2.0	<2.0	<2.0	80	<40	<2.0	<2.0	<2.0	<1,200	<2.0	<2.0	98 N	2.3	
	01/22/09	NP		54.54	0.00	45.04	<50	-	<2.0	<2.0	<2.0	3.5	40	<40	<2.0	<2.0	<2.0	<1,200	<2.0	<2.0	<50	2.9	
	04/22/09	NP		54.61	0.00	44.97	<50	-	<0.50	<0.50	<0.50	<0.50	18	<10	<0.50	<0.50	<0.50	<300	<0.50	<0.50	<50	1.0	
	07/27/09	NP		54.75	0.00	44.83	<50	-	<0.50	<0.50	<0.50	<0.50	15	<10	<0.50	<0.50	<0.50	<300	<0.50	<0.50	<50	3.5	
	10/30/09	NP		54.80	0.00	44.78	<50	-	<0.50	<0.50	<0.50	<0.50	8.7	<10	<0.50	<0.50	<0.50	<300	<0.50	<0.50	<50	1.5	
	04/23/10			54.89	0.00	44.69	<50	-	<0.50	<0.50	<0.50	0.92	5.4	<10	<0.50	<0.50	<0.50	<300	<0.50	<0.50	-	0.4	
	10/28/10	NP		54.72	0.00	44.86	<50	-	<0.50	<0.50	<0.50	<0.50	4.7	<10	<0.50	<0.50	<0.50	<300	<0.50	<0.50	<50	0.1	Grab sample
	04/11/11	NP		54.87	0.00	44.71	<50	-	<0.50	<0.50	<0.50	<0.50	2.1	<10	<0.50	<0.50	<0.50	<300	<0.50	<0.50	<50	0.5	
	10/24/11		99.28	54.49	0.00	44.79	<50	-	<0.50	<0.50	<0.50	<0.50	4.7	<10	<0.50	<0.50	<0.50	<300	<0.50	<0.50	<50	0.6	
	04/04/12	NP		54.45	0.00	44.83	<50	-	<0.50	<0.50	<0.50	<0.50	0.93	<10	<0.50	<0.50	<0.50	<300	<0.50	<0.50	<50	2.0	
	07/25/12	‡, NP		54.73	0.00	44.55	<50	-	<0.50	<0.50	<0.50	<1.0	1.2	<10	<0.50	<0.50	<0.50	<150	<0.50	<0.50	<47	0.6	Grab sample
	10/03/12	‡, NP		54.80	0.00	44.48	<50	-	<0.50	<0.50	<0.50	<1.0	4.8	<10	<0.50	<0.50	<0.50	<150	<0.50	<0.50	<48	0.4	
	01/14/13	‡, NP		55.00	0.00	44.28	<50	-	<0.50	<0.50	<0.50	<1.0	3.3	<10	<0.50	<0.50	<0.50	<150	<0.50	<0.50	<48	0.4	
	04/01/13	‡, NP		55.50	0.00	43.78	<50	-	<0.50	<0.50	<0.50	<1.0	3.5	<10	<0.50	<0.50	<0.50	-	<0.50	<0.50	<47	0.2	
	07/25/13	MD		55.57	0.00	43.71	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	07/26/13	‡, NP		-	-	-	<50	-	<0.50	<0.50	<0.50	<1.0	0.88	<10	<0.50	<0.50	<0.50	<150	<0.50	<0.50	<48	-	Grab sample
	10/29/13	‡		55.10	0.00	44.18	<50	-	<0.50	<0.50	<0.50	<1.0	1.8	<10	<0.50	<0.50	<0.50	<150	<0.50	<0.50	<48	0.6	
	01/21/14	MD		55.22	0.00	44.06	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.1	
	01/22/14	‡		-	-	-	<50	-	<0.50	<0.50	<0.50	<1.0	5.0	<10	<0.50	<0.50	<0.50	-	<0.50	<0.50	<48	-	
	02/09/15	MD		55.71	0.00	43.57	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1.9	
	02/12/15	NP		-	-	-	<50	-	<0.50	<0.50	<0.50	<1.0	2.7	<10	<0.50	<0.50	<0.50	-	<0.50	<0.50	<51	-	Grab sample
MW-1R	02/09/15	MD	98.90	55.00	0.00	43.90	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1.4	
	02/13/15			-	-	-	<50	-	<0.50	<0.50	<0.50	<1.0	<0.50	<10	<0.50	<0.50	<0.50	-	<0.50	<0.50	<51	-	
	09/14/15			55.10	0.00	43.80	<50	-	<0.50	<0.50	<0.50	<1.0	<0.50	<10	<0.50	<0.50	<0.50	<150	<0.50	<0.50	<47	0.5	
	02/08/16	MD		54.50	0.00	44.40	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4.5	
	02/10/16			-	-	-	<50	-	<0.50	<0.50	<0.50	<1.0	<0.50	<10	<0.50	<0.50	<0.50	-	<0.50	<0.50	<47	-	
MW-2	04/01/92		99.10	55.08	0.00	44.02	5,900	-	1,400	100	77	700	-	-	-	-	-	-	-	-	-	-	

Table 8
Historical Groundwater Monitoring & Analytical Data
ARCO Service Station No. 465
151 Southgate Avenue, Daly City, California

Well No.	Date	Notes	TOC Elevation (feet)	Depth to Water (feet)	Measured SPH Thickness (feet)	Calc. GW Elev. (feet)	GRO (µg/L)	DRO (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE (µg/L)	TBA (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	Ethanol (µg/L)	1,2-DCA (µg/L)	EDB (µg/L)	Stoddard Solvent (µg/L)	D.O. (mg/L)	Comments
MW-2	12/01/92		99.10	55.19	0.00	43.91	2,100	-	890	<0.5	<0.5	230	-	-	-	-	-	-	-	-	-	-	
	03/01/93			55.11	0.00	43.99	2,300	-	970	<0.5	<0.5	270	-	-	-	-	-	-	-	-	-	-	
	06/01/93			55.04	0.00	44.06	1,700	-	530	<0.5	<0.5	150	-	-	-	-	-	-	-	-	-	-	
	08/01/93			55.11	0.00	43.99	1,300	-	430	<0.5	<0.5	110	-	-	-	-	-	-	-	-	-	-	
	11/01/93			54.90	0.00	44.20	740	-	270	2.6	<0.5	83	-	-	-	-	-	-	-	-	-	-	
	03/01/94			54.81	0.00	44.29	580	-	98	1.2	<0.5	36	-	-	-	-	-	-	-	-	-	-	
	04/01/94			54.71	0.00	44.39	420	-	42	0.74	<0.5	24	-	-	-	-	-	-	-	-	-	-	
	08/01/94			54.63	0.00	44.47	120	-	5.4	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-	-	-	
	12/01/94			54.63	0.00	44.47	<50	-	3.2	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-	-	-	
	03/01/95			54.54	0.00	44.56	110	-	4.1	0.96	<0.5	5.6	-	-	-	-	-	-	-	-	-	-	
	05/01/95			54.58	0.00	44.52	<50	-	2.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-	-	-	
	08/01/95			54.76	0.00	44.34	<50	-	<0.5	<0.5	<0.5	<0.5	<2.5	-	-	-	-	-	-	-	-	-	
	11/01/95			54.35	0.00	44.75	<50	-	1.1	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-	-	-	
	03/30/96			54.11	0.00	44.99	<50	-	1.4	<0.50	<0.50	<0.50	<2.5	-	-	-	-	-	-	-	-	-	
	06/25/96			54.28	0.00	44.82	<50	-	3.1	<0.50	<0.50	<0.50	<2.5	-	-	-	-	-	-	-	-	-	
	09/27/96			54.01	0.00	45.09	<50	-	0.67	<0.50	<0.50	<0.50	<2.5	-	-	-	-	-	-	-	-	-	
	12/14/96			53.96	0.00	45.14	<50	-	0.61	<0.50	<0.50	<0.50	<2.5	-	-	-	-	-	-	-	-	-	
	05/05/97	NP		54.01	0.00	45.09	<50	-	0.94	<0.50	<0.50	<0.50	<2.5	-	-	-	-	-	-	-	-	-	
	07/11/97	NP		53.87	0.00	45.23	<50	-	<0.50	<0.50	<0.50	<0.50	<3.0	-	-	-	-	-	-	-	-	-	
	09/18/97	NP		53.83	0.00	45.27	<50	-	<0.50	<0.50	<0.50	<0.50	<3.0	-	-	-	-	-	-	-	-	-	
	12/04/97	NP		53.82	0.00	45.28	<50	-	<0.50	<0.50	<0.50	<0.50	<3.0	-	-	-	-	-	-	-	-	-	
	03/11/98	NP		53.83	0.00	45.27	<50	-	<0.50	<0.50	<0.50	<0.50	<3.0	-	-	-	-	-	-	-	-	-	
	06/29/98	NP		53.81	0.00	45.29	<50	-	<0.50	<0.50	<0.50	<0.50	<3.0	-	-	-	-	-	-	-	-	-	
	09/15/98	NP		53.68	0.00	45.42	<50	-	<0.50	<0.50	<0.50	<0.50	<3.0	-	-	-	-	-	-	-	-	-	
	12/16/98	NP		53.61	0.00	45.49	<50	-	<0.50	<0.50	<0.50	<0.50	<3.0	-	-	-	-	-	-	-	-	-	
	02/15/99	NP		53.60	0.00	45.50	<50	-	<0.50	<0.50	<0.50	<0.50	<3.0	-	-	-	-	-	-	-	-	-	
	05/17/99	NP		53.38	0.00	45.72	25,000	-	56	1,400	230	4,100	7,500	-	-	-	-	-	-	-	-	-	
	08/09/99	NP		53.67	0.00	45.43	55	-	<0.50	0.50	0.60	1.3	93	-	-	-	-	-	-	-	-	-	
	12/02/99	NP		53.79	0.00	45.31	<50	-	<0.50	<0.50	<0.50	<0.50	73	-	-	-	-	-	-	-	-	-	
	03/22/00	NP		53.89	0.00	45.21	<50	-	<0.50	1.3	<0.50	1.5	<3.0	-	-	-	-	-	-	-	-	-	
	04/28/00	NP		53.93	0.00	45.17	<50	-	<0.50	<0.50	<0.50	<1.0	<3.0	-	-	-	-	-	-	-	-	-	
	09/21/00	NP		53.90	0.00	45.20	<50 N	-	<0.50	1.1	<0.50	0.89	30	-	-	-	-	-	-	-	-	-	
	11/02/00	NP	99.62	54.56	0.00	45.06	217 N	-	1.8	16	1.5	13	290	-	-	-	-	-	-	-	-	-	
	02/13/01	NP		54.47	0.00	45.15	<50	-	<0.50	<0.50	<0.50	<0.50	1.9	-	-	-	-	-	-	-	-	-	
	06/21/01	NP		54.56	0.00	45.06	<50	-	<0.50	<0.50	<0.50	<0.50	4.8	-	-	-	-	-	-	-	-	-	
	12/31/01	NP		54.65	0.00	44.97	<50	-	<0.50	0.70	<0.50	1.1	450	-	-	-	-	-	-	-	-	-	
	03/18/02	NS		54.68	0.00	44.94	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	06/27/02	NP		54.60	0.00	45.02	<50	-	<0.50	<0.50	<0.50	<0.50	1.7	-	-	-	-	-	-	-	-	1.9	
	09/25/02	NP		54.58	0.00	45.04	<50	-	<0.50	<0.50	<0.50	<0.50	<0.50	-	-	-	-	-	-	-	<48	1.6	
	12/13/02	NP		54.55	0.00	45.07	<50	-	<0.50	<0.50	<0.50	<0.50	<0.50	-	-	-	-	-	-	-	<48	1.4	
	03/28/03	NP		54.56	0.00	45.06	350	-	2.5	51	1.2	100	2.9	<20	<0.50	<0.50	<0.50	<100	<0.50	<0.50	-	1.9	
	03/31/03	NS		54.54	0.00	45.08	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<47	-	
	05/06/03			54.47	0.00	45.15	<50	-	<0.50	1.9	<0.50	4.0	3.4	<20	<0.50	<0.50	<0.50	<100	-	-	<47	0.7	
	07/22/03			54.54	0.00	45.08	<50	-	<0.50	<0.50	<0.50	<0.50	2.0	<20	<0.50	<0.50	<0.50	<100	<0.50	<0.50	<52	1.3	
	10/21/03	NP		54.64	0.00	44.98	<50	<50	<0.50	<0.50	<0.50	<0.50	1.9	<20	<0.50	<0.50	<0.50	<100	-	-	<50	1.4	
	02/03/04	NP		54.56	0.00	45.06	3,500 N	-	6.4	370	35	1,100	200	<200	<5.0	<5.0	<5.0	<1,000	<5.0	<5.0	1,000	1.0	

Table 8
Historical Groundwater Monitoring & Analytical Data
ARCO Service Station No. 465
151 Southgate Avenue, Daly City, California

Well No.	Date	Notes	TOC Elevation (feet)	Depth to Water (feet)	Measured SPH Thickness (feet)	Calc. GW Elev. (feet)	GRO (µg/L)	DRO (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE (µg/L)	TBA (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	Ethanol (µg/L)	1,2-DCA (µg/L)	EDB (µg/L)	Stoddard Solvent (µg/L)	D.O. (mg/L)	Comments
MW-2	04/14/04	NP	99.62	54.59	0.00	45.03	76	-	<0.50	12	0.76	32	10	<20	<1.0	<1.0	<1.0	<100	<0.50	<0.50	<47	1.0	
	07/20/04	NP		54.50	0.00	45.12	<50	-	<0.50	<0.50	<0.50	<0.50	5.4	<20	<0.50	<0.50	<0.50	<100	<0.50	<0.50	<50	1.1	
	10/29/04	NP		54.41	0.00	45.21	<50	<50	<0.50	<0.50	<0.50	<0.50	8.7	<20	<0.50	<0.50	<0.50	<100	<0.50	<0.50	<50	3.7	
	01/11/05	NP		54.40	0.00	45.22	1,900	-	<5.0	220	31	610	16	<200	<5.0	<5.0	<5.0	<1,000	<5.0	<5.0	410	1.8	
	05/03/05	NP		54.25	0.00	45.37	250 N	-	<0.50	16	1.2	81	5.9	<20	<0.50	<0.50	<0.50	<100	<0.50	<0.50	50	1.3	
	08/03/05	NP		54.12	0.00	45.50	<50	-	<0.50	<0.50	0.76	3.7	17	<20	<0.50	<0.50	<0.50	<100	<0.50	<0.50	<50	1.1	
	10/28/05	NP		53.95	0.00	45.67	<50	-	<0.50	<0.50	<0.50	<0.50	35	<20	<0.50	<0.50	<0.50	<100	<0.50	<0.50	<47	1.3	
	01/11/06	NP		54.00	0.00	45.62	86 N	-	<0.50	0.79	<0.50	17	29	<20	<0.50	<0.50	<0.50	<300	<0.50	<0.50	84	1.0	
	04/17/06	NP		54.05	0.00	45.57	84	-	<0.50	1.4	<0.50	15	52	<20	<0.50	<0.50	<0.50	<300	<0.50	<0.50	<47	1.2	
	07/18/06	NP		53.88	0.00	45.74	73	-	<0.50	<0.50	<0.50	<0.50	77	<20	<0.50	<0.50	<0.50	<300	<0.50	<0.50	<47	1.5	
	11/13/06			53.81	0.00	45.81	54	-	<0.50	<0.50	<0.50	<0.50	130	<20	<0.50	<0.50	<0.50	<300	<0.50	<0.50	<50	-	
	01/12/07			53.80	0.00	45.82	79	-	<0.50	<0.50	<0.50	<0.50	150	<20	<0.50	<0.50	<0.50	<300	<0.50	<0.50	<49	0.7	
	04/16/07	NP		53.89	0.00	45.73	210 N	-	<2.5	<2.5	<2.5	<2.5	260	<100	<2.5	<2.5	<2.5	<1,500	<2.5	<2.5	<49	1.0	Past hold time (SS)
	07/06/07	NP		54.00	0.00	45.62	290 N	-	<1.0	<1.0	<1.0	<1.0	380	<40	<1.0	<1.0	<1.0	<600	<1.0	<1.0	<47	2.0	
	10/04/07	NP		54.16	0.00	45.46	260 N	-	<2.5	<2.5	<2.5	<2.5	470	<100	<2.5	<2.5	<2.5	<1,500	<2.5	<2.5	<47	1.6	
	01/21/08	NP		54.31	0.00	45.31	<250	-	<2.5	<2.5	<2.5	<2.5	370	<100	<2.5	<2.5	<2.5	<1,500	<2.5	<2.5	<47	2.5	
	04/17/08	NP		54.42	0.00	45.20	68	-	<0.50	<0.50	<0.50	27	480	44	<0.50	<0.50	<0.50	<300	<0.50	<0.50	60 N	3.1	
	07/10/08	NP		54.41	0.00	45.21	<50	-	<10	<10	<10	<10	670	<200	<10	<10	<10	<6,000	<10	<10	<50	1.4	
	10/16/08	NP		54.45	0.00	45.17	<50	-	<10	<10	<10	<10	680	<200	<10	<10	<10	<6,000	<10	<10	62 N	2.0	
	01/22/09	NP		54.50	0.00	45.12	<50	-	<10	<10	<10	<10	630	<200	<10	<10	<10	<6,000	<10	<10	<50	2.0	
	04/22/09	NP		54.48	0.00	45.14	110	-	<10	<10	<10	<10	450	<200	<10	<10	<10	<6,000	<10	<10	<50	1.0	
	07/27/09	NP		54.73	0.00	44.89	270 N	-	<10	<10	<10	<10	370	<200	<10	<10	<10	<6,000	<10	<10	<50	1.0	
	10/30/09	NP		55.90	0.00	43.72	73 N	-	<10	<10	<10	<10	460	<200	<10	<10	<10	<6,000	<10	<10	<50	1.4	
	04/23/10			54.85	0.00	44.77	<50	-	<10	<10	<10	<10	450	<200	<10	<10	<10	<6,000	<10	<10	-	0.1	
	10/28/10	NP		54.65	0.00	44.97	<50	-	<10	<10	<10	<10	340	<200	<10	<10	<10	<6,000	<10	<10	<50	0.1	Grab sample
	04/11/11	NP		54.72	0.00	44.90	<50	-	<4.0	<4.0	<4.0	<4.0	190	<80	<4.0	<4.0	<4.0	<2,400	<4.0	<4.0	<50	0.8	
	10/24/11	MD	99.38	54.44	0.00	44.94	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.8	
	10/25/11	NP		-	-	-	<50	-	<2.0	<2.0	<2.0	<2.0	100	<40	<2.0	<2.0	<2.0	<1,200	<2.0	<2.0	<50	-	
	04/04/12	MD		54.39	0.00	44.99	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.2	
	04/05/12	NP		-	-	-	<50	-	<0.50	<0.50	<0.50	<0.50	45	<10	<0.50	<0.50	<0.50	<300	<0.50	<0.50	<50	-	
	07/25/12	MD		54.64	0.00	44.74	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	07/26/12	‡, NP		-	-	-	<50	-	<0.50	<0.50	<0.50	<1.0	78	<10	<0.50	<0.50	<0.50	<150	<0.50	<0.50	<47	-	Grab sample
	10/03/12	‡, NP		54.71	0.00	44.67	<50	-	<0.50	<0.50	<0.50	<1.0	330	58	<0.50	<0.50	<0.50	<150	<0.50	<0.50	<48	0.7	
	01/14/13	‡, NP		54.80	0.00	44.58	<50	-	<0.50	<0.50	<0.50	<1.0	110	<10	<0.50	<0.50	<0.50	<150	<0.50	<0.50	<48	0.4	
	04/01/13	‡, NP		55.20	0.00	44.18	<50	-	<0.50	<0.50	<0.50	<1.0	32	<10	<0.50	<0.50	<0.50	-	<0.50	<0.50	<47	0.5	
	07/25/13	MD		55.38	0.00	44.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	07/26/13	‡, NP		-	-	-	<50	-	<0.50	<0.50	<0.50	<1.0	16	<10	<0.50	<0.50	<0.50	<150	<0.50	<0.50	<47	-	Grab sample
	10/29/13	‡		54.92	0.00	44.46	<50	-	<0.50	<0.50	<0.50	<1.0	24	<10	<0.50	<0.50	<0.50	<150	<0.50	<0.50	<48	0.9	
	01/21/14	MD		55.13	0.00	44.25	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.5	
	01/22/14	‡		-	-	-	<50	-	<0.50	<0.50	<0.50	<1.0	21	<10	<0.50	<0.50	<0.50	-	<0.50	<0.50	<47	-	
	02/12/15	NP		55.54	0.00	43.84	<50	-	<0.50	<0.50	<0.50	<1.0	3.8	<10	<0.50	<0.50	<0.50	-	<0.50	<0.50	<52	0.4	Grab sample
	02/08/16	MD		55.08	0.00	44.30	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1.9	
	02/10/16			-	-	-	<50	-	<0.50	<0.50	<0.50	<1.0	<0.50	<10	<0.50	<0.50	<0.50	-	<0.50	<0.50	<48	-	
MW-3D	04/01/92		101.45	185.60	0.00	-84.15	<50	-	0.51	0.65	<0.5	0.56	-	-	-	-	-	-	-	-	-	-	
	04/01/92	DUP		-	-	-	55	-	0.60	0.72	<0.5	<0.5	-	-	-	-	-	-	-	-	-	-	
	12/01/92			182.60	0.00	-81.15	190	-	11	3.0	<0.5	3.9	-	-	-	-	-	-	-	-	-	-	

Table 8
Historical Groundwater Monitoring & Analytical Data
ARCO Service Station No. 465
151 Southgate Avenue, Daly City, California

Well No.	Date	Notes	TOC Elevation (feet)	Depth to Water (feet)	Measured SPH Thickness (feet)	Calc. GW Elev. (feet)	GRO (µg/L)	DRO (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE (µg/L)	TBA (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	Ethanol (µg/L)	1,2-DCA (µg/L)	EDB (µg/L)	Stoddard Solvent (µg/L)	D.O. (mg/L)	Comments
MW-3D	01/01/93		101.45	182.78	0.00	-81.33	110	-	5.5	5.8	0.65	4.0	-	-	-	-	-	-	-	-	-	-	
	01/01/93	DUP		-	-	-	490	-	6.0	8.0	0.80	5.0	-	-	-	-	-	-	-	-	-	-	
	03/01/93			182.23	0.00	-80.78	52	-	2.6	2.3	<0.5	4.4	-	-	-	-	-	-	-	-	-	-	
	06/01/93			183.71	0.00	-82.26	<50	-	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-	-	-	
	08/01/93			184.09	0.00	-82.64	<50	-	1.8	1.4	<0.5	3.1	-	-	-	-	-	-	-	-	-	-	
	11/01/93			184.32	0.00	-82.87	<50	-	<0.3	<0.3	<0.5	<0.3	-	-	-	-	-	-	-	-	-	-	
	03/01/94			183.31	0.00	-81.86	<50	-	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-	-	-	
	04/01/94			183.70	0.00	-82.25	<50	-	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-	-	-	
	08/01/94			184.38	0.00	-82.93	<50	-	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-	-	-	
	12/01/94			183.83	0.00	-82.38	<50	-	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-	-	-	
	03/01/95			182.55	0.00	-81.10	<50	-	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-	-	-	
	05/01/95			182.41	0.00	-80.96	<50	-	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-	-	-	
	08/01/95			183.00	0.00	-81.55	<50	-	<0.5	<0.5	<0.5	<0.5	<2.5	-	-	-	-	-	-	-	-	-	
	11/01/95			182.46	0.00	-81.01	<50	-	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-	-	-	
	03/30/96			180.73	0.00	-79.28	<50	-	<0.50	<0.50	<0.50	<0.50	<2.5	-	-	-	-	-	-	-	-	-	
	06/25/96			180.38	0.00	-78.93	<50	-	<0.50	<0.50	<0.50	<0.50	<2.5	-	-	-	-	-	-	-	-	-	
	09/27/96			181.81	0.00	-80.36	<50	-	<0.50	<0.50	<0.50	<0.50	<2.5	-	-	-	-	-	-	-	-	-	
	12/14/96			181.48	0.00	-80.03	<50	-	<0.50	<0.50	<0.50	<0.50	<2.5	-	-	-	-	-	-	-	-	-	
	05/05/97			181.58	0.00	-80.13	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	07/11/97			182.10	0.00	-80.65	<50	-	<0.50	<0.50	<0.50	<0.50	<3.0	-	-	-	-	-	-	-	-	-	
	09/18/97			182.48	0.00	-81.03	<50	-	<0.50	<0.50	<0.50	<0.50	<3.0	-	-	-	-	-	-	-	-	-	
	12/04/97			181.82	0.00	-80.37	<50	-	<0.50	<0.50	<0.50	<0.50	<3.0	-	-	-	-	-	-	-	-	-	
	03/11/98			181.14	0.00	-79.69	<50	-	<0.50	<0.50	<0.50	<0.50	<3.0	-	-	-	-	-	-	-	-	-	
	06/29/98	NP		181.09	0.00	-79.64	<50	-	<0.50	<0.50	<0.50	<0.50	<3.0	-	-	-	-	-	-	-	-	-	
	09/15/98	NP		181.38	0.00	-79.93	<50	-	<0.50	<0.50	<0.50	<0.50	<3.0	-	-	-	-	-	-	-	-	-	
	12/16/98	NP		180.72	0.00	-79.27	<50	-	<0.50	<0.50	<0.50	<0.50	<3.0	-	-	-	-	-	-	-	-	-	
	02/15/99	INA		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	05/17/99	NP		180.02	0.00	-78.57	<50	-	<0.50	<0.50	<0.50	<0.50	5.0	-	-	-	-	-	-	-	-	-	
	08/09/99	NP		180.75	0.00	-79.30	<50	-	<0.50	<0.50	<0.50	<0.50	<3.0	-	-	-	-	-	-	-	-	-	
	12/02/99			180.36	0.00	-78.91	<50	-	<0.50	<0.50	<0.50	<0.50	<3.0	-	-	-	-	-	-	-	-	-	
	03/22/00	INA		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	04/28/00			179.52	0.00	-78.07	<50	-	<0.50	0.70	<0.50	<1.0	<3.0	-	-	-	-	-	-	-	-	-	
	09/21/00			179.98	0.00	-78.53	<50 N	-	<0.50	<0.50	<0.50	<0.50	<5.0	-	-	-	-	-	-	-	-	-	
	11/02/00			180.10	0.00	-78.65	<50 N	-	<0.50	<0.50	<0.50	<0.50	<5.0	-	-	-	-	-	-	-	-	-	
	02/13/01			178.35	0.00	-76.90	<50	-	<0.50	<0.50	<0.50	<0.50	<1.0	-	-	-	-	-	-	-	-	-	
	06/21/01			179.43	0.00	-77.98	<50	-	<0.50	<0.50	<0.50	<0.50	<2.0	-	-	-	-	-	-	-	-	-	
	12/31/01			179.05	0.00	-77.60	<50	-	<0.50	<0.50	<0.50	<0.50	<1.0	-	-	-	-	-	-	-	-	-	
	03/18/02	INA		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	06/27/02	DRY		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	09/25/02	DRY		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	12/13/02	DRY		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	03/28/03	INA		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	03/31/03	INA		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	05/06/03			174.96	0.00	-73.51	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	05/23/03			173.93	0.00	-72.48	<50	-	<0.50	<0.50	<0.50	<0.50	<0.50	20	<0.50	<0.50	<0.50	<100	-	-	<50	1.7	
	07/22/03			174.00	0.00	-72.55	<50	-	<0.50	<0.50	<0.50	<0.50	<0.50	<20	<0.50	<0.50	<0.50	<100	<0.50	<0.50	<52	1.7	

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151 Southgate Avenue, Daly City, California

Well No.	Date	Notes	TOC Elevation (feet)	Depth to Water (feet)	Measured SPH Thickness (feet)	Calc. GW Elev. (feet)	GRO (µg/L)	DRO (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE (µg/L)	TBA (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	Ethanol (µg/L)	1,2-DCA (µg/L)	EDB (µg/L)	Stoddard Solvent (µg/L)	D.O. (mg/L)	Comments
MW-3D	10/21/03		101.45	173.27	0.00	-71.82	<50	120	<0.50	<0.50	<0.50	<0.50	<0.50	<20	<0.50	<0.50	<0.50	<100	-	-	<48	1.7	
	02/03/04	INA		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	04/14/04			170.90	0.00	-69.45	<50	-	<0.50	<0.50	<0.50	<0.50	<0.50	<20	<1.0	<1.0	<1.0	<100	<0.50	<0.50	<47	1.5	
	07/20/04			170.85	0.00	-69.40	<50	-	<0.50	<0.50	<0.50	<0.50	<0.50	<20	<0.50	<0.50	<0.50	<100	<0.50	<0.50	<48	0.8	
	10/29/04			168.51	0.00	-67.06	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<20	<0.50	<0.50	<0.50	<100	<0.50	<0.50	<50	3.0	
	01/11/05			166.20	0.00	-64.75	<50	-	<0.50	<0.50	<0.50	<0.50	<0.50	<20	<0.50	<0.50	<0.50	<100	<0.50	<0.50	<48	1.2	
	05/03/05	INA		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	08/03/05	INA		161.90	0.00	-60.45	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	10/28/05			160.15	0.00	-58.70	<250	-	<2.5	<2.5	<2.5	<2.5	220	<100	<2.5	<2.5	4.6	<500	<2.5	<2.5	<48	1.2	
	12/20/05			159.28	0.00	-57.83	<50	-	<0.50	<0.50	<0.50	<0.50	<0.50	<20	<0.50	<0.50	<0.50	<100	<0.50	<0.50	-	1.6	
	01/11/06	NSP		158.74	0.00	-57.29	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	04/17/06	NSP		157.12	0.00	-55.67	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	07/18/06			155.57	0.00	-54.12	<50	-	<0.50	<0.50	<0.50	<0.50	<0.50	<20	<0.50	<0.50	<0.50	<300	<0.50	<0.50	<47	1.4	
	11/13/06	NSP		154.44	0.00	-52.99	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	01/12/07	NSP		153.06	0.00	-51.61	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	04/16/07	NSP		151.73	0.00	-50.28	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	07/06/07			154.08	0.00	-52.63	<50	-	<0.50	<0.50	<0.50	<0.50	<0.50	<20	<0.50	<0.50	<0.50	<300	<0.50	<0.50	<47	2.2	
	10/04/07	NSP		154.91	0.00	-53.46	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	01/21/08	NSP		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	Vehicle parked over
	04/17/08	NSP		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	Vehicle parked over
	07/10/08	NSP		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	Gauging overlooked
	10/16/08		101.78	159.40	0.00	-57.62	<50	-	<0.50	1.1	<0.50	<0.50	<0.50	<10	<0.50	<0.50	<0.50	<300	<0.50	<0.50	60 N	4.9	Anomalous data
	11/03/08			157.93	0.00	-56.15	<50	-	<0.50	<.50	<0.50	<0.50	<0.50	<10	<0.50	<0.50	<0.50	<300	<0.50	<0.50	<50	14.9	Resample
	01/22/09	NSP		159.43	0.00	-57.65	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	04/22/09	NSP		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	Well not gauged
	07/27/09	NSP		155.97	0.00	-54.19	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	10/30/09			154.15	0.00	-52.37	<50	-	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<0.50	<0.50	<0.50	<300	<0.50	<0.50	<50	1.1	
	04/23/10	NSP		155.30	0.00	-53.52	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	10/28/10			151.40	0.00	-49.62	<50	-	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<0.50	<0.50	<0.50	<300	<0.50	<0.50	<50	0.4	
	04/11/11	NSP		149.67	0.00	-47.89	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	10/24/11	MD	102.49	153.46	0.00	-50.97	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1.4	
	10/25/11			-	-	-	<50	-	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<0.50	<0.50	<0.50	<300	<0.50	<0.50	<50	-	
	04/04/12	NSP		154.17	0.00	-51.68	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	07/25/12	NSP		155.48	0.00	-52.99	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	10/03/12	MD		155.80	0.00	-53.31	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	10/04/12	‡		-	-	-	<50	-	<0.50	<0.50	<0.50	<1.0	<0.50	<10	<0.50	<0.50	<0.50	<150	<0.50	<0.50	<48	-	
	01/14/13	MD		155.93	0.00	-53.44	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	01/15/13	‡		-	-	-	<50	-	<0.50	<0.50	<0.50	<1.0	<0.50	<10	<0.50	<0.50	<0.50	<150	<0.50	<0.50	<48	-	
	04/01/13	‡		155.10	0.00	-52.61	<50	-	<0.50	<0.50	<0.50	<1.0	3.7	<10	<0.50	<0.50	<0.50	-	<0.50	<0.50	76	-	
	04/24/13	‡		157.86	0.00	-55.37	<50	-	<0.50	<0.50	<0.50	<1.0	<0.50	<10	<0.50	<0.50	<0.50	<150	<0.50	<0.50	<51	-	
	07/25/13	MD		156.67	0.00	-54.18	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	07/26/13	‡		-	-	-	<50	-	<0.50	<0.50	<0.50	<1.0	<0.50	<10	<0.50	<0.50	<0.50	<150	<0.50	<0.50	<47	-	
	10/29/13	MD		157.38	0.00	-54.89	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	10/30/13	‡		-	-	-	<50	-	<0.50	<0.50	1.6	<1.0	<0.50	<10	<0.50	<0.50	<0.50	<150	<0.50	<0.50	74	-	
	12/04/13	‡		157.63	0.00	-55.14	<50	-	<0.50	<0.50	<0.50	<1.0	<0.50	<10	<0.50	<0.50	<0.50	-	<0.50	<0.50	<51	0.2	
	01/21/14	‡		156.76	0.00	-54.27	<50	-	<0.50	<0.50	<0.50	<1.0	0.54	640	<0.50	<0.50	<0.50	-	<0.50	<0.50	120	-	

Table 8
Historical Groundwater Monitoring & Analytical Data
ARCO Service Station No. 465
151 Southgate Avenue, Daly City, California

Well No.	Date	Notes	TOC Elevation (feet)	Depth to Water (feet)	Measured SPH Thickness (feet)	Calc. GW Elev. (feet)	GRO (µg/L)	DRO (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE (µg/L)	TBA (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	Ethanol (µg/L)	1,2-DCA (µg/L)	EDB (µg/L)	Stoddard Solvent (µg/L)	D.O. (mg/L)	Comments
MW-3D	02/04/14	‡	102.49	157.12	0.00	-54.63	<50	-	<0.50	<0.50	<0.50	<1.0	<0.50	37	<0.50	<0.50	<0.50	-	<0.50	<0.50	<47	-	
	02/09/15	MD		158.20	0.00	-55.71	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	02/10/15			-	-	-	<50	-	<0.50	<0.50	<0.50	<1.0	<0.50	36	<0.50	<0.50	<0.50	-	<0.50	<0.50	160	-	Stoddard Solvent data invalid
	06/16/15	MD		156.90	0.00	-54.41	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5.9	
	06/17/15			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<51	-	
	06/18/15	NP		-	-	-	<50	-	<0.50	<0.50	<0.50	<1.0	<0.50	<10	<0.50	<0.50	<0.50	<150	<0.50	<0.50	-	-	
	09/14/15	MD		156.98	0.00	-54.49	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	09/16/15			-	-	-	<50	-	<0.50	<0.50	<0.50	<1.0	<0.50	<10	<0.50	<0.50	<0.50	<150	<0.50	<0.50	<48	-	
	12/02/15	MD		156.98	0.00	-54.49	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	12/04/15			-	-	-	<50	-	<0.50	<0.50	<0.50	<1.0	<0.50	<10	<0.50	<0.50	<0.50	<150	<0.50	<0.50	<47	-	
	02/08/16	MD		155.98	0.00	-53.49	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	02/10/16			-	-	-	<50	-	<0.50	<0.50	<0.50	<1.0	<0.50	11	<0.50	<0.50	<0.50	-	<0.50	<0.50	<47	-	
MW-4	06/01/93		101.03	57.04	0.00	43.99	1,900	-	180	30	<0.5	230	-	-	-	-	-	-	-	-	-	-	
	08/01/93			57.01	0.00	44.02	690	-	260	<0.5	<0.5	13	-	-	-	-	-	-	-	-	-	-	
	11/01/93			56.91	0.00	44.12	<50	-	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-	-	-	
	03/01/94			56.80	0.00	44.23	<50	-	4.2	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-	-	-	
	04/01/94			56.73	0.00	44.30	<50	-	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-	-	-	
	08/01/94			56.67	0.00	44.36	<50	-	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-	-	-	
	12/01/94			57.95	0.00	43.08	<50	-	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-	-	-	
	03/01/95			56.59	0.00	44.44	<50	-	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-	-	-	
	05/01/95			56.58	0.00	44.45	<50	-	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-	-	-	
	08/01/95			56.79	0.00	44.24	<50	-	<0.5	<0.5	<0.5	<0.5	<2.5	-	-	-	-	-	-	-	-	-	
	11/01/95			56.36	0.00	44.67	<50	-	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-	-	-	
	03/30/96			56.14	0.00	44.89	<50	-	<0.50	<0.50	<0.50	<0.50	<2.5	-	-	-	-	-	-	-	-	-	
	06/25/96			56.09	0.00	44.94	<50	-	<0.50	<0.50	<0.50	<0.50	<2.5	-	-	-	-	-	-	-	-	-	
	09/27/96			56.04	0.00	44.99	<50	-	<0.50	<0.50	<0.50	<0.50	<2.5	-	-	-	-	-	-	-	-	-	
	12/14/96			56.01	0.00	45.02	<50	-	<0.50	<0.50	<0.50	<0.50	<2.5	-	-	-	-	-	-	-	-	-	
	05/05/97	NP		55.85	0.00	45.18	<50	-	<0.50	<0.50	<0.50	<0.50	<2.5	-	-	-	-	-	-	-	-	-	
	07/11/97	NP		55.86	0.00	45.17	<50	-	<0.50	<0.50	<0.50	<0.50	<3.0	-	-	-	-	-	-	-	-	-	
	09/18/97	NP		55.84	0.00	45.19	<50	-	<0.50	<0.50	<0.50	<0.50	<3.0	-	-	-	-	-	-	-	-	-	
	12/04/97	NP		55.86	0.00	45.17	<50	-	<0.50	<0.50	<0.50	<0.50	<3.0	-	-	-	-	-	-	-	-	-	
	03/11/98	NP		55.82	0.00	45.21	<50	-	<0.50	<0.50	<0.50	<0.50	<3.0	-	-	-	-	-	-	-	-	-	
	06/29/98	NP		55.78	0.00	45.25	<50	-	<0.50	<0.50	<0.50	<0.50	<3.0	-	-	-	-	-	-	-	-	-	
	09/15/98	NP		55.64	0.00	45.39	<50	-	<0.50	<0.50	<0.50	<0.50	<3.0	-	-	-	-	-	-	-	-	-	
	12/16/98	NP		55.64	0.00	45.39	<50	-	<0.50	<0.50	<0.50	<0.50	<3.0	-	-	-	-	-	-	-	-	-	
	02/15/99	NP		55.62	0.00	45.41	<50	-	<0.50	<0.50	<0.50	<0.50	<3.0	-	-	-	-	-	-	-	-	-	
	05/17/99	NP		55.69	0.00	45.34	<50	-	<0.50	0.80	0.60	4.0	<3.0	-	-	-	-	-	-	-	-	-	
	08/09/99	NP		55.68	0.00	45.35	<50	-	0.60	<0.50	<0.50	<0.50	<3.0	-	-	-	-	-	-	-	-	-	
	12/02/99	NP		55.79	0.00	45.24	<50	-	5.7	<0.50	<0.50	<0.50	3.0	-	-	-	-	-	-	-	-	-	
	03/22/00	NP		55.88	0.00	45.15	95	-	15	2.7	0.80	2.6	18	-	-	-	-	-	-	-	-	-	
	04/28/00	NP		55.91	0.00	45.12	110	-	32	0.80	<0.50	<1.0	30	-	-	-	-	-	-	-	-	-	
	09/21/00	NP		56.03	0.00	45.00	195 N	-	80	1.3	<1.00	1.8	130	-	-	-	-	-	-	-	-	-	
	11/02/00	NP		56.07	0.00	44.96	184 N	-	83	1.3	<1.00	1.6	120	-	-	-	-	-	-	-	-	-	
	02/13/01	NP		56.00	0.00	45.03	150	-	47	<0.50	<0.50	1.6	270	-	-	-	-	-	-	-	-	-	
	06/21/01	NP		55.95	0.00	45.08	130	-	33	<0.50	<0.50	0.66	540	-	-	-	-	-	-	-	-	-	
	12/31/01	NP		56.13	0.00	44.90	150	-	13	<0.50	<0.50	0.81	1,600	-	-	-	-	-	-	-	-	-	

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ARCO Service Station No. 465
151 Southgate Avenue, Daly City, California

Well No.	Date	Notes	TOC Elevation (feet)	Depth to Water (feet)	Measured SPH Thickness (feet)	Calc. GW Elev. (feet)	GRO (µg/L)	DRO (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE (µg/L)	TBA (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	Ethanol (µg/L)	1,2-DCA (µg/L)	EDB (µg/L)	Stoddard Solvent (µg/L)	D.O. (mg/L)	Comments
MW-4	03/18/02	NS	101.03	56.17	0.00	44.86	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	06/27/02	NP		56.00	0.00	45.03	140	-	0.82	0.58	<0.50	<0.50	2,200	-	-	-	-	-	-	-	-	1.2	
	09/25/02	NP		56.05	0.00	44.98	2,600 N	-	20	<10	<10	19	4,400	-	-	-	-	-	-	-	<48	2.0	
	12/13/02			56.05	0.00	44.98	670	-	<2.5	<2.5	<2.5	<2.5	7,300	-	-	-	-	-	-	-	<50	1.0	
	03/28/03	NP		55.95	0.00	45.08	<50,000	-	<500	<500	<500	<500	13,000	<20,000	<500	<500	<500	<100,000	<500	<500	-	1.5	
	03/31/03	NS		56.03	0.00	45.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<50	-	
	05/06/03			56.10	0.00	44.93	<50,000	-	<500	<500	<500	<500	12,000	<20,000	<500	<500	<500	<100,000	-	-	49	1.3	
	07/22/03			55.99	0.00	45.04	35,000	-	<250	<250	<250	<250	20,000	<10,000	<250	<250	<250	<50,000	<250	<250	58	1.2	
	10/21/03	NP		56.12	0.00	44.91	32,000	84	<250	<250	<250	300	30,000	<10,000	<250	<250	<250	<50,000	-	-	<50	1.1	
	02/03/04	NP		56.08	0.00	44.95	41,000	-	<250	<250	<250	<250	23,000	<10,000	<250	<250	<250	<50,000	<250	<250	<49	1.0	
	04/14/04			56.04	0.00	44.99	5,800 N	-	<1,000	<1,000	<1,000	<1,000	23,000	<40,000	<2,000	<2,000	<2,000	<200,000	<1,000	<1,000	<47	1.2	
	07/20/04	NP		56.00	0.00	45.03	<50,000	-	<500	<500	<500	<500	12,000	21,000	<500	<500	<500	<100,000	<500	<500	<50	1.0	
	10/29/04	NP		55.80	0.00	45.23	<10,000	330	<100	<100	<100	<100	11,000	19,000	<100	<100	<100	<20,000	<100	<100	<50	3.7	
	01/11/05	NP		55.85	0.00	45.18	<25,000	-	<250	<250	<250	<250	8,100	21,000	<250	<250	<250	<50,000	<250	<250	<50	1.3	
	05/03/05	NP		55.84	0.00	45.19	11,000 N	-	<100	<100	<100	<100	11,000	28,000	<100	<100	<100	<20,000	<100	<100	64	1.5	
	08/03/05	NP		55.58	0.00	45.45	<10,000	-	<100	<100	<100	400	4,900	21,000	<100	<100	<100	<20,000	<100	<100	<50	2.9	
	10/28/05	NP		55.50	0.00	45.53	<5,000	-	<50	<50	<50	<50	950	11,000	<50	<50	<50	<10,000	<50	<50	<47	1.3	
	01/11/06	NP		55.43	0.00	45.60	<1,000	-	<10	<10	<10	<10	740	2,700	<10	<10	<10	<6,000	<10	<10	<48	0.8	
	04/17/06	NP		55.47	0.00	45.56	3,900	-	<25	<25	<25	<25	4,600	5,200	<25	<25	<25	<15,000	<25	<25	<49	1.9	
	07/18/06	NP		55.38	0.00	45.65	9,300	-	<100	<100	<100	<100	9,300	18,000	<100	<100	<100	<60,000	<100	<100	<47	0.9	
	11/13/06			55.32	0.00	45.71	450	-	<10	<10	<10	<10	620	2,300	<10	<10	<10	<6,000	<10	<10	<49	-	
	01/12/07			55.23	0.00	45.80	1,400	-	<10	<10	<10	<10	2,500	2,900	<10	<10	<10	<6,000	<10	<10	<49	1.1	
	04/16/07	NP		55.28	0.00	45.75	1,900 N	-	<10	<10	<10	<10	2,600	2,700	<10	<10	<10	<6,000	<10	<10	<51	1.5	Past hold time (SS)
	07/06/07	NP		55.44	0.00	45.59	6,600 N	-	<50	<50	<50	<50	9,800	8,900	<50	<50	<50	<30,000	<50	<50	<47	2.1	
	10/04/07	NP		55.66	0.00	45.37	9,800 N	-	<50	<50	<50	<50	16,000	22,000	<50	<50	<50	<30,000	<50	<50	<47	1.0	
	01/21/08	NP		55.81	0.00	45.22	<2,500	-	<25	<25	<25	<25	1,900	14,000	<25	<25	<25	<15,000	<25	<25	<48	2.8	
	04/17/08	NP		55.89	0.00	45.14	66	-	3.7	<0.50	<0.50	0.63	3,200	6,300	<0.50	<0.50	1.8	<300	<0.50	<0.50	54 N	2.1	
	07/10/08	NP		55.81	0.00	45.22	<50	-	<10	<10	<10	<10	510	1,900	<10	<10	<10	<6,000	<10	<10	100	4.3	
	10/16/08	NP	101.09	55.96	0.00	45.13	<50	-	<10	<10	<10	<10	390	<200	<10	<10	<10	<6,000	<10	<10	<50	3.4	
	01/22/09	NP		55.98	0.00	45.11	<50	-	<10	<10	<10	<10	470	<200	<10	<10	<10	<6,000	<10	<10	<50	3.7	
	04/22/09	NP		56.10	0.00	44.99	220	-	<10	<10	<10	<10	1,400	600	<10	<10	<10	<6,000	<10	<10	<50	0.5	
	07/27/09	NP		56.22	0.00	44.87	630 N	-	<25	<25	<25	<25	1,000	<500	<25	<25	<25	<15,000	<25	<25	<50	1.5	
	10/30/09	NP		56.30	0.00	44.79	140 N	-	<20	<20	<20	<20	1,200	<400	<20	<20	<20	<12,000	<20	<20	<50	1.5	
	04/23/10			56.32	0.00	44.77	<50	-	<20	<20	<20	<20	6,700	2,900	<20	<20	<20	<12,000	<20	<20	-	-	
	10/28/10	NP		56.17	0.00	44.92	85	-	<100	<100	<100	<100	13,000	19,000	<100	<100	<100	<60,000	<100	<100	<50	0.2	Grab sample
	04/11/11	NP		56.22	0.00	44.87	140 N	-	<200	<200	<200	<200	15,000	26,000	<200	<200	<200	<120,000	<200	<200	<50	0.2	
	10/24/11	MD	100.87	55.91	0.00	44.96	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.4	
	10/25/11	NP		-	-	-	<50	-	<5.0	<5.0	<5.0	<5.0	430	<100	<5.0	<5.0	<5.0	<3,000	<5.0	<5.0	<50	-	
	04/04/12	MD		55.89	0.00	44.98	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.2	
	04/05/12	NP		-	-	-	<50	-	<5.0	<5.0	<5.0	<5.0	270	<100	<5.0	<5.0	<5.0	<3,000	<5.0	<5.0	<50	-	
	07/25/12	‡, NP		56.11	0.00	44.76	<50	-	<0.50	<0.50	<0.50	<1.0	200	<10	<0.50	<0.50	<0.50	<150	<0.50	<0.50	<47	-	Grab sample
	10/03/12	‡, NP		56.17	0.00	44.70	<50	-	<0.50	<0.50	<0.50	<1.0	170	<10	<0.50	<0.50	<0.50	<150	<0.50	<0.50	<48	0.4	
	01/14/13	MD		56.30	0.00	44.57	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.6	
	01/15/13	‡, NP		-	-	-	<50	-	<0.50	<0.50	<0.50	<1.0	67	<10	<0.50	<0.50	<0.50	<150	<0.50	<0.50	<48	-	
	04/01/13	‡, NP		56.10	0.00	44.77	<50	-	<0.50	<0.50	<0.50	<1.0	28	<10	<0.50	<0.50	<0.50	-	<0.50	<0.50	<48	0.4	
	07/25/13	MD		56.01	0.00	44.86	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	

Table 8
Historical Groundwater Monitoring & Analytical Data
ARCO Service Station No. 465
151 Southgate Avenue, Daly City, California

Well No.	Date	Notes	TOC Elevation (feet)	Depth to Water (feet)	Measured SPH Thickness (feet)	Calc. GW Elev. (feet)	GRO (µg/L)	DRO (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE (µg/L)	TBA (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	Ethanol (µg/L)	1,2-DCA (µg/L)	EDB (µg/L)	Stoddard Solvent (µg/L)	D.O. (mg/L)	Comments
MW-4	07/26/13	‡	100.87	-	-	-	<50	-	<0.50	<0.50	<0.50	<1.0	40	<10	<0.50	<0.50	<0.50	<150	<0.50	<0.50	<47	-	
	10/29/13	MD		56.40	0.00	44.47	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.4	
	10/30/13	‡		-	-	-	<50	-	<0.50	<0.50	<0.50	<1.0	81	<10	<0.50	<0.50	<0.50	<150	<0.50	<0.50	<47	-	
	01/21/14	MD		56.51	0.00	44.36	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.3	
	01/22/14	‡		-	-	-	<50	-	<0.50	<0.50	<0.50	<1.0	45	<10	<0.50	<0.50	<0.50	-	<0.50	<0.50	<48	-	
	02/12/15	NP		57.01	0.00	43.86	<50	-	<0.50	<0.50	<0.50	<1.0	12	19	<0.50	<0.50	<0.50	-	<0.50	<0.50	<52	2.1	Grab sample
	09/14/15	MD		57.15	0.00	43.72	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.7	
	09/17/15			-	-	-	<50	-	<0.50	<0.50	<0.50	<1.0	230	11	<0.50	<0.50	<0.50	<150	<0.50	<0.50	<47	-	
	02/08/16	MD		56.63	0.00	44.24	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2.4	
	02/10/16			-	-	-	<50	-	<0.50	<0.50	<0.50	<1.0	190	<10	<0.50	<0.50	<0.50	-	<0.50	<0.50	<49	-	
MW-4D	02/12/15	MD	100.61	145.82	0.00	-45.21	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	02/13/15			-	-	-	<50	-	<0.50	<0.50	<0.50	<1.0	1.9	<10	<0.50	<0.50	<0.50	-	<0.50	<0.50	<51	-	
	06/16/15	MD		145.79	0.00	-45.18	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1.3	
	06/18/15			-	-	-	<50	-	<0.50	<0.50	<0.50	<1.0	1.2	<10	<0.50	<0.50	<0.50	<150	<0.50	<0.50	<51	-	
	09/14/15	MD		145.57	0.00	-44.96	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	09/17/15			-	-	-	<50	-	<0.50	<0.50	<0.50	<1.0	<0.50	<10	<0.50	<0.50	<0.50	<150	<0.50	<0.50	<47	-	
	12/02/15			145.57	0.00	-44.96	<50	-	<0.50	<0.50	<0.50	<1.0	<0.50	<10	<0.50	<0.50	<0.50	<150	<0.50	<0.50	<51	-	
	02/08/16	MD		145.38	0.00	-44.77	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	02/10/16			-	-	-	<50	-	<0.50	<0.50	<0.50	<1.0	<0.50	<10	<0.50	<0.50	<0.50	-	<0.50	<0.50	<47	-	
MW-5	12/31/01	DRY	104.37	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	03/18/02	DRY		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	06/27/02	NS		59.62	0.00	44.75	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	09/25/02	DRY		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	12/13/02	DRY		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	03/28/03	NS		59.63	0.00	44.74	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	03/31/03	DRY		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	05/06/03	NS		59.60	0.00	44.77	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	07/22/03	NS		59.56	0.00	44.81	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	10/21/03	NS		59.66	0.00	44.71	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	02/03/04	NS		59.62	0.00	44.75	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	04/14/04	NS		59.64	0.00	44.73	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	07/20/04	NS		59.68	0.00	44.69	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	10/29/04	NS		59.55	0.00	44.82	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	01/11/05	NS		59.67	0.00	44.70	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	05/03/05	DRY		59.58	0.00	44.79	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	08/03/05	DRY		59.60	0.00	44.77	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	10/28/05	DRY		59.57	0.00	44.80	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	01/11/06	DRY		59.62	0.00	44.75	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	04/17/06	DRY		59.19	0.00	45.18	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	07/18/06	DRY		58.77	0.00	45.60	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	11/13/06	DRY		58.75	0.00	45.62	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	01/12/07	DRY		58.71	0.00	45.66	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2.9	
	04/16/07			58.71	0.00	45.66	370,000 N	-	<1,000	4,600	<1,000	10,000	510,000	45,000	<1,000	<1,000	<1,000	<600,000	<1,000	<1,000	-	2.0	
	07/06/07			58.76	0.00	45.61	200,000	-	<2,500	<2,500	<2,500	3,200	270,000	<100,000	<2,500	<2,500	<2,500	<1,500,000	<2,500	<2,500	3,700 N	2.0	
	10/04/07	VOL		58.90	0.00	45.47	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	01/21/08	VOL		59.02	0.00	45.35	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	

