APPENDIX E: HAZARDS AND HAZARDOUS MATERIALS TECHNICAL SUPPORT DOCUMENTS

2019 Phase I Environmental Site Assessment prepared by Farallon Consulting

2019 Phase II Environmental Site Assessment Findings prepared by Farallon Consulting

2023 Additional Environmental Report prepared by Farallon Consulting

Media Management Plan prepared by Farallon Consulting

FARALLON CONSULTING

Washington
Issaquah | Bellingham | Seattle
Oregon
Portland | Bend | Baker City
California
Oakland | Folsom | Irvine

PHASE I
ENVIRONMENTAL SITE ASSESSMENT REPORT

Brisbane Quarry
1 Quarry Road
Brisbane, California

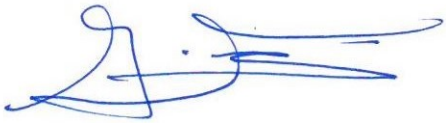
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January 16, 2019

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FIGURES

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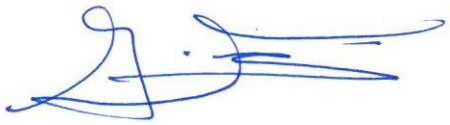
Appendix C User Questionnaire

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ENVIRONMENTAL PROFESSIONALS' STATEMENT

We declare that, to the best of our professional knowledge and belief, we meet the definition of Environmental Professional as established in Part 312.10 of Title 40 of the Code of Federal Regulations (40 CFR 312.10) 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 all appropriate inquiries in conformance with the standards and practices set forth in 40 CFR 312.





Name	Gavin Polite Fisco, P.G.	Name	Scott Allin, R.E.P.A.
Title	Associate Geologist	Title	Principal Environmental Scientist

EXECUTIVE SUMMARY

Farallon Consulting, L.L.C. (Farallon) has prepared this Phase I Environmental Site Assessment (Phase I ESA) Report for the Brisbane Quarry property at 1 Quarry Road in Brisbane, California (herein referred to as the Site). The Phase I ESA was conducted by Mr. Gavin Polite Fisco and was reviewed and approved by Mr. Scott Allin. Both are experienced Environmental Professionals in the field of Phase I ESAs and related environmental investigations.

This Phase I ESA Report was prepared for Orchard Partners, LLC (Orchard Partners) in accordance with the letter regarding Proposal for Phase I Environmental Site Assessment, Brisbane Quarry, Brisbane, California dated May 29, 2018 from Messrs. Fisco and Allin of Farallon to Mr. Tyler Higgins of Orchard Partners. The scope of work for this Phase I ESA is consistent with ASTM International Standard E1527-13, *Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process* (ASTM E1527-13). ASTM E1527-13 is intended to assist the user in satisfying one of the requirements to qualify for protection from potential liability under the Comprehensive Environmental Response, Compensation, and Liability Act as the innocent landowner, contiguous property owner, or bona fide prospective purchaser. ASTM E1527-13 constitutes "all appropriate inquiry" into the previous ownership, uses, and environmental conditions of a property consistent with good commercial or customary practice, as defined in Section 9601(35)(B) of Title 42 of the U.S. Code.

There were no deviations from ASTM E1527-13 during this Phase I ESA. Limiting conditions encountered during the Phase I ESA were the presence of vehicles parked on exterior portions of the Site that prevented Farallon from observing the entire ground surface of the Site, and the presence of furniture and equipment in the Site buildings that prevented Farallon from observing the entire interior floor surface. Based on information obtained from the Site representative, these limiting conditions are not expected to hinder the conclusions of this report. Farallon identified the following data gap during this Phase I ESA. According to the report *Phase I Environmental Site Assessment, California Rock and Asphalt, Inc., Brisbane, California* dated May 13, 1999 prepared for the Site by Lowney Associates (1999 Phase I report), in preparation for a real estate transaction that involved converting the Site to a residential use, soil sampling was in progress at the time of the assessment and was to be presented under a separate cover. However, a report documenting the soil sampling results was not identified during this Phase I ESA. Review of available documents did not identify the report, and an attempt to contact the authors of the report on September 18, 2018 was unsuccessful. Based on the balance of information obtained during this Phase I ESA and planned continued use of the Site for commercial/industrial purposes, this data gap is unlikely to alter the conclusions of this report and, therefore, is not considered significant.

The purpose of the Phase I ESA was to identify, as practicable, recognized environmental conditions on the Site or proximate to the Site that have caused and/or may cause an adverse environmental condition. This Phase I ESA Report provides the results from investigation into past and present ownership and uses of the Site, consistent with good commercial and/or customary practice.

The Site consists of San Mateo County Parcel Nos. 005-270-070, 005-270-080, 005-270-090, and 005-270-110, which total approximately 144 acres of land developed with several small single-story office buildings and storage canopies. Other features on the Site included asphalt-mixing equipment, rock-crushing equipment, recycled material piles, and stormwater/seepage ponds. The dates of construction of the Site features were not located, but based on historical research, some features date back to the late 1800s and early 1900s. Dirt- and gravel-surface roadways are present on the Site. Vehicular access to the Site is gained from Quarry Road at the northeastern corner of the Site. According to the Site representative, the Site is owned by several individuals and trusts. The Site is occupied by Evans Brothers, Inc., part of the ownership group, and is used primarily as a rock quarry.

Historically, the Site has been used as a quarry since the late 1800s. City directory listings for the Site address included various quarry and aggregate businesses. Current operations primarily include asphalt mixing, rock crushing, and metal and concrete recycling. As discussed herein, the current and historical quarrying operations on the Site were not considered a significant environmental concern.

At the time of the site reconnaissance, Farallon observed several aboveground storage tanks (ASTs), including: an approximately 500-gallon waste oil AST with built-in secondary containment in the hazardous material storage area; an approximately 20,000-gallon heavy-oil AST and two large water ASTs in the asphalt plant area; and an approximately 1,000-gallon AST near the office and weigh scale area containing tack oil used for off-Site asphalt sealing. Farallon observed approximately twenty 55-gallon drums of petroleum products and waste in the hazardous material storage area on the eastern portion of the Site, two 55-gallon lube oil drums in a storage container within secondary containment, and oxygen and acetylene tanks outside the maintenance are on the northwestern portion of the Site. No solvent use or storage was observed. According to Site representatives, solvents are not currently and have not been historically used or generated on the Site. Petroleum staining was observed on plastic containment beneath drums under a canopy in the hazardous material storage area on the eastern portion of the Site. Soil underlying the plastic containment and drums could not be inspected during the site reconnaissance; however, the staining is considered de minimis based on the conditions observed and the chemical constituents of concern, although the area should be noted and appropriately managed during redevelopment.

Farallon was provided with the 1999 Phase I report and contacted the San Mateo County Health Department (SMCHD), which provided various records, including the Underground Storage Tank (UST) Removal Report dated January 25, 2007 prepared by LSA Associates, Inc. (2007 UST Removal Report). According to the documents reviewed, three USTs containing diesel fuel and gasoline were removed between 1986 and 1992. During removal activities, petroleum impacts to soil and groundwater were observed and an environmental investigation was performed to characterize the extent of impacted soil and groundwater. Groundwater monitoring at the Site was performed from 1986 through 1996 and concentrations of petroleum constituents decreased significantly over time. Based on the groundwater monitoring results, SMCHD issued case closure in December 1999. Based on the presence of residual petroleum constituents in soil and

groundwater, these USTs represent a controlled recognized environmental condition in connection with the Site.

The 2007 UST Removal Report detailed the decommissioning and removal of four USTs containing asphalt or asphalt emulsion that were installed in the 1960s. According to the 2007 UST Removal Report, the USTs were removed, and limited overexcavation of hardened asphalt material was conducted at the bottom and sidewalls of the excavation. According to the 2007 UST Removal Report, total petroleum hydrocarbons as diesel-range organics were detected at concentrations exceeding the environmental screening level for commercial properties in confirmation groundwater samples collected. SMCHD issued conditional closure of the asphalt oil USTs in a letter dated April 18, 2007, which indicated residual petroleum impact exists proximate to the former USTs, and notification to SMCHD is required under a future change in land use, such as residential. Based on the presence of residual petroleum constituents in soil and groundwater, these USTs represent a controlled recognized environmental condition in connection with the Site.

Adjacent properties at the time of Farallon's site reconnaissance included mixed commercial and light industrial properties to the northeast, and undeveloped land to the east, west, and south.

Historically, adjacent properties appeared to be undeveloped, with the exception of the north-adjacent property, which appeared developed with several residences and farm and/or barn structures from the late 1890s through the 1960s. Between 1960 and 1974, adjacent properties appeared to be cleared, and then developed with commercial/industrial warehouses. Additional infill development of commercial/industrial properties north-adjacent to the Site continued through 1993. City directory listings for adjacent properties included various commercial businesses.

The Environmental Risk Information Services (ERIS) database report prepared for the Site (ERIS Report) identified the Site address in several databases. The Site was identified as a handler of hazardous materials; and as having various USTs and ASTs, an industrial stormwater permit, and permitted emissions with the Bay Area Air Quality Control Board. No solvent use, storage, or generation was noted in the listings. The Site was listed as having a fire in August 1989, with no additional information provided. No violations were identified during the review of the ERIS Report, with the exception of various injury reports related to mining activities. Based on the information provided in the ERIS Report, the listings for the Site do not represent a recognized environmental condition in connection with the Site. In-person regulatory file reviews were not performed for the Site due to the time and/or cost constraints of this Phase I ESA. However, Farallon searched the California State Water Resources Control Board online GeoTracker database (GeoTracker database) and the California Department of Toxic Substances Control online EnviroStor database (EnviroStor database) for records related to the Site. These databases contained one listing related to the leaking USTs that were identified in May 1986, removed as discussed above, and certified for case closure in December 1999.

None of the adjacent facilities listed in the ERIS Report was considered to represent a recognized environmental condition in connection with the Site. Farallon reviewed the GeoTracker and

EnviroStor databases for surrounding properties, which provided information regarding several "Closed" sites, none of which represents a recognized environmental condition in connection with the Site.

Based on review of the Site history, interviews with persons knowledgeable about the Site, reconnaissance of the Site, and review of regulatory agency lists, this Phase I ESA identified the presence of residual petroleum contamination in soil and groundwater related to the removal of the former USTs as a controlled recognized environmental condition in connection with the Site. This Phase I ESA identified no evidence of recognized environmental conditions in connection with the Site.

1.0 INTRODUCTION

This Phase I Environmental Site Assessment (Phase I ESA) Report was prepared by Farallon Consulting, L.L.C. (Farallon) for the Brisbane Quarry property at 1 Quarry Road in Brisbane, California (herein referred to as the Site) (Figure 1). This section discusses the project authorization, and the qualifications of the Environmental Professionals conducting and reviewing the Phase I ESA work. Also included in this section are the project purpose, objective, scope of services, deviations, limiting conditions, and data gaps.

1.1 PROJECT AUTHORIZATION

This Phase I ESA Report was prepared for Orchard Partners, LLC (Orchard Partners) in accordance with the letter regarding Proposal for Phase I Environmental Site Assessment, Brisbane Quarry, Brisbane, California dated May 29, 2018 from Messrs. Gavin Polite Fisco and Scott Allin of Farallon to Mr. Tyler Higgins of Orchard Partners. The scope of work for this Phase I ESA is consistent with ASTM International Standard E1527-13, *Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process* (ASTM E1527-13).

1.2 PROFESSIONAL QUALIFICATIONS

The Phase I ESA was conducted by Mr. Fisco and was reviewed and approved by Mr. Allin. Both have an understanding of surface and subsurface environmental conditions and the processes used to evaluate these conditions, and the ability to develop opinions regarding conditions indicative of a release or threatened release of hazardous substances and petroleum products. These Environmental Professionals have developed and performed all appropriate inquiry, in conformance with the standards and practices set forth in Part 312 of Title 40 of the Code of Federal Regulations. The professional qualifications of Messrs. Fisco and Allin are provided in Appendix A.

1.3 PROJECT PURPOSE AND OBJECTIVE

The purpose of the Phase I ESA was to identify, as practicable, recognized environmental conditions on the Site and within the appropriate study area that have caused and/or may cause an adverse environmental impact. ASTM E1527-13 is intended to permit a user to satisfy one of the requirements to qualify for protection from potential liability under the Comprehensive Environmental Response, Compensation, and Liability Act as the innocent landowner, contiguous property owner, or bona fide prospective purchaser. ASTM E1527-13 constitutes "all appropriate inquiry" into the previous ownership, uses, and environmental conditions of a property consistent with good commercial or customary practice, as defined in Section 9601(35)(B) of Title 42 of the U.S. Code.

The objective of the Phase I ESA was to perform an appropriate inquiry into past and present ownership and uses of the Site, consistent with good commercial and/or customary practice. This Phase I ESA Report is to be used as a risk management tool to meet all appropriate inquiry

requirements and the Comprehensive Environmental Response, Compensation, and Liability Act liability defense. The Phase I ESA does not guarantee that there are no impacts to the Site.

For the purpose of this Phase I ESA Report, the term "recognized environmental condition" is defined as the presence or likely presence of any hazardous substance or petroleum product in, on, or at the Site due to releases to the environment, under conditions indicative of a release to the environment, or under conditions that pose a material threat of a future release to the environment. The term is not intended to include "de minimis 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 the applicable governmental agencies.

The term "controlled recognized environmental condition" is defined as a recognized environmental condition resulting from a past release of a hazardous substance or petroleum product that has been addressed to the satisfaction of the applicable regulatory authority, with hazardous substances or petroleum products allowed to remain in-place subject to implementation of required controls.

The term "historical recognized environmental condition" is defined as a past release of any hazardous substance or petroleum product that has occurred in connection with the Site and has been addressed to the satisfaction of the applicable regulatory authority, without subjecting the Site to any required controls.

It is Farallon's understanding that Orchard Partners intends to redevelop the Site for commercial/industrial use.

1.4 PROJECT SCOPE OF SERVICES

This Phase I ESA Report has been prepared in accordance with the scope of work presented in ASTM E1527-13 and the letter regarding Proposal for Phase I Environmental Site Assessment, Brisbane Quarry, Brisbane, California dated May 29, 2018 from Messrs. Fisco and Allin of Farallon to Mr. Higgins of Orchard Partners. The scope of work for this Phase I ESA included a records review, literature research and review, a site reconnaissance, interviews with individuals familiar with the Site, interviews with local governmental officials, and preparation of this report.

1.5 DEVIATIONS

There were no deviations from ASTM E1527-13 during this Phase I ESA.

1.6 LIMITING CONDITIONS

Limiting conditions encountered during this Phase I ESA were the presence of vehicles and equipment on exterior portions of the Site that prevented Farallon from observing the entire ground surface of the Site, and the presence of furniture and equipment in the Site buildings that prevented Farallon from observing the entire interior floor surface. Based on information obtained from the

Site representative, these limiting conditions are not expected to hinder the conclusions of this report.

1.7 DATA GAPS

Data gaps may affect the ability to identify recognized environmental conditions and Farallon's ability to render opinions and conclusions for presentation in the Phase I ESA Report. Farallon identified the following notable data gap during this Phase I ESA. According to the report *Phase I Environmental Site Assessment, California Rock and Asphalt, Inc., Brisbane, California* dated May 13, 1999 prepared for the Site by Lowney Associates (1999 Phase I report), in preparation for a real estate transaction that involved converting the Site to a residential use, soil sampling was in progress at the time of the assessment and was to be presented under a separate cover. However, a report documenting the soil sampling results was not identified during this Phase I ESA. Review of available documents did not identify the report, and an attempt to contact the authors of the report on September 28, 2018 was unsuccessful. Based on the balance of information obtained during this Phase I ESA and planned continued use of the Site for commercial/industrial purposes, this data gap is unlikely to alter the conclusions of this report and, therefore, is not considered significant.

2.0 SITE OVERVIEW

This section includes an overview of the Site location, improvements, and operations. A description of adjacent and surrounding land use also is provided.

2.1 SITE LOCATION

The Site is southwest of the termination of Quarry Road, approximately 1.5 miles west of Highway 101. The current Site address is 1 Quarry Road, but historical documents also use 1 Old Quarry Road as the Site address. The location is in a primarily commercial and industrial area approximately 7 miles south of downtown San Francisco. The nearest residential development is approximately 0.6 mile west of the Site. The Site vicinity is shown on Figure 1.

2.2 SITE DESCRIPTION

The Site consists of San Mateo County Parcel Nos. 005-270-070, 005-270-080, 005-270-090, and 005-270-110, which total approximately 144 acres of land developed with several small single-story office buildings and storage canopies. All structures and storage features were less than 1,000 square feet in size. The storage canopies were used to store non-hazardous and hazardous materials and wastes related to active quarrying operations conducted on the Site. As discussed herein, the materials and wastes stored on the Site, and the current and historical quarrying operations, were not considered recognized environmental conditions in connection with the Site. Other features on the Site included asphalt-mixing equipment, rock-crushing equipment, recycled material piles, and stormwater/seepage ponds. The dates of construction of the Site features were not located, but based on historical research, some features date back to the late 1800s and early 1900s. Dirt- and gravel-surface roadways are present on the Site. Vehicular access to the Site is gained from Quarry Road at the northeast corner of the Site.

Figure 2 presents a plan map of the Site. Additional details pertaining to the Site are provided in Section 8.2, Site Reconnaissance Observations. Site photographs are presented in Appendix B.

2.3 SITE OPERATIONS

The Site is owned by several individuals and trusts. The Site is occupied by Evans Brothers, Inc. (Evans Brothers), part of the ownership group, and is used primarily as a rock quarry. Operations primarily include asphalt mixing, rock crushing, and metal and concrete recycling. Sand is imported from several construction sites around the Bay Area and used for mixing in asphalt-generation operations. The sand reportedly is screened for potential environmental impact prior to being imported to the Site. Excavators and equipment reportedly are maintained by a mobile outside contractor, and virgin oil used and petroleum wastes generated are stored on the Site. Virgin oil storage generally consists of a 20,000-gallon heavy oil aboveground storage tank (AST) and a 1,000-gallon tack oil AST. The heavy oil is mixed with sand to make liquid asphalt and the tack oil is used as an asphalt sealant. Shortly after it is made, liquid asphalt is transported off the Site along with a corresponding supply of asphalt sealant, where it is used for various development

and roadway projects. Waste oil generated from the use of on-Site equipment primarily is stored in a 500-gallon AST. Smaller quantities of petroleum products and petroleum wastes also are stored in 55-gallon drums (approximately 25 in total) throughout the Site. No significant staining was observed proximate to the ASTs or 55-gallon drums. Other materials used in connection with on-Site operations include an oxygen tank, an acetylene tank, several water tanks, and various maintenance and cleaning supplies. Solvents are not currently and, according to Site representatives, have not been historically used, stored, or generated on the Site. Several stormwater capture or natural seepage ponds are present on the Site; water from these ponds is used for truck traffic dust control.

2.4 ADJACENT AND SURROUNDING LAND USE

Adjacent properties at the time of Farallon's site reconnaissance included mixed commercial and light industrial properties to the northeast, and undeveloped land to the east, west, and south. No visual evidence of recognized environmental conditions was observed on abutting or nearby properties during the site reconnaissance. Observations were restricted to areas readily observable from the Site.

3.0 PHYSICAL SETTING

The physical setting of the Site, including topography, geology, and hydrogeology, is described in this section. Farallon's assessment of sensitive receptors in the area also is discussed.

3.1 TOPOGRAPHY

Farallon reviewed the U.S. Geological Survey (USGS) topographic map for San Francisco South, California dated 2015 provided by Environmental Risk Information Services (ERIS). The map depicts the Site at an elevation of approximately 226 feet above mean sea level. The Site topography slopes down to the northeast from San Bruno Mountain at the top of the quarry toward Guadalupe Valley at the bottom. The topography in the general vicinity of the Site slopes down to the east toward San Francisco Bay.

3.2 GEOLOGY AND HYDROGEOLOGY

According to the ERIS Physical Setting Report prepared for the Site dated June 1, 2018 (ERIS PSR), surface soil at the Site consists primarily of Candlestick-Kron-Buriburi complex, which is a moderately well-drained sandy loam.

Shallow groundwater flow direction typically can be estimated by examination of surface topography or by nearby surface water bodies. Based on the topography of the Site and vicinity, groundwater is expected to flow to the northeast. According to the 1999 Phase I report, groundwater has been documented to flow to the northeast, and was encountered at depths of between 12 and 16 feet below ground surface.

3.3 OIL AND GAS RECORDS

According to the California Department of Conservation, Division of Oil, Gas, and Geothermal Resources Well Finder online database, no permitted oil or gas wells are on the Site or adjacent properties.

3.4 SENSITIVE RECEPTORS

Farallon conducted a limited assessment of sensitive receptors on or in the vicinity of the Site that was confined to visually apparent features such as surface water bodies (e.g., low-lying wet areas, streams, ponds) and residential and recreational areas. Farallon's assessment of sensitive receptors included a review of readily ascertainable information relating to the presence of private, semiprivate, public, and industrial water-supply wells.

According to the ERIS PSR, the Site is located in Zone X-12, defined as an area of minimal flood hazard. No federally designated wetlands are within 0.5 mile of the Site. A public water-supply well was identified approximately 0.9 mile east of the Site. The water bodies nearest the Site were

identified as Bayshore Lagoon approximately 1.2 miles east of the Site, and San Francisco Bay approximately 1.6 miles east of the Site.

4.0 USER-PROVIDED INFORMATION

Farallon understands that the user of this report, Orchard Partners, is seeking to follow the standards set forth in ASTM E1527-13 to complete an environmental assessment of the Site. The user has specific responsibilities for fulfilling ASTM E1527-13 requirements to help identify the possibility of recognized environmental conditions in connection with the Site. These responsibilities do not require the technical expertise of an Environmental Professional, and were not performed by the Environmental Professional who conducted the Phase I ESA at the Site.

To facilitate fulfillment of the ASTM E1527-13 requirements identified below, Farallon provided Orchard Partners with a copy of the *Phase I ESA User Questionnaire* (User Questionnaire) to complete. The User Questionnaire is provided in Appendix C of this Phase I ESA Report.

4.1 TITLE AND LIEN RECORDS

Orchard Partners indicated that it was not aware of environmental liens against the Site.

4.2 EXPERIENCE AND SPECIALIZED KNOWLEDGE

Orchard Partners indicated that it has no experience or specialized knowledge regarding the Site.

4.3 COMMONLY KNOWN INFORMATION

Orchard Partners indicated that it is not aware of commonly known information that would lead to identification of recognized environmental conditions in connection with the Site.

4.4 PHASE I ENVIRONMENTAL SITE ASSESSMENT REPORT USERS

Orchard Partners will rely on this Phase I ESA Report.

4.5 PREVIOUS ENVIRONMENTAL STUDIES

Farallon was provided with the 1999 Phase I report. The Site layout and use described in the 1999 Phase I report were similar to those of the present. The 1999 Phase I report was prepared for SummerHill Homes and stated the Site was being evaluated for potential change to a residential land use.

The 1999 Phase I report identified various notable features, including an on-Site water-supply well used for industrial water supply, three single-walled steel underground storage tanks (USTs) used to store asphalt oil adjacent to the main asphalt plant building, several empty 25-gallon drums of grease and 55-gallon drums of hydraulic oil in a maintenance area behind the asphalt plant, and four approximately 500-gallon ASTs containing virgin oil and various drums of waste oil and maintenance fluids in the storage area south of the quarry entrance, where staining was evident. The 1999 Phase I report also identified a vehicle-fueling area north of the main quarry floor, where

an approximately 10,000-gallon diesel fuel AST and a 500-gallon truck-mounted gasoline AST were observed; staining was observed in the vicinity of the fueling operations. The 1999 Phase I report stated soil sampling was in progress and would be provided under a separate cover, but the report did not specify which features were being evaluated. The soil sampling report was not obtained during the performance of this Phase I ESA.

According to the 1999 Phase I report, two 10,000-gallon USTs (one diesel fuel and one gasoline) near the Site entrance were removed in July 1986, and an 8,000-gallon diesel fuel UST and associated dispenser near the asphalt plant were removed in April 1992. During removal activities, petroleum impacts to soil and groundwater were observed and a leaking UST case was opened with the San Mateo County Health Department (SMCHD) or related agency. Various borings and monitoring wells were installed to characterize the extent of impacted soil and groundwater; in 1993, excavations were completed in each of the former UST areas to remove residual impacted soil. Groundwater monitoring at the Site was performed from 1986 through 1996; based on the results, a case closure request was submitted to SMCHD, or a related agency, in January 1997.

The 1999 Phase I report recommended various actions prior to property transfer, including additional environmental evaluation of the asphalt oil USTs, removal of all hazardous materials and stained features, additional assessment of the sediment ponds, and submittal of a request for case closure for previous diesel fuel and gasoline USTs. The 1999 Phase I report also recommended proper destruction of the monitoring wells associated with the leaking UST case and the on-Site water-supply well.

As indicated in Section 7.5, Interview with Health Department, the diesel and gasoline USTs were issued conditional closure by SMCHD in the memorandum regarding Site No. 560002, American Rock and Asphalt, 1 Old Quarry Road, Brisbane, California 94005 dated May 13, 1999, from the Groundwater Protection Program staff to file; and amended by the letter regarding Residual Hydrocarbons at 1 Old Quarry Road, Brisbane, California dated April 18, 2007, from Mr. Charles Ice of SMCHD to Mr. Bill Prince of the City of Brisbane (UST Closure Letters). The UST Closure Letters are provided in Appendix D. The UST Closure Letters included the asphalt oil USTs, which were removed in 2007, and the files reviewed from SMCHD included monitoring well abandonment documentation. The UST Closure Letters indicate residual petroleum impact exists proximate to the former USTs, and notification to SMCHD is required under a future change in land use, such as residential. Based on the presence of residual petroleum constituents in soil and groundwater, the USTs represent a controlled recognized environmental condition in connection with the Site. As indicated in Section 8.2.4, Exterior Observation Comments, no sheen or evidence of chemical impact to the sediment ponds was observed during Farallon's site reconnaissance. As indicated in Section 7.1, Interview with Site Representative, the Site contacts interviewed were not aware of any water-supply production wells at the Site.

5.0 SITE BACKGROUND AND HISTORY

Farallon reviewed the following historical sources as part of this Phase I ESA:

- Aerial photographs of the Brisbane, California area dated 1941, 1946, 1956, 1960, 1968, 1974, 1982, 1985, 1993, 2005, 2009, 2010, 2012, 2014, and 2016 obtained from ERIS; and dated 1993, 2000, and 2002 through 2017 obtained from Google Earth;
- Pacific Bell Telephone, Haines, and Digital Business Directories of Brisbane, California dated 1951, 1955, 1960, 1965, 1970, 1976, 1981, 1986, 1991, 1996, 2001, 2006, 2009, 2014, and 2018 obtained from ERIS; and
- USGS topographic maps of San Mateo, California dated 1896, 1899, 1915, and 1939; and of San Francisco South, California dated 1947, 1950, 1956, 1968, 1973, 1980, 1995, 1996, and 2015 obtained from ERIS.

A search for Sanborn Fire Insurance Maps resulted in notification that there was no coverage for the Site.

Farallon is not responsible for the accuracy or completeness of the historical sources reviewed. The historical sources documented were reasonably ascertainable and practically reviewable during this Phase I ESA.

5.1 SITE

According to the Site representative, the Site has been used as a quarry since the late 1800s. Roads to the Site were evident in the late 1930s, and the Site appeared developed with a small quarry in the aerial photographs from the 1940s. The quarry expanded from the 1940s through the 1980s, when it appeared to have reached its current boundaries. City directory listings for the Site address included various quarry and aggregate businesses, including California Rock and Asphalt, Inc. in 2009, and EBI Aggregate from 2014 through 2018. Additional information regarding the Site history is provided in Section 4.5, Previous Environmental Studies, and Section 6.1, On-Site Listings.

5.2 ADJACENT PROPERTIES

Adjacent properties appeared to be undeveloped, with the exception of the north-adjacent property, which appeared developed with several residences and farm and/or barn structures from the late 1890s through the 1960s. Between 1960 and 1968, the north-adjacent property appeared cleared and graded for redevelopment. By 1974, adjacent properties appeared developed with commercial/industrial warehouses. Additional infill development of commercial/industrial properties north-adjacent to the Site continued through 1993. City directory listings for adjacent properties included Del Monte Meat Company, Leemah Electronics, Silk Botanica, CSAA, Dolby Laboratories, and various other commercial businesses.

6.0 REGULATORY REVIEW

ERIS conducted a review of environmental regulatory agency database listings to identify reported environmental issues related to the Site and facilities in the Site vicinity. Farallon used the greater of each approximate minimum search distance from the Site for each of the referenced federal and state environmental databases, as specified in ASTM E1527-13.

Farallon reviewed the results from the ERIS database report prepared for the Site dated June 1, 2018 (ERIS Report) to note reported facilities in the vicinity of the Site that were considered to have a potential to adversely impact the Site (i.e., are known to have resulted in or are expected to result in a recognized environmental condition). Reported facilities identified in the ERIS Report were evaluated with respect to the nature and extent of a given release, the distance of the reported facility from the Site, the stratigraphy of soil, the expected soil permeability, and the topographic position of a reported facility with respect to known or expected local and/or regional groundwater flow direction.

The descriptions of the databases searched, the complete database names for the abbreviations used in this Phase I ESA Report, and the associated search distances from the Site are provided in the ERIS Report presented in Appendix E.

6.1 ON-SITE LISTINGS

- **California Rock and Asphalt, Inc. EBI Aggregates, Hamilton Creek, LLC, Evans Brothers, Guadalupe Valley Quarry**, and various other entities at 1 Quarry Road and/or 1 Old Quarry Road, located on the Site, were identified in the San Mateo CUPA, Emissions, FINDS/FRS, HIST CHMIRS, HIST MANIFEST, San Mateo LOP, LUST, and HAZNET databases. According to the ERIS Report, the facility was a handler of hazardous materials; and had various USTs and ASTs, an industrial stormwater permit, and permitted emissions with the Bay Area Air Quality Control Board. No solvent use, storage, or generation was noted in the listings. The LUST status was listed as closed in 1999. The Site was listed as having a fire in August 1989, with no additional information provided. No violations were identified during the review of the ERIS Report, with the exception of various injury reports related to mining activities. Based on the information provided in the ERIS Report, the listings for the Site do not represent a recognized environmental condition in connection with the Site; however, historical USTs represent a controlled recognized environmental condition in connection with the Site.

Farallon searched the California State Water Resources Control Board online GeoTracker database (GeoTracker database) and the California Department of Toxic Substances Control online EnviroStor database (EnviroStor database) for records related to the Site, which contained one listing related to the leaking USTs identified in May 1986. As discussed in Section 4.5, Previous Environmental Studies, these USTs have been removed and were certified for case closure in December 1999.

6.2 ADJACENT AND OTHER FACILITY LISTINGS

Reported facilities within 0.25 mile up-gradient, 0.125 mile cross-gradient, or adjacent down-gradient of the Site are considered to have a potential to have impacted the Site. Facilities that were listed in the ERIS Report but not identified as a reported facility (e.g., a facility listed as a hazardous waste generator but not as having had a release), and facilities that were listed as "Closed" were not considered to have a potential to have impacted the Site.