Table 8
Historical Groundwater Monitoring & Analytical Data
ARCO Service Station No. 465
151 Southgate Avenue, Daly City, California

Well No.	Date	Notes	TOC Elevation (feet)	Depth to Water (feet)	Measured SPH Thickness (feet)	Calc. GW Elev. (feet)	GRO (µg/L)	DRO (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE (µg/L)	TBA (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	Ethanol (µg/L)	1,2-DCA (µg/L)	EDB (µg/L)	Stoddard Solvent (µg/L)	D.O. (mg/L)	Comments
MW-5	04/17/08	VOL	104.37	58.95	0.00	45.42	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	07/10/08			59.00	0.00	45.37	35,000	-	<1,000	<1,000	<1,000	14,000	440,000	110,000	<1,000	<1,000	<1,000	<600,000	<1,000	<1,000	-	3.5	
	10/16/08	VOL	103.59	59.40	0.00	44.19	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	01/22/09	DRY		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	04/22/09	VOL		59.38	0.00	44.21	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	DRY
	07/27/09	DRY		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	10/30/09	VOL		59.40	0.00	44.19	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	04/23/10			59.22	0.00	44.37	4,300	-	<10	35	16	350	55,000	89,000	<10	<10	35	<6,000	<10	<10	-	0.1	
	10/28/10	VOL		59.42	0.00	44.17	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	04/11/11	DRY		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	10/24/11	VOL	102.81	58.96	0.00	43.85	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.5	
	04/04/12	VOL		58.90	0.00	43.91	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	07/25/12	VOL		58.98	0.00	43.83	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	10/03/12	VOL		58.91	0.00	43.90	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.5	
	01/14/13	VOL		58.80	0.00	44.01	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.2	*
	04/01/13	OL		59.00	0.00	43.81	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	*
	07/25/13	VOL		58.77	0.00	44.04	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	Stagnant water
	10/29/13	VOL		58.57	0.00	44.24	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	Stagnant water
	01/21/14	VOL		58.48	0.00	44.33	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	07/01/14	MD		56.91	0.00	45.90	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.1	
	07/02/14	‡		-	-	-	<50	-	<0.50	0.75	0.55	<1.0	38	360	<0.50	<0.50	<0.50	-	<0.50	<0.50	<47	-	
	02/09/15			58.55	0.00	44.26	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	Stagnant water
	09/14/15	VOL		58.47	0.00	44.34	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	Stagnant water
	02/08/16	MD		58.48	0.00	44.33	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1.5	Grab sample
	02/10/16	NP		-	-	-	<50	-	<0.50	<0.50	<0.50	<1.0	2.5	<10	<0.50	<0.50	<0.50	-	<0.50	<0.50	-	-	
MW-5D	02/09/15	MD	104.20	149.13	0.00	-44.93	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	02/13/15			-	-	-	<50	-	<0.50	<0.50	<0.50	<1.0	<0.50	<10	<0.50	<0.50	<0.50	-	<0.50	<0.50	<51	-	
	06/16/15	MD		149.02	0.00	-44.82	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2.7	
	06/18/15			-	-	-	<50	-	<0.50	<0.50	<0.50	<1.0	<0.50	<10	<0.50	<0.50	<0.50	<150	<0.50	<0.50	<53	-	
	09/14/15	MD		148.80	0.00	-44.60	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	09/17/15			-	-	-	<50	-	<0.50	<0.50	<0.50	<1.0	<0.50	<10	<0.50	<0.50	<0.50	<150	<0.50	<0.50	<47	-	
	12/02/15			148.97	0.00	-44.77	<50	-	<0.50	<0.50	<0.50	<1.0	<0.50	<10	<0.50	<0.50	<0.50	<150	<0.50	<0.50	<50	-	
	02/08/16	MD		148.61	0.00	-44.41	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	02/10/16			-	-	-	<50	-	<0.50	<0.50	<0.50	<1.0	<0.50	<10	<0.50	<0.50	<0.50	-	<0.50	<0.50	<47	-	
MW-6	12/31/01		103.52	57.78	0.00	45.74	860	-	74	37	2.1	150	7,200	-	-	-	-	-	-	-	-	-	
	03/18/02			57.84	0.00	45.68	<500	-	<5.0	<5.0	<5.0	<5.0	3,900	-	-	-	-	-	-	-	-	-	
	06/27/02			57.70	0.00	45.82	160	-	4.6	2.1	1.4	3.4	2,700	-	-	-	-	-	-	-	-	2.2	
	09/25/02		103.52	57.75	0.00	45.77	620 N	-	<5.0	<5.0	<5.0	<5.0	4,000	-	-	-	-	-	-	-	95	1.4	
	12/13/02			57.73	0.00	45.79	5,400 N	-	1.6	1.6	<0.50	2.0	3,900	-	-	-	-	-	-	-	130	1.0	
	03/28/03			57.75	0.00	45.77	<50,000	-	<500	<500	<500	<500	14,000	<20,000	<500	<500	<500	<100,000	<500	<500	-	2.5	
	03/31/03	NS		57.69	0.00	45.83	-	-	-	-	-	-	-	-	-	-	-	-	-	-	130	-	
	05/06/03			57.72	0.00	45.80	<5,000	-	<50	<50	<50	<50	3,900	2,400	<500	<500	<500	<10,000	-	-	130	1.7	
	07/22/03			57.65	0.00	45.87	13,000 N	-	<50	<50	<50	<50	7,800	<2,000	<50	<50	<50	<10,000	<50	<50	230	2.2	
	10/21/03			57.80	0.00	45.72	3,900	850	<25	<25	<25	<25	4,200	<1,000	<25	<25	<25	<5,000	-	-	280	1.4	
	02/03/04			57.74	0.00	45.78	11,000	-	<50	<50	<50	<50	6,800	<2,000	<50	<50	<50	<10,000	<50	<50	300	2.0	
	04/14/04			57.73	0.00	45.79	2,700	-	<250	<250	<250	<250	9,200	<10,000	<500	<500	<500	<50,000	<250	<250	240	2.3	

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ARCO Service Station No. 465
151 Southgate Avenue, Daly City, California

Well No.	Date	Notes	TOC Elevation (feet)	Depth to Water (feet)	Measured SPH Thickness (feet)	Calc. GW Elev. (feet)	GRO (µg/L)	DRO (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE (µg/L)	TBA (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	Ethanol (µg/L)	1,2-DCA (µg/L)	EDB (µg/L)	Stoddard Solvent (µg/L)	D.O. (mg/L)	Comments
MW-6	07/20/04		103.52	57.60	0.00	45.92	<50,000	-	<500	<500	<500	<500	12,000	<20,000	<500	<500	<500	<100,000	<500	<500	340	2.0	
	10/29/04			57.99	0.00	45.53	<25,000	1,100	<250	<250	<250	<250	16,000	<10,000	<250	<250	<250	<50,000	<250	<250	740	5.5	
	01/11/05			57.55	0.00	45.97	<25,000	-	<250	<250	<250	<250	13,000	<10,000	<250	<250	<250	<50,000	<250	<250	240	1.7	
	05/03/05			57.45	0.00	46.07	13,000 N	-	<100	<100	<100	<100	14,000	12,000	<100	<100	<100	<20,000	<100	<100	830	1.8	
	08/03/05			57.24	0.00	46.28	<10,000	-	300	<100	110	330	13,000	18,000	<100	<100	<100	<20,000	<100	<100	<50	1.1	
	10/28/05			57.20	0.00	46.32	<10,000	-	<100	<100	<100	<100	11,000	26,000	<100	<100	<100	<20,000	<100	<100	<48	1.3	
	01/11/06			57.23	0.00	46.29	<10,000	-	<100	<100	<100	<100	8,300	23,000	<100	<100	<100	<60,000	<100	<100	210	0.9	
	04/17/06			57.29	0.00	46.23	<10,000	-	<100	<100	<100	<100	7,500	21,000	<100	<100	<100	<60,000	<100	<100	410	1.9	
	07/18/06			57.02	0.00	46.50	8,700	-	<50	<50	<50	<50	9,400	19,000	<50	<50	<50	<30,000	<50	<50	170	2.4	
	11/13/06			57.00	0.00	46.52	3,600	-	<100	<100	<100	<100	9,300	25,000	<100	<100	<100	<60,000	<100	<100	<47	1.8	
	01/12/07			56.94	0.00	46.58	5,200	-	<50	<50	<50	<50	9,000	30,000	<50	<50	<50	<30,000	<50	<50	120	1.9	
	04/16/07			57.05	0.00	46.47	8,900 N	-	<50	<50	<50	<50	10,000	35,000	<50	<50	<50	<30,000	<50	<50	<47	0.7	
	07/06/07			57.15	0.00	46.37	3,800 N	-	<50	<50	<50	<50	5,500	32,000	<50	<50	<50	<30,000	<50	<50	250 N	1.9	
	10/04/07			57.35	0.00	46.17	8,100 N	-	<50	<50	<50	<50	12,000	39,000	<50	<50	<50	<30,000	<50	<50	88 N	0.4	
	01/21/08			57.48	0.00	46.04	6,400 N	-	<50	<50	<50	<50	11,000	38,000	<50	<50	<50	<30,000	<50	<50	570 N	2.6	
	04/17/08			57.60	0.00	45.92	99	-	<0.50	<0.50	<0.50	<0.50	12,000	21,000	<0.50	<0.50	6.7	<300	<0.50	<0.50	650 N	4.1	
	07/10/08			57.56	0.00	45.96	160	-	<200	<200	<200	<200	15,000	42,000	<200	<200	<200	<120,000	<200	<200	680	2.3	
	10/16/08		102.74	57.63	0.00	45.11	140	-	<200	<200	<200	<200	6,900	35,000	<200	<200	<200	<120,000	<200	<200	720 N	2.5	
	01/22/09			57.65	0.00	45.09	230	-	<200	<200	<200	<200	12,000	31,000	<200	<200	<200	<120,000	<200	<200	630 N	2.1	
	04/22/09			57.74	0.00	45.00	1,200	-	<200	<200	<200	<200	14,000	55,000	<200	<200	<200	<120,000	<200	<200	590 N	0.9	
	07/27/09			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	Not monitored
	10/30/09			57.60	0.00	45.14	1,100 N	-	<200	<200	<200	<200	12,000	54,000	<200	<200	<200	<120,000	<200	<200	170	1.4	
	05/27/10			57.99	0.00	44.75	210 N	-	<200	<200	<200	<200	27,000	76,000	<200	<200	<200	<120,000	<200	<200	530 N	0.5	
	10/28/10			57.84	0.00	44.90	220	-	<200	<200	<200	<200	6,300	46,000	<200	<200	<200	<120,000	<200	<200	730 N	0.1	
	04/11/11			57.89	0.00	44.85	200 N	-	<200	<200	<200	<200	3,900	46,000	<200	<200	<200	<120,000	<200	<200	610 N	0.1	
	10/24/11	MD	102.33	57.60	0.00	44.73	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.6	
	10/25/11			-	-	-	320 N	-	<200	<200	<200	<200	7,100	50,000	<200	<200	<200	<120,000	<200	<200	620 N	-	
	04/04/12	MD		57.56	0.00	44.77	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.4	
	04/05/12			-	-	-	93 N	-	<200	<200	<200	<200	2,600	59,000	<200	<200	<200	<120,000	<200	<200	610	-	
	07/25/12	MD		57.78	0.00	44.55	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.1	
	07/26/12	‡		-	-	-	120	-	<20	<20	<20	<40	6,800	67,000	<20	<20	<20	<6,000	<20	<20	630	-	
	10/03/12	‡		57.77	0.00	44.56	<5,000	-	<50	<50	<50	<100	28,000	130,000	<50	<50	<50	<15,000	<50	<50	640	0.4	
	01/14/13	MD		58.00	0.00	44.33	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.1	
	01/15/13	‡		-	-	-	<250	-	<10	<10	<10	<20	6,400	40,000	<10	<10	<10	<3,000	<10	<10	870	-	
	04/01/13	MD		57.67	0.00	44.66	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.3	
	04/02/13	‡		-	-	-	<500	-	<20	<20	<20	<40	8,200	31,000	<20	<20	<20	-	<20	<20	480	-	
	07/25/13	MD		57.52	0.00	44.81	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	07/26/13	‡		-	-	-	<500	-	<10	<10	<10	<20	2,200	23,000	<10	<10	<10	<3,000	<10	<10	260	-	
	10/29/13	MD		58.00	0.00	44.33	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.2	
	10/30/13	‡		-	-	-	<500	-	<5.0	<5.0	<5.0	<10	3,000	25,000	<5.0	<5.0	<5.0	<1,500	<5.0	<5.0	360	-	
	01/21/14	MD		58.18	0.00	44.15	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.1	
	01/22/14	‡		-	-	-	<50	-	<10	<10	<10	<20	4,700	28,000	<10	<10	<10	-	<10	<10	53	-	
	07/01/14	MD		58.04	0.00	44.29	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.1	
	07/02/14	‡		-	-	-	<100	-	<10	<10	<10	<20	1,200	11,000	<10	<10	<10	-	<10	<10	<47	-	
	02/09/15	MD		58.68	0.00	43.65	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.1	
	02/12/15	NP		-	-	-	<50	-	<2.5	<2.5	<2.5	<5.0	270	8,500	<2.5	<2.5	<2.5	-	<2.5	<2.5	62	-	Grab sample

Table 8
Historical Groundwater Monitoring & Analytical Data
ARCO Service Station No. 465
151 Southgate Avenue, Daly City, California

Well No.	Date	Notes	TOC Elevation (feet)	Depth to Water (feet)	Measured SPH Thickness (feet)	Calc. GW Elev. (feet)	GRO (µg/L)	DRO (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE (µg/L)	TBA (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	Ethanol (µg/L)	1,2-DCA (µg/L)	EDB (µg/L)	Stoddard Solvent (µg/L)	D.O. (mg/L)	Comments
MW-6	09/14/15	NP	102.33	58.77	0.00	43.56	<50	-	<0.50	<0.50	<0.50	<1.0	18	5,500	<0.50	<0.50	<0.50	<150	<0.50	<0.50	<47	2.3	Grab sample
	02/08/16	MD		58.23	0.00	44.10	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.6	Grab sample
	02/10/16	NP		-	-	-	<50	-	<5.0	<5.0	<5.0	<10	820	4,600	<5.0	<5.0	<5.0	-	<5.0	<5.0	<51	-	
MW-6D	02/09/15	MD	104.52	148.95	0.00	-44.43	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	02/10/15			-	-	-	<50	-	<0.50	<0.50	<0.50	<1.0	<0.50	<10	<0.50	<0.50	<0.50	-	<0.50	<0.50	1,100	-	Stoddard Solvent data invalid
	06/16/15	MD		148.82	0.00	-44.30	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3.5	
	06/17/15			-	-	-	<50	-	<0.50	<0.50	<0.50	<1.0	<0.50	<10	<0.50	<0.50	<0.50	<150	<0.50	<0.50	<51	-	
	09/14/15	MD		148.66	0.00	-44.14	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	09/17/15			-	-	-	<50	-	<0.50	<0.50	<0.50	<1.0	<0.50	<10	<0.50	<0.50	<0.50	<150	<0.50	<0.50	<49	-	
	12/02/15	MD		148.78	0.00	-44.26	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	12/03/15			-	-	-	<50	-	<0.50	<0.50	<0.50	<1.0	<0.50	<10	<0.50	<0.50	<0.50	<150	<0.50	<0.50	<51	-	
	02/08/16	MD		148.51	0.00	-43.99	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	02/10/16			-	-	-	<50	-	<0.50	<0.50	<0.50	<1.0	<0.50	<10	<0.50	<0.50	<0.50	-	<0.50	<0.50	<47	-	
MW-7	10/16/08		98.28	53.12	0.00	45.16	<50	-	<0.50	<0.50	<0.50	<0.50	13	<10	<0.50	<0.50	<0.50	<300	<0.50	<0.50	<50	0.9	
	01/22/09			53.30	0.00	44.98	<50	-	<0.50	<0.50	<0.50	<0.50	9.4	<10	<0.50	<0.50	<0.50	<300	<0.50	<0.50	<50	0.9	
	04/22/09			53.24	0.00	45.04	<50	-	<0.50	<0.50	<0.50	<0.50	7.3	<10	<0.50	<0.50	<0.50	<300	<0.50	<0.50	<50	0.3	
	07/27/09			54.00	0.00	44.28	<50	-	<0.50	<0.50	<0.50	<0.50	10	<10	<0.50	<0.50	<0.50	<300	<0.50	<0.50	<50	1.4	
	10/30/09			53.50	0.00	44.78	<50	-	<0.50	<0.50	<0.50	<0.50	5.3	<10	<0.50	<0.50	<0.50	<300	<0.50	<0.50	<50	2.0	
	04/23/10			53.55	0.00	44.73	<50	-	<0.50	<0.50	<0.50	0.64	3.0	<10	<0.50	<0.50	<0.50	<300	<0.50	<0.50	-	0.3	
	10/28/10			53.31	0.00	44.97	<50	-	<0.50	<0.50	<0.50	<0.50	1.9	<10	<0.50	<0.50	<0.50	<300	<0.50	<0.50	<50	0.4	
	04/11/11			53.39	0.00	44.89	<50	-	<0.50	<0.50	<0.50	<0.50	0.60	<10	<0.50	<0.50	<0.50	<300	<0.50	<0.50	<50	2.6	
	10/24/11	MD	98.15	53.11	0.00	45.04	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1.1	
	10/25/11			-	-	-	<50	-	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<0.50	<0.50	<0.50	<300	<0.50	<0.50	<50	-	
	04/04/12	MD		53.07	0.00	45.08	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.4	
	04/05/12			-	-	-	<50	-	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<0.50	<0.50	<0.50	<300	<0.50	<0.50	<50	-	
	07/25/12	MD		53.28	0.00	44.87	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.2	
	07/26/12	‡		-	-	-	<50	-	<0.50	<0.50	<0.50	<1.0	0.90	<10	<0.50	<0.50	<0.50	<150	<0.50	<0.50	<47	-	
	10/03/12	‡		53.35	0.00	44.80	<50	-	<0.50	<0.50	<0.50	<1.0	<0.50	<10	<0.50	<0.50	<0.50	<150	<0.50	<0.50	<48	0.9	
	01/14/13	MD		53.50	0.00	44.65	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.2	
	01/15/13	‡		-	-	-	<50	-	<0.50	<0.50	<0.50	<1.0	0.62	<10	<0.50	<0.50	<0.50	<150	<0.50	<0.50	<47	-	
	04/01/13	MD		53.60	0.00	44.55	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.3	
	04/02/13	‡		-	-	-	<50	-	<0.50	<0.50	<0.50	<1.0	<0.50	<10	<0.50	<0.50	<0.50	-	<0.50	<0.50	<48	-	
	07/25/13	MD		54.58	0.00	43.57	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	07/26/13	‡		-	-	-	<50	-	<0.50	<0.50	<0.50	<1.0	<0.50	<10	<0.50	<0.50	<0.50	<150	<0.50	<0.50	<48	-	
	10/29/13	‡		53.61	0.00	44.54	<50	-	<0.50	<0.50	<0.50	<1.0	<0.50	<10	<0.50	<0.50	<0.50	<150	<0.50	<0.50	<47	1.0	
	01/21/14	MD		54.19	0.00	43.96	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.2	Grab sample
	01/22/14	‡, NP		-	-	-	<50	-	<0.50	<0.50	<0.50	<1.0	<0.50	<10	<0.50	<0.50	<0.50	-	<0.50	<0.50	<48	-	
	02/09/15	MD		54.20	0.00	43.95	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.4	
	02/10/15			-	-	-	<50	-	<0.50	<0.50	<0.50	<1.0	<0.50	<10	<0.50	<0.50	<0.50	-	<0.50	<0.50	520	-	Stoddard Solvent data invalid
	02/08/16	MD		53.76	0.00	44.39	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2.1	
	02/10/16			-	-	-	<50	-	<0.50	<0.50	<0.50	<1.0	<0.50	<10	<0.50	<0.50	<0.50	-	<0.50	<0.50	-	-	
MW-7D	02/09/15	MD	99.29	144.91	0.00	-45.62	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	02/13/15			-	-	-	<50	-	<0.50	<0.50	<0.50	<1.0	<0.50	<10	<0.50	<0.50	<0.50	-	<0.50	<0.50	<51	-	
	06/16/15	MD		144.75	0.00	-45.46	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2.9	
	06/16/15			-	-	-	<50	-	<0.50	<0.50	<0.50	<1.0	<0.50	<10	<0.50	<0.50	<0.50	<150	<0.50	<0.50	<51	-	
	09/14/15	MD		144.56	0.00	-45.27	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	

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151 Southgate Avenue, Daly City, California

Well No.	Date	Notes	TOC Elevation (feet)	Depth to Water (feet)	Measured SPH Thickness (feet)	Calc. GW Elev. (feet)	GRO (µg/L)	DRO (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE (µg/L)	TBA (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	Ethanol (µg/L)	1,2-DCA (µg/L)	EDB (µg/L)	Stoddard Solvent (µg/L)	D.O. (mg/L)	Comments
MW-7D	09/16/15		99.29	-	-	-	<50	-	<0.50	<0.50	<0.50	<1.0	<0.50	<10	<0.50	<0.50	<0.50	<150	<0.50	<0.50	<47	-	
	12/02/15	MD		144.71	0.00	-45.42	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	12/03/15			-	-	-	<50	-	<0.50	<0.50	<0.50	<1.0	<0.50	<10	<0.50	<0.50	<0.50	<150	<0.50	<0.50	<51	-	
	02/08/16	MD		144.45	0.00	-45.16	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	02/10/16			-	-	-	<50	-	<0.50	<0.50	<0.50	<1.0	<0.50	<10	<0.50	<0.50	<0.50	-	<0.50	<0.50	<49	-	
MW-8	10/16/08		97.64	52.45	0.00	45.19	<50	-	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<0.50	<0.50	<0.50	<300	<0.50	<0.50	<50	0.9	
	01/22/09			52.50	0.00	45.14	<50	-	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<0.50	<0.50	<0.50	<300	<0.50	<0.50	<50	0.9	
	04/22/09			52.53	0.00	45.11	<50	-	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<0.50	<0.50	<0.50	<300	<0.50	<0.50	<50	0.5	
	07/27/09			52.70	0.00	44.94	<50	-	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<0.50	<0.50	<0.50	<300	<0.50	<0.50	<50	2.0	
	10/30/09			52.73	0.00	44.91	<50	-	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<0.50	<0.50	<0.50	<300	<0.50	<0.50	<50	2.0	
	04/23/10			52.84	0.00	44.80	<50	-	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<0.50	<0.50	<0.50	<300	<0.50	<0.50	-	0.4	
	10/28/10			52.62	0.00	45.02	<50	-	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<0.50	<0.50	<0.50	<300	<0.50	<0.50	<50	0.1	
	04/11/11			52.70	0.00	44.94	69 N	-	<0.50	<0.50	<0.50	<0.50	0.51	<10	<0.50	<0.50	<0.50	<300	<0.50	<0.50	<50	0.7	
	10/24/11		97.48	52.40	0.00	45.08	<50	-	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<0.50	<0.50	<0.50	<300	<0.50	<0.50	<50	0.6	
	04/04/12			52.37	0.00	45.11	<50	-	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<0.50	<0.50	<0.50	<300	<0.50	<0.50	<50	0.9	
	07/25/12	‡		52.61	0.00	44.87	<50	-	<0.50	<0.50	<0.50	<1.0	<0.50	<10	<0.50	<0.50	<0.50	<150	<0.50	<0.50	<47	1.2	
	10/03/12	‡		52.63	0.00	44.85	<50	-	<0.50	<0.50	<0.50	<1.0	<0.50	<10	<0.50	<0.50	<0.50	<150	<0.50	<0.50	<48	0.4	
	01/14/13	‡		52.80	0.00	44.68	<50	-	<0.50	<0.50	<0.50	<1.0	<0.50	<10	<0.50	<0.50	<0.50	<150	<0.50	<0.50	<48	0.3	
	04/01/13	‡		53.50	0.00	43.98	<50	-	<0.50	<0.50	<0.50	<1.0	<0.50	<10	<0.50	<0.50	<0.50	-	<0.50	<0.50	<48	0.4	
	07/25/13	MD		53.24	0.00	44.24	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	07/26/13	‡, NP		-	-	-	<50	-	<0.50	<0.50	<0.50	<1.0	<0.50	<10	<0.50	<0.50	<0.50	<150	<0.50	<0.50	<48	-	Grab sample
	10/29/13	MD		52.95	0.00	44.53	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.9	
	10/30/13	‡		-	-	-	<50	-	<0.50	<0.50	<0.50	<1.0	<0.50	<10	<0.50	<0.50	<0.50	<150	<0.50	<0.50	<47	-	
	01/21/14	MD		53.18	0.00	44.30	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.3	
	01/22/14	‡		-	-	-	<50	-	<0.50	<0.50	<0.50	<1.0	<0.50	<10	<0.50	<0.50	<0.50	-	<0.50	<0.50	<47	-	
	02/09/15	MD		53.46	0.00	44.02	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1.5	
	02/12/15			-	-	-	<50	-	<0.50	<0.50	<0.50	<1.0	<0.50	<10	<0.50	<0.50	<0.50	-	<0.50	<0.50	<52	-	
	02/08/16	MD		53.03	0.00	44.45	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2.7	
	02/10/16			-	-	-	<50	-	<0.50	<0.50	<0.50	<1.0	<0.50	<10	<0.50	<0.50	<0.50	-	<0.50	<0.50	<47	-	
MW-9	10/16/08		95.42	55.63	0.00	39.79	<50	-	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<0.50	<0.50	<0.50	<300	<0.50	<0.50	<50	0.3	*** Invalid data see notes
	01/22/09			45.83	0.00	49.59	<50	-	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<0.50	<0.50	<0.50	<300	<0.50	<0.50	56	1.0	
	04/22/09			45.96	0.00	49.46	<50	-	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<0.50	<0.50	<0.50	<300	<0.50	<0.50	<50	0.7	
	07/27/09		95.42	46.20	0.00	49.22	<50	-	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<0.50	<0.50	<0.50	<300	<0.50	<0.50	<50	1.6	
	10/30/09			46.30	0.00	49.12	<50	-	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<0.50	<0.50	<0.50	<300	<0.50	<0.50	<50	1.9	
	04/23/10			46.48	0.00	48.94	<50	-	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<0.50	<0.50	<0.50	<300	<0.50	<0.50	-	0.4	
	10/28/10			46.68	0.00	48.74	<50	-	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<0.50	<0.50	<0.50	<300	<0.50	<0.50	61 N	0.1	
	04/11/11			46.90	0.00	48.52	<50	-	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<0.50	<0.50	<0.50	<300	<0.50	<0.50	<50	0.4	
	10/24/11		95.15	46.97	0.00	48.18	<50	-	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<0.50	<0.50	<0.50	<300	<0.50	<0.50	<50	0.5	
	04/04/12			46.96	0.00	48.19	<50	-	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<0.50	<0.50	<0.50	<300	<0.50	<0.50	<50	1.7	
	07/25/12	‡		47.11	0.00	48.04	<100	-	<0.50	<0.50	<0.50	<1.0	<0.50	<10	<0.50	<0.50	<0.50	<150	<0.50	<0.50	<47	-	
	10/03/12	‡		47.04	0.00	48.11	<50	-	<0.50	<0.50	<0.50	<1.0	<0.50	<10	<0.50	<0.50	<0.50	<150	<0.50	<0.50	<48	0.4	
	01/14/13	‡		47.20	0.00	47.95	<50	-	<0.50	<0.50	<0.50	<1.0	<0.50	<10	<0.50	<0.50	<0.50	<150	<0.50	<0.50	<47	0.3	
	04/01/13	‡		47.20	0.00	47.95	<50	-	<0.50	<0.50	<0.50	<1.0	<0.50	<10	<0.50	<0.50	<0.50	-	<0.50	<0.50	<48	0.4	
	07/25/13	INA		47.04	0.00	48.11	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	Car parked over well
	10/29/13	‡		47.26	0.00	47.89	<50	-	<0.50	<0.50	<0.50	<1.0	<0.50	<10	<0.50	<0.50	<0.50	<150	<0.50	<0.50	<47	0.8	
	01/21/14	‡		47.32	0.00	47.83	<50	-	<0.50	<0.50	<0.50	<1.0	<0.50	<10	<0.50	<0.50	<0.50	-	<0.50	<0.50	<47	0.4	

Table 8
Historical Groundwater Monitoring & Analytical Data
ARCO Service Station No. 465
151 Southgate Avenue, Daly City, California

Well No.	Date	Notes	TOC Elevation (feet)	Depth to Water (feet)	Measured SPH Thickness (feet)	Calc. GW Elev. (feet)	GRO (µg/L)	DRO (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE (µg/L)	TBA (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	Ethanol (µg/L)	1,2-DCA (µg/L)	EDB (µg/L)	Stoddard Solvent (µg/L)	D.O. (mg/L)	Comments
MW-9	02/09/15	MD	95.15	46.84	0.00	48.31	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.4	
	02/10/15			-	-	-	<50	-	<0.50	0.79	<0.50	2.1	<0.50	<10	<0.50	<0.50	<0.50	-	<0.50	<0.50	860	-	Stoddard Solvent data invalid
	02/08/16	MD		46.17	0.00	48.98	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2.4	
	02/10/16			-	-	-	<50	-	<0.50	<0.50	<0.50	<1.0	<0.50	<10	<0.50	<0.50	<0.50	-	<0.50	<0.50	<47	-	
MW-10	10/24/11	VOL	103.29	59.00	0.00	44.29	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	03/23/12	DRY		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	04/04/12	DRY		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	07/25/12	DRY		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	10/03/12	DRY		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	01/14/13	DRY		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	04/01/13	DRY		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	07/25/13	VOL		58.31	0.00	44.98	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	Stagnant water
	10/29/13	VOL		58.66	0.00	44.63	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	Stagnant water
	01/21/14	VOL		58.60	0.00	44.69	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	07/01/14	MD		57.68	0.00	45.61	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.1	
	07/02/14	‡		-	-	-	<1,000	-	<10	<10	<10	<20	11,000	13,000	<10	<10	<10	-	<10	<10	1,100	-	
	02/13/15			58.61	0.00	44.68	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	Stagnant water
	09/14/15	VOL		58.58	0.00	44.71	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	Stagnant water
	02/08/16	MD		58.60	0.00	44.69	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.9	Grab sample
	02/10/16	NP		-	-	-	<50	-	<0.50	<0.50	<0.50	<1.0	3.1	<10	<0.50	<0.50	<0.50	-	<0.50	<0.50	-	-	
MW-11	10/24/11	VOL	104.50	51.40	0.00	53.10	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	03/23/12	DRY		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	04/04/12	DRY		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	07/25/12	DRY		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	10/03/12	DRY		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	01/14/13	DRY		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	04/01/13	VOL		50.40	0.00	54.10	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	**
	07/25/13	DRY		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	10/29/13	DRY		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	01/21/14	DRY		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	07/01/14	DRY		-	-	-		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	02/09/15	DRY		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	09/14/15	DRY		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
MW-11R	02/08/16	VOL	104.89	64.65	0.00	40.24	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
MW-12	10/24/11	MD	100.15	56.31	0.00	43.84	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.8	
	10/25/11	NP		-	-	-	<50	-	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<0.50	<0.50	<0.50	<300	<0.50	<0.50	<50	-	
	03/23/12			56.00	0.00	44.15	<50	-	<0.50	<0.50	<0.50	<0.50	0.96	<10	<0.50	<0.50	<0.50	<300	<0.50	<0.50	<50	0.4	
	04/04/12			56.00	0.00	44.15	<50	-	<0.50	<0.50	<0.50	<0.50	0.67	<10	<0.50	<0.50	<0.50	<300	<0.50	<0.50	<50	0.9	
	07/25/12	‡		56.23	0.00	43.92	<50	-	<0.50	<0.50	<0.50	<1.0	<0.50	<10	<0.50	<0.50	<0.50	<150	<0.50	<0.50	<47	0.3	
	10/03/12	DRY		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	01/14/13	‡		56.40	0.00	43.75	<50	-	<0.50	<0.50	<0.50	<1.0	<0.50	<10	<0.50	<0.50	<0.50	<150	<0.50	<0.50	<47	0.2	
	04/01/13	VOL		57.00	0.00	43.15	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	*
	07/25/13	MD		56.47	0.00	43.68	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	07/26/13	‡, NP		-	-	-	<50	-	<0.50	<0.50	<0.50	<1.0	<0.50	<10	<0.50	<0.50	<0.50	<150	<0.50	<0.50	<47	-	Grab sample
	10/29/13	MD		56.63	0.00	43.52	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.5	
	10/30/13	‡		-	-	-	<50	-	<0.50	<0.50	<0.50	<1.0	<0.50	<10	<0.50	<0.50	<0.50	<150	<0.50	<0.50	<47	-	

Table 8
Historical Groundwater Monitoring & Analytical Data
ARCO Service Station No. 465
151 Southgate Avenue, Daly City, California

Well No.	Date	Notes	TOC Elevation (feet)	Depth to Water (feet)	Measured SPH Thickness (feet)	Calc. GW Elev. (feet)	GRO (µg/L)	DRO (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE (µg/L)	TBA (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	Ethanol (µg/L)	1,2-DCA (µg/L)	EDB (µg/L)	Stoddard Solvent (µg/L)	D.O. (mg/L)	Comments
MW-12	01/21/14	MD	100.15	56.69	0.00	43.46	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.2	Grab sample
	01/22/14	‡, NP		-	-	-	<50	-	<0.50	<0.50	<0.50	<1.0	<0.50	<10	<0.50	<0.50	<0.50	-	<0.50	<0.50	<47	-	
	07/01/14	VOL		57.33	0.00	42.82	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	Stagnant water
	02/09/15			57.42	0.00	42.73	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	Stagnant water
	09/14/15	VOL		57.40	0.00	42.75	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	Stagnant water
	02/08/16	VOL		57.21	0.00	42.94	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
MW-13	02/09/15		102.67	31.62	0.00	71.05	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	Stagnant water
	09/14/15	NSP	102.68	30.60	0.00	72.08	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3.7	
	02/08/16	DRY		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
MW-14	02/09/15	DRY	102.99	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	09/14/15	VOL		57.75	0.00	45.24	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	Stagnant water
	02/08/16	DRY		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
MW-15	02/09/15	DRY	105.23	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	09/14/15	DRY		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	02/08/16	DRY		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
MW-16	02/09/15	MD	106.79	59.43	0.00	47.36	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	02/13/15			-	-	-	<50	-	<0.50	<0.50	<0.50	<1.0	<0.50	11	<0.50	<0.50	<0.50	-	<0.50	<0.50	-	-	
	09/14/15	NP		61.00	0.00	45.79	<50	-	<0.50	<0.50	<0.50	<1.0	2.8	<10	<0.50	<0.50	<0.50	<150	<0.50	<0.50	<47	1.3	Grab sample
	02/08/16	VOL		61.67	0.00	45.12	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.9	
MW-17	02/09/15	MD	98.91	54.82	0.00	44.09	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4.2	
	02/12/15			-	-	-	<50	-	<0.50	<0.50	<0.50	<1.0	<0.50	<10	<0.50	<0.50	<0.50	-	<0.50	<0.50	<51	-	
	09/14/15	MD		54.92	0.00	43.99	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1.5	
	09/16/15			-	-	-	<50	-	<0.50	<0.50	<0.50	<1.0	<0.50	<10	<0.50	<0.50	<0.50	<150	<0.50	<0.50	<47	-	
	02/08/16	VOL		54.36	0.00	44.55	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
MW-18	12/02/15	MD	111.44	61.85	0.00	49.59	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1.7	Grab sample
	12/03/15			-	-	-	<50	-	<0.50	<0.50	<0.50	<1.0	<0.50	<10	<0.50	<0.50	<0.50	<150	<0.50	<0.50	120	-	
	02/08/16	MD		62.15	0.00	49.29	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.6	Grab sample
	02/11/16	NP		-	-	-	<50	-	<0.50	<0.50	<0.50	<1.0	<0.50	<10	<0.50	<0.50	<0.50	-	<0.50	<0.50	<50	-	
V-1	07/01/14	VOL	101.61	28.75	0.00	72.86	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	Stagnant water
	02/09/15	DRY		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	02/08/16	DRY		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
V-2	07/01/14	DRY	99.22	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	02/09/15	DRY		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	02/08/16	DRY		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
V-3	08/29/00	DEST	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	Destroyed 8/29/00
V-4	11/13/06		-	33.40	0.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	04/23/10		103.16	33.92	0.00	69.24	34,000	-	1,900	1,600	320	7,100	360,000	550,000	<200	<200	390	<120,000	<200	<200	-	0.1	
	01/14/13	INA	102.84	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	Obstruction @ 34 ft
	04/01/13	MD		26.70	0.00	76.14	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.1	
	04/02/13	‡		-	-	-	31,000	-	<50	52	<50	5,900	14,000	19,000	<50	<50	<50	-	<50	<50	12,000	-	
	07/25/13	MD		31.36	0.00	71.48	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	07/26/13	‡		-	-	-	4,400	-	<5.0	17	7.2	430	400	38,000	<5.0	<5.0	<5.0	<1,500	<5.0	<5.0	8,000	-	
	10/29/13	VOL		37.07	0.00	65.77	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	Stagnant water
	01/21/14	VOL		33.90	0.00	68.94	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	07/01/14	MD		31.05	0.00	71.79	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.1	
	07/02/14	‡		-	-	-	400	-	<5.0	<5.0	<5.0	<10	<5.0	7,900	<5.0	<5.0	<5.0	-	<5.0	<5.0	2,700	-	

Table 8
Historical Groundwater Monitoring & Analytical Data
ARCO Service Station No. 465
151 Southgate Avenue, Daly City, California

Well No.	Date	Notes	TOC Elevation (feet)	Depth to Water (feet)	Measured SPH Thickness (feet)	Calc. GW Elev. (feet)	GRO (µg/L)	DRO (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE (µg/L)	TBA (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	Ethanol (µg/L)	1,2-DCA (µg/L)	EDB (µg/L)	Stoddard Solvent (µg/L)	D.O. (mg/L)	Comments
V-4	02/09/15		102.84	34.00	0.00	68.84	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	Stagnant water
V-5	07/01/14	VOL	102.77	33.75	0.00	69.02	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	Stagnant water
	02/09/15			33.48	0.00	69.29	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	Stagnant water
	02/08/16	MD		33.31	0.00	69.46	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.8	Grab sample
	02/11/16	NP		-	-	-	82,000	-	<20	41	49	2,100	<20	<400	<20	<20	<20	-	<20	<20	-	-	
V-6	07/01/14	NS	102.18	56.58	0.00	45.60	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.1	Unable to get water out of well
	02/12/15	VOL		56.52	0.00	45.66	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.1	Insufficient volume
	02/08/16	MD		56.40	0.00	45.78	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	Grab sample
	02/11/16	NP		-	-	-	<50	-	<0.50	<0.50	<0.50	<1.0	0.56	<10	<0.50	<0.50	<0.50	-	<0.50	<0.50	-	-	
V-7	07/01/14	VOL	102.30	41.60	0.00	60.70	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	Stagnant water
	02/09/15			41.70	0.00	60.60	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	Stagnant water
	02/08/16	VOL		41.63	0.00	60.67	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
V-8	09/21/00	NP	-	56.00	0.00	-	77 N	-	0.62	0.93	<0.50	9.7	56	-	-	-	-	-	-	-	-	-	
	03/18/02	NP		56.66	0.00	-	<50	-	<0.50	<0.50	<0.50	<0.50	<0.50	-	-	-	-	-	-	-	-	-	
	06/27/02			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	05/06/03			56.42	0.00	-	<50	-	<0.50	<0.50	<0.50	<0.50	1.1	<20	<0.50	<0.50	<0.50	<100	-	-	<48	2.5	
	07/22/03			56.41	0.00	-	<50	-	<0.50	<0.50	<0.50	<0.50	<0.50	<20	<0.50	<0.50	<0.50	<100	<0.50	<0.50	<52	1.1	
	10/21/03			56.47	0.00	-	<50	110	<0.50	<0.50	<0.50	<0.50	0.50	<20	<0.50	<0.50	<0.50	<100	-	-	<50	1.7	
	02/03/04			56.40	0.00	-	<50	-	<0.50	<0.50	<0.50	<0.50	0.70	<20	<0.50	<0.50	<0.50	<100	<0.50	<0.50	<49	2.0	
	04/14/04			56.44	0.00	-	<50	-	<0.50	<0.50	<0.50	<0.50	1.3	<20	<1.0	<1.0	<1.0	<100	<0.50	<0.50	<47	2.4	
	07/20/04			56.30	0.00	-	<50	-	<0.50	<0.50	<0.50	<0.50	3.4	<20	<0.50	<0.50	<0.50	<100	<0.50	<0.50	<50	1.8	
	10/29/04			56.27	0.00	-	<50	100	<0.50	<0.50	<0.50	<0.50	24	<20	<0.50	<0.50	<0.50	<100	<0.50	<0.50	<48	4.4	
	01/11/05			56.25	0.00	-	<250	-	<2.5	<2.5	<2.5	<2.5	51	<100	<2.5	<2.5	<2.5	<500	<2.5	<2.5	<50	2.1	
	05/03/05			56.15	0.00	-	62	-	<0.50	<0.50	<0.50	<0.50	67	<20	<0.50	<0.50	<0.50	<100	<0.50	<0.50	<50	1.6	
	08/03/05			56.02	0.00	-	<2,500	-	<25	<25	<25	<25	90	<1,000	<25	<25	<25	<5,000	<25	<25	<50	1.8	
	10/28/05			55.85	0.00	-	<100	-	<1.0	<1.0	<1.0	<1.0	110	<40	<1.0	<1.0	<1.0	<200	<1.0	<1.0	<47	1.3	
	01/11/06			55.85	0.00	-	<250	-	<2.5	<2.5	<2.5	<2.5	230	<100	<2.5	<2.5	<2.5	<1,500	<2.5	<2.5	<48	1.8	
	04/17/06			54.83	0.00	-	<500	-	<5.0	<5.0	<5.0	<5.0	340	<200	<5.0	<5.0	<5.0	<3,000	<5.0	<5.0	<48	2.3	
	07/18/06			55.74	0.00	-	930	-	<10	<10	<10	<10	1,000	<400	<10	<10	<10	<6,000	<10	<10	<47	2.1	
	11/13/06			55.70	0.00	-	350	-	<5.0	<5.0	<5.0	<5.0	1,100	<200	<5.0	<5.0	<5.0	<3,000	<5.0	<5.0	<47	1.7	
	01/12/07			55.71	0.00	-	640	-	<5.0	<5.0	<5.0	<5.0	1,000	<200	<5.0	<5.0	<5.0	<3,000	<5.0	<5.0	<47	10.4	
	04/16/07			55.69	0.00	-	440 N	-	<5.0	<5.0	<5.0	<5.0	730	<200	<5.0	<5.0	<5.0	<3,000	<5.0	<5.0	<47	1.7	Past hold time (SS)
	07/06/07			55.85	0.00	-	690 N	-	<2.5	<2.5	<2.5	<2.5	930	<100	<2.5	<2.5	<2.5	<1,500	<2.5	<2.5	<47	3.3	
	10/04/07			56.03	0.00	-	350 N	-	<2.5	<2.5	<2.5	<2.5	610	<100	<2.5	<2.5	<2.5	<1,500	<2.5	<2.5	<47	1.5	
	01/21/08			56.16	0.00	-	<500	-	<5.0	<5.0	<5.0	<5.0	240	<200	<5.0	<5.0	<5.0	<3,000	<5.0	<5.0	<49	2.9	
	04/17/08			56.28	0.00	-	<50	-	<0.50	<0.50	<0.50	0.55	160	11	<0.50	<0.50	<0.50	<300	<0.50	<0.50	<50	3.3	
	07/10/08			56.28	0.00	-	<50	-	<2.5	<2.5	<2.5	<2.5	190	<50	<2.5	<2.5	<2.5	<1,500	<2.5	<2.5	63	1.9	
	10/16/08		101.34	56.30	0.00	45.04	<50	-	<5.0	<5.0	<5.0	<5.0	210	<100	<5.0	<5.0	<5.0	<3,000	<5.0	<5.0	<50	4.6	
	01/22/09			56.37	0.00	44.97	<50	-	<5.0	<5.0	<5.0	<5.0	120	<100	<5.0	<5.0	<5.0	<3,000	<5.0	<5.0	<50	2.0	
	04/22/09			56.44	0.00	44.90	<50	-	<1.0	<1.0	<1.0	<1.0	57	<20	<1.0	<1.0	<1.0	<600	<1.0	<1.0	<50	1.1	
	07/27/09			56.59	0.00	44.75	84 N	-	<1.0	<1.0	<1.0	<1.0	79	<20	<1.0	<1.0	<1.0	<600	<1.0	<1.0	<50	3.7	
	10/30/09			57.61	0.00	43.73	<50	-	<1.0	<1.0	<1.0	<1.0	48	<20	<1.0	<1.0	<1.0	<600	<1.0	<1.0	<50	2.2	
	04/23/10			56.68	0.00	44.66	<50	-	<0.50	<0.50	<0.50	<0.50	9.9	<10	<0.50	<0.50	<0.50	<300	<0.50	<0.50	-	0.2	
	10/28/10			56.52	0.00	44.82	<50	-	<0.50	<0.50	<0.50	<0.50	16	<10	<0.50	<0.50	<0.50	<300	<0.50	<0.50	<50	0.1	
	04/11/11			56.57	0.00	44.77	<50	-	<1.0	<1.0	<1.0	<1.0	6.4	<20	<1.0	<1.0	<1.0	<600	<1.0	<1.0	<50	0.1	

Table 8
Historical Groundwater Monitoring & Analytical Data
ARCO Service Station No. 465
151 Southgate Avenue, Daly City, California

Well No.	Date	Notes	TOC Elevation (feet)	Depth to Water (feet)	Measured SPH Thickness (feet)	Calc. GW Elev. (feet)	GRO (µg/L)	DRO (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE (µg/L)	TBA (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	Ethanol (µg/L)	1,2-DCA (µg/L)	EDB (µg/L)	Stoddard Solvent (µg/L)	D.O. (mg/L)	Comments
V-8	10/24/11		101.30	56.30	0.00	45.00	<50	-	<1.0	<1.0	<1.0	<1.0	5.6	<20	<1.0	<1.0	<1.0	<600	<1.0	<1.0	<50	0.7	
	04/04/12			56.25	0.00	45.05	<50	-	<0.50	<0.50	<0.50	<0.50	2.0	<10	<0.50	<0.50	<0.50	<300	<0.50	<0.50	<50	2.2	
	07/25/12	‡		56.50	0.00	44.80	<50	-	<0.50	<0.50	<0.50	<1.0	3.8	<10	<0.50	<0.50	<0.50	<150	<0.50	<0.50	<47	0.2	
	10/03/12	MD		56.59	0.00	44.71	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.7	
	10/04/12	‡		-	-	-	<50	-	<0.50	<0.50	<0.50	<1.0	24	<10	<0.50	<0.50	<0.50	<150	<0.50	<0.50	<48	-	
	01/14/13	‡		56.70	0.00	44.60	<50	-	<0.50	<0.50	<0.50	<1.0	21	<10	<0.50	<0.50	<0.50	<150	<0.50	<0.50	<48	0.6	
	04/01/13	MD		56.70	0.00	44.60	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.2	
	04/02/13	‡		-	-	-	<50	-	<0.50	<0.50	<0.50	<1.0	11	<10	<0.50	<0.50	<0.50	-	<0.50	<0.50	<56	-	
	07/25/13	MD		56.79	0.00	44.51	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	07/26/13	‡		-	-	-	<50	-	<0.50	<0.50	<0.50	<1.0	15	<10	<0.50	<0.50	<0.50	<150	<0.50	<0.50	<47	-	
	10/29/13	‡		56.83	0.00	44.47	<50	-	<0.50	<0.50	<0.50	<1.0	40	<10	<0.50	<0.50	<0.50	<150	<0.50	<0.50	<47	0.4	
	01/21/14	MD		56.73	0.00	44.57	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.2	
	01/22/14	‡		-	-	-	<50	-	<0.50	<0.50	<0.50	<1.0	20	<10	<0.50	<0.50	<0.50	-	<0.50	<0.50	<48	-	
	07/01/14	MD		56.13	0.00	45.17	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.2	
	07/02/14	‡		-	-	-	<50	-	<0.50	<0.50	<0.50	<1.0	<0.50	<10	<0.50	<0.50	<0.50	-	<0.50	<0.50	<47	-	
	02/09/15	MD		57.42	0.00	43.88	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.1	
	02/12/15			-	-	-	<50	-	<0.50	<0.50	<0.50	<1.0	5.5	<10	<0.50	<0.50	<0.50	-	<0.50	<0.50	<51	-	
	02/08/16	VOL		56.92	0.00	44.38	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5.0	
V-9	07/01/14	VOL	101.16	39.30	0.00	61.86	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	Stagnant water
	02/08/16	MD		39.35	0.00	61.81	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.7	Grab sample
	02/11/16	NP		-	-	-	<50	-	0.50	<0.50	<0.50	<1.0	6.7	<10	<0.50	<0.50	<0.50	-	<0.50	<0.50	-	-	
V-10	07/01/14	VOL	103.59	34.71	0.00	68.88	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	Stagnant water
	02/08/16	MD		34.70	0.00	68.89	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1.0	Grab sample

Table 8
Historical Groundwater Monitoring & Analytical Data
ARCO Service Station No. 465
151 Southgate Avenue, Daly City, California

Notes:

GRO = Gasoline range organics
DRO = Diesel range organics
B = Benzene
T = Toluene
E = Ethylbenzene
X = Total xylenes
MTBE = Methyl tert-butyl ether
TBA = Tert-butyl alcohol
DIPE = Di-isopropyl ether
ETBE = Ethyl tert-butyl ether
TAME = Tert-amyl methyl ether
1,2-DCA = 1,2 Dichloroethane
EDB = 1,2-Dibromoethane
D.O. = Dissolved Oxygen; rounded to the nearest tenth
SPH = Separate phase hydrocarbons
TOC = Top of casing (surveyed); elevations reference NGVD 29
Calc. GW Elev. = Calculated groundwater elevation = TOC - Depth to Water + 0.75*(Measured SPH Thickness); assuming a specific gravity of 0.75 for SPH
µg/L = Micrograms per liter
< = Analyte was not detected above the specified method reporting limit
- = Not measured or analyzed
‡ = Sample collected during SVE System Operation
DRY = Well dry during gauging; not sampled
INA = Well inaccessible; not sampled
MD = Sampling & gauging performed over multiple days during this event
N = Identity of contaminant uncertain (hydrocarbon pattern atypical of indicated analyte); see lab report
NP = Well not purged prior to sampling
NS = Well not sampled
NSP = Well not sampled this event, in accordance with groundwater sampling schedule
VOL = Well not sampled due to insufficient volume of water in well
SS = Stoddard Solvent
* = Insufficient groundwater in well for purging
** = Insufficient groundwater in well for purging. Groundwater elevation considered anomalous
*** = Depth to water > Depth of well. Data Invalid; gauging measurement for MW-9 is erroneous.

Additional Notes:

Refer to the reports in which data was first presented for more information on historical data.
Beginning with the first quarter 2003 sampling event (3/28/03), TPH-g, benzene, toluene, ethylbenzene, total xylenes, and MTBE analyzed using EPA Method 8260B.
Beginning in the fourth quarter 2003, the laboratory modified the reported analyte list. TPH-g was changed to GRO. The resulting data may be impacted by the potential of non-TPH-g analytes within the requested fuel range resulting in a higher concentration being reported.
Beginning in the second quarter 2004, the carbon range for GRO was changed from C6-C10 to C4-C12.
The data within this table collected prior to July 2006 was provided to Stantec by RM and their previous consultants. Stantec has not verified the accuracy of this information.
Beginning in the second quarter 2008, the carbon range for GRO was changed from C4-C12 to C6-C12.
SVE system started for continuous operation on October 24,2012; therefore groundwater samples collected after this date affects the interpretation of the data.
Groundwater samples from wells MW-4D and MW-16 sampled on 2/12/15 and 2/13/15, respectively, were collected less than 48 hours after well development and may not be representative.

Table 9
Groundwater Flow Direction and Gradient Data
ARCO Service Station No. 465
151 Southgate Avenue, Daly City, California

Well No.	Monitoring Date	DTW (ft bgs)	SPH Thickness (feet)	Groundwater Gradient (feet per foot)	Groundwater Flow Direction															
					N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW
MW-1	03/18/02	54.72	0.00	0.003											1					
	06/27/02	54.63	0.00	0.023	1															
	09/25/02	54.60	0.00	0.013			1													
	12/13/02	54.60	0.00	0.012			1													
	03/28/03	54.62	0.00	0.019			1													
	05/06/03	54.51	0.00	0.019		1														
	07/22/03	54.60	0.00	0.015		1														
	10/21/03	54.68	0.00	0.011		1														
	02/03/04	54.62	0.00	0.017		1														
	04/14/04	54.64	0.00	0.013			1													
	07/20/04	54.56	0.00	0.018			1													
	10/29/04	54.39	0.00	0.006		1														
	01/11/05	54.36	0.00	0.020		1														
	05/03/05	54.40	0.00	0.020		1														
	08/03/05	54.14	0.00	0.010			1													
	10/28/05	54.00	0.00	0.006					1											
	01/11/06	54.15	0.00	0.009			1													
	04/17/06	54.11	0.00	0.009					1											
	07/18/06	53.92	0.00	0.009				1												
	11/13/06	53.86	0.00	0.009				1												
	01/12/07	53.81	0.00	0.009				1												
	04/16/07	53.84	0.00	0.008				1												
	07/06/07	54.04	0.00	0.009				1												
	10/04/07	54.21	0.00	0.009					1											
	01/21/08	54.33	0.00	0.009					1											
	04/17/08	54.50	0.00	0.010				1												
	07/10/08	54.45	0.00	0.009				1												
	10/16/08	54.52	0.00	0.013 to 0.036	1															
	01/22/09	54.54	0.00	0.018								1								
	04/22/09	54.61	0.00	0.002								1								
	07/27/09	54.75	0.00	0.012																1
	10/30/09	54.80	0.00	0.033 to 0.038			0.5					0.5								
	04/23/10	54.89	0.00	0.002										1						
	10/28/10	54.72	0.00	0.012										1						
	04/11/11	54.87	0.00	0.002 to 0.007						0.5				0.5						
	10/24/11	54.49	0.00	0.011										1						
	04/04/12	54.45	0.00	0.008										1						

Table 9

Groundwater Flow Direction and Gradient Data

ARCO Service Station No. 465

151 Southgate Avenue, Daly City, California

Well No.	Monitoring Date	DTW (ft bgs)	SPH Thickness (feet)	Groundwater Gradient (feet per foot)	Groundwater Flow Direction															
					N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW
MW-1	10/03/12	54.80	0.00	0.006									**1**							
	01/14/13	55.00	0.00	0.007									**1**							
	04/01/13	55.50	0.00	0.012								**1**								
	07/25/13	55.57	0.00	0.006 to 0.020						**0.5**						**1**				
	10/29/13	55.10	0.00	0.017									**1**							
	01/21/14	55.22	0.00	0.007								**1**								
MW-5	07/01/14	56.91	0.00	0.029	**1**															
	02/09/15	58.55	0.00	0.025						**1.0**										
	09/14/15	58.47	0.00	0.008 to 0.026				**1**												
	02/08/16	58.48	0.00	0.005 to 0.006				**0.5**											**0.5**	
Average Values		**54.84**	**0.00**	**0.012**	**3.0**	**7.0**	**7.5**	**8.5**	**4.0**	**2.0**	**0.0**	**4.5**	**3.0**	**4.5**	**1.0**	**0.5**	**0.0**	**0.0**	**0.5**	**1.0**
Minumum Values		**53.81**	**0.00**	**0.002**																
Maximum Values		**58.55**	**0.00**	**0.038**																

Explanation

TOC = Top of Casing (elevation in feet above mean sea level)

DTW = Depth to water below grade surface as measured from TOC

SPH = Separate-phase hydrocarbons

Number of Events **47 Events**

Source: Historical Groundwater Gradient Maps (Pre 2006) from URS.

Table 10

Regional Groundwater Flow Direction and Gradient Data

ARCO Service Station No. 465

151 Southgate Avenue, Daly City, California

Well No.	Monitoring Date	DTW (ft bgs)	SPH Thickness (feet)	Groundwater Gradient (feet per foot)	Groundwater Flow Direction															
					N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW
MW-4D	02/12/15	145.82	0.00	0.008			1													
	06/16/15	145.79	0.00	--			--													
	09/14/15	145.57	0.00	0.026				1												
	12/02/15	145.57	0.00	--				--												
	02/08/16	145.38	0.00	0.007			1													
Average Values		**145.63**	**0.00**	**0.014**	**0.0**	**0.0**	**2.0**	**1.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**
Minumum Values		**145.38**	**0.00**	**0.007**																
Maximum Values		**145.82**	**0.00**	**0.026**																

Explanation

TOC = Top of Casing (elevation in feet above mean sea level)

DTW = Depth to water below grade surface as measured from TOC

SPH = Separate-phase hydrocarbons

Number of Events **5 Monitorng Events**

3 Contour Maps

TABLE 11
Soil SVOC Analytical Data
ARCO Service Station No. 0465
151 Southgate Avenue, Daly City, California

Well No.	Date	GRO ($\mu g/m^3$)	Benzene ($\mu g/m^3$)	Toluene ($\mu g/m^3$)	Ethyl-benzene ($\mu g/m^3$)	Xylenes ($\mu g/m^3$)	MtBE ($\mu g/m^3$)	Acetone ($\mu g/m^3$)	PCE ($\mu g/m^3$)	Carbon Dioxide (% v)	Oxygen + Argon (% v)	Methane (% v)	Helium (% v)
SV-1S	12/21/11	<3,800	<1.6	<1.9	<2.2	<8.7	**37**	<4.8	**260**	**4.83**	**17.8**	<0.500	<0.0100
SV-1D	12/21/11	<3,800	<1.6	<1.9	<2.2	<8.7	**85**	**4.8**	**610**	**11.5**	**10.8**	<0.500	<0.0100
ESL	Nov-07	**10,000**	84	63,000	210,000	21,000	9,400	NA	NA	NA	NA	NA	NA

Notes:

GRO = Gasoline range organics

MTBE = Methyl tert-butyl ether

PCE = Tetrachloroethene

$\mu g/m^3$ = micrograms per cubic meter

% v/v = Percent volume by volume

NA = Not applicable

10,000 = Environmental screening level exceeded

< = Concentration below the method reporting limit

a = Leak detection compound 1,2-Difluoroethane reported in sample

b = Anomalous % oxygen result

ESL = November 2007 California Regional Water Quality Control Board Environmental Screening Level for residential shallow soils where groundwater IS a potential source of drinking water (most conservative).

TABLE 12
2Groundwater PCE and TCE Analytical Data
ARCO Service Station No. 0465
151 Southgate Avenue, Daly City, Calfornia

Well No.	Date	PCE (µg/L)	TCE (µg/L)	Comments
MW-1	07/27/09	<0.50	<0.50	
MW-2	07/27/09	<10	<10	
MW-4	07/27/09	<25	<25	
MW-7	07/27/09	<0.50	<0.50	
MW-8	07/27/09	<0.50	<0.50	
MW-9	07/27/09	<0.50	<0.50	
V-8	07/27/09	<1.0	<1.0	

Notes:

PCE = Tetrachloroethene

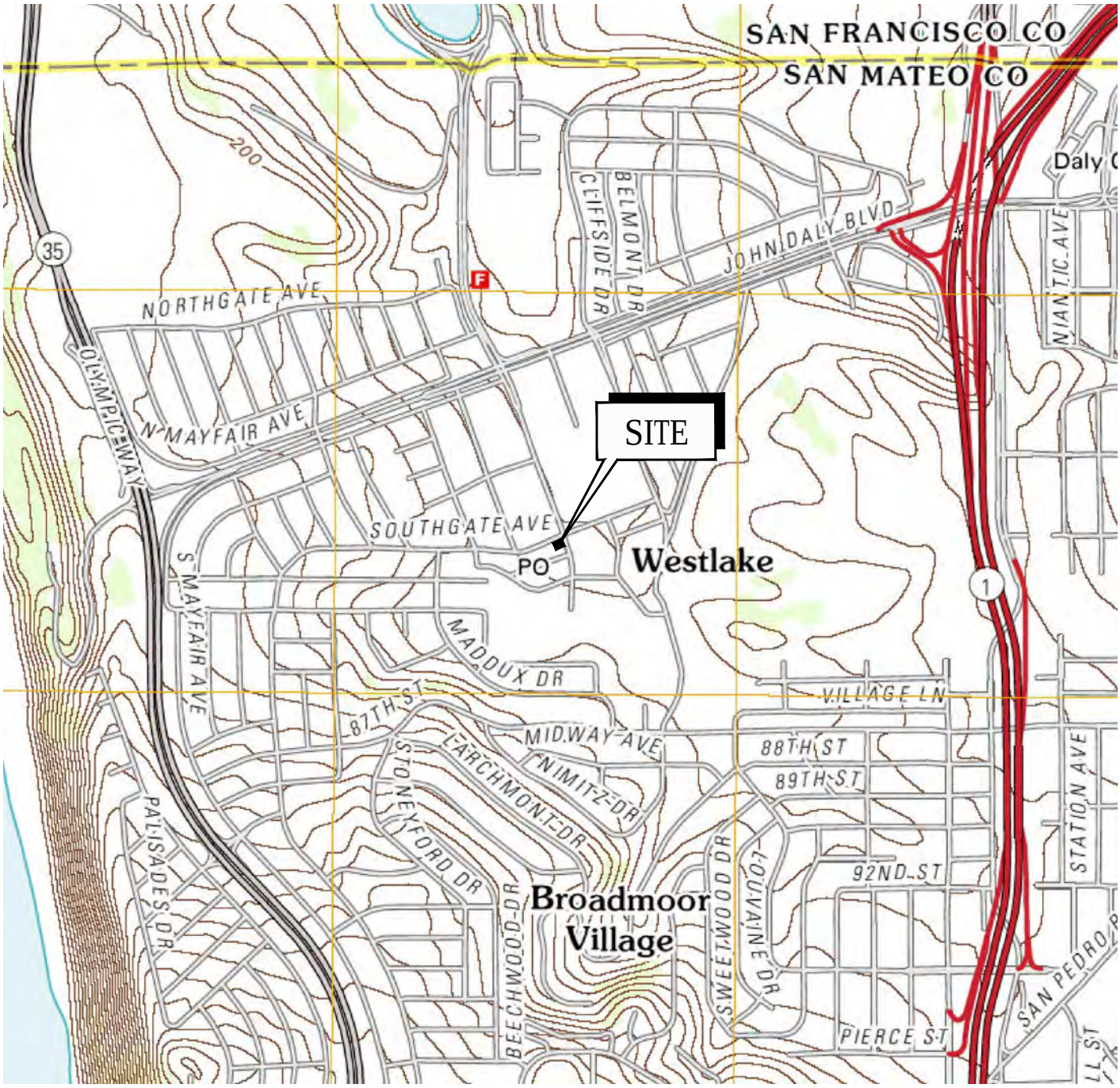
TCE = Trichloroethene

µg/L = Micrograms per liter

< = Analyte was not detected above the specified method reporting limit

- = Not measured or analyzed

Figures



REFERENCE: USGS 7.5 MINUTE QUADRANGLE;
SAN FRANCISCO SOUTH, CALIFORNIA; 2012

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Rocklin, CA 95756
PHONE: (916)773-8100 FAX: (916)773-8448

FOR:
ARCO
SERVICE STATION NO. 0465
151 SOUTHGATE AVENUE
DALY CITY, CALIFORNIA

SITE LOCATION MAP

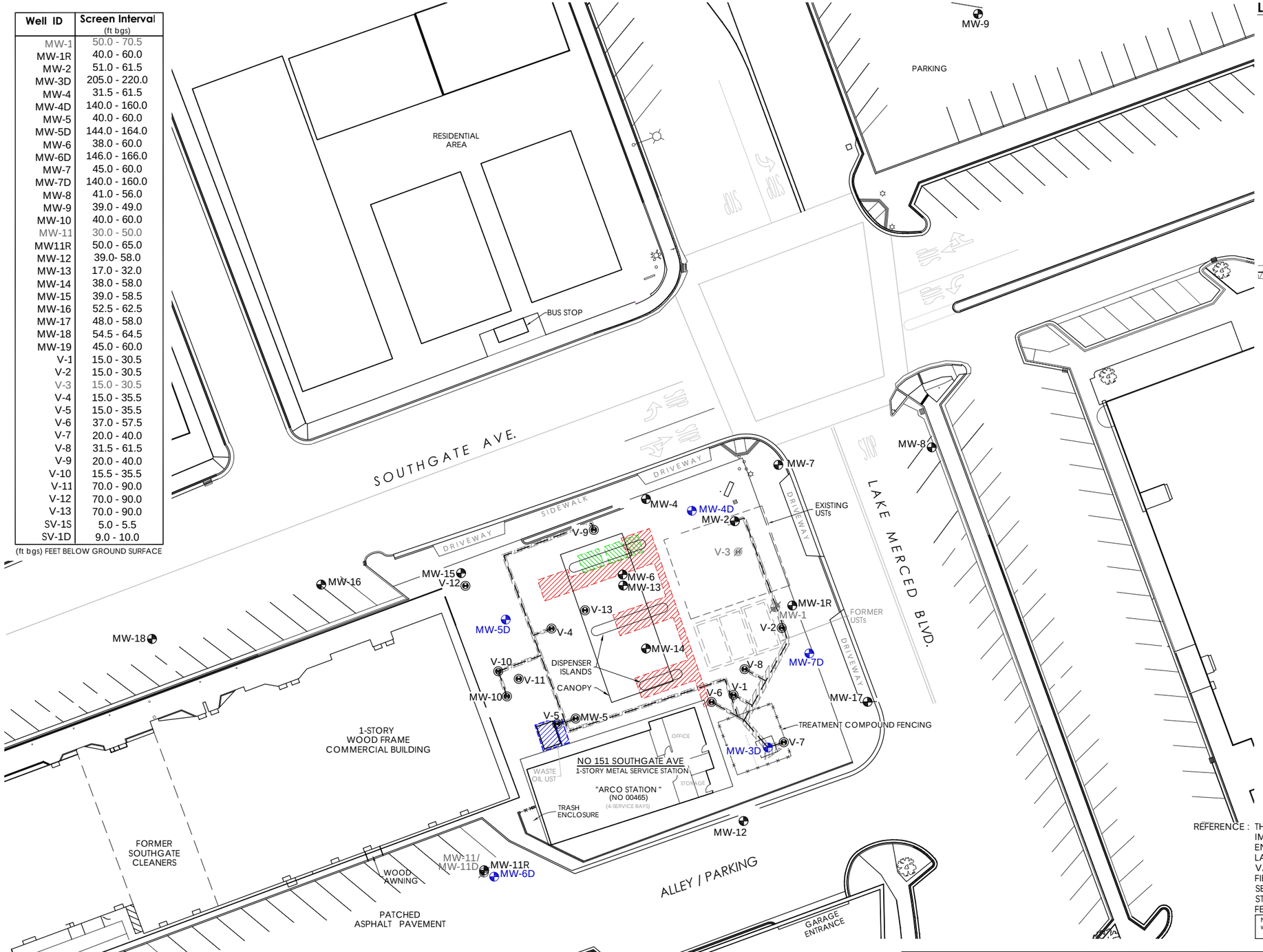
FIGURE: 1

JOB NUMBER:	DRAWN BY:	CHECKED BY:	APPROVED BY:	DATE:
211611098	JRO	RC	BH	03/22/16

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Well ID	Screen Interval (ft bgs)
MW-1	50.0 - 70.5
MW-1R	40.0 - 60.0
MW-2	51.0 - 61.5
MW-3D	205.0 - 220.0
MW-4	31.5 - 61.5
MW-4D	140.0 - 160.0
MW-5	40.0 - 60.0
MW-5D	144.0 - 164.0
MW-6	38.0 - 60.0
MW-6D	146.0 - 166.0
MW-7	45.0 - 60.0
MW-7D	140.0 - 160.0
MW-8	41.0 - 56.0
MW-9	39.0 - 49.0
MW-10	40.0 - 60.0
MW-11	30.0 - 50.0
MW11R	50.0 - 65.0
MW-12	39.0- 58.0
MW-13	17.0 - 32.0
MW-14	38.0 - 58.0
MW-15	39.0 - 58.5
MW-16	52.5 - 62.5
MW-17	48.0 - 58.0
MW-18	54.5 - 64.5
MW-19	45.0 - 60.0
V-1	15.0 - 30.5
V-2	15.0 - 30.5
V-3	15.0 - 30.5
V-4	15.0 - 35.5
V-5	15.0 - 35.5
V-6	37.0 - 57.5
V-7	20.0 - 40.0
V-8	31.5 - 61.5
V-9	20.0 - 40.0
V-10	15.5 - 35.5
V-11	70.0 - 90.0
V-12	70.0 - 90.0
V-13	70.0 - 90.0
SV-1S	5.0 - 5.5
SV-1D	9.0 - 10.0

(ft bgs) FEET BELOW GROUND SURFACE



LEGEND:

- GROUNDWATER MONITORING WELL
- GROUNDWATER MONITORING WELL (DEEP)
- VAPOR EXTRACTION WELL
- DESTROYED VAPOR EXTRACTION WELL
- ABANDONED/DESTROYED GROUNDWATER MONITORING WELL
- EXCAVATION AREA CONDUCTED SEPTEMBER 2000
- EXCAVATION AREA CONDUCTED MARCH 1999
- EXCAVATION AREA CONDUCTED OCTOBER 1997
- EXISTING UNDERGROUND SYSTEM CONVEYANCE PIPING AND TRENCHING

REFERENCE : THIS FIGURE IS BASED ON PRELIMINARY IMPROVEMENT PLANS PROVIDED BY BKF ENGINEERS DATED JULY 26, 2007. UTILITY LAYOUT AND ORIENTATION ARE BASED ON VARIOUS COUNTY DRAWINGS AS WELL AS FIELD VERIFICATION AND ARE APPROXIMATE. SELECTIVE SAMPLE SURVEY CONDUCTED BY STANTEC PERSONNEL ON OCTOBER 27, 2011, FEBRUARY 2015, AND NOVEMBER 2, 2015.

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Rocklin, CA 95756
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FOR:
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SERVICE STATION NO. 0465
151 SOUTHGATE AVENUE
DALY CITY, CALIFORNIA

SITE PLAN

FIGURE: 2

JOB NUMBER:	DRAWN BY:	CHECKED BY:	APPROVED BY:	DATE:
211611098	JRO	RC	BH	03/22/16

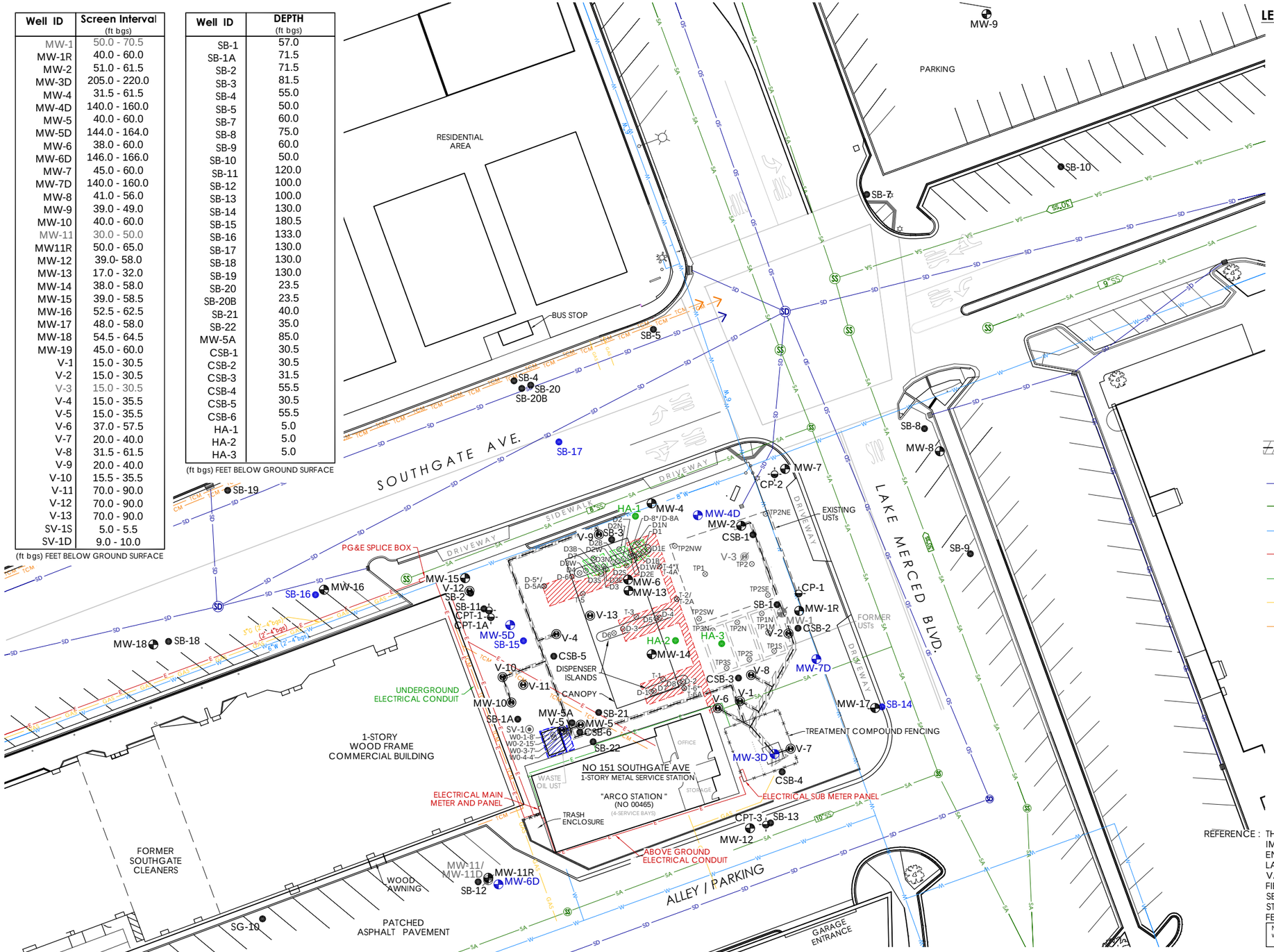
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Well ID	Screen Interval (ft bgs)
MW-1	50.0 - 70.5
MW-1R	40.0 - 60.0
MW-2	51.0 - 61.5
MW-3D	205.0 - 220.0
MW-4	31.5 - 61.5
MW-4D	140.0 - 160.0
MW-5	40.0 - 60.0
MW-5D	144.0 - 164.0
MW-6	38.0 - 60.0
MW-6D	146.0 - 166.0
MW-7	45.0 - 60.0
MW-7D	140.0 - 160.0
MW-8	41.0 - 56.0
MW-9	39.0 - 49.0
MW-10	40.0 - 60.0
MW-11	30.0 - 50.0
MW11R	50.0 - 65.0
MW-12	39.0- 58.0
MW-13	17.0 - 32.0
MW-14	38.0 - 58.0
MW-15	39.0 - 58.5
MW-16	52.5 - 62.5
MW-17	48.0 - 58.0
MW-18	54.5 - 64.5
MW-19	45.0 - 60.0
V-1	15.0 - 30.5
V-2	15.0 - 30.5
V-3	15.0 - 30.5
V-4	15.0 - 35.5
V-5	15.0 - 35.5
V-6	37.0 - 57.5
V-7	20.0 - 40.0
V-8	31.5 - 61.5
V-9	20.0 - 40.0
V-10	15.5 - 35.5
V-11	70.0 - 90.0
V-12	70.0 - 90.0
V-13	70.0 - 90.0
SV-1S	5.0 - 5.5
SV-1D	9.0 - 10.0

(ft bgs) FEET BELOW GROUND SURFACE

Well ID	DEPTH (ft bgs)
SB-1	57.0
SB-1A	71.5
SB-2	71.5
SB-3	81.5
SB-4	55.0
SB-5	50.0
SB-7	60.0
SB-8	75.0
SB-9	60.0
SB-10	50.0
SB-11	120.0
SB-12	100.0
SB-13	100.0
SB-14	130.0
SB-15	180.5
SB-16	133.0
SB-17	130.0
SB-18	130.0
SB-19	130.0
SB-20	23.5
SB-20B	23.5
SB-21	40.0
SB-22	35.0
MW-5A	85.0
CSB-1	30.5
CSB-2	30.5
CSB-3	31.5
CSB-4	55.5
CSB-5	30.5
CSB-6	55.5
HA-1	5.0
HA-2	5.0
HA-3	5.0

(ft bgs) FEET BELOW GROUND SURFACE



LEGEND:

- GROUNDWATER MONITORING WELL
- GROUNDWATER MONITORING WELL (DEEP)
- ATTEMPTED CPT BORING
- VAPOR EXTRACTION WELL
- DESTROYED VAPOR EXTRACTION WELL
- ABANDONED/DESTROYED GROUNDWATER MONITORING WELL
- SOIL BORING (SHALLOW)
- SOIL BORING (MID)
- SOIL BORING (DEEP)
- SOIL VAPOR PROBE
- EXCAVATION SAMPLING POINT
- EXCAVATION AREA CONDUCTED SEPTEMBER 2000
- EXCAVATION AREA CONDUCTED MARCH 1999
- EXCAVATION AREA CONDUCTED OCTOBER 1997
- EXISTING UNDERGROUND SYSTEM CONVEYANCE PIPING AND TRENCHING
- SD — STORM DRAIN LINE
- SA — SANITARY SEWER LINE
- W — WATER LINE
- E — ELECTRIC LINE
- E — EXISTING UNDERGROUND ELECTRIC LINE
- GAS — EXISTING UNDERGROUND NATURAL GAS LINE
- TCM — EXISTING TELECOMMUNICATION LINE

REFERENCE : THIS FIGURE IS BASED ON PRELIMINARY IMPROVEMENT PLANS PROVIDED BY BKF ENGINEERS DATED JULY 26, 2007. UTILITY LAYOUT AND ORIENTATION ARE BASED ON VARIOUS COUNTY DRAWINGS AS WELL AS FIELD VERIFICATION AND ARE APPROXIMATE. SELECTIVE SAMPLE SURVEY CONDUCTED BY STANTEC PERSONNEL ON OCTOBER 27, 2011, FEBRUARY 2015, AND NOVEMBER 2, 2015.

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Rocklin, CA 95756
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FOR:
ARCO
SERVICE STATION NO. 0465
151 SOUTHGATE AVENUE
DALY CITY, CALIFORNIA

DETAILED SITE PLAN

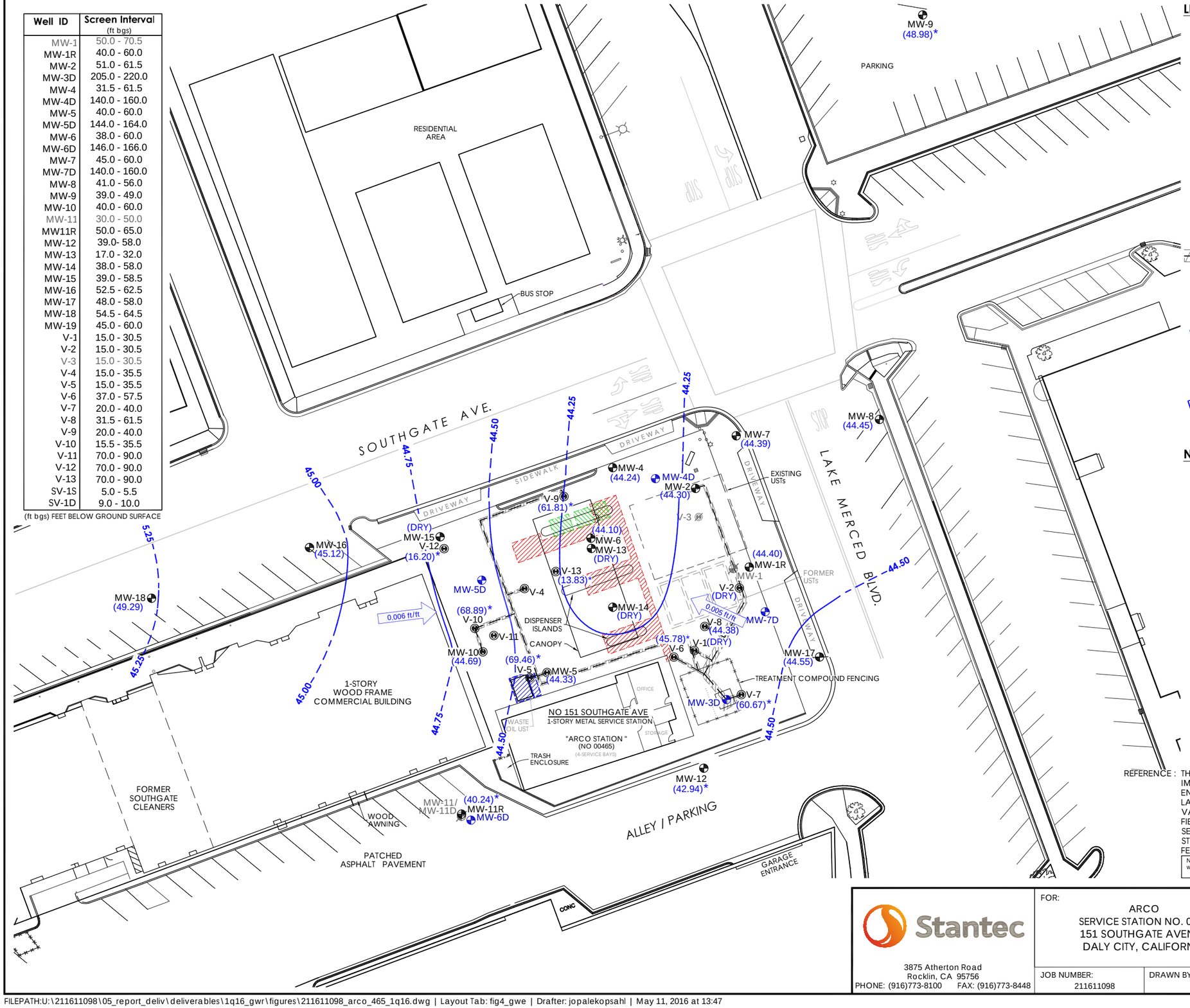
FIGURE: 3

JOB NUMBER:	DRAWN BY:	CHECKED BY:	APPROVED BY:	DATE:
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Well ID	Screen Interval (ft bgs)
MW-1	50.0 - 70.5
MW-1R	40.0 - 60.0
MW-2	51.0 - 61.5
MW-3D	205.0 - 220.0
MW-4	31.5 - 61.5
MW-4D	140.0 - 160.0
MW-5	40.0 - 60.0
MW-5D	144.0 - 164.0
MW-6	38.0 - 60.0
MW-6D	146.0 - 166.0
MW-7	45.0 - 60.0
MW-7D	140.0 - 160.0
MW-8	41.0 - 56.0
MW-9	39.0 - 49.0
MW-10	40.0 - 60.0
MW-11	30.0 - 50.0
MW11R	50.0 - 65.0
MW-12	39.0- 58.0
MW-13	17.0 - 32.0
MW-14	38.0 - 58.0
MW-15	39.0 - 58.5
MW-16	52.5 - 62.5
MW-17	48.0 - 58.0
MW-18	54.5 - 64.5
MW-19	45.0 - 60.0
V-1	15.0 - 30.5
V-2	15.0 - 30.5
V-3	15.0 - 30.5
V-4	15.0 - 35.5
V-5	15.0 - 35.5
V-6	37.0 - 57.5
V-7	20.0 - 40.0
V-8	31.5 - 61.5
V-9	20.0 - 40.0
V-10	15.5 - 35.5
V-11	70.0 - 90.0
V-12	70.0 - 90.0
V-13	70.0 - 90.0
SV-1S	5.0 - 5.5
SV-1D	9.0 - 10.0

(ft bgs) FEET BELOW GROUND SURFACE



LEGEND:

- GROUNDWATER MONITORING WELL
- GROUNDWATER MONITORING WELL (DEEP)
- VAPOR EXTRACTION WELL
- DESTROYED VAPOR EXTRACTION WELL
- ABANDONED/DESTROYED GROUNDWATER MONITORING WELL
- EXCAVATION AREA CONDUCTED SEPTEMBER 2000
- EXCAVATION AREA CONDUCTED MARCH 1999
- EXCAVATION AREA CONDUCTED OCTOBER 1997
- EXISTING UNDERGROUND SYSTEM CONVEYANCE PIPING AND TRENCHING
- (44.40) GROUNDWATER ELEVATION (FEET ABOVE MEAN SEA LEVEL)
- GROUNDWATER ELEVATION CONTOUR; DASHED WHERE INFERRED (FEET ABOVE MEAN SEA LEVEL)
- * NOT USED IN CONTOUR DETERMINATION
- APPROXIMATE DIRECTION OF GROUNDWATER FLOW IN FEET PER FOOT (ft/ft).

NOTE:

GROUNDWATER CONTOURS WERE CREATED USING SURFER VERSION 11.6

REFERENCE : THIS FIGURE IS BASED ON PRELIMINARY IMPROVEMENT PLANS PROVIDED BY BKF ENGINEERS DATED JULY 26, 2007. UTILITY LAYOUT AND ORIENTATION ARE BASED ON VARIOUS COUNTY DRAWINGS AS WELL AS FIELD VERIFICATION AND ARE APPROXIMATE. SELECTIVE SAMPLE SURVEY CONDUCTED BY STANTEC PERSONNEL ON OCTOBER 27, 2011, FEBRUARY 2015, AND NOVEMBER 2, 2015.

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FOR: ARCO
SERVICE STATION NO. 0465
151 SOUTHGATE AVENUE
DALY CITY, CALIFORNIA

PERCHED GROUNDWATER ELEVATION CONTOUR MAP - FIRST QUARTER 2016

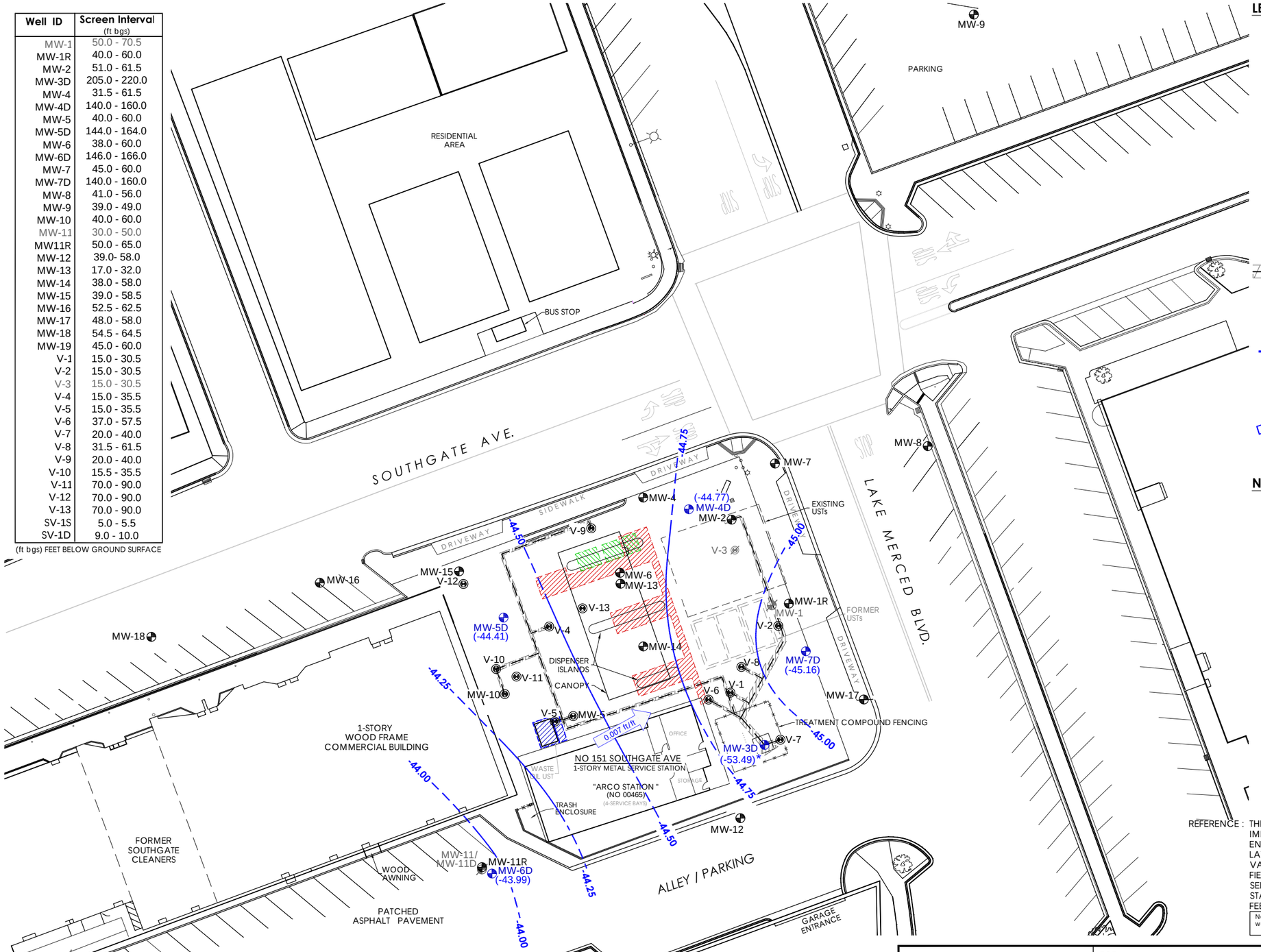
FIGURE: 4

JOB NUMBER:	DRAWN BY:	CHECKED BY:	APPROVED BY:	DATE:
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Well ID	Screen Interval (ft bgs)
MW-1	50.0 - 70.5
MW-1R	40.0 - 60.0
MW-2	51.0 - 61.5
MW-3D	205.0 - 220.0
MW-4	31.5 - 61.5
MW-4D	140.0 - 160.0
MW-5	40.0 - 60.0
MW-5D	144.0 - 164.0
MW-6	38.0 - 60.0
MW-6D	146.0 - 166.0
MW-7	45.0 - 60.0
MW-7D	140.0 - 160.0
MW-8	41.0 - 56.0
MW-9	39.0 - 49.0
MW-10	40.0 - 60.0
MW-11	30.0 - 50.0
MW11R	50.0 - 65.0
MW-12	39.0- 58.0
MW-13	17.0 - 32.0
MW-14	38.0 - 58.0
MW-15	39.0 - 58.5
MW-16	52.5 - 62.5
MW-17	48.0 - 58.0
MW-18	54.5 - 64.5
MW-19	45.0 - 60.0
V-1	15.0 - 30.5
V-2	15.0 - 30.5
V-3	15.0 - 30.5
V-4	15.0 - 35.5
V-5	15.0 - 35.5
V-6	37.0 - 57.5
V-7	20.0 - 40.0
V-8	31.5 - 61.5
V-9	20.0 - 40.0
V-10	15.5 - 35.5
V-11	70.0 - 90.0
V-12	70.0 - 90.0
V-13	70.0 - 90.0
SV-1S	5.0 - 5.5
SV-1D	9.0 - 10.0

(ft bgs) FEET BELOW GROUND SURFACE



LEGEND:

- GROUNDWATER MONITORING WELL
- GROUNDWATER MONITORING WELL (DEEP)
- VAPOR EXTRACTION WELL
- DESTROYED VAPOR EXTRACTION WELL
- ABANDONED/DESTROYED GROUNDWATER MONITORING WELL
- EXCAVATION AREA CONDUCTED SEPTEMBER 2000
- EXCAVATION AREA CONDUCTED MARCH 1999
- EXCAVATION AREA CONDUCTED OCTOBER 1997
- EXISTING UNDERGROUND SYSTEM CONVEYANCE PIPING AND TRENCHING
- (-53.49) GROUNDWATER ELEVATION (FEET ABOVE MEAN SEA LEVEL)
- GROUNDWATER ELEVATION CONTOUR; DASHED WHERE INFERRED (FEET ABOVE MEAN SEA LEVEL)
- * NOT USED IN CONTOUR DETERMINATION
- APPROXIMATE DIRECTION OF GROUNDWATER FLOW IN FEET PER FOOT (ft/ft).

NOTE:

GROUNDWATER CONTOURS WERE CREATED USING SURFER VERSION 11.6

REFERENCE : THIS FIGURE IS BASED ON PRELIMINARY IMPROVEMENT PLANS PROVIDED BY BKF ENGINEERS DATED JULY 26, 2007. UTILITY LAYOUT AND ORIENTATION ARE BASED ON VARIOUS COUNTY DRAWINGS AS WELL AS FIELD VERIFICATION AND ARE APPROXIMATE. SELECTIVE SAMPLE SURVEY CONDUCTED BY STANTEC PERSONNEL ON OCTOBER 27, 2011, FEBRUARY 2015, AND NOVEMBER 2, 2015.

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FOR: ARCO SERVICE STATION NO. 0465 151 SOUTHGATE AVENUE DALY CITY, CALIFORNIA

DEEP GROUNDWATER ELEVATION CONTOUR MAP - FIRST QUARTER 2016

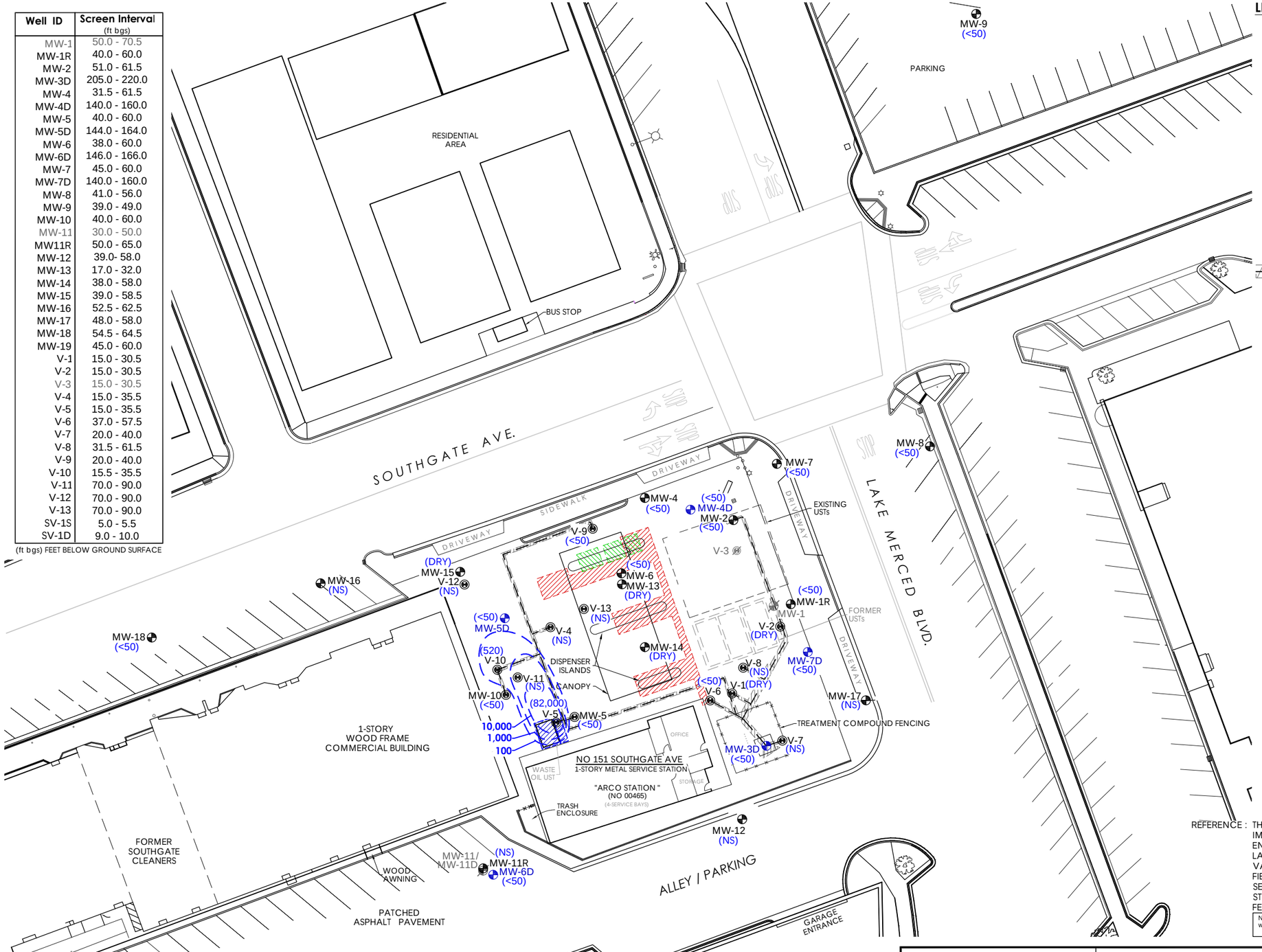
FIGURE: 5

JOB NUMBER:	DRAWN BY:	CHECKED BY:	APPROVED BY:	DATE:
211611098	JRO	RC	BH	03/22/16

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Well ID	Screen Interval (ft bgs)
MW-1	50.0 - 70.5
MW-1R	40.0 - 60.0
MW-2	51.0 - 61.5
MW-3D	205.0 - 220.0
MW-4	31.5 - 61.5
MW-4D	140.0 - 160.0
MW-5	40.0 - 60.0
MW-5D	144.0 - 164.0
MW-6	38.0 - 60.0
MW-6D	146.0 - 166.0
MW-7	45.0 - 60.0
MW-7D	140.0 - 160.0
MW-8	41.0 - 56.0
MW-9	39.0 - 49.0
MW-10	40.0 - 60.0
MW-11	30.0 - 50.0
MW11R	50.0 - 65.0
MW-12	39.0- 58.0
MW-13	17.0 - 32.0
MW-14	38.0 - 58.0
MW-15	39.0 - 58.5
MW-16	52.5 - 62.5
MW-17	48.0 - 58.0
MW-18	54.5 - 64.5
MW-19	45.0 - 60.0
V-1	15.0 - 30.5
V-2	15.0 - 30.5
V-3	15.0 - 30.5
V-4	15.0 - 35.5
V-5	15.0 - 35.5
V-6	37.0 - 57.5
V-7	20.0 - 40.0
V-8	31.5 - 61.5
V-9	20.0 - 40.0
V-10	15.5 - 35.5
V-11	70.0 - 90.0
V-12	70.0 - 90.0
V-13	70.0 - 90.0
SV-1S	5.0 - 5.5
SV-1D	9.0 - 10.0

(ft bgs) FEET BELOW GROUND SURFACE



LEGEND:

- GROUNDWATER MONITORING WELL
- GROUNDWATER MONITORING WELL (DEEP)
- VAPOR EXTRACTION WELL
- DESTROYED VAPOR EXTRACTION WELL
- ABANDONED/DESTROYED GROUNDWATER MONITORING WELL
- EXCAVATION AREA CONDUCTED SEPTEMBER 2000
- EXCAVATION AREA CONDUCTED MARCH 1999
- EXCAVATION AREA CONDUCTED OCTOBER 1997
- EXISTING UNDERGROUND SYSTEM CONVEYANCE PIPING AND TRENCHING
- (82,000) TPH-GRO CONCENTRATION (µg/L)
- INFERRED TPH-GRO CONTOUR
- (DRY) INSUFFICIENT WATER FOR SAMPLING
- (NS) NOT SAMPLED
- TPH-GRO TOTAL PETROLEUM HYDROCARBONS AS GASOLINE RANGE ORGANICS
- (µg/L) MICROGRAMS PER LITER

REFERENCE : THIS FIGURE IS BASED ON PRELIMINARY IMPROVEMENT PLANS PROVIDED BY BKF ENGINEERS DATED JULY 26, 2007. UTILITY LAYOUT AND ORIENTATION ARE BASED ON VARIOUS COUNTY DRAWINGS AS WELL AS FIELD VERIFICATION AND ARE APPROXIMATE. SELECTIVE SAMPLE SURVEY CONDUCTED BY STANTEC PERSONNEL ON OCTOBER 27, 2011, FEBRUARY 2015, AND NOVEMBER 2, 2015.

N

0 40 80

APPROXIMATE SCALE IN FEET

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Stantec
3875 Atherton Road
Rocklin, CA 95756
PHONE: (916)773-8100 FAX: (916)773-8448

FOR: ARCO
SERVICE STATION NO. 0465
151 SOUTHGATE AVENUE
DALY CITY, CALIFORNIA

DISSOLVED GRO
ISOCONCENTRATION CONTOUR MAP -
FIRST QUARTER 2016

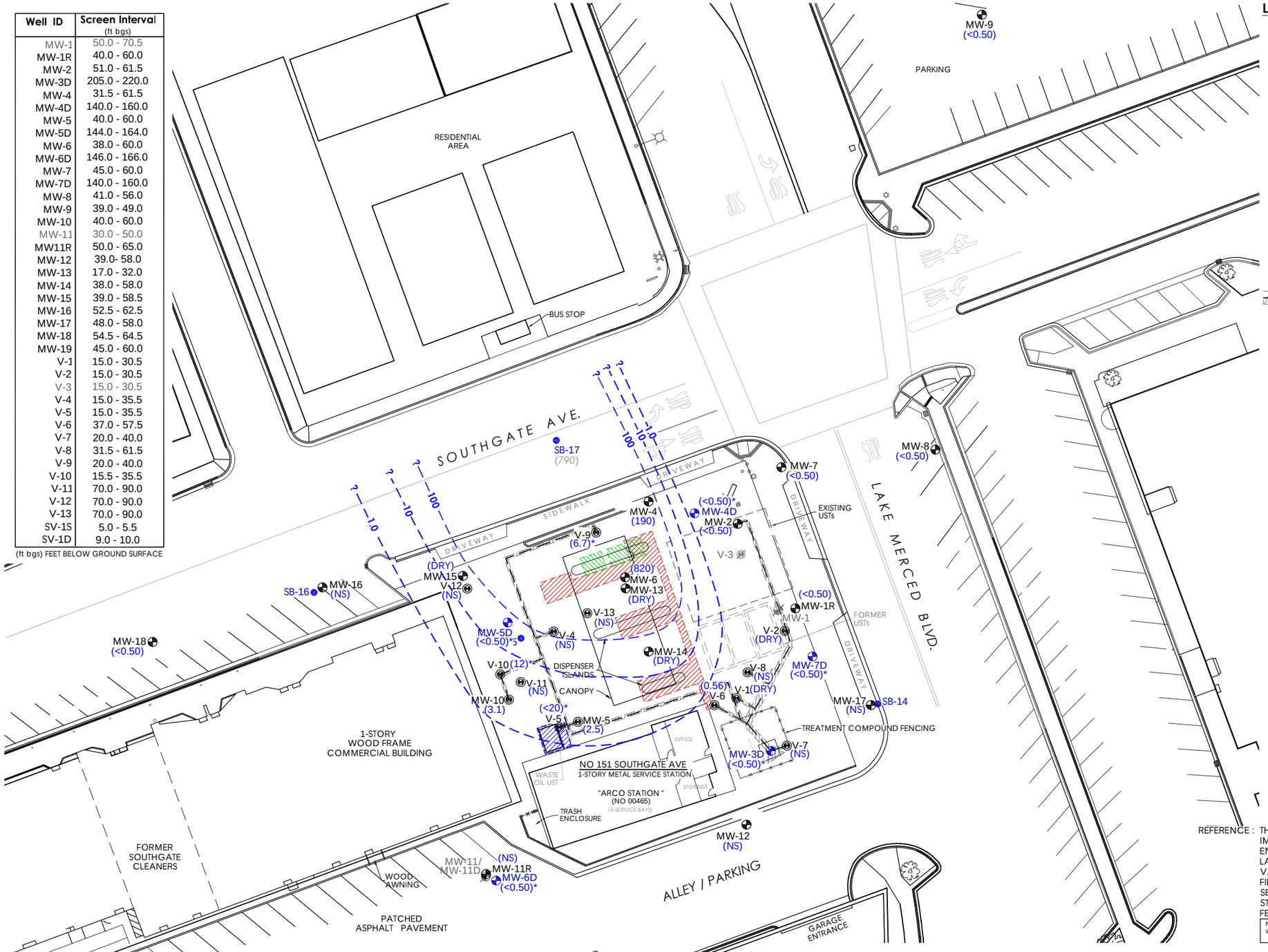
FIGURE: 6

JOB NUMBER:	DRAWN BY:	CHECKED BY:	APPROVED BY:	DATE:
211611098	JRO	RC	BH	03/22/16

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Well ID	Screen Interval (ft bgs)
MW-1	50.0 - 70.5
MW-1R	40.0 - 60.0
MW-2	51.0 - 61.5
MW-3D	205.0 - 220.0
MW-4	31.5 - 61.5
MW-4D	140.0 - 160.0
MW-5	40.0 - 60.0
MW-5D	144.0 - 164.0
MW-6	38.0 - 60.0
MW-6D	146.0 - 166.0
MW-7	45.0 - 60.0
MW-7D	140.0 - 160.0
MW-8	41.0 - 56.0
MW-9	39.0 - 49.0
MW-10	40.0 - 60.0
MW-11	30.0 - 50.0
MW11R	50.0 - 65.0
MW-12	39.0- 58.0
MW-13	17.0 - 32.0
MW-14	38.0 - 58.0
MW-15	39.0 - 58.5
MW-16	52.5 - 62.5
MW-17	48.0 - 58.0
MW-18	54.5 - 64.5
MW-19	45.0 - 60.0
V-1	15.0 - 30.5
V-2	15.0 - 30.5
V-3	15.0 - 30.5
V-4	15.0 - 35.5
V-5	15.0 - 35.5
V-6	37.0 - 57.5
V-7	20.0 - 40.0
V-8	31.5 - 61.5
V-9	20.0 - 40.0
V-10	15.5 - 35.5
V-11	70.0 - 90.0
V-12	70.0 - 90.0
V-13	70.0 - 90.0
SV-1S	5.0 - 5.5
SV-1D	9.0 - 10.0

(ft bgs) FEET BELOW GROUND SURFACE



LEGEND:

- GROUNDWATER MONITORING WELL
- GROUNDWATER MONITORING WELL (DEEP)
- VAPOR EXTRACTION WELL
- DESTROYED VAPOR EXTRACTION WELL
- ABANDONED/DESTROYED GROUNDWATER MONITORING WELL
- SOIL BORING (DEEP)
- EXCAVATION AREA CONDUCTED SEPTEMBER 2000
- EXCAVATION AREA CONDUCTED MARCH 1999
- EXCAVATION AREA CONDUCTED OCTOBER 1997
- EXISTING UNDERGROUND SYSTEM CONVEYANCE PIPING AND TRENCHING
- (190) MtBE CONCENTRATION (µg/L)
- (790) GRAB GROUNDWATER CONCENTRATION SAMPLE COLLECTED ON 01/14/15
- INFERRED MtBE CONTOUR
- (DRY) INSUFFICIENT WATER FOR SAMPLING
- (NS) NOT SAMPLED
- * NOT USED IN CONTOUR DETERMINATION (SHALLOW OR DEEP WELL)
- MtBE METHYL TERTIARY-BUTYL ETHER
- (µg/L) MICROGRAMS PER LITER

REFERENCE : THIS FIGURE IS BASED ON PRELIMINARY IMPROVEMENT PLANS PROVIDED BY BKF ENGINEERS DATED JULY 26, 2007. UTILITY LAYOUT AND ORIENTATION ARE BASED ON VARIOUS COUNTY DRAWINGS AS WELL AS FIELD VERIFICATION AND ARE APPROXIMATE. SELECTIVE SAMPLE SURVEY CONDUCTED BY STANTEC PERSONNEL ON OCTOBER 27, 2011, FEBRUARY 2015, AND NOVEMBER 2, 2015.