Based on the above criteria, none of the facilities listed in the ERIS Report was considered to represent a recognized environmental condition in connection with the Site. Farallon reviewed the GeoTracker and EnviroStor databases for surrounding properties, which contained information regarding several "Closed" sites, none of which represents a recognized environmental condition in connection with the Site.

6.3 HISTORICAL AUTO STATIONS

Reported historical auto and gasoline stations within 250 feet of the Site are considered to have a potential to have impacted the Site. The ERIS Report did not identify historical auto stations, including former retail gasoline stations or auto repair facilities, within 250 feet of the Site.

6.4 HISTORICAL DRY CLEANING FACILITIES

Reported historical dry cleaning facilities within 250 feet of the Site are considered to have a potential to have impacted the Site. The ERIS Report did not identify historical dry cleaning facilities within 250 feet of the Site.

6.5 UNMAPPABLE LISTINGS

ERIS identified four facilities as "unplottable" that ERIS was unable to map due to inaccurate or inadequate address information. Farallon located these unplottable facilities and, according to the addresses provided by ERIS, one of the facilities is located within the respective search radii, and three are associated with Site operations and discussed in Section 6.1, On-Site Listings. The unplottable facility located that is not associated with the Site does not represent a recognized environmental condition in connection with the Site.

7.0 INTERVIEWS

Farallon conducted interviews with individuals familiar with the Site and contacted relevant local governmental agencies to obtain additional Site information. The responses from the parties contacted are provided below.

7.1 INTERVIEW WITH SITE REPRESENTATIVE

During the site reconnaissance, Farallon interviewed Messrs. Wil Evans and Tom Mankins, Site owner and occupant representatives with Evans Brothers, on June 13, 2018. The following information was obtained from this interview:

- The Site was originally developed for use as a rock quarry in 1896.
- Evans Brothers began occupancy of the Site in 2008. Previous tenants, including California Rock and Asphalt, and American Rock and Asphalt, used the Site as a rock quarry.
- The only former USTs on the Site were the gasoline and diesel fuel USTs that were issued regulatory No Further Action status.
- The interviewees had no knowledge of previous asphalt oil USTs referenced in the 1999 Phase I report, but indicated that the USTs were removed prior to Evans Brothers' taking possession of the Site.
- Hazardous materials and wastes consist of petroleum products for excavator maintenance and asphalt mixing. No historical solvent use has occurred on the Site.
- Utilities provided to the Site include natural gas and electricity that serve offices and equipment.
- A septic system is present near the office and weigh scale area.
- Equipment is maintained by an outside mobile contractor. Maintenance waste is stored on the Site in designated areas. The same areas have been used for hazardous material and waste storage areas throughout Evans Brothers' occupancy; no other hazardous material storage areas are known to have been present on the Site historically.
- No painted concrete or asphalt is accepted for recycling; each inbound load is visually screened prior to import. All imported sand is prescreened for chemicals of concern by chemical analysis, and is required to meet San Francisco Bay Regional Water Quality Control Board environmental screening levels for shallow residential soil.
- Hazardous materials are inspected by the County of San Mateo annually. The Site operates under a Hazardous Materials Business Plan with the County.
- The Site maintains a permit with the Bay Area Air Quality Management District for asphalt mixing and rock crushing.
- Minor oil spills are cleaned up, drummed, and disposed of off the Site.

- No wells are present on the Site.

Messrs. Evans and Mankins stated that they had not been made aware of any pending, threatened, or past:

- Litigation relevant to hazardous substances or petroleum products in, on, or from the Site;
- Administrative proceedings relevant to hazardous substances or petroleum products in, on, or from the Site; or
- Notices from a governmental entity regarding violations of environmental laws or liability relating to hazardous substances or petroleum products.

7.2 INTERVIEW WITH FIRE DEPARTMENT

Farallon contacted the North County Fire Authority on May 31, 2018 regarding previous and current ASTs and USTs at the Site. A representative of the North County Fire Authority indicated that it had no records for the Site.

7.3 INTERVIEW WITH CITY OF BRISBANE

Farallon contacted the City of Brisbane on May 31, 2018 regarding previous and current ASTs and USTs, notices of violations, and hazardous spills at the Site. A representative of the City of Brisbane indicated that it had no records of storage tanks, hazardous material storage, or spills associated with the Site.

7.4 INTERVIEW WITH BAY AREA AIR QUALITY MANAGEMENT DISTRICT

Farallon contacted the Bay Area Air Quality Management District on June 15, 2018 regarding permits for air emissions and notices of violations at the Site. A representative of the Bay Area Air Quality Management District provided records including a listing for permitted emissions dating back to 1983, with no violations noted.

7.5 INTERVIEW WITH HEALTH DEPARTMENT

Farallon contacted SMCHD on May 31, regarding notices of violations and/or reported hazardous spills at the Site. A representative of SMCHD provided records, including various Hazardous Materials Business Plans; hazardous material inspection records; approximately 30 reports related to the leaking UST investigation, cleanup, and closure at the Site; and an Underground Storage Tank Removal Report dated January 25, 2007 prepared by LSA Associates, Inc. (2007 UST Removal Report).

Hazardous Material Business Plans list hazardous materials and wastes as used heavy oil, acetylene, motor oil, mineral oil, oxygen, and waste oil. No chlorinated solvent use was identified in the records reviewed. Inspection records list minor administrative violations only.

The 2007 UST Removal Report detailed the decommissioning and removal of four USTs containing asphalt or asphalt emulsion that were installed in the 1960s. According to the 2007 UST Removal Report, the USTs were removed, and limited overexcavation of hardened asphalt material was conducted at the bottom and sidewalls of the excavation. According to the 2007 UST Removal Report, total petroleum hydrocarbons as diesel-range organics were detected at concentrations exceeding the environmental screening level for commercial properties in confirmation groundwater samples collected. SMCHD issued conditional closure of the asphalt oil USTs in a letter dated April 18, 2007, which indicated residual petroleum impact exists proximate to the former USTs, and notification to SMCHD is required under a future change in land use, such as residential.

Based on review of the documents available, Farallon identified the residual contamination related to former Site USTs as a controlled recognized environmental condition in connection with the Site.

8.0 SITE RECONNAISSANCE

Farallon conducted a site reconnaissance on June 13, 2018 to observe the Site for physical evidence of recognized environmental conditions. The methodology used for the site reconnaissance and the observations made during the reconnaissance are discussed below. A description of the Site is provided in Section 2.2, Site Description. Photographs taken during the site reconnaissance are presented in Appendix B.

8.1 SITE RECONNAISSANCE METHODOLOGY

Farallon completed a walk around the entire perimeter of the Site and inspected accessible interior portions of the Site buildings. There were no deviations from ASTM E1527-13 during the Phase I ESA. Limiting conditions encountered during the Phase I ESA were the presence of vehicles and equipment on exterior portions of the Site that prevented Farallon from observing the entire ground surface of the Site, and the presence of furniture and equipment in the Site buildings that prevented Farallon from observing the entire interior floor surface. Farallon could not access all portions of the Site due to quarry activities and dangerous terrain. Based on information obtained from the Site representative, these limiting conditions are not expected to hinder the conclusions of this report.

8.2 SITE RECONNAISSANCE OBSERVATIONS

Weather conditions at the time of the reconnaissance were clear, with a temperature of approximately 75 degrees Fahrenheit. No weather-related Site-access restrictions were encountered during the reconnaissance.

The Site consists of San Mateo County Parcel Nos. 005-270-070, 005-270-080, 005-270-090, and 005-270-110, which total approximately 144 acres of land developed with several small single-story office buildings and storage canopies. Other features on the Site included asphalt-mixing equipment, rock-crushing equipment, recycled material piles, and stormwater/seepage ponds. The dates of construction of the Site features were not located, but based on historical research, some features date back to the late 1800s and early 1900s. Dirt- and gravel-surface roadways are present on the Site. Access to the Site is gained from Quarry Road at the northeastern corner of the Site.

8.2.1 Interior Observations

Farallon's observations of the interior of Site buildings during the site reconnaissance are documented in the table below. Comments pertaining to notable interior observations follow in Section 8.2.2. Photographs taken during the site reconnaissance are provided in Appendix B.

INTERIOR OBSERVATIONS	YES	NO
Odor		X
Heating/Cooling System	X	
Drain(s) and/or Sump(s)	X	
Staining and/or Corrosion		X
Storage Tank(s), Vent Pipe(s), Fuel Port(s), and/or Fill Pipes		X
Clarifier(s)		X
Discharge Area		X
Drum(s) and/or Other Container(s)		X
Pool(s) of Liquid		X
Automobile Lift(s)		X
Monitoring Well(s)		X
Hazardous Material(s) and/or Petroleum Product(s)		X
Hazardous Waste		X

8.2.2 Interior Observation Comments

Heating/Cooling System

The Site buildings were heated with electrical and natural gas heating systems.

Drain(s) and/or Sump(s)

Farallon observed drains in the office bathrooms.

8.2.3 Exterior Observations

Farallon's observations of the exterior of the Site during the site reconnaissance are documented in the table below. Comments pertaining to notable exterior observations follow in Section 8.2.4. Photographs taken during the site reconnaissance are provided in Appendix B.

EXTERIOR OBSERVATIONS	YES	NO
Odor		X
Staining and/or Corrosion	X	
Storage Tank(s), Vent Pipe(s), and/or Fuel Port(s)	X	
Drum(s) and/or Other Container(s)	X	
Pool(s) of Liquid		X

EXTERIOR OBSERVATIONS	YES	NO
Hazardous Material(s) and/or Petroleum Product(s)	X	
Hazardous Waste	X	
Pit(s), Pond(s), and/or Lagoon(s)	X	
Stressed Vegetation		X
Solid (Non-Hazardous) Waste—Evidence of Dumping		X
Wastewater		X
Domestic Water	X	
Water Well(s)		X
Septic/Sewer System	X	
Stormwater	X	
Transformer(s)	X	
Significant Amount of Fill Material	X	

8.2.4 Exterior Observation Comments

Staining and/or Corrosion

Farallon observed petroleum staining on plastic containment beneath drums under a canopy in the hazardous material storage area on the eastern portion of the Site. Approximately 20 drums were stored in the area on spill-containment pallets. Soil underlying the plastic containment and drums could not be inspected during the site reconnaissance. The staining in the hazardous material storage area is considered de minimis based on the conditions observed and the chemical constituents of concern, although the area should be noted and appropriately managed during redevelopment.

Storage Tank(s), Vent Pipe(s), and/or Fuel Port(s)

Farallon observed several ASTs, including: an approximately 500-gallon waste-oil AST with built-in secondary containment in the hazardous material storage area; an approximately 20,000-gallon heavy-oil AST and two large water ASTs in the asphalt plant area; and an approximately 1,000-gallon AST near the office and weigh scale area containing tack oil used for off-Site asphalt sealing. The heavy oil is mixed with sand to make asphalt and the tack oil is used as an asphalt sealant. No significant staining was observed proximate to the ASTs.

Drum(s) and/or Other Container(s)

Drums are described under Hazardous Material(s) and/or Petroleum Product(s) below.

Hazardous Material(s) and/or Petroleum Product(s)

Farallon observed approximately twenty 55-gallon drums of petroleum products and waste in the hazardous material storage area on the eastern portion of the Site, discussed under Staining and/or Corrosion above. Other hazardous materials observed included two 55-gallon lube oil drums in a storage container with secondary containment, and oxygen and acetylene tanks outside the maintenance area on the northwestern portion of the Site. ASTs observed are described under Storage Tank(s), Vent Pipe(s), and/or Fuel Port(s) above.

Hazardous Waste

Hazardous wastes observed are described under Storage Tank(s), Vent Pipe(s), and/or Fuel Port(s) and Hazardous Material(s) and/or Petroleum Product(s) above.

Pit(s), Pond(s), and/or Lagoon(s)

Farallon observed three ponds and several smaller water-containing features. The ponds are used to fill water trucks for dust suppression. According to interviewees, some of the ponds have natural seeps. No sheen or evidence of impact to pond water was observed.

Domestic Water

Domestic water is supplied to the Site by the City of Brisbane

Septic/Sewer System

According to interviewees, a septic system is present proximate to the office and weigh scale area. The exact location of the septic system was not known.

Stormwater

Stormwater on the Site is directed into ponds or infiltrates into the ground surface. No sheen was observed on the ponds.

Transformer(s)

Farallon observed potential transformers in an electrical room in the asphalt plant area. No releases were observed proximate to the potential transformers.

Significant Amount of Fill Material

Several large piles of imported concrete and sand fill were observed during the site reconnaissance. The concrete is recycled into aggregate; the sand is added to asphalt in the mixing process. No chemical impact to the material was observed. According to interviewees, the imported material is screened for environmental concerns prior to import to the Site. No painted concrete or asphalt reportedly is accepted for recycling, and each inbound load is visually screened prior to import. All imported sand is prescreened for chemicals of concern by chemical analysis, and is required to meet San Francisco Bay Regional Water Quality Control Board environmental screening levels for shallow residential soil.

9.0 ADDITIONAL ENVIRONMENTAL SERVICES

At the request of Orchard Partners, Farallon performed environmental services in addition to those delineated in ASTM E1527-13. These services are considered non-scope items and are not required to satisfy ASTM E1527-13. These additional services are discussed below.

9.1 RADON

Radon is a colorless, tasteless, radioactive gas with a U.S. Environmental Protection Agency (EPA)–specified action level of 4.0 picocuries per liter. Radon gas has a very short half-life of 3.8 days. The health-risk potential of radon is associated with its rate of accumulation in confined areas, particularly in confined areas near or in the ground such as basements, where vapors can readily transfer to indoor air from the ground through foundation cracks or other pathways.

According to the ERIS Report, the Site is in Radon Zone 2, having predicted average indoor radon screening levels ranging from 2 to 4 picocuries per liter. The EPA zone designation reflects the average short-term radon measurement that can be expected to be measured in a building without implementation of radon-control methods. Based on the Site location and the absence of subsurface structures, radon is not expected to impact persons occupying the Site.

9.2 WATER SUPPLY/LEAD IN DRINKING WATER

Potable water is supplied to the Site by the City of Brisbane, which conducts annual testing of its groundwater supply. The most-recent water-supply data available are from 2017. Contaminants tested were under the maximum contaminant levels established by EPA.

9.3 ASBESTOS

In June 1978, EPA initiated a ban on the use of asbestos-containing material in spray application products such as structural fireproofing and acoustic ceilings, pipe lagging, joint compounds, and spackles.

Based on the unknown historical building construction dates, asbestos-containing material may be present at the Site.

9.4 LEAD-BASED PAINT

In 1978, EPA initiated a ban on the manufacture and use of lead-based paint. Based on the unknown historical building construction dates, lead-based paint may be present on the Site.

9.5 CHRONIC WATER INFILTRATION

At the time of the site reconnaissance, Farallon did not observe evidence of chronic water infiltration in the buildings on the Site.

9.6 WETLANDS

Wetlands are defined jointly by EPA and the U.S. Army Corps of Engineers as "those areas that are inundated or saturated by surface or groundwater for a duration and frequency sufficient to support and under normal circumstances do support a prevalence of vegetation adapted for life in saturated soil conditions." According to the ERIS PSR, wetlands are not present on the Site. The federally designated wetlands identified nearest the Site are more than 0.5 mile from the Site.

10.0 FINDINGS AND OPINIONS

Farallon observed petroleum staining on plastic containment beneath drums under a canopy in the hazardous material storage area on the eastern portion of the Site. Approximately 20 drums were stored in the area on spill-containment pallets. Soil underlying the plastic containment and drums could not be inspected during the site reconnaissance. The staining in the hazardous material storage area is considered de minimis based on the conditions observed and the chemical constituents of concern, although the area should be noted and appropriately managed during redevelopment.

According to the documents reviewed, three USTs containing diesel fuel and gasoline were removed between 1986 and 1992. During removal activities, petroleum impacts to soil and groundwater were observed and an environmental investigation was performed to characterize the extent of impacted soil and groundwater. Groundwater monitoring at the Site was performed from 1986 through 1996 and concentrations of petroleum constituents decreased significantly over time. Based on the groundwater monitoring results, SMCHD issued case closure in December 1999. Based on the presence of residual petroleum constituents in soil and groundwater, these USTs represent a controlled recognized environmental condition in connection with the Site.

The 2007 UST Removal Report detailed the decommissioning and removal of four USTs containing asphalt or asphalt emulsion that were installed in the 1960s. According to the 2007 UST Removal Report, the USTs were removed, and limited overexcavation of hardened asphalt material was conducted at the bottom and sidewalls of the excavation. According to the 2007 UST Removal Report, total petroleum hydrocarbons as diesel-range organics were detected at concentrations exceeding the environmental screening level for commercial properties in confirmation groundwater samples collected. SMCHD issued conditional closure of the asphalt oil USTs in a letter dated April 18, 2007, which indicated residual petroleum impact exists proximate to the former USTs, and notification to SMCHD is required under a future change in land use, such as residential. Based on the presence of residual petroleum constituents in soil and groundwater, these USTs represent a controlled recognized environmental condition in connection with the Site.

The ERIS Report identified the Site address in several databases. The Site was identified as a handler of hazardous materials; and as having various USTs and ASTs, an industrial stormwater permit, and permitted emissions with the Bay Area Air Quality Control Board. No solvent use, storage, or generation was noted in the listings. The Site was listed as having a fire in August 1989, with no additional information provided. No violations were identified during review of the ERIS Report, with the exception of various injury reports related to mining activities. Based on the information provided in the ERIS Report, the listings for the Site do not represent a recognized environmental condition in connection with the Site. Farallon searched the GeoTracker and EnviroStor databases for records related to the Site, which contained one listing related to the leaking USTs identified in May 1986, removed as discussed above, and certified for case closure in December 1999.

11.0 CONCLUSIONS

Farallon conducted a Phase I ESA for the Brisbane Quarry property at 1 Quarry Road in Brisbane, California in conformance with the scope and limitations of ASTM E1527-13. Any exceptions to or deletions from this practice are described in Section 1.5, Deviations. This assessment identified no evidence of recognized environmental conditions in connection with the Site. Based on the presence of residual petroleum constituents in soil and groundwater, former USTs represent controlled recognized environmental conditions in connection with the Site.

12.0 REFERENCES

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13.0 LIMITATIONS

13.1 GENERAL LIMITATIONS

The conclusions contained in this report/assessment are based on professional opinions with regard to the subject matter. These opinions have been arrived at in accordance with currently accepted hydrogeologic and engineering standards and practices applicable to this location. The conclusions contained herein are subject to the following inherent limitations:

- **Accuracy of Information.** Farallon obtained, reviewed, and evaluated certain information used in this report/assessment from sources that were believed to be reliable. Farallon's conclusions, opinions, and recommendations are based in part on such information. Farallon's services did not include verification of its accuracy or authenticity. Should the information upon which Farallon relied prove to be inaccurate or unreliable, Farallon reserves the right to amend or revise its conclusions, opinions, and/or recommendations.
- **Reconnaissance and/or Characterization.** Farallon performed a reconnaissance and/or characterization of the Site that is the subject of this report/assessment to document current conditions. Farallon focused on areas deemed more likely to exhibit hazardous materials conditions. Contamination may exist in other areas of the Site that were not investigated or were inaccessible. Site activities beyond Farallon's control could change at any time after the completion of this report/assessment.

For the foregoing reasons, Farallon cannot and does not warrant or guarantee that the Site is free of hazardous or potentially hazardous substances or conditions, or that latent or undiscovered conditions will not become evident in the future. Farallon's observations, findings, and opinions can be considered valid only as of the date of the report.

This report/assessment has been prepared in accordance with the contract for services between Farallon and Orchard Partners, LLC, and currently accepted industry standards. No other warranties, representations, or certifications are made.

13.2 LIMITATION ON RELIANCE BY THIRD PARTIES

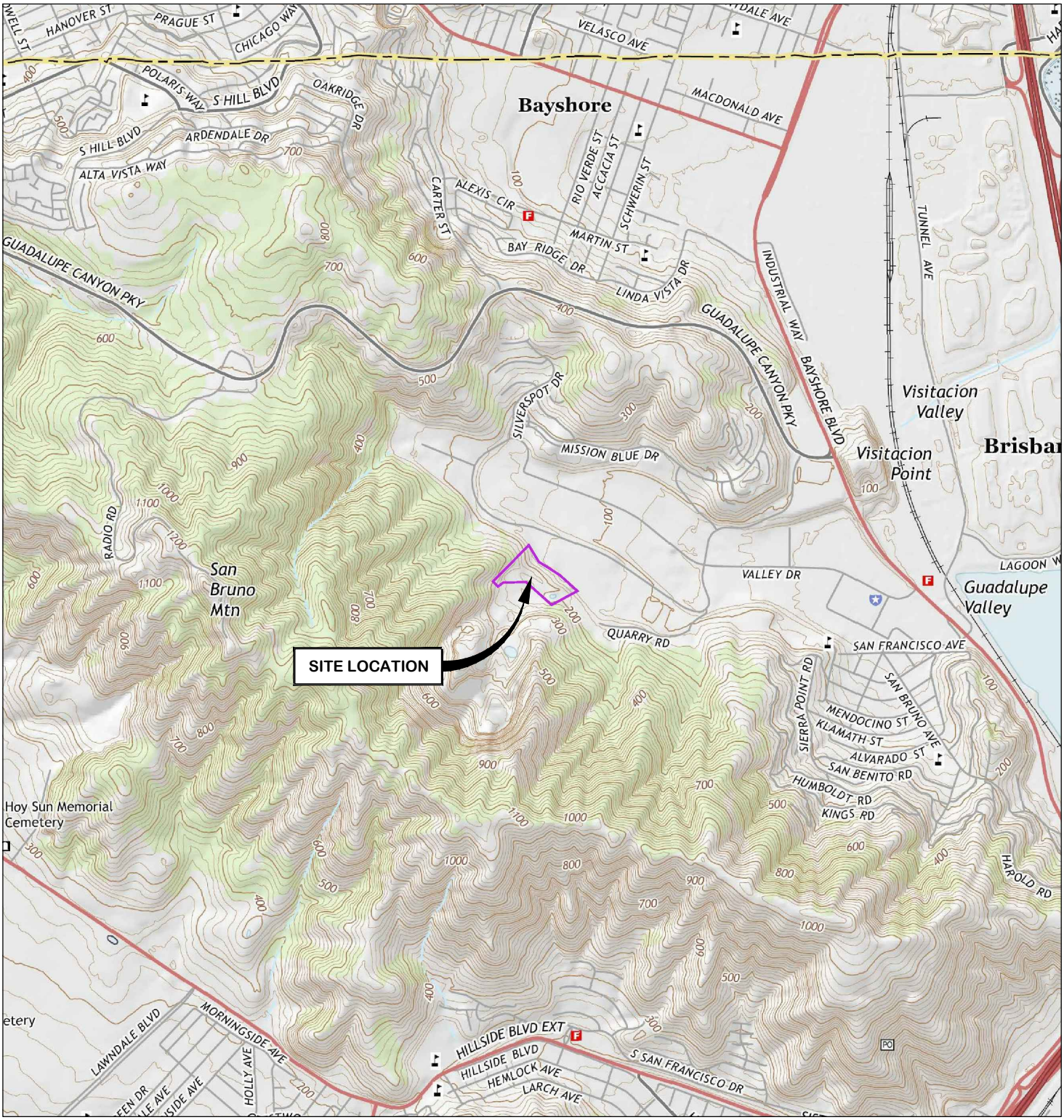
Reliance by third parties is prohibited. This report/assessment has been prepared for the exclusive use of Orchard Partners, LLC to address the unique needs of Orchard Partners, LLC at the Site at a specific point in time.

This is not a general grant of reliance. No one other than Orchard Partners, LLC may rely on this report unless Farallon agrees in advance to such reliance in writing. Any unauthorized use, interpretation, or reliance on this report/assessment is at the sole risk of that party, and Farallon will have no liability for such unauthorized use, interpretation, or reliance.

FIGURES

PHASE I
ENVIRONMENTAL SITE ASSESSMENT REPORT
Brisbane Quarry
1 Quarry Road
Brisbane, California

Farallon PN: 1363-006



REFERENCE: 7.5 MINUTE USGS QUADRANGLE SAN FRANCISCO SOUTH, CALIFORNIA. DATED 2015



CALIFORNIA

FIGURES WERE PRODUCED IN COLOR. GRAYSCALE COPIES MAY NOT REPRODUCE ALL ORIGINAL INFORMATION

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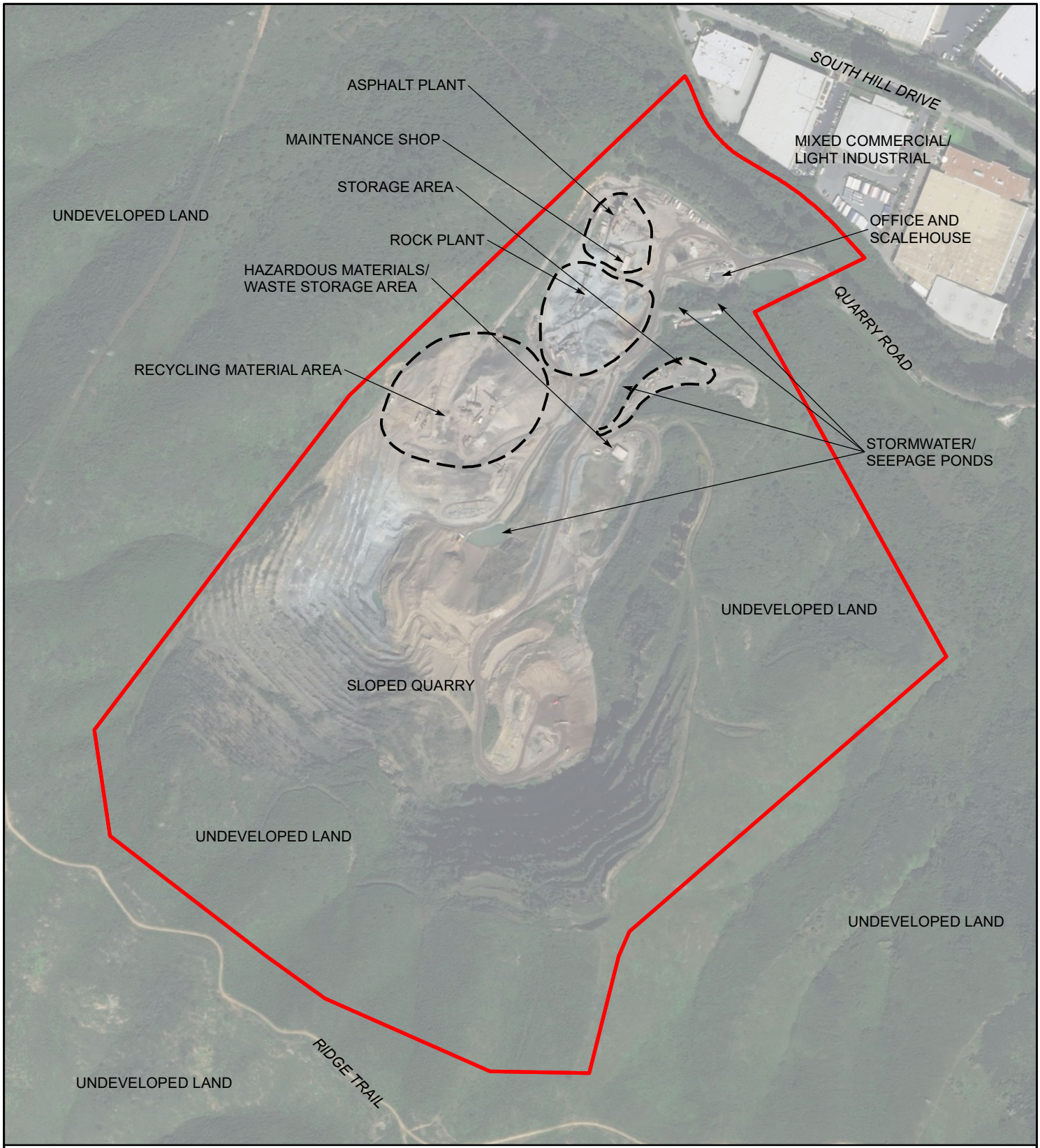
FIGURE 1

SITE VICINITY MAP
BRISBANE QUARRY
1 QUARRY ROAD
BRISBANE, CALIFORNIA

FARALLON PN: 1363-006

Drawn By: GPF | Checked By: SA | Date: 8/13/2018 | Disk Reference: 1363-006

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LEGEND

SITE BOUNDARY

NOTES:
1. ALL LOCATIONS ARE APPROXIMATE
2. FIGURES WERE PRODUCED IN COLOR. GRAYSCALE COPIES MAY NOT REPRODUCE ALL ORIGINAL NFORMATION.

N

0 500

SCALE IN FEET

FARALLON CONSULTING

Quality Service for Environmental Solutions | farallonconsulting.com

Washington
Issaquah | Bellingham | Seattle

Oregon
Portland | Bend | Baker City

California
Oakland | Folsom | Irvine

FIGURE 2

SITE PLAN
BRISBANE QUARRY
1 QUARRY ROAD
BRISBANE, CALIFORNIA

FARALLON PN: 1363-006

Drawn By: sgaynier | Checked By: GF | Date: 9/19/2018 | Disc Reference:

Path: Q:\Projects\1363 Orchard Partners\006 Brisbane Quarry\Mapfiles\FIGURE 2_SITE PLAN.mxd

APPENDIX A
PROFESSIONAL QUALIFICATIONS

PHASE I
ENVIRONMENTAL SITE ASSESSMENT REPORT
Brisbane Quarry
1 Quarry Road
Brisbane, California

Farallon PN: 1363-006

GAVIN POLITE FISCO BA Geology
Associate Geologist 10 years experience

Mr. Fisco has 10 years of professional environmental experience assisting clients with complex soil and groundwater assessment and remediation, environmental due diligence, regulatory compliance, and litigation support. Areas of expertise include groundwater monitoring, conceptual site modeling, remediation design, and regulatory closure. Mr. Fisco also has been involved in hazardous material cleanup, and bench-scale testing and microbiological studies for remediation. Additional project work has entailed Work Plan preparation, investigation oversight, and results reporting.

SCOTT ALLIN BS Physical Science (Hydrology)
Principal Environmental Scientist 30 years experience

Mr. Allin has more than 30 years of project and program management experience in the evaluation and reporting of the environmental liability associated with the sale or Brownfields redevelopment of impaired properties. He has supported the needs of developers and others in the acquisition of Cost Cap and Finite Risk environmental insurance to manage long-term environmental risks. He has provided clients with value-added due diligence services, both nationally and internationally, for single properties or large multi-million-dollar mixed-use portfolios. He has provided guidance for evaluating environmental risks during complex mergers and acquisitions. In addition, Mr. Allin has provided management services for implementation of remedial actions, asbestos abatement, environmental audit programs, and environmentally sensitive property improvements.