N

0 40 80

APPROXIMATE SCALE IN FEET

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Stantec
3875 Atherton Road
Rocklin, CA 95756
PHONE: (916)773-8100 FAX: (916)773-8448

FOR: ARCO SERVICE STATION NO. 0465 151 SOUTHGATE AVENUE DALY CITY, CALIFORNIA

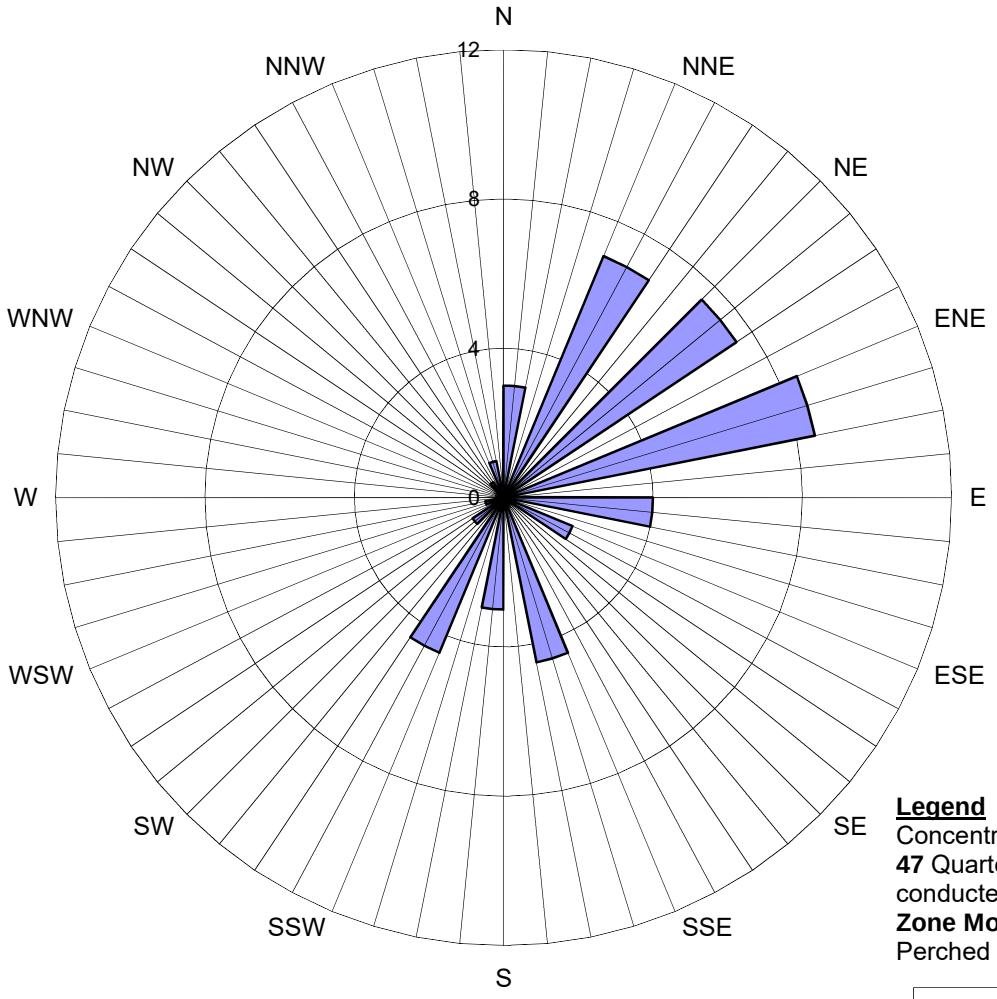
DISSOLVED MtBE ISOCONCENTRATION CONTOUR MAP - FIRST QUARTER 2016

FIGURE: 7

JOB NUMBER:	DRAWN BY:	CHECKED BY:	APPROVED BY:	DATE:
211611098	JRO	RC	BH	03/22/16

FILEPATH:U:\211611098\05_report_deliv\deliverables\1q16_gwr\figures\211611098_arco_465_1q16.dwg | Layout Tab: fig7_mtbe | Drafter: jopalekopsahl | May 12, 2016 at 8:43

Figure 8
Groundwater Flow Direction Rose Diagram
ARCO Service Station No. 465
151 Southgate Avenue, Daly City, California



Legend
Concentric Circles represent
47 Quarterly Montoring Events
conducted through 1Q16
Zone Monitored:
Perched Ground Water Zone ~60 fbg

Groundwater Flow Direction

Tables

Table 1
Current Groundwater Monitoring & Analytical Data
ARCO Service Station No. 465
151 Southgate Avenue, Daly City, California

Well No.	Date	Notes	TOC Elevation (feet)	Depth to Water (feet)	Measured SPH Thickness (feet)	Calc. GW Elev. (feet)	GRO (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE (µg/L)	TBA (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	1,2-DCA (µg/L)	EDB (µg/L)	Stoddard Solvent (µg/L)	D.O. (mg/L)	Comments
MW-1R	02/08/16	MD	98.90	54.50	0.00	44.40	-	-	-	-	-	-	-	-	-	-	-	-	-	4.5	
	02/10/16			-	-	-	<50	<0.50	<0.50	<0.50	<1.0	<0.50	<10	<0.50	<0.50	<0.50	<0.50	<0.50	<47	-	
MW-2	02/08/16	MD	99.38	55.08	0.00	44.30	-	-	-	-	-	-	-	-	-	-	-	-	-	1.9	
	02/10/16			-	-	-	<50	<0.50	<0.50	<0.50	<1.0	<0.50	<10	<0.50	<0.50	<0.50	<0.50	<0.50	<48	-	
MW-3D	12/02/15	MD	102.49	156.98	0.00	-54.49	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	12/04/15			-	-	-	<50	<0.50	<0.50	<0.50	<1.0	<0.50	<10	<0.50	<0.50	<0.50	<0.50	<0.50	<47	-	
	02/08/16	MD		155.98	0.00	-53.49	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	02/10/16			-	-	-	<50	<0.50	<0.50	<0.50	<1.0	<0.50	**11**	<0.50	<0.50	<0.50	<0.50	<0.50	<47	-	
MW-4	02/08/16	MD	100.87	56.63	0.00	44.24	-	-	-	-	-	-	-	-	-	-	-	-	-	2.4	
	02/10/16			-	-	-	<50	<0.50	<0.50	<0.50	<1.0	**190**	<10	<0.50	<0.50	<0.50	<0.50	<0.50	<49	-	
MW-4D	12/02/15		100.61	145.57	0.00	-44.96	<50	<0.50	<0.50	<0.50	<1.0	<0.50	<10	<0.50	<0.50	<0.50	<0.50	<0.50	<51	-	
	02/08/16	MD		145.38	0.00	-44.77	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	02/10/16			-	-	-	<50	<0.50	<0.50	<0.50	<1.0	<0.50	<10	<0.50	<0.50	<0.50	<0.50	<0.50	<47	-	
MW-5	02/08/16	MD, NP	102.81	58.48	0.00	44.33	-	-	-	-	-	-	-	-	-	-	-	-	-	1.5	Grab sample
	02/10/16			-	-	-	<50	<0.50	<0.50	<0.50	<1.0	**2.5**	<10	<0.50	<0.50	<0.50	<0.50	<0.50	-	-	
MW-5D	12/02/15		104.20	148.97	0.00	-44.77	<50	<0.50	<0.50	<0.50	<1.0	<0.50	<10	<0.50	<0.50	<0.50	<0.50	<0.50	<50	-	
	02/08/16	MD		148.61	0.00	-44.41	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	02/10/16			-	-	-	<50	<0.50	<0.50	<0.50	<1.0	<0.50	<10	<0.50	<0.50	<0.50	<0.50	<0.50	<47	-	
MW-6	02/08/16	MD, NP	102.33	58.23	0.00	44.10	-	-	-	-	-	-	-	-	-	-	-	-	-	0.6	Grab sample
	02/10/16			-	-	-	<50	<5.0	<5.0	<5.0	<10	**820**	**4,600**	<5.0	<5.0	<5.0	<5.0	<5.0	<51	-	
MW-6D	12/02/15	MD	104.52	148.78	0.00	-44.26	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	12/03/15			-	-	-	<50	<0.50	<0.50	<0.50	<1.0	<0.50	<10	<0.50	<0.50	<0.50	<0.50	<0.50	<51	-	
	02/08/16	MD		148.51	0.00	-43.99	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	02/10/16			-	-	-	<50	<0.50	<0.50	<0.50	<1.0	<0.50	<10	<0.50	<0.50	<0.50	<0.50	<0.50	<47	-	
MW-7	02/08/16	MD	98.15	53.76	0.00	44.39	-	-	-	-	-	-	-	-	-	-	-	-	-	2.1	
	02/10/16			-	-	-	<50	<0.50	<0.50	<0.50	<1.0	<0.50	<10	<0.50	<0.50	<0.50	<0.50	<0.50	-	-	
MW-7D	12/02/15	MD	99.29	144.71	0.00	-45.42	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	12/03/15			-	-	-	<50	<0.50	<0.50	<0.50	<1.0	<0.50	<10	<0.50	<0.50	<0.50	<0.50	<0.50	<51	-	
	02/08/16	MD		144.45	0.00	-45.16	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	02/10/16			-	-	-	<50	<0.50	<0.50	<0.50	<1.0	<0.50	<10	<0.50	<0.50	<0.50	<0.50	<0.50	<49	-	
MW-8	02/08/16	MD	97.48	53.03	0.00	44.45	-	-	-	-	-	-	-	-	-	-	-	-	-	2.7	
	02/10/16			-	-	-	<50	<0.50	<0.50	<0.50	<1.0	<0.50	<10	<0.50	<0.50	<0.50	<0.50	<0.50	<47	-	
MW-9	02/08/16	MD	95.15	46.17	0.00	48.98	-	-	-	-	-	-	-	-	-	-	-	-	-	2.4	
	02/10/16			-	-	-	<50	<0.50	<0.50	<0.50	<1.0	<0.50	<10	<0.50	<0.50	<0.50	<0.50	<0.50	<47	-	
MW-10	02/08/16	MD	103.29	58.60	0.00	44.69	-	-	-	-	-	-	-	-	-	-	-	-	-	0.9	Grab sample
	02/10/16			-	-	-	<50	<0.50	<0.50	<0.50	<1.0	**3.1**	<10	<0.50	<0.50	<0.50	<0.50	<0.50	-	-	
MW-11R	02/08/16	VOL	104.89	64.65	0.00	40.24	-	-	-	-	-	-	-	-	-	-	-	-	-	-	

Table 1
Current Groundwater Monitoring & Analytical Data
ARCO Service Station No. 465
151 Southgate Avenue, Daly City, California

Well No.	Date	Notes	TOC Elevation (feet)	Depth to Water (feet)	Measured SPH Thickness (feet)	Calc. GW Elev. (feet)	GRO (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE (µg/L)	TBA (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	1,2-DCA (µg/L)	EDB (µg/L)	Stoddard Solvent (µg/L)	D.O. (mg/L)	Comments
MW-12	02/08/16	VOL	100.15	57.21	0.00	42.94	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
MW-13	02/08/16	DRY	102.68	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
MW-14	02/08/16	DRY	102.99	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
MW-15	02/08/16	DRY	105.23	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
MW-16	02/08/16	VOL	106.79	61.67	0.00	45.12	-	-	-	-	-	-	-	-	-	-	-	-	-	0.9	
MW-17	02/08/16	VOL	98.91	54.36	0.00	44.55	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
MW-18	12/02/15	MD	111.44	61.85	0.00	49.59	-	-	-	-	-	-	-	-	-	-	-	-	-	1.7	Grab sample
	12/03/15			-	-	-	<50	<0.50	<0.50	<0.50	<1.0	<0.50	<10	<0.50	<0.50	<0.50	<0.50	<0.50	**120**	-	
	02/08/16	MD, NP		62.15	0.00	49.29	-	-	-	-	-	-	-	-	-	-	-	-	-	0.6	Grab sample
	02/11/16			-	-	-	<50	<0.50	<0.50	<0.50	<1.0	<0.50	<10	<0.50	<0.50	<0.50	<0.50	<0.50	<50	-	
V-1	02/08/16	DRY	101.61	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
V-2	02/08/16	DRY	99.22	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
V-5	02/08/16	MD, NP	102.77	33.31	0.00	69.46	-	-	-	-	-	-	-	-	-	-	-	-	-	0.8	Grab sample
	02/11/16			-	-	-	**82,000**	<20	**41**	**49**	**2,100**	<20	<400	<20	<20	<20	<20	<20	-	-	
V-6	02/08/16	MD, NP	102.18	56.40	0.00	45.78	-	-	-	-	-	-	-	-	-	-	-	-	-	-	Grab sample
	02/11/16			-	-	-	<50	<0.50	<0.50	<0.50	<1.0	**0.56**	<10	<0.50	<0.50	<0.50	<0.50	<0.50	-	-	
V-7	02/08/16	VOL	102.30	41.63	0.00	60.67	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
V-8	02/08/16	VOL	101.30	56.92	0.00	44.38	-	-	-	-	-	-	-	-	-	-	-	-	-	5.0	
V-9	02/08/16	MD, NP	101.16	39.35	0.00	61.81	-	-	-	-	-	-	-	-	-	-	-	-	-	0.7	Grab sample
	02/11/16			-	-	-	<50	**0.50**	<0.50	<0.50	<1.0	**6.7**	<10	<0.50	<0.50	<0.50	<0.50	<0.50	-	-	
V-10	02/08/16	MD, NP	103.59	34.70	0.00	68.89	-	-	-	-	-	-	-	-	-	-	-	-	-	1.0	Grab sample
	02/11/16			-	-	-	**520**	**1.6**	<0.50	**2.5**	**14**	**12**	<10	<0.50	<0.50	<0.50	<0.50	<0.50	-	-	
V-12	02/08/16	VOL	105.33	89.13	0.00	16.20	-	-	-	-	-	-	-	-	-	-	-	-	-	0.6	
V-13	02/08/16	VOL	102.90	89.07	0.00	13.83	-	-	-	-	-	-	-	-	-	-	-	-	-	0.8	

Table 1
Current Groundwater Monitoring & Analytical Data
ARCO Service Station No. 465
151 Southgate Avenue, Daly City, California

Notes:

GRO = Gasoline range organics
B = Benzene
T = Toluene
E = Ethylbenzene
X = Total xylenes
MTBE = Methyl tert-butyl ether
TBA = Tert-butyl alcohol
DIPE = Di-isopropyl ether
ETBE = Ethyl tert-butyl ether
TAME = Tert-amyl methyl ether
1,2-DCA = 1,2-Dichloroethane
EDB = 1,2-Dibromoethane
D.O. = Dissolved Oxygen; rounded to the nearest tenth
SPH = Separate-phase hydrocarbons
TOC = Top of casing (surveyed)
Calc. GW Elev. = Calculated groundwater elevation = TOC - Depth to Water + 0.75*(Measured SPH Thickness); assuming a specific gravity of 0.75 for SPH
ft-MSL = feet above mean sea level
mg/L = Milligrams per liter
µg/L = Micrograms per liter
< = Analyte was not detected above the specified method reporting limit
- = Not measured or analyzed
DRY = Well dry during gauging; not sampled
MD = Sampling & gauging performed over multiple days during this event
NP = Well not purged prior to sampling
VOL = Well not sampled due to insufficient volume of water in well

Table 2
Historical Groundwater Monitoring & Analytical Data
ARCO Service Station No. 465
151 Southgate Avenue, Daly City, California

Well No.	Date	Notes	TOC Elevation (feet)	Depth to Water (feet)	Measured SPH Thickness (feet)	Calc. GW Elev. (feet)	GRO (µg/L)	DRO (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE (µg/L)	TBA (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	Ethanol (µg/L)	1,2-DCA (µg/L)	EDB (µg/L)	Stoddard Solvent (µg/L)	D.O. (mg/L)	Comments
MW-1	04/01/92		-	-	-	-	28,000	-	5,300	190	63	4,800	NA	-	-	-	-	-	-	-	-	-	
	12/01/92			-	-	-	2,500	-	920	<0.5	<0.5	340	NA	-	-	-	-	-	-	-	-	-	
	03/01/93			-	-	-	3,200	-	820	<0.5	<0.5	320	NA	-	-	-	-	-	-	-	-	-	
	06/01/93			-	-	-	8,700	-	660	<0.5	<0.5	230	NA	-	-	-	-	-	-	-	-	-	
	08/01/93			-	-	-	1,500	-	450	<0.5	<0.5	120	NA	-	-	-	-	-	-	-	-	-	
	11/01/93			-	-	-	640	-	270	2.8	<0.5	69	NA	-	-	-	-	-	-	-	-	-	
	03/01/94			-	-	-	340	-	84	<0.5	<0.5	8.5	NA	-	-	-	-	-	-	-	-	-	
	04/01/94			-	-	-	520	-	130	<0.5	<0.5	12	NA	-	-	-	-	-	-	-	-	-	
	08/01/94			-	-	-	170	-	47	<0.5	<0.5	3.0	NA	-	-	-	-	-	-	-	-	-	
	12/01/94			-	-	-	<50	-	7.7	<0.5	<0.5	<0.5	NA	-	-	-	-	-	-	-	-	-	
	03/01/95			-	-	-	<50	-	4.9	<0.5	<0.5	0.70	NA	-	-	-	-	-	-	-	-	-	
	05/01/95			-	-	-	<50	-	<0.5	<0.5	<0.5	<0.5	NA	-	-	-	-	-	-	-	-	-	
	08/01/95			-	-	-	<50	-	<0.5	<0.5	<0.5	<0.5	<2.5	-	-	-	-	-	-	-	-	-	
	11/01/95			-	-	-	<50	-	<0.5	<0.5	<0.5	<0.5	NA	-	-	-	-	-	-	-	-	-	
	03/30/96		98.90	54.36	0.00	44.54	<50	-	<0.50	<0.50	<0.50	<0.50	<2.5	-	-	-	-	-	-	-	-	-	
	06/25/96			54.59	0.00	44.31	<50	-	<0.50	<0.50	<0.50	<0.50	<2.5	-	-	-	-	-	-	-	-	-	
	09/27/96			54.22	0.00	44.68	<50	-	0.60	<0.50	<0.50	<0.50	<2.5	-	-	-	-	-	-	-	-	-	
	12/14/96			54.18	0.00	44.72	<50	-	0.66	<0.50	<0.50	<0.50	<2.5	-	-	-	-	-	-	-	-	-	
	05/05/97	NP		54.15	0.00	44.75	<50	-	<0.50	<0.50	<0.50	<0.50	<2.5	-	-	-	-	-	-	-	-	-	
	07/11/97	NP		54.07	0.00	44.83	<50	-	<0.50	<0.50	<0.50	<0.50	<3.0	-	-	-	-	-	-	-	-	-	
	09/18/97	NP		54.10	0.00	44.80	<50	-	<0.50	<0.50	<0.50	<0.50	<3.0	-	-	-	-	-	-	-	-	-	
	12/04/97	NP		54.05	0.00	44.85	<50	-	<0.50	<0.50	<0.50	<0.50	<3.0	-	-	-	-	-	-	-	-	-	
	03/11/98	NP		54.06	0.00	44.84	<50	-	<0.50	<0.50	<0.50	0.50	<3.0	-	-	-	-	-	-	-	-	-	
	06/29/98	NP		54.01	0.00	44.89	<50	-	<0.50	<0.50	<0.50	<0.50	<3.0	-	-	-	-	-	-	-	-	-	
	09/15/98	NP		53.91	0.00	44.99	<50	-	0.50	0.90	<0.50	1.4	<3.0	-	-	-	-	-	-	-	-	-	
	12/16/98	NP		53.86	0.00	45.04	<50	-	<0.50	<0.50	<0.50	<0.50	3.0	-	-	-	-	-	-	-	-	-	
	02/15/99	NP		53.82	0.00	45.08	<50	-	<0.50	<0.50	<0.50	<0.50	<3.0	-	-	-	-	-	-	-	-	-	
	05/17/99	NP		53.91	0.00	44.99	<50	-	<0.50	<0.50	<0.50	<0.50	990	-	-	-	-	-	-	-	-	-	
	08/09/99	NP		53.88	0.00	45.02	<50	-	<0.50	0.50	<0.50	<0.50	<3.0	-	-	-	-	-	-	-	-	-	
	12/02/99	NP		54.05	0.00	44.85	<50	-	<0.50	<0.50	<0.50	<0.50	<3.0	-	-	-	-	-	-	-	-	-	
	03/22/00	NP		54.11	0.00	44.79	<50	-	<0.50	1.7	<0.50	1.5	<3.0	-	-	-	-	-	-	-	-	-	
	04/28/00	NP		54.16	0.00	44.74	<50	-	<0.50	<0.50	<0.50	<1.0	<3.0	-	-	-	-	-	-	-	-	-	
	09/21/00	INA		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	11/02/00	NP	99.63	54.59	0.00	45.04	<50	-	<0.50	0.95	<0.50	<0.50	<5.0	-	-	-	-	-	-	-	-	-	
	02/13/01	NP		54.51	0.00	45.12	<50	-	<0.50	<0.50	<0.50	<0.50	<1.0	-	-	-	-	-	-	-	-	-	
	06/21/01	NP		54.49	0.00	45.14	<50	-	<0.50	<0.50	<0.50	<0.50	21	-	-	-	-	-	-	-	-	-	
	12/31/01	NP		54.70	0.00	44.93	<50	-	<0.50	<0.50	<0.50	<0.50	4.8	-	-	-	-	-	-	-	-	-	
	03/18/02	NS		54.72	0.00	44.91	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	06/27/02	NP		54.63	0.00	45.00	<50	-	<0.50	<0.50	<0.50	<0.50	16	-	-	-	-	-	-	-	-	2.0	
	09/25/02	NP		54.60	0.00	45.03	<50	-	0.65	3.1	<0.50	1.2	37	-	-	-	-	-	-	-	<48	1.8	
	12/13/02	NP		54.60	0.00	45.03	<50	-	<0.50	<0.50	<0.50	<0.50	6.8	-	-	-	-	-	-	-	<47	1.4	
	03/28/03	NP		54.62	0.00	45.01	<50	-	<0.50	<0.50	<0.50	<0.50	7.0	<20	<0.50	<0.50	<0.50	<100	<0.50	<0.50	-	2.2	
	03/31/03	NS		54.57	0.00	45.06	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<49	-	
	05/06/03			54.51	0.00	45.12	<50	-	<0.50	<0.50	<0.50	<0.50	6.5	<20	<0.50	<0.50	<0.50	<100	-	-	<47	0.7	
	07/22/03			54.60	0.00	45.03	<50	-	<0.50	<0.50	<0.50	<0.50	7.9	<20	<0.50	<0.50	<0.50	<100	<0.50	<0.50	<51	1.4	
	10/21/03	NP		54.68	0.00	44.95	<50	150	<0.50	3.4	<0.50	2.6	22	<20	<0.50	<0.50	<0.50	<100	-	-	62	1.6	

Table 2
Historical Groundwater Monitoring & Analytical Data
ARCO Service Station No. 465
151 Southgate Avenue, Daly City, California

Well No.	Date	Notes	TOC Elevation (feet)	Depth to Water (feet)	Measured SPH Thickness (feet)	Calc. GW Elev. (feet)	GRO (µg/L)	DRO (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE (µg/L)	TBA (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	Ethanol (µg/L)	1,2-DCA (µg/L)	EDB (µg/L)	Stoddard Solvent (µg/L)	D.O. (mg/L)	Comments
MW-1	02/03/04	NP	99.63	54.62	0.00	45.01	<50	-	<0.50	<0.50	<0.50	<0.50	8.1	<20	<0.50	<0.50	<0.50	<100	<0.50	<0.50	<49	2.0	
	04/14/04	NP		54.64	0.00	44.99	72 N	-	<2.5	<2.5	<2.5	<2.5	96	<100	<5.0	<5.0	<5.0	<500	<2.5	<2.5	<47	1.7	
	07/20/04	NP		54.56	0.00	45.07	70	-	<0.50	<0.50	<0.50	<0.50	56	<20	<0.50	<0.50	<0.50	120	<0.50	<0.50	<50	1.1	
	10/29/04	NP		54.39	0.00	45.24	<250	56	<2.5	16	<2.5	13	200	<100	<2.5	<2.5	<2.5	<500	<2.5	<2.5	<50	1.8	
	01/11/05	NP		54.36	0.00	45.27	<500	-	<5.0	<5.0	<5.0	<5.0	130	<200	<5.0	<5.0	<5.0	<1,000	<5.0	<5.0	<49	1.2	
	05/03/05	NP		54.40	0.00	45.23	<250	-	<2.5	<2.5	<2.5	<2.5	200	<100	<2.5	<2.5	<2.5	<500	<2.5	<2.5	<50	1.4	
	08/03/05	NP		54.14	0.00	45.49	1,100	-	6.9	7.9	22	110	270	<200	<5.0	<5.0	<5.0	<1,000	<5.0	<5.0	<50	3.3	
	10/28/05	NP		54.00	0.00	45.63	<500	-	<5.0	13	<5.0	29	310	<200	<5.0	<5.0	<5.0	<1,000	<5.0	<5.0	<49	0.9	
	01/11/06	NP		54.15	0.00	45.48	<250	-	<2.5	<2.5	<2.5	<2.5	250	<100	<2.5	<2.5	<2.5	<1,500	<2.5	<2.5	<48	1.2	
	04/17/06	NP		54.11	0.00	45.52	360	-	<0.50	<0.50	<0.50	<0.50	700	<20	<0.50	<0.50	<0.50	<300	<0.50	<0.50	<48	2.3	
	07/18/06	NP		53.92	0.00	45.71	570	-	<10	<10	<10	<10	780	<400	<10	<10	<10	<6,000	<10	<10	<47	1.5	
	11/13/06			53.86	0.00	45.77	480	-	<5.0	<5.0	<5.0	<5.0	890	<200	<5.0	<5.0	<5.0	<3,000	<5.0	<5.0	<48	-	
	01/12/07	NP		53.81	0.00	45.82	540	-	<5.0	<5.0	<5.0	<5.0	1,000	<200	<5.0	<5.0	<5.0	<3,000	<5.0	<5.0	<48	3.6	
	04/16/07	NP		53.84	0.00	45.79	570 N	-	<5.0	<5.0	<5.0	<5.0	800	<200	<5.0	<5.0	<5.0	<3,000	<5.0	<5.0	<49	1.4	Past hold time (SS)
	07/06/07	NP		54.04	0.00	45.59	380 N	-	<2.5	<2.5	<2.5	<2.5	510	<100	<2.5	<2.5	<2.5	<1,500	<2.5	<2.5	<47	2.1	
	10/04/07	NP		54.21	0.00	45.42	260 N	-	<2.5	<2.5	<2.5	<2.5	450	<100	<2.5	<2.5	<2.5	<1,500	<2.5	<2.5	<47	1.3	
	01/21/08	NP		54.33	0.00	45.30	<500	-	<5.0	<5.0	<5.0	<5.0	250	<200	<5.0	<5.0	<5.0	<3,000	<5.0	<5.0	<50	3.0	
	04/17/08	NP		54.50	0.00	45.13	<50	-	<0.50	<0.50	<0.50	<0.50	190	15	<0.50	<0.50	<0.50	<300	<0.50	<0.50	<50	2.1	
	07/10/08	NP		54.45	0.00	45.18	<50	-	<2.5	<2.5	<2.5	<2.5	95	<50	<2.5	<2.5	<2.5	<1,500	<2.5	<2.5	<50	2.3	
	10/16/08	NP	99.58	54.52	0.00	45.06	<50	-	<2.0	<2.0	<2.0	<2.0	80	<40	<2.0	<2.0	<2.0	<1,200	<2.0	<2.0	98 N	2.3	
	01/22/09	NP		54.54	0.00	45.04	<50	-	<2.0	<2.0	<2.0	3.5	40	<40	<2.0	<2.0	<2.0	<1,200	<2.0	<2.0	<50	2.9	
	04/22/09	NP		54.61	0.00	44.97	<50	-	<0.50	<0.50	<0.50	<0.50	18	<10	<0.50	<0.50	<0.50	<300	<0.50	<0.50	<50	1.0	
	07/27/09	NP		54.75	0.00	44.83	<50	-	<0.50	<0.50	<0.50	<0.50	15	<10	<0.50	<0.50	<0.50	<300	<0.50	<0.50	<50	3.5	
	10/30/09	NP		54.80	0.00	44.78	<50	-	<0.50	<0.50	<0.50	<0.50	8.7	<10	<0.50	<0.50	<0.50	<300	<0.50	<0.50	<50	1.5	
	04/23/10			54.89	0.00	44.69	<50	-	<0.50	<0.50	<0.50	0.92	5.4	<10	<0.50	<0.50	<0.50	<300	<0.50	<0.50	-	0.4	
	10/28/10	NP		54.72	0.00	44.86	<50	-	<0.50	<0.50	<0.50	<0.50	4.7	<10	<0.50	<0.50	<0.50	<300	<0.50	<0.50	<50	0.1	Grab sample
	04/11/11	NP		54.87	0.00	44.71	<50	-	<0.50	<0.50	<0.50	<0.50	2.1	<10	<0.50	<0.50	<0.50	<300	<0.50	<0.50	<50	0.5	
	10/24/11		99.28	54.49	0.00	44.79	<50	-	<0.50	<0.50	<0.50	<0.50	4.7	<10	<0.50	<0.50	<0.50	<300	<0.50	<0.50	<50	0.6	
	04/04/12	NP		54.45	0.00	44.83	<50	-	<0.50	<0.50	<0.50	<0.50	0.93	<10	<0.50	<0.50	<0.50	<300	<0.50	<0.50	<50	2.0	
	07/25/12	‡, NP		54.73	0.00	44.55	<50	-	<0.50	<0.50	<0.50	<1.0	1.2	<10	<0.50	<0.50	<0.50	<150	<0.50	<0.50	<47	0.6	Grab sample
	10/03/12	‡, NP		54.80	0.00	44.48	<50	-	<0.50	<0.50	<0.50	<1.0	4.8	<10	<0.50	<0.50	<0.50	<150	<0.50	<0.50	<48	0.4	
	01/14/13	‡, NP		55.00	0.00	44.28	<50	-	<0.50	<0.50	<0.50	<1.0	3.3	<10	<0.50	<0.50	<0.50	<150	<0.50	<0.50	<48	0.4	
	04/01/13	‡, NP		55.50	0.00	43.78	<50	-	<0.50	<0.50	<0.50	<1.0	3.5	<10	<0.50	<0.50	<0.50	-	<0.50	<0.50	<47	0.2	
	07/25/13	MD, NP		55.57	0.00	43.71	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	07/26/13	‡		-	-	-	<50	-	<0.50	<0.50	<0.50	<1.0	0.88	<10	<0.50	<0.50	<0.50	<150	<0.50	<0.50	<48	-	Grab sample
	10/29/13	‡		55.10	0.00	44.18	<50	-	<0.50	<0.50	<0.50	<1.0	1.8	<10	<0.50	<0.50	<0.50	<150	<0.50	<0.50	<48	0.6	
	01/21/14	MD		55.22	0.00	44.06	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.1	
	01/22/14	‡		-	-	-	<50	-	<0.50	<0.50	<0.50	<1.0	5.0	<10	<0.50	<0.50	<0.50	-	<0.50	<0.50	<48	-	
	02/09/15	MD, NP		55.71	0.00	43.57	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1.9	
	02/12/15			-	-	-	<50	-	<0.50	<0.50	<0.50	<1.0	2.7	<10	<0.50	<0.50	<0.50	-	<0.50	<0.50	<51	-	Grab sample
MW-1R	02/09/15	MD	98.90	55.00	0.00	43.90	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1.4	
	02/13/15			-	-	-	<50	-	<0.50	<0.50	<0.50	<1.0	<0.50	<10	<0.50	<0.50	<0.50	-	<0.50	<0.50	<51	-	
	09/14/15			55.10	0.00	43.80	<50	-	<0.50	<0.50	<0.50	<1.0	<0.50	<10	<0.50	<0.50	<0.50	<150	<0.50	<0.50	<47	0.5	
	02/08/16	**MD**		**54.50**	**0.00**	**44.40**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**4.5**	
	02/10/16			**-**	**-**	**-**	**<50**	**-**	**<0.50**	**<0.50**	**<0.50**	**<1.0**	**<0.50**	**<10**	**<0.50**	**<0.50**	**<0.50**	**-**	**<0.50**	**<0.50**	**<47**	**-**	
MW-2	04/01/92		-	-	-	-	5,900	-	1,400	100	77	700	-	-	-	-	-	-	-	-	-	-	

Table 2
Historical Groundwater Monitoring & Analytical Data
ARCO Service Station No. 465
151 Southgate Avenue, Daly City, California

Well No.	Date	Notes	TOC Elevation (feet)	Depth to Water (feet)	Measured SPH Thickness (feet)	Calc. GW Elev. (feet)	GRO (µg/L)	DRO (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE (µg/L)	TBA (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	Ethanol (µg/L)	1,2-DCA (µg/L)	EDB (µg/L)	Stoddard Solvent (µg/L)	D.O. (mg/L)	Comments
MW-2	12/01/92		-	-	-	-	2,100	-	890	<0.5	<0.5	230	-	-	-	-	-	-	-	-	-	-	
	03/01/93			-	-	-	2,300	-	970	<0.5	<0.5	270	-	-	-	-	-	-	-	-	-	-	
	06/01/93			-	-	-	1,700	-	530	<0.5	<0.5	150	-	-	-	-	-	-	-	-	-	-	
	08/01/93			-	-	-	1,300	-	430	<0.5	<0.5	110	-	-	-	-	-	-	-	-	-	-	
	11/01/93			-	-	-	740	-	270	2.6	<0.5	83	-	-	-	-	-	-	-	-	-	-	
	03/01/94			-	-	-	580	-	98	1.2	<0.5	36	-	-	-	-	-	-	-	-	-	-	
	04/01/94			-	-	-	420	-	42	0.74	<0.5	24	-	-	-	-	-	-	-	-	-	-	
	08/01/94			-	-	-	120	-	5.4	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-	-	-	
	12/01/94			-	-	-	<50	-	3.2	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-	-	-	
	03/01/95			-	-	-	110	-	4.1	0.96	<0.5	5.6	-	-	-	-	-	-	-	-	-	-	
	05/01/95			-	-	-	<50	-	2.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-	-	-	
	08/01/95			-	-	-	<50	-	<0.5	<0.5	<0.5	<0.5	<2.5	-	-	-	-	-	-	-	-	-	
	11/01/95			-	-	-	<50	-	1.1	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-	-	-	
	03/30/96		99.10	54.11	0.00	44.99	<50	-	1.4	<0.50	<0.50	<0.50	<2.5	-	-	-	-	-	-	-	-	-	
	06/25/96			54.28	0.00	44.82	<50	-	3.1	<0.50	<0.50	<0.50	<2.5	-	-	-	-	-	-	-	-	-	
	09/27/96			54.01	0.00	45.09	<50	-	0.67	<0.50	<0.50	<0.50	<2.5	-	-	-	-	-	-	-	-	-	
	12/14/96			53.96	0.00	45.14	<50	-	0.61	<0.50	<0.50	<0.50	<2.5	-	-	-	-	-	-	-	-	-	
	05/05/97	NP		54.01	0.00	45.09	<50	-	0.94	<0.50	<0.50	<0.50	<2.5	-	-	-	-	-	-	-	-	-	
	07/11/97	NP		53.87	0.00	45.23	<50	-	<0.50	<0.50	<0.50	<0.50	<3.0	-	-	-	-	-	-	-	-	-	
	09/18/97	NP		53.83	0.00	45.27	<50	-	<0.50	<0.50	<0.50	<0.50	<3.0	-	-	-	-	-	-	-	-	-	
	12/04/97	NP		53.82	0.00	45.28	<50	-	<0.50	<0.50	<0.50	<0.50	<3.0	-	-	-	-	-	-	-	-	-	
	03/11/98	NP		53.83	0.00	45.27	<50	-	<0.50	<0.50	<0.50	<0.50	<3.0	-	-	-	-	-	-	-	-	-	
	06/29/98	NP		53.81	0.00	45.29	<50	-	<0.50	<0.50	<0.50	<0.50	<3.0	-	-	-	-	-	-	-	-	-	
	09/15/98	NP		53.68	0.00	45.42	<50	-	<0.50	<0.50	<0.50	<0.50	<3.0	-	-	-	-	-	-	-	-	-	
	12/16/98	NP		53.61	0.00	45.49	<50	-	<0.50	<0.50	<0.50	<0.50	<3.0	-	-	-	-	-	-	-	-	-	
	02/15/99	NP		53.60	0.00	45.50	<50	-	<0.50	<0.50	<0.50	<0.50	<3.0	-	-	-	-	-	-	-	-	-	
	05/17/99	NP		53.38	0.00	45.72	25,000	-	56	1,400	230	4,100	7,500	-	-	-	-	-	-	-	-	-	
	08/09/99	NP		53.67	0.00	45.43	55	-	<0.50	0.50	0.60	1.3	93	-	-	-	-	-	-	-	-	-	
	12/02/99	NP		53.79	0.00	45.31	<50	-	<0.50	<0.50	<0.50	<0.50	73	-	-	-	-	-	-	-	-	-	
	03/22/00	NP		53.89	0.00	45.21	<50	-	<0.50	1.3	<0.50	1.5	<3.0	-	-	-	-	-	-	-	-	-	
	04/28/00	NP		53.93	0.00	45.17	<50	-	<0.50	<0.50	<0.50	<1.0	<3.0	-	-	-	-	-	-	-	-	-	
	09/21/00	NP		53.90	0.00	45.20	<50 N	-	<0.50	1.1	<0.50	0.89	30	-	-	-	-	-	-	-	-	-	
	11/02/00	NP	99.62	54.56	0.00	45.06	217 N	-	1.8	16	1.5	13	290	-	-	-	-	-	-	-	-	-	
	02/13/01	NP		54.47	0.00	45.15	<50	-	<0.50	<0.50	<0.50	<0.50	1.9	-	-	-	-	-	-	-	-	-	
	06/21/01	NP		54.56	0.00	45.06	<50	-	<0.50	<0.50	<0.50	<0.50	4.8	-	-	-	-	-	-	-	-	-	
	12/31/01	NP		54.65	0.00	44.97	<50	-	<0.50	0.70	<0.50	1.1	450	-	-	-	-	-	-	-	-	-	
	03/18/02	NS		54.68	0.00	44.94	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	06/27/02	NP		54.60	0.00	45.02	<50	-	<0.50	<0.50	<0.50	<0.50	1.7	-	-	-	-	-	-	-	-	1.9	
	09/25/02	NP		54.58	0.00	45.04	<50	-	<0.50	<0.50	<0.50	<0.50	<0.50	-	-	-	-	-	-	-	<48	1.6	
	12/13/02	NP		54.55	0.00	45.07	<50	-	<0.50	<0.50	<0.50	<0.50	<0.50	-	-	-	-	-	-	-	<48	1.4	
	03/28/03	NP		54.56	0.00	45.06	350	-	2.5	51	1.2	100	2.9	<20	<0.50	<0.50	<0.50	<100	<0.50	<0.50	-	1.9	
	03/31/03	NS		54.54	0.00	45.08	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<47	-	
	05/06/03			54.47	0.00	45.15	<50	-	<0.50	1.9	<0.50	4.0	3.4	<20	<0.50	<0.50	<0.50	<100	-	-	<47	0.7	
	07/22/03			54.54	0.00	45.08	<50	-	<0.50	<0.50	<0.50	<0.50	2.0	<20	<0.50	<0.50	<0.50	<100	<0.50	<0.50	<52	1.3	
	10/21/03	NP		54.64	0.00	44.98	<50	<50	<0.50	<0.50	<0.50	<0.50	1.9	<20	<0.50	<0.50	<0.50	<100	-	-	<50	1.4	
	02/03/04	NP		54.56	0.00	45.06	3,500 N	-	6.4	370	35	1,100	200	<200	<5.0	<5.0	<5.0	<1,000	<5.0	<5.0	1,000	1.0	

Table 2
Historical Groundwater Monitoring & Analytical Data
ARCO Service Station No. 465
151 Southgate Avenue, Daly City, California

Well No.	Date	Notes	TOC Elevation (feet)	Depth to Water (feet)	Measured SPH Thickness (feet)	Calc. GW Elev. (feet)	GRO (µg/L)	DRO (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE (µg/L)	TBA (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	Ethanol (µg/L)	1,2-DCA (µg/L)	EDB (µg/L)	Stoddard Solvent (µg/L)	D.O. (mg/L)	Comments
MW-2	04/14/04	NP	99.62	54.59	0.00	45.03	76	-	<0.50	12	0.76	32	10	<20	<1.0	<1.0	<1.0	<100	<0.50	<0.50	<47	1.0	
	07/20/04	NP		54.50	0.00	45.12	<50	-	<0.50	<0.50	<0.50	<0.50	5.4	<20	<0.50	<0.50	<0.50	<100	<0.50	<0.50	<50	1.1	
	10/29/04	NP		54.41	0.00	45.21	<50	<50	<0.50	<0.50	<0.50	<0.50	8.7	<20	<0.50	<0.50	<0.50	<100	<0.50	<0.50	<50	3.7	
	01/11/05	NP		54.40	0.00	45.22	1,900	-	<5.0	220	31	610	16	<200	<5.0	<5.0	<5.0	<1,000	<5.0	<5.0	410	1.8	
	05/03/05	NP		54.25	0.00	45.37	250 N	-	<0.50	16	1.2	81	5.9	<20	<0.50	<0.50	<0.50	<100	<0.50	<0.50	50	1.3	
	08/03/05	NP		54.12	0.00	45.50	<50	-	<0.50	<0.50	0.76	3.7	17	<20	<0.50	<0.50	<0.50	<100	<0.50	<0.50	<50	1.1	
	10/28/05	NP		53.95	0.00	45.67	<50	-	<0.50	<0.50	<0.50	<0.50	35	<20	<0.50	<0.50	<0.50	<100	<0.50	<0.50	<47	1.3	
	01/11/06	NP		54.00	0.00	45.62	86 N	-	<0.50	0.79	<0.50	17	29	<20	<0.50	<0.50	<0.50	<300	<0.50	<0.50	84	1.0	
	04/17/06	NP		54.05	0.00	45.57	84	-	<0.50	1.4	<0.50	15	52	<20	<0.50	<0.50	<0.50	<300	<0.50	<0.50	<47	1.2	
	07/18/06	NP		53.88	0.00	45.74	73	-	<0.50	<0.50	<0.50	<0.50	77	<20	<0.50	<0.50	<0.50	<300	<0.50	<0.50	<47	1.5	
	11/13/06			53.81	0.00	45.81	54	-	<0.50	<0.50	<0.50	<0.50	130	<20	<0.50	<0.50	<0.50	<300	<0.50	<0.50	<50	-	
	01/12/07			53.80	0.00	45.82	79	-	<0.50	<0.50	<0.50	<0.50	150	<20	<0.50	<0.50	<0.50	<300	<0.50	<0.50	<49	0.7	
	04/16/07	NP		53.89	0.00	45.73	210 N	-	<2.5	<2.5	<2.5	<2.5	260	<100	<2.5	<2.5	<2.5	<1,500	<2.5	<2.5	<49	1.0	Past hold time (SS)
	07/06/07	NP		54.00	0.00	45.62	290 N	-	<1.0	<1.0	<1.0	<1.0	380	<40	<1.0	<1.0	<1.0	<600	<1.0	<1.0	<47	2.0	
	10/04/07	NP		54.16	0.00	45.46	260 N	-	<2.5	<2.5	<2.5	<2.5	470	<100	<2.5	<2.5	<2.5	<1,500	<2.5	<2.5	<47	1.6	
	01/21/08	NP		54.31	0.00	45.31	<250	-	<2.5	<2.5	<2.5	<2.5	370	<100	<2.5	<2.5	<2.5	<1,500	<2.5	<2.5	<47	2.5	
	04/17/08	NP		54.42	0.00	45.20	68	-	<0.50	<0.50	<0.50	27	480	44	<0.50	<0.50	<0.50	<300	<0.50	<0.50	60 N	3.1	
	07/10/08	NP		54.41	0.00	45.21	<50	-	<10	<10	<10	<10	670	<200	<10	<10	<10	<6,000	<10	<10	<50	1.4	
	10/16/08	NP		54.45	0.00	45.17	<50	-	<10	<10	<10	<10	680	<200	<10	<10	<10	<6,000	<10	<10	62 N	2.0	
	01/22/09	NP		54.50	0.00	45.12	<50	-	<10	<10	<10	<10	630	<200	<10	<10	<10	<6,000	<10	<10	<50	2.0	
	04/22/09	NP		54.48	0.00	45.14	110	-	<10	<10	<10	<10	450	<200	<10	<10	<10	<6,000	<10	<10	<50	1.0	
	07/27/09	NP		54.73	0.00	44.89	270 N	-	<10	<10	<10	<10	370	<200	<10	<10	<10	<6,000	<10	<10	<50	1.0	
	10/30/09	NP		55.90	0.00	43.72	73 N	-	<10	<10	<10	<10	460	<200	<10	<10	<10	<6,000	<10	<10	<50	1.4	
	04/23/10			54.85	0.00	44.77	<50	-	<10	<10	<10	<10	450	<200	<10	<10	<10	<6,000	<10	<10	-	0.1	
	10/28/10	NP		54.65	0.00	44.97	<50	-	<10	<10	<10	<10	340	<200	<10	<10	<10	<6,000	<10	<10	<50	0.1	Grab sample
	04/11/11	NP		54.72	0.00	44.90	<50	-	<4.0	<4.0	<4.0	<4.0	190	<80	<4.0	<4.0	<4.0	<2,400	<4.0	<4.0	<50	0.8	
	10/24/11	MD, NP	99.38	54.44	0.00	44.94	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.8	
	10/25/11			-	-	-	<50	-	<2.0	<2.0	<2.0	<2.0	100	<40	<2.0	<2.0	<2.0	<1,200	<2.0	<2.0	<50	-	
	04/04/12	MD, NP		54.39	0.00	44.99	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.2	
	04/05/12			-	-	-	<50	-	<0.50	<0.50	<0.50	<0.50	45	<10	<0.50	<0.50	<0.50	<300	<0.50	<0.50	<50	-	
	07/25/12	MD, NP		54.64	0.00	44.74	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	07/26/12	‡		-	-	-	<50	-	<0.50	<0.50	<0.50	<1.0	78	<10	<0.50	<0.50	<0.50	<150	<0.50	<0.50	<47	-	Grab sample
	10/03/12	‡, NP		54.71	0.00	44.67	<50	-	<0.50	<0.50	<0.50	<1.0	330	58	<0.50	<0.50	<0.50	<150	<0.50	<0.50	<48	0.7	
	01/14/13	‡, NP		54.80	0.00	44.58	<50	-	<0.50	<0.50	<0.50	<1.0	110	<10	<0.50	<0.50	<0.50	<150	<0.50	<0.50	<48	0.4	
	04/01/13	‡, NP		55.20	0.00	44.18	<50	-	<0.50	<0.50	<0.50	<1.0	32	<10	<0.50	<0.50	<0.50	-	<0.50	<0.50	<47	0.5	
	07/25/13	MD, NP		55.38	0.00	44.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	07/26/13	‡		-	-	-	<50	-	<0.50	<0.50	<0.50	<1.0	16	<10	<0.50	<0.50	<0.50	<150	<0.50	<0.50	<47	-	Grab sample
	10/29/13	‡		54.92	0.00	44.46	<50	-	<0.50	<0.50	<0.50	<1.0	24	<10	<0.50	<0.50	<0.50	<150	<0.50	<0.50	<48	0.9	
	01/21/14	MD		55.13	0.00	44.25	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.5	
	01/22/14	‡		-	-	-	<50	-	<0.50	<0.50	<0.50	<1.0	21	<10	<0.50	<0.50	<0.50	-	<0.50	<0.50	<47	-	
	02/12/15	NP		55.54	0.00	43.84	<50	-	<0.50	<0.50	<0.50	<1.0	3.8	<10	<0.50	<0.50	<0.50	-	<0.50	<0.50	<52	0.4	Grab sample
	02/08/16	**MD**		**55.08**	**0.00**	**44.30**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**1.9**	
	02/10/16			**-**	**-**	**-**	**<50**	**-**	**<0.50**	**<0.50**	**<0.50**	**<1.0**	**<0.50**	**<10**	**<0.50**	**<0.50**	**<0.50**	**-**	**<0.50**	**<0.50**	**<48**	**-**	
MW-3D	04/01/92		-	-	-	-	<50	-	0.51	0.65	<0.5	0.56	-	-	-	-	-	-	-	-	-	-	
	04/01/92	DUP		-	-	-	55	-	0.60	0.72	<0.5	<0.5	-	-	-	-	-	-	-	-	-	-	
	12/01/92			-	-	-	190	-	11	3.0	<0.5	3.9	-	-	-	-	-	-	-	-	-	-	

Table 2
Historical Groundwater Monitoring & Analytical Data
ARCO Service Station No. 465
151 Southgate Avenue, Daly City, California

Well No.	Date	Notes	TOC Elevation (feet)	Depth to Water (feet)	Measured SPH Thickness (feet)	Calc. GW Elev. (feet)	GRO (µg/L)	DRO (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE (µg/L)	TBA (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	Ethanol (µg/L)	1,2-DCA (µg/L)	EDB (µg/L)	Stoddard Solvent (µg/L)	D.O. (mg/L)	Comments
MW-3D	01/01/93		-	-	-	-	110	-	5.5	5.8	0.65	4.0	-	-	-	-	-	-	-	-	-	-	
	01/01/93	DUP		-	-	-	490	-	6.0	8.0	0.80	5.0	-	-	-	-	-	-	-	-	-	-	
	03/01/93			-	-	-	52	-	2.6	2.3	<0.5	4.4	-	-	-	-	-	-	-	-	-	-	
	06/01/93			-	-	-	<50	-	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-	-	-	
	08/01/93			-	-	-	<50	-	1.8	1.4	<0.5	3.1	-	-	-	-	-	-	-	-	-	-	
	11/01/93			-	-	-	<50	-	<0.3	<0.3	<0.5	<0.3	-	-	-	-	-	-	-	-	-	-	
	03/01/94			-	-	-	<50	-	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-	-	-	
	04/01/94			-	-	-	<50	-	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-	-	-	
	08/01/94			-	-	-	<50	-	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-	-	-	
	12/01/94			-	-	-	<50	-	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-	-	-	
	03/01/95			-	-	-	<50	-	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-	-	-	
	05/01/95			-	-	-	<50	-	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-	-	-	
	08/01/95			-	-	-	<50	-	<0.5	<0.5	<0.5	<0.5	<2.5	-	-	-	-	-	-	-	-	-	
	11/01/95			-	-	-	<50	-	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-	-	-	
	03/30/96		101.45	180.73	0.00	-79.28	<50	-	<0.50	<0.50	<0.50	<0.50	<2.5	-	-	-	-	-	-	-	-	-	
	06/25/96			180.38	0.00	-78.93	<50	-	<0.50	<0.50	<0.50	<0.50	<2.5	-	-	-	-	-	-	-	-	-	
	09/27/96			181.81	0.00	-80.36	<50	-	<0.50	<0.50	<0.50	<0.50	<2.5	-	-	-	-	-	-	-	-	-	
	12/14/96			181.48	0.00	-80.03	<50	-	<0.50	<0.50	<0.50	<0.50	<2.5	-	-	-	-	-	-	-	-	-	
	05/05/97			181.58	0.00	-80.13	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	07/11/97			182.10	0.00	-80.65	<50	-	<0.50	<0.50	<0.50	<0.50	<3.0	-	-	-	-	-	-	-	-	-	
	09/18/97			182.48	0.00	-81.03	<50	-	<0.50	<0.50	<0.50	<0.50	<3.0	-	-	-	-	-	-	-	-	-	
	12/04/97			181.82	0.00	-80.37	<50	-	<0.50	<0.50	<0.50	<0.50	<3.0	-	-	-	-	-	-	-	-	-	
	03/11/98			181.14	0.00	-79.69	<50	-	<0.50	<0.50	<0.50	<0.50	<3.0	-	-	-	-	-	-	-	-	-	
	06/29/98	NP		181.09	0.00	-79.64	<50	-	<0.50	<0.50	<0.50	<0.50	<3.0	-	-	-	-	-	-	-	-	-	
	09/15/98	NP		181.38	0.00	-79.93	<50	-	<0.50	<0.50	<0.50	<0.50	<3.0	-	-	-	-	-	-	-	-	-	
	12/16/98	NP		180.72	0.00	-79.27	<50	-	<0.50	<0.50	<0.50	<0.50	<3.0	-	-	-	-	-	-	-	-	-	
	02/15/99	INA		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	05/17/99	NP		180.02	0.00	-78.57	<50	-	<0.50	<0.50	<0.50	<0.50	5.0	-	-	-	-	-	-	-	-	-	
	08/09/99	NP		180.75	0.00	-79.30	<50	-	<0.50	<0.50	<0.50	<0.50	<3.0	-	-	-	-	-	-	-	-	-	
	12/02/99			180.36	0.00	-78.91	<50	-	<0.50	<0.50	<0.50	<0.50	<3.0	-	-	-	-	-	-	-	-	-	
	03/22/00	INA		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	04/28/00			179.52	0.00	-78.07	<50	-	<0.50	0.70	<0.50	<1.0	<3.0	-	-	-	-	-	-	-	-	-	
	09/21/00			179.98	0.00	-78.53	<50 N	-	<0.50	<0.50	<0.50	<0.50	<5.0	-	-	-	-	-	-	-	-	-	
	11/02/00			180.10	0.00	-78.65	<50 N	-	<0.50	<0.50	<0.50	<0.50	<5.0	-	-	-	-	-	-	-	-	-	
	02/13/01			178.35	0.00	-76.90	<50	-	<0.50	<0.50	<0.50	<0.50	<1.0	-	-	-	-	-	-	-	-	-	
	06/21/01			179.43	0.00	-77.98	<50	-	<0.50	<0.50	<0.50	<0.50	<2.0	-	-	-	-	-	-	-	-	-	
	12/31/01			179.05	0.00	-77.60	<50	-	<0.50	<0.50	<0.50	<0.50	<1.0	-	-	-	-	-	-	-	-	-	
	03/18/02	INA		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	06/27/02	DRY		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	09/25/02	DRY		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	12/13/02	DRY		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	03/28/03	INA		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	03/31/03	INA		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	05/06/03			174.96	0.00	-73.51	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	05/23/03			173.93	0.00	-72.48	<50	-	<0.50	<0.50	<0.50	<0.50	<0.50	20	<0.50	<0.50	<0.50	<100	-	-	<50	1.7	
	07/22/03			174.00	0.00	-72.55	<50	-	<0.50	<0.50	<0.50	<0.50	<0.50	<20	<0.50	<0.50	<0.50	<100	<0.50	<0.50	<52	1.7	

Table 2
Historical Groundwater Monitoring & Analytical Data
ARCO Service Station No. 465
151 Southgate Avenue, Daly City, California

Well No.	Date	Notes	TOC Elevation (feet)	Depth to Water (feet)	Measured SPH Thickness (feet)	Calc. GW Elev. (feet)	GRO (µg/L)	DRO (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE (µg/L)	TBA (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	Ethanol (µg/L)	1,2-DCA (µg/L)	EDB (µg/L)	Stoddard Solvent (µg/L)	D.O. (mg/L)	Comments
MW-3D	10/21/03		101.45	173.27	0.00	-71.82	<50	120	<0.50	<0.50	<0.50	<0.50	<0.50	<20	<0.50	<0.50	<0.50	<100	-	-	<48	1.7	
	02/03/04	INA		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	04/14/04			170.90	0.00	-69.45	<50	-	<0.50	<0.50	<0.50	<0.50	<0.50	<20	<1.0	<1.0	<1.0	<100	<0.50	<0.50	<47	1.5	
	07/20/04			170.85	0.00	-69.40	<50	-	<0.50	<0.50	<0.50	<0.50	<0.50	<20	<0.50	<0.50	<0.50	<100	<0.50	<0.50	<48	0.8	
	10/29/04			168.51	0.00	-67.06	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<20	<0.50	<0.50	<0.50	<100	<0.50	<0.50	<50	3.0	
	01/11/05			166.20	0.00	-64.75	<50	-	<0.50	<0.50	<0.50	<0.50	<0.50	<20	<0.50	<0.50	<0.50	<100	<0.50	<0.50	<48	1.2	
	05/03/05	INA		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	08/03/05	INA		161.90	0.00	-60.45	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	10/28/05			160.15	0.00	-58.70	<250	-	<2.5	<2.5	<2.5	<2.5	220	<100	<2.5	<2.5	4.6	<500	<2.5	<2.5	<48	1.2	
	12/20/05			159.28	0.00	-57.83	<50	-	<0.50	<0.50	<0.50	<0.50	<0.50	<20	<0.50	<0.50	<0.50	<100	<0.50	<0.50	-	1.6	
	01/11/06	NSP		158.74	0.00	-57.29	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	04/17/06	NSP		157.12	0.00	-55.67	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	07/18/06			155.57	0.00	-54.12	<50	-	<0.50	<0.50	<0.50	<0.50	<0.50	<20	<0.50	<0.50	<0.50	<300	<0.50	<0.50	<47	1.4	
	11/13/06	NSP		154.44	0.00	-52.99	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	01/12/07	NSP		153.06	0.00	-51.61	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	04/16/07	NSP		151.73	0.00	-50.28	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	07/06/07			154.08	0.00	-52.63	<50	-	<0.50	<0.50	<0.50	<0.50	<0.50	<20	<0.50	<0.50	<0.50	<300	<0.50	<0.50	<47	2.2	
	10/04/07	NSP		154.91	0.00	-53.46	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	01/21/08	NSP		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	Vehicle parked over
	04/17/08	NSP		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	Vehicle parked over
	07/10/08	NSP		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	Gauging overlooked
	10/16/08		101.78	159.40	0.00	-57.62	<50	-	<0.50	1.1	<0.50	<0.50	<0.50	<10	<0.50	<0.50	<0.50	<300	<0.50	<0.50	60 N	4.9	Anomalous data
	11/03/08			157.93	0.00	-56.15	<50	-	<0.50	<.50	<0.50	<0.50	<0.50	<10	<0.50	<0.50	<0.50	<300	<0.50	<0.50	<50	14.9	Resample
	01/22/09	NSP		159.43	0.00	-57.65	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	04/22/09	NSP		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	Well not gauged
	07/27/09	NSP		155.97	0.00	-54.19	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	10/30/09			154.15	0.00	-52.37	<50	-	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<0.50	<0.50	<0.50	<300	<0.50	<0.50	<50	1.1	
	04/23/10	NSP		155.30	0.00	-53.52	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	10/28/10			151.40	0.00	-49.62	<50	-	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<0.50	<0.50	<0.50	<300	<0.50	<0.50	<50	0.4	
	04/11/11	NSP		149.67	0.00	-47.89	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	10/24/11	MD	102.49	153.46	0.00	-50.97	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1.4	
	10/25/11			-	-	-	<50	-	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<0.50	<0.50	<0.50	<300	<0.50	<0.50	<50	-	
	04/04/12	NSP		154.17	0.00	-51.68	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	07/25/12	NSP		155.48	0.00	-52.99	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	10/03/12	MD		155.80	0.00	-53.31	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	10/04/12	‡		-	-	-	<50	-	<0.50	<0.50	<0.50	<1.0	<0.50	<10	<0.50	<0.50	<0.50	<150	<0.50	<0.50	<48	-	
	01/14/13	MD		155.93	0.00	-53.44	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	01/15/13	‡		-	-	-	<50	-	<0.50	<0.50	<0.50	<1.0	<0.50	<10	<0.50	<0.50	<0.50	<150	<0.50	<0.50	<48	-	
	04/01/13	‡		155.10	0.00	-52.61	<50	-	<0.50	<0.50	<0.50	<1.0	3.7	<10	<0.50	<0.50	<0.50	-	<0.50	<0.50	76	-	
	04/24/13	‡		157.86	0.00	-55.37	<50	-	<0.50	<0.50	<0.50	<1.0	<0.50	<10	<0.50	<0.50	<0.50	<150	<0.50	<0.50	<51	-	
	07/25/13	MD		156.67	0.00	-54.18	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	07/26/13	‡		-	-	-	<50	-	<0.50	<0.50	<0.50	<1.0	<0.50	<10	<0.50	<0.50	<0.50	<150	<0.50	<0.50	<47	-	
	10/29/13	MD		157.38	0.00	-54.89	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	10/30/13	‡		-	-	-	<50	-	<0.50	<0.50	1.6	<1.0	<0.50	<10	<0.50	<0.50	<0.50	<150	<0.50	<0.50	74	-	
	12/04/13	‡		157.63	0.00	-55.14	<50	-	<0.50	<0.50	<0.50	<1.0	<0.50	<10	<0.50	<0.50	<0.50	-	<0.50	<0.50	<51	0.2	
	01/21/14	‡		156.76	0.00	-54.27	<50	-	<0.50	<0.50	<0.50	<1.0	0.54	640	<0.50	<0.50	<0.50	-	<0.50	<0.50	120	-	

Table 2
Historical Groundwater Monitoring & Analytical Data
ARCO Service Station No. 465
151 Southgate Avenue, Daly City, California

Well No.	Date	Notes	TOC Elevation (feet)	Depth to Water (feet)	Measured SPH Thickness (feet)	Calc. GW Elev. (feet)	GRO (µg/L)	DRO (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE (µg/L)	TBA (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	Ethanol (µg/L)	1,2-DCA (µg/L)	EDB (µg/L)	Stoddard Solvent (µg/L)	D.O. (mg/L)	Comments
MW-3D	02/04/14	‡	102.49	157.12	0.00	-54.63	<50	-	<0.50	<0.50	<0.50	<1.0	<0.50	37	<0.50	<0.50	<0.50	-	<0.50	<0.50	<47	-	
	02/09/15	MD		158.20	0.00	-55.71	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	02/10/15			-	-	-	<50	-	<0.50	<0.50	<0.50	<1.0	<0.50	36	<0.50	<0.50	<0.50	-	<0.50	<0.50	160	-	Stoddard Solvent data invalid
	06/16/15	MD		156.90	0.00	-54.41	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5.9	
	06/17/15			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<51	-	
	06/18/15			-	-	-	<50	-	<0.50	<0.50	<0.50	<1.0	<0.50	<10	<0.50	<0.50	<0.50	<150	<0.50	<0.50	-	-	
	09/14/15	MD		156.98	0.00	-54.49	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	09/16/15			-	-	-	<50	-	<0.50	<0.50	<0.50	<1.0	<0.50	<10	<0.50	<0.50	<0.50	<150	<0.50	<0.50	<48	-	
	12/02/15	**MD**		**156.98**	**0.00**	**-54.49**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	
	12/04/15			**-**	**-**	**-**	**<50**	**-**	**<0.50**	**<0.50**	**<0.50**	**<1.0**	**<0.50**	**<10**	**<0.50**	**<0.50**	**<0.50**	**<150**	**<0.50**	**<0.50**	**<47**	**-**	
	02/08/16	**MD**		**155.98**	**0.00**	**-53.49**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	
	02/10/16			**-**	**-**	**-**	**<50**	**-**	**<0.50**	**<0.50**	**<0.50**	**<1.0**	**<0.50**	**11**	**<0.50**	**<0.50**	**<0.50**	**-**	**<0.50**	**<0.50**	**<47**	**-**	
MW-4	06/01/93		-	-	-	-	1,900	-	180	30	<0.5	230	-	-	-	-	-	-	-	-	-	-	
	08/01/93			-	-	-	690	-	260	<0.5	<0.5	13	-	-	-	-	-	-	-	-	-	-	
	11/01/93			-	-	-	<50	-	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-	-	-	
	03/01/94			-	-	-	<50	-	4.2	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-	-	-	
	04/01/94			-	-	-	<50	-	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-	-	-	
	08/01/94			-	-	-	<50	-	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-	-	-	
	12/01/94			-	-	-	<50	-	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-	-	-	
	03/01/95			-	-	-	<50	-	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-	-	-	
	05/01/95			-	-	-	<50	-	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-	-	-	
	08/01/95			-	-	-	<50	-	<0.5	<0.5	<0.5	<0.5	<2.5	-	-	-	-	-	-	-	-	-	
	11/01/95			-	-	-	<50	-	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-	-	-	
	03/30/96		101.03	56.14	0.00	44.89	<50	-	<0.50	<0.50	<0.50	<0.50	<2.5	-	-	-	-	-	-	-	-	-	
	06/25/96			56.09	0.00	44.94	<50	-	<0.50	<0.50	<0.50	<0.50	<2.5	-	-	-	-	-	-	-	-	-	
	09/27/96			56.04	0.00	44.99	<50	-	<0.50	<0.50	<0.50	<0.50	<2.5	-	-	-	-	-	-	-	-	-	
	12/14/96			56.01	0.00	45.02	<50	-	<0.50	<0.50	<0.50	<0.50	<2.5	-	-	-	-	-	-	-	-	-	
	05/05/97	NP		55.85	0.00	45.18	<50	-	<0.50	<0.50	<0.50	<0.50	<2.5	-	-	-	-	-	-	-	-	-	
	07/11/97	NP		55.86	0.00	45.17	<50	-	<0.50	<0.50	<0.50	<0.50	<3.0	-	-	-	-	-	-	-	-	-	
	09/18/97	NP		55.84	0.00	45.19	<50	-	<0.50	<0.50	<0.50	<0.50	<3.0	-	-	-	-	-	-	-	-	-	
	12/04/97	NP		55.86	0.00	45.17	<50	-	<0.50	<0.50	<0.50	<0.50	<3.0	-	-	-	-	-	-	-	-	-	
	03/11/98	NP		55.82	0.00	45.21	<50	-	<0.50	<0.50	<0.50	<0.50	<3.0	-	-	-	-	-	-	-	-	-	
	06/29/98	NP		55.78	0.00	45.25	<50	-	<0.50	<0.50	<0.50	<0.50	<3.0	-	-	-	-	-	-	-	-	-	
	09/15/98	NP		55.64	0.00	45.39	<50	-	<0.50	<0.50	<0.50	<0.50	<3.0	-	-	-	-	-	-	-	-	-	
	12/16/98	NP		55.64	0.00	45.39	<50	-	<0.50	<0.50	<0.50	<0.50	<3.0	-	-	-	-	-	-	-	-	-	
	02/15/99	NP		55.62	0.00	45.41	<50	-	<0.50	<0.50	<0.50	<0.50	<3.0	-	-	-	-	-	-	-	-	-	
	05/17/99	NP		55.69	0.00	45.34	<50	-	<0.50	0.80	0.60	4.0	<3.0	-	-	-	-	-	-	-	-	-	
	08/09/99	NP		55.68	0.00	45.35	<50	-	0.60	<0.50	<0.50	<0.50	<3.0	-	-	-	-	-	-	-	-	-	
	12/02/99	NP		55.79	0.00	45.24	<50	-	5.7	<0.50	<0.50	<0.50	3.0	-	-	-	-	-	-	-	-	-	
	03/22/00	NP		55.88	0.00	45.15	95	-	15	2.7	0.80	2.6	18	-	-	-	-	-	-	-	-	-	
	04/28/00	NP		55.91	0.00	45.12	110	-	32	0.80	<0.50	<1.0	30	-	-	-	-	-	-	-	-	-	
	09/21/00	NP		56.03	0.00	45.00	195 N	-	80	1.3	<1.00	1.8	130	-	-	-	-	-	-	-	-	-	
	11/02/00	NP		56.07	0.00	44.96	184 N	-	83	1.3	<1.00	1.6	120	-	-	-	-	-	-	-	-	-	
	02/13/01	NP		56.00	0.00	45.03	150	-	47	<0.50	<0.50	1.6	270	-	-	-	-	-	-	-	-	-	
	06/21/01	NP		55.95	0.00	45.08	130	-	33	<0.50	<0.50	0.66	540	-	-	-	-	-	-	-	-	-	
	12/31/01	NP		56.13	0.00	44.90	150	-	13	<0.50	<0.50	0.81	1,600	-	-	-	-	-	-	-	-	-	

Table 2
Historical Groundwater Monitoring & Analytical Data
ARCO Service Station No. 465
151 Southgate Avenue, Daly City, California

Well No.	Date	Notes	TOC Elevation (feet)	Depth to Water (feet)	Measured SPH Thickness (feet)	Calc. GW Elev. (feet)	GRO (µg/L)	DRO (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE (µg/L)	TBA (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	Ethanol (µg/L)	1,2-DCA (µg/L)	EDB (µg/L)	Stoddard Solvent (µg/L)	D.O. (mg/L)	Comments
MW-4	03/18/02	NS	101.03	56.17	0.00	44.86	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	06/27/02	NP		56.00	0.00	45.03	140	-	0.82	0.58	<0.50	<0.50	2,200	-	-	-	-	-	-	-	-	1.2	
	09/25/02	NP		56.05	0.00	44.98	2,600 N	-	20	<10	<10	19	4,400	-	-	-	-	-	-	-	<48	2.0	
	12/13/02			56.05	0.00	44.98	670	-	<2.5	<2.5	<2.5	<2.5	7,300	-	-	-	-	-	-	-	<50	1.0	
	03/28/03	NP		55.95	0.00	45.08	<50,000	-	<500	<500	<500	<500	13,000	<20,000	<500	<500	<500	<100,000	<500	<500	-	1.5	
	03/31/03	NS		56.03	0.00	45.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<50	-	
	05/06/03			56.10	0.00	44.93	<50,000	-	<500	<500	<500	<500	12,000	<20,000	<500	<500	<500	<100,000	-	-	49	1.3	
	07/22/03			55.99	0.00	45.04	35,000	-	<250	<250	<250	<250	20,000	<10,000	<250	<250	<250	<50,000	<250	<250	58	1.2	
	10/21/03	NP		56.12	0.00	44.91	32,000	84	<250	<250	<250	300	30,000	<10,000	<250	<250	<250	<50,000	-	-	<50	1.1	
	02/03/04	NP		56.08	0.00	44.95	41,000	-	<250	<250	<250	<250	23,000	<10,000	<250	<250	<250	<50,000	<250	<250	<49	1.0	
	04/14/04			56.04	0.00	44.99	5,800 N	-	<1,000	<1,000	<1,000	<1,000	23,000	<40,000	<2,000	<2,000	<2,000	<200,000	<1,000	<1,000	<47	1.2	
	07/20/04	NP		56.00	0.00	45.03	<50,000	-	<500	<500	<500	<500	12,000	21,000	<500	<500	<500	<100,000	<500	<500	<50	1.0	
	10/29/04	NP		55.80	0.00	45.23	<10,000	330	<100	<100	<100	<100	11,000	19,000	<100	<100	<100	<20,000	<100	<100	<50	3.7	
	01/11/05	NP		55.85	0.00	45.18	<25,000	-	<250	<250	<250	<250	8,100	21,000	<250	<250	<250	<50,000	<250	<250	<50	1.3	
	05/03/05	NP		55.84	0.00	45.19	11,000 N	-	<100	<100	<100	<100	11,000	28,000	<100	<100	<100	<20,000	<100	<100	64	1.5	
	08/03/05	NP		55.58	0.00	45.45	<10,000	-	<100	<100	<100	400	4,900	21,000	<100	<100	<100	<20,000	<100	<100	<50	2.9	
	10/28/05	NP		55.50	0.00	45.53	<5,000	-	<50	<50	<50	<50	950	11,000	<50	<50	<50	<10,000	<50	<50	<47	1.3	
	01/11/06	NP		55.43	0.00	45.60	<1,000	-	<10	<10	<10	<10	740	2,700	<10	<10	<10	<6,000	<10	<10	<48	0.8	
	04/17/06	NP		55.47	0.00	45.56	3,900	-	<25	<25	<25	<25	4,600	5,200	<25	<25	<25	<15,000	<25	<25	<49	1.9	
	07/18/06	NP		55.38	0.00	45.65	9,300	-	<100	<100	<100	<100	9,300	18,000	<100	<100	<100	<60,000	<100	<100	<47	0.9	
	11/13/06			55.32	0.00	45.71	450	-	<10	<10	<10	<10	620	2,300	<10	<10	<10	<6,000	<10	<10	<49	-	
	01/12/07			55.23	0.00	45.80	1,400	-	<10	<10	<10	<10	2,500	2,900	<10	<10	<10	<6,000	<10	<10	<49	1.1	
	04/16/07	NP		55.28	0.00	45.75	1,900 N	-	<10	<10	<10	<10	2,600	2,700	<10	<10	<10	<6,000	<10	<10	<51	1.5	Past hold time (SS)
	07/06/07	NP		55.44	0.00	45.59	6,600 N	-	<50	<50	<50	<50	9,800	8,900	<50	<50	<50	<30,000	<50	<50	<47	2.1	
	10/04/07	NP		55.66	0.00	45.37	9,800 N	-	<50	<50	<50	<50	16,000	22,000	<50	<50	<50	<30,000	<50	<50	<47	1.0	
	01/21/08	NP		55.81	0.00	45.22	<2,500	-	<25	<25	<25	<25	1,900	14,000	<25	<25	<25	<15,000	<25	<25	<48	2.8	
	04/17/08	NP		55.89	0.00	45.14	66	-	3.7	<0.50	<0.50	0.63	3,200	6,300	<0.50	<0.50	1.8	<300	<0.50	<0.50	54 N	2.1	
	07/10/08	NP		55.81	0.00	45.22	<50	-	<10	<10	<10	<10	510	1,900	<10	<10	<10	<6,000	<10	<10	100	4.3	
	10/16/08	NP	101.09	55.96	0.00	45.13	<50	-	<10	<10	<10	<10	390	<200	<10	<10	<10	<6,000	<10	<10	<50	3.4	
	01/22/09	NP		55.98	0.00	45.11	<50	-	<10	<10	<10	<10	470	<200	<10	<10	<10	<6,000	<10	<10	<50	3.7	
	04/22/09	NP		56.10	0.00	44.99	220	-	<10	<10	<10	<10	1,400	600	<10	<10	<10	<6,000	<10	<10	<50	0.5	
	07/27/09	NP		56.22	0.00	44.87	630 N	-	<25	<25	<25	<25	1,000	<500	<25	<25	<25	<15,000	<25	<25	<50	1.5	
	10/30/09	NP		56.30	0.00	44.79	140 N	-	<20	<20	<20	<20	1,200	<400	<20	<20	<20	<12,000	<20	<20	<50	1.5	
	04/23/10			56.32	0.00	44.77	<50	-	<20	<20	<20	<20	6,700	2,900	<20	<20	<20	<12,000	<20	<20	-	-	
	10/28/10	NP		56.17	0.00	44.92	85	-	<100	<100	<100	<100	13,000	19,000	<100	<100	<100	<60,000	<100	<100	<50	0.2	Grab sample
	04/11/11	NP		56.22	0.00	44.87	140 N	-	<200	<200	<200	<200	15,000	26,000	<200	<200	<200	<120,000	<200	<200	<50	0.2	
	10/24/11	MD, NP	100.87	55.91	0.00	44.96	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.4	
	10/25/11			-	-	-	<50	-	<5.0	<5.0	<5.0	<5.0	430	<100	<5.0	<5.0	<5.0	<3,000	<5.0	<5.0	<50	-	
	04/04/12	MD, NP		55.89	0.00	44.98	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.2	
	04/05/12			-	-	-	<50	-	<5.0	<5.0	<5.0	<5.0	270	<100	<5.0	<5.0	<5.0	<3,000	<5.0	<5.0	<50	-	
	07/25/12	‡, NP		56.11	0.00	44.76	<50	-	<0.50	<0.50	<0.50	<1.0	200	<10	<0.50	<0.50	<0.50	<150	<0.50	<0.50	<47	-	Grab sample
	10/03/12	‡, NP		56.17	0.00	44.70	<50	-	<0.50	<0.50	<0.50	<1.0	170	<10	<0.50	<0.50	<0.50	<150	<0.50	<0.50	<48	0.4	
	01/14/13	MD, NP		56.30	0.00	44.57	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.6	
	01/15/13	‡		-	-	-	<50	-	<0.50	<0.50	<0.50	<1.0	67	<10	<0.50	<0.50	<0.50	<150	<0.50	<0.50	<48	-	
	04/01/13	‡, NP		56.10	0.00	44.77	<50	-	<0.50	<0.50	<0.50	<1.0	28	<10	<0.50	<0.50	<0.50	-	<0.50	<0.50	<48	0.4	
	07/25/13	MD		56.01	0.00	44.86	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	

Table 2
Historical Groundwater Monitoring & Analytical Data
ARCO Service Station No. 465
151 Southgate Avenue, Daly City, California

Well No.	Date	Notes	TOC Elevation (feet)	Depth to Water (feet)	Measured SPH Thickness (feet)	Calc. GW Elev. (feet)	GRO (µg/L)	DRO (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE (µg/L)	TBA (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	Ethanol (µg/L)	1,2-DCA (µg/L)	EDB (µg/L)	Stoddard Solvent (µg/L)	D.O. (mg/L)	Comments
MW-4	07/26/13	‡	100.87	-	-	-	<50	-	<0.50	<0.50	<0.50	<1.0	40	<10	<0.50	<0.50	<0.50	<150	<0.50	<0.50	<47	-	
	10/29/13	MD		56.40	0.00	44.47	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.4	
	10/30/13	‡		-	-	-	<50	-	<0.50	<0.50	<0.50	<1.0	81	<10	<0.50	<0.50	<0.50	<150	<0.50	<0.50	<47	-	
	01/21/14	MD		56.51	0.00	44.36	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.3	
	01/22/14	‡		-	-	-	<50	-	<0.50	<0.50	<0.50	<1.0	45	<10	<0.50	<0.50	<0.50	-	<0.50	<0.50	<48	-	
	02/12/15	NP		57.01	0.00	43.86	<50	-	<0.50	<0.50	<0.50	<1.0	12	19	<0.50	<0.50	<0.50	-	<0.50	<0.50	<52	2.1	Grab sample
	09/14/15	MD		57.15	0.00	43.72	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.7	
	09/17/15			-	-	-	<50	-	<0.50	<0.50	<0.50	<1.0	230	11	<0.50	<0.50	<0.50	<150	<0.50	<0.50	<47	-	
	02/08/16	**MD**		**56.63**	**0.00**	**44.24**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**2.4**	
	02/10/16			**-**	**-**	**-**	**<50**	**-**	**<0.50**	**<0.50**	**<0.50**	**<1.0**	**190**	**<10**	**<0.50**	**<0.50**	**<0.50**	**-**	**<0.50**	**<0.50**	**<49**	**-**	
MW-4D	02/12/15	MD	100.61	145.82	0.00	-45.21	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	02/13/15			-	-	-	<50	-	<0.50	<0.50	<0.50	<1.0	1.9	<10	<0.50	<0.50	<0.50	-	<0.50	<0.50	<51	-	
	06/16/15	MD		145.79	0.00	-45.18	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1.3	
	06/18/15			-	-	-	<50	-	<0.50	<0.50	<0.50	<1.0	1.2	<10	<0.50	<0.50	<0.50	<150	<0.50	<0.50	<51	-	
	09/14/15	MD		145.57	0.00	-44.96	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	09/17/15			-	-	-	<50	-	<0.50	<0.50	<0.50	<1.0	<0.50	<10	<0.50	<0.50	<0.50	<150	<0.50	<0.50	<47	-	
	12/02/15			**145.57**	**0.00**	**-44.96**	**<50**	**-**	**<0.50**	**<0.50**	**<0.50**	**<1.0**	**<0.50**	**<10**	**<0.50**	**<0.50**	**<0.50**	**<150**	**<0.50**	**<0.50**	**<51**	**-**	
	02/08/16	**MD**		**145.38**	**0.00**	**-44.77**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	
	02/10/16			**-**	**-**	**-**	**<50**	**-**	**<0.50**	**<0.50**	**<0.50**	**<1.0**	**<0.50**	**<10**	**<0.50**	**<0.50**	**<0.50**	**-**	**<0.50**	**<0.50**	**<47**	**-**	
MW-5	12/31/01	DRY	104.37	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	03/18/02	DRY		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	06/27/02	NS		59.62	0.00	44.75	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	09/25/02	DRY		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	12/13/02	DRY		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	03/28/03	NS		59.63	0.00	44.74	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	03/31/03	DRY		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	05/06/03	NS		59.60	0.00	44.77	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	07/22/03	NS		59.56	0.00	44.81	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	10/21/03	NS		59.66	0.00	44.71	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	02/03/04	NS		59.62	0.00	44.75	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	04/14/04	NS		59.64	0.00	44.73	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	07/20/04	NS		59.68	0.00	44.69	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	10/29/04	NS		59.55	0.00	44.82	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	01/11/05	NS		59.67	0.00	44.70	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	05/03/05	DRY		59.58	0.00	44.79	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	08/03/05	DRY		59.60	0.00	44.77	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	10/28/05	DRY		59.57	0.00	44.80	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	01/11/06	DRY		59.62	0.00	44.75	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	04/17/06	DRY		59.19	0.00	45.18	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	07/18/06	DRY		58.77	0.00	45.60	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	11/13/06	DRY		58.75	0.00	45.62	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	01/12/07	DRY		58.71	0.00	45.66	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2.9	
	04/16/07			58.71	0.00	45.66	370,000 N	-	<1,000	4,600	<1,000	10,000	510,000	45,000	<1,000	<1,000	<1,000	<600,000	<1,000	<1,000	-	2.0	
	07/06/07			58.76	0.00	45.61	200,000	-	<2,500	<2,500	<2,500	3,200	270,000	<100,000	<2,500	<2,500	<2,500	<1,500,000	<2,500	<2,500	3,700 N	2.0	
	10/04/07	VOL		58.90	0.00	45.47	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	01/21/08	VOL		59.02	0.00	45.35	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	

Table 2
Historical Groundwater Monitoring & Analytical Data
ARCO Service Station No. 465
151 Southgate Avenue, Daly City, California

Well No.	Date	Notes	TOC Elevation (feet)	Depth to Water (feet)	Measured SPH Thickness (feet)	Calc. GW Elev. (feet)	GRO (µg/L)	DRO (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE (µg/L)	TBA (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	Ethanol (µg/L)	1,2-DCA (µg/L)	EDB (µg/L)	Stoddard Solvent (µg/L)	D.O. (mg/L)	Comments
MW-5	04/17/08	VOL	104.37	58.95	0.00	45.42	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	07/10/08			59.00	0.00	45.37	35,000	-	<1,000	<1,000	<1,000	14,000	440,000	110,000	<1,000	<1,000	<1,000	<600,000	<1,000	<1,000	-	3.5	
	10/16/08	VOL	103.59	59.40	0.00	44.19	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	01/22/09	DRY		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	04/22/09	VOL		59.38	0.00	44.21	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	DRY
	07/27/09	DRY		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	10/30/09	VOL		59.40	0.00	44.19	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	04/23/10			59.22	0.00	44.37	4,300	-	<10	35	16	350	55,000	89,000	<10	<10	35	<6,000	<10	<10	-	0.1	
	10/28/10	VOL		59.42	0.00	44.17	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	04/11/11	DRY		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	10/24/11	VOL	102.81	58.96	0.00	43.85	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.5	
	04/04/12	VOL		58.90	0.00	43.91	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	07/25/12	VOL		58.98	0.00	43.83	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	10/03/12	VOL		58.91	0.00	43.90	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.5	
	01/14/13	VOL		58.80	0.00	44.01	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.2	*
	04/01/13	OL		59.00	0.00	43.81	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	*
	07/25/13	VOL		58.77	0.00	44.04	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	Stagnant water
	10/29/13	VOL		58.57	0.00	44.24	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	Stagnant water
	01/21/14	VOL		58.48	0.00	44.33	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	07/01/14	MD		56.91	0.00	45.90	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.1	
	07/02/14	‡		-	-	-	<50	-	<0.50	0.75	0.55	<1.0	38	360	<0.50	<0.50	<0.50	-	<0.50	<0.50	<47	-	
	02/09/15			58.55	0.00	44.26	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	Stagnant water
	09/14/15	VOL		58.47	0.00	44.34	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	Stagnant water
	02/08/16	**MD, NP**		**58.48**	**0.00**	**44.33**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**1.5**	**Grab sample**
	02/10/16			**-**	**-**	**-**	**<50**	**-**	**<0.50**	**<0.50**	**<0.50**	**<1.0**	**2.5**	**<10**	**<0.50**	**<0.50**	**<0.50**	**-**	**<0.50**	**<0.50**	**-**	**-**	
MW-5D	02/09/15	MD	104.20	149.13	0.00	-44.93	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	02/13/15			-	-	-	<50	-	<0.50	<0.50	<0.50	<1.0	<0.50	<10	<0.50	<0.50	<0.50	-	<0.50	<0.50	<51	-	
	06/16/15	MD		149.02	0.00	-44.82	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2.7	
	06/18/15			-	-	-	<50	-	<0.50	<0.50	<0.50	<1.0	<0.50	<10	<0.50	<0.50	<0.50	<150	<0.50	<0.50	<53	-	
	09/14/15	MD		148.80	0.00	-44.60	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	09/17/15			-	-	-	<50	-	<0.50	<0.50	<0.50	<1.0	<0.50	<10	<0.50	<0.50	<0.50	<150	<0.50	<0.50	<47	-	
	12/02/15			**148.97**	**0.00**	**-44.77**	**<50**	**-**	**<0.50**	**<0.50**	**<0.50**	**<1.0**	**<0.50**	**<10**	**<0.50**	**<0.50**	**<0.50**	**<150**	**<0.50**	**<0.50**	**<50**	**-**	
	02/08/16	**MD**		**148.61**	**0.00**	**-44.41**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	
	02/10/16			**-**	**-**	**-**	**<50**	**-**	**<0.50**	**<0.50**	**<0.50**	**<1.0**	**<0.50**	**<10**	**<0.50**	**<0.50**	**<0.50**	**-**	**<0.50**	**<0.50**	**<47**	**-**	
MW-6	12/31/01		103.52	57.78	0.00	45.74	860	-	74	37	2.1	150	7,200	-	-	-	-	-	-	-	-	-	
	03/18/02			57.84	0.00	45.68	<500	-	<5.0	<5.0	<5.0	<5.0	3,900	-	-	-	-	-	-	-	-	-	
	06/27/02			57.70	0.00	45.82	160	-	4.6	2.1	1.4	3.4	2,700	-	-	-	-	-	-	-	-	2.2	
	09/25/02			57.75	0.00	45.77	620 N	-	<5.0	<5.0	<5.0	<5.0	4,000	-	-	-	-	-	-	-	95	1.4	
	12/13/02			57.73	0.00	45.79	5,400 N	-	1.6	1.6	<0.50	2.0	3,900	-	-	-	-	-	-	-	130	1.0	
	03/28/03			57.75	0.00	45.77	<50,000	-	<500	<500	<500	<500	14,000	<20,000	<500	<500	<500	<100,000	<500	<500	-	2.5	
	03/31/03	NS		57.69	0.00	45.83	-	-	-	-	-	-	-	-	-	-	-	-	-	-	130	-	
	05/06/03			57.72	0.00	45.80	<5,000	-	<50	<50	<50	<50	3,900	2,400	<500	<500	<500	<10,000	-	-	130	1.7	
	07/22/03			57.65	0.00	45.87	13,000 N	-	<50	<50	<50	<50	7,800	<2,000	<50	<50	<50	<10,000	<50	<50	230	2.2	
	10/21/03			57.80	0.00	45.72	3,900	850	<25	<25	<25	<25	4,200	<1,000	<25	<25	<25	<5,000	-	-	280	1.4	
	02/03/04			57.74	0.00	45.78	11,000	-	<50	<50	<50	<50	6,800	<2,000	<50	<50	<50	<10,000	<50	<50	300	2.0	
	04/14/04			57.73	0.00	45.79	2,700	-	<250	<250	<250	<250	9,200	<10,000	<500	<500	<500	<50,000	<250	<250	240	2.3	

Table 2
Historical Groundwater Monitoring & Analytical Data
ARCO Service Station No. 465
151 Southgate Avenue, Daly City, California

Well No.	Date	Notes	TOC Elevation (feet)	Depth to Water (feet)	Measured SPH Thickness (feet)	Calc. GW Elev. (feet)	GRO (µg/L)	DRO (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE (µg/L)	TBA (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	Ethanol (µg/L)	1,2-DCA (µg/L)	EDB (µg/L)	Stoddard Solvent (µg/L)	D.O. (mg/L)	Comments
MW-6	07/20/04		103.52	57.60	0.00	45.92	<50,000	-	<500	<500	<500	<500	12,000	<20,000	<500	<500	<500	<100,000	<500	<500	340	2.0	
	10/29/04			57.99	0.00	45.53	<25,000	1,100	<250	<250	<250	<250	16,000	<10,000	<250	<250	<250	<50,000	<250	<250	740	5.5	
	01/11/05			57.55	0.00	45.97	<25,000	-	<250	<250	<250	<250	13,000	<10,000	<250	<250	<250	<50,000	<250	<250	240	1.7	
	05/03/05			57.45	0.00	46.07	13,000 N	-	<100	<100	<100	<100	14,000	12,000	<100	<100	<100	<20,000	<100	<100	830	1.8	
	08/03/05			57.24	0.00	46.28	<10,000	-	300	<100	110	330	13,000	18,000	<100	<100	<100	<20,000	<100	<100	<50	1.1	
	10/28/05			57.20	0.00	46.32	<10,000	-	<100	<100	<100	<100	11,000	26,000	<100	<100	<100	<20,000	<100	<100	<48	1.3	
	01/11/06			57.23	0.00	46.29	<10,000	-	<100	<100	<100	<100	8,300	23,000	<100	<100	<100	<60,000	<100	<100	210	0.9	
	04/17/06			57.29	0.00	46.23	<10,000	-	<100	<100	<100	<100	7,500	21,000	<100	<100	<100	<60,000	<100	<100	410	1.9	
	07/18/06			57.02	0.00	46.50	8,700	-	<50	<50	<50	<50	9,400	19,000	<50	<50	<50	<30,000	<50	<50	170	2.4	
	11/13/06			57.00	0.00	46.52	3,600	-	<100	<100	<100	<100	9,300	25,000	<100	<100	<100	<60,000	<100	<100	<47	1.8	
	01/12/07			56.94	0.00	46.58	5,200	-	<50	<50	<50	<50	9,000	30,000	<50	<50	<50	<30,000	<50	<50	120	1.9	
	04/16/07			57.05	0.00	46.47	8,900 N	-	<50	<50	<50	<50	10,000	35,000	<50	<50	<50	<30,000	<50	<50	<47	0.7	
	07/06/07			57.15	0.00	46.37	3,800 N	-	<50	<50	<50	<50	5,500	32,000	<50	<50	<50	<30,000	<50	<50	250 N	1.9	
	10/04/07			57.35	0.00	46.17	8,100 N	-	<50	<50	<50	<50	12,000	39,000	<50	<50	<50	<30,000	<50	<50	88 N	0.4	
	01/21/08			57.48	0.00	46.04	6,400 N	-	<50	<50	<50	<50	11,000	38,000	<50	<50	<50	<30,000	<50	<50	570 N	2.6	
	04/17/08			57.60	0.00	45.92	99	-	<0.50	<0.50	<0.50	<0.50	12,000	21,000	<0.50	<0.50	6.7	<300	<0.50	<0.50	650 N	4.1	
	07/10/08			57.56	0.00	45.96	160	-	<200	<200	<200	<200	15,000	42,000	<200	<200	<200	<120,000	<200	<200	680	2.3	
	10/16/08		102.74	57.63	0.00	45.11	140	-	<200	<200	<200	<200	6,900	35,000	<200	<200	<200	<120,000	<200	<200	720 N	2.5	
	01/22/09			57.65	0.00	45.09	230	-	<200	<200	<200	<200	12,000	31,000	<200	<200	<200	<120,000	<200	<200	630 N	2.1	
	04/22/09			57.74	0.00	45.00	1,200	-	<200	<200	<200	<200	14,000	55,000	<200	<200	<200	<120,000	<200	<200	590 N	0.9	
	07/27/09			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	Not monitored
	10/30/09			57.60	0.00	45.14	1,100 N	-	<200	<200	<200	<200	12,000	54,000	<200	<200	<200	<120,000	<200	<200	170	1.4	
	05/27/10			57.99	0.00	44.75	210 N	-	<200	<200	<200	<200	27,000	76,000	<200	<200	<200	<120,000	<200	<200	530 N	0.5	
	10/28/10			57.84	0.00	44.90	220	-	<200	<200	<200	<200	6,300	46,000	<200	<200	<200	<120,000	<200	<200	730 N	0.1	
	04/11/11			57.89	0.00	44.85	200 N	-	<200	<200	<200	<200	3,900	46,000	<200	<200	<200	<120,000	<200	<200	610 N	0.1	
	10/24/11	MD	102.33	57.60	0.00	44.73	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.6	
	10/25/11			-	-	-	320 N	-	<200	<200	<200	<200	7,100	50,000	<200	<200	<200	<120,000	<200	<200	620 N	-	
	04/04/12	MD		57.56	0.00	44.77	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.4	
	04/05/12			-	-	-	93 N	-	<200	<200	<200	<200	2,600	59,000	<200	<200	<200	<120,000	<200	<200	610	-	
	07/25/12	MD		57.78	0.00	44.55	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.1	
	07/26/12	‡		-	-	-	120	-	<20	<20	<20	<40	6,800	67,000	<20	<20	<20	<6,000	<20	<20	630	-	
	10/03/12	‡		57.77	0.00	44.56	<5,000	-	<50	<50	<50	<100	28,000	130,000	<50	<50	<50	<15,000	<50	<50	640	0.4	
	01/14/13	MD		58.00	0.00	44.33	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.1	
	01/15/13	‡		-	-	-	<250	-	<10	<10	<10	<20	6,400	40,000	<10	<10	<10	<3,000	<10	<10	870	-	
	04/01/13	MD		57.67	0.00	44.66	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.3	
	04/02/13	‡		-	-	-	<500	-	<20	<20	<20	<40	8,200	31,000	<20	<20	<20	-	<20	<20	480	-	
	07/25/13	MD		57.52	0.00	44.81	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	07/26/13	‡		-	-	-	<500	-	<10	<10	<10	<20	2,200	23,000	<10	<10	<10	<3,000	<10	<10	260	-	
	10/29/13	MD		58.00	0.00	44.33	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.2	
	10/30/13	‡		-	-	-	<500	-	<5.0	<5.0	<5.0	<10	3,000	25,000	<5.0	<5.0	<5.0	<1,500	<5.0	<5.0	360	-	
	01/21/14	MD		58.18	0.00	44.15	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.1	
	01/22/14	‡		-	-	-	<50	-	<10	<10	<10	<20	4,700	28,000	<10	<10	<10	-	<10	<10	53	-	
	07/01/14	MD		58.04	0.00	44.29	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.1	
	07/02/14	‡		-	-	-	<100	-	<10	<10	<10	<20	1,200	11,000	<10	<10	<10	-	<10	<10	<47	-	
	02/09/15	MD, NP		58.68	0.00	43.65	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.1	
	02/12/15			-	-	-	<50	-	<2.5	<2.5	<2.5	<5.0	270	8,500	<2.5	<2.5	<2.5	-	<2.5	<2.5	62	-	Grab sample

Table 2
Historical Groundwater Monitoring & Analytical Data
ARCO Service Station No. 465
151 Southgate Avenue, Daly City, California

Well No.	Date	Notes	TOC Elevation (feet)	Depth to Water (feet)	Measured SPH Thickness (feet)	Calc. GW Elev. (feet)	GRO (µg/L)	DRO (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE (µg/L)	TBA (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	Ethanol (µg/L)	1,2-DCA (µg/L)	EDB (µg/L)	Stoddard Solvent (µg/L)	D.O. (mg/L)	Comments
MW-6	09/14/15	NP	102.33	58.77	0.00	43.56	<50	-	<0.50	<0.50	<0.50	<1.0	18	5,500	<0.50	<0.50	<0.50	<150	<0.50	<0.50	<47	2.3	Grab sample
	02/08/16	**MD, NP**		**58.23**	**0.00**	**44.10**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**0.6**	**Grab sample**
	02/10/16			**-**	**-**	**-**	**<50**	**-**	**<5.0**	**<5.0**	**<5.0**	**<10**	**820**	**4,600**	**<5.0**	**<5.0**	**<5.0**	**-**	**<5.0**	**<5.0**	**<51**	**-**	
MW-6D	02/09/15	MD	104.52	148.95	0.00	-44.43	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	02/10/15			-	-	-	<50	-	<0.50	<0.50	<0.50	<1.0	<0.50	<10	<0.50	<0.50	<0.50	-	<0.50	<0.50	1,100	-	Stoddard Solvent data invalid
	06/16/15	MD		148.82	0.00	-44.30	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3.5	
	06/17/15			-	-	-	<50	-	<0.50	<0.50	<0.50	<1.0	<0.50	<10	<0.50	<0.50	<0.50	<150	<0.50	<0.50	<51	-	
	09/14/15	MD		148.66	0.00	-44.14	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	09/17/15			-	-	-	<50	-	<0.50	<0.50	<0.50	<1.0	<0.50	<10	<0.50	<0.50	<0.50	<150	<0.50	<0.50	<49	-	
	12/02/15	**MD**		**148.78**	**0.00**	**-44.26**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	
	12/03/15			**-**	**-**	**-**	**<50**	**-**	**<0.50**	**<0.50**	**<0.50**	**<1.0**	**<0.50**	**<10**	**<0.50**	**<0.50**	**<0.50**	**<150**	**<0.50**	**<0.50**	**<51**	**-**	
	02/08/16	**MD**		**148.51**	**0.00**	**-43.99**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	
	02/10/16			**-**	**-**	**-**	**<50**	**-**	**<0.50**	**<0.50**	**<0.50**	**<1.0**	**<0.50**	**<10**	**<0.50**	**<0.50**	**<0.50**	**-**	**<0.50**	**<0.50**	**<47**	**-**	
MW-7	10/16/08		98.28	53.12	0.00	45.16	<50	-	<0.50	<0.50	<0.50	<0.50	13	<10	<0.50	<0.50	<0.50	<300	<0.50	<0.50	<50	0.9	
	01/22/09			53.30	0.00	44.98	<50	-	<0.50	<0.50	<0.50	<0.50	9.4	<10	<0.50	<0.50	<0.50	<300	<0.50	<0.50	<50	0.9	
	04/22/09			53.24	0.00	45.04	<50	-	<0.50	<0.50	<0.50	<0.50	7.3	<10	<0.50	<0.50	<0.50	<300	<0.50	<0.50	<50	0.3	
	07/27/09			54.00	0.00	44.28	<50	-	<0.50	<0.50	<0.50	<0.50	10	<10	<0.50	<0.50	<0.50	<300	<0.50	<0.50	<50	1.4	
	10/30/09			53.50	0.00	44.78	<50	-	<0.50	<0.50	<0.50	<0.50	5.3	<10	<0.50	<0.50	<0.50	<300	<0.50	<0.50	<50	2.0	
	04/23/10			53.55	0.00	44.73	<50	-	<0.50	<0.50	<0.50	0.64	3.0	<10	<0.50	<0.50	<0.50	<300	<0.50	<0.50	-	0.3	
	10/28/10			53.31	0.00	44.97	<50	-	<0.50	<0.50	<0.50	<0.50	1.9	<10	<0.50	<0.50	<0.50	<300	<0.50	<0.50	<50	0.4	
	04/11/11			53.39	0.00	44.89	<50	-	<0.50	<0.50	<0.50	<0.50	0.60	<10	<0.50	<0.50	<0.50	<300	<0.50	<0.50	<50	2.6	
	10/24/11	MD	98.15	53.11	0.00	45.04	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1.1	
	10/25/11			-	-	-	<50	-	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<0.50	<0.50	<0.50	<300	<0.50	<0.50	<50	-	
	04/04/12	MD		53.07	0.00	45.08	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.4	
	04/05/12			-	-	-	<50	-	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<0.50	<0.50	<0.50	<300	<0.50	<0.50	<50	-	
	07/25/12	MD		53.28	0.00	44.87	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.2	
	07/26/12	‡		-	-	-	<50	-	<0.50	<0.50	<0.50	<1.0	0.90	<10	<0.50	<0.50	<0.50	<150	<0.50	<0.50	<47	-	
	10/03/12	‡		53.35	0.00	44.80	<50	-	<0.50	<0.50	<0.50	<1.0	<0.50	<10	<0.50	<0.50	<0.50	<150	<0.50	<0.50	<48	0.9	
	01/14/13	MD		53.50	0.00	44.65	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.2	
	01/15/13	‡		-	-	-	<50	-	<0.50	<0.50	<0.50	<1.0	0.62	<10	<0.50	<0.50	<0.50	<150	<0.50	<0.50	<47	-	
	04/01/13	MD		53.60	0.00	44.55	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.3	
	04/02/13	‡		-	-	-	<50	-	<0.50	<0.50	<0.50	<1.0	<0.50	<10	<0.50	<0.50	<0.50	-	<0.50	<0.50	<48	-	
	07/25/13	MD		54.58	0.00	43.57	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	07/26/13	‡		-	-	-	<50	-	<0.50	<0.50	<0.50	<1.0	<0.50	<10	<0.50	<0.50	<0.50	<150	<0.50	<0.50	<48	-	
	10/29/13	‡		53.61	0.00	44.54	<50	-	<0.50	<0.50	<0.50	<1.0	<0.50	<10	<0.50	<0.50	<0.50	<150	<0.50	<0.50	<47	1.0	
	01/21/14	MD, NP		54.19	0.00	43.96	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.2	Grab sample
	01/22/14	‡		-	-	-	<50	-	<0.50	<0.50	<0.50	<1.0	<0.50	<10	<0.50	<0.50	<0.50	-	<0.50	<0.50	<48	-	
	02/09/15	MD		54.20	0.00	43.95	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.4	
	02/10/15			-	-	-	<50	-	<0.50	<0.50	<0.50	<1.0	<0.50	<10	<0.50	<0.50	<0.50	-	<0.50	<0.50	520	-	Stoddard Solvent data invalid
	02/08/16	**MD**		**53.76**	**0.00**	**44.39**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**2.1**	
	02/10/16			**-**	**-**	**-**	**<50**	**-**	**<0.50**	**<0.50**	**<0.50**	**<1.0**	**<0.50**	**<10**	**<0.50**	**<0.50**	**<0.50**	**-**	**<0.50**	**<0.50**	**-**	**-**	
MW-7D	02/09/15	MD	99.29	144.91	0.00	-45.62	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	02/13/15			-	-	-	<50	-	<0.50	<0.50	<0.50	<1.0	<0.50	<10	<0.50	<0.50	<0.50	-	<0.50	<0.50	<51	-	
	06/16/15	MD		144.75	0.00	-45.46	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2.9	
	06/16/15			-	-	-	<50	-	<0.50	<0.50	<0.50	<1.0	<0.50	<10	<0.50	<0.50	<0.50	<150	<0.50	<0.50	<51	-	
	09/14/15	MD		144.56	0.00	-45.27	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	

Table 2
Historical Groundwater Monitoring & Analytical Data
ARCO Service Station No. 465
151 Southgate Avenue, Daly City, California