APPENDIX B
SITE PHOTOGRAPHS

PHASE I
ENVIRONMENTAL SITE ASSESSMENT REPORT
Brisbane Quarry
1 Quarry Road
Brisbane, California

Farallon PN: 1363-006

FARALLON CONSULTING

Washington
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Portland | Bend | Baker City

California
Oakland | Folsom | Irvine

SITE PHOTOGRAPHS

Phase I Environmental Site Assessment Report
Brisbane Quarry
1 Quarry Road
Brisbane, California
Farallon PN: 1363-006

Photograph 1: Quarry terracing facing southwest.

Photograph 2: Aggregate-crushing equipment in aggregate area.

Photograph 3: Asphalt batch plant equipment on northwestern portion of Site.

Photograph 4: Concrete stockpile and roadway in recycling material area.

Photograph 5: Southernmost pond in quarry area.

Photograph 6: Truck scale adjacent to office area.

Photograph 7: Approximately 20,000-gallon heavy-oil aboveground storage tank in asphalt batch plant area.

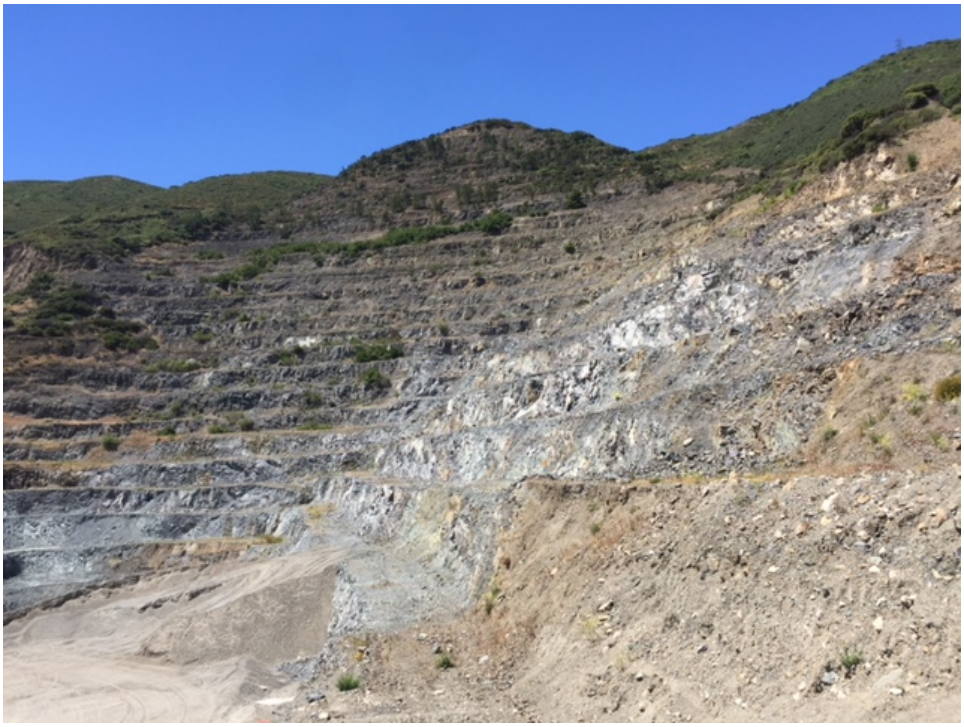
Photograph 8: Approximately 1,000-gallon tack oil aboveground storage tank.

Photograph 9: Hazardous material storage area on eastern portion of Site.

Photograph 10: Drum storage in hazardous material area.

Photograph 11: Area behind drums in hazardous material storage area.

Photograph 12: Oil staining on secondary-containment plastic in hazardous material storage area.



Photograph 1: Quarry terracing facing southwest.



Photograph 2: Aggregate-crushing equipment in aggregate area.



Photograph 3: Asphalt batch plant equipment on northwestern portion of Site.



Photograph 4: Concrete stockpile and roadway in recycling material area.



Photograph 5: Southernmost pond in quarry area.



Photograph 6: Truck scale adjacent to office area.



Photograph 7: Approximately 20,000-gallon heavy-oil aboveground storage tank in asphalt batch plant area.



Photograph 8: Approximately 1,000-gallon tack oil aboveground storage tank.



Photograph 9: Hazardous material storage area on eastern portion of Site.



Photograph 10: Drum storage in hazardous material area.



Photograph 11: Area behind drums in hazardous material storage area.



Photograph 12: Oil staining on secondary-containment plastic in hazardous material storage area.

APPENDIX C
USER QUESTIONNAIRE

PHASE I
ENVIRONMENTAL SITE ASSESSMENT REPORT
Brisbane Quarry
1 Quarry Road
Brisbane, California

Farallon PN: 1363-006

PHASE I ENVIRONMENTAL SITE ASSESSMENT
USER QUESTIONNAIRE

To qualify for one of the Landowner Liability Protections (LLPs) offered by the Small Business Liability Relief and Brownfields Revitalization Act of 2001, the Phase I Environmental Site Assessment (Phase I ESA) Report user must provide the following information (if available) to the environmental professional (Farallon Consulting, L.L.C.). Failure to provide this information could result in the determination that "all appropriate inquiry" has not been completed.

Date: August 6, 2018

■ PROJECT/SITE INFORMATION

Client Name: Orchard Partners			Client Telephone: 925-444-2202
Client Address: 3697 Mt. Diablo Boulevard, Suite 200, Lafayette, CA 94549			
Asset #:	Project/Site Name: Brisbane Quarry		
Project Street Address:			
City: Brisbane	County: San Mateo	State: CA	Zip:
Why is this Phase I ESA required?			
Property Transaction:			
☐ Sale	☒ Purchase	☐ Exchange	☐ Other
Comments:			

■ PROPERTY USE & SPECIFICATIONS

☐ Single-Family Residential	☐ Vacant or Undeveloped Land
☐ Multi-Family Residential #Units:	☐ Agricultural (*Specify type)*:
☐ Commercial Office	☒ Industrial (*Specify type)*: quarry
☐ Commercial Retail	☐ Other (*Specify type)*:

Provide a general Site description:see provided documents

Legal description/plat plan/boundary survey available? ☐ Yes ☐ No ☒ Already provided

Current Property Status: ☐ Vacant ☒ Occupied ☐ Improved ☐ Unimproved

Total Property Size: 144 acres Original Construction Date:

Total # of Buildings: Was Construction Phased? ☐ Yes ☐ No ☐ Unknown

Total Sq. Ft. of Buildings: Date(s) of Renovation(s)/Phases:

Does Site have an undeveloped area equal to 1 acre or more? ☒ Yes ☐ No

Are any bodies of water on or immediately adjacent to the Site? ☐ Yes ☒ No If Yes, describe:
Comments:

Potable water source at Site? ☐ On-Site well ☒ Utility (*Specify provider)* NA

Wastewater discharge at Site? ☐ Septic Tank/Drainfield ☒ Sanitary Sewer ☐ Other (Specify):

Building plans available at the Site? ☐ Yes ☒ No ☐ Unknown ☐ Already provided

■ OWNERS

Current Owner(s):

Previous Owner(s):

■ OCCUPANTS/TENANTS

Current Occupant(s)/Tenant(s) and operations:

Previous Occupant(s)/Tenant(s) and operations:

■ PREVIOUS PROPERTY USES

Describe previous use(s) of the Site: See provided documents

■ PREVIOUS INVESTIGATIONS

Has any previous environmental investigation been conducted at Site? ☒ Yes ☐ No ☐ Unknown

If Yes, note type and describe: ☒ Phase I ESA ☐ Asbestos ☐ Lead Paint ☐ Lead in Water

☐ Radon ☐ Wetlands ☐ Indoor Air ☐ UST/AST ☐ Other (*Specify type below)*

Comments:

■ ON-SITE ENVIRONMENTAL CONDITIONS

Are you aware of any of the following environmental conditions at the Site, either current or former?

Environmental Condition/Issue	**Response**	**Comment if Yes Response**
Aboveground Storage Tank	☒ Yes ☐ No	diesel
Underground Storage Tank	☐ Yes ☒ No	I am not aware of any USTs other than what is disclosed in documents provided.
Hazardous/Toxic Substance	☒ Yes ☐ No	maintenance chemicals
Stored Chemical	☒ Yes ☐ No	maintenance chemicals
Chemical Spill/Release	☐ Yes ☒ No	I am not aware of any chemical spill/ release other than what is disclosed in the documents provided.
Dump Area/Landfill	☐ Yes ☒ No	I am not aware of any dump area/ landfill other than what is disclosed in the documents provided.
Waste Treatment System	☐ Yes ☒ No	I am not aware of any waste treatment system other than what is disclosed in the documents provided.

Wastewater Discharge	☐ Yes ☒ No	I am not aware of any wastewater discharge other than what is disclosed in the documents provided.
Air Stack/Vent/Odor	☐ Yes ☒ No	I am not aware of Air Stack/Vent/Odor other than what is disclosed in the documents provided.
Indoor Air Quality Complaint	☐ Yes ☒ No	I am not aware of Indoor Air Quality complaint other than what is disclosed in the documents provided.
Floor Drain/Sump	☐ Yes ☒ No	see provided documents
Pit, Pond, Lagoon	☐ Yes ☒ No	I am not aware of pit, pond, lagoon other than what is disclosed in the documents provided.
Stained Soil/Vegetation Impact	☐ Yes ☒ No	I am not aware of stained soil/ vegetation impact other what is disclosed in the documents provided.

Other specialized knowledge of an environmental condition or issue at the Site?
None, other than that disclosed in documents provided.

■ ADDITIONAL ON-SITE ENVIRONMENTAL CONDITIONS

Are you aware of any of the following environmental conditions on the Site, either current or former?

Environmental Condition/Issue	Response	Comment if Yes Response
Pesticide/Herbicide Use	☐ Yes ☒ No	I am not aware of any Pesticide/Herbicide use other than what is disclosed in the documents provided.
Polychlorinated Biphenyls	☐ Yes ☒ No	I am not aware of any Polychlorinated Biphenyls other than what is disclosed in the documents provided.
Electrical Transformer	☐ Yes ☒ No	I am not aware of any Electrical Transformer other than what is disclosed in the documents provided.
Hydraulic Lift	☐ Yes ☒ No	I am not aware of any Hydraulic Lift other than what is disclosed in the documents provided.
Elevator	☐ Yes ☒ No	I am not aware of any elevator other than what is disclosed in the documents provided.
Drycleaner Business	☐ Yes ☒ No	I am not aware of any drycleaner business other than what is disclosed in the documents provided.
Asbestos	☐ Yes ☒ No	I am not aware of any asbestos other than what is disclosed in the documents provided.
Lead Paint	☐ Yes ☒ No	I am not aware of any lead paint other than what is disclosed in the documents provided.
Lead Piping/Lead in Water	☐ Yes ☒ No	I am not aware of any lead piping/lead in water other than what is disclosed in the documents provided.
Elevated Radon Level	☐ Yes ☒ No	I am not aware of elevated radon levels other than what is disclosed in the documents provided.
Fluorescent Light Fixture	☐ Yes ☒ No	I am not aware of any Flourescent Light Fixture other than what is disclosed in the documents provided.
Wetland, Flooding	☐ Yes ☒ No	I am not aware of any wetland, flooding other than what is disclosed in the documents provided.
Unique Wildlife Species	☐ Yes ☒ No	I am not aware of any unique wildlife species other what is disclosed in the documents provided.
Archeological Resource	☐ Yes ☒ No	I am not aware of any archeological resource other than what is disclosed in the documents provided.

Historic/National Landmark	☐ Yes ☒ No	I am not aware of any historic/national landmark other than what is disclosed in the documents provided.
Oil/Gas Well	☐ Yes ☒ No	I am not aware of any oil/gas well other than what is disclosed in the documents provided.
Water Well	☐ Yes ☒ No	I am not aware of any water well other than what is disclosed in the documents provided.
Environmental Cleanup	☐ Yes ☒ No	I am not aware of any environmental cleanup other then what is disclosed in the documents provided.
Environmental Permit	☐ Yes ☒ No	I am not aware of any environmental permit other then what is disclosed in the documents provided.

■ OFF-SITE ENVIRONMENTAL CONDITIONS

On adjoining property, are there any: Gasoline Stations? ☐ Yes ☒ No Drycleaners? ☐ Yes ☒ No

Are you aware of any other environmental conditions or concerns on adjacent or nearby properties? ☐ Yes ☒ No

Comments

I am not aware of any other environmental conditions or concerns on adjacent or nearby properties other than what is disclosed in the documents provided.

(1) Environmental cleanup liens that have been filed or recorded against the Site (Part 312.25 of Title 40 of the Code of Federal Regulations [40 CFR 312.25])

Are you aware of any environmental cleanup liens against the Site that have been filed or recorded under federal, tribal, state, or local law?

I am not aware of any environmental cleanup liens agains the Site other than what is disclosed in the documents provided.

(2) Activity and land use limitations that are in place at the Site or that have been filed or recorded in a registry (40 CFR 312.26)

Are you aware of any activity and land use limitation (such as engineering controls, land use restrictions, or institutional controls) that are in place at the Site and/or have been filed or recorded in a registry under federal, tribal, state, or local law?

I am not aware of any activity and land use limitation other than what is disclosed in the documents provided.

(3) Specialized knowledge or experience of the person seeking to qualify for the LLP (40 CFR 312.28)

As the user of the Phase I ESA Report, do you have any specialized knowledge or experience related to the Site or nearby properties? For example, are you involved in the same line of business as the current or former occupant(s) of the Site or an adjoining property so that you would have specialized knowledge of the chemicals and processes used by this type of business?

No, I have no specialized knowledge other than what is disclosed in the documents provided.

(4) Relationship of the purchase price to the fair market value of the Site if it were not contaminated (40 CFR 312.29)

Does the purchase price being paid for this Site reasonably reflect the fair market value of the Site? If you conclude that there is a difference between the purchase price and the fair market value, have you considered whether the lower purchase price is because contamination is known or believed to be present at the Site?

I have no knowledge of the purchase price being discounted for environmental conditions

(5) Commonly known or reasonably ascertainable information about the property (40 CFR 312.30)

Are you aware of commonly known or reasonably ascertainable information about the Site that would help Farallon Consulting, L.L.C. to identify conditions indicative of a chemical or other release or threatened release? For example, as user of the Phase I ESA Report:

Do you know the past use(s) of the Site? (If yes, please specify.) No, other than what is disclosed in the documents provided.

Do you know of a specific chemical(s) present at the Site, or present at one time? (If yes, please specify.) No, other than what is disclosed in the documents provided.

Do you know of a chemical and/or other spill(s) or release(s) that have taken place at the Site? (If yes, please specify.) No, other than what is disclosed in the documents provided.

Do you know of any environmental cleanup(s) that have taken place at the Site? (If yes, please specify.) No, other than what is disclosed in the documents provided.

(6) The degree of obviousness of the presence or likely presence of contamination at the Site, and the ability to detect the contamination by appropriate investigation (40 CFR 312.31)

As the user of the Phase I ESA Report, based on your knowledge and experience related to the Site, is there any obvious indicator(s) that point to the presence or likely presence of contamination at the Site? (If yes, please specify.)

No, other than what is disclosed in the documents provided.

Identify all parties who will rely on the Phase I ESA Report, including:

Name of Business: Orchard Partners and its capital partner, AIG Global Real Estate

Name of Contact: Mr. Tyler Higgins

Address: 3697 Mt. Diablo Boulevard, Suite 200, Lafayette, CA 94549

Telephone Number: 925-444-2202

E-mail Address: thiggins@orchardpartners.com

Has any party that will rely on the Phase I ESA Report required services beyond the standard ASTM E1527-05? (For example, an asbestos, lead-based paint, lead in drinking water, or wetlands investigation) (If yes, please specify.) Visual or desk top survey for lead-based paint, lead in drinking water, wetlands, radon gas, and water intrusion. Provide recommendations for further assessment as warranted
Who is the Site contact, and how can the contact be reached? Name of Business: See previously provided contact information Name of Contact: Address: Telephone Number: E-mail Address: See previously provided contact information
Are there any special terms and conditions that must be agreed upon by Farallon Consulting, L.L.C.? (If yes, please specify.) No

APPENDIX D
UST CLOSURE LETTERS

PHASE I
ENVIRONMENTAL SITE ASSESSMENT REPORT
Brisbane Quarry
1 Quarry Road
Brisbane, California

Farallon PN: 1363-006

HEALTH DEPARTMENT

April 18, 2007

SMCo Site# 550002
APN 014-102-070

Bill Prince
Planning Director
City of Brisbane
50 Park Lane
Brisbane, CA 94005

SUBJECT: RESIDUAL HYDROCARBONS AT 1 OLD QUARRY ROAD, BRISBANE, CALIFORNIA

Dear Mr. Prince:

Previously, a case closure letter was prepared by the San Mateo County Groundwater Protection Program (GPP) with the tacit approval of the California Regional Water Quality Control Board (CRWQCB) regarding a 10,000-gallon gasoline and a 10,000-gallon diesel tanks. Although site closure was granted, a small amount of gasoline-affected soil and groundwater existed near the former USTs at the time of closure (see attached Figure). However, the known concentration of residual contaminants did not warrant a letter to the local building department request a review of any potential development on the property.

Recently, two 8,000-gallon and two 12,000-gallon asphalt tanks were removed from the site. An estimated small amount of diesel- and motor-oil range hydrocarbon-affected soil and potentially groundwater exist near these former USTs (see attached Figure). Although these hydrocarbons do not appear to pose a risk to public health and the environment under existing land use conditions, changes in land use or removal of soil and groundwater from the affected area may create a risk. Therefore, any proposed change in land use or proposed soil or groundwater removal activity at or in close proximity to the subject site must be submitted to the GPP for our review so we can evaluate whether the residual contaminates will likely pose a risk to public health and the environment if the proposed activities are implemented. The costs to evaluate the public health or environmental consequences of the proposed land use or construction activity will be billed directly to the current property owner at the time of submittal for review.

Please call me at (650) 363-4565 if you have any questions. Thank you for your cooperation.

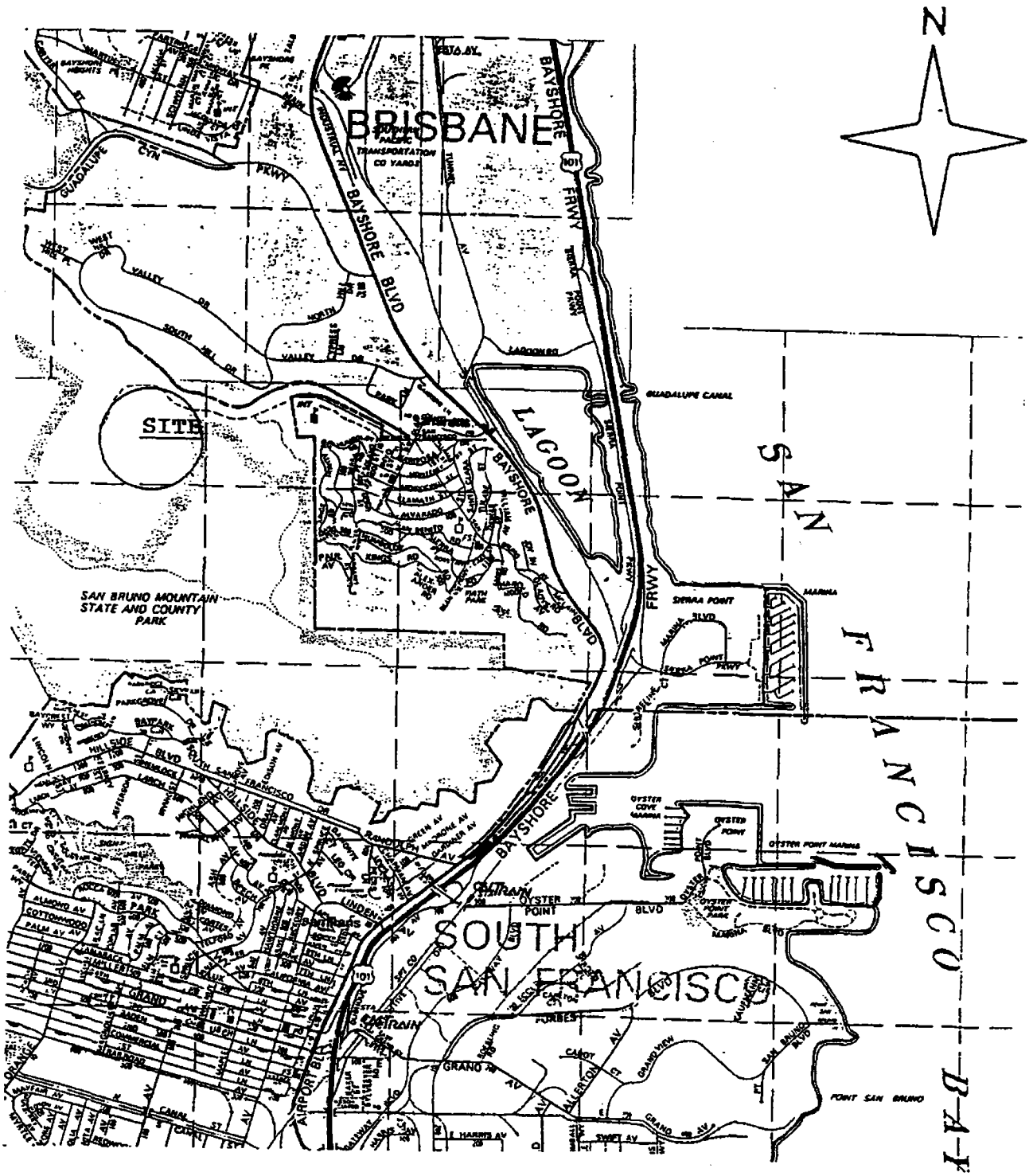
Sincerely,

Charles Ice

Charles Ice
Hazardous Materials Specialist
Groundwater Protection Program

attachments

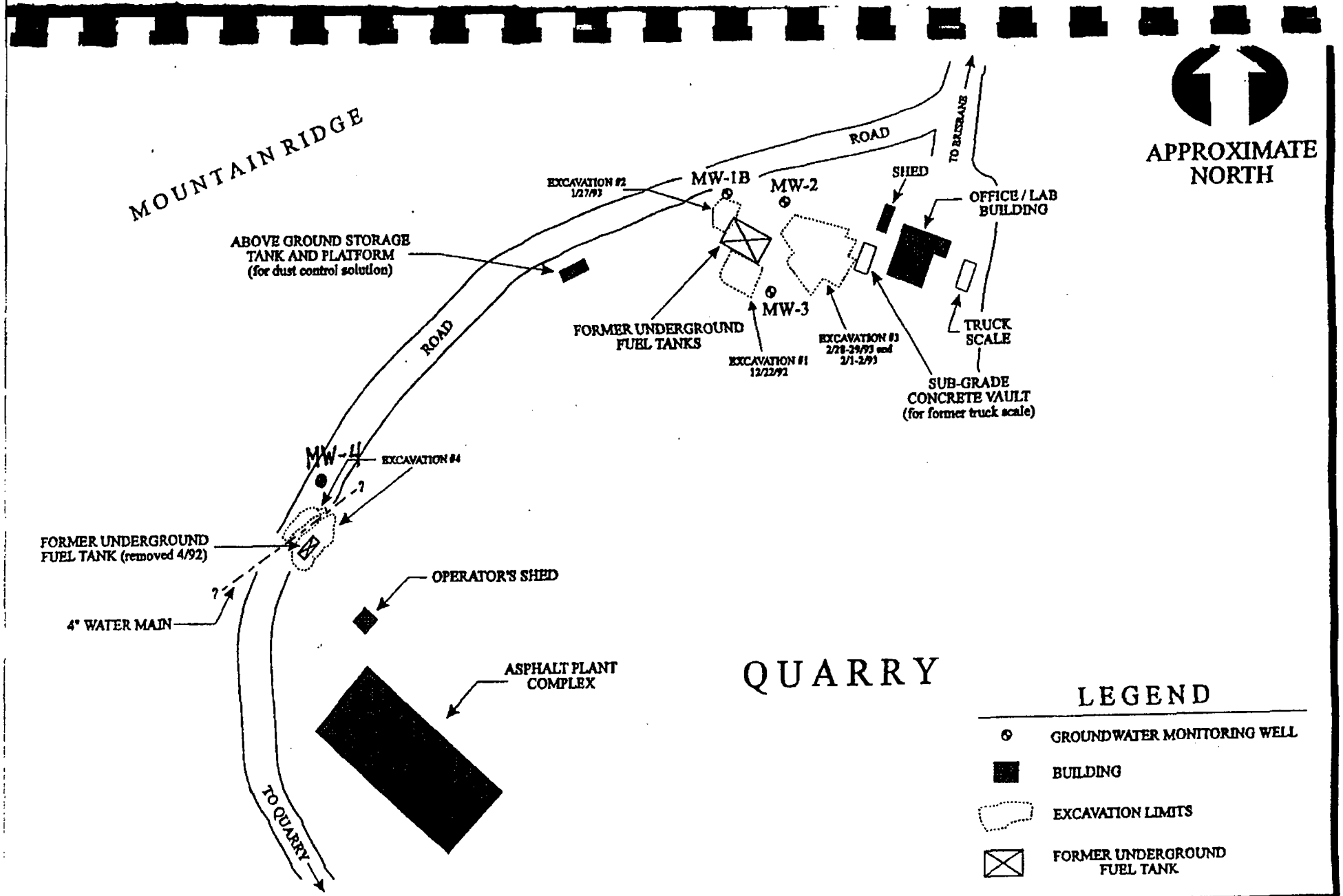
cc: Larry Kissinger, California Rock and Asphalt, 1 Old Quarry Road, Brisbane, CA 94005
Mignone Wood, LSA Associates, 1190 El Camino Real, Colma CA 94014



SITE LOCATION MAP

AMERICAN ROCK & ASPHALT
1 Old Quarry Road
Brisbane, California

TMC ENVIRONMENTAL, Inc.



SCALE IN FEET

0 50 100 150

SITE MAP

AMERICAN ROCK AND ASPHALT
ONE OLD QUARRY ROAD

PLATE 2

SAN MATEO COUNTY GROUNDWATER PROTECTION PROGRAM
CASE CLOSURE
M E M O R A N D U M

TO: File

FROM: Groundwater Protection Program staff

25

DATE: **May 13, 1999**

SUBJECT: **Site no. 560002**
American Rock and Asphalt
1 Old Quarry Road
Brisbane, California 94005

I. BACKGROUND HISTORY OF THE CASE

The subject site has been operating as a quarry site for over a 100 years. On July 17, 1986, two 10,000-gallons underground storage tanks (USTs), one gasoline and one diesel, and associated dispenser island and piping, were excavated and removed from the subject site. Both USTs were single walled steel tanks. The installation dates of the USTs are not known. The locations of the removed USTs are shown in Figure 2 and 5. The UST removal and subsequent sampling was conducted by Blaine Tech Services, under the oversight of Paradiso Construction. According to the overseeing County Inspector's notes, the diesel UST was noted to be intact but had a small pool of fuel underneath the tank in the fill end. The gasoline UST had two small holes on the fill end side, one on the top and one in the bottom of the tank, and a small pool of contaminated water and soil contamination was observed. The removed USTs were reportedly transported and disposed by H & H Environmental Services. ***Manifests documenting transport and disposal of the removed USTs have not been provided.*** Four soil samples were collected at a depth of 16 feet bgs from both ends of each tank, and one soil sample was taken from the stockpile. Reports do not document encountering groundwater. The soil samples were analyzed by Sequoia Analytical laboratory (Sequoia). The analytical results indicated the following maximum contaminant levels:

Sample	TPH-gasoline	TPH-diesel	Benzene	Toluene	Ethyl Benzene	Xylenes
Soil-G	**240 ppm**	N/A	**5.7 ppm**	**28 ppm**	N/A	**33 ppm**
Soil-D	N/A	**98 ppm**	N/A	N/A	N/A	N/A

Soil-G: Soil sample from beneath the gasoline UST
Soil-D: Soil sample from beneath the diesel UST
N/A: Not Analyzed

The sides opposite to the fill ends of both tanks indicated the highest contamination levels. The excavation was reportedly overexcavated below and adjacent to the former UST locations, however, available reports do not clearly document details of the overexcavation, if any was actually done. The excavation was subsequently backfilled with fill material from the subject site. On August 16, 1990, TMC Environmental, Inc. (TMC) conducted a preliminary subsurface investigation that involved the drilling of 5 borings B-1 through B-5 in the area of the former USTs location. The drilling was performed by Exceltech. Boring B-1 was drilled through the backfill of the UST excavation and borings B-2 through B-5 were drilled near the outer limits of the excavation. The locations of the five borings are shown in Figure 3. Each boring was terminated upon encountering free ground water. Free groundwater was encountered at 11 feet bgs in B-4 and at approximately 23 feet bgs in the other borings. Olive grey staining and slight petroleum-like odors were encountered in B-4 at 11 feet bgs, near the soil-water interface. There was no obvious evidence of odors or staining in the other borings. Soil samples were collected from all the borings, however, groundwater samples were not collected because no obvious evidence of groundwater contamination was visible. The soil samples were analyzed by Anametrix, Inc. The analytical results are attached in Table 1. The analytical results indicated non-detect levels of contaminants in all soil samples except in samples from B-5 where diesel was 27 ppm and 11ppm at approximately 16 and 23 feet bgs, respectively.

In January 2, 1991, TMC conducted a preliminary groundwater investigation on the subject site. Three well borings were drilled by K. L. Drilling in the vicinity of the former UST excavation and previous soil boring locations. Following the collection of two soil samples from each of the three borings, the three soil borings were constructed into three monitoring wells MW-1 through MW-3. The locations of MW-1 through 3 are shown in Figure 4 and 5. The samples were analyzed by Trace Analysis Laboratory, Inc. (TAL). The analytical results of the soil samples are as follows:

Sample	Sample depth	TPH-gasoline	TPH-diesel	Benzene	Toluene	Ethyl Benzene	Xylenes
Soil-MW-1	**5-5.5'**	<0.5 ppm	**31 ppm**	<0.005 ppm	<0.005 ppm	<0.005 ppm	<0.02 ppm
Soil-MW-1	**10-10.5'**	<0.5 ppm	**550 ppm**	<0.005 ppm	<0.005 ppm	<0.005 ppm	<0.02 ppm
Soil-MW-2	10-10.5'	<0.5 ppm	<1.0 ppm	<0.005 ppm	<0.005 ppm	<0.005 ppm	<0.02 ppm
Soil-MW-2	**18-18.5'**	**63 ppm**	**79 ppm**	**0.53 ppm**	**0.51 ppm**	**0.82 ppm**	**0.94 ppm**
Soil-MW-3	10-10.5'	<0.5 ppm	<1.0 ppm	<0.005 ppm	<0.005 ppm	<0.005 ppm	<0.02 ppm
Soil-MW-3	15-15.5'	<0.5 ppm	<1.0 ppm	<0.005 ppm	<0.005 ppm	<0.005 ppm	<0.02 ppm

The monitoring wells (MW-1 through MW-3) were placed based on the assumed northeast gradient, i.e., towards the Bay. Well MW-1 was placed in the vicinity where previous soil samples indicated hydrocarbon contamination. Wells MW-2 and MW-3 were placed 20 feet and

30 feet away from the former excavation site in locations presumed to be down-gradient and up-gradient from the former excavation site, respectively. However, the site-specific hydraulic gradient was later calculated to be in the northwest direction with occasional variation from the southwest to northeast direction. However, the groundwater elevation was determined using a site specific reference point that was arbitrarily assigned an elevation of 100 feet, instead of the using the standard Mean Sea Level (MSL) datum. Wells MW-1 through 3 were drilled to 29.5 feet, 31 feet and 26 feet, respectively. Consolidated hard bedrock material was encountered in the MW-3 boring at approximately 25 feet bgs. Soils with slight petroleum-like odors were encountered in well borings MW-1 and MW-2 at 10 to 15 feet bgs, and a petroleum-like sheen was observed on the augers and sampling equipment used in MW-2. There was no obvious evidence of soil with petroleum-like odors or staining in well boring MW-3. Free groundwater was encountered at approximately 17 feet bgs. Free product was not observed in any of the wells. The monitoring wells were subsequently developed and sampled. The analytical results of the groundwater samples are attached in Table 2. The groundwater samples were analyzed by TAL.

On August 20 and 21, 1991, as part of a further subsurface investigation, under the oversight of TMC, K. L. Drilling drilled 12 soil borings (B-6 through B-17) in the vicinity of the groundwater monitoring wells and the former UST excavation location. The approximate locations of the 12 borings are shown in Figure 4 and Figure 6. Free groundwater was encountered between 12 to 16 feet bgs. Soil samples were collected from each of the 12 borings and analyzed by Curtis and Tompkins, Ltd.(C&T). The analytical results of the respective soil samples are attached in Table 3. *Please note that the BTEX results are in ppb.* The soil samples from B-10 and B-13 have the highest contaminant levels. The analytical results indicated the presence of pockets of contaminated soils near the former UST excavation and monitoring wells.

In April 16, 1992, under the oversight of TMC, Bay Area Tank Removal removed an 8,000-gallon diesel UST, associated piping and dispenser island. The location of the removed UST is shown in Figure 5. The removed UST was observed to be in good condition with no observable corrosion or holes. The UST was subsequently transported and disposed by H & H Ship Service, under manifest. During the UST removal, soil surrounding the UST was excavated and during the excavation process stained soils were encountered particularly along the eastern and northern portions of the tank excavation. Groundwater and free product was not encountered. Two soil samples were collected from the excavation pit at ~12 feet bgs, two feet below the excavation pit floor. The soil samples were analyzed by C&T. The analytical results were as follows:

Sample	TPH-gasoline	TPH-diesel	Benzene	Toluene	Ethyl Benzene	Xylenes
Soil-S	<1.0 ppm	**29 ppm**	<0.005 ppm	<0.005 ppm	<0.005 ppm	<0.005 ppm
Soil-N	**31 ppm**	**9200 ppm**	<0.001 ppm	**0.009 ppm**	**0.007 ppm**	**0.140 ppm**

Soil-S: Soil sample collected from the southern end of the excavation pit
Soil-N: Soil sample collected from the northern end of the excavation pit

Approximately 50 cubic yards of stockpile soil was generated during the UST removal. Two composite soil samples were also collected from the stockpile, but the analytical results have not been reported. The UST excavation was subsequently backfilled with clean fill. ***The status of the excavated stockpiled soil has not been documented.***

On April 15, 1992, under authorization from the County, TMC destroyed monitoring well MW-1. This well was destroyed to allow excavation of petroleum contaminated subsurface soils in the vicinity of the well. In December, 1992, January 1993, and February 1993, three delineated areas in the vicinity of the former excavations of the two removed 10,000-gallon USTs that were previously identified to be hydrocarbon impacted, were excavated. The three excavations are reported as excavation #1, #2, and #3. Please refer to Figure 5 and 6 for the excavation locations. Soil samples were collected from the excavation sidewalls and bases during the remedial excavation activities to confirm adequate source removal. Generally, one soil sample was collected from approximately each 150 square-foot segment of exposed excavation sidewall, and/or soils that exhibited characteristics of petroleum contamination (i.e. staining or odor). Soil samples from the sidewalls of the excavations are designated as SW and the samples from the bottom of the excavations are designated as EXC. Sample depths varied from 4 to 16 feet bgs. Groundwater samples were not collected from any of the three excavation pits.

Approximately, a total of 1,100 to 1,200 cubic yards of contaminated soil was excavated and stockpiled on site for bio-remediation. Excavation #1 was excavated to a maximum depth of approximately 16 feet bgs in the area where a previous soil sample from boring B-13 indicated 2,700 ppm of TPH-diesel at 15.5 feet bgs (Figure 5 & 6; Table 3). Groundwater was encountered at approximately 15-16 feet bgs. About 350 to 400 cubic yards of soil was removed from excavation #1. The soil sampling locations and the analytical results of the soil samples collected from excavation #1 are graphically presented in Figure 7 and is summarized in Table 5, respectively. The analytical results indicate that the contaminated soil in the respective area has been removed and the remaining soil has non-detect to extremely low contaminant levels (TPH-diesel 6.1 ppm).

Excavation #2 was excavated to a maximum depth of approximately 15 feet bgs in the area where previous soil samples from MW-1 indicated 550 ppm of TPH-diesel at 10 to 10.5 feet bgs (Figure 5 & 6). Groundwater was initially encountered at 14.5 to 15 feet bgs and was later measured to be at 13 feet bgs. Approximately 110 to 120 cubic yards of soil was removed from excavation #2. The soil sampling locations and the analytical results of the soil samples collected from excavation #2 are graphically presented in Figure 8 and summarized in Table 6, respectively. The analytical results indicate that all the contaminated soil in the respective area has been removed.

Excavation #3 was excavated to varying depths of 10 to 15 feet bgs in the area where previous soil samples from boring B-10 indicated 19,000 ppm and 7,000 ppm of TPH-diesel at 8.5 and 14.5 feet bgs, respectively (Figure 5 & 6; Table 3). Groundwater was encountered at 18 feet bgs and later stabilized at 10 to 11 feet bgs. Approximately 650 to 700 cubic yards of soil was excavated from excavation #3. The soil sampling locations and the analytical results of the soil samples collected from excavation #3 are graphically presented in Figure 9, 10 and 11, and

summarized in Tables 7 and 8, respectively. The analytical results indicate that the remaining contaminated soil is well below action levels to non-detect levels (Maximum TPH-gasoline remaining in soil is 63 ppm). The excavations were subsequently backfilled with clean fill.

Between June 17 and 25, 1993, under the oversight of TMC, Vilotti Engineering conducted over-excavation of contaminated soil surrounding the former 8,000-gallon diesel UST. The excavation is designated as excavation #4. Figure 5 shows the location of the excavation. Soil with staining and petroleum-like odors was encountered through out the excavation and soil lithology was observed to vary considerably. Free groundwater was encountered at 16 feet bgs. Subsequent excavation was limited to 15 feet bgs. The soil between 15 and 16 feet bgs was reportedly not stained. Soil samples were collected as the excavation progressed and the samples were analyzed onsite by a mobile laboratory owned by GeoChem Environmental laboratories (Geochem). The soil sample locations and analytical results are graphically presented in Figure 12 and summarized in Table 9, respectively. Groundwater samples were not collected. The analytical results of the soil sample analysis indicate that the contaminated soil has been removed and the remaining soil has very low to non-detect contamination levels (63.22 ppm of TPH-d). Due to the presence of a 4-inch underground water line in the vicinity of the excavation, some of the soil containing concentrations of diesel was not excavated. Approximately 1,500 cubic yards of soil was excavated from excavation #4 and the excavation was backfilled with clean fill.

A total of approximately 2,700 cubic yards of contaminated soil was excavated and placed onsite for bioremediation. The current status of the excavated soil has not been documented, and it is not known if soil samples from the excavated soil were analyzed to determine the effectiveness of bioremediation.

On June 18, 1993, under the oversight of TMC, Soil Exploration Services installed a monitoring well MW-1B in close proximity to the former location of MW-1, north to northwest of the 10,000-gallon USTs former location, extending to a maximum depth of approximately 25 feet bgs. Well MW-1B falls in the general downgradient direction from the former location of the removed USTs. The location of MW-1B is shown in Figure 5. The new well MW-1B was installed to replace the previously removed monitoring well MW-1. Four soil samples were collected during the well construction and were analyzed by GeoChem. The respective analytical results were as follows:

Sample	Sample depth	TPH-gasoline (ppm)	TPH-diesel (ppm)	Benzene (ppm)	Toluene (ppm)	Ethyl Benzene (ppm)	Xylenes (ppm)
Soil	5-5.5'	<0.05	<0.05	<0.0005	<0.0005	<0.0005	<0.0005
Soil	9-9.5'	<0.05	<0.05	<0.0005	<0.0005	<0.0005	<0.0005
Soil	11-11.5'	<0.05	<0.05	<0.0005	<0.0005	<0.0005	<0.0005
Soil	13-13.5'	<0.05	<0.05	<0.0005	<0.0005	<0.0005	<0.0005

On April 25, 1994, Alton Geoscience installed groundwater monitoring well MW-4 to assess the possible impacts of the remaining diesel fuel impacted soil in the vicinity of the removed 8,000-gallon diesel UST. Well MW-4 is located north of the former location of the removed UST. The location of MW-4 is shown in Figure 5. The well was drilled to 50 feet bgs and groundwater was encountered at 32 feet bgs. Soil samples were collected and analyzed by Sequoia Analytical. The analytical results were as follows:

Sample	Sample depth	TPH-gasoline	TPH-diesel	Benzene	Toluene	Ethyl Benzene	Xylenes
Soil	**11.5'**	**20 ppm**	**280 ppm**	<0.005 ppm	<0.005 ppm	<0.005 ppm	<0.005 ppm
Soil	**21.5'**	<1.0 ppm	**1.5 ppm**	<0.005 ppm	<0.005 ppm	<0.005 ppm	<0.005 ppm
Soil	26'	<1.0 ppm	<1.0 ppm	<0.005 ppm	<0.005 ppm	<0.005 ppm	<0.005 ppm

A groundwater monitoring program was conducted between January 14, 1991 and January 22, 1996, involving monitoring wells MW-1, MW-1B, MW-2, MW-3, and MW-4, at various stages. The monitoring program was conducted by TMC except the last sampling session was conducted by Alton Geoscience. The monitoring program involved a maximum of 15 groundwater sampling episodes in wells MW-1 through MW-3. Well MW-4 was sampled only 3 times between January 18, 1995 and January 22, 1996, nevertheless, these sampling sessions covered the seasonal high and low groundwater levels. The groundwater samples from 12 sampling sessions were analyzed by C&T, sample from two sampling episodes were analyzed by Advanced Materials Engineering Research, Inc., and the final sample batch was analyzed by Sequoia Analytical. The historical groundwater monitoring results are summarized in Table 10. The hydraulic gradient was calculated to be in the northeast direction. Therefore, for this sampling session monitoring wells MW-2 and MW-4 would be the downgradient wells for the former locations of the removed 10,000-gallon USTs and the 8,000-gallon UST. *The analytical results of the most recent groundwater sampling episode conducted in January 22, 1996, is as follows:*

Sample	TPH-gasoline	TPH-diesel	Benzene	Toluene	Ethyl Benzene	Xylenes	MtBE
MW-1B	<50 ppb	**210 ppb**	<0.50 ppb	<0.50 ppb	<0.50 ppb	<0.50 ppb	<0.60 ppb
MW-2	**160 ppb**	**260 ppb**	**0.86 ppb**	<0.50 ppb	**1.1 ppb**	**1.2 ppb**	**6.5 ppb**
MW-3	<50 ppb	**110 ppb**	<0.50 ppb	<0.50 ppb	<0.50 ppb	<0.50 ppb	<0.60 ppb
MW-4	<50 ppb	**230 ppb**	<0.50 ppb	**0.59 ppb**	<0.50 ppb	**0.72 ppb**	<0.60 ppb

The lithology of the subject site is comprised of an upper most stratum of sandy clays and clayey sands extending to 10 to 15 feet bgs, underlain by more sandy and friable strata interspersed with

gravel and some clay. The hydraulic gradient was calculated several times to be in the northwest direction with occasional seasonal variation from the southwest to northeast direction. Except the first groundwater elevation measurement, all groundwater elevations were measured using wellhead reference point elevations based on the standard MSL datum.

Please refer to figures 1 and 5 for details of the location of the subject site, site layout, the locations of the excavated USTs, monitoring wells and soil excavations.

II. INVESTIGATIVE METHODS

The investigative methods used to assess the contamination at the subject site included soil and groundwater sampling and analysis, and involved drilling of 17 soil borings, and installation of 4 monitoring wells.

(a) Grab soil samples were collected by hand driven brass sampling tubes following established County guidelines. A California modified Split Spoon sampling assembly was used to collect soil samples from bore holes.

(b) Groundwater monitoring, well design, installation and development were consistent with County guidelines. However, the screened interval in wells MW-1 through 3, begins approximately 1 foot instead of 5 feet above the groundwater level.

(c) Groundwater sampling was conducted in compliance with established County sampling protocols.

(d) Certified laboratory, chain of custody procedures, holding times, sampling preparation methods, sample preservation and detection methods were followed pursuant to established County protocols.

(e) Free product was not encountered.

(f) The hydraulic gradient was calculated to be in the northwest direction with occasional seasonal variation from the southwest to northeast direction.

III. EXTENT OF SOIL AND GROUNDWATER POLLUTION

The lateral and vertical extent of soil contamination has been defined. Soil samples collected after overexcavation of delineated areas of hydrocarbon impacted soil indicate that the soil on the subject site has very low to non-detect remaining contamination levels. Based on the analytical results, the remaining soil contamination does not exceed 100 ppm for TPH and the BTEX levels

are well below MCL limits. The details of the analytical results are included in Tables 5 through 9. The soil samples were not analyzed for MtBE.

The most recent analytical results from the groundwater monitoring program involving wells MW-1B through MW-4 indicated relatively low contamination levels in the groundwater collected from the downgradient and cross-gradient wells. The details of the respective analytical results are in the last table in Section I of this report. The historical groundwater analytical results indicate a relatively significant decreasing trend in the contamination levels in the groundwater. Please refer to table 10 for details of the respective analytical results. The relatively low groundwater contamination levels are likely confined in the vicinity of the former UST excavations.

IV. LOCAL AND REGIONAL HYDROGEOLOGY

The subject site is located near the base of the San Bruno Hills, and is approximately 200 feet above mean sea level. The site topography undulates with various slopes, generally sloping downwards in the northeast direction towards San Francisco Bay. An unnamed lagoon that connects to San Francisco Bay is located 7,000 feet east of the subject site. Topographic maps of the subject site area show that an unnamed water body that could possibly be a lake, is located approximately 400 feet southeast of the subject site. Another unnamed water body that is comparatively smaller in size is located approximately 900 feet northeast of the site. An unnamed creek/stream is located approximately 3000 feet northwest of the subject site. Based on reviews of contour maps of the site area, the general hydraulic gradient is likely to be in the northeast direction, towards the Bay. However, the site specific gradient was verified several times to be in the northwest direction with occasional seasonal variation from the southwest to northeast direction. It is thought that infiltration of ponded surface water from a pond located in the north to northeastern sector of the subject site could be influencing the local gradient, on a seasonal basis. The groundwater elevation measured onsite has ranged from approximately 183 to 196 feet above MSL, i.e., 7 to 17 feet bgs.

The site is located within the South Bay Basin Hydrologic Planning Area of the San Francisco Bay Basin (Region 2), however, it is apparently not located within any significant groundwater basin boundary. The site lies between the San Mateo Plain and Visitation Valley Groundwater Basins (DWR Bulletin 118-80, 1980).

The lithology of the subject site is comprised of an upper most stratum of clayey sands in some areas and sandy clays in some areas, extending from approximately 5 to 10 feet bgs. The strata between 10 to 15 feet bgs generally comprised of clayey fine sands, and in certain areas it comprised of gravelly sands with a little clay. Based on the boring logs, the lithology of the former location of the two 10,000-gallon USTs comprises of a stratum of clay, coarse sands with many sub-angular gravel extending from 5 to 20 feet bgs, followed by a strata of fine sand and clay between 20 to the maximum explored depth of 24 feet bgs. The lithology in the vicinity of the former location of the 8,000-gallon diesel UST generally comprises of sandy strata from

approximately 0 to 5 feet bgs, followed by gravelly sand from 5 to 10 feet bgs, and cobbles and gravel from 10 to 13.5 feet bgs. A sandy and silty clay stratum extends between 13.5 to 23 feet bgs followed by gravelly silt to 30 feet bgs and sandy silt to 38 feet bgs. The underlying strata up to the maximum explored depth of 50 feet bgs consist of sandy clay and silty sand.

V. BENEFICIAL USES

The Basin Plan for San Francisco Bay currently defines the aquifers in San Mateo County to be suitable for municipal supply, industrial supply and agricultural uses. Based on the recharge rate and conductivity, the site's groundwater qualifies for municipal usage. It is likely that the groundwater flowing below the subject site ultimately flows along the regional gradient northeast to east of the subject site into the lagoon and finally into San Francisco Bay. Therefore, any potential surface water impacts would be on unnamed lagoon and San Francisco Bay.

A well survey was conducted within a 0.25 mile radius of the subject site. No domestic or municipal water supply wells were found within this radius of the site. The factors affecting long-term fate of contaminants have not been addressed.

VI. REMEDIATION ACTIVITIES

The source of the contamination, the USTs were removed and disposed offsite. Soil and groundwater sampling and analysis were conducted to assess impacts on soil and groundwater on the subject site. Approximately 2750 cubic yards of contaminated soil was over-excavated from the hydrocarbon impacted areas onsite. To facilitate soil and groundwater sampling and analysis, 17 soil borings and 4 monitoring wells were installed. A groundwater monitoring program was conducted between January 14, 1991 and January 22, 1996, involving four monitoring wells.

II. REMEDIATION EFFECTIVENESS

On the basis of the analytical results, the hydrocarbon impacted soils were effectively removed by overexcavation. The remaining soil contamination levels are well below MCL limits to non-detect levels. The details of the analytical results of the respective soil samples are included in Tables 5 through 9.

The analytical results from the groundwater monitoring program indicate that the groundwater contamination has decreased relatively significantly between 1991 and 1996. The most recent groundwater sample analysis collected from downgradient and cross-gradient wells indicated relatively low contamination levels well below the MCL limits to non-detect levels. Please refer to the Table 10 for details of the respective analytical results.

VIII. CONCLUSION

Based upon the Region 2 Interim Guidance, this site meets the criteria of Low Risk Groundwater case as follows:

1. **The source has been removed.**
   The source of the contamination, the USTs, have been removed. Approximately 2,750 cubic yards of contaminated soil that would have been a potential source of ongoing contamination, was overexcavated.

2. **The site has been adequately characterized.**
   The lateral and vertical extent of soil and groundwater contamination has been defined adequately. The analytical results indicate that the remaining soil and groundwater contamination levels are well below MCL limits to non-detect levels.

3. ***The dissolved hydrocarbon plume is not migrating.***
   The analytical results from the groundwater monitoring program show a consistent decreasing trend in the groundwater contamination levels, indicating that the hydrocarbon plume has stabilized and is not migrating.

4. **No water wells or other sensitive receptors are likely to be impacted.**
   A well survey indicated that no domestic or municipal water supply wells are located within 0.25 miles radius of the site. The subject site is also located in an undeveloped area. Considering the relatively low to non-detect concentrations of contaminants in the soil and groundwater, and the non-migratory nature of the plume, any wells or other sensitive receptors are unlikely to be impacted.

5. **The site presents no significant risk to human health.**
   Analytical results indicate that the remaining soil and groundwater contamination levels are well below MCL limits to non-detect levels, and therefore, the site is unlikely to present significant risk to human health.

6. **The site presents no significant risk to the environment.**
   Analytical results indicate that the remaining soil and groundwater contamination levels are well below MCL limits to non-detect levels, and that the existing plume is not migrating. Therefore the site is unlikely to present significant risk to the environment.

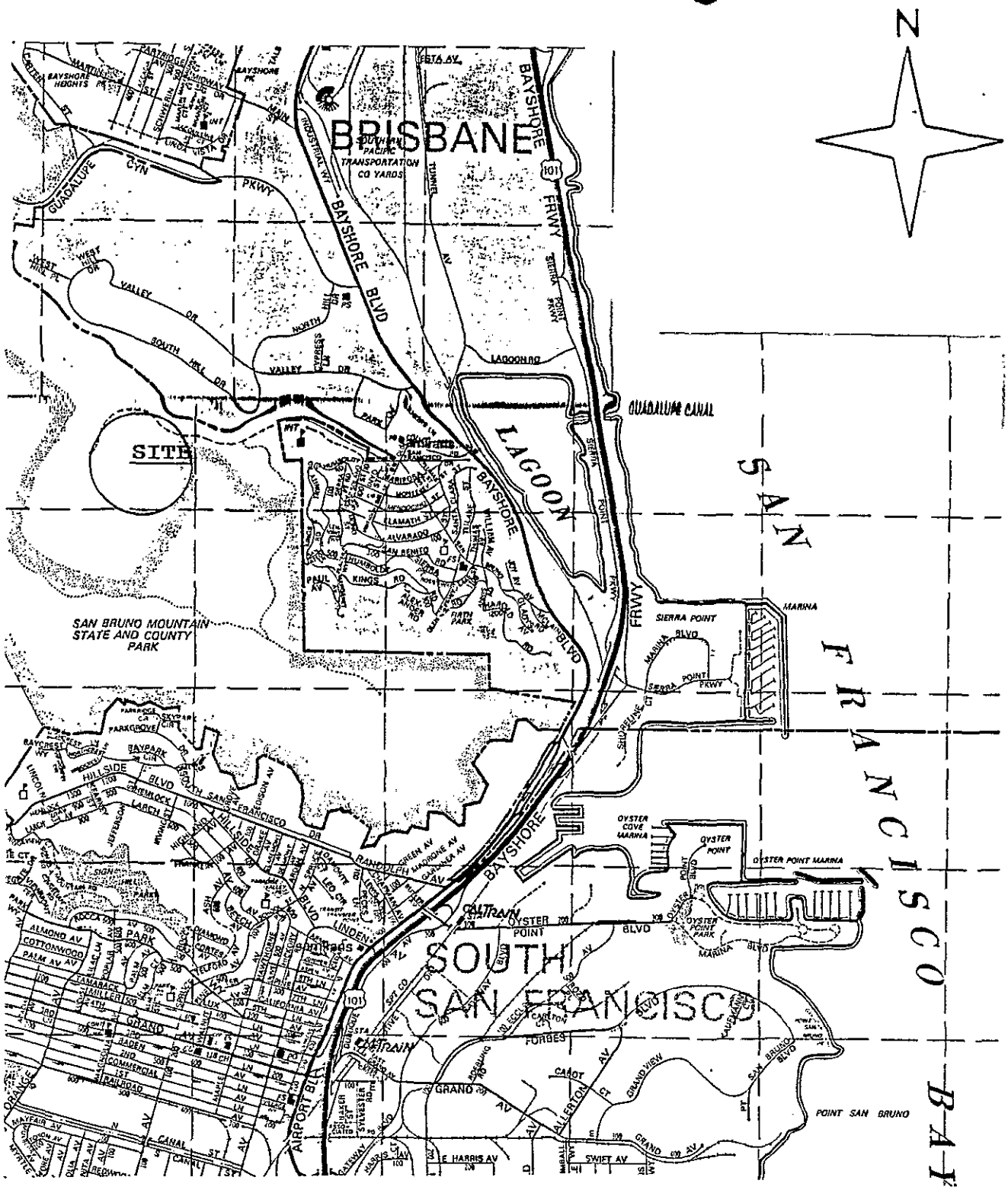
7. **Passive bio-remediation of remaining soil contamination over time is expected.**
   Passive bio-remediation of any remaining soil and groundwater contamination is expected over time. The parameters for bio-remediation were not analyzed.

IX. RECOMMENDATIONS

Based on the investigation, and other information which is currently and actually known to this agency, we have determined that all appropriate response actions have been completed, all acceptable or remedial practice were implemented, and further investigation, remedial/removal action, or monitoring is not required at the site with regard to a release of hazardous waste or substance from the underground storage tanks located at the site. We have determined that a significant release of diesel and/or gasoline fuel has not occurred and the shallow waters have not been significantly impacted. San Mateo County Remedial Oversight Program staff have determined that the water quality objectives of the San Francisco Bay Regional Water Quality Control Board have been satisfied.

Srijesh Thapa
Srijesh Thapa, Haz-Mat Specialist I

06/09/99
Date



SITE LOCATION MAP

AMERICAN ROCK & ASPHALT
1 Old Quarry Road
Brisbane, California

FIGURE 1

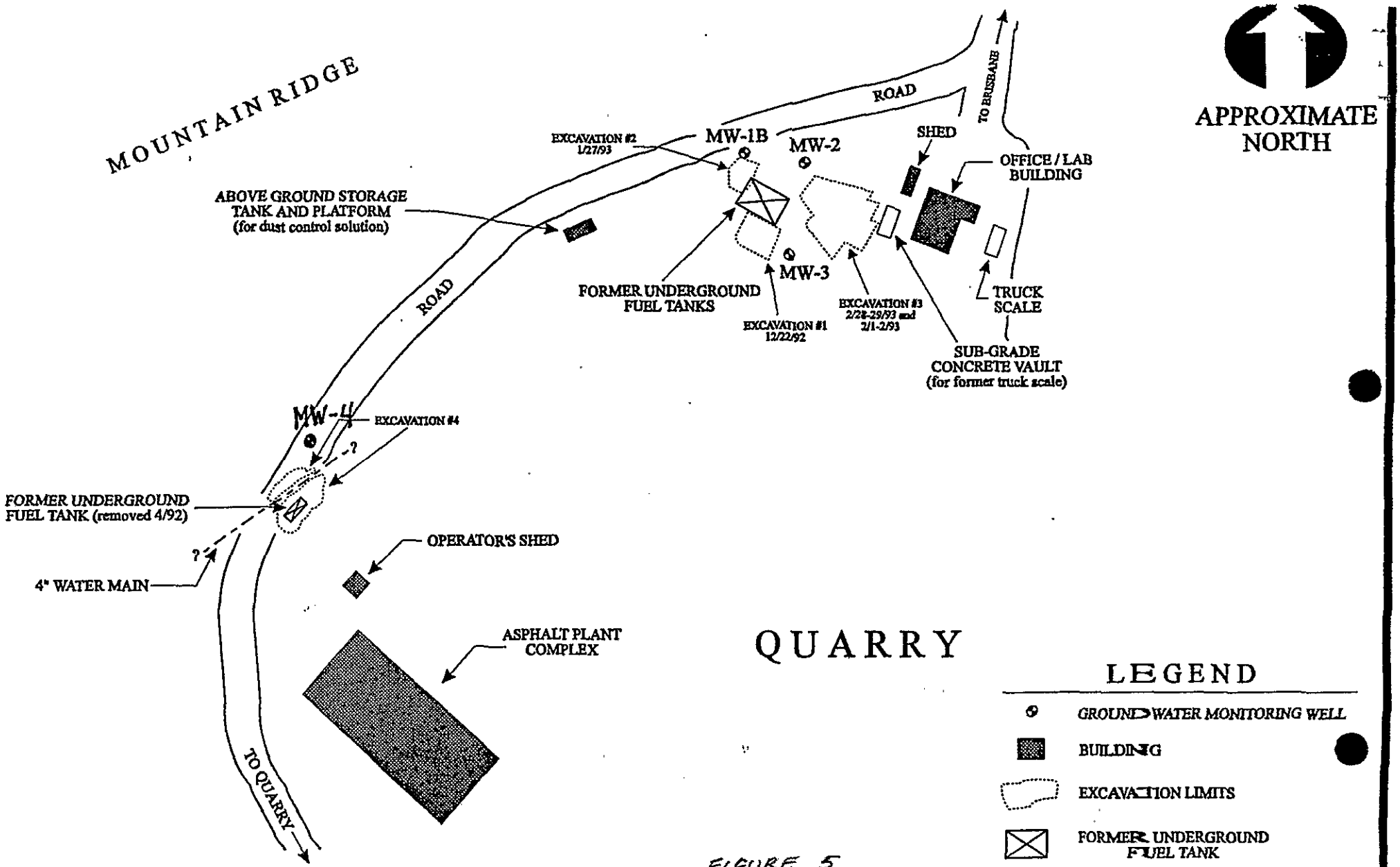


FIGURE 5

TMC Environmental, Inc.