Well No.	Date	Notes	TOC Elevation (feet)	Depth to Water (feet)	Measured SPH Thickness (feet)	Calc. GW Elev. (feet)	GRO (µg/L)	DRO (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE (µg/L)	TBA (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	Ethanol (µg/L)	1,2-DCA (µg/L)	EDB (µg/L)	Stoddard Solvent (µg/L)	D.O. (mg/L)	Comments
MW-7D	09/16/15		99.29	-	-	-	<50	-	<0.50	<0.50	<0.50	<1.0	<0.50	<10	<0.50	<0.50	<0.50	<150	<0.50	<0.50	<47	-	
	12/02/15	**MD**		**144.71**	**0.00**	**-45.42**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	
	12/03/15			**-**	**-**	**-**	**<50**	**-**	**<0.50**	**<0.50**	**<0.50**	**<1.0**	**<0.50**	**<10**	**<0.50**	**<0.50**	**<0.50**	**<150**	**<0.50**	**<0.50**	**<51**	**-**	
	02/08/16	**MD**		**144.45**	**0.00**	**-45.16**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	
	02/10/16			**-**	**-**	**-**	**<50**	**-**	**<0.50**	**<0.50**	**<0.50**	**<1.0**	**<0.50**	**<10**	**<0.50**	**<0.50**	**<0.50**	**-**	**<0.50**	**<0.50**	**<49**	**-**	
MW-8	10/16/08		97.64	52.45	0.00	45.19	<50	-	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<0.50	<0.50	<0.50	<300	<0.50	<0.50	<50	0.9	
	01/22/09			52.50	0.00	45.14	<50	-	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<0.50	<0.50	<0.50	<300	<0.50	<0.50	<50	0.9	
	04/22/09			52.53	0.00	45.11	<50	-	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<0.50	<0.50	<0.50	<300	<0.50	<0.50	<50	0.5	
	07/27/09			52.70	0.00	44.94	<50	-	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<0.50	<0.50	<0.50	<300	<0.50	<0.50	<50	2.0	
	10/30/09			52.73	0.00	44.91	<50	-	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<0.50	<0.50	<0.50	<300	<0.50	<0.50	<50	2.0	
	04/23/10			52.84	0.00	44.80	<50	-	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<0.50	<0.50	<0.50	<300	<0.50	<0.50	-	0.4	
	10/28/10			52.62	0.00	45.02	<50	-	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<0.50	<0.50	<0.50	<300	<0.50	<0.50	<50	0.1	
	04/11/11			52.70	0.00	44.94	69 N	-	<0.50	<0.50	<0.50	<0.50	0.51	<10	<0.50	<0.50	<0.50	<300	<0.50	<0.50	<50	0.7	
	10/24/11		97.48	52.40	0.00	45.08	<50	-	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<0.50	<0.50	<0.50	<300	<0.50	<0.50	<50	0.6	
	04/04/12			52.37	0.00	45.11	<50	-	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<0.50	<0.50	<0.50	<300	<0.50	<0.50	<50	0.9	
	07/25/12	‡		52.61	0.00	44.87	<50	-	<0.50	<0.50	<0.50	<1.0	<0.50	<10	<0.50	<0.50	<0.50	<150	<0.50	<0.50	<47	1.2	
	10/03/12	‡		52.63	0.00	44.85	<50	-	<0.50	<0.50	<0.50	<1.0	<0.50	<10	<0.50	<0.50	<0.50	<150	<0.50	<0.50	<48	0.4	
	01/14/13	‡		52.80	0.00	44.68	<50	-	<0.50	<0.50	<0.50	<1.0	<0.50	<10	<0.50	<0.50	<0.50	<150	<0.50	<0.50	<48	0.3	
	04/01/13	‡		53.50	0.00	43.98	<50	-	<0.50	<0.50	<0.50	<1.0	<0.50	<10	<0.50	<0.50	<0.50	-	<0.50	<0.50	<48	0.4	
	07/25/13	MD, NP		53.24	0.00	44.24	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	07/26/13	‡		-	-	-	<50	-	<0.50	<0.50	<0.50	<1.0	<0.50	<10	<0.50	<0.50	<0.50	<150	<0.50	<0.50	<48	-	Grab sample
	10/29/13	MD		52.95	0.00	44.53	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.9	
	10/30/13	‡		-	-	-	<50	-	<0.50	<0.50	<0.50	<1.0	<0.50	<10	<0.50	<0.50	<0.50	<150	<0.50	<0.50	<47	-	
	01/21/14	MD		53.18	0.00	44.30	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.3	
	01/22/14	‡		-	-	-	<50	-	<0.50	<0.50	<0.50	<1.0	<0.50	<10	<0.50	<0.50	<0.50	-	<0.50	<0.50	<47	-	
	02/09/15	MD		53.46	0.00	44.02	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1.5	
	02/12/15			-	-	-	<50	-	<0.50	<0.50	<0.50	<1.0	<0.50	<10	<0.50	<0.50	<0.50	-	<0.50	<0.50	<52	-	
	02/08/16	**MD**		**53.03**	**0.00**	**44.45**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**2.7**	
	02/10/16			**-**	**-**	**-**	**<50**	**-**	**<0.50**	**<0.50**	**<0.50**	**<1.0**	**<0.50**	**<10**	**<0.50**	**<0.50**	**<0.50**	**-**	**<0.50**	**<0.50**	**<47**	**-**	
MW-9	10/16/08		95.42	55.63	0.00	39.79	<50	-	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<0.50	<0.50	<0.50	<300	<0.50	<0.50	<50	0.3	*** Invalid data see notes
	01/22/09			45.83	0.00	49.59	<50	-	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<0.50	<0.50	<0.50	<300	<0.50	<0.50	56	1.0	
	04/22/09			45.96	0.00	49.46	<50	-	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<0.50	<0.50	<0.50	<300	<0.50	<0.50	<50	0.7	
	07/27/09			46.20	0.00	49.22	<50	-	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<0.50	<0.50	<0.50	<300	<0.50	<0.50	<50	1.6	
	10/30/09			46.30	0.00	49.12	<50	-	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<0.50	<0.50	<0.50	<300	<0.50	<0.50	<50	1.9	
	04/23/10			46.48	0.00	48.94	<50	-	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<0.50	<0.50	<0.50	<300	<0.50	<0.50	-	0.4	
	10/28/10			46.68	0.00	48.74	<50	-	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<0.50	<0.50	<0.50	<300	<0.50	<0.50	61 N	0.1	
	04/11/11			46.90	0.00	48.52	<50	-	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<0.50	<0.50	<0.50	<300	<0.50	<0.50	<50	0.4	
	10/24/11		95.15	46.97	0.00	48.18	<50	-	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<0.50	<0.50	<0.50	<300	<0.50	<0.50	<50	0.5	
	04/04/12			46.96	0.00	48.19	<50	-	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<0.50	<0.50	<0.50	<300	<0.50	<0.50	<50	1.7	
	07/25/12	‡		47.11	0.00	48.04	<100	-	<0.50	<0.50	<0.50	<1.0	<0.50	<10	<0.50	<0.50	<0.50	<150	<0.50	<0.50	<47	-	
	10/03/12	‡		47.04	0.00	48.11	<50	-	<0.50	<0.50	<0.50	<1.0	<0.50	<10	<0.50	<0.50	<0.50	<150	<0.50	<0.50	<48	0.4	
	01/14/13	‡		47.20	0.00	47.95	<50	-	<0.50	<0.50	<0.50	<1.0	<0.50	<10	<0.50	<0.50	<0.50	<150	<0.50	<0.50	<47	0.3	
	04/01/13	‡		47.20	0.00	47.95	<50	-	<0.50	<0.50	<0.50	<1.0	<0.50	<10	<0.50	<0.50	<0.50	-	<0.50	<0.50	<48	0.4	
	07/25/13	INA		47.04	0.00	48.11	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	Car parked over well
	10/29/13	‡		47.26	0.00	47.89	<50	-	<0.50	<0.50	<0.50	<1.0	<0.50	<10	<0.50	<0.50	<0.50	<150	<0.50	<0.50	<47	0.8	
	01/21/14	‡		47.32	0.00	47.83	<50	-	<0.50	<0.50	<0.50	<1.0	<0.50	<10	<0.50	<0.50	<0.50	-	<0.50	<0.50	<47	0.4	

Table 2
Historical Groundwater Monitoring & Analytical Data
ARCO Service Station No. 465
151 Southgate Avenue, Daly City, California

Well No.	Date	Notes	TOC Elevation (feet)	Depth to Water (feet)	Measured SPH Thickness (feet)	Calc. GW Elev. (feet)	GRO (µg/L)	DRO (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE (µg/L)	TBA (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	Ethanol (µg/L)	1,2-DCA (µg/L)	EDB (µg/L)	Stoddard Solvent (µg/L)	D.O. (mg/L)	Comments
MW-9	02/09/15	MD	95.15	46.84	0.00	48.31	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.4	
	02/10/15			-	-	-	<50	-	<0.50	0.79	<0.50	2.1	<0.50	<10	<0.50	<0.50	<0.50	-	<0.50	<0.50	860	-	Stoddard Solvent data invalid
	02/08/16	**MD**		**46.17**	**0.00**	**48.98**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**2.4**	
	02/10/16			**-**	**-**	**-**	**<50**	**-**	**<0.50**	**<0.50**	**<0.50**	**<1.0**	**<0.50**	**<10**	**<0.50**	**<0.50**	**<0.50**	**-**	**<0.50**	**<0.50**	**<47**	**-**	
MW-10	10/24/11	VOL	103.29	59.00	0.00	44.29	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	03/23/12	DRY		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	04/04/12	DRY		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	07/25/12	DRY		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	10/03/12	DRY		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	01/14/13	DRY		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	04/01/13	DRY		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	07/25/13	VOL		58.31	0.00	44.98	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	Stagnant water
	10/29/13	VOL		58.66	0.00	44.63	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	Stagnant water
	01/21/14	VOL		58.60	0.00	44.69	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	07/01/14	MD		57.68	0.00	45.61	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.1	
	07/02/14	‡		-	-	-	<1,000	-	<10	<10	<10	<20	11,000	13,000	<10	<10	<10	-	<10	<10	1,100	-	
	02/13/15			58.61	0.00	44.68	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	Stagnant water
	09/14/15	VOL		58.58	0.00	44.71	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	Stagnant water
	02/08/16	**MD**		**58.60**	**0.00**	**44.69**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**0.9**	**Grab sample**
	02/10/16			**-**	**-**	**-**	**<50**	**-**	**<0.50**	**<0.50**	**<0.50**	**<1.0**	**3.1**	**<10**	**<0.50**	**<0.50**	**<0.50**	**-**	**<0.50**	**<0.50**	**-**	**-**	
MW-11	10/24/11	VOL	104.50	51.40	0.00	53.10	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	03/23/12	DRY		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	04/04/12	DRY		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	07/25/12	DRY		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	10/03/12	DRY		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	01/14/13	DRY		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	04/01/13	VOL		50.40	0.00	54.10	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	**
	07/25/13	DRY		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	10/29/13	DRY		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	01/21/14	DRY		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	07/01/14	DRY		-	-	-		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	02/09/15	DRY		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	09/14/15	DRY		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
MW-11R	**02/08/16**	**VOL**	**104.89**	**64.65**	**0.00**	**40.24**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	
MW-12	10/24/11	MD, NP	100.15	56.31	0.00	43.84	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.8	
	10/25/11			-	-	-	<50	-	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<0.50	<0.50	<0.50	<300	<0.50	<0.50	<50	-	
	03/23/12			56.00	0.00	44.15	<50	-	<0.50	<0.50	<0.50	<0.50	0.96	<10	<0.50	<0.50	<0.50	<300	<0.50	<0.50	<50	0.4	
	04/04/12			56.00	0.00	44.15	<50	-	<0.50	<0.50	<0.50	<0.50	0.67	<10	<0.50	<0.50	<0.50	<300	<0.50	<0.50	<50	0.9	
	07/25/12	‡		56.23	0.00	43.92	<50	-	<0.50	<0.50	<0.50	<1.0	<0.50	<10	<0.50	<0.50	<0.50	<150	<0.50	<0.50	<47	0.3	
	10/03/12	DRY		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	01/14/13	‡		56.40	0.00	43.75	<50	-	<0.50	<0.50	<0.50	<1.0	<0.50	<10	<0.50	<0.50	<0.50	<150	<0.50	<0.50	<47	0.2	
	04/01/13	VOL		57.00	0.00	43.15	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	*
	07/25/13	MD, NP		56.47	0.00	43.68	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	07/26/13	‡		-	-	-	<50	-	<0.50	<0.50	<0.50	<1.0	<0.50	<10	<0.50	<0.50	<0.50	<150	<0.50	<0.50	<47	-	Grab sample
	10/29/13	MD		56.63	0.00	43.52	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.5	
	10/30/13	‡		-	-	-	<50	-	<0.50	<0.50	<0.50	<1.0	<0.50	<10	<0.50	<0.50	<0.50	<150	<0.50	<0.50	<47	-	

Table 2
Historical Groundwater Monitoring & Analytical Data
ARCO Service Station No. 465
151 Southgate Avenue, Daly City, California

Well No.	Date	Notes	TOC Elevation (feet)	Depth to Water (feet)	Measured SPH Thickness (feet)	Calc. GW Elev. (feet)	GRO (µg/L)	DRO (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE (µg/L)	TBA (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	Ethanol (µg/L)	1,2-DCA (µg/L)	EDB (µg/L)	Stoddard Solvent (µg/L)	D.O. (mg/L)	Comments
MW-12	01/21/14	MD, NP	100.15	56.69	0.00	43.46	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.2	Grab sample
	01/22/14	‡		-	-	-	<50	-	<0.50	<0.50	<0.50	<1.0	<0.50	<10	<0.50	<0.50	<0.50	-	<0.50	<0.50	<47	-	
	07/01/14	VOL		57.33	0.00	42.82	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	Stagnant water
	02/09/15			57.42	0.00	42.73	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	Stagnant water
	09/14/15	VOL		57.40	0.00	42.75	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	Stagnant water
	02/08/16	**VOL**		**57.21**	**0.00**	**42.94**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
MW-13	02/09/15		102.67	31.62	0.00	71.05	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	Stagnant water
	09/14/15	NSP	102.68	30.60	0.00	72.08	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3.7	
	02/08/16	**DRY**		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
MW-14	02/09/15	DRY	102.99	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	09/14/15	VOL		57.75	0.00	45.24	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	Stagnant water
	02/08/16	**DRY**		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
MW-15	02/09/15	DRY	105.23	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	09/14/15			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	02/08/16	**DRY**		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
MW-16	02/09/15	MD	106.79	59.43	0.00	47.36	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	02/13/15			-	-	-	<50	-	<0.50	<0.50	<0.50	<1.0	<0.50	11	<0.50	<0.50	<0.50	-	<0.50	<0.50	-	-	
	09/14/15	NP		61.00	0.00	45.79	<50	-	<0.50	<0.50	<0.50	<1.0	2.8	<10	<0.50	<0.50	<0.50	<150	<0.50	<0.50	<47	1.3	Grab sample
	02/08/16	**VOL**		**61.67**	**0.00**	**45.12**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	**0.9**	
MW-17	02/09/15	MD	98.91	54.82	0.00	44.09	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4.2	
	02/12/15			-	-	-	<50	-	<0.50	<0.50	<0.50	<1.0	<0.50	<10	<0.50	<0.50	<0.50	-	<0.50	<0.50	<51	-	
	09/14/15	MD		54.92	0.00	43.99	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1.5	
	09/16/15			-	-	-	<50	-	<0.50	<0.50	<0.50	<1.0	<0.50	<10	<0.50	<0.50	<0.50	<150	<0.50	<0.50	<47	-	
	02/08/16	**VOL**		**54.36**	**0.00**	**44.55**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
MW-18	**12/02/15**	**MD**	**111.44**	**61.85**	**0.00**	**49.59**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	**1.7**	**Grab sample**
	12/03/15			-	-	-	**<50**	-	**<0.50**	**<0.50**	**<0.50**	**<1.0**	**<0.50**	**<10**	**<0.50**	**<0.50**	**<0.50**	**<150**	**<0.50**	**<0.50**	**120**	-	
	02/08/16	**MD, NP**		**62.15**	**0.00**	**49.29**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	**0.6**	**Grab sample**
	02/11/16			-	-	-	**<50**	-	**<0.50**	**<0.50**	**<0.50**	**<1.0**	**<0.50**	**<10**	**<0.50**	**<0.50**	**<0.50**	-	**<0.50**	**<0.50**	**<50**	-	
V-1	07/01/14	VOL	101.61	28.75	0.00	72.86	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	Stagnant water
	02/09/15	DRY		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	02/08/16	**DRY**		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
V-2	07/01/14	DRY	99.22	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	02/09/15	DRY		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	Destroyed 8/29/00
	02/08/16	**DRY**		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
V-4	11/13/06		-	33.40	0.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	04/23/10		103.16	33.92	0.00	69.24	34,000	-	1,900	1,600	320	7,100	360,000	550,000	<200	<200	390	<120,000	<200	<200	-	0.1	
	01/14/13	INA	102.84	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	Obstruction @ 34 ft
	04/01/13	MD		26.70	0.00	76.14	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.1	
	04/02/13	‡		-	-	-	31,000	-	<50	52	<50	5,900	14,000	19,000	<50	<50	<50	-	<50	<50	12,000	-	
	07/25/13	MD		31.36	0.00	71.48	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	07/26/13	‡		-	-	-	4,400	-	<5.0	17	7.2	430	400	38,000	<5.0	<5.0	<5.0	<1,500	<5.0	<5.0	8,000	-	
	10/29/13	VOL		37.07	0.00	65.77	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	Stagnant water
	01/21/14	VOL		33.90	0.00	68.94	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	07/01/14	MD		31.05	0.00	71.79	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.1	
	07/02/14	‡		-	-	-	400	-	<5.0	<5.0	<5.0	<10	<5.0	7,900	<5.0	<5.0	<5.0	-	<5.0	<5.0	2,700	-	
	02/09/15			34.00	0.00	68.84	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	Stagnant water

Table 2
Historical Groundwater Monitoring & Analytical Data
ARCO Service Station No. 465
151 Southgate Avenue, Daly City, California

Well No.	Date	Notes	TOC Elevation (feet)	Depth to Water (feet)	Measured SPH Thickness (feet)	Calc. GW Elev. (feet)	GRO (µg/L)	DRO (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE (µg/L)	TBA (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	Ethanol (µg/L)	1,2-DCA (µg/L)	EDB (µg/L)	Stoddard Solvent (µg/L)	D.O. (mg/L)	Comments
V-4	09/14/15	DRY	102.84	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
V-5	07/01/14	VOL	102.77	33.75	0.00	69.02	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	Stagnant water
	02/09/15			33.48	0.00	69.29	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	Stagnant water
	02/08/16	**MD, NP**		**33.31**	**0.00**	**69.46**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**0.8**	**Grab sample**
	02/11/16			**-**	**-**	**-**	**82,000**	**-**	**<20**	**41**	**49**	**2,100**	**<20**	**<400**	**<20**	**<20**	**<20**	**-**	**<20**	**<20**	**-**	**-**	
V-6	07/01/14	NS	102.18	56.58	0.00	45.60	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.1	Unable to get water out of well
	02/12/15	VOL		56.52	0.00	45.66	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.1	Insufficient volume
	02/08/16	**MD, NP**		**56.40**	**0.00**	**45.78**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**Grab sample**
	02/11/16			**-**	**-**	**-**	**<50**	**-**	**<0.50**	**<0.50**	**<0.50**	**<1.0**	**0.56**	**<10**	**<0.50**	**<0.50**	**<0.50**	**-**	**<0.50**	**<0.50**	**-**	**-**	
V-7	07/01/14	VOL	102.30	41.60	0.00	60.70	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	Stagnant water
	02/09/15			41.70	0.00	60.60	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	Stagnant water
	02/08/16	**VOL**		**41.63**	**0.00**	**60.67**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	
V-8	09/21/00	NP	-	56.00	0.00	-	77 N	-	0.62	0.93	<0.50	9.7	56	-	-	-	-	-	-	-	-	-	
	03/18/02	NP		56.66	0.00	-	<50	-	<0.50	<0.50	<0.50	<0.50	<0.50	-	-	-	-	-	-	-	-	-	
	06/27/02			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	05/06/03			56.42	0.00	-	<50	-	<0.50	<0.50	<0.50	<0.50	1.1	<20	<0.50	<0.50	<0.50	<100	-	-	<48	2.5	
	07/22/03			56.41	0.00	-	<50	-	<0.50	<0.50	<0.50	<0.50	<0.50	<20	<0.50	<0.50	<0.50	<100	<0.50	<0.50	<52	1.1	
	10/21/03			56.47	0.00	-	<50	110	<0.50	<0.50	<0.50	<0.50	0.50	<20	<0.50	<0.50	<0.50	<100	-	-	<50	1.7	
	02/03/04			56.40	0.00	-	<50	-	<0.50	<0.50	<0.50	<0.50	0.70	<20	<0.50	<0.50	<0.50	<100	<0.50	<0.50	<49	2.0	
	04/14/04			56.44	0.00	-	<50	-	<0.50	<0.50	<0.50	<0.50	1.3	<20	<1.0	<1.0	<1.0	<100	<0.50	<0.50	<47	2.4	
	07/20/04			56.30	0.00	-	<50	-	<0.50	<0.50	<0.50	<0.50	3.4	<20	<0.50	<0.50	<0.50	<100	<0.50	<0.50	<50	1.8	
	10/29/04			56.27	0.00	-	<50	100	<0.50	<0.50	<0.50	<0.50	24	<20	<0.50	<0.50	<0.50	<100	<0.50	<0.50	<48	4.4	
	01/11/05			56.25	0.00	-	<250	-	<2.5	<2.5	<2.5	<2.5	51	<100	<2.5	<2.5	<2.5	<500	<2.5	<2.5	<50	2.1	
	05/03/05			56.15	0.00	-	62	-	<0.50	<0.50	<0.50	<0.50	67	<20	<0.50	<0.50	<0.50	<100	<0.50	<0.50	<50	1.6	
	08/03/05			56.02	0.00	-	<2,500	-	<25	<25	<25	<25	90	<1,000	<25	<25	<25	<5,000	<25	<25	<50	1.8	
	10/28/05			55.85	0.00	-	<100	-	<1.0	<1.0	<1.0	<1.0	110	<40	<1.0	<1.0	<1.0	<200	<1.0	<1.0	<47	1.3	
	01/11/06			55.85	0.00	-	<250	-	<2.5	<2.5	<2.5	<2.5	230	<100	<2.5	<2.5	<2.5	<1,500	<2.5	<2.5	<48	1.8	
	04/17/06			54.83	0.00	-	<500	-	<5.0	<5.0	<5.0	<5.0	340	<200	<5.0	<5.0	<5.0	<3,000	<5.0	<5.0	<48	2.3	
	07/18/06			55.74	0.00	-	930	-	<10	<10	<10	<10	1,000	<400	<10	<10	<10	<6,000	<10	<10	<47	2.1	
	11/13/06			55.70	0.00	-	350	-	<5.0	<5.0	<5.0	<5.0	1,100	<200	<5.0	<5.0	<5.0	<3,000	<5.0	<5.0	<47	1.7	
	01/12/07			55.71	0.00	-	640	-	<5.0	<5.0	<5.0	<5.0	1,000	<200	<5.0	<5.0	<5.0	<3,000	<5.0	<5.0	<47	10.4	
	04/16/07			55.69	0.00	-	440 N	-	<5.0	<5.0	<5.0	<5.0	730	<200	<5.0	<5.0	<5.0	<3,000	<5.0	<5.0	<47	1.7	Past hold time (SS)
	07/06/07			55.85	0.00	-	690 N	-	<2.5	<2.5	<2.5	<2.5	930	<100	<2.5	<2.5	<2.5	<1,500	<2.5	<2.5	<47	3.3	
	10/04/07			56.03	0.00	-	350 N	-	<2.5	<2.5	<2.5	<2.5	610	<100	<2.5	<2.5	<2.5	<1,500	<2.5	<2.5	<47	1.5	
	01/21/08			56.16	0.00	-	<500	-	<5.0	<5.0	<5.0	<5.0	240	<200	<5.0	<5.0	<5.0	<3,000	<5.0	<5.0	<49	2.9	
	04/17/08			56.28	0.00	-	<50	-	<0.50	<0.50	<0.50	0.55	160	11	<0.50	<0.50	<0.50	<300	<0.50	<0.50	<50	3.3	
	07/10/08			56.28	0.00	-	<50	-	<2.5	<2.5	<2.5	<2.5	190	<50	<2.5	<2.5	<2.5	<1,500	<2.5	<2.5	63	1.9	
	10/16/08		101.34	56.30	0.00	45.04	<50	-	<5.0	<5.0	<5.0	<5.0	210	<100	<5.0	<5.0	<5.0	<3,000	<5.0	<5.0	<50	4.6	
	01/22/09			56.37	0.00	44.97	<50	-	<5.0	<5.0	<5.0	<5.0	120	<100	<5.0	<5.0	<5.0	<3,000	<5.0	<5.0	<50	2.0	
	04/22/09			56.44	0.00	44.90	<50	-	<1.0	<1.0	<1.0	<1.0	57	<20	<1.0	<1.0	<1.0	<600	<1.0	<1.0	<50	1.1	
	07/27/09			56.59	0.00	44.75	84 N	-	<1.0	<1.0	<1.0	<1.0	79	<20	<1.0	<1.0	<1.0	<600	<1.0	<1.0	<50	3.7	
	10/30/09			57.61	0.00	43.73	<50	-	<1.0	<1.0	<1.0	<1.0	48	<20	<1.0	<1.0	<1.0	<600	<1.0	<1.0	<50	2.2	
	04/23/10			56.68	0.00	44.66	<50	-	<0.50	<0.50	<0.50	<0.50	9.9	<10	<0.50	<0.50	<0.50	<300	<0.50	<0.50	-	0.2	
	10/28/10			56.52	0.00	44.82	<50	-	<0.50	<0.50	<0.50	<0.50	16	<10	<0.50	<0.50	<0.50	<300	<0.50	<0.50	<50	0.1	
	04/11/11			56.57	0.00	44.77	<50	-	<1.0	<1.0	<1.0	<1.0	6.4	<20	<1.0	<1.0	<1.0	<600	<1.0	<1.0	<50	0.1	
	10/24/11		101.30	56.30	0.00	45.00	<50	-	<1.0	<1.0	<1.0	<1.0	5.6	<20	<1.0	<1.0	<1.0	<600	<1.0	<1.0	<50	0.7	

Table 2
Historical Groundwater Monitoring & Analytical Data
ARCO Service Station No. 465
151 Southgate Avenue, Daly City, California

Well No.	Date	Notes	TOC Elevation (feet)	Depth to Water (feet)	Measured SPH Thickness (feet)	Calc. GW Elev. (feet)	GRO (µg/L)	DRO (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE (µg/L)	TBA (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	Ethanol (µg/L)	1,2-DCA (µg/L)	EDB (µg/L)	Stoddard Solvent (µg/L)	D.O. (mg/L)	Comments
V-8	04/04/12		101.30	56.25	0.00	45.05	<50	-	<0.50	<0.50	<0.50	<0.50	2.0	<10	<0.50	<0.50	<0.50	<300	<0.50	<0.50	<50	2.2	
	07/25/12	‡		56.50	0.00	44.80	<50	-	<0.50	<0.50	<0.50	<1.0	3.8	<10	<0.50	<0.50	<0.50	<150	<0.50	<0.50	<47	0.2	
	10/03/12	MD		56.59	0.00	44.71	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.7	
	10/04/12	‡		-	-	-	<50	-	<0.50	<0.50	<0.50	<1.0	24	<10	<0.50	<0.50	<0.50	<150	<0.50	<0.50	<48	-	
	01/14/13	‡		56.70	0.00	44.60	<50	-	<0.50	<0.50	<0.50	<1.0	21	<10	<0.50	<0.50	<0.50	<150	<0.50	<0.50	<48	0.6	
	04/01/13	MD		56.70	0.00	44.60	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.2	
	04/02/13	‡		-	-	-	<50	-	<0.50	<0.50	<0.50	<1.0	11	<10	<0.50	<0.50	<0.50	-	<0.50	<0.50	<56	-	
	07/25/13	MD		56.79	0.00	44.51	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	07/26/13	‡		-	-	-	<50	-	<0.50	<0.50	<0.50	<1.0	15	<10	<0.50	<0.50	<0.50	<150	<0.50	<0.50	<47	-	
	10/29/13	‡		56.83	0.00	44.47	<50	-	<0.50	<0.50	<0.50	<1.0	40	<10	<0.50	<0.50	<0.50	<150	<0.50	<0.50	<47	0.4	
	01/21/14	MD		56.73	0.00	44.57	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.2	
	01/22/14	‡		-	-	-	<50	-	<0.50	<0.50	<0.50	<1.0	20	<10	<0.50	<0.50	<0.50	-	<0.50	<0.50	<48	-	
	07/01/14	MD		56.13	0.00	45.17	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.2	
	07/02/14	‡		-	-	-	<50	-	<0.50	<0.50	<0.50	<1.0	<0.50	<10	<0.50	<0.50	<0.50	-	<0.50	<0.50	<47	-	
	02/09/15	MD		57.42	0.00	43.88	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.1	
	02/12/15			-	-	-	<50	-	<0.50	<0.50	<0.50	<1.0	5.5	<10	<0.50	<0.50	<0.50	-	<0.50	<0.50	<51	-	
	02/08/16	**VOL**		**56.92**	**0.00**	**44.38**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**5.0**	
V-9	07/01/14	VOL	101.16	39.30	0.00	61.86	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	Stagnant water
	02/08/16	**MD, NP**		**39.35**	**0.00**	**61.81**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**0.7**	**Grab sample**
	02/11/16			**-**	**-**	**-**	**<50**	**-**	**0.50**	**<0.50**	**<0.50**	**<1.0**	**6.7**	**<10**	**<0.50**	**<0.50**	**<0.50**	**-**	**<0.50**	**<0.50**	**-**	**-**	
V-10	07/01/14	VOL	103.59	34.71	0.00	68.88	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	Stagnant water
	02/08/16	**MD, NP**		**34.70**	**0.00**	**68.89**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**1.0**	**Grab sample**
	02/11/16			**-**	**-**	**-**	**520**	**-**	**1.6**	**<0.50**	**2.5**	**14**	**12**	**<10**	**<0.50**	**<0.50**	**<0.50**	**-**	**<0.50**	**<0.50**	**-**	**-**	
V-12	**02/08/16**	**VOL**	**105.33**	**89.13**	**0.00**	**16.20**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**0.6**	
V-13	**02/08/16**	**VOL**	**102.90**	**89.07**	**0.00**	**13.83**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**0.8**	

Table 2
Historical Groundwater Monitoring & Analytical Data
ARCO Service Station No. 465
151 Southgate Avenue, Daly City, California

Notes:

GRO = Gasoline range organics
DRO = Diesel range organics
B = Benzene
T = Toluene
E = Ethylbenzene
X = Total xylenes
MTBE = Methyl tert-butyl ether
TBA = Tert-butyl alcohol
DIPE = Di-isopropyl ether
ETBE = Ethyl tert-butyl ether
TAME = Tert-amyl methyl ether
1,2-DCA = 1,2 Dichloroethane
EDB = 1,2-Dibromoethane
D.O. = Dissolved Oxygen; rounded to the nearest tenth
SPH = Separate phase hydrocarbons
TOC = Top of casing (surveyed)
Calc. GW Elev. = Calculated groundwater elevation = TOC - Depth to Water + 0.75*(Measured SPH Thickness); assuming a specific gravity of 0.75 for SPH
ft-MSL = feet above mean sea level
mg/L = Milligrams per liter
µg/L = Micrograms per liter
< = Analyte was not detected above the specified method reporting limit
- = Not measured or analyzed
‡ = Sample collected during SVE System Operation
DRY = Well dry during gauging; not sampled
INA = Well inaccessible; not sampled
MD = Sampling & gauging performed over multiple days during this event
N = Identity of contaminant uncertain (hydrocarbon pattern atypical of indicated analyte); see lab report
NP = Well not purged prior to sampling
NS = Well not sampled
NSP = Well not sampled this event, in accordance with groundwater sampling schedule
VOL = Well not sampled due to insufficient volume of water in well
SS = Stoddard Solvent
* = Insufficient groundwater in well for purging
** = Insufficient groundwater in well for purging. Groundwater elevation considered anomalous
*** = Depth to water > Depth of well. Data Invalid; gauging measurement for MW-9 is erroneous.

Additional Notes:

Refer to the reports in which data was first presented for more information on historical data.
Beginning with the first quarter 2003 sampling event (3/28/03), TPH-g, benzene, toluene, ethylbenzene, total xylenes, and MTBE analyzed using EPA Method 8260B.
Beginning in the fourth quarter 2003, the laboratory modified the reported analyte list. TPH-g was changed to GRO. The resulting data may be impacted by the potential of non-TPH-g analytes within the requested fuel range resulting in a higher concentration being reported.
Beginning in the second quarter 2004, the carbon range for GRO was changed from C6-C10 to C4-C12.
The data within this table collected prior to July 2006 was provided to Stantec by RM and their previous consultants. Stantec has not verified the accuracy of this information.
Beginning in the second quarter 2008, the carbon range for GRO was changed from C4-C12 to C6-C12.
SVE system started for continuous operation on October 24,2012; therefore groundwater samples collected after this date affects the interpretation of the data.
Groundwater samples from wells MW-4D and MW-16 sampled on 2/12/15 and 2/13/15, respectively, were collected less than 48 hours after well development and may not be representative.
Stoddard Solvent data for wells MW-3D, MW-6D, MW-7, and MW-9 sampled on February 2015 is invalid, likely laboratory cross contamination.

Table 3
Groundwater Flow Direction and Gradient Data
ARCO Service Station No. 465
151 Southgate Avenue, Daly City, California

Well No.	Monitoring Date	DTW (ft bgs)	SPH Thickness (feet)	Groundwater Gradient (feet per foot)	Groundwater Flow Direction															
					N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW
MW-1	03/18/02	54.72	0.00	0.003											1					
	06/27/02	54.63	0.00	0.023	1															
	09/25/02	54.60	0.00	0.013			1													
	12/13/02	54.60	0.00	0.012			1													
	03/28/03	54.62	0.00	0.019			1													
	05/06/03	54.51	0.00	0.019		1														
	07/22/03	54.60	0.00	0.015		1														
	10/21/03	54.68	0.00	0.011		1														
	02/03/04	54.62	0.00	0.017		1														
	04/14/04	54.64	0.00	0.013			1													
	07/20/04	54.56	0.00	0.018			1													
	10/29/04	54.39	0.00	0.006		1														
	01/11/05	54.36	0.00	0.020		1														
	05/03/05	54.40	0.00	0.020		1														
	08/03/05	54.14	0.00	0.010			1													
	10/28/05	54.00	0.00	0.006					1											
	01/11/06	54.15	0.00	0.009			1													
	04/17/06	54.11	0.00	0.009					1											
	07/18/06	53.92	0.00	0.009				1												
	11/13/06	53.86	0.00	0.009				1												
	01/12/07	53.81	0.00	0.009				1												
	04/16/07	53.84	0.00	0.008				1												
	07/06/07	54.04	0.00	0.009				1												
	10/04/07	54.21	0.00	0.009					1											
	01/21/08	54.33	0.00	0.009					1											
	04/17/08	54.50	0.00	0.010				1												
	07/10/08	54.45	0.00	0.009				1												
	10/16/08	54.52	0.00	0.013 to 0.036	1															
	01/22/09	54.54	0.00	0.018								1								
	04/22/09	54.61	0.00	0.002								1								
	07/27/09	54.75	0.00	0.012																1
	10/30/09	54.80	0.00	0.033 to 0.038			0.5					0.5								
	04/23/10	54.89	0.00	0.002										1						
	10/28/10	54.72	0.00	0.012										1						
	04/11/11	54.87	0.00	0.002 to 0.007						0.5				0.5						
	10/24/11	54.49	0.00	0.011										1						
	04/04/12	54.45	0.00	0.008										1						

Table 3
Groundwater Flow Direction and Gradient Data
ARCO Service Station No. 465
151 Southgate Avenue, Daly City, California

Well No.	Monitoring Date	DTW (ft bgs)	SPH Thickness (feet)	Groundwater Gradient (feet per foot)	Groundwater Flow Direction															
					N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW
MW-1	10/03/12	54.80	0.00	0.006									**1**							
	01/14/13	55.00	0.00	0.007									**1**							
	04/01/13	55.50	0.00	0.012								**1**								
	07/25/13	55.57	0.00	0.006 to 0.020						**0.5**						**1**				
	10/29/13	55.10	0.00	0.017									**1**							
	01/21/14	55.22	0.00	0.007								**1**								
MW-5	07/01/14	56.91	0.00	0.029	**1**															
	02/09/15	58.55	0.00	0.025						**1.0**										
	09/14/15	58.47	0.00	0.008 to 0.026				**1**												
	02/08/16	58.48	0.00	0.005 to 0.006				**0.5**											**0.5**	
Average Values		**54.84**	**0.00**	**0.012**	**3.0**	**7.0**	**7.5**	**8.5**	**4.0**	**2.0**	**0.0**	**4.5**	**3.0**	**4.5**	**1.0**	**0.5**	**0.0**	**0.0**	**0.5**	**1.0**
Minumum Values		**53.81**	**0.00**	**0.002**																
Maximum Values		**58.55**	**0.00**	**0.038**																

Explanation
TOC = Top of Casing (elevation in feet above mean sea level)
DTW = Depth to water below grade surface as measured from TOC
SPH = Separate-phase hydrocarbons

Number of Events **47 Events**

Source: Historical Groundwater Gradient Maps (Pre 2006) from URS.

Table 4
Soil Boring and Well Construction Details
ARCO Service Station No. 465
151 Southgate Avenue, Daly City, California

Well I.D.	Drill Date	Well		Screen		Screen Length (feet)	Comments
		Depth (feet bgs)	Diameter (inches)	Top (feet bgs)	Bottom (feet bgs)		
Soil Borings							
SB-1	11/29/01	57.0	--	--	--	--	SECOR boring
SB-1A	07/19/05	71.5	--	--	--	--	URS boring
SB-2	07/18/05	71.5	--	--	--	--	
SB-3	07/15/05	81.5	--	--	--	--	
SB-4	09/29/05	55.0	--	--	--	--	
SB-5	09/29/05	50.0	--	--	--	--	
SB-6	09/26/05	5.0	--	--	--	--	Refusal 5 ft, No Samples
SB-7	09/27/05	60.0	--	--	--	--	
SB-8	09/27/05	75.0	--	--	--	--	
SB-9	09/27/05	60.0	--	--	--	--	
SB-10	09/28/05	50.0	--	--	--	--	
SB-11	03/21/13	120.0	--	--	--	--	
SB-12	03/27/13	100.0	--	--	--	--	
SB-13	03/25/13	100.0	--	--	--	--	
SB-14	01/08/15	130.0	--	--	--	--	
SB-15	12/10/14	180.5	--	--	--	--	
SB-16	01/13/15	133.0	--	--	--	--	
SB-17	01/14/15	130.0	--	--	--	--	
SB-18	10/21/15	130.0	--	--	--	--	Drlled from 10/21/15 - 10/22/15
SB-19	11/03/15	130.0	--	--	--	--	Drlled from 11/3/15 - 11/4/15
SB-20	10/27/15	23.5	--	--	--	--	Refusal at 23.5 ft
SB-20B	10/28/15	23.5	--	--	--	--	Refusal at 23.5 ft
SB-20C	Pending		--	--	--	--	Pending
SB-21	10/29/15	40.0	--	--	--	--	
SB-22	10/29/15	35.0	--	--	--	--	
MW-5A	04/03/03	85.0	--	--	--	--	
CSB-1	01/20/98	30.5	--	--	--	--	
CSB-2	01/21/98	30.5	--	--	--	--	
CSB-3	01/20/98	31.5	--	--	--	--	
CSB-4	01/21/98	55.5	--	--	--	--	
CSB-5	01/20/98	30.5	--	--	--	--	
CSB-6	01/20/98	55.5	--	--	--	--	
HA-1	12/10/14	5.0	--	--	--	--	
HA-2	12/10/14	5.0	--	--	--	--	
HA-3	12/09/14	5.0	--	--	--	--	
Monitoring Wells							
MW-1	03/16/92	70.5	4	50.0	70.5	21.0	Destroyed 10/30/15
MW-1R	12/22/14	61.5	4	40.0	60.0	20.0	plug back 61.5 to 60 ft bgs
MW-2	03/20/92	61.5	4	51.0	61.5	10.5	Onsite deep SVE Well
MW-3D	08/05/92	220.0	4	205.0	220.0	15.0	Deep Monitoring Well
MW-4	05/20/93	68.0	4	31.5	61.5	30.0	
MW-4D	02/04/15	160.0	4	140.0	160.0	20.0	Deep Monitoring Well
MW-5	11/29/01	60.0	4	40.0	60.0	20.0	Onsite deep SVE well
MW-5D	01/23/15	165.0	4	144.0	164.0	20.0	Deep Monitoring Well

Table 4
Soil Boring and Well Construction Details
ARCO Service Station No. 465
151 Southgate Avenue, Daly City, California

Well I.D.	Drill Date	Well		Screen		Screen Length (feet)	Comments
		Depth (feet bgs)	Diameter (inches)	Top (feet bgs)	Bottom (feet bgs)		
Monitoring Wells (continued)							
MW-6	11/30/01	60.0	4	38.0	60.0	22.0	
MW-6D	01/29/15	166.0	4	146.0	166.0	20.0	Deep Monitoring Well
MW-7	08/28/08	61.0	2	45.0	60.0	15.0	Offsite Well
MW-7D	01/20/15	160.0	4	140.0	160.0	20.0	Deep Monitoring Well
MW-8	08/28/08	59.0	2	41.0	56.0	15.0	Offsite Well
MW-9	08/29/08	56.0	2	39.0	49.0	10.0	Offsite Well
MW-10	06/29/10	60.0	4	40.0	60.0	20.0	Onsite deep SVE Well
MW-11	06/30/11	70.0	4	30.0	50.0	20.0	Offsite well, Destroyed 11/05/15
MW-11R	11/05/15	70.0	2	50.0	65.0	15.0	Redrill deepening of MW-11
MW-12	06/28/11	58.0	4	39.0	58.0	19.0	Offsite well
MW-13	01/07/15	80.5	2	17.0	32.0	15.0	plug back 80 to 34 ft bgs
MW-14	01/05/15	80.5	2	38.0	58.0	20.0	plug back 80.5 to 58 ft bgs
MW-15	12/18/14	90.0	4	39.0	58.5	19.5	plug back 90 to 59 ft bgs
MW-16	01/28/15	62.5	2	52.5	62.5	10.0	
MW-17	01/28/15	60.0	2	48.0	58.0	10.0	plug back 60 to 58 ft bgs
MW-18	10/26/15	64.5	2	54.5	64.5	10.0	Offsite Well
MW-19	pending	60.0	2	45.0	60.0	15.0	adjacent to SB-20
Vapor Extraction Wells							
V-1	03/17/92	31.0	4	15.0	30.5	15.5	
V-2	03/19/92	30.5	4	15.0	30.5	15.5	
V-3	03/17/92	31.0	4	15.0	30.5	15.5	Destroyed 8/29/2000
V-4	03/26/92	65.0	4	15.0	35.5	20.5	
V-5	03/18/92	90.0	4	15.0	35.5	20.5	
V-6	03/31/92	80.5	4	37.0	57.5	20.5	
V-7	07/22/92	85.0	4	20.0	40.0	20.0	
V-8	05/19/93	85.0	4	31.5	61.5	30.0	
V-9	06/27/11	40.0	4	20.0	40.0	20.0	
V-10	06/29/11	36.0	4	15.5	35.5	20.0	
V-11	12/16/14	121.0	4	70.0	90.0	20.0	plug back 121 to 90 ft bgs
V-12	10/15/15	90.0	4	70.0	90.0	20.0	
V-13	10/13/15	90.0	4	70.0	90.0	20.0	
Soil Vapor Probe							
SV-1S	06/07/11	5.5	0.75	5.0	5.5	0.5	Nested Soil Vapor Probe
SV-1D	06/07/11	10.0	1	9	10	1	Nested Soil Vapor Probe

Explanation

Wells are of poly-vinyl-chloride (PVC) construction

bgs = Below ground surface

-- = Denotes unknown data or not applicable

Table 5
Soil Vapor Extraction System - Performance Data
ARCO Service Station No. 465
151 Southgate Avenue, Daly City, California

Operational Data							FID / PID Readings				
Date	Notes	SVE Hours	Period Uptime (%)	Total Uptime (%)	Vapor Extraction Flow (scfm)	Oxidizer Temp. (^{o}F)	Influent (ppmv)	Effluent (ppmv)	Lbs/day recovered	Lbs/day emissions	Destruction Efficiency
6/29/2012	a, b	21.6	-	-	136	CARBON	47	3	2.0	0.1	93.6%
7/2/2012	b	NC	NC	NC	183	CARBON	104	0	6.0	0.0	100.0%
7/3/2012	b	36.2	NC	NC	135	CARBON	650	0	27	0.0	100.0%
8/29/2012	b	42.2	NC	NC	197	CARBON	630	0	39	0.0	100.0%
8/30/2012	b	50.6	NC	NC	201	CARBON	406	0	26	0.0	100.0%
10/22/2012		62.1	NC	NC	275	1,500	2,426	2	208	0.2	99.9%
10/24/2012		62.3	NC	NC	297	1,511	543	5	50	0.5	99.1%
10/26/2012		110.1	100%	100%	252	1,511	145	0	11	0.0	100.0%
10/30/2012	b	114.40	4%	36%	288	1,517	670	3	60	0.3	99.6%
11/7/2012		302.60	100%	72%	262	1,512	2,260	0	185	0.0	100.0%
11/13/2012		373.52	49%	65%	232	1,515	3,540	0	257	0.0	100.0%
11/20/2012		535.48	96%	73%	253	1,508	3,129	0	248	0.0	100.0%
11/27/2012		628.17	55%	69%	249	1,517	1,430	0	111	0.0	100.0%
12/4/2012		794.47	100%	74%	244	1,510	1,010	0	77	0.0	100.0%
12/12/2012		988.74	100%	79%	186	1,509	1,783	0	104	0.0	100.0%
12/19/2012		1,037.30	29%	73%	191	1,512	426	0	25	0.0	100.0%
1/2/2013		1,116.25	23%	63%	208	1,507	3,713	0	241	0.0	100.0%
1/9/2013		1,127.48	7%	58%	208	1,508	3,554	0	231	0.0	100.0%
1/17/2013		1,134.80	4%	53%	198	1,513	3,390	0	210	0.0	100.0%
1/25/2013		1,190.02	29%	51%	247	1,510	910	0	70	0.0	100.0%
1/30/2013		1,310.86	100%	53%	190	1,505	857	0	51	0.0	100.0%
2/8/2013		1,527.55	100%	57%	208	1,506	980	0	64	0.0	100.0%
2/13/2013		1,646.96	100%	59%	194	1,510	504	0	31	0.0	100.0%
2/21/2013		1,841.14	100%	62%	230	1,509	422	0	30	0.0	100.0%
2/26/2013		1,958.29	100%	63%	195	1,507	380	0	23	0.0	100.0%
3/6/2013	c	2,151.51	100%	65%	138	1,513	724	0	31	0.0	100.0%
3/14/2013		2,342.70	100%	67%	203	1,515	960	0	61	0.0	100.0%
3/21/2013		2,508.65	100%	69%	230	1,515	1,000	0	72	0.0	100.0%
3/26/2013		2,633.15	100%	70%	163	1,510	1,100	0	56	0.0	100.0%
4/3/2013		2,821.84	100%	71%	199	1,511	826	0	51	0.0	100.0%
4/10/2013		2,846.82	15%	69%	233	1,518	900	0	66	0.0	100.0%
4/17/2013		3,013.60	100%	70%	247	1,504	720	0	56	0.0	100.0%
4/23/2013		3,158.64	100%	71%	168	1,515	594	0	31	0.0	100.0%
4/30/2013	d	3,325.80	100%	72%	193	1,515	673	0	41	0.0	100.0%

Table 5
Soil Vapor Extraction System - Performance Data
ARCO Service Station No. 465
151 Southgate Avenue, Daly City, California

Operational Data							FID / PID Readings				
Date	Notes	SVE Hours	Period Uptime (%)	Total Uptime (%)	Vapor Extraction Flow (scfm)	Oxidizer Temp. (^{o}F)	Influent (ppmv)	Effluent (ppmv)	Lbs/day recovered	Lbs/day emissions	Destruction Efficiency
5/6/2013	e	3,470.60	100%	73%	192	1,510	490	0	29	0.0	100.0%
5/15/2013	d	3,599.17	60%	73%	280	1,510	273	0	24	0.0	100.0%
5/22/2013		3,677.00	46%	72%	270	1,508	377	0	32	0.0	100.0%
5/30/2013		3,773.86	50%	71%	250	1,508	392	0	31	0.0	100.0%
6/6/2013		3,780.50	4%	69%	184	1,505	549	0	32	0.0	100.0%
6/12/2013		3,930.09	100%	70%	187	1,505	509	0	30	0.0	100.0%
6/20/2013		4,116.64	97%	71%	186	1,510	300	0	17	0.0	100.0%
6/26/2013		4,259.06	100%	71%	183	1,511	276	0	16	0.0	100.0%
7/2/2013		4,401.53	100%	72%	201	1,509	256	0	16	0.0	100.0%
7/12/2013		4,648.13	100%	73%	170	1,510	270	0	14	0.0	100.0%
7/18/2013		4,786.33	96%	74%	208	1,510	285	0	19	0.0	100.0%
7/22/2013		4,883.20	100%	74%	200	1,510	290	0	18	0.0	100.0%
8/1/2013		5,123.17	100%	75%	201	1,513	328	0	21	0.0	100.0%
8/5/2013		5,221.48	100%	75%	181	1,511	310	0	18	0.0	100.0%
8/12/2013		5,386.73	98%	76%	198	1,510	210	0	13	0.0	100.0%
8/22/2013		5,626.46	100%	77%	180	1,510	326	0	18	0.0	100.0%
8/27/2013		5,745.80	100%	77%	198	1,511	334	0	21	0.0	100.0%
9/3/2013	f	5,801.84	33%	76%	230	1,520	210	0	15	0.0	100.0%
9/9/2013		5,944.51	100%	77%	201	1,511	267	0	17	0.0	100.0%
9/17/2013		6,140.41	100%	77%	181	1,508	256	0	14	0.0	100.0%
9/23/2013		6,285.02	100%	78%	141	1,511	209	0	9	0.0	100.0%
10/1/2013		6,472.76	98%	78%	200	1,512	210	0	13	0.0	100.0%
10/21/2013		6,952.61	100%	79%	202	1,510	227	0	14	0.0	100.0%
10/29/2013	g	7,106.79	80%	79%	NC	NC	NC	NC	--	--	--
11/5/2013		7,108.13	1%	78%	250	1,505	138	0	11	0.0	100.0%
11/18/2013		7,418.63	100%	79%	220	1,513	200	0	14	0.0	100.0%
11/20/2013	h	7,470.21	100%	79%	190	1,510	NC	NC	--	--	--
1/13/2014	i	7,470.39	0%	69%	NC	1,510	164	0	--	--	100.0%
1/21/2014	j	7,477.00	3%	68%	248	1,505	195	0	15	0.0	100.0%
1/27/2014	k	7,480.53	2%	67%	230	1,509	120	0	9	0.0	100.0%
2/14/2014	l	7,780.63	69%	67%	178	1,507	256	NC	--	--	--
2/24/2014		8,019.02	100%	68%	200	1,518	189	0	12	0.0	100.0%
3/5/2014		8,236.17	100%	69%	175	1,517	280	0	15	0.0	100.0%
3/11/2014		8,378.47	100%	69%	212	1,512	215	0	14	0.0	100.0%
3/17/2014		8,522.28	100%	69%	200	1,506	200	0	13	0.0	100.0%

Table 5
Soil Vapor Extraction System - Performance Data
ARCO Service Station No. 465
151 Southgate Avenue, Daly City, California

Operational Data							FID / PID Readings				
Date	Notes	SVE Hours	Period Uptime (%)	Total Uptime (%)	Vapor Extraction Flow (scfm)	Oxidizer Temp. (°F)	Influent (ppmv)	Effluent (ppmv)	Lbs/day recovered	Lbs/day emissions	Destruction Efficiency
4/15/2014		9,218.23	100%	71%	190	1,509	204	0	12	0.0	100.0%
5/9/2014		9,795.55	100%	72%	188	1,510	177	0	10	0.0	100.0%
5/19/2014		10,034.48	100%	73%	195	1,510	143	0	9	0.0	100.0%
6/9/2014	m	10,492.87	91%	73%	220	1,511	128	0	9	0.0	100.0%
6/27/2014		10,923.41	100%	74%	210	1,507	70	0	5	0.0	100.0%
7/11/2014		11,259.85	100%	75%	230	1,508	35	0	3	0.0	100.0%
7/24/2014		11,570.10	100%	75%	257	1,510	34	0	3	0.0	100.0%
8/5/2014		11,857.27	100%	76%	206	1,507	60	0	4	0.0	100.0%
8/19/2014		12,193.33	100%	76%	212	1,508	53	0	4	0.0	100.0%
9/8/2014		12,674.39	100%	77%	200	1,511	51	0	3	0.0	100.0%
9/22/2014		13,009.01	100%	77%	208	1,512	48	0	3	0.0	100.0%
10/6/2014		13,349.06	100%	78%	178	1,508	25	0	1	0.0	100.0%
10/20/2014		13,682.17	100%	78%	181	1,511	NC	NC	--	--	--
10/22/2014		13,731.66	100%	78%	172	1,511	40	0	2	0.0	100.0%
11/3/2014		14,019.44	100%	79%	217	1,508	66	0	4	0.0	100.0%
11/21/2014		14,452.78	100%	79%	219	1,510	340	0	23	0.0	100.0%
12/2/2014	f	14,526.78	73%	78%	199	1,513	48	0	3	0.0	100.0%
12/12/2014	n	14,546.21	19%	77%	225	1,527	21	NC	--	--	--
1/5/2015	o	14,641.82	14%	76%	229	1,519	65	0	5	0.0	100.0%
1/22/2015	p	14,644.86	10%	74%	195	1,516	67.4	0	4	0.0	100.0%
3/20/2015	q	14,651.68	1%	69%	--	--	--	--	--	--	--

REPORTING PERIOD:	**Second and Third Quarter 2015 (March 31, 2015 to September 30, 2015)**
PERIOD OPERATION HOURS:	**0**
TOTAL OPERATION HOURS:	**14,652**
PERIOD OPERATIONAL UPTIME (%)	**0%**
TOTAL OPERATIONAL UPTIME (%)	**61%**
AVERAGE FLOW RATE (scfm):	**0**
AVERAGE LBS RECOVERED PER DAY:	**0**
MAXIMUM LBS RECOVERED PER DAY:	**0**

Table 5
Soil Vapor Extraction System - Performance Data
ARCO Service Station No. 465
151 Southgate Avenue, Daly City, California

Notes:

a = System startup and shakedown in carbon abatement mode

b = PID used for influent, mid-influent, and effluent compliance readings

c = Field optimization following sample collection

d = Well V-10 turned off and well MW-10 turned on prior to departing site

e = Well MW-10 turned off and well V-10 turned on prior to departing site, pending receipt of analytical results.

f = System found shut down due to a triggered glass-covered emergency switch outside the compound

g = System found shut down due to tripped breakers for the enclosure exhaust fan. System was kept shut down in preparation for quarterly groundwater monitoring.

h = Liquid tight electrical conduit for oxidizer exhaust thermocouple was found needing replacement due to heat stress. System was shut down pending replacement.

i = Liquid tight electrical conduit and wiring for oxidizer exhaust thermocouple were replaced. The system was temporarily restarted, tested, and shut down.

j = System temporarily restarted to collect vapor samples and shut down.

k= System restarted based on vapor sample results.

l= System found down on arrival due to flame loss in oxidizer during a drive-by visit conducted on 2/10/14. Restarted w/o incident.

m = System emergency stop was triggered by unknown party following the 5/19/14 site visit. System was inspected for damage then restarted on 5/21/14.

n= System found down on arrival due to possible power failure. System restarted without incident. Effluent FIDs were inadvertently not collected during this visit.

o= System shutdown to accommodate drilling in vicinity of extraction wells. Operated for data collection and shutdown on departure.

p= System down to accommodate drilling in vicinity of extraction wells. Operated for compliance sample collection. System shutdown on departure for rebound testing purposes.

q= Operated on full dilution during visit for quarterly inspection and shut down on departure.