SCALE IN FEET

0 50 100 150

SITE MAP

AMERICAN ROCK AND ASPHALT
ONE OLD QUARRY ROAD
BRISBANE, CALIFORNIA

PROJECT NO. 101691

FEBRUARY 2, 1995

PLATE

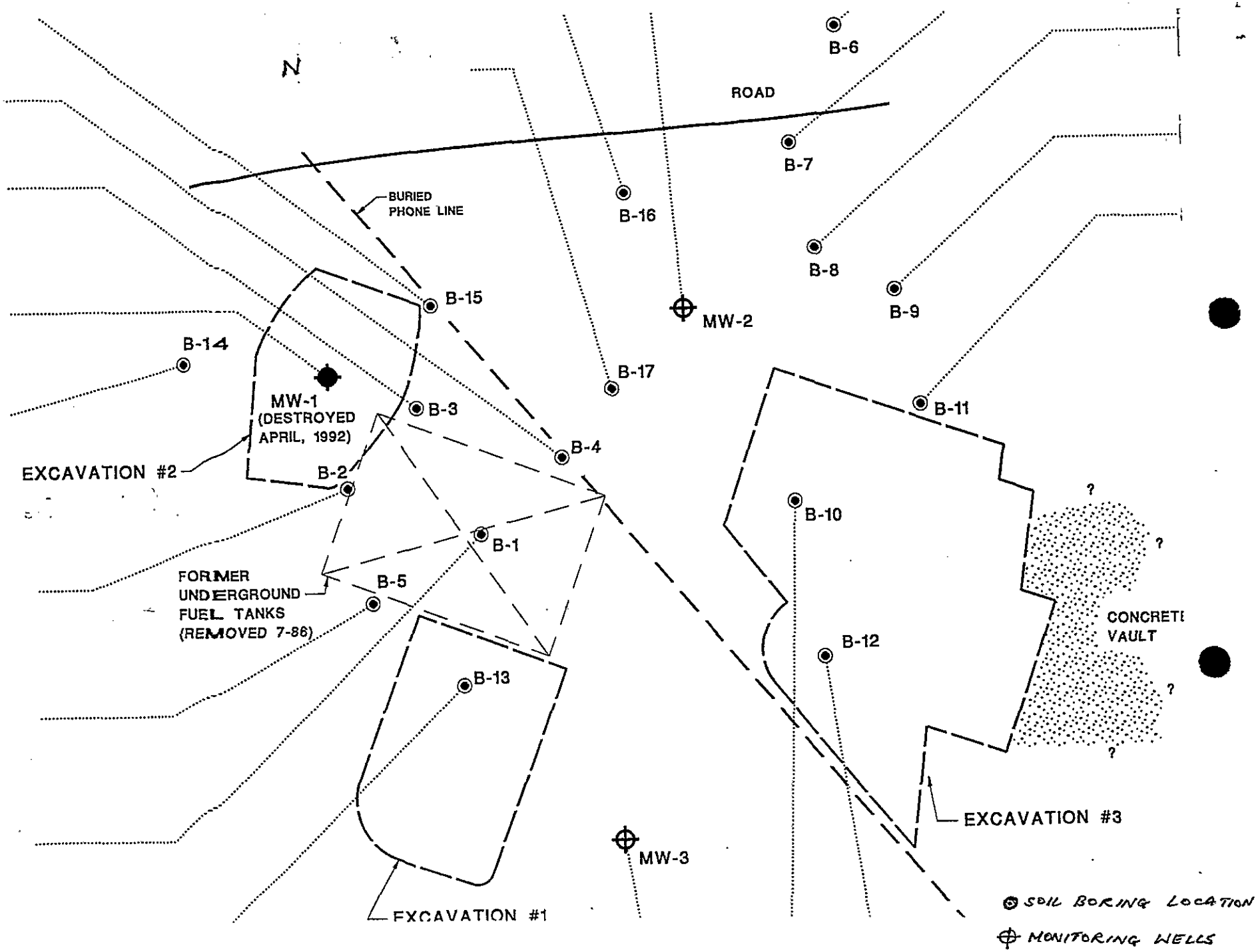

N
ROAD
B-6
B-7
B-8
B-9
B-16
B-17
MW-2
BURIED
PHONE LINE
B-15
B-14
MW-1
(DESTROYED
APRIL, 1992)
B-3
B-4
B-2
EXCAVATION #2
B-1
B-5
FORMER
UNDERGROUND
FUEL TANKS
(REMOVED 7-86)
B-13
MW-3
EXCAVATION #1
B-11
B-10
B-12
CONCRETE
VAULT
EXCAVATION #3
SOIL BORING LOCATION
MONITORING WELLS

FIGURE 6

EXCAVATION #1

SAMPLE GROUP SWA DECEMBER 22, 1992

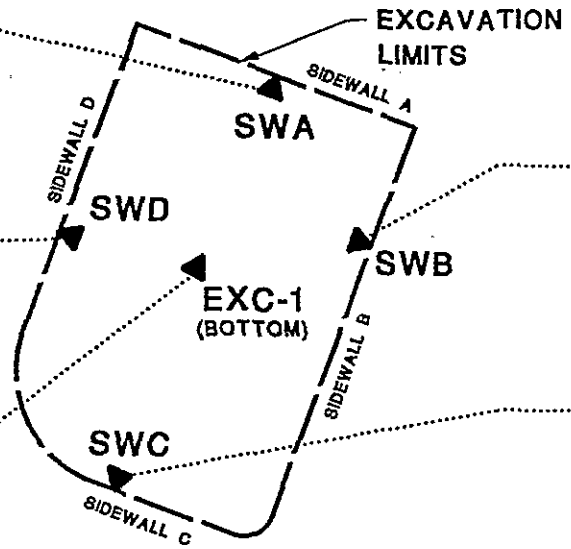
SAMPLE	DEPTH	GAS	DIE	BENZ	TOL	EB	XYL
SWA-1	8	ND	ND	ND	ND	ND	ND
SWA-2	10	ND	ND	ND	ND	ND	ND
SWA-3	13	ND	6.18	ND	ND	ND	ND

SAMPLE GROUP SWD DECEMBER 22, 1992

SAMPLE	DEPTH	GAS	DIE	BENZ	TOL	EB	XYL
SWD-1	5	ND	ND	ND	ND	ND	ND
SWD-2	11	ND	ND	ND	ND	ND	ND
SWD-3	15	ND	ND	ND	ND	ND	ND

SAMPLE EXC-1 (BOTTOM) DECEMBER 22, 1992

DEPTH	GAS	DIE	BENZ	TOL	EB	XYL
18	ND	6.11	ND	ND	ND	ND

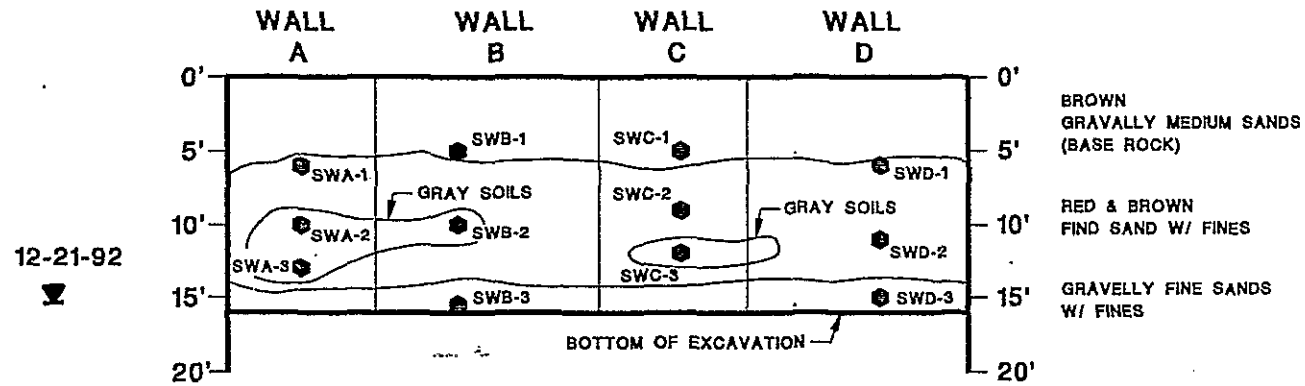


SAMPLE GROUP SWB DECEMBER 22, 1992

SAMPLE	DEPTH	GAS	DIE	BENZ	TOL	EB	XYL
SWB-1	5	ND	ND	ND	ND	ND	ND
SWB-2	10	ND	ND	ND	ND	ND	ND
SWB-3	16	ND	ND	ND	ND	ND	ND

SAMPLE GROUP SWC DECEMBER 22, 1992

SAMPLE	DEPTH	GAS	DIE	BENZ	TOL	EB	XYL
SWC-1	5	ND	ND	ND	ND	ND	ND
SWC-2	9	ND	ND	ND	ND	ND	ND
SWC-3	12	ND	ND	ND	ND	ND	ND



SIDEWALLS OF EXCAVATION #1

VERTICAL SCALE 1"=10' HORIZONTAL SCALE 1"=20'

FIGURE 7.

EXCAVATION #2

SAMPLE GROUP SWD(1, 2 & 3) JANUARY 27, 1993

SAMPLE	DEPTH	GAS	DIE	BENZ	TOL	EB	XYL
SWD-1	6	ND	ND	ND	ND	ND	ND
SWD-2	9	ND	ND	ND	ND	ND	ND
SWD-3	13	ND	ND	ND	ND	ND	ND

SAMPLE GROUP SWA JANUARY 27, 1993

SAMPLE	DEPTH	GAS	DIE	BENZ	TOL	EB	XYL
SWA-1	6	ND	ND	ND	ND	ND	ND
SWA-2	9	ND	ND	ND	ND	ND	ND
SWA-3	12	ND	ND	ND	ND	ND	ND

SAMPLE GROUP SWD(4, 5 & 6) JANUARY 27, 1993

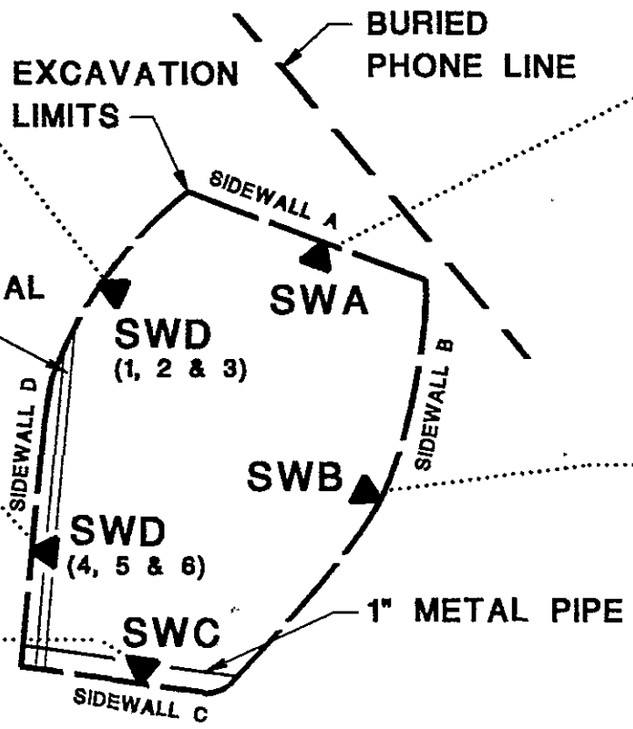
SAMPLE	DEPTH	GAS	DIE	BENZ	TOL	EB	XYL
SWD-1	5	ND	ND	ND	ND	ND	ND
SWD-2	10	ND	ND	ND	ND	ND	ND
SWD-3	13	ND	ND	ND	ND	ND	ND

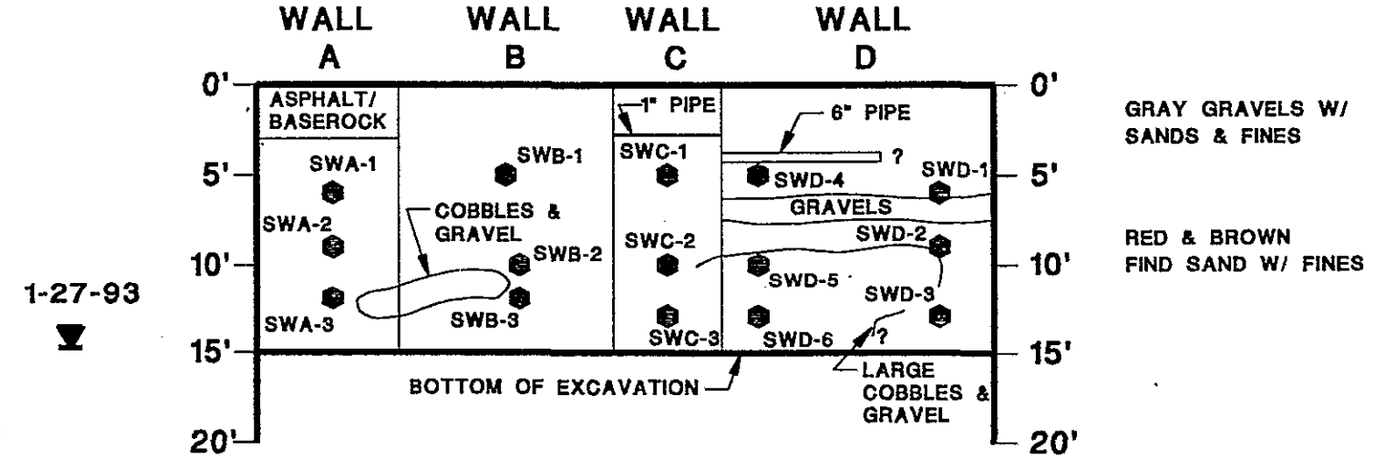
SAMPLE GROUP SWB JANUARY 27, 1993

SAMPLE	DEPTH	GAS	DIE	BENZ	TOL	EB	XYL
SWB-1	5	ND	ND	ND	ND	ND	ND
SWB-2	10	ND	ND	ND	ND	ND	ND
SWB-3	12	ND	ND	ND	ND	ND	ND

SAMPLE GROUP SWC JANUARY 27, 1993

SAMPLE	DEPTH	GAS	DIE	BENZ	TOL	EB	XYL
SWC-1	5	ND	ND	ND	ND	ND	ND
SWC-2	10	ND	ND	ND	ND	ND	ND
SWC-3	13	ND	ND	ND	ND	ND	ND





SIDEWALLS OF EXCAVATION #2

VERTICAL SCALE 1"=10' HORIZONTAL SCALE 1"=20'

FIGURE 8

EXCAVATION #3

SAMPLE GROUP SWD JANUARY 29, 1993

SAMPLE	DEPTH	GAS	DIE	BENZ	TOL	EB	XYL
SWD-1	5	ND	ND	ND	ND	ND	ND
SWD-2	7	ND	ND	ND	ND	ND	ND
SWD-3	12	ND	ND	ND	ND	ND	ND

SAMPLE GROUP SWA JANUARY 29, 1993

SAMPLE	DEPTH	GAS	DIE	BENZ	TOL	EB	XYL
SWA-1	7	ND	ND	ND	ND	ND	ND
SWA-2	11	ND	ND	ND	ND	ND	ND
SWA-3	13	ND	ND	ND	ND	ND	ND

SAMPLE GROUP SWB(1, 2 & 3) JANUARY 29, 1993

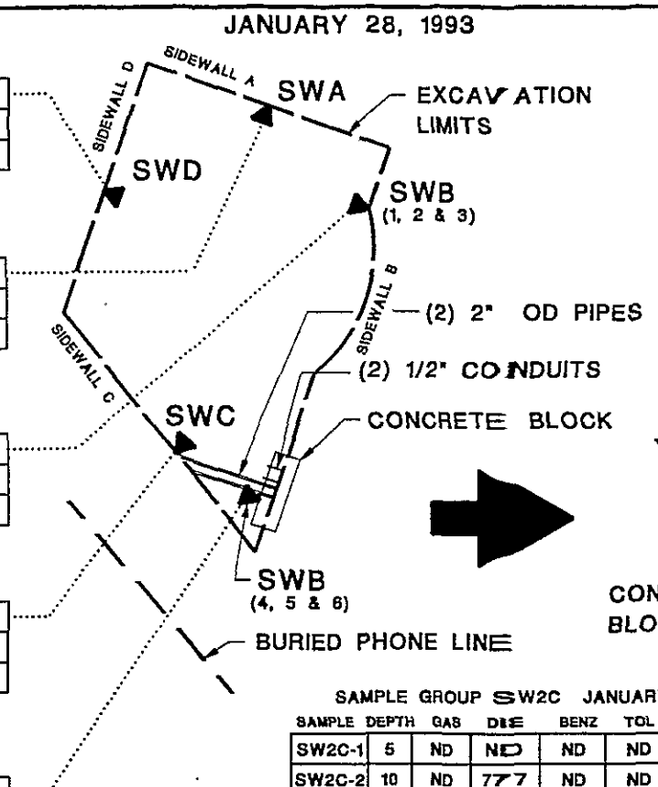
SAMPLE	DEPTH	GAS	DIE	BENZ	TOL	EB	XYL
SWB-1	5	ND	22500	ND	ND	34.8	ND
SWB-2	10	ND	ND	ND	ND	ND	ND
SWB-3	13	ND	ND	ND	ND	ND	ND

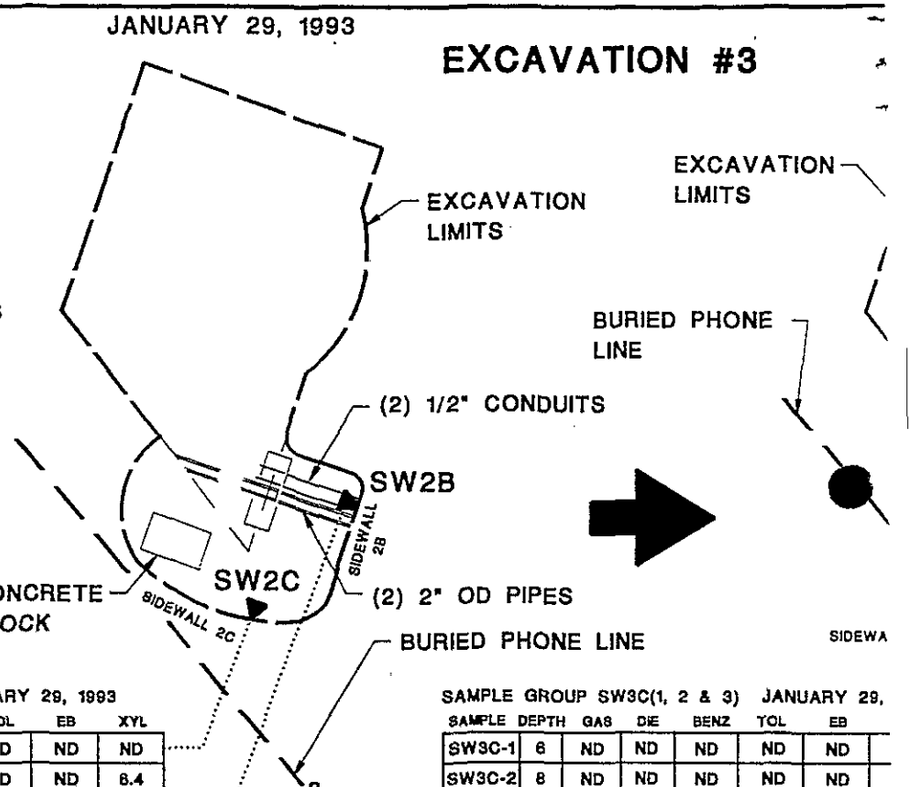
SAMPLE GROUP SWC JANUARY 29, 1993

SAMPLE	DEPTH	GAS	DIE	BENZ	TOL	EB	XYL
SWC-1	5	ND	ND	ND	ND	ND	ND
SWC-2	10	ND	ND	ND	ND	ND	ND
SWC-3	13	ND	2402	ND	ND	12.6	16.3

SAMPLE GROUP SWB(4,5 & 6) JANUARY 29, 1993

SAMPLE	DEPTH	GAS	DIE	BENZ	TOL	EB	XYL
SWB-4	4	ND	ND	ND	ND	ND	ND
SWB-5	9	ND	3218	ND	ND	ND	12.3
SWB-6	13	ND	2827	ND	ND	11	6.7





SAMPLE GROUP SW2C JANUARY 29, 1993

SAMPLE	DEPTH	GAS	DIE	BENZ	TOL	EB	XYL
SW2C-1	5	ND	ND	ND	ND	ND	ND
SW2C-2	10	ND	777	ND	ND	ND	6.4
SW2C-3	13	ND	1564	ND	ND	ND	11.5

SAMPLE GROUP SW2B JANUARY 29, 1993

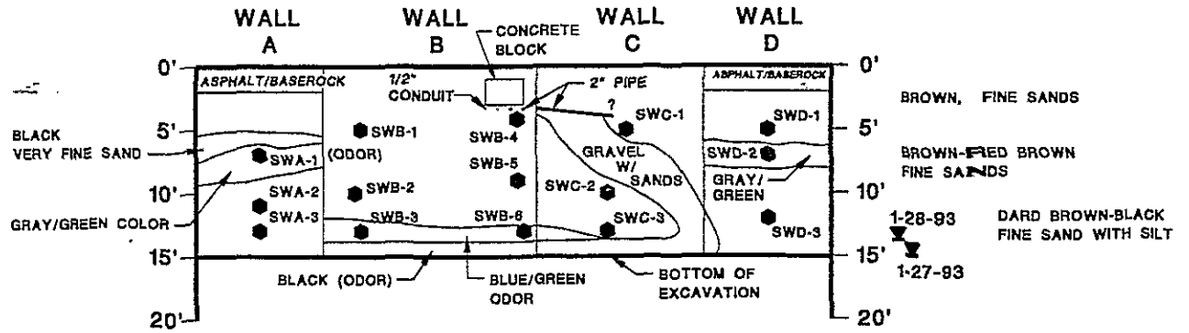
SAMPLE	DEPTH	GAS	DIE	BENZ	TOL	EB	XYL
SW2B-1	4	1836	ND	ND	7.9	39.3	115
SW2B-2	10	ND	ND	ND	ND	ND	ND
SW2B-3	13	ND	ND	ND	ND	ND	ND

SAMPLE GROUP SW3C(1, 2 & 3) JANUARY 29,

SAMPLE	DEPTH	GAS	DIE	BENZ	TOL	EB
SW3C-1	6	ND	ND	ND	ND	ND
SW3C-2	8	ND	ND	ND	ND	ND
SW3C-3	10	ND	ND	ND	ND	ND

SAMPLE GROUP SW3C(4, 5 & 6) JANUARY 29,

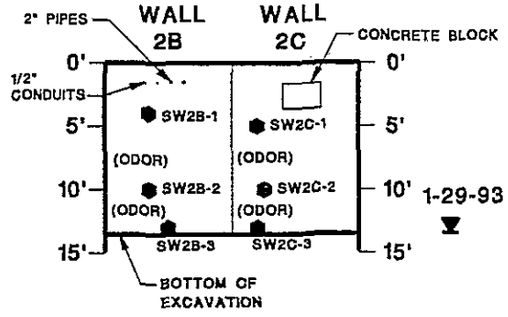
SAMPLE	DEPTH	GAS	DIE	BENZ	TOL	EB
SW3C-4	5	ND	ND	ND	ND	ND
SW3C-5	8	ND	ND	ND	ND	ND
SW3C-6	10	ND	ND	ND	ND	ND



SIDEWALLS OF EXCAVATION #3

VERTICAL SCALE 1"=10' HORIZONTAL SCALE 1"=20'

FIGURE 9a

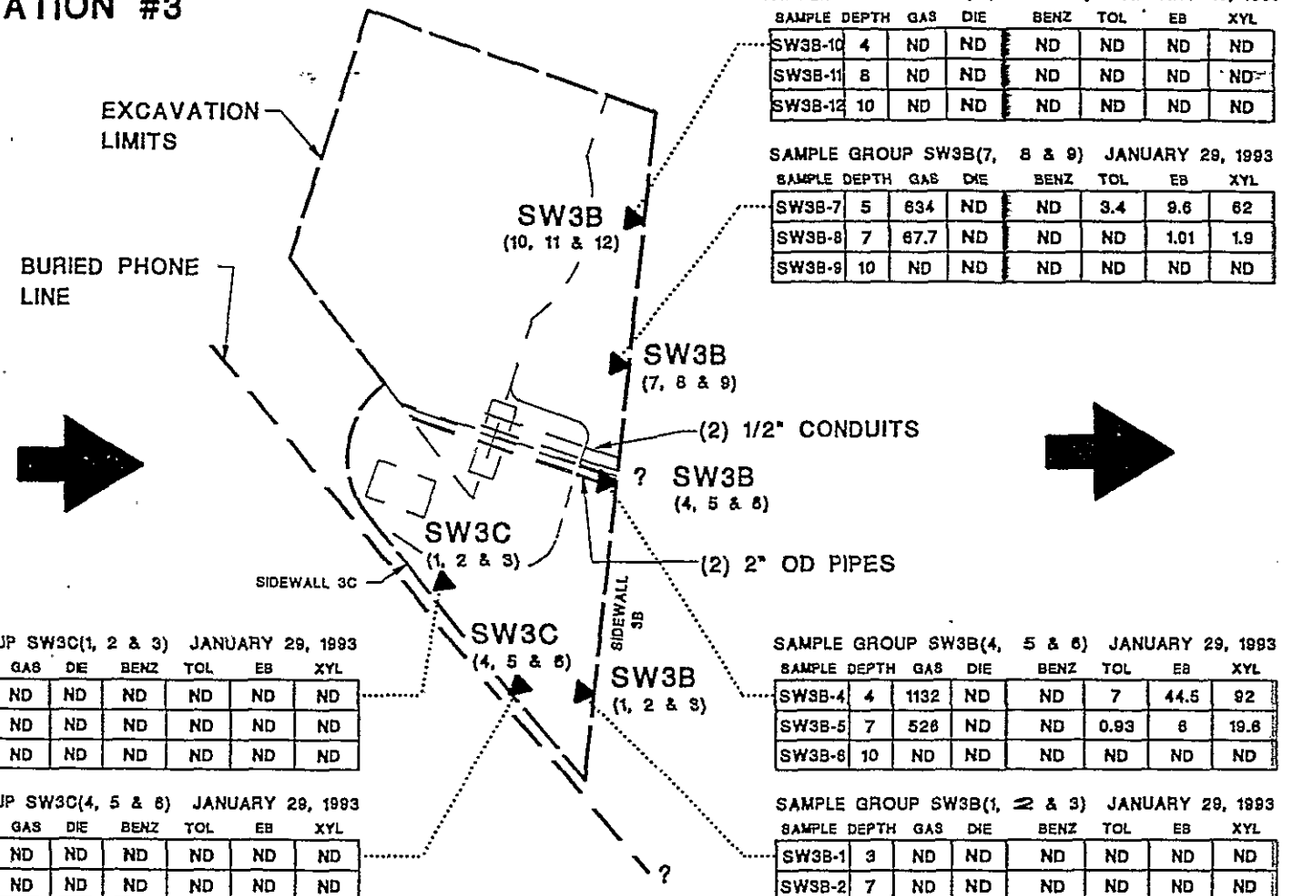


SIDEWALLS OF EXCAVATION #3

VERTICAL SCALE 1"=10' HORIZONTAL SCALE 1"=20'

EXCAVATION #3

JANUARY 29, 1993



SAMPLE GROUP SW3B(10, 11 & 12) JANUARY 29, 1993

SAMPLE	DEPTH	GAS	DIE	BENZ	TOL	EB	XYL
SW3B-10	4	ND	ND	ND	ND	ND	ND
SW3B-11	8	ND	ND	ND	ND	ND	ND
SW3B-12	10	ND	ND	ND	ND	ND	ND

SAMPLE GROUP SW3B(7, 8 & 9) JANUARY 29, 1993

SAMPLE	DEPTH	GAS	DIE	BENZ	TOL	EB	XYL
SW3B-7	5	634	ND	ND	3.4	9.6	62
SW3B-8	7	67.7	ND	ND	ND	1.01	1.9
SW3B-9	10	ND	ND	ND	ND	ND	ND

SAMPLE GROUP SW3C(1, 2 & 3) JANUARY 29, 1993

SAMPLE	DEPTH	GAS	DIE	BENZ	TOL	EB	XYL
SW3C-1	6	ND	ND	ND	ND	ND	ND
SW3C-2	8	ND	ND	ND	ND	ND	ND
SW3C-3	10	ND	ND	ND	ND	ND	ND

SAMPLE GROUP SW3B(4, 5 & 6) JANUARY 29, 1993

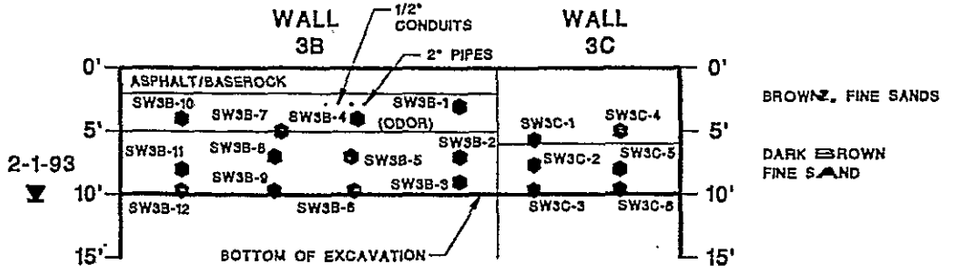
SAMPLE	DEPTH	GAS	DIE	BENZ	TOL	EB	XYL
SW3B-4	4	1132	ND	ND	7	44.5	92
SW3B-5	7	526	ND	ND	0.93	6	19.6
SW3B-6	10	ND	ND	ND	ND	ND	ND

SAMPLE GROUP SW3C(4, 5 & 6) JANUARY 29, 1993

SAMPLE	DEPTH	GAS	DIE	BENZ	TOL	EB	XYL
SW3C-4	5	ND	ND	ND	ND	ND	ND
SW3C-5	8	ND	ND	ND	ND	ND	ND
SW3C-6	10	ND	ND	ND	ND	ND	ND

SAMPLE GROUP SW3B(1, 2 & 3) JANUARY 29, 1993

SAMPLE	DEPTH	GAS	DIE	BENZ	TOL	EB	XYL
SW3B-1	3	ND	ND	ND	ND	ND	ND
SW3B-2	7	ND	ND	ND	ND	ND	ND
SW3B-3	9	ND	ND	ND	ND	ND	ND

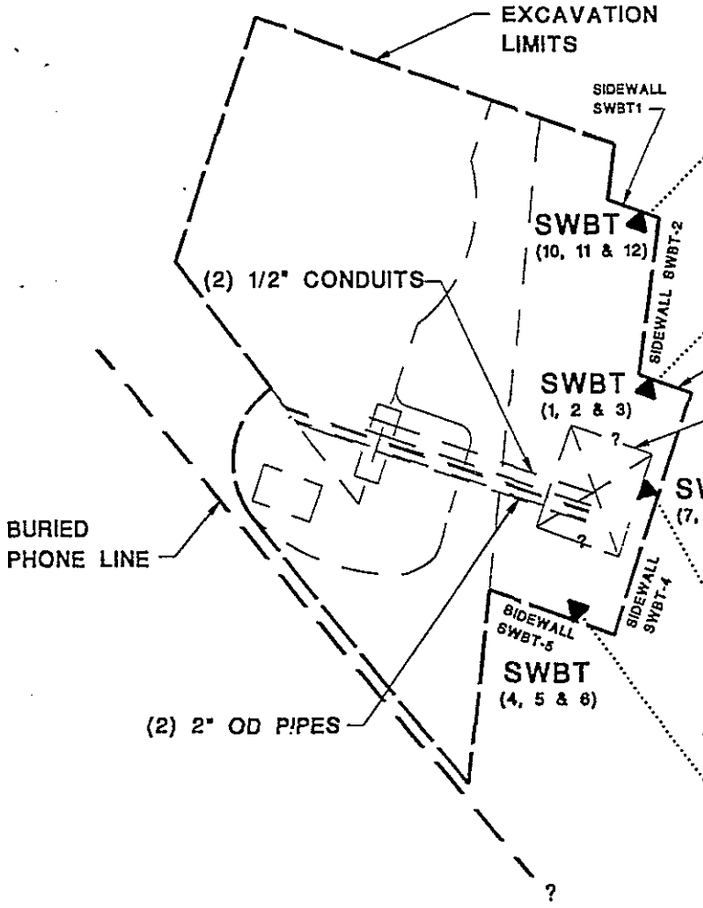


SIDEWALLS OF EXCAVATION #3

VERTICAL SCALE 1"=10' HORIZONTAL SCALE 1"=20'

FIGURE 10

FEBRUARY 1 & 2, 1993



SAMPLE GROUP SWBT(10, 11 & 12) JANUARY 29, 1993

SAMPLE	DEPTH	GAS	DIE	BENZ	TOL	EB	XYL
SWBT-10	6	ND	2	ND	ND	ND	ND
SWBT-11	8	ND	2	ND	ND	ND	ND
SWBT-12	10	ND	ND	ND	ND	ND	ND

SAMPLE GROUP SWBT(1, 2 & 3) JANUARY 29, 1993

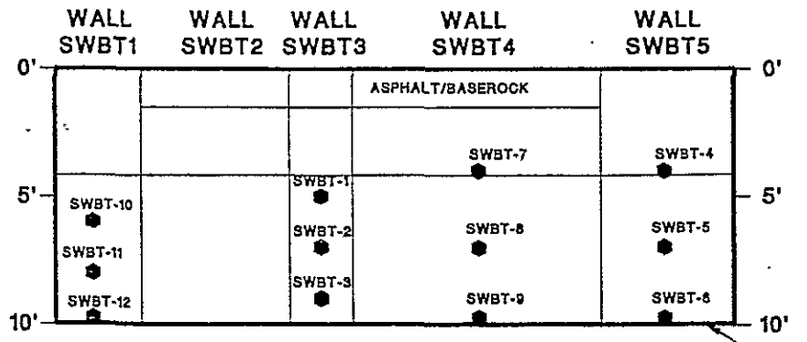
SAMPLE	DEPTH	GAS	DIE	BENZ	TOL	EB	XYL
SWBT-1	5	ND	ND	ND	ND	ND	ND
SWBT-2	7	ND	ND	ND	ND	ND	ND
SWBT-3	9	ND	ND	ND	ND	ND	ND

SAMPLE GROUP SWBT(7, 8 & 9) JANUARY 29, 1993

SAMPLE	DEPTH	GAS	DIE	BENZ	TOL	EB	XYL
SWBT-7	4	ND	ND	ND	ND	ND	ND
SWBT-8	7	ND	ND	ND	ND	ND	ND
SWBT-9	10	ND	ND	ND	ND	ND	ND

SAMPLE GROUP SWBT(4, 5 & 6) JANUARY 29, 1993

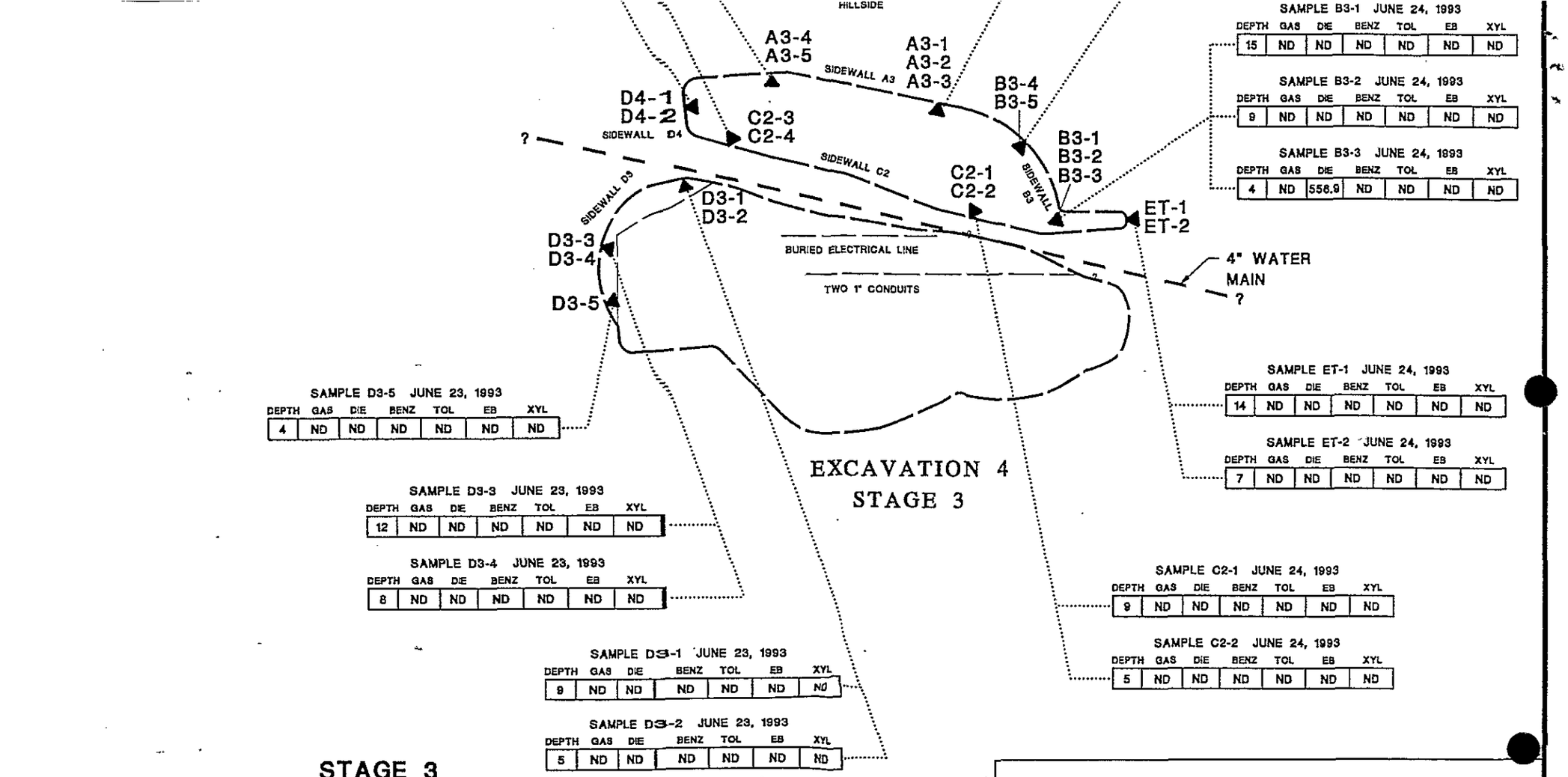
SAMPLE	DEPTH	GAS	DIE	BENZ	TOL	EB	XYL
SWBT-4	4	57	ND	ND	ND	ND	1.4
SWBT-5	7	ND	ND	ND	ND	ND	ND
SWBT-6	10	63	ND	ND	ND	ND	1.04



SIDEWALLS OF EXCAVATION #3

VERTICAL SCALE 1"=5' HORIZONTAL SCALE 1"=10'

FIGURE 11



SAMPLE B3-1 JUNE 24, 1993

DEPTH	GAS	DIE	BENZ	TOL	EB	XYL
15	ND	ND	ND	ND	ND	ND

SAMPLE B3-2 JUNE 24, 1993

DEPTH	GAS	DIE	BENZ	TOL	EB	XYL
9	ND	ND	ND	ND	ND	ND

SAMPLE B3-3 JUNE 24, 1993

DEPTH	GAS	DIE	BENZ	TOL	EB	XYL
4	ND	556.9	ND	ND	ND	ND

SAMPLE ET-1 JUNE 24, 1993

DEPTH	GAS	DIE	BENZ	TOL	EB	XYL
14	ND	ND	ND	ND	ND	ND

SAMPLE ET-2 JUNE 24, 1993

DEPTH	GAS	DIE	BENZ	TOL	EB	XYL
7	ND	ND	ND	ND	ND	ND

SAMPLE C2-1 JUNE 24, 1993

DEPTH	GAS	DIE	BENZ	TOL	EB	XYL
9	ND	ND	ND	ND	ND	ND

SAMPLE C2-2 JUNE 24, 1993

DEPTH	GAS	DIE	BENZ	TOL	EB	XYL
5	ND	ND	ND	ND	ND	ND

SAMPLE D3-5 JUNE 23, 1993

DEPTH	GAS	DIE	BENZ	TOL	EB	XYL
4	ND	ND	ND	ND	ND	ND

SAMPLE D3-3 JUNE 23, 1993

DEPTH	GAS	DIE	BENZ	TOL	EB	XYL
12	ND	ND	ND	ND	ND	ND

SAMPLE D3-4 JUNE 23, 1993

DEPTH	GAS	DIE	BENZ	TOL	EB	XYL
8	ND	ND	ND	ND	ND	ND

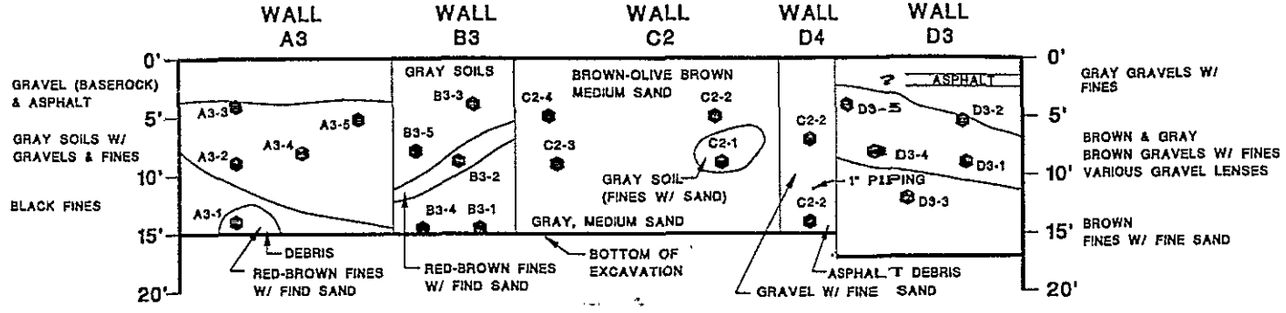
SAMPLE D3-1 JUNE 23, 1993

DEPTH	GAS	DIE	BENZ	TOL	EB	XYL
9	ND	ND	ND	ND	ND	ND

SAMPLE D3-2 JUNE 23, 1993

DEPTH	GAS	DIE	BENZ	TOL	EB	XYL
5	ND	ND	ND	ND	ND	ND

STAGE 3



SIDEWALLS OF EXCAVATION #4

VERTICAL SCALE 1"=10' HORIZONTAL SCALE 1"=20'

FIGURE 12

EXPLANATION OF MAP SYMBOLS

SOIL SAMPLE CHEMICAL ANALYSIS RESULTS IN MG/KG (PPM)
RESULTS MAY BE ROUNDED OFF ON THIS PLATE.

SAMPLE LABEL AND SAMPLE DATE

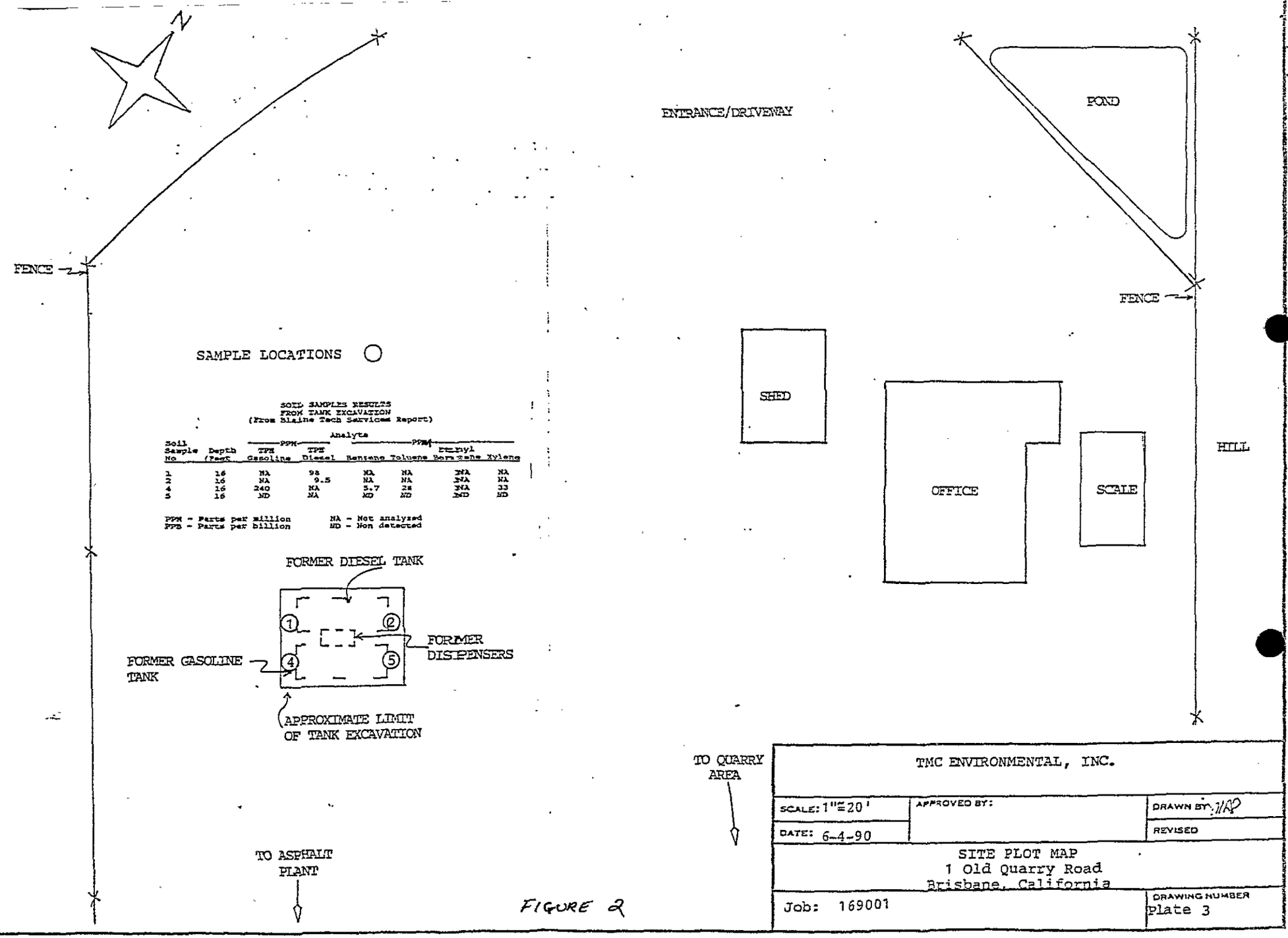
A1-1 ▲ DEPTH GAS DIE BENZ TOL EB XYL

DEPTH IN FEET	TPH GAS	TPH DIESEL	BENZENE	TOLUENE	ETHYL BENZENE	TOTAL XYLENES

ND = NOT DETECTABLE AT OR ABOVE REPORTING LIMIT
NA = NO LABORATORY ANALYSIS OF SOIL SAMPLE
NL = NOT LISTED IN REPORTS

▲ EXCAVATION LIMIT SOIL SAMPLE GROUP

● EXCAVATION SIDEWALL SAMPLE



SOIL SAMPLES RESULTS
FROM TANK EXCAVATION
(From Blaine Tech Services Report)

Soil Sample No	Depth (Feet	Analyte PPM TPH Gasoline	PPM TPH Diesel	PPB Benzene	PPB Toluene	PPB Ethyl Benzene	PPB Xylene
1	16	NA	98	NA	NA	NA	NA
2	16	NA	9.5	NA	NA	NA	NA
4	16	240	NA	5.7	28	NA	32
5	16	ND	NA	ND	ND	ND	ND

PPM - Parts per million
PPB - Parts per billion
NA - Not analyzed
ND - Non detected

FIGURE 2

TMC ENVIRONMENTAL, INC.		
SCALE: 1"=20'	APPROVED BY:	DRAWN BY: JAP
DATE: 6-4-90		REVISED
SITE PLOT MAP 1 Old Quarry Road Brisbane, California		
Job: 169001		DRAWING NUMBER Plate 3

11 X 17 PRINTED ON NO. 1000H CLEARPRINT ®

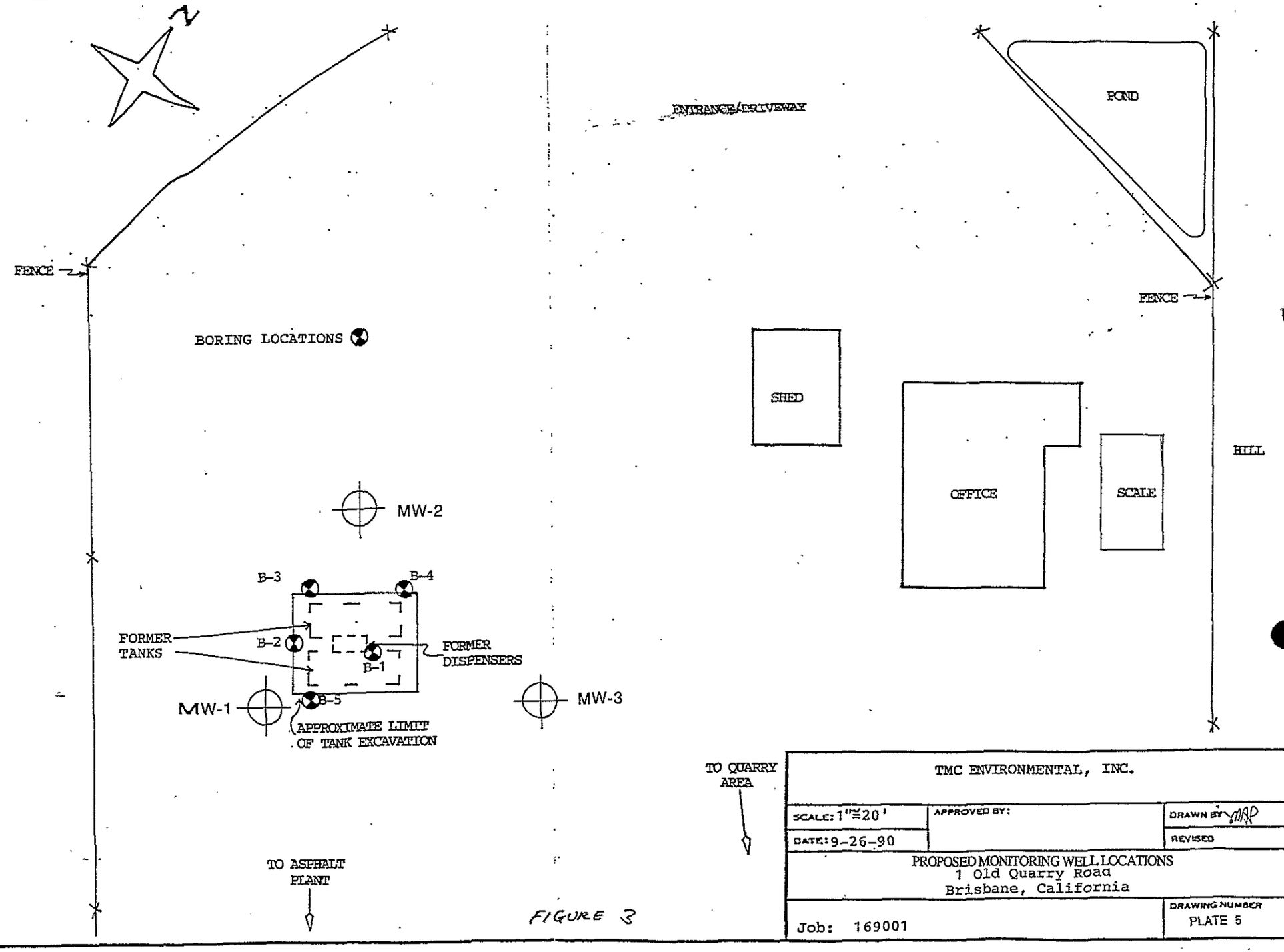


FIGURE 3

TMC ENVIRONMENTAL, INC.		
SCALE: 1"=20'	APPROVED BY:	DRAWN BY MAP
DATE: 9-26-90		REVISED
PROPOSED MONITORING WELL LOCATIONS 1 Old Quarry Road Brisbane, California		
Job: 169001		DRAWING NUMBER PLATE 5

11 X 17 PRINTED ON NO. 1000H CLEARPRINT ®

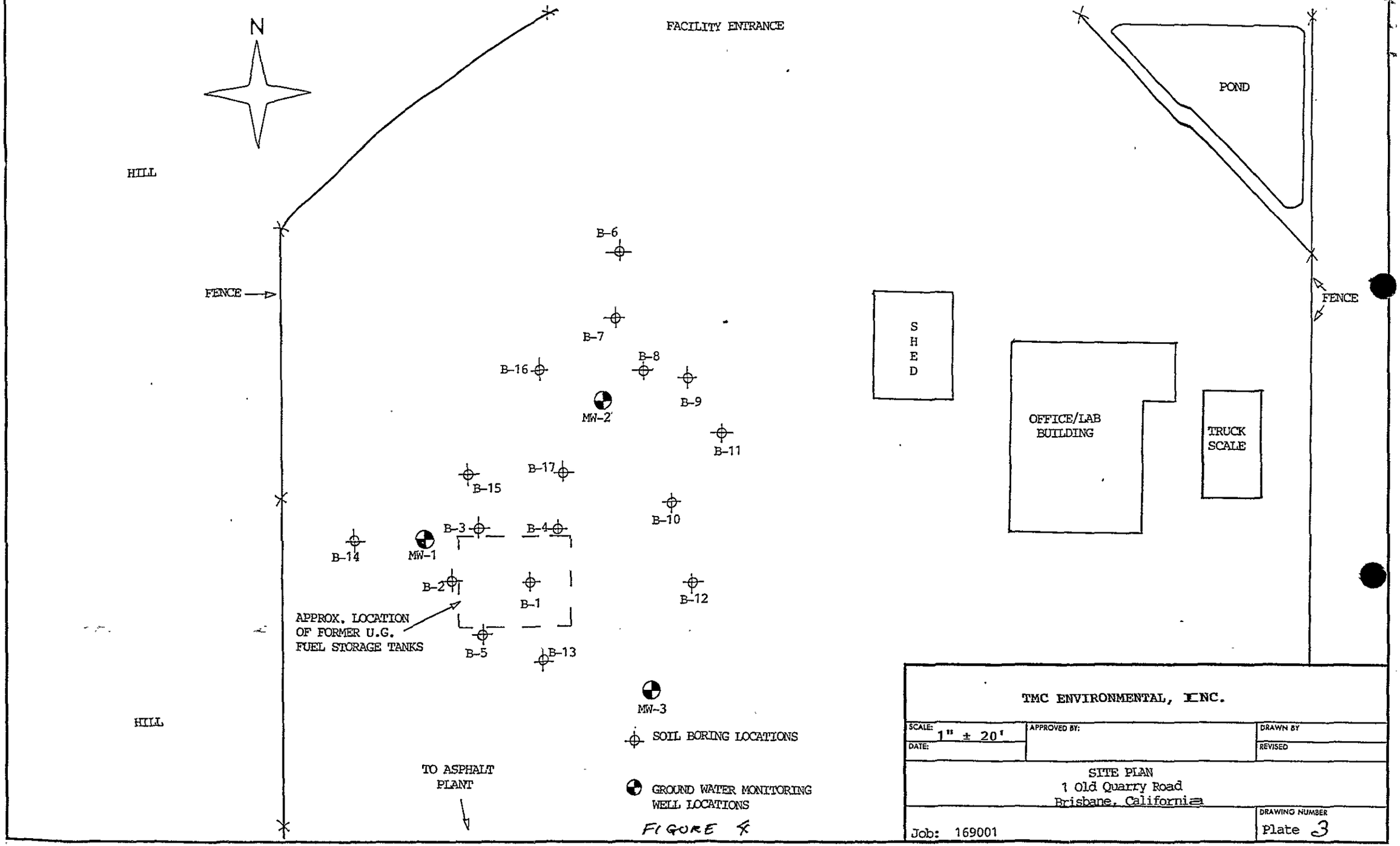


FIGURE 4

TMC ENVIRONMENTAL, INC.

SCALE: 1" ± 20'	APPROVED BY:	DRAWN BY
DATE:		REVISED

SITE PLAN
1 Old Quarry Road
Brisbane, California

Job: 169001

DRAWING NUMBER
Plate 3

TABLE 1,
Results of Preliminary Subsurface Soil Investigation
(TMC Preliminary Subsurface Soil Investigation Report,
dated October 1, 1990)

		----------Analyte (Parts per Million)----------					
Sample No.	Sample Depth (FT)	TPH Diesel	TPH Gasoline	Benzene	Toluene	Ethyl Benzene	Xylenes
B-1-2	11 - 11-1/2	<10	<0.5	<0.005	<0.005	<0.005	<0.005
B-1-3	16 - 16-1/2	<10	<0.5	<0.005	<0.005	<0.005	<0.005
B-1-4	22 - 22-1/2	<10	<0.5	<0.005	<0.005	<0.005	<0.005
B-2-2	11 - 11-1/2	<10	<0.5	<0.005	<0.005	<0.005	<0.005
B-2-3	16-1/2 - 17	<10	<0.5	<0.005	<0.005	<0.005	<0.005
B-2-4	22 - 22-1/2	<10	<0.5	<0.005	<0.005	<0.005	<0.005
B-3-2	11 - 11-1/2	<10	<0.5	<0.005	<0.005	<0.005	<0.005
B-3-3	16-1/2 - 17	<10	<0.5	<0.005	<0.005	<0.005	<0.005
B-3-4	22 - 22-1/2	<10	<0.5	<0.005	<0.005	<0.005	<0.005
B-4-2	11 - 11-1/2	<10	<0.5	<0.005	<0.005	<0.005	<0.005
B-5-2	11 - 11-1/2	<10	<0.5	<0.005	<0.005	<0.005	<0.005
B-5-3	16 - 16-1/2	27	<0.5	<0.005	<0.005	<0.005	<0.005
B-5-4	22-1/2 - 23	11	<0.5	<0.005	<0.005	<0.005	<0.005

TABLE 2
CHEMICAL ANALYSIS RESULTS OF
GROUND WATER SAMPLES
(Sampled 01-22-91)

Sample No.	TPH Diesel	TPH Gasoline	Benzene	Toluene	Ethyl Benzene	Xylenes
	----------Analyte (Parts per Billion)----------					
MW-1	<50	<50	0.96	0.56	0.76	<2
MW-2	840	3,200	110	38	400	58
MW-3	<50	<50	<0.5	<0.5	<0.5	<2
MW-2 F.B.	<50	<50	<0.5	<0.93	<0.5	<2

BTEX IN PPB

TABLE 3
CHEMICAL ANALYSIS RESULTS OF BORING SOIL SAMPLES
August 20 & 21, 1991

Sample Number	Sample Depth (Feet)	TPH Gas (ppm)	Benzene (ppb)	Toluene (ppb)	Ethyl Benzene (ppb)	Total Xylenes (ppb)	Kerosene (ppm)	Diesel (ppm)
B-6-2	10-1/2	<1.0	<5.0	<5.0	<5.0	<5.0	<1.0	<1.0
B-7-2	10-1/2	<1.0	<5.0	<5.0	<5.0	<5.0	<1.0	<1.0
B-7-3	12	<1.0	<5.0	<5.0	<5.0	<5.0	<1.0	<1.0
B-8-1	8-1/2	<1.0	<5.0	<5.0	<5.0	<5.0	1.1	<1.0
B-8-2	12-1/2	<1.0	<5.0	<5.0	<5.0	<5.0	<1.0	<1.0
B-9-2	14	5.1	21	8.0	33	13	<1.0	1.6
B-10-1	8-1/2	840	890	1000	2700	9200	<1.0	19000
B-10-2	14-1/2	340	37	1300	1800	1100	<1.0	7000
B-11-2	14-1/2	1.8	<5.0	<5.0	<5.0	<5.0	<1.0	1.6
B-12-2	14-1/2	13	<5.0	<5.0	34	170	<1.0	<1.0
B-13-1	10	NA	NA	NA	NA	NA	<1.0	2.3
B-13-2	15-1/2	<1.0	<5.0	<5.0	<5.0	<5.0	<1.0	2700
B-14-2	16-1/2	<1.0	<5.0	<5.0	<5.0	<5.0	<1.0	<1.0
B-15-1	10-1/2	<1.0	<5.0	<5.0	<5.0	<5.0	<1.0	2.3
B-15-2	15-1/2	<1.0	<5.0	<5.0	<5.0	<5.0	<1.0	1.0
B-16-1	9-1/2	<1.0	<5.0	<5.0	<5.0	<5.0	<1.0	1.4
B-16-2	12-1/2	<1.0	<5.0	<5.0	<5.0	<5.0	<1.0	1.0
B-17-1	10-1/2	<1.0	<5.0	<5.0	<5.0	<5.0	<1.0	1.2
B-17-2	12-1/2	<1.0	<5.0	<5.0	<5.0	<5.0	<1.0	<1.0

TABLE 5
SOIL SAMPLE RESULTS OF EXCAVATION #1 FOR GASOLINE, BTEX, AND DIESEL
(December 22, 1992)

Sample I.D	Sample Depth in feet	TPH Gasoline (PPM)	Benzene (PPB)	Toluene (PPB)	Ethyl Benzene (PPB)	Total Xylenes (PPB)	TPH Diesel (PPM)
SWA-1	6	<0.050	<0.5	<0.5	<0.5	<0.5	<0.050
SWA-2	10	<0.050	<0.5	<0.5	<0.5	<0.5	<0.050
SWA-3	13	<0.050	<0.5	<0.5	<0.5	<0.5	6.180
SWB-1	5	<0.050	<0.5	<0.5	<0.5	<0.5	<0.050
SWB-2	10	<0.050	<0.5	<0.5	<0.5	<0.5	<0.050
SWB-3	16	<0.050	<0.5	<0.5	<0.5	<0.5	<0.050
SWC-1	5	<0.050	<0.5	<0.5	<0.5	<0.5	<0.050
SWC-2	9	<0.050	<0.5	<0.5	<0.5	<0.5	<0.050
SWC-3	12	<0.050	<0.5	<0.5	<0.5	<0.5	<0.050
SWD-1	5	<0.050	<0.5	<0.5	<0.5	<0.5	<0.050
SWD-2	11	<0.050	<0.5	<0.5	<0.5	<0.5	<0.050
SWD-3	15	<0.050	<0.5	<0.5	<0.5	<0.5	<0.050
EXC-1-Bottom	16	<0.050	<0.5	<0.5	<0.5	<0.5	6.110

TABLE 6
SOIL SAMPLE RESULTS OF EXCAVATION #2 FOR GASOLINE, BTEX, AND DIESEL
(January 27, 1993)

Sample I.D	Sample Depth in feet	TPH Gasoline (PPM)	Benzene (PPB)	Toluene (PPB)	Ethyl Benzene (PPB)	Total Xylenes (PPB)	TPH Diesel (PPM)
SWA-1	6	<0.050	<0.5	<0.5	<0.5	<0.5	<0.050
SWA-2	9	<0.050	<0.5	<0.5	<0.5	<0.5	<0.050
SWA-3	12	<0.050	<0.5	<0.5	<0.5	<0.5	<0.050
SWB-1	5	<0.050	<0.5	<0.5	<0.5	<0.5	<0.050
SWB-2	10	<0.050	<0.5	<0.5	<0.5	<0.5	<0.050
SWB-3	12	<0.050	<0.5	<0.5	<0.5	<0.5	<0.050
SWC-1	5	<0.050	<0.5	<0.5	<0.5	<0.5	<0.050
SWC-2	10	<0.050	<0.5	<0.5	<0.5	<0.5	<0.050
SWC-3	13	<0.050	<0.5	<0.5	<0.5	<0.5	<0.050
SWD-1	6	<0.050	<0.5	<0.5	<0.5	<0.5	<0.050
SWD-2	9	<0.050	<0.5	<0.5	<0.5	<0.5	<0.050
SWD-3	13	<0.050	<0.5	<0.5	<0.5	<0.5	<0.050
SWD-4	5	<0.050	<0.5	<0.5	<0.5	<0.5	<0.050
SWD-5	10	<0.050	<0.5	<0.5	<0.5	<0.5	<0.050
SWD-6	13	<0.050	<0.5	<0.5	<0.5	<0.5	<0.050