Abbreviations:

"Hg	Inches of mercury
scfm	Standard cubic feet per minute
^{o}F	Degree Fahrenheit
ppmv	Parts per million by volume as hexane
CARBON	Carbon abatement mode
lbs	Pounds
NC	Not collected/ not calculated
FID	Flame ionization detector
PID	Photoionization detector
--	Not calculated

Table 6
Soil Vapor Extraction System - Analytical Data and Mass Recovery
ARCO Service Station No. 465
151 Southgate Avenue, Daly City, California

Vapor System Influent Analytical and Recovery

(In order to show best estimate, recovery calculations assume half of the detection limit when the compound is reported as less than the detection limit.)

Date	Notes	Hourmeter Reading	Avg. Flow (scfm)	GRO (ppmv)	Benzene (ppmv)	Toluene (ppmv)	Ethylbenzene (ppmv)	Xylenes (ppmv)	MtBE (ppmv)	PCE (ppmv)	Benzene/GRO Ratio	Total Influent PCE[a] (lbs/day)	Mass Recovery (lbs) GRO Period	GRO Cum.	GRO lbs/day	Benzene Period	Benzene Cum.	Benzene lbs/day	MtBE Period	MtBE Cum.	MtBE lbs/day
7/2/12	a	36.2	183	**330**	<0.67	<0.67	<0.67	**1.1**	**28**	<0.67	0.2%	0.075	34	34	22	0.027	0.027	0.018	2.5	2.5	1.7
8/30/12		50.6	201	**1,100**	**8.8**	**25**	<6.7	**40**	**340**	**0.047**	0.8%	0.0058	30	64	51	0.15	0.18	0.25	6.8	9.3	11
10/22/12		62.0	275	**2,300**	**15**	**67**	**7.8**	**55**	**390**	<0.20	0.7%	0.034	71	135	149	0.39	0.57	0.81	13	23	28
11/7/12		302.6	262	**2,100**	**9.9**	**77**	**13**	**120**	**590**	<5.0	0.5%	0.81	2,176	2,310	217	9.6	10.2	0.96	427	450	43
11/20/12		535.5	253	**1,800**	**7.2**	**83**	**15**	**118**	**300**	<6.0	0.4%	0.94	1,791	4,101	185	6.1	16	0.63	360	810	37
12/4/12		794.5	244	**1,200**	**3.7**	**49**	**10**	**81**	**230**	<0.80	0.3%	0.12	1,480	5,582	137	4.2	21	0.39	231	1,041	21
12/19/12		1,037.3	191	**1,900**	**3.9**	**67**	**14**	**120**	**150**	<0.86	0.2%	0.10	1,256	6,837	124	2.4	23	0.24	136	1,176	13
1/2/13		1,116.3	208	**1,700**	**4.2**	**62**	**10**	**89**	**160**	<0.88	0.2%	0.11	434	7,272	132	0.76	24	0.23	33	1,209	10
1/17/13		1,134.8	198	**1,700**	**4.3**	**54**	**11**	**110**	**150**	<0.25	0.3%	0.031	98	7,370	127	0.19	24	0.25	7.9	1,217	10
1/30/13		1,310.9	190	**860**	**2.1**	**35**	**7.8**	**69**	**78**	<0.10	0.2%	0.012	670	8,039	91	1.3	25	0.18	53	1,270	7.2
2/13/13		1,647.0	194	**860**	**1.3**	**21**	**6.1**	**49**	**51**	<0.10	0.2%	0.012	851	8,890	61	1.3	26	0.094	56	1,326	4.0
2/26/13		1,958.3	195	**600**	**0.96**	**16**	**4.0**	**29**	**31**	<0.050	0.2%	0.006	677	9,567	52	0.82	27	0.063	34	1,360	2.6
3/14/13		2,342.7	203	**980**	**1.9**	**35**	**7.8**	**70**	**44**	<0.10	0.2%	0.013	925	10,493	58	1.3	29	0.082	39	1,398	2.4
3/26/13		2,633.2	163	**1,200**	**2.0**	**42**	**12**	**110**	**31**	<0.10	0.2%	0.010	887	11,379	73	1.2	30	0.10	27	1,425	2.2
4/10/13		2,846.8	233	**1,200**	**1.1**	**18**	**4.7**	**49**	**19**	<0.10	0.1%	0.014	778	12,157	87	0.78	31	0.088	14	1,440	1.6
4/23/13		3,158.6	168	**940**	**1.2**	**21**	**6.3**	**56**	**14**	<0.10	0.1%	0.010	1,025	13,182	79	0.86	32	0.066	14	1,453	1.1
5/6/13		3,470.6	192	**760**	**0.63**	**15**	**4.6**	**43**	**10**	<0.010	0.1%	0.0012	731	13,913	56	0.61	32	0.047	9.1	1,463	0.70
5/22/13		3,677.0	270	**560**	**0.64**	**9.1**	**2.2**	**25**	**9.3**	<0.050	0.1%	0.0084	482	14,395	56	0.36	32	0.042	6.2	1,469	0.72
6/6/13		3,780.5	184	**610**	**0.77**	**10**	**2.7**	**31**	**8.0**	<0.050	0.1%	0.0057	211	14,606	49	0.20	33	0.046	2.7	1,472	0.64
6/20/13		4,116.6	186	**530**	**0.51**	**12**	**2.3**	**38**	**8.2**	<0.080	0.1%	0.0092	543	15,149	39	0.48	33	0.034	6.8	1,478	0.49
7/2/13		4,401.5	201	**330**	**0.31**	**3.4**	**0.89**	**10**	**3.0**	<0.020	0.1%	0.0025	363	15,512	31	0.27	33	0.023	4.2	1,482	0.35
7/18/13		4,786.3	208	**490**	**0.18**	**3.2**	**0.62**	**7.2**	**1.3**	<0.068	0.0%	0.0087	494	16,006	31	0.23	34	0.014	2.3	1,485	0.14
8/1/13		5,123.2	201	**510**	**0.40**	**8.0**	**1.4**	**19**	**2.9**	<0.10	0.1%	0.0124	528	16,534	38	0.24	34	0.017	2.0	1,487	0.14
8/12/13		5,386.7	198	**480**	**0.45**	**9.1**	**1.6**	**21**	**2.5**	<0.050	0.1%	0.0061	399	16,933	36	0.27	34	0.024	1.9	1,489	0.17
8/27/13		5,745.8	198	**530**	**0.36**	**5.0**	**1.1**	**11**	**0.86**	**0.050**	0.1%	0.0061	550	17,483	37	0.34	35	0.023	1.6	1,490	0.11
9/9/13		5,944.5	201.11	**490**	**0.32**	**8.5**	**1.3**	**20**	**0.95**	--	0.1%	--	310	17,792	37	0.16	35	0.019	0.48	1,491	0.059
10/21/13		6,952.6	202	**400**	**0.38**	**6.9**	**1.8**	**22**	**0.95**	--	0.1%	--	1,385	19,178	33	0.85	36	0.020	2.6	1,493	0.062
11/18/13		7,418.6	220	**260**	**0.31**	**5.4**	**1.3**	**18**	**1.4**	--	0.1%	--	497	19,675	26	0.41	36	0.021	1.6	1,495	0.080
1/21/14		7,477.0	248	**370**	**0.22**	**3.9**	**0.59**	**14**	**0.89**	--	0.1%	--	66	19,741	27	0.04	36	0.018	0.21	1,495	0.087
2/14/14		7,780.6	178	**380**	**0.10**	**1.9**	**0.36**	**7**	**0.36**	--	0.0%	--	372	20,112	29	0.12	36	0.010	0.55	1,496	0.043
3/17/14		8,522.3	200	**300**	**0.16**	**4.7**	**0.91**	**20**	**0.52**	--	0.1%	--	730	20,842	24	0.22	36	0.007	0.83	1,496	0.027
4/15/14		9,218.2	190	**230**	**0.13**	**2.9**	**0.82**	**11**	**0.42**	--	0.1%	--	551	21,393	19	0.24	37	0.008	0.86	1,497	0.030
5/19/14		10,034.5	195	**210**	**0.15**	**4.0**	**1.1**	**15**	**0.59**	--	0.1%	--	530	21,923	16	0.26	37	0.008	1.07	1,498	0.032
6/27/14		10,923.4	210	**77**	**0.040**	**0.86**	**0.17**	**2.7**	**0.50**	--	0.1%	--	396	22,319	11	0.20	37	0.006	1.32	1,500	0.036
7/24/14		11,570.1	257	**53**	**0.059**	**1.2**	**0.24**	**3.9**	**0.59**	--	0.1%	--	150	22,469	6	0.09	37	0.003	1.11	1,501	0.041
8/19/14		12,193.3	212	**82**	**0.029**	**0.87**	**0.16**	**3.8**	**0.26**	--	0.0%	--	151	22,620	6	0.08	37	0.003	0.84	1,502	0.032
9/22/14		13,009.0	208	**61**	**0.041**	**1.3**	**0.18**	**4.4**	**0.27**	--	0.1%	--	188	22,808	6	0.07	37	0.002	0.61	1,502	0.018
10/22/14		13,731.7	172	**42**	<0.050	**0.98**	**0.20**	**5**	**0.26**	--	0.1%	--	108	22,916	4	0.05	37	0.002	0.49	1,503	0.016
11/21/14		14,452.8	219	**71**	**0.041**	**1.0**	**0.20**	**5.3**	**0.28**	--	0.1%	--	122	23,038	4	0.06	37	0.003	0.51	1,503	0.017
12/12/14		14,546.2	225	**37**	**0.0060**	**0.11**	**0.020**	**1.1**	**0.23**	--	0.0%	--	17	23,055	4	0.01	37	0.001	0.07	1,503	0.018
1/22/15		14,641.8	195	**66**	<0.012	<0.12	<0.012	**0.70**	**2.5**	--	0.0%	--	16	23,071	4	0.00	37	0.001	0.37	1,504	0.093
											Thermal Abatement Influent Limits (lbs/day):	**≤ 1.52**									
											Reporting Period:		**Second and Third Quarter 2015 (March 31, 2015 to September 30, 2015)**								
			Period Operating Hours:	0							Period Pounds Removed:		**0**			**0**			**0**		
			Total Operating Hours:	14,642							Total Pounds Removed:		**23,071**			**37**			**1,504**		

Table 6
Soil Vapor Extraction System - Analytical Data and Mass Recovery
ARCO Service Station No. 465
151 Southgate Avenue, Daly City, California

Vapor System Effluent Analytical and Emissions

(In order to show worst case, emissions calculations assume the full detection limit when the compound is reported as less than the detection limit.)												Emissions			
Date	Notes	Hourmeter Reading	Avg. Flow (scfm)	GRO (ppmv)	Benzene (ppmv)	Toluene (ppmv)	Ethylbenzene (ppmv)	MtBE (ppmv)	PCE (ppmv)	VC (ppmv)	enzene/GR Ratio	Destruction Efficiency	GRO (lbs/day)	Benzene (lbs/day)	Ethyl-benzene (lbs/day)	PCE (lbs/day)
7/2/12	a	36.2	183	<1.8	**0.0055**	**0.053**	**0.013**	<0.0040	<0.0040	<0.0040	0.3%	99.5%	0.12	0.0003	0.0009	0.0005
8/30/12		50.6	201	<1.8	<0.0040	**0.0084**	<0.0040	<0.0040	<0.010	NC	0.2%	99.8%	0.13	0.0003	0.0006	0.0012
11/7/12		302.6	262	<1.8	**0.028**	**0.031**	<0.0040	**0.0057**	NC	NC	1.6%	99.9%	0.15	0.0011	0.0004	NC
11/20/12		535.5	253	<1.8	<0.0040	**0.0068**	<0.0040	<0.0040	<0.0040	NC	0.2%	99.9%	0.17	0.0012	0.0004	NC
12/4/12		794.5	244	<1.8	**0.0060**	**0.018**	**0.0036**	**0.011**	NC	NC	0.3%	99.9%	0.16	0.0004	0.0004	NC
1/2/13		1,116.3	208	<2.7	**0.0078**	**0.0053**	<0.0014	<0.0054	NC	NC	0.3%	99.8%	0.19	0.0004	0.0002	NC
2/13/13		1,647.0	194	<1.0	**0.0013**	**0.010**	**0.0059**	**0.0021**	NC	NC	0.1%	99.9%	0.14	0.0003	0.0003	NC
3/14/13		2,342.7	203	<1.0	**0.0011**	<0.0050	<0.00050	<0.0020	NC	NC	0.1%	99.9%	0.07	0.0001	0.0002	NC
4/10/13		2,846.8	233	**1.3**	**0.0026**	**0.0074**	**0.0015**	<0.0020	NC	NC	0.2%	99.9%	0.092	0.0001	0.0001	NC
4/23/13		3,158.6	168	**1.2**	**0.00096**	<0.0050	**0.00077**	<0.0020	NC	NC	0.1%	99.9%	0.092	0.0001	0.0001	NC
5/6/13		3,470.6	192	<1.0	**0.0015**	<0.0050	**0.0016**	<0.0020	NC	NC	0.2%	99.9%	0.073	0.0001	0.0001	NC
6/6/13		3,780.5	184	**1.7**	**0.0033**	**0.0065**	**0.00088**	<0.0020	NC	NC	0.2%	99.7%	0.093	0.0001	0.0001	NC
7/2/13		4,401.5	201	<1.0	**0.0048**	**0.012**	**0.00075**	<0.0020	NC	NC	0.5%	99.9%	0.096	0.0002	0.0001	NC
8/1/13		5,123.2	201	**2.3**	**0.0034**	**0.011**	**0.0013**	<0.0020	NC	NC	0.1%	99.8%	0.122	0.0002	0.0001	NC
9/9/13		5,944.5	201	**1.8**	**0.00092**	<0.0054	<0.00054	<0.0022	NC	NC	0.1%	99.9%	0.152	0.0001	0.0001	NC
10/21/13		6,952.6	202	**2.8**	**0.0039**	**0.021**	**0.0050**	<0.0020	NC	NC	0.1%	99.7%	0.170	0.0001	0.0002	NC
11/18/13		7,418.6	220	<1.0	**0.0029**	**0.0052**	**0.0018**	<0.0020	NC	NC	0.3%	99.9%	0.147	0.0002	0.0003	NC
1/21/14		7,477.0	248	<1.0	**0.0077**	**0.0054**	**0.0018**	**0.0066**	NC	NC	0.8%	99.8%	0.043	0.0004	0.0002	NC
2/14/14		7,780.6	178	**3.5**	**0.0029**	<0.0050	<0.00050	<0.0020	NC	NC	0.1%	99.4%	0.157	0.0003	0.0001	NC
3/17/14		8,522.3	200	**1.9**	**0.0020**	**0.0080**	**0.00060**	<0.0020	NC	NC	0.1%	99.6%	0.188	0.0001	0.0000	NC
4/15/14		9,218.2	190	**2.0**	**0.0027**	<0.0050	<0.00050	<0.0020	NC	NC	0.1%	99.4%	0.140	0.0001	0.0000	NC
5/19/14		10,034.5	195	<1.0	**0.0026**	<0.0050	<0.00050	<0.0020	NC	NC	0.3%	99.8%	0.088	0.0001	0.0000	NC
6/27/14		10,923.4	210	**2.1**	**0.0043**	**0.0057**	**0.00073**	<0.0020	NC	NC	0.2%	99.6%	0.097	0.0002	0.0000	NC
7/24/14		11,570.1	257	**1.2**	**0.0033**	<0.0050	<0.00050	<0.0020	NC	NC	0.3%	99.8%	0.142	0.0003	0.0000	NC
8/19/14		12,193.3	212	**2.1**	**0.0027**	<0.0050	<0.00050	<0.0020	NC	NC	0.1%	99.6%	0.142	0.0002	0.0000	NC
9/22/14		13,009.0	208	**1.4**	**0.0017**	<0.0050	<0.00050	<0.0020	NC	NC	0.1%	99.7%	0.135	0.0001	0.0000	NC
10/22/14		13,731.7	172	**1.0**	**0.0029**	**0.0041**	**0.00089**	<0.0020	NC	NC	0.3%	99.8%	0.084	0.0001	0.0000	NC
11/21/14		14,452.8	219	<1.0	**0.0026**	<0.0050	**0.00091**	<0.0020	NC	NC	0.3%	99.6%	0.054	0.0002	0.0001	NC
12/12/14		14,546.2	225	<1.0	**0.0014**	<0.0050	**0.00050**	<0.0020	NC	NC	0.1%	99.7%	0.041	0.0001	0.0000	NC
1/22/15		14,641.8	195	<1.0	**0.0010**	<0.0050	**0.0011**	<0.0020	NC	NC	0.1%	99.7%	0.039	0.0001	0.0001	NC
Limits:			**≤ 350**					Thermal Abatement Emissions Limits (lbs/day):						**≤ 0.010**	**≤ 0.11**	**NA**

Definitions:

Cum.	Cumulative
lbs	Pounds
ppmv	Parts per million by volume
scfm	Standard cubic feet per minute
GRO	Gasoline Range Organics
PCE	Tetrachloroethene
MtBE	Methyl tertiary-butyl ether
Avg.	Average
--	Data not available
<	Less than stated laboratory method reporting limit
PCE	Tetrachloroethene
NC	Not collected
VC	Vinyl chloride

Test America Molecular Weights

GRO	100.00
Benzene	78.11
Ethylbenzene	106.16
MTBE	88.15

Standard Molecular Weights

PCE	165.83

Calculations:

Removal Rates = [Concentration (average of two consecutive values){ppmv}]*[molecular Weight/24.45(Gas Constant)]*(1 m^3/35.315 CF)*(1 pound/453592 milligrams)*(SCFM (average of two consecutive values))*(60min/hour)*Hours) ==> lbs
Emission = [Concentration(average of two consecutive values){ppmv}]*[molecular Weight/24.45(Gas Constant)]*(1 m^3/35.315 CF)*(1 pound/453592 milligrams)*(SCFM)*(60min/hour)*Hours) ==> lbs
Lab data provided in ug/m3 converted to ppmv according to the equation: ug/m^3 / 1000 x 24.1 / MW = ppmv

Notes

a = Total Influent PCE calculated using full detection limit when the compound is reported as less than the detection limit.

Table 7
Soil Vapor Extraction System - Well Performance Data
ARCO Service Station No. 465
151 Southgate Avenue, Daly City, California

Date		SVE System			V-1			V-2			V-4			V-5			V-6			V-7		
		Hours	Applied Vacuum ("Hg)	Flow Rate (scfm)	Manifold Vacuum ("H_20)	Flow (scfm)	Inf. FID (ppmv)	Manifold Vacuum ("H_20)	Flow (scfm)	Inf. FID (ppmv)	Manifold Vacuum ("H_20)	Flow (scfm)	Inf. FID (ppmv)	Manifold Vacuum ("H_20)	Flow (scfm)	Inf. FID (ppmv)	Manifold Vacuum ("H_20)	Flow (scfm)	Inf. FID (ppmv)	Manifold Vacuum ("H_20)	Flow (scfm)	Inf. FID (ppmv)
6/29/2012	a	**22**	**4**	**136**	53	32	200	29	67	15	60	15	300	44	56	300	35	71	45	33	59	18
7/2/2012		**NC**	**4**	**183**	--	--	--	53	81	234	--	--	--	--	--	--	62	100	140	63	106	25
7/3/2012		**36**	**3**	**161**	45	50	2,262	--	--	--	52	9	193	52	43	248	--	--	--	--	--	--
8/29/2012		**42**	**3**	**201**	18	26	441	19	52	70	38	14	265-PID	22	34	312-PID	15	9	260-PID	23	57	125-PID
10/22/2012		**62**	**3**	**275**	33	26	2,766	26	65	94	33	27	440	30	40	483	31	35	106	29	51	26
10/24/2012		**62**	**2**	**297**	30	21	1,574	23	40	101	31	12	411-PID	27	23	443-PID	28	25	253	26	30	14
10/30/2012		**114**	**2**	**288**	26	24	2,821	19	42	76	27	8	524-PID	24	22	628-PID	22	30	467-PID	22	33	20
11/7/2012		**303**	**3**	**262**	40	19	2,938	31	43	95	39	15	>4440	35	19	455	35	23	517	33	25	108
11/13/2012		**374**	**5**	**232**	35	29	182	15	36	56	58	WET	38	38	29	54	--	--	--	13	30	28
11/20/2012		**535**	**6**	**253**	56	26	1,980	23	36	114	67	22	3,440	46	34	595-PID	--	--	--	27	23	165
11/27/2012		**628**	**4**	**249**	31	29	160	12	32	10	49	24	4,488	34	27	1,220	--	--	--	8	18	31
12/4/2012		**794**	**5**	**244**	48	24	981	20	30	40	61	23	5,270	42	29	1,610	--	--	--	18	20	61
12/12/2012		**989**	**5**	**186**	51	WET	1,440	20	WET	34	60	WET	6,400	41	WET	1,905	--	--	--	17	WET	72
12/19/2012		**1,037**	**5**	**191**	47	21	524	19	27	61	59	19	3,767	43	26	933	--	--	--	18	16	32
1/2/2013		**1,116**	**6**	**208**	56	WET	800	20	WET	133	69	WET	--	47	WET	1,050	--	--	--	18	WET	39
1/9/2013		**1,127**	**6**	**208**	53	23	1,021	19	38	196	70	14	9,370	46	37	2,770	--	--	--	16	22	138
1/17/2013		**1,135**	**6**	**198**	51	20	1228	18	46	290	70	WET	5,576	44	64	3,277	--	--	--	17	20	67
1/25/2013		**1,190**	**4**	**247**	46	23	522	17	29	15	53	166	1,810	38	160	WET	--	--	--	16	16	814
1/30/2013		**1,311**	**5**	**190**	46	23	323	17	28	22	53	171	1,840	37	24	605	--	--	--	16	15	57
2/8/2013	b	**1,528**	**5**	**208**	48	21	139	20	25	23	56	10	968	36	15	258	--	--	--	15	12	32
2/13/2013		**1,647**	**5**	**194**	49	16	297	17	26	38	56	16	670	36	27	500	--	--	--	15	16	16
2/21/2013		**1,841**	**5**	**230**	49	11	560	18	38	12	56	9	2,917	36	38	639	--	--	--	16	18	14
2/26/2013		**1,958**	**5**	**195**	50	20	172	OFF	28	10	55	15	1,815	35	22	487	OFF	18	51	OFF	9	19
3/6/2013	c	**2,152**	**5**	**138**	65	14	542	--	--	--	60	11	3,259	65	63	1,204	--	--	--	--	--	--
3/14/2013		**2,343**	**8**	**203**	104	>200	26	--	--	--	104	190	1,112	105	74	266	--	--	--	--	--	--
3/21/2013		**2,509**	**8**	**230**	104	13	672	--	--	--	103	20	3,275	105	73	1,049	--	--	--	--	--	--
3/26/2013		**2,633**	**8**	**163**	105	42	207	--	--	--	105	21	1,445	106	93	437	--	--	--	--	--	--
4/3/2013		**2,822**	**8**	**199**	107	30	101	--	--	--	106	25	823	107	64	242	--	--	--	--	--	--
4/10/2013		**2,847**	**6**	**233**	85	43	144	--	--	--	84	27	1,230	85	81	405	--	--	--	--	--	--
4/17/2013		**3,014**	**8**	**247**	105	30	453	--	--	--	104	18	2,510	106	82	801	--	--	--	--	--	--
4/23/2013		**3,159**	**8**	**168**	105	46	108	--	--	--	105	37	845	106	87	203	--	--	--	--	--	--
4/30/2013	d	**3,326**	**8**	**193**	106	34	163	--	--	--	105	31	751	106	69	360	--	--	--	--	--	--
5/6/2013	e	**3,471**	**7**	**192**	92	37	134	--	--	--	92	32	755	92	78	420	--	--	--	--	--	--
5/15/2013	d	**3,599**	**6**	**280**	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
5/22/2013		**3,677**	**6**	**270**	81	28	168	--	--	--	80	19	1,680	81	63	556	--	--	--	--	--	--
5/30/2013		**3,774**	**7**	**250**	88	14	343	--	--	--	87	13	1,651	88	53	821	--	--	--	--	--	--
6/6/2013	f	**3,781**	**6**	**184**	78	49	138	--	--	--	77	44	855	78	113	416	--	--	--	--	--	--
6/12/2013	g	**3,930**	**7**	**187**	90	42	115	--	--	--	89	36	625	90	95	300	--	--	--	--	--	--
6/20/2013	h	**4,117**	**6**	**186**	79	41	241	--	--	--	79	31	1,218	79	94	608	--	--	--	--	--	--
6/26/2013		**4,259**	**6**	**183**	78	27	430	--	--	--	78	31	1,895	--	--	--	--	--	--	--	--	--

Table 7
Soil Vapor Extraction System - Well Performance Data
ARCO Service Station No. 465
151 Southgate Avenue, Daly City, California

Date	SVE System			V-1			V-2			V-4			V-5			V-6			V-7		
	Hours	Applied Vacuum ("Hg)	Flow Rate (scfm)	Manifold Vacuum ("H_20)	Flow (scfm)	Inf. FID (ppmv)	Manifold Vacuum ("H_20)	Flow (scfm)	Inf. FID (ppmv)	Manifold Vacuum ("H_20)	Flow (scfm)	Inf. FID (ppmv)	Manifold Vacuum ("H_20)	Flow (scfm)	Inf. FID (ppmv)	Manifold Vacuum ("H_20)	Flow (scfm)	Inf. FID (ppmv)	Manifold Vacuum ("H_20)	Flow (scfm)	Inf. FID (ppmv)
8/1/2013	**5,123**	**7**	**201**	89	29	221	--	--	--	88	24	1,120	89	80	640	--	--	--	--	--	--
8/5/2013	**5,221**	**7**	**181**	87	30	321	--	--	--	86	27	1,350	87	78	797	--	--	--	--	--	--
8/12/2013	**5,387**	**7**	**198**	87	29	220	--	--	--	86	25	890	87	78	567	--	--	--	--	--	--
8/22/2013	**5,626**	**7**	**180**	97	33	228	--	--	--	96	27	1,165	97	80	529	--	--	--	--	--	--
8/27/2013	**5,746**	**7**	**198**	96	27	173	--	--	--	95	23	1,020	96	74	429	--	--	--	--	--	--
9/3/2013	**5,802**	**6**	**230**	76	46	125	--	--	--	76	23	575	77	79	409	--	--	--	--	--	--
9/9/2016	**5,945**	**7**	**201**	94	30	152	--	--	--	93	24	900	94	71	444	--	--	--	--	--	--
9/17/2013	**6,140**	**7**	**181**	92	42	169	--	--	--	92	26	776	92	96	398	--	--	--	--	--	--
9/23/2013	**6,285**	**7**	**141**	92	66	186	--	--	--	91	36	780	92	136	393	--	--	--	--	--	--
10/1/2013	**6,473**	**7**	**200**	94	28	158	--	--	--	93	15	928	94	76	388	--	--	--	--	--	--
10/21/2013	**6,953**	**7**	**202**	95	80	119	--	--	--	94	87	406	95	70	250	--	--	--	--	--	--
11/5/2013	**7,108**	**5**	**250**	67	120	168	--	--	--	67	78	363	67	171	299	--	--	--	--	--	--
11/18/2013	**7,419**	**5**	**220**	63	59	200	--	--	--	62	65	270	63	58	243	--	--	--	--	--	--
1/13/2014	**7,470**	**5**	**--**	68	64	53	--	--	5	68	29	230	68	82	151	--	--	2	--	--	9
1/21/2014	**7,477**	**4**	**248**	51	--	142	--	--	0	51	--	398	51	--	316	52	--	32	--	--	0
1/27/2014	**7,481**	**4**	**230**	49	18	108	--	--	--	49	87	306	49	89	290	--	--	--	--	--	--
2/14/2014	**7,781**	**6**	**178**	75	95	169	--	--	--	75	WET	380	75	77	275	--	--	--	--	--	--
2/24/2014	**8,019**	**6**	**200**	76	35	93	--	--	--	75	WET	140	76	64	115	--	--	--	--	--	--
3/5/2014	**8,236**	**8**	**175**	76	WET	127	--	--	--	76	WET	256	77	78	172	--	--	--	--	--	--
3/11/2014	**8,378**	**6**	**212**	76	49	104	--	--	2	75	45	179	76	53	154	--	--	4	--	--	5
3/17/2014	**8,522**	**6**	**200**	74	48	166	--	--	--	74	40	270	75	48	209	--	--	--	--	--	--
4/15/2014	**9,218**	**6**	**190**	78	49	150	--	--	0	78	49	177	78	65	157	--	--	0	--	--	4
5/9/2014	**9,796**	**7**	**188**	90	53	118	67	104	4	90	51	219	91	77	177	67	112	2	66	97	7
5/19/2014	**10,034**	**7**	**195**	90	49	128	66	110	2	90	44	221	91	75	187	68	105	1	67	104	5
6/9/2014	**10,493**	**7**	**220**	91	36	119	--	--	--	91	31	189	92	104	212	--	--	--	--	--	--
6/27/2014	**10,923**	**6**	**210**	80	43	116	--	--	0	79	44	127	--	--	315	--	--	0	--	--	13
7/11/2014	**11,260**	**4**	**230**	71	49	126	--	--	--	71	45	143	--	--	--	--	--	--	--	--	--
7/24/2014	**11,570**	**6**	**257**	78	47	134	--	--	--	78	46	147	--	--	--	--	--	--	--	--	--
8/5/2014	**11,857**	**6**	**206**	79	40	195	--	--	--	78	38	166	--	--	--	--	--	--	--	--	--
8/19/2014	**12,193**	**6**	**212**	79	48	140	--	--	--	78	46	147	--	--	--	--	--	--	--	--	--
9/8/2014	**12,674**	**6**	**200**	79	46	113	--	--	--	78	41	105	--	--	--	--	--	--	--	--	--
9/22/2014	**13,009**	**6**	**208**	77	60	119	--	--	--	76	62	134	87	81	602	--	--	--	--	--	--
10/6/2014	**13,349**	**6**	**178**	76	52	114	--	--	--	75	47	95	--	--	--	--	--	--	--	--	--
10/20/2014	**13,682**	**6**	**181**	76	44	--	--	--	--	75	46	--	--	--	--	--	--	--	--	--	--
10/22/2014	**13,732**	**6**	**172**	76	61	111	--	--	--	76	42	97	--	--	--	--	--	--	--	--	--
11/3/2014	**14,019**	**6**	**217**	79	44	131	--	--	--	78	38	175	--	--	--	--	--	--	--	--	--
11/21/2014	**14,453**	**6**	**219**	78	--	770	--	--	--	77	--	860	--	--	--	--	--	--	--	--	--
12/2/2014	**14,527**	**5**	**199**	66	58	66	--	--	--	65	55	128	--	--	--	--	--	--	--	--	--
12/12/2014	**14,546**	**5**	**225**	67	61	65	--	--	--	66	--	89	--	--	--	--	--	--	--	--	--
1/5/2015	**14,642**	**5**	**229**	68	49	240	--	--	--	68	59	165	--	--	--	--	--	--	--	--	--
1/22/2015	**14,645**	**5**	**195**	64	--	187	--	--	--	63	--	280	--	--	--	--	--	--	--	--	--

Table 7
Soil Vapor Extraction System - Well Performance Data
ARCO Service Station No. 465
151 Southgate Avenue, Daly City, California

Date	V-8			V-9			V-10			MW-1			MW-2			MW-5			MW-10		
	Manifold Vacuum ("H_20)	Flow (scfm)	Inf. FID (ppmv)	Manifold Vacuum ("H_20)	Flow (scfm)	Inf. FID (ppmv)	Manifold Vacuum ("H_20)	Flow (scfm)	Inf. FID (ppmv)	Manifold Vacuum ("H_20)	Flow (scfm)	Inf. FID (ppmv)	Manifold Vacuum ("H_20)	Flow (scfm)	Inf. FID (ppmv)	Manifold Vacuum ("H_20)	Flow (scfm)	Inf. FID (ppmv)	Manifold Vacuum ("H_20)	Flow (scfm)	Inf. FID (ppmv)
6/29/2012	26	72	50	38	65	420	37	57	365	43	33	4	49	40	6	31	83	400	33	68	400
7/2/2012	53	90	139-PID	--	--	--	--	--	--	52	33	32-PID	61	59	14	--	--	--	--	--	--
7/3/2012	--	--	--	37	63	355-PID	52	61	281	--	--	--	--	--	--	37	79	490-PID	37	71	507-PID
8/29/2012	15	20	100	16	25	490-PID	12	27	427-PID	33	43	422	35	33	120-PID	16	51	530-PID	11	29	579-PID
10/22/2012	29	55	62	30	91	703	27	68	650	28	22	5	33	19	17	26	48	801	25	47	912
10/24/2012	25	33	155	27	29	395	25	29	160-PID	24	19	504-PID	29	17	98-PID	--	--	--	--	--	--
10/30/2012	20	35	472	23	34	670-PID	20	29	750-PID	21	20	40	26	20	57	--	--	--	--	--	--
11/7/2012	32	29	535	35	25	1008	33	43	675	33	15	118	39	13	28	31	WET	57	29	WET	333
11/13/2012	--	--	--	34	45	2,130	5	51	1,218	--	--	--	--	--	--	--	--	--	--	--	--
11/20/2012	--	--	--	45	43	710	64	43	975	--	--	--	--	--	--	--	--	--	--	--	--
11/27/2012	--	--	--	26	36	902	43	55	390	--	--	--	--	--	--	--	--	--	--	--	--
12/4/2012	--	--	--	39	34	780	55	44	900	--	--	--	--	--	--	--	--	--	--	--	--
12/12/2012	--	--	--	39	WET	1,185	55	WET	1,842	--	--	--	--	--	--	--	--	--	--	--	--
12/19/2012	--	--	--	39	23	666	52	45	781	--	--	--	--	--	--	--	--	--	--	--	--
1/2/2013	--	--	--	44	WET	1,063	59	WET	1,752	--	--	--	--	--	--	--	--	--	--	--	--
1/9/2013	--	--	--	43	31	1,759	58	114	2,801	--	--	--	--	--	--	--	--	--	--	--	--
1/17/2013	--	--	--	42	33	2,000	58	65	2,050	--	--	--	--	--	--	--	--	--	--	--	--
1/25/2013	--	--	--	38	36	494	50	34	640	--	--	--	--	--	--	--	--	--	--	--	--
1/30/2013	--	--	--	36	26	420	50	30	737	--	--	--	--	--	--	--	--	--	--	--	--
2/8/2013 b	--	--	--	36	26	194	51	25	258	--	--	--	--	--	--	--	--	--	--	--	--
2/13/2013	--	--	--	40	25	271	51	36	302	--	--	--	--	--	--	--	--	--	--	--	--
2/21/2013	--	--	--	39	27	596	52	33	874	--	--	--	--	--	--	--	--	--	--	--	--
2/26/2013	OFF	12	10	38	18	257	52	21	396	--	--	--	--	--	--	--	--	--	--	--	--
3/6/2013 c	--	--	--	42	30	674	55	32	612	--	--	--	--	--	--	--	--	--	--	--	--
3/14/2013	--	--	--	104	53	285	104	56	277	--	--	--	--	--	--	--	--	--	--	--	--
3/21/2013	--	--	--	105	36	655	105	55	658	--	--	--	--	--	--	--	--	--	--	--	--
3/26/2013	--	--	--	105	51	325	105	76	318	--	--	--	--	--	--	--	--	--	--	--	--
4/3/2013	--	--	--	106	41	125	106	44	181	--	--	--	--	--	--	--	--	--	--	--	--

Table 7
Soil Vapor Extraction System - Well Performance Data
ARCO Service Station No. 465
151 Southgate Avenue, Daly City, California

Date	V-8			V-9			V-10			MW-1			MW-2			MW-5			MW-10		
	Manifold Vacuum ("H_20)	Flow (scfm)	Inf. FID (ppmv)	Manifold Vacuum ("H_20)	Flow (scfm)	Inf. FID (ppmv)	Manifold Vacuum ("H_20)	Flow (scfm)	Inf. FID (ppmv)	Manifold Vacuum ("H_20)	Flow (scfm)	Inf. FID (ppmv)	Manifold Vacuum ("H_20)	Flow (scfm)	Inf. FID (ppmv)	Manifold Vacuum ("H_20)	Flow (scfm)	Inf. FID (ppmv)	Manifold Vacuum ("H_20)	Flow (scfm)	Inf. FID (ppmv)
4/10/2013	--	--	--	84	74	146	85	74	211	--	--	--	--	--	--	--	--	--	--	--	--
4/17/2013	--	--	--	105	31	454	105	74	420	--	--	--	--	--	--	--	--	--	--	--	--
4/23/2013	--	--	--	104	75	154	104	74	193	--	--	--	--	--	--	--	--	--	--	--	--
4/30/2013 d	--	--	--	105	56	153	105	57	147	--	--	--	--	--	--	--	--	--	89	110	14
5/6/2013 e	--	--	--	92	62	185	99	96	65	--	--	--	--	--	--	--	--	--	92	100	81
5/15/2013 d	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
5/22/2013	--	--	--	80	51	179	--	--	--	--	--	--	--	--	--	--	--	--	81	77	135-PID
5/30/2013	--	--	--	87	44	296	--	--	--	--	--	--	--	--	--	--	--	--	87	72	69
6/6/2013 f	--	--	--	77	102	125	--	--	--	--	--	--	--	--	--	--	--	--	78	120	77
6/12/2013 g	--	--	--	89	71	112	--	--	--	--	--	--	--	--	--	--	--	--	90	111	68
6/20/2013 h	--	--	--	78	83	238	--	--	--	--	--	--	--	--	--	73	153	4	79	108	48
6/26/2013	--	--	--	78	50	392	--	--	--	--	--	--	--	--	--	79	105	129	78	85	100
7/2/2013	--	--	--	79	41	313	--	--	--	--	--	--	--	--	--	80	87	203	79	69	62
7/12/2013	--	--	--	84	58	240	--	--	--	--	--	--	--	--	--	--	--	--	85	95	65
7/18/2013	--	--	--	90	42	296	--	--	--	--	--	--	--	--	--	--	--	--	91	76	407
7/22/2013	--	--	--	89	52	300	--	--	--	--	--	--	--	--	--	--	--	--	90	87	29
8/1/2013	--	--	--	87	48	154	--	--	--	--	--	--	--	--	--	--	--	--	88	82	20
8/5/2013	--	--	--	86	59	232	--	--	--	--	--	--	--	--	--	--	--	--	87	93	29
8/12/2013	--	--	--	86	52	138	91	93	70	--	--	--	--	--	--	--	--	--	87	87	5
8/22/2013	--	--	--	96	56	111	96	61	111	--	--	--	--	--	--	--	--	--	--	--	--
8/27/2013	--	--	--	95	52	128	95	53	107	--	--	--	--	--	--	--	--	--	--	--	--
9/3/2013	--	--	--	76	75	115	76	74	146	--	--	--	--	--	--	--	--	--	--	--	--
9/9/2013	--	--	--	93	50	143	93	52	124	--	--	--	--	--	--	--	--	--	--	--	--
9/17/2013	--	--	--	91	68	113	92	70	85	--	--	--	--	--	--	--	--	--	--	--	--
9/23/2013	--	--	--	91	97	122	91	97	89	--	--	--	--	--	--	--	--	--	--	--	--
10/1/2013	--	--	--	92	57	140	93	60	93	--	--	--	--	--	--	--	--	--	--	--	--
10/21/2013	--	--	--	94	39	91	94	48	95	--	--	--	--	--	--	--	--	--	--	--	--
11/5/2013	--	--	--	67	128	102	67	138	120	--	--	--	--	--	--	--	--	--	--	--	--
11/18/2013	64	52	3	62	--	105	62	--	58	--	--	--	--	--	--	--	--	--	--	--	--
1/13/2014	--	--	4	67	89	76	68	81	89	--	--	4	--	--	5	--	--	--	--	--	--
1/21/2014	--	--	21	50	--	189	51	--	204	--	--	0	--	--	36	--	--	0	--	--	--

Table 7
Soil Vapor Extraction System - Well Performance Data
ARCO Service Station No. 465
151 Southgate Avenue, Daly City, California

Date	V-8			V-9			V-10			MW-1			MW-2			MW-5			MW-10		
	Manifold Vacuum ("$H_2$0)	Flow (scfm)	Inf. FID (ppmv)	Manifold Vacuum ("$H_2$0)	Flow (scfm)	Inf. FID (ppmv)	Manifold Vacuum ("$H_2$0)	Flow (scfm)	Inf. FID (ppmv)	Manifold Vacuum ("$H_2$0)	Flow (scfm)	Inf. FID (ppmv)	Manifold Vacuum ("$H_2$0)	Flow (scfm)	Inf. FID (ppmv)	Manifold Vacuum ("$H_2$0)	Flow (scfm)	Inf. FID (ppmv)	Manifold Vacuum ("$H_2$0)	Flow (scfm)	Inf. FID (ppmv)
1/27/2014	51	72	8	49	41	122	50	39	135	--	--	--	--	--	--	--	--	--	--	--	--
2/14/2014	--	--	--	75	WET	85	75	WET	55	--	--	--	--	--	--	--	--	--	--	--	--
2/24/2014	--	--	--	75	WET	39	75	49	27	--	--	--	--	--	--	--	--	--	--	--	--
3/5/2014	--	--	--	75	WET	61	76	49	40	--	--	--	--	--	--	--	--	--	--	--	--
3/11/2014	--	--	1	75	49	53	75	46	44	--	--	1	--	--	1	--	--	2	--	--	--
3/17/2014	--	--	--	74	41	87	74	43	68	--	--	--	--	--	--	--	--	--	--	--	--
4/15/2014	--	--	0	78	44	48	78	48	46	--	--	2	--	--	0	--	--	5	--	--	6
5/9/2014	63	--	1	90	62	66	90	68	66	74	78	5	76	--	0	72	119	4	71	93	3
5/19/2014	63	106	0	90	51	58	90	54	72	75	64	0	76	28	0	71	87	0	71	82	3
6/9/2014	--	--	--	91	90	68	91	67	88	--	--	--	--	--	--	--	--	--	--	--	--
6/27/2014	--	--	--	79	42	51	--	--	4	--	--	--	--	--	--	81	75	17	79	44	7
7/11/2014	--	--	--	73	47	54	--	--	--	--	--	--	--	--	--	74	79	16	73	78	6
7/24/2014	--	--	--	77	60	59	--	--	--	--	--	--	--	--	--	78	69	24	77	66	6
8/5/2014	--	--	--	78	41	77	--	--	--	--	--	--	--	--	--	80	79	23	79	42	10
8/19/2014	--	--	--	78	59	63	--	--	--	--	--	--	--	--	--	80	76	24	79	75	12
9/8/2014	--	--	--	78	36	70	--	--	--	--	--	--	--	--	--	79	77	25	78	52	11
9/22/2014	--	--	--	76	60	50	--	56	14	--	--	--	--	--	--	77	76	20	77	57	7
10/6/2014	--	--	--	75	46	32	--	--	--	--	--	--	--	--	--	76	75	14	76	59	10
10/20/2014	--	--	--	75	40	--	--	--	--	--	--	--	--	--	--	76	80	--	76	58	--
10/22/2014	--	--	--	75	51	46	--	--	--	--	--	--	--	--	--	77	83	13	76	68	9
11/3/2014	--	--	--	78	66	65	--	--	--	--	--	--	--	--	--	79	82	24	78	72	10
11/21/2014	--	--	--	77	--	65	--	--	--	--	--	--	--	--	--	78	--	109	77	--	35
12/2/2014	--	--	--	65	--	42	--	--	--	--	--	--	--	--	--	66	69	10	65	--	3.5
12/12/2014	--	--	--	66	38	29	--	--	--	--	--	--	--	--	--	67	51	5	66	43	3.0
1/5/2015	--	--	--	67	64	110	--	--	--	--	--	--	--	--	--	69	54	45	68	65	38.0
1/22/2015	--	--	--	53	--	143	--	--	--	--	--	--	--	--	--	54	58	39	53	58	48.0

REPORTING PERIOD: **Second and Third Quarter 2015 (March 31, 2015 to September 30, 2015)**
PERIOD OPERATION HOURS: **0**
TOTAL OPERATION HOURS: **14,652**

Table 7
Soil Vapor Extraction System - Well Performance Data
ARCO Service Station No. 465
151 Southgate Avenue, Daly City, California

Notes:

a PID used for vapor concentrations due to FID to flame out
b FID readings taken as methane and converted to hexane by instrument specific conversion factor
c Field optimization following sample collection
d Well V-10 turned off and well MW-10 turned on prior to departing site
e Well MW-10 turned off and well V-10 turned on prior to departing site
f Well V-10 turned off and well MW-10 turned on prior to departing site. Well V-10 data recorded in field notes for well MW-10 that was operating
g Well V-5 turned off and well MW-5 turned on prior to departing site
h Well MW-5 turned off after sampling and well V-5 turned on prior to departing site

"H_2O	Inches of water
"Hg	Inches of mercury
scfm	standard cubic feet per minute
ppmv	Parts per million by volume
FID	Flame ionization detector
PID	Photoionization detector
OFF	Well only operated for short period of time to evaluate concentrations and flow and returned to closed position.
Wet	Vapor flow in well too saturated with groundwater to measure
--	Not collected

Table 8
Soil Vapor Extraction System - Well Vapor Analytical Data
ARCO Service Station No. 465
151 Southgate Avenue, Daly City, California

Well ID	Date	Manifold Vacuum ("H_20)	Measured Flow Rate (scfm)	Influent FID (ppmv)	GRO (ppmv)	Benzene (ppmv)	Toluene (ppmv)	Ethylbenzene (ppmv)	Xylenes (ppmv)	MtBE (ppmv)
V-1	5/9/14	90	53	118	**78**	**0.18**	**1.2**	**0.29**	**4.6**	**0.29**
	9/22/14	77	60	119	**180**	**0.13**	**2.2**	**0.21**	**5.2**	<0.20
V-2	5/9/14	67	104	4	**17**	**0.00053**	**0.014**	**0.0070**	**0.12**	<0.0020
V-4	5/9/14	90	51	219	**350**	**0.18**	**3.8**	**1.1**	**12**	**0.36**
	9/22/14	76	62	134	**200**	**0.062**	**1.6**	**0.24**	**9.9**	<0.20
V-5	5/9/14	91	77	177	**220**	**0.093**	**1.9**	**0.74**	**8.2**	**0.21**
	9/22/14	87	81	602	**320**	**0.15**	**10.0**	**1.4**	**18**	<0.40
V-6	5/9/14	67	112	2	**2.1**	<0.00050	**0.0084**	**0.0036**	**0.066**	<0.0020
V-7	5/9/14	66	97	7	**10**	**0.00063**	**0.0059**	**0.0027**	**0.043**	<0.0020
V-8	5/9/14	63	--	1	**2.4**	<0.00050	<0.0050	**0.0019**	**0.034**	<0.0020
V-9	5/9/14	90	62	66	**68**	**0.056**	**1.9**	**0.45**	**5.1**	**0.54**
	9/22/14	76	60	50	**60**	**0.042**	**1.9**	**0.35**	**4.9**	**0.056**
V-10	5/9/14	90	68	66	**140**	**0.057**	**1.2**	**0.43**	**4.9**	**0.30**
	9/22/14	--	56	14	**24**	<0.0040	**0.13**	**0.050**	**1.3**	<0.016
MW-1	5/9/14	74	78	5	**3.3**	<0.00050	<0.0050	**0.0015**	**0.028**	<0.0020
MW-2	5/9/14	76	--	0	**1.1**	<0.00050	<0.0050	<0.0005	**0.026**	<0.0020
MW-5	5/9/14	72	119	4	**5.4**	**0.00052**	<0.0050	**0.0013**	**0.024**	**0.18**
	9/22/14	77	76	20	**22**	**0.0073**	**0.44**	**0.044**	**1.3**	**0.023**
MW-10	5/9/14	70.7	93	3	**3.6**	<0.00050	<0.0050	**0.0011**	**0.018**	**3.2**
	9/22/14	77	57	5	**7.5**	<0.010	<0.10	**0.020**	**0.54**	**0.53**

Definitions:

GRO = Gasoline range organics (C6-C12)
MtBE = Methyl tertiary-butyl ether
ppmv = Parts per million by volume
< = Less than stated laboratory method reporting limit
"H_2O = Inches of water
scfm = Standard cubic feet per minute

APPENDIX J

Client Provided Documents

186-1150-C

SUBSURFACE INVESTIGATION RESULTS REPORT

FOR

Westlake French Dry Cleaners, Southgate Dry Cleaners & Burlington Coat Factory

Located at the Westlake Shopping Center
Daly City, California

September 11, 2002

Project Number: KIMC 01-02-007 CA

Prepared For:

Kimco Realty Corporation
3333 New Hyde Park Road, Ste. 100
New Hyde Park, NY 11042

Prepared By:

ADR Environmental Group, Inc.
1425 River Park Drive, Suite 201
Sacramento, California 95815
(916) 921-0600

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1 INTRODUCTION

ADR Environmental Group, Inc. (ADR) is pleased to present this report describing the results of a subsurface investigation performed at the Westlake Shopping Center (subject Property) located at Lake Merced Boulevard and Southgate Avenue, Daly City, California (Figure 1). Specifically, the portions of the subject Property investigated included the Westlake French Dry Cleaners located at 330 South Mayfair Avenue, the Southgate Dry Cleaners located at 183 Southgate Avenue, and the Burlington Coat Factory located at 99 Southgate Avenue (Figure 2).

Given the potential environmental concerns associated with these property uses, a subsurface investigation was conducted to determine whether the dry cleaners and staining around a storm drain located near the Burlington Coat Factory had environmentally impacted the subject Property. As part of this investigation, ADR advanced nine soil borings in areas that would likely be impacted by hazardous waste if releases had occurred. Field work was conducted on August 28, 2002.