BTEX IN PPB

TABLE 7
SOIL SAMPLE RESULTS OF EXCAVATION #3 FOR GASOLINE, BTEX, AND DIESEL
(January 29, 1993)

Sample I.D	*Sample Depth in feet*	*TPH Gasoline (PPM)*	*Benzene (PPB)*	*Toluene (PPB)*	*Ethyl Benzene (PPB)*	*Total Xylenes (PPB)*	*TPH Diesel (PPM)*
SWA-1	7	<0.050	<0.5	<0.5	<0.5	<0.5	<0.050
SWA-2	11	<0.050	<0.5	<0.5	<0.5	<0.5	<0.050
SWA-3	13	<0.050	<0.5	<0.5	<0.5	<0.5	<0.050
SWB-1	5	<0.050	<0.5	<0.5	<0.5	34,766.9	22,499.72
SWB-2	10	<0.050	<0.5	<0.5	<0.5	<0.5	<0.050
SWB-3	13	<0.050	<0.5	<0.5	<0.5	<0.5	<0.050
SWB-4	4	<0.050	<0.5	<0.5	<0.5	<0.5	<0.050
SWB-5	9	<0.050	<0.5	<0.5	<0.5	12,295.2	3,218.13
SWB-6	13	<0.050	<0.5	<0.5	11,019.3	6,708.7	2,827.31
SWC-1	5	<0.050	<0.5	<0.5	<0.5	<0.5	<0.050
SWC-2	10	<0.050	<0.5	<0.5	<0.5	<0.5	<0.050
SWC-3	13	<0.050	<0.5	<0.5	12,583.6	16,299.2	2,401.63
SWD-1	5	<0.050	<0.5	<0.5	<0.5	<0.5	<0.050
SWD-2	7	<0.050	<0.5	<0.5	<0.5	<0.5	<0.050
SWD-3	12	<0.050	<0.5	<0.5	<0.5	<0.5	<0.050
SW2B-1	4	1,836.35	<0.5	7,866.9	39,269.1	115,041.3	<0.050
SW2B-2	10	<0.050	<0.5	<0.5	<0.5	<0.5	<0.050
SW2B-3	13	<0.050	<0.5	<0.5	<0.5	<0.5	<0.050
SW2C-1	5	<0.050	<0.5	<0.5	<0.5	<0.5	<0.050
SW2C-2	10	<0.050	<0.5	<0.5	<0.5	6,431.6	777.15
SW2C-3	13	<0.050	<0.5	<0.5	<0.5	11,526.1	1,563.21

TABLE 8
SOIL SAMPLE RESULTS OF EXCAVATION #3 FOR GASOLINE, BTEX, AND DIESEL
(FEBRUARY 01, 1993)

BTEX IN PPB

Sample I.D	Sample Depth in feet	TPH Gasoline (PPM)	Benzene (PPB)	Toluene (PPB)	Ethyl Benzene (PPB)	Total Xylenes (PPB)	TPH Diesel (PPM)
SW3B-1	3	<0.050	<0.5	<0.5	<0.5	<0.5	<0.050
SW3B-2	7	<0.050	<0.5	<0.5	<0.5	<0.5	<0.050
SW3B-3	9	<0.050	<0.5	<0.5	<0.5	<0.5	<0.050
SW3B-4	4	1,132.19	<0.5	7,054.8	44,468.0	91,820.3	<0.050
SW3B-5	7	526.05	<0.5	927.1	5,998.9	19,578.6	<0.050
SW3B-6	10	<0.050	<0.5	<0.5	<0.5	<0.5	<0.050
SW3B-7	5	633.58	<0.5	3,446.4	9,599.3	61,955.9	<0.050
SW3B-8	7	67.70 OK	<0.5	<0.5	1,010.9	1,937.2	<0.050
SW3B-9	10	<0.050	<0.5	<0.5	<0.5	<0.5	<0.050
SW3B-10	4	<0.050	<0.5	<0.5	<0.5	<0.5	<0.050
SW3B-11	8	<0.050	<0.5	<0.5	<0.5	<0.5	<0.050
SW3B-12	10	<0.050	<0.5	<0.5	<0.5	<0.5	<0.050
SW3C-1	6	<0.050	<0.5	<0.5	<0.5	<0.5	<0.050
SW3C-2	8	<0.050	<0.5	<0.5	<0.5	<0.5	<0.050
SW3C-3	10	<0.050	<0.5	<0.5	<0.5	<0.5	<0.050
SW3C-4	5	<0.050	<0.5	<0.5	<0.5	<0.5	<0.050
SW3C-5	8	<0.050	<0.5	<0.5	<0.5	<0.5	<0.050
SW3C-6	10	<0.050	<0.5	<0.5	<0.5	<0.5	<0.050
SWBT-1	5	<0.050	<0.5	<0.5	<0.5	<0.5	<0.050
SWBT-2	7	<0.050	<0.5	<0.5	<0.5	<0.5	<0.050
SWBT-3	9	<0.050	<0.5	<0.5	<0.5	<0.5	<0.050
SWBT-4	4	57.36 OK	<0.5	<0.5	<0.5	1,438.9	<0.050
SWBT-5	7	<0.050	<0.5	<0.5	<0.5	<0.5	<0.050
SWBT-6	10	63.37 OK	<0.5	<0.5	<0.5	1,039.5	<0.050
SWBT-7	4	<0.050	<0.5	<0.5	<0.5	<0.5	<0.050
SWBT-8	7	<0.050	<0.5	<0.5	<0.5	<0.5	<0.050
SWBT-9	10	<0.050	<0.5	<0.5	<0.5	<0.5	<0.050
SWBT-10	6 *	<1	<5	<5	<5	<5	2 OK
SWBT-11	8 *	<1	<5	<5	<5	<5	2 OK
SWBT-12	10 *	<1	<5	<5	<5	<5	<1

*-Chemically analyzed by Curtis and Tompkins, Ltd., Berkeley, California

TABLE 9

SOIL SAMPLE RESULTS OF EXCAVATION #4

FOR GASOLINE, BTEX, AND DIESEL

Sample I.D	*Sample Depth in feet*	*TPH Gasoline (PPM)*	*Benzene (PPM)*	*Toluene (PPM)*	*Ethyl Benzene (PPM)*	*Total Xylenes (PPM)*	*TPH Diesel (PPM)*
Sampled June 18, 1993							
A1-1	16	<0.050	<0.0005	<0.0005	<0.0005	<0.0005	11,233.13
A1-2	7	<0.050	<0.0005	<0.0005	<0.0005	<0.0005	190.43
A1-3	16	<0.050	<0.0005	<0.0005	<0.0005	<0.0005	198.87
A1-4	8	<0.050	<0.0005	<0.0005	<0.0005	4.1591	2,332.51
A1-5	15	<0.050	<0.0005	<0.0005	<0.0005	<0.0005	<0.050
A1-6	5	<0.050	<0.0005	<0.0005	<0.0005	<0.0005	2,832.51
B1-1	15	<0.050	<0.0005	<0.0005	<0.0005	<0.0005	28.77
B1-2	7	<0.050	<0.0005	<0.0005	<0.0005	<0.0005	36.56
B2-1	15	<0.050	<0.0005	<0.0005	<0.0005	<0.0005	<0.050
B2-2	5	<0.050	<0.0005	<0.0005	<0.0005	<0.0005	<0.050
C1-1	16	<0.050	<0.0005	<0.0005	<0.0005	<0.0005	<0.050
C1-2	8	<0.050	<0.0005	<0.0005	<0.0005	<0.0005	<0.050

TMC Environmental, Inc. / San Pablo, California

CONTD..... 1/3

TABLE 9

Results of Soil Excavation

Sample I.D	*Sample Depth in feet*	*TPH Gasoline (PPM)*	*Benzene (PPM)*	*Toluene (PPM)*	*Ethyl Benzene (PPM)*	*Total Xylenes (PPM)*	*TPH Diesel (PPM)*
C1-3	16	<0.050	<0.0005	<0.0005	<0.0005	<0.0005	<0.050
C1-4	8	<0.050	<0.0005	<0.0005	<0.0005	<0.0005	<0.050
C1-5	16	<0.050	<0.0005	<0.0005	<0.0005	<0.0005	<0.050
C1-6	8	<0.050	<0.0005	<0.0005	<0.0005	<0.0005	<0.050
C1-7	16	<0.050	<0.0005	<0.0005	<0.0005	<0.0005	<0.050
C1-8	5	<0.050	<0.0005	<0.0005	<0.0005	<0.0005	<0.050
Excav. 4 Bot. 1	16	<0.050	<0.0005	<0.0005	<0.0005	<0.0005	<0.050
Sampled June 23, 1993							
A2-1	12	<0.050	<0.0005	<0.0005	<0.0005	1.9027	7,142.78
A2-2	6	<0.050	<0.0005	<0.0005	<0.0005	0.0760	1,318.18
A2-3	12	<0.050	<0.0005	<0.0005	<0.0005	0.0440	539.46
A2-4	5	<0.050	<0.0005	<0.0005	<0.0005	<0.0005	<0.050
A2-5	3	<0.050	<0.0005	<0.0005	<0.0005	0.1512	2,645.18
D1-1	15	<0.050	<0.0005	<0.0005	<0.0005	<0.0005	<0.050
D1-2	9	<0.050	<0.0005	<0.0005	<0.0005	<0.0005	70.38
D2-1	15	<0.050	<0.0005	<0.0005	<0.0005	<0.0005	29.98
D2-2	7	<0.050	<0.0005	<0.0005	<0.0005	<0.0005	71.60
D2-3	13	<0.050	<0.0005	<0.0005	<0.0005	<0.0005	<0.050
D2-4	8	<0.050	<0.0005	<0.0005	<0.0005	<0.0005	<0.050
D2-5	5	<0.050	<0.0005	<0.0005	<0.0005	<0.0005	<0.050
D3-1	9	<0.050	<0.0005	<0.0005	<0.0005	<0.0005	<0.050
D3-2	5	<0.050	<0.0005	<0.0005	<0.0005	<0.0005	<0.050
D3-3	12	<0.050	<0.0005	<0.0005	<0.0005	<0.0005	<0.050
D3-4	8	<0.050	<0.0005	<0.0005	<0.0005	<0.0005	<0.050
D3-5	4	<0.050	<0.0005	<0.0005	<0.0005	<0.0005	<0.050
Sampled June 24, 1993							
A3-1	14	<0.050	<0.0005	<0.0005	<0.0005	<0.0005	<0.050
A3-2	9	<0.050	<0.0005	<0.0005	<0.0005	<0.0005	<0.050
A3-3	4	<0.050	<0.0005	<0.0005	<0.0005	<0.0005	<0.050
A3-4	8	<0.050	<0.0005	<0.0005	<0.0005	<0.0005	78.49

CONTD... 2/3

TABLE 9

Results of Soil Excavation,

Sample I.D	*Sample Depth in feet*	*TPH Gasoline (PPM)*	*Benzene (PPM)*	*Toluene (PPM)*	*Ethyl Benzene (PPM)*	*Total Xylenes (PPM)*	*TPH Diesel (PPM)*
A3-5	5	<0.050	<0.0005	<0.0005	<0.0005	0.1512	51.95
B3-1	15	<0.050	<0.0005	<0.0005	<0.0005	<0.0005	<0.050
B3-2	9	<0.050	<0.0005	<0.0005	<0.0005	<0.0005	<0.050
B3-3	4	<0.050	<0.0005	<0.0005	<0.0005	<0.0005	556.87
B3-4	15	<0.050	<0.0005	<0.0005	<0.0005	<0.0005	<0.050
B3-5	8	<0.050	<0.0005	<0.0005	<0.0005	<0.0005	<0.050
C2-1	9	<0.050	<0.0005	<0.0005	<0.0005	<0.0005	<0.050
C2-2	5	<0.050	<0.0005	<0.0005	<0.0005	<0.0005	<0.050
C2-3	9	<0.050	<0.0005	<0.0005	<0.0005	<0.0005	<0.050
C2-4	5	<0.050	<0.0005	<0.0005	<0.0005	<0.0005	<0.050
D4-1	14	<0.050	<0.0005	<0.0005	<0.0005	<0.0005	63.22
D4-2	7	<0.050	<0.0005	<0.0005	<0.0005	<0.0005	<0.050
ET-1	14	<0.050	<0.0005	<0.0005	<0.0005	<0.0005	<0.050
ET-2	7	<0.050	<0.0005	<0.0005	<0.0005	<0.0005	<0.050

Table 10

Summary of Groundwater Monitoring and Analysis

American Rock and Asphalt

Well ID	Date	Top of Casing Elevation (feet)	Depth to Water (feet)	Groundwater Elevation (feet)	TPH-G (ppb)	TPH-D (ppb)	Benzene (ppb)	Toluene (ppb)	Ethyl-benzene (ppb)	Total Xylenes (ppb)	MTBE (ppb)	Kerosene (ppb)
MW-1	1/14/91	199.90	16.10	183.80	—	—	—	—	—	—	—	—
	1/22/91		—	—	ND	ND	0.96	0.56	0.76	ND	—	—
	6/7/91		10.57	189.33	ND	ND	0.9	1.5	ND	ND	—	ND
	10/9/91		16.82	183.08	—	—	—	—	—	—	—	—
	10/11/91		—	—	ND	3,000	ND	ND	ND	ND	—	ND
	3/18/92		10.57	189.33	ND	170	ND	ND	ND	ND	—	ND
	7/7/92		—	—	—	—	—	—	—	—	—	—
	11/18/92		—	—	—	—	—	—	—	—	—	—
	2/11/93		—	—	—	—	—	—	—	—	—	—
MW-1B	6/18/93	200.38	16.14	184.24	ND	ND	ND	ND	ND	ND	—	—
	9/23/93		16.65	183.73	ND	ND	ND	ND	ND	ND	—	—
	2/11/94		11.82	188.56	ND	1,200	ND	ND	ND	ND	—	—
	1/18/95		10.24	190.14	ND	100	ND	ND	ND	ND	—	—
	6/15/95		15.80	184.58	ND	120	ND	ND	ND	ND	—	—
	1/22/96		10.66	189.72	ND	210	ND	ND	ND	ND	ND	—
MW-2	1/14/91	198.50	11.76	186.74	—	—	—	—	—	—	—	—
	1/22/91		—	—	3,200	840	110	38	400	58	—	—
	6/7/91		12.12	186.38	810	ND	32	3.6	89	27	—	ND
	10/9/91		13.46	185.04	—	—	—	—	—	—	—	—
	10/11/91		—	—	1,100	420	18	2.2	25	9.0	—	ND
	3/18/92		8.11	190.39	740	78	4.9	1.8	15	2.9	—	ND
	7/7/92		12.32	186.18	2,100	85	29	7.2	120	15	—	—
	11/18/92		12.79	185.71	860	380	15	2.7	23	1.6	—	—
	2/11/93		9.08	189.42	510	130	4.6	2.2	6.5	5.9	—	ND

Table 1 6

Summary of Groundwater Monitoring and Analysis

American Rock and Asphalt

Well ID	Date	Top of Casing Elevation (feet)	Depth to Water (feet)	Groundwater Elevation (feet)	TPH-G (ppb)	TPH-D (ppb)	Benzene (ppb)	Toluene (ppb)	Ethyl-benzene (ppb)	Total Xylenes (ppb)	MTBE (ppb)	Kerosene (ppb)
MW-2	6/18/93		12.11	186.39	ND	ND	ND	ND	ND	ND	—	—
(con't)	9/23/93		13.15	185.35	ND	ND	ND	ND	ND	ND	—	—
	2/11/94		9.49	189.01	470	—	1.5	1.6	5.1	1.8	—	—
	1/18/95		7.49	191.01	480	250	2.8	0.9	5.6	0.9	—	—
	6/15/95		12.00	186.50	180	690	2.0	ND	2.3	ND	—	—
	1/22/96		11.90	186.60	160	260	0.86	ND	1.1	1.2	6.5	—
MW-3	1/14/91	200.77	16.73	184.04	—	—	—	—	—	—	—	—
	1/22/91		—	—	ND	ND	ND	ND	ND	ND	—	—
	6/7/91		16.85	183.92	96	ND	ND	ND	ND	ND	—	ND
	10/9/91		17.08	183.69	—	—	—	—	—	—	—	—
	10/11/91		—	—	ND	ND	ND	ND	ND	ND	—	ND
	3/18/92		10.65	190.12	ND	ND	ND	ND	ND	ND	—	ND
	7/7/92		16.79	183.98	ND	820	ND	ND	ND	ND	—	—
	11/18/92		15.40	185.37	ND	2,700	ND	ND	ND	ND	—	—
	2/11/93		12.53	188.24	ND	ND	ND	ND	ND	ND	—	—
	6/18/93	200.65	16.30	184.35	ND	ND	ND	ND	ND	ND	—	—
	9/23/93		16.58	184.07	ND	ND	ND	ND	ND	ND	—	—
	2/11/94		10.67	189.98	ND	ND	ND	ND	ND	ND	—	—
	1/18/95		9.23	191.42	ND	ND	ND	ND	ND	ND	—	—
	6/15/95	200.75	15.98	184.77	ND	ND	0.7	ND	ND	ND	—	—
	1/22/96		9.66	191.09	ND	110	ND	ND	ND	ND	ND	—

Table 10

Summary of Groundwater Monitoring and Analysis

American Rock and Asphalt

Well ID	Date	Top of Casing Elevation (feet)	Depth to Water (feet)	Groundwater Elevation (feet)	TPH-G (ppb)	TPH-D (ppb)	Benzene (ppb)	Toluene (ppb)	Ethyl-benzene (ppb)	Total Xylenes (ppb)	MTBE (ppb)	Kerosene (ppb)
MW-4	1/18/95	—	16.72	—	*ND*	*ND*	*ND*	*0.6*	*ND*	*ND*	—	—
	6/15/95	213.39	17.42	195.97	ND	410	ND	ND	ND	ND	—	—
	1/22/96		17.03	196.36	ND	230	ND	0.59	ND	0.72	ND	—

NOTES:
- ppb = parts per billion
- TPH-G = total petroleum hydrocarbons as gasoline
- TPH-D = total petroleum hydrocarbons as diesel
- MTBE = methyl-tert butyl ether
- ND = not detected at or above method detection limits
- — = not measured/not analyzed

APPENDIX E
ENVIRONMENTAL DATABASE REPORT

PHASE I
ENVIRONMENTAL SITE ASSESSMENT REPORT
Brisbane Quarry
1 Quarry Road
Brisbane, California

Farallon PN: 1363-006

ENVIRONMENTAL RISK INFORMATION SERVICES

DATABASE REPORT

Project Property:	*Brisbane Quarry* *Brisbane Quarry* *Brisbane CA*
Project No:	*1363-006*
Report Type:	*Database Report*
Order No:	*20180531084*
Requested by:	*Farallon Consulting*
Date Completed:	*June 1, 2018*

Environmental Risk Information Services
A division of Glacier Media Inc.
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E: info@erisinfo.com

www.erisinfo.com

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Executive Summary

Property Information:

Project Property:	*Brisbane Quarry* *Brisbane Quarry Brisbane CA*
Project No:	*1363-006*

Coordinates:

Latitude:	*37.687841*
Longitude:	*-122.419433*
UTM Northing:	*4,171,339.85*
UTM Easting:	*551,187.80*
UTM Zone:	*UTM Zone 10S*

Elevation: *226 FT*

Order Information:

Order No:	*20180531084*
Date Requested:	*May 31, 2018*
Requested by:	*Farallon Consulting*
Report Type:	*Database Report*

Historicals/Products:

Aerial Photographs	*Historical Aerials (Boundaries)*
City Directory Search	*CD - 4 Street Search*
ERIS Xplorer	*ERIS Xplorer - Interactive Viewer*
Excel Add-On	*Excel Add-On*
Fire Insurance Maps	*US Fire Insurance Maps*
Physical Setting Report (PSR)	*PSR*
Topographic Map	*Topographic Maps*

Executive Summary: Report Summary

Database	Searched	Search Radius	Project Property	Within 0.12mi	.125mi to 0.25mi	0.25mi to 0.50mi	0.50mi to 1.00mi	Total
Standard Environmental Records								
Federal								
NPL	Y	1	0	0	0	0	0	0
PROPOSED NPL	Y	1	0	0	0	0	0	0
DELETED NPL	Y	.5	0	0	0	0	-	0
SEMS	Y	.5	0	0	0	0	-	0
SEMS ARCHIVE	Y	.5	0	0	0	0	-	0
CERCLIS	Y	.5	0	0	0	0	-	0
CERCLIS NFRAP	Y	.5	0	0	0	0	-	0
CERCLIS LIENS	Y	PO	0	-	-	-	-	0
RCRA CORRACTS	Y	1	0	0	0	0	1	1
RCRA TSD	Y	.5	0	0	0	0	-	0
RCRA LQG	Y	.25	0	0	0	-	-	0
RCRA SQG	Y	.25	0	1	1	-	-	2
RCRA CESQG	Y	.25	0	0	0	-	-	0
RCRA NON GEN	Y	.25	0	0	0	-	-	0
FED ENG	Y	.5	0	0	0	0	-	0
FED INST	Y	.5	0	0	0	0	-	0
ERNS 1982 TO 1986	Y	PO	0	-	-	-	-	0
ERNS 1987 TO 1989	Y	PO	0	-	-	-	-	0
ERNS	Y	PO	0	-	-	-	-	0
FED BROWNFIELDS	Y	.5	0	0	0	0	-	0
FEMA UST	Y	.25	0	0	0	-	-	0
SEMS LIEN	Y	PO	0	-	-	-	-	0
State								
RESPONSE	Y	1	0	0	0	0	4	4
ENVIROSTOR	Y	1	0	0	0	0	8	8
DELISTED ENVS	Y	1	0	0	0	0	0	0
SWF/LF	Y	.5	0	0	0	0	-	0
HWP	Y	1	0	0	0	0	1	1

Database	Searched	Search Radius	Project Property	Within 0.12mi	.125mi to 0.25mi	0.25mi to 0.50mi	0.50mi to 1.00mi	Total
LDS	Y	.5	0	0	0	0	-	0
LUST	Y	.5	1	0	4	6	-	11
DELISTED LST	Y	.5	0	0	0	0	-	0
UST	Y	.25	0	0	0	-	-	0
UST CLOSURE	Y	.5	0	0	0	0	-	0
HHSS	Y	.25	0	1	5	-	-	6
AST	Y	.25	0	0	0	-	-	0
DELISTED TNK	Y	.25	0	0	0	-	-	0
CERS TANK	Y	.25	0	0	1	-	-	1
DELISTED HAZ	Y	.5	0	1	0	0	-	1
LUR	Y	.5	0	0	0	0	-	0
HLUR	Y	.5	0	0	0	0	-	0
DEED	Y	.5	0	0	0	0	-	0
VCP	Y	.5	0	0	0	0	-	0
CLEANUP SITES	Y	.5	0	0	0	2	-	2
CERS HAZ	Y	.125	0	1	-	-	-	1
DELISTED CTNK	Y	.25	0	0	0	-	-	0
HIST TANK	Y	.25	0	1	5	-	-	6
Tribal								
INDIAN LUST	Y	.5	0	0	0	0	-	0
INDIAN UST	Y	.25	0	0	0	-	-	0
DELISTED ILST	Y	.5	0	0	0	0	-	0
DELISTED IUST	Y	.25	0	0	0	-	-	0
County								
DELISTED COUNTY	Y	.25	0	0	0	-	-	0
SANFRAN AST	Y	.25	0	0	0	-	-	0
SANFRAN CUPA	Y	.25	0	0	0	-	-	0
SANFRAN LOP	Y	.5	0	0	0	0	-	0
SANFRAN UST	Y	.25	0	0	0	-	-	0
SANMATEO CUPA	Y	.25	1	0	12	-	-	13
SANMATEO LOP	Y	.5	1	0	4	7	-	12
Additional Environmental Records								
Federal								
FINDS/FRS	Y	PO	5	-	-	-	-	5
TRIS	Y	PO	0	-	-	-	-	0
HMIRS	Y	.125	0	0	-	-	-	0
NCDL	Y	PO	0	-	-	-	-	0
ODI	Y	.5	0	0	0	0	-	0
IODI	Y	.5	0	0	0	0	-	0

Database	Searched	Search Radius	Project Property	Within 0.12mi	.125mi to 0.25mi	0.25mi to 0.50mi	0.50mi to 1.00mi	Total
TSCA	Y	.125	0	0	-	-	-	0
HIST TSCA	Y	.125	0	0	-	-	-	0
FTTS ADMIN	Y	PO	0	-	-	-	-	0
FTTS INSP	Y	PO	0	-	-	-	-	0
PRP	Y	PO	0	-	-	-	-	0
SCRD DRYCLEANER	Y	.5	0	0	0	0	-	0
ICIS	Y	PO	0	-	-	-	-	0
FED DRYCLEANERS	Y	.25	0	0	0	-	-	0
DELISTED FED DRY	Y	.25	0	0	0	-	-	0
FUDS	Y	1	0	0	0	0	0	0
MLTS	Y	PO	0	-	-	-	-	0
HIST MLTS	Y	PO	0	-	-	-	-	0
MINES	Y	.25	0	1	0	-	-	1
ALT FUELS	Y	.25	0	0	0	-	-	0
SUPERFUND ROD	Y	1	0	0	0	0	0	0
SSTS	Y	.25	0	0	0	-	-	0
PCB	Y	.5	0	0	0	0	-	0
State								
INSP COMP ENF	Y	1	0	0	0	0	1	1
CDL	Y	.125	0	0	-	-	-	0
SCH	Y	1	0	0	0	0	0	0
CHMIRS	Y	PO	0	-	-	-	-	0
SWAT	Y	.5	0	0	0	0	-	0
HAZNET	Y	PO	7	-	-	-	-	7
SWRCB SWF	Y	.5	0	0	0	0	-	0
HWSS CLEANUP	Y	.5	0	0	0	0	-	0
DTSC HWF	Y	.5	0	0	0	0	-	0
HIST MANIFEST	Y	PO	1	-	-	-	-	1
HIST CHMIRS	Y	PO	1	-	-	-	-	1
HIST CORTESE	Y	.5	0	0	0	0	-	0
CDO/CAO	Y	.5	0	0	0	0	-	0
DRYCLEANERS	Y	.25	0	0	0	-	-	0
DELISTED DRYC	Y	.25	0	0	0	-	-	0
WASTE DISCHG	Y	.25	0	0	0	-	-	0
EMISSIONS	Y	.25	4	2	3	-	-	9

Tribal ***No Tribal additional environmental record sources available for this State.***

County ***No County additional environmental databases were selected to be included in the search.***

Database	Searched	Search Radius	Project Property	Within 0.12mi	.125mi to 0.25mi	0.25mi to 0.50mi	0.50mi to 1.00mi	Total
Total:			21	8	35	15	15	94

**** PO – Property Only***
**** 'Property and adjoining properties' database search radii are set at 0.25 miles.***

Executive Summary: Site Report Summary - Project Property

Map Key	DB	Company/Site Name	Address	Direction	Distance (mi/ft)	Elev Diff (ft)	Page Number
1	SANMATEO CUPA	CALIFORNIA ROCK & ASPHALT INC	1 QUARRY BRISBANE CA 94005 ***Record ID | Status:*** *PR0036868 | Inactive CUPA Facility Listing, PR0011793 | Inactive CUPA Facility Listing, PR0034035 | Inactive CUPA Facility Listing, PR0022703 | Inactive CUPA Facility Listing*	-	0.00 / 0.00	-29	32
1	EMISSIONS	EBI AGGREGATES	#1 OLD QUARRY ROAD BRISBANE CA 94005	-	0.00 / 0.00	-29	32
1	EMISSIONS	CALIFORNIA ROCK & ASPHALT INC	#1 QUARRY ROAD BRISBANE CA 94005	-	0.00 / 0.00	-29	34
1	EMISSIONS	CALIFORNIA ROCK & ASPHALT INC	#1 OLD QUARRY ROAD BRISBANE CA 94005	-	0.00 / 0.00	-29	37
1	EMISSIONS	HAMILTON CREEK, LLC	#1 OLD QUARRY ROAD BRISBANE CA 94005	-	0.00 / 0.00	-29	38
1	FINDS/FRS	AMERICAN ROCK & ASPHALT	1 OLD QUARRY ROAD BRISBANE CA 94005	-	0.00 / 0.00	-29	40
1	FINDS/FRS	CALIFORNIA ROCK & ASPHALT INCORPORATED	1 OLD QUARRY ROAD BRISBANE CA 94005	-	0.00 / 0.00	-29	40
1	FINDS/FRS	GUADALUPE VALLEY QUARRY	NO 1 OLD QUARRY RD BRISBANE CA 94005	-	0.00 / 0.00	-29	41
1	FINDS/FRS	EBI AGGREGATES	#1 OLD QUARRY ROAD BRISBANE CA 94005	-	0.00 / 0.00	-29	41
1	FINDS/FRS	EVANS BROTHERS	1 OLD QUARRY RD BRISBANE CA 94005	-	0.00 / 0.00	-29	42
1	HIST CHMIRS		1 QUARRY ROAD BRISBANE CA	-	0.00 / 0.00	-29	43
1	HIST MANIFEST		1 OLD QUARRY RD BRISBANE CA 940800000	-	0.00 / 0.00	-29	43
1	SANMATEO LOP	AMERICAN ROCK & ASPHALT	1 OLD QUARRY RD BRISBANE CA ***Case No:*** *560002* ***Status:*** *9- Case Closed*	-	0.00 / 0.00	-29	44

Map Key	DB	Company/Site Name	Address	Direction	Distance (mi/ft)	Elev Diff (ft)	Page Number
1	LUST	AMERICAN ROCK & ASPHALT	1 OLD QUARRY ROAD BRISBANE CA 94005	-	0.00 / 0.00	-29	44
			Global ID | Status | Status Date: *T0608100018 | Completed - Case Closed | 1999-12-17 00:00:00*				
1	HAZNET	EBI AGGREGATES	1 OLD QUARRY RD BRISBANE CA 94005	-	0.00 / 0.00	-29	45
1	HAZNET	CALIFORNIA ROCK & ASPHALT, INC.	1 OLD QUARRY RD BRISBANE CA 940050000	-	0.00 / 0.00	-29	46
1	HAZNET	1X THE AMERICAN ROCK - ASPHALT	1 OLD QUARRY RD BRISBANE CA 940800000	-	0.00 / 0.00	-29	48
1	HAZNET	AMERICAN ROCK & ASPHALT	#1 OLD QUARRY RD BRISBANE CA 940050000	-	0.00 / 0.00	-29	49
1	HAZNET	KEHOE TRUCKING	1 QUARRY RD BRISBANE CA 94005	-	0.00 / 0.00	-29	49
1	HAZNET	AMERICAN ROCK & ASPHALT INC	1 OLD QUARRY ROAD BRISBANE CA 940050000	-	0.00 / 0.00	-29	50
1	HAZNET	CALIFORNIA ROCK AND ASPHALT	#1 OLD QUARRY RD BRISBANE CA 940050000	-	0.00 / 0.00	-29	50