This report summarizes the results of ADR's soil boring investigation, including soil and soil vapor sample collection and analyses. The soil borings advanced as part of this investigation were intended to assess the presence or absence of volatile organic compounds (VOCs) at selected locations in shallow soil and soil vapor outside the dry cleaning facility tenant spaces and petroleum hydrocarbons and selected metals in soil adjacent to the west side of Burlington Coat Factory building. Fieldwork for the subsurface investigation was conducted under the supervision of California Registered Geologist Larry A. Flora of ADR. The project was conducted under the general direction of ADR Environmental Project Manager Kevin F. Gallagher.

2 BACKGROUND

2.1 Site Description

The subject Property consists of an approximate 560,000 square foot, multi-building shopping center, housing approximately 150 tenants. The Westlake Shopping Center is occupied by a variety of retail, restaurant, governmental, and financial businesses, including the Westlake French Dry Cleaners, the Southgate Dry Cleaners, and the Burlington Coat Factory. The site consist of numerous strip malls around the intersection of Southgate Avenue and Lake Merced Boulevard (Figure 2). The remaining portion of the subject Property consists of asphalt paved parking areas, concrete walkways, and landscaped areas. The site is located in a mixed commercial and residential setting. The overall topography of the subject Property is generally flat.

2.2 Previous Work

In July 2002, a Phase I Environmental Site Assessment (ESA) was performed by Kleinfelder Inc. (Kleinfelder) at the Westlake Shopping Center. From a review of available historical information, Kleinfelder concluded that the shopping center was first developed in the mid-1950s and expanded to its current configuration by the early to mid-1960s. The Westlake Development Company bought the property in the 1970s and still owns the property today. The specific facilities under investigation are located in the northeastern and southern sections of the shopping center. According to Kleinfelder the Westlake French Dry Cleaners and Southgate Dry Cleaners occupied their present tenant spaces in 1978 and 1955, respectively. ADR's research, however, indicates that the Westlake French Dry Cleaners occupied its present location in 1955 and that the Southgate Dry Cleaners has occupied its tenant space since at least 1970. The building presently leased by the Burlington Coat Factory was constructed in the early to mid-1960s.

As part of Kleinfelder's ESA, the following recognized environmental condition was identified in connection with the Burlington Coat Factory.

- Numerous oily discolorations of concrete and a storm drain that was filled with oil in the parking lot to the west of the Burlington Coat Factory. There are no apparent activities by the Burlington Coat Factory which involved the use of oil. As such the release of the oil may be the result of informal, unauthorized use of the parking lot by others for vehicle maintenance activities.

In June 2002, Kleinfelder, on behalf of Westlake Shopping Center, conducted a Phase II subsurface investigation at the Westlake French and the Southgate Dry Cleaning facilities. The investigation was conducted to evaluate if the dry cleaning operations conducted at these two facilities have affected soil or, if encountered, groundwater beneath the sites. A total of three borings were advanced inside of each of the dry cleaning tenant spaces. Groundwater was not encountered during the drilling operations. The results of the soil samples collected at the dry cleaning facilities indicated that volatile organic compounds (VOCs), including Tetrachloroethene (PCE), were not present at or above laboratory detection limits in the shallow soil beneath the dry cleaning sites.

In July 2002, also on behalf of Westlake Shopping Center, Kleinfelder implemented a supplemental Phase II investigation to further characterize the subsurface soils and collect groundwater samples from the underlying aquifer. One soil boring, located south of the

Southgate Dry Cleaners, was advanced to a total depth of 120 feet below ground surface (bgs). Another soil boring, located northwest of the Westlake French Dry Cleaners, was drilled to a total depth of 89.5 feet bgs. Groundwater (likely perched) was encountered in the boring near the Westlake French Dry Cleaners facility at approximately 84 feet bgs. At the Southgate Dry Cleaners, groundwater was not encountered at the maximum depth drilled of 120 feet bgs. Based on soil and groundwater sample analyses, Kleinfelder concluded that VOCs, including PCE, were not present at or above laboratory detection limits.

2.3 Geologic Setting

The subject Property lies within the Coast Range Geologic Province of California. This province is characterized by northwest trending mountain ranges and intervening valleys, which are a reflection of the dominant northwest structural trend in bedrock of the region. The basement rock in the northwest portion of this province is dominantly highly deformed sedimentary, metamorphic, and volcanic rock of the Franciscan Complex of Upper Jurassic to Cretaceous Age. In the site vicinity, these rocks have been unconformably overlain by Tertiary age, continental and marine sedimentary and volcanic rocks. Younger alluvial, colluvial, and landslide deposits have locally overlain these rocks.

2.4 Groundwater Conditions

In March 1992, perched groundwater (measured from monitoring wells) beneath an onsite ARCO gasoline station was reported by SECOR International Inc. to be at 55 feet bgs. In December 2001, the calculated groundwater flow direction of the perched water was to the southeast. Based on groundwater data collected from a monitoring well located approximately 1,200 feet north of the subject Property, the Daly City Department of Water and Wastewater Resources reported that regional groundwater is approximately 125 to 160 feet bgs.

3 SCOPE OF WORK

Based on the results of Kleinfelder's Phase I and Phase II investigations, ADR was authorized to advance soil borings and collect soil and/or soil vapor samples to assess the presence or absence of contamination in shallow soil at selected exterior locations around the Westlake and Southgate Dry Cleaning facilities and the Burlington Coat Factory. This work included the following:

Burlington Coat Factory:

- Public utility clearance. Clearance of soil boring locations by private on-site utility locator.
- Advancement of one soil boring by hydraulic percussion hammer to a depth of 15 feet bgs at the location shown in Figure 3, adjacent to a storm drain on the west side of the building.
- Collection of soil samples at approximately 5 foot vertical intervals. Field screening of collected soil samples for the presence of organic vapors using a PID.
- Laboratory analysis of a soil sample collected at five feet bgs for total petroleum hydrocarbons as gasoline (TPHg), diesel (TPHd), and oil (TPHo) by EPA Method 8015 modified, benzene, toluene, ethylbenzene, and xylenes (BTEX) by EPA Method 8020, and selected metals cadmium, chromium, lead, nickel, and zinc by EPA Method 6010B.

Westlake and Southgate Dry Cleaners:

- Public utility clearance. Clearance of soil boring locations by private on-site utility locator.
- Performing video inspections of the sanitary sewer lines and junctions in the areas of the investigation using a subcontractor.
- Advancement of four soil borings per site by hydraulic percussion hammer to an average depth of 15 feet bgs at the locations shown in Figures 4 and 5.
- Collection of soil samples at approximately 5 foot intervals during advancement of each boring. Field screening of collected soil samples for the presence of organic vapors using a photoionization detector (PID).
- Collection of vapor and soil samples and analysis of selected samples from each boring for VOCs using EPA Method 8260B.

After receipt of analytical results, preparation of this report summarizing the findings of the subsurface investigations at each site.

4 FIELD WORK AND OBSERVATIONS

4.1 Underground Utility Clearance

Prior to implementing the subsurface investigation, each proposed soil boring was cleared of underground utilities by Norcal Underground Locating, a private locating firm, and locators representing various local utilities.

4.2 Sanitary Sewer Video Inspections

In August 2002, a video camera inspection of the sanitary sewer lines was conducted in the vicinity of the Westlake French and Southgate dry cleaning tenant spaces. RotoRooter® performed the inspection utilizing a remote control camera equipped with a locating device. Access to the sanitary sewer laterals was through the restrooms of the tenant spaces. Because of numerous turns in the sewer line beneath the Westlake French Dry Cleaners the direction that the sewer lateral drained was uncertain, but was assumed to run parallel to the enclosed walkway, located behind the cleaners, and connect to the sewer clean outs situated near the walkways entrance (Figure 4). The video inspection also revealed a crack in the sewer lateral at approximately 23 feet from the sewer access insertion point within the Westlake French Dry Cleaners restroom. The video inspection at the Southgate Dry Cleaners indicated that the direction of the sewer lateral from the tenant space was to the southeast towards a sewer main located beneath North Coronado Street. No cracks or breaks in the sewer line were detected in the video inspection.

4.3 Soil Borings

On August 28, 2002, soil borings B-1 through B-9 were advanced at the selected locations as shown in Figures 3, 4, and 5. The soil borings were drilled to total depths of 15 feet bgs or refusal with a direct push truck-mounted drill rig equipped with a hydraulic percussion hammer, owned and operated by Kehoe Testing & Engineering, Inc., a licensed well driller from Pleasanton, California. Soil boring B-1 was advanced next to a parking lot storm drain on the west side of the Burlington Coat Factory building. Soil borings B-2 through B-5 were situated behind the Westlake Dry Cleaners, within an enclosed walkway and storage area, along the facilities assumed sanitary sewer lateral. Soil borings B-6 through B-9 were located in back of the Southgate Dry Cleaners also adjacent to the sites sanitary sewer lateral.

Soil samples were collected from the boreholes at vertical intervals of approximately 5 feet by driving a "large bore" sampler containing an acrylic tubing liner 12 inches into the undisturbed soil. After retrieval of the sampling assembly, the acrylic tubing was removed from the sampler and a portion of the liner was immediately capped, labeled, and placed on ice awaiting transportation to the laboratory. Other portions of the soil sample were used for soil classification (in accordance with the guidelines of ASTM D-2487-85) and field PID screening.

Discrete soil vapor samples were collected at depths of 5 and 15 feet bgs from soil borings B-2 through B-9 in 1-liter Tedlar air sampling bags. The soil vapor sampling process involved driving a stainless steel soil gas sampler to the desired depths of 5 and 15 feet bgs. Once at the desired depth, the sampler is then retracted slightly, leaving behind the drop-off tip and allowing soil gas to flow into the sampling assembly. A ¼-inch-diameter soil gas line, connected to the sampling tip, is then attached to the Tedlar bag located in the

gas collection area at the surface. Once connected, the Tedlar bag is placed into an air-tight gas sampling box. An air sample pump is then connected to the vacuum outlet port of the sampling box and the air from inside the box is evacuated. The Tedlar bag spontaneously inflates in response to the resulting interior drop in pressure in the sample box. The soil vapor sample enters the bag directly without passing through the pump thus eliminating the risk of contaminating the pump or air sample.

Soils encountered in soil borings B-1 through B-9, to a depth of 15 feet, are generally similar in character beneath the asphalt or concrete surfaces consisting of homogeneous brown, loose, poorly graded sand. Groundwater was not encountered in any of the exploratory borings. Soil boring logs describing soil types encountered are contained in Appendix B.

Subjective field observations of soil samples did not indicate the presence of staining or odors in the recovered soil samples. Screening of the samples with the PID did not detect concentrations of organic vapors in any of the samples.

After the total depth of each soil boring was reached and after soil and/or vapor samples were collected, the boreholes was abandoned by filling completely with a neat cement slurry and patched to match the existing surface cover.

5 RESULTS OF LABORATORY ANALYSES

Soil and soil vapor samples collected by ADR were submitted for chemical analysis to California Health Services certified Excelchem Environmental Laboratory (certification number 2119), located in Roseville, California. Copies of certified laboratory analytical reports and chain-of-custody documentation are contained in Appendix C.

Burlington Coat Factory:

A single soil sample collected at 5 feet bgs was analyzed for TPHg, TPHd, and TPHo by EPA Method 8015 modified, BTEX by EPA Method 8020, and selected metals – cadmium, chromium, lead, nickel and zinc by EPA Method 6010B. Soil sample analytical results are compiled in Tables 1 and 2.

Table 1
Soil Sample Analytical Results, Petroleum Constituents
Westlake Shopping Center
Burlington Coat Factory Building
99 Southgate Avenue, Daly City, California
Concentrations in milligrams per Kilogram (mg/Kg)

Soil Sample	Soil Sample Depth (feet below grade)	TPHg[1]	TPHd[2]	TPHo[3]	Benzene	Toluene	Ethyl-benzene	Total Xylenes
B-1-1	5	<1.0[4]	<1.0	<10.0	<0.005	<0.005	<0.005	<0.005

TPHg[1] = Total Petroleum Hydrocarbons as Gasoline.
TPHd[2] = Total Petroleum Hydrocarbons as Diesel.
TPHo[3] = Total Petroleum Hydrocarbons as Oil.
<1.0[4] = Compound not detected at the indicated detection limit.

Table 2
Soil Sample Analytical Results, Selected Metals
Westlake Shopping Center
Burlington Coat Factory Building
99 Southgate Avenue, Daly City, California
Concentrations in milligrams per Kilogram (mg/Kg)

Soil Sample	Soil Sample Depth (feet below grade)	Cadmium	Chromium	Lead	Nickel	Zinc
B-1-1	5	**0.67**	**34**	**1.9**	**33**	**19**

Results of the soil sample submitted for laboratory analysis from the Burlington Coat Factory area did not detect the presence of petroleum hydrocarbons. Of the selected metals analyzed, cadmium, chromium, lead, nickel, and zinc were detected at concentrations within expected ambient ranges for these metals.

Westlake French Dry Cleaners:

Four soil vapor samples (one from each soil boring), collected at 5 feet bgs, were initially analyzed for VOCs by EPA Method 8260B. Upon receipt of analysis of the samples collected, indicating the presence of PCE and/or Trichloroethane (TCE) in each sample, ADR was authorized to submit soil samples collected at 5 and 15 feet bgs and the soil vapor sample collected at 15 feet bgs from soil boring B-3 (the boring showing the highest PCE vapor concentration at 5 feet bgs) for additional VOC laboratory analysis by EPA Method 8260B. Soil sample and soil vapor sample analytical results are compiled in Tables 3 and 4, respectively.

Table 3
Soil Sample Analytical Results, VOCs
Westlake Shopping Center
Westlake French Dry Cleaners
330 South Mayfair Avenue, Daly City, California
Concentrations in milligrams per Kilogram (mg/Kg)

Soil Sample	Soil Sample Depth (feet below grade)	trans-1,2-DCE[1]	cis-1,2-DCE[2]	PCE[3]	TCE[4]	Other VOCs[5]
B-3-1	5	<0.005[6]	<0.005	<0.005	<0.005	ND[7]
B-3-3	15	<0.005	<0.005	<0.005	<0.005	ND

trans-1,2 DCE[1] = trans-1,2-Dichloroethene
cis-1,2-DCE[2] = cis-1,2-Dichloroethene
PCE[3] = Tetrachloroethene
TCE[4] = Trichloroethene
VOCs[5] = Volatile Organic Compounds; refer to Appendix C for a List of Compounds Included in USEPA Method 8260.
<0.005[6] = Compound not detected at the indicated detection limit.
ND[7] = Not Detected; Refer to Appendix C for Compound Detection Limits.

Table 4
Soil Vapor Sample Analytical Results, VOCs
Westlake Shopping Center
Westlake French Dry Cleaners
330 South Mayfair Avenue, Daly City, California
Concentrations in milligrams per cubic meter (mg/m^3)

Soil Sample	Vapor Sample Depth (feet below grade)	trans-1,2-DCE[1]	cis-1,2-DCE[2]	PCE[3]	TCE[4]	Other VOCs[5]
B-2-5′	5	<0.1[6]	<0.1	**5.9**	**2.0**	ND[7]
B-3-5′	5	<0.1	<0.1	**23**	**0.2**	ND
B-3-15′	15	<0.1	<0.1	**17**	**0.1**	ND
B-4-5′	5	<0.1	<0.1	**9.6**	<0.1	ND
B-5-5′	5	<0.1	<0.1	**6.5**	<0.1	ND

trans-1,2-DCE[1] = trans-1,2-Dicholorethene
cis-1,2-DCE[2] = cis-1,2-Dichloroethene
PCE[3] = Tetrachloroethene
TCE[4] = Trichloroethene
VOCs[5] = Volatile Organic Compounds; refer to Appendix C for a List of Compounds Included in USEPA Method 8260.
<0.1[6] = Compound not detected at the indicated detection limit.
ND[7] = Not Detected; Refer to Appendix C for Compound Detection Limits.

As shown in Table 3, VOCs were not detected in either soil sample analyzed. Analysis of soil vapor samples (Table 4) indicated the presence of detectable concentrations of PCE and/or lesser concentrations of TCE in each sample tested. The highest concentrations of PCE (23 and 17 milligrams per cubic meter (mg/m^3)) were reported in the vapor samples collected from soil boring B-3 at 5 and 15 feet bgs, respectively. No other VOCs were detected above laboratory detection limits from any of the soil vapor samples analyzed.

Southgate Dry Cleaners:

A total of four soil vapor samples (one from each soil boring), collected at 5 feet bgs, were initially submitted for analysis of VOCs by EPA Method 8260B. After receipt of the vapor analyses, indicating PCE contamination in each sample, ADR was authorized to submit the soil samples collected at 5 and 15 feet bgs and the soil vapor sample obtained at 15 feet bgs from soil boring B-9 (the boring with the highest PCE vapor concentration at 5 feet bgs) for additional analysis by EPA Method 8260B. Soil and soil vapor samples are compiled in Tables 5 and 6, respectively.

Table 5
Soil Sample Analytical Results, VOCs
Westlake Shopping Center
Southgate Dry Cleaners
183 Southgate Avenue, Daly City, California
Concentrations in milligrams per Kilogram (mg/Kg)

Soil Sample	Soil Sample Depth (feet below grade)	trans-1,2-DCE[1]	cis-1,2-DCE[2]	PCE[3]	TCE[4]	Other VOCs[5]
B-9-1	5	<0.005[6]	<0.005	<0.005	<0.005	ND[7]
B-9-3	15	<0.005	<0.005	<0.005	<0.005	ND

trans-1,2-DCE[1] = trans-1,2-Dichloroethene
cis-1,2-DCE[2] = cis-1,2-Dichloroethene
PCE[3] = Tetrachloroethene
TCE[4] = Trichloroethene
VOCs[5] = Volatile Organic Compounds; refer to Appendix C for a List of Compounds Included in USEPA Method 8260.
<0.005[6] = Compound not detected at the indicated detection limit.
ND[7] = Not Detected; Refer to Appendix C for Compound Detection Limits.

Table 6
Soil Vapor Sample Analytical Results, VOCs
Westlake Shopping Center
Southgate Dry Cleaners
183 Southgate Avenue, Daly City, California
Concentrations in milligrams per cubic meter (mg/m^3)

Soil Sample	Soil Sample Depth (feet below grade)	trans-1,2-DCE[1]	cis-1,2-DCE[2]	PCE[3]	TCE[4]	Other VOCs[5]
B-6-5′	5	<0.1[6]	<0.1	**0.6**	<0.1	ND[7]
B-7-5′	5	<0.1	<0.1	**2.8**	<0.1	ND
B-8-5′	5	<0.1	<0.1	**5.1**	<0.1	ND
B-9-5′	5	<0.1	<0.1	**11**	<0.1	ND
B-9-15′	15	<0.1	<0.1	**8.5**	<0.1	ND

trans-1,2-DCE[1] = trans-1,2-Dicholorethene
cis-1,2-DCE[2] = cis-1,2-Dichloroethene
PCE[3] = Tetrachloroethene
TCE[4] = Trichloroethene
VOCs[5] = Volatile Organic Compounds; refer to Appendix C for a List of Compounds Included in USEPA Method 8260.
<0.1[6] = Compound not detected at the indicated detection limit.
ND[7] = Not Detected; Refer to Appendix C for Compound Detection Limits.

As illustrated in Table 5, VOCs were not detected in either soil sample analyzed. Analysis of soil vapor samples (Table 6) indicated the presence of reportable concentrations of PCE in each sample tested. The highest concentrations of PCE (11 and 8.5 mg/m^3) were detected in the vapor samples collected at 5 and 15 feet bgs from soil boring B-9, respectively. No other VOCs were reported above laboratory detection limits from any of the soil vapor samples analyzed.

6 CONCLUSIONS

Soils encountered in the borings advanced at the Burlington Coat Factory, the Westlake French Dry Cleaners, and the Southgate Dry Cleaners from the surface to 15 feet below grade consisted of a homogeneous stratum of brown, fine-grained, poorly graded sand. Regional groundwater, reportedly exceeding a depth of 125 bgs, was not encountered in any of the soil borings.

Burlington Coat Factory

Neither staining, odors, nor PID organic vapors were noted during subjective field screening in any of the soil samples recovered from the Burlington Coat Factory. Soil sample analysis did not detect gasoline, diesel or motor oil hydrocarbons above laboratory detection limits in the soil sample collected and submitted for laboratory analysis from soil boring B-1 at 5 feet bgs. Of the selected metals analyzed, cadmium, chromium, lead, nickel, and zinc were reported at concentrations consistent with naturally-occurring levels in soil. As such, it is ADR's opinion that additional investigation or remediation of soil in this area of Burlington Coat Factory is not warranted at this time.

Westlake French Dry Cleaners:

Video camera inspection of the sanitary sewer line revealed a crack approximately 23 feet from the insertion point located in the facilities restroom. Neither staining, odors, nor PID organic vapors were noted by the subjective field screening in any of the soil samples recovered at this dry cleaning facility. Laboratory analysis of soil boring vapor samples collected from borings B-2, B-3, B-4, and B-5 (located north and south parallel to the assumed sewer lateral) indicated that VOCs, including PCE and/or TCE, were present in each of the vapor samples tested. PCE concentrations ranged from 5.9 mg/m^3 in soil boring B-2 at 5 feet bgs to 23 mg/m^3 in soil boring B-3 at 5 feet bgs. Analytical results of soil samples collected from soil boring B-3 at 5 and 15 feet bgs did not detect the presence of any VOC contamination. The relatively low concentrations of VOCs detected in soil vapor samples collected from the soil borings and the lack of detected VOCs in the soil samples collected from boring B-3 indicate that significant impact from dry cleaning solvents to the subsurface in the vicinity of the Westlake French Cleaners is unlikely. Additionally, since the assumed sanitary sewer line is located beneath both a covered structure and a concrete pad and the depth to groundwater exceeds 125 feet bgs, it is unlikely that the soil would come into contact with any surface water that would percolate to the groundwater table. Based on the data presented in this report, ADR believes that the VOC concentrations detected in the soil vapor samples represents ambient levels typically found around dry cleaning facilities. As such, ADR does not believe that additional assessment or remediation of the Westlake French Dry Cleaning facility is warranted at this time.

Southgate Dry Cleaners:

Video camera inspection of the sanitary sewer line indicates that the existing sewer line leading from the tenant space restroom is not cracked or broken anywhere along its path toward the sewer main in North Coronado Street, south of the dry cleaners. Neither staining, odors nor PID organic vapors were observed in any of the soil samples recovered from any of the soil borings advanced at the site. Laboratory analysis of soil vapor samples collected from soil borings B-6, B-7, B-8, and B-9, located north and south parallel to the facilities sanitary sewer lateral, detected the presence of PCE vapors in each boring at concentrations ranging from 0.6 mg/m^3 in soil boring B-6 at 5 feet bgs to 11 mg/m^3 in soil

boring B-9 at 5 feet bgs. Laboratory analysis of selected soil samples collected from soil boring B-9 did not detect the presence of VOCs at detectable concentrations in any of the samples analyzed. Since the levels of PCE identified in the soil vapor samples are considered low, the soil sample analytical results did not detect VOCs at reportable concentrations, the area around the dry cleaners is paved with asphalt, and the depth to groundwater exceeds 125 feet bgs, it is unlikely that the groundwater table has been impact by the site activities. Based on the soil boring and soil vapor sample analytical results presented in this report, ADR does not believe that additional assessment or remediation of the Southgate Cleaners exterior area is warranted at this time.

7 LIMITATIONS

The conclusions presented in this report are professional opinions based solely upon the Scope of Services described in this report. They are intended exclusively for the use of Kimco Realty Corporation (Kimco) or agents specified by Kimco. The Scope of Services performed in the execution of this investigation may not be appropriate to satisfy the needs of other users, and any re-use of this document or the findings, conclusions, or recommendations presented herein is at the sole risk of said user. It should be recognized that his study was not intended to be a definitive investigation of potential contamination at the subject Property. Given that the Scope of Services for this investigation was limited, it is possible that currently unrecognized contamination might exist at the site.

Services performed by ADR were conducted in a manner consistent with that of the same care and skill ordinarily exercised by members of the same profession currently practicing in the same locality under the same conditions. It is important to recognize that even the most comprehensive scope of services may fail to detect environmental liabilities on a particular site. Therefore, ADR cannot act as insurers and cannot "certify" that a site is free of environmental contamination. No expressed or implied representation or warranty is included or intended in our reports except that our services were performed, within the limits prescribed by our client, with the customary thoroughness and competence of our profession.

8 SIGNATURE PAGE

This Report was prepared in accordance with generally accepted environmental practices and procedures, employing the degree of care and skill ordinarily exercised under similar circumstances by reputable environmental professionals practicing in this area, as of the date of this Report.

Report Prepared By:

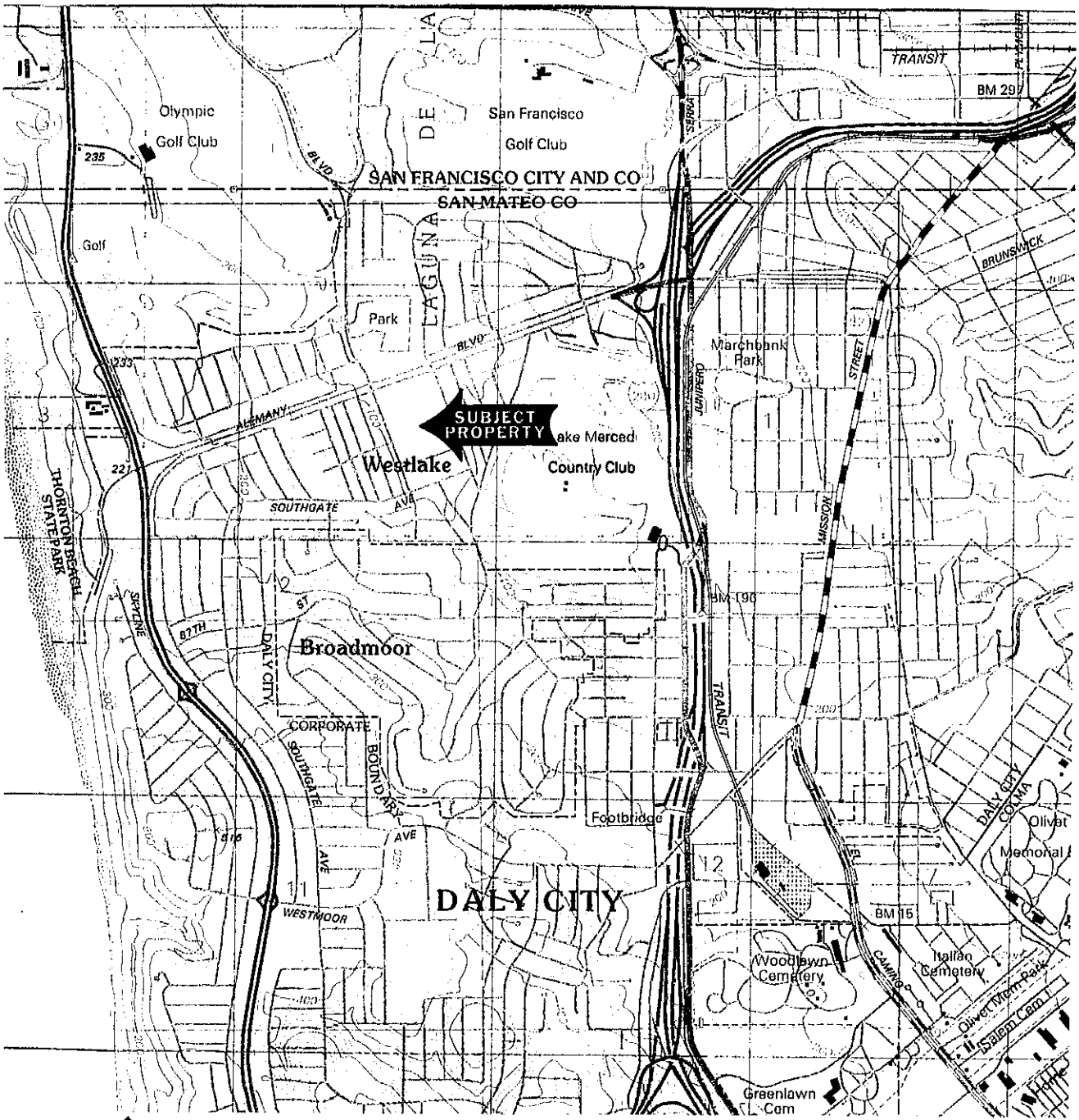
Larry A. Flora, R.G. #4759
Geologist

Report Reviewed By:

Kevin F. Gallagher, REA 07243

David C. Lambert
Principal

FIGURES



Scale: 1 Inch = 2,000 feet

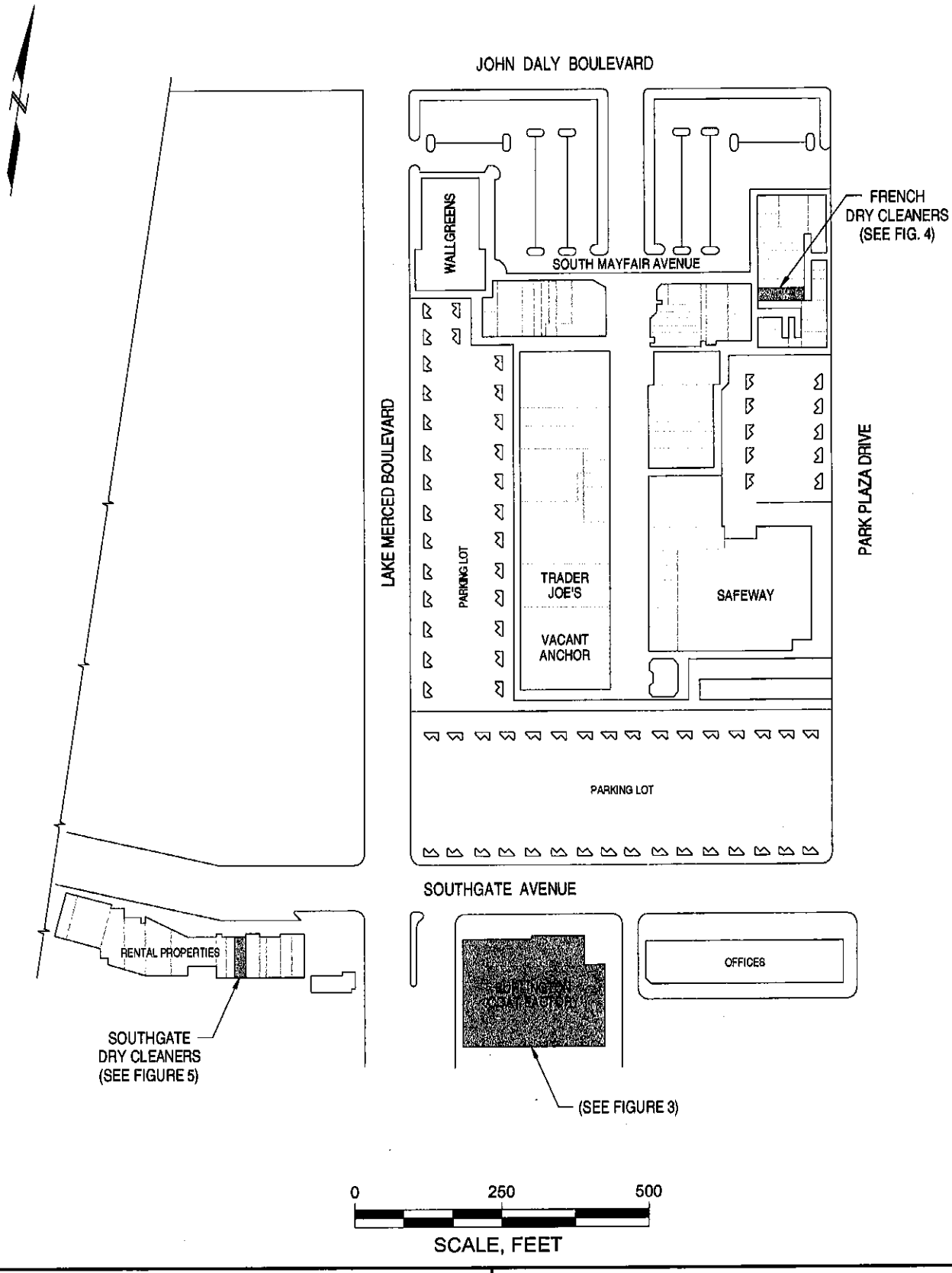
ADR Environmental Group, Inc.

Due Diligence and Risk Management
Services Nationwide

(888) 622-3734

7.5 Minute Topographic Map
San Francisco South, CA Quadrangle
Westlake Shopping Center
Daly City, California

Project Number: KIMC 01-02-007-CA	Date: September 2002	FIGURE: 1

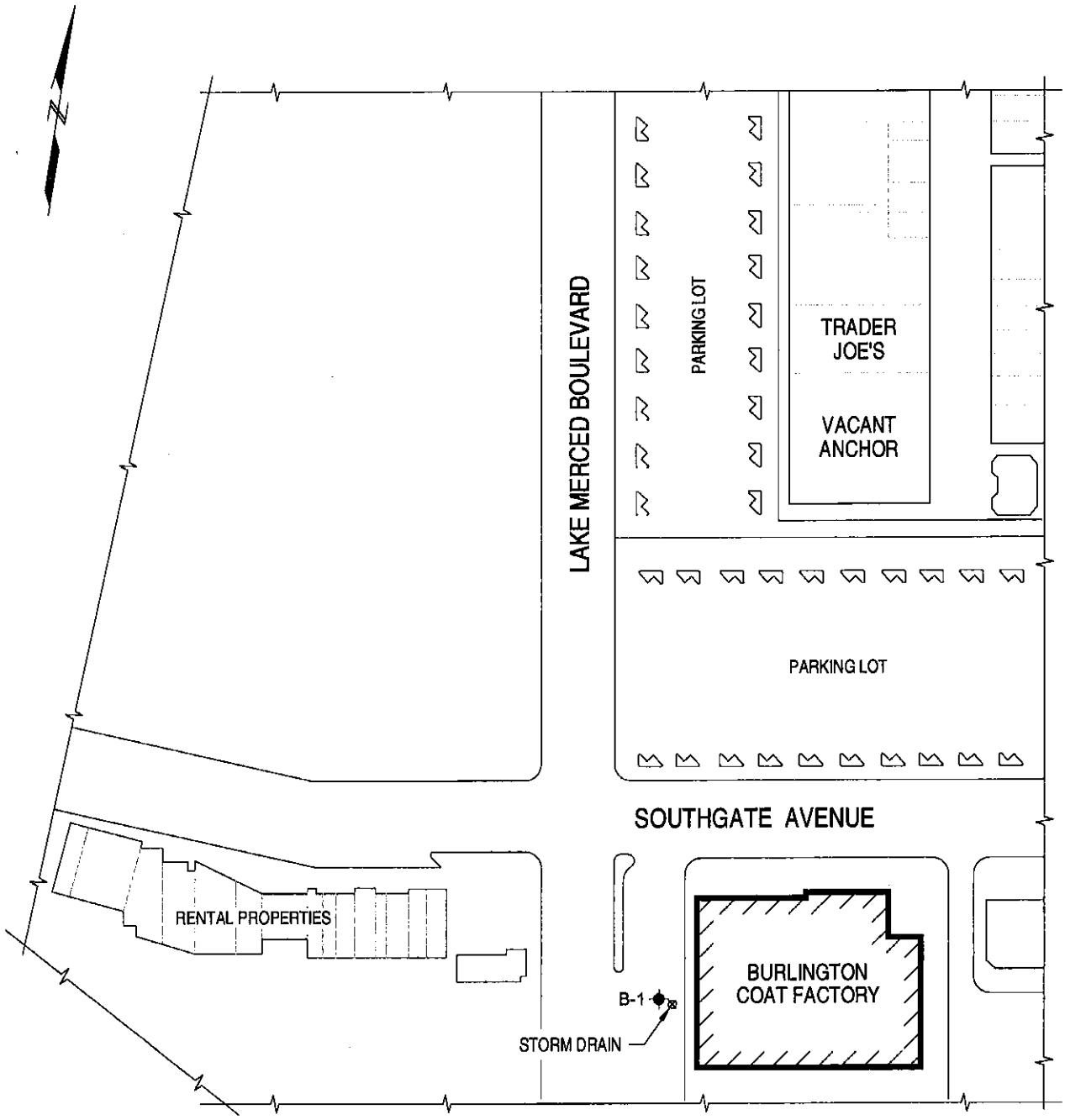


KIMC08-02 09-10-02 PYM

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SITE VICINITY PLAN
Westlake Shopping Center
Daly City, California

Project Number:	KIMC 01-02-007-CA	Date:	September 2002	FIGURE:	2



LEGEND

B-1 ✦ SOIL BORING BY ADR ENVIRONMENTAL

0 200 400

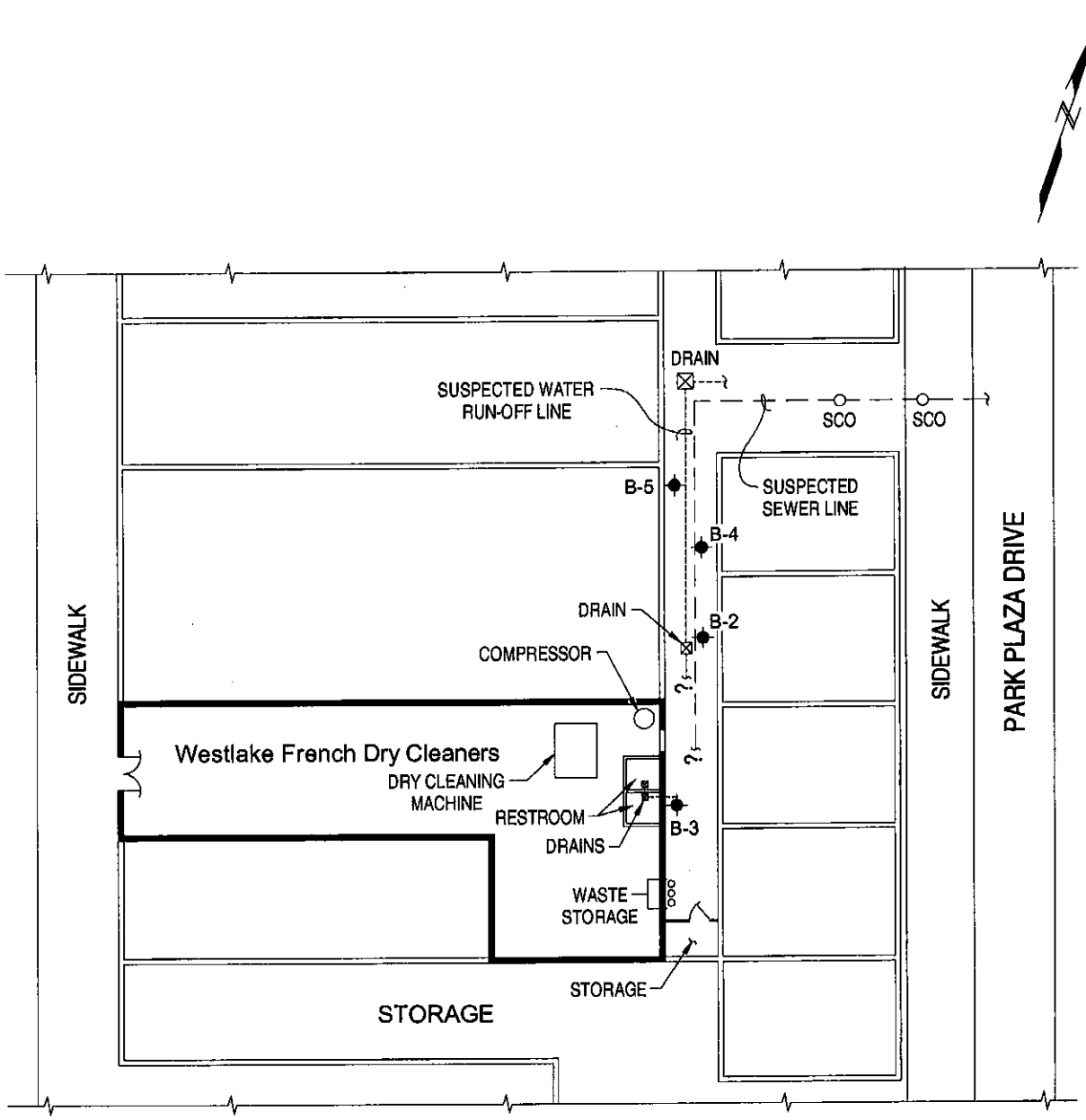
SCALE, FEET

KIMC08-03 09-10-02 PYM

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SITE PLAN / SOIL BORING LOCATION
Westlake Shopping Center
Burlington Coat Factory
99 Southgate Avenue
Daly City, California

Project Number:	KIMC 01-02-007-CA	Date:	September 2002	FIGURE:	3



LEGEND

B-5 ◆ SOIL BORING BY ADR ENVIRONMENTAL

SCO SEWER CLEAN OUT

0 30 60

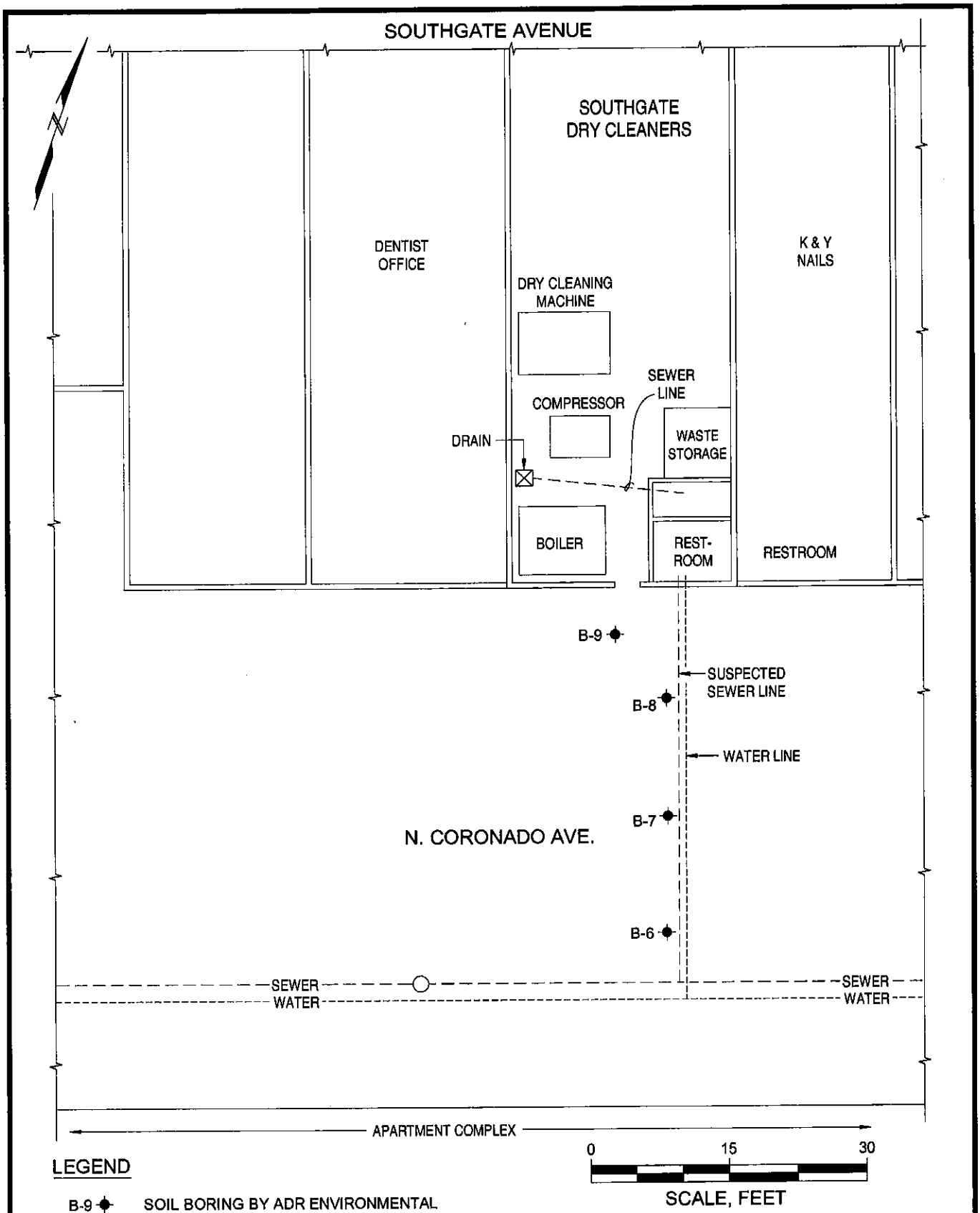
SCALE, FEET

KIMC08-04 09-10-02 PYM

ADR Environmental Group, Inc.
Due Diligence and Risk Management Services Nationwide
(888) 622-3734

SITE PLAN / SOIL BORING LOCATION
Westlake Shopping Center
Westlake French Dry Cleaners
330 South Mayfair Avenue
Daly City, California

Project Number:	KIMC 01-02-007-CA	Date:	September 2002	FIGURE:	4



KIMC08-04 09-10-02 PYM

ADR Environmental Group, Inc.
Due Diligence and Risk Management
Services Nationwide
(888) 622-3734

SITE PLAN / SOIL BORING LOCATION
Westlake Shopping Center
Southgate Dry Cleaners
183 Southgate Avenue
Daly City, California

Project Number:	KIMC 01-02-007-CA	Date:	September 2002	FIGURE:	5

APPENDIX H

User Questionnaire

Phase I ESA Questionnaire
ASTM E1527-13

	Question	Seller/Tenant/Buyer	Observed During Site Walk	If "Yes" Please provide more details
1	Is the property used for an industrial use?	Yes No X Unk	Yes No	
2	Is any adjoining property used for an industrial use?	Yes No X Unk	Yes No	
3	Did you observe evidence or do you have any prior knowledge that the property has been used for an industrial use in the past?	Yes No X Unk	Yes No	
4	Is the property used as a gasoline station, motor repair facility, commercial printing facility, dry cleaners, photo developing laboratory, junkyard or landfill, or as a waste treatment, storage, disposal, processing, or recycling facility (if applicable, identify which)?	Yes No X Unk	Yes No	
5	Is any adjoining property used as a gasoline station, motor repair facility, commercial printing facility, dry cleaners, photo developing laboratory, junkyard or landfill, or as a waste treatment, storage, disposal, processing, or recycling facility (if applicable, identify which)?	Yes X No Unk There is a near by gas station	Yes No	
6	Did you observe evidence or do you have any prior knowledge that the property was used as a gasoline station, motor repair facility, commercial printing facility, dry cleaners, photo developing laboratory, junkyard or landfill, or as a waste treatment, storage, disposal, processing, or recycling facility (if applicable, identify which)?	Yes No X Unk	Yes No	
7	Did you observe evidence or do you have any prior knowledge that any adjoining property has been used as a gasoline station, motor repair facility, commercial printing facility, dry cleaners, photo developing laboratory, junkyard or landfill, or as a waste treatment, storage, disposal, processing, or recycling facility (if applicable, identify which)?	Yes X No Unk Yes, there is a near by Arco Gas station.	Yes No	
8	Are there currently any damaged or discarded automotive or industrial batteries, pesticides, paints, or other chemicals in individual containers of >5 gal (19 L) in volume or 50 gal (190 L) in the aggregate, stored on or used at the property or at the facility?	Yes No X Unk	Yes No	

Phase I ESA Questionnaire
ASTM E1527-13

Question	Seller/Tenant/Buyer	Observed During Site Walk	If "Yes" Please provide more details
9 Did you observe evidence or do you have any prior knowledge that there have been previously any damaged or discarded automotive or industrial batteries, or pesticides, paints, or other chemicals in individual containers of >5 gal (19 L) in volume or 50 gal (190 L) in the aggregate, stored on or used at the property or at the facility?	Yes No X Unk	Yes No	
10 Did you observe evidence or do you have any prior knowledge that there have been previously any industrial drums (typically 55 gal (208 L)) or sacks of chemicals located on the property or at the facility?	Yes No X Unk	Yes No	

Phase I ESA Questionnaire
ASTM E1527-13

Question	Seller/Tenant/Buyer	Observed During Site Walk	If "Yes" Please provide more details
11 Did you observe evidence or do you have any prior knowledge that fill dirt has been brought onto the property that originated from a contaminated site?	Yes No X Unk	Yes No	
12 Did you observe evidence or do you have any prior knowledge that fill dirt has been brought onto the property that is of an unknown origin?	Yes No X Unk	Yes No	
13 Are there currently any pits, ponds, or lagoons located on the property in connection with waste treatment or waste disposal?	Yes No X Unk	Yes No	
14 Did you observe evidence or do you have any prior knowledge that there have been previously, any pits, ponds, or lagoons located on the property in connection with waste treatment or waste disposal?	Yes No X Unk	Yes No	
15 Is there currently any stained soil on the property?	Yes No X Unk	Yes No	
16 Did you observe evidence or do you have any prior knowledge that there has been previously, any stained soil on the property?	Yes No X Unk	Yes No	
17 Are there currently any registered or unregistered storage tanks (above or underground) located on the property?	Yes No X Unk	Yes No	
18 Did you observe evidence or do you have any prior knowledge that there have been previously, any registered or unregistered storage tanks (above or underground) located on the property?	Yes No X Unk	Yes No	
19 Are there currently any vent pipes, fill pipes, or access ways indicating a fill pipe protruding from the ground on the property or adjacent to any structure located on the property?	Yes No X Unk	Yes No	

Phase I ESA Questionnaire
ASTM E1527-13

Question	Seller/Tenant/Buyer	Observed During Site Walk	If "Yes" Please provide more details
20 Did you observe evidence or do you have any prior knowledge that there have been previously, any vent pipes, fill pipes, or access ways indicating a fill pipe protruding from the ground on the property or adjacent to any structure located on the property?	Yes No X Unk	Yes No	
21 Is there currently evidence of leaks, spills or staining by substances other than water, or foul odors, associated with any flooring, drains, walls, ceilings, or exposed grounds on the property?	Yes No X Unk	Yes No	
22 Did you observe evidence or do you have any prior knowledge that there have been previously any leaks, spills, or staining by substances other than water, or foul odors, associated with any flooring drains, walls, ceilings or exposed grounds on the property ?	Yes No X Unk	Yes No	
23 If the property is served by a private well or non-public water system, is there evidence or do you have prior knowledge that contaminants have been identified in the well or system that exceed guidelines applicable to the water system?	Yes No X Unk	Yes No	
24 If the property is served by a private well or non-public water system, is there evidence or do you have prior knowledge that the well has been designated as contaminated by any government environmental/health agency?	Yes No X Unk	Yes No	
25 Has the owner or occupant of the property been informed of the past existence of hazardous substances or petroleum products with respect to the property or any facility located on the property?	Yes No X Unk	Yes No	

Phase I ESA Questionnaire
ASTM E1527-13

Question	Seller/Tenant/Buyer	Observed During Site Walk	If "Yes" Please provide more details
26 Has the owner or occupant of the property been informed of the current existence of hazardous substances or petroleum products with respect to the property or any facility located on the property?	Yes No X Unk	Yes No	
27 Has the owner or occupant of the property been informed of the past existence of environmental violations with respect to the property or any facility located on the property?	Yes No X Unk	Yes No	
28 Has the owner or occupant of the property been informed of the current existence of environmental violations with respect to the property or any facility located on the property?	Yes No X Unk	Yes No	
29 Does the owner or occupant of the property have any knowledge of any environmental site assessment of the property or facility that indicated the presence of hazardous substances or petroleum products on, or contamination of, the property or recommended further assessment of the property?	Yes No X Unk	Yes No	
30 Does the owner or occupant of the property know of any past, threatened, or pending lawsuits or administrative proceedings concerning a release or threatened release of any hazardous substance or petroleum products involving the property by any owner or occupant of the property?	Yes No X Unk	Yes No	
31 Does the property discharge waste-water (not including sanitary waste or storm water) onto or adjacent to the property and/or into a storm water system?	Yes No X Unk	Yes No	
32 Does the property discharge waste water (not including sanitary waste or storm water) onto or adjacent to the property and/or into a sanitary sewer system?	Yes No X Unk	Yes No	

Phase I ESA Questionnaire
ASTM E1527-13

Question	Seller/Tenant/Buyer	Observed During Site Walk	If "Yes" Please provide more details
33 Did you observe evidence or do you have any prior knowledge that any hazardous substances or petroleum products, unidentified waste materials, tires, automotive or industrial batteries, or any other waste materials have been dumped above grade, buried and/or burned on the property ?	Yes No X Unk	Yes No	
34 Is there a transformer, capacitor, or any hydraulic equipment for which there are any records indicating the presence of PCBs?	Yes No Unk X	Yes No	
35 Were there any previous environmental assessments done at the Property? If "Yes", please make the documents available.	Yes No Unk X	Yes No	

Completed By: Spencer Ingrim

Title: Regional Property Manager

Completed On: 03.01.2021