Executive Summary: Site Report Summary - Surrounding Properties

Map Key	DB	Company/Site Name	Address	Direction	Distance (mi/ft)	Elev Diff (ft)	Page Number
2	MINES	EVANS BROTHERS INC	Brisbane CA	SSE	0.01 / 45.53	-23	51
3	DELISTED HAZ	DOLBY LABORATORIES	175 S HILL DR BRISBANE CA 94005	NNW	0.06 / 311.41	-67	140
3	EMISSIONS	DOLBY LABORATORIES INC	175 SO HILL DRIVE BRISBANE CA 94005	NNW	0.06 / 311.41	-67	140
3	EMISSIONS	BALZER/SHOPES INC	175 SO HILL DRIVE BRISBANE CA 94005	NNW	0.06 / 311.41	-67	146
3	RCRA SQG	BALZER SHOPES INC	175 S HILL DR BRISBANE CA 94005	NNW	0.06 / 311.41	-67	147
4	CERS HAZ	LEEMAH ELECTRONICS	155 SOUTH HILL DRIVE BRISBANE CA 94005	NE	0.09 / 470.63	-89	149
4	HHSS	CALIFORNIA STATE AUTOMOBILE	155 SOUTH HILL DRIVE BRISBANE CA 94005	NE	0.09 / 470.63	-89	152
4	HIST TANK	CALIFORNIA STATE AUTOMOBILE	155 SOUTH HILL DRIVE BRISBANE CA	NE	0.09 / 470.63	-89	152
5	HHSS	ESPRIT DE CORP	123 SOUTH HILL DRIVE BRISBANE CA 94005	E	0.14 / 716.35	-104	152
5	HIST TANK	ESPRITT DE CORP	123 SOUTH HILL DRIVE BRISBANE CA	E	0.14 / 716.35	-104	152
5	SANMATEO LOP	ESPRIT DISTRIBUTING CENTER	123 S HILL DR BRISBANE CA ***Case No:*** 560003 ***Status:*** 9- Case Closed	E	0.14 / 716.35	-104	152
5	LUST	ESPRIT DISTRIBUTING CENTER	123 SOUTH HILL DRIVE BRISBANE CA 94005 ***Global ID | Status | Status Date:*** T0608100200 | Completed - Case Closed | 1992-01-27 00:00:00	E	0.14 / 716.35	-104	152
6	SANMATEO CUPA	NORTH AMERICAN VAN LINES	485 VALLEY BRISBANE CA 94005	N	0.18 / 938.96	-99	153

Map Key	DB	Company/Site Name	Address	Direction	Distance (mi/ft)	Elev Diff (ft)	Page Number
			Record ID* | *Status: PR0022707 | Inactive CUPA Facility Listing				
6	SANMATEO CUPA	DHL FORWARDING	485 VALLEY BRISBANE CA 94005	N	0.18 / 938.96	-99	154
			Record ID* | *Status: PR0068629 | Inactive CUPA Facility Listing, PR0037689 | Inactive CUPA Facility Listing				
6	HHSS	NORTH AMERICAN VAN LINES	485 VALLEY DRIVE BRISBANE CA 94005	N	0.18 / 938.96	-99	154
6	HHSS	NORTH AMERICAN VAN LINES	485 VALLEY DRIVE BRISBANE CA 94005	N	0.18 / 938.96	-99	154
6	HIST TANK	NORTH AMERICAN VAN LINES	485 VALLEY DRIVE BRISBANE CA	N	0.18 / 938.96	-99	154
6	HIST TANK	NORTH AMERICAN VAN LINES	485 VALLEY DRIVE BRISBANE CA	N	0.18 / 938.96	-99	154
6	SANMATEO LOP	PRINCIPAL FINANCIAL GROUP	485 VALLEY DR BRISBANE CA	N	0.18 / 938.96	-99	154
			Case No: 560013 ***Status:*** 9- Case Closed				
6	LUST	PRINCIPAL FINANCIAL GROUP	485 VALLEY BRISBANE CA 94005	N	0.18 / 938.96	-99	155
			Global ID* | *Status* | *Status Date: T0608100408 | Completed - Case Closed | 1990-09-19 00:00:00				
7	SANMATEO CUPA	FRITO LAY INC	499 VALLEY BRISBANE CA 94005	N	0.19 / 997.70	-93	155
			Record ID* | *Status: PR0052813 | Active CUPA Facility Listing, PR0052814 | Active CUPA Facility Listing, PR0059855 | Active CUPA Facility Listing				
7	SANMATEO CUPA	BAY AREA FLEET MAINTENANCE	499 VALLEY BRISBANE CA 94005	N	0.19 / 997.70	-93	156
			Record ID* | *Status: PR0034511 | Inactive CUPA Facility Listing, PR0025305 | Inactive CUPA Facility Listing				
7	SANMATEO CUPA	CONSOLIDATED FREIGHTWAYS	499 VALLEY BRISBANE CA 94005	N	0.19 / 997.70	-93	156
			Record ID* | *Status: PR0040000 | Inactive CUPA Facility Listing, PR0022697 | Inactive CUPA Facility Listing, PR0032873 | Inactive CUPA Facility Listing				
7	HHSS	CONSOLIDATED FREIGHTWAYS	499 VALLEY DRIVE BRISBANE CA 94005	N	0.19 / 997.70	-93	156
7	HIST TANK	CONSOLIDATED FREIGHTWAYS	499 VALLEY DRIVE BRISBANE CA	N	0.19 / 997.70	-93	157
7	SANMATEO LOP	CONSOLIDATED FREIGHTWAYS	499 VALLEY DR BRISBANE CA	N	0.19 / 997.70	-93	157
			Case No: 560010 ***Status:*** 9- Case Closed				

Map Key	DB	Company/Site Name	Address	Direction	Distance (mi/ft)	Elev Diff (ft)	Page Number
7	LUST	CONSOLIDATED FREIGHTWAYS	499 VALLEY BRISBANE CA 94005	N	0.19 / 997.70	-93	157
			***Global ID*	*Status*	*Status Date:*** T0608100169	Completed - Case Closed	2002-09-13 00:00:00				
8	SANMATEO CUPA	DISPLAY WORKS	470 VALLEY BRISBANE CA 94005	NNE	0.19 / 998.85	-110	158
			***Record ID*	*Status:*** PR0042889	Inactive CUPA Facility Listing, PR0037681	Inactive CUPA Facility Listing					
8	SANMATEO CUPA	DANGER PRODUCTIONS	470 VALLEY BRISBANE CA 94005	NNE	0.19 / 998.85	-110	158
			***Record ID*	*Status:*** PR0025223	Inactive CUPA Facility Listing						
8	SANMATEO CUPA	CA STATE TEACHERS RETIREMENT SYSTEM	470 VALLEY BRISBANE CA 94005	NNE	0.19 / 998.85	-110	158
			***Record ID*	*Status:*** PR0025542	Inactive CUPA Facility Listing						
9	SANMATEO CUPA	MAYDELL & HARTZELL INC	480 VALLEY BRISBANE CA 94005	N	0.19 / 1,005.42	-97	159
			***Record ID*	*Status:*** PR0022695	Inactive CUPA Facility Listing						
9	HHSS	MAYDWELL AND HARTZELL INC	480 VALLEY DRIVE BRISBANE CA 94005	N	0.19 / 1,005.42	-97	159
9	HIST TANK	MAYDWELL & HARTZELL, INC.	480 VALLEY DRIVE BRISBANE CA	N	0.19 / 1,005.42	-97	159
10	CERS TANK	Sprint Brisbane Switch	1 W HILL DR BRISBANE CA 94005-1220	N	0.20 / 1,052.03	-90	159
10	EMISSIONS	SPRINT	1 W HILL DRIVE BRISBANE CA 94005	N	0.20 / 1,052.03	-90	164
10	EMISSIONS	SPRINT, ENVRN HEALTH & SAFETY	1 W HILL DRIVE BRISBANE CA 94005	N	0.20 / 1,052.03	-90	165
11	SANMATEO CUPA	STAR GRAPHICS INC	455 VALLEY BRISBANE CA 94005	NNE	0.20 / 1,071.44	-120	168
			***Record ID*	*Status:*** PR0025201	Inactive CUPA Facility Listing, PR0022196	Inactive CUPA Facility Listing					
11	SANMATEO LOP	UNITED STATIONERS SUPPLY CO	455 VALLEY DR BRISBANE CA	NNE	0.20 / 1,071.44	-120	168
			Case No: 560014 ***Status:*** 9- Case Closed				
11	LUST	UNITED STATIONERS SUPPLY CO	455 VALLEY BRISBANE CA 94005	NNE	0.20 / 1,071.44	-120	168
			***Global ID*	*Status*	*Status Date:*** T0608100561	Completed - Case Closed	1993-04-06 00:00:00				
11	RCRA SQG	GOLDEN STATE FC LLC (SJC9)	455 VALLEY DR BRISBANE CA 94005	NNE	0.20 / 1,071.44	-120	169

Map Key	DB	Company/Site Name	Address	Direction	Distance (mi/ft)	Elev Diff (ft)	Page Number
12	SANMATEO CUPA	GEORGE LITHOGRAPH INC	460 VALLEY BRISBANE CA 94005	NE	0.22 / 1,161.93	-122	175
			***Record ID	Status:*** PR0037031	Inactive CUPA Facility Listing, PR0025505	Inactive CUPA Facility Listing				
12	EMISSIONS	GEORGE LITHOGRAPH	460 VALLEY DRIVE BRISBANE CA 94005	NE	0.22 / 1,161.93	-122	176
13	SANMATEO CUPA	EVANS BROTHERS	1 OLD QUARRY BRISBANE CA 94005	ESE	0.25 / 1,318.56	-92	179
			***Record ID	Status:*** PR0054358	Active CUPA Facility Listing, PR0060218	Active CUPA Facility Listing, PR0054357	Inactive CUPA Facility Listing, PR0054359	Active CUPA Facility Listing, PR0065659	Active CUPA Facility Listing				
14	SANMATEO LOP	BOISE CASCADE CORP	435 VALLEY DR BRISBANE CA	ENE	0.25 / 1,331.98	-144	180
			Case No: 560001 ***Status:*** 9- Case Closed				
14	LUST	BOISE CASCADE CORP	435 VALLEY BRISBANE CA 94005	ENE	0.25 / 1,331.98	-144	180
			***Global ID	Status	Status Date:*** T0608100227	Completed - Case Closed	1993-04-23 00:00:00				
15	CLEANUP SITES	Coca-Cola	99 S. Hill Drive Brisbane CA 94005	E	0.26 / 1,358.31	-145	181
16	SANMATEO LOP	SIERRA NATURAL FOODS	440 VALLEY DR BRISBANE CA	NE	0.26 / 1,377.19	-141	182
			Case No: 560020 ***Status:*** 9- Case Closed				
16	LUST	SIERRA NATURAL FOODS	440 VALLEY BRISBANE CA 94005	NE	0.26 / 1,377.19	-141	182
			***Global ID	Status	Status Date:*** T0608100496	Completed - Case Closed	1997-01-13 00:00:00				
17	SANMATEO LOP	JALCO	427 VALLEY DR BRISBANE CA	ENE	0.26 / 1,382.74	-153	183
			Case No: 560018 ***Status:*** 9- Case Closed				
17	LUST	JALCO	427 VALLEY BRISBANE CA 95004	ENE	0.26 / 1,382.74	-153	183
			***Global ID	Status	Status Date:*** T0608100284	Completed - Case Closed	1995-07-31 00:00:00				
18	SANMATEO LOP	FRITO LAY	151 W HILL DR BRISBANE CA	N	0.27 / 1,428.84	-84	184
			Case No: 560027 ***Status:*** 9- Case Closed				
18	LUST	FRITO LAY	151 WEST HILL DRIVE BRISBANE CA 94005	N	0.27 / 1,428.84	-84	184
			***Global ID	Status	Status Date:*** T0608100919	Completed - Case Closed	2001-02-20 00:00:00				
19	SANMATEO LOP	SANTA CRUZ IMPORTS	385 VALLEY DR BRISBANE CA	E	0.39 / 2,061.25	-178	185
			Case No: 560019 ***Status:*** 9- Case Closed				

Map Key	DB	Company/Site Name	Address	Direction	Distance (mi/ft)	Elev Diff (ft)	Page Number
19	LUST	SANTA CRUZ IMPORTS	385 VALLEY BRISBANE CA 94005	E	0.39 / 2,061.25	-178	186
			Global ID* | *Status* | *Status Date: T0608100306 | Completed - Case Closed | 1993-04-06 00:00:00				
20	CLEANUP SITES	HIEDELBURG WEST	355 VALLEY BRISBANE CA 94005	E	0.45 / 2,385.10	-186	186
20	SANMATEO LOP	HIEDELBURG WEST	355 VALLEY DR BRISBANE CA ***Case No:*** 560007 ***Status:*** 9- Case Closed	E	0.45 / 2,385.10	-186	192
20	SANMATEO LOP	HIEDELBURG WEST	355 VALLEY DR BRISBANE CA ***Case No:*** 569001 ***Status:*** 7- Remedial Action Underway	E	0.45 / 2,385.10	-186	192
20	LUST	HIEDELBURG WEST	355 VALLEY BRISBANE CA 94005	E	0.45 / 2,385.10	-186	192
			Global ID* | *Status* | *Status Date: T0608100254 | Completed - Case Closed | 1995-11-28 00:00:00				
21	ENVIROSTOR	QUICKSILVER PRODUCTS INC	200 VALLEY DR BRISBANE CA 940050000 ***Estor/EPA ID:*** CAD981424732	E	0.68 / 3,589.17	-211	193
21	ENVIROSTOR	QUICKSILVER PRODUCTS INC	200 VALLEY DR BRISBANE CA 940050000 ***Estor/EPA ID:*** 80001472	E	0.68 / 3,589.17	-211	195
21	HWP	QUICKSILVER PRODUCTS INC	200 VALLEY DR BRISBANE CA 940050000	E	0.68 / 3,589.17	-211	197
21	INSP COMP ENF	QUICKSILVER PRODUCTS INC	200 VALLEY DR BRISBANE CA 94005	E	0.68 / 3,589.17	-211	198
22	RCRA CORRACTS	QUICKSILVER PRODUCTS INC	200 VALLEY DR STE 1 BRISBANE CA 94005	E	0.75 / 3,938.87	-212	199
23	ENVIROSTOR	QUICKSILVER PRODUCTS, INC	200 VALLEY DR BRISBANE CA 94005 ***Estor/EPA ID:*** 41280138	E	0.78 / 4,115.42	-209	231
23	RESPONSE	QUICKSILVER PRODUCTS, INC	200 VALLEY DR BRISBANE CA 94005 ***ESTOR EPA ID:*** 41280138	E	0.78 / 4,115.42	-209	233
24	ENVIROSTOR	SOUTHERN PACIFIC - BRISBANE (OU-2)	GENEVA AVENUE AND BAYSHORE BOULEVARD BRISBANE CA 94005 ***Estor/EPA ID:*** 41490054	ENE	0.86 / 4,561.61	-38	235
24	RESPONSE	SOUTHERN PACIFIC - BRISBANE (OU-2)	GENEVA AVENUE AND BAYSHORE BOULEVARD BRISBANE CA 94005	ENE	0.86 / 4,561.61	-38	236

Map Key	DB	Company/Site Name	Address	Direction	Distance (mi/ft)	Elev Diff (ft)	Page Number
			ESTOR EPA ID: 41490054				
25	ENVIROSTOR	FORMER MIDWAY VILLAGE - (J09CA1013)	PRIMARY STREETS ARE SCHWERIN AND MARTIN STREETS, AND MIDWAY DRIVE DALY CITY CA 94015 ***Estor/EPA ID:*** 60001493	NNE	0.95 / 5,008.34	-194	237
25	ENVIROSTOR	MIDWAY VILLAGE	47 MIDWAY DRIVE DALY CITY CA 94014 ***Estor/EPA ID:*** 41650007	NNE	0.95 / 5,008.34	-194	238
25	RESPONSE	MIDWAY VILLAGE	47 MIDWAY DRIVE DALY CITY CA 94014 ***ESTOR EPA ID:*** 41650007	NNE	0.95 / 5,008.34	-194	253
26	ENVIROSTOR	SOUTH LEVINSON PARCEL	MAIN STREET & BAYSHORE BOULEVARD BRISBANE CA 94014 ***Estor/EPA ID:*** 41990004	NE	0.96 / 5,064.57	-206	272
27	ENVIROSTOR	BAYSHORE PARK	47 MIDWAY DRIVE DALY CITY CA 94014 ***Estor/EPA ID:*** 41990001	NNE	0.99 / 5,240.72	-203	273
27	RESPONSE	BAYSHORE PARK	47 MIDWAY DRIVE DALY CITY CA 94014 ***ESTOR EPA ID:*** 41990001	NNE	0.99 / 5,240.72	-203	283

Executive Summary: Summary by Data Source

Standard

Federal

RCRA CORRACTS - RCRA CORRACTS-Corrective Action

A search of the RCRA CORRACTS database, dated Jan 24, 2018 has found that there are 1 RCRA CORRACTS site(s) within approximately 1.00 miles of the project property.

Lower Elevation	Address	Direction	Distance (mi/ft)	Map Key
QUICKSILVER PRODUCTS INC	200 VALLEY DR STE 1 BRISBANE CA 94005	E	0.75 / 3,938.87	22

RCRA SQG - RCRA Small Quantity Generators List

A search of the RCRA SQG database, dated Jan 24, 2018 has found that there are 2 RCRA SQG site(s) within approximately 0.25 miles of the project property.

Lower Elevation	Address	Direction	Distance (mi/ft)	Map Key
BALZER SHOPES INC	175 S HILL DR BRISBANE CA 94005	NNW	0.06 / 311.41	3
GOLDEN STATE FC LLC (SJC9)	455 VALLEY DR BRISBANE CA 94005	NNE	0.20 / 1,071.44	11

State

RESPONSE - State Response Sites

A search of the RESPONSE database, dated Apr 18, 2018 has found that there are 4 RESPONSE site(s) within approximately 1.00 miles of the project property.

Lower Elevation	Address	Direction	Distance (mi/ft)	Map Key
QUICKSILVER PRODUCTS, INC	200 VALLEY DR BRISBANE CA 94005 ***ESTOR EPA ID**: 41280138*	E	0.78 / 4,115.42	23
SOUTHERN PACIFIC - BRISBANE (OU-2)	GENEVA AVENUE AND BAYSHORE BOULEVARD BRISBANE CA 94005 ***ESTOR EPA ID**: 41490054*	ENE	0.86 / 4,561.61	24
MIDWAY VILLAGE	47 MIDWAY DRIVE DALY CITY CA 94014 ***ESTOR EPA ID**: 41650007*	NNE	0.95 / 5,008.34	25

Lower Elevation	Address	Direction	Distance (mi/ft)	Map Key
BAYSHORE PARK	47 MIDWAY DRIVE DALY CITY CA 94014 ***ESTOR EPA ID**: 41990001*	NNE	0.99 / 5,240.72	27

ENVIROSTOR - EnviroStor Database

A search of the ENVIROSTOR database, dated Feb 26, 2018 has found that there are 8 ENVIROSTOR site(s) within approximately 1.00 miles of the project property.

Lower Elevation	Address	Direction	Distance (mi/ft)	Map Key
QUICKSILVER PRODUCTS INC	200 VALLEY DR BRISBANE CA 940050000 ***Estor/EPA ID**: 80001472*	E	0.68 / 3,589.17	21
QUICKSILVER PRODUCTS INC	200 VALLEY DR BRISBANE CA 940050000 ***Estor/EPA ID**: CAD981424732*	E	0.68 / 3,589.17	21
QUICKSILVER PRODUCTS, INC	200 VALLEY DR BRISBANE CA 94005 ***Estor/EPA ID**: 41280138*	E	0.78 / 4,115.42	23
SOUTHERN PACIFIC - BRISBANE (OU-2)	GENEVA AVENUE AND BAYSHORE BOULEVARD BRISBANE CA 94005 ***Estor/EPA ID**: 41490054*	ENE	0.86 / 4,561.61	24
FORMER MIDWAY VILLAGE - (J09CA1013)	PRIMARY STREETS ARE SCHWERIN AND MARTIN STREETS, AND MIDWAY DRIVE DALY CITY CA 94015 ***Estor/EPA ID**: 60001493*	NNE	0.95 / 5,008.34	25
MIDWAY VILLAGE	47 MIDWAY DRIVE DALY CITY CA 94014 ***Estor/EPA ID**: 41650007*	NNE	0.95 / 5,008.34	25
SOUTH LEVINSON PARCEL	MAIN STREET & BAYSHORE BOULEVARD BRISBANE CA 94014 ***Estor/EPA ID**: 41990004*	NE	0.96 / 5,064.57	26
BAYSHORE PARK	47 MIDWAY DRIVE DALY CITY CA 94014 ***Estor/EPA ID**: 41990001*	NNE	0.99 / 5,240.72	27

HWP - EnviroStor Hazardous Waste Facilities

A search of the HWP database, dated Jan 30, 2018 has found that there are 1 HWP site(s) within approximately 1.00 miles of the project property.

Lower Elevation	Address	Direction	Distance (mi/ft)	Map Key
QUICKSILVER PRODUCTS INC	200 VALLEY DR BRISBANE CA 940050000	E	0.68 / 3,589.17	21

Lower Elevation	Address	Direction	Distance (mi/ft)	Map Key

LUST - Leaking Underground Fuel Tank Reports

A search of the LUST database, dated Apr 3, 2018 has found that there are 11 LUST site(s) within approximately 0.50 miles of the project property.

Lower Elevation	Address	Direction	Distance (mi/ft)	Map Key
AMERICAN ROCK & ASPHALT	1 OLD QUARRY ROAD BRISBANE CA 94005	-	0.00 / 0.00	1
	Global ID* | *Status* | *Status Date: *T0608100018* | *Completed - Case Closed* | *1999-12-17 00:00:00*			
ESPRIT DISTRIBUTING CENTER	123 SOUTH HILL DRIVE BRISBANE CA 94005	E	0.14 / 716.35	5
	Global ID* | *Status* | *Status Date: *T0608100200* | *Completed - Case Closed* | *1992-01-27 00:00:00*			
PRINCIPAL FINANCIAL GROUP	485 VALLEY BRISBANE CA 94005	N	0.18 / 938.96	6
	Global ID* | *Status* | *Status Date: *T0608100408* | *Completed - Case Closed* | *1990-09-19 00:00:00*			
CONSOLIDATED FREIGHTWAYS	499 VALLEY BRISBANE CA 94005	N	0.19 / 997.70	7
	Global ID* | *Status* | *Status Date: *T0608100169* | *Completed - Case Closed* | *2002-09-13 00:00:00*			
UNITED STATIONERS SUPPLY CO	455 VALLEY BRISBANE CA 94005	NNE	0.20 / 1,071.44	11
	Global ID* | *Status* | *Status Date: *T0608100561* | *Completed - Case Closed* | *1993-04-06 00:00:00*			
BOISE CASCADE CORP	435 VALLEY BRISBANE CA 94005	ENE	0.25 / 1,331.98	14
	Global ID* | *Status* | *Status Date: *T0608100227* | *Completed - Case Closed* | *1993-04-23 00:00:00*			
SIERRA NATURAL FOODS	440 VALLEY BRISBANE CA 94005	NE	0.26 / 1,377.19	16
	Global ID* | *Status* | *Status Date: *T0608100496* | *Completed - Case Closed* | *1997-01-13 00:00:00*			
JALCO	427 VALLEY BRISBANE CA 95004	ENE	0.26 / 1,382.74	17
	Global ID* | *Status* | *Status Date: *T0608100284* | *Completed - Case Closed* | *1995-07-31 00:00:00*			
FRITO LAY	151 WEST HILL DRIVE BRISBANE CA 94005	N	0.27 / 1,428.84	18
	Global ID* | *Status* | *Status Date: *T0608100919* | *Completed - Case Closed* | *2001-02-20 00:00:00*			
SANTA CRUZ IMPORTS	385 VALLEY BRISBANE CA 94005	E	0.39 / 2,061.25	19
	Global ID* | *Status* | *Status Date: *T0608100306* | *Completed - Case Closed* | *1993-04-06 00:00:00*			
HIEDELBURG WEST	355 VALLEY BRISBANE CA 94005	E	0.45 / 2,385.10	20
	Global ID* | *Status* | *Status Date: *T0608100254* | *Completed - Case Closed* | *1995-11-28 00:00:00*			

HHSS - Historical Hazardous Substance Storage Information Database

A search of the HHSS database, dated Aug 27, 2015 has found that there are 6 HHSS site(s) within approximately 0.25 miles of the project property.

Lower Elevation	Address	Direction	Distance (mi/ft)	Map Key
CALIFORNIA STATE AUTOMOBILE	155 SOUTH HILL DRIVE BRISBANE CA 94005	NE	0.09 / 470.63	4
ESPRIT DE CORP	123 SOUTH HILL DRIVE BRISBANE CA 94005	E	0.14 / 716.35	5
NORTH AMERICAN VAN LINES	485 VALLEY DRIVE BRISBANE CA 94005	N	0.18 / 938.96	6
NORTH AMERICAN VAN LINES	485 VALLEY DRIVE BRISBANE CA 94005	N	0.18 / 938.96	6
CONSOLIDATED FREIGHTWAYS	499 VALLEY DRIVE BRISBANE CA 94005	N	0.19 / 997.70	7
MAYDWELL AND HARTZELL INC	480 VALLEY DRIVE BRISBANE CA 94005	N	0.19 / 1,005.42	9

CERS TANK - California Environmental Reporting System (CERS) Tanks

A search of the CERS TANK database, dated Mar 22, 2018 has found that there are 1 CERS TANK site(s) within approximately 0.25 miles of the project property.

Lower Elevation	Address	Direction	Distance (mi/ft)	Map Key
Sprint Brisbane Switch	1 W HILL DR BRISBANE CA 94005-1220	N	0.20 / 1,052.03	10

DELISTED HAZ - Delisted Environmental Reporting System (CERS) Hazardous Waste Sites

A search of the DELISTED HAZ database, dated Mar 22, 2018 has found that there are 1 DELISTED HAZ site(s) within approximately 0.50 miles of the project property.

Lower Elevation	Address	Direction	Distance (mi/ft)	Map Key
DOLBY LABORATORIES	175 S HILL DR BRISBANE CA 94005	NNW	0.06 / 311.41	3

CLEANUP SITES - GeoTracker Cleanup Sites Data

A search of the CLEANUP SITES database, dated Apr 3, 2018 has found that there are 2 CLEANUP SITES site(s) within

approximately 0.50 miles of the project property.

Lower Elevation	Address	Direction	Distance (mi/ft)	Map Key
Coca-Cola	99 S. Hill Drive Brisbane CA 94005	E	0.26 / 1,358.31	15
HIEDELBURG WEST	355 VALLEY BRISBANE CA 94005	E	0.45 / 2,385.10	20

CERS HAZ - California Environmental Reporting System (CERS) Hazardous Waste Sites

A search of the CERS HAZ database, dated Mar 22, 2018 has found that there are 1 CERS HAZ site(s) within approximately 0.12 miles of the project property.

Lower Elevation	Address	Direction	Distance (mi/ft)	Map Key
LEEMAH ELECTRONICS	155 SOUTH HILL DRIVE BRISBANE CA 94005	NE	0.09 / 470.63	4

HIST TANK - Historical Hazardous Substance Storage Container Information - Facility Summary

A search of the HIST TANK database, dated May 27, 1988 has found that there are 6 HIST TANK site(s) within approximately 0.25 miles of the project property.

Lower Elevation	Address	Direction	Distance (mi/ft)	Map Key
CALIFORNIA STATE AUTOMOBILE	155 SOUTH HILL DRIVE BRISBANE CA	NE	0.09 / 470.63	4
ESPRITT DE CORP	123 SOUTH HILL DRIVE BRISBANE CA	E	0.14 / 716.35	5
NORTH AMERICAN VAN LINES	485 VALLEY DRIVE BRISBANE CA	N	0.18 / 938.96	6
NORTH AMERICAN VAN LINES	485 VALLEY DRIVE BRISBANE CA	N	0.18 / 938.96	6
CONSOLIDATED FREIGHTWAYS	499 VALLEY DRIVE BRISBANE CA	N	0.19 / 997.70	7
MAYDWELL & HARTZELL, INC.	480 VALLEY DRIVE BRISBANE CA	N	0.19 / 1,005.42	9

County

SANMATEO CUPA - San Mateo County CUPA Facilities List

A search of the SANMATEO CUPA database, dated May 21, 2018 has found that there are 13 SANMATEO CUPA site(s) within approximately 0.25 miles of the project property.

Lower Elevation	Address	Direction	Distance (mi/ft)	Map Key
CALIFORNIA ROCK & ASPHALT INC	1 QUARRY BRISBANE CA 94005	-	0.00 / 0.00	1
	***Record ID | Status**: PR0036868 | Inactive CUPA Facility Listing, PR0011793 | Inactive CUPA Facility Listing, PR0034035 | Inactive CUPA Facility Listing, PR0022703 | Inactive CUPA Facility Listing*			
DHL FORWARDING	485 VALLEY BRISBANE CA 94005	N	0.18 / 938.96	6
	***Record ID | Status**: PR0068629 | Inactive CUPA Facility Listing, PR0037689 | Inactive CUPA Facility Listing*			
NORTH AMERICAN VAN LINES	485 VALLEY BRISBANE CA 94005	N	0.18 / 938.96	6
	***Record ID | Status**: PR0022707 | Inactive CUPA Facility Listing*			
CONSOLIDATED FREIGHTWAYS	499 VALLEY BRISBANE CA 94005	N	0.19 / 997.70	7
	***Record ID | Status**: PR0040000 | Inactive CUPA Facility Listing, PR0022697 | Inactive CUPA Facility Listing, PR0032873 | Inactive CUPA Facility Listing*			
BAY AREA FLEET MAINTENANCE	499 VALLEY BRISBANE CA 94005	N	0.19 / 997.70	7
	***Record ID | Status**: PR0034511 | Inactive CUPA Facility Listing, PR0025305 | Inactive CUPA Facility Listing*			
FRITO LAY INC	499 VALLEY BRISBANE CA 94005	N	0.19 / 997.70	7
	***Record ID | Status**: PR0052813 | Active CUPA Facility Listing, PR0052814 | Active CUPA Facility Listing, PR0059855 | Active CUPA Facility Listing*			
DANGER PRODUCTIONS	470 VALLEY BRISBANE CA 94005	NNE	0.19 / 998.85	8
	***Record ID | Status**: PR0025223 | Inactive CUPA Facility Listing*			
CA STATE TEACHERS RETIREMENT SYSTEM	470 VALLEY BRISBANE CA 94005	NNE	0.19 / 998.85	8
	***Record ID | Status**: PR0025542 | Inactive CUPA Facility Listing*			
DISPLAY WORKS	470 VALLEY BRISBANE CA 94005	NNE	0.19 / 998.85	8
	***Record ID | Status**: PR0042889 | Inactive CUPA Facility Listing, PR0037681 | Inactive CUPA Facility Listing*			
MAYDELL & HARTZELL INC	480 VALLEY BRISBANE CA 94005	N	0.19 / 1,005.42	9
	***Record ID | Status**: PR0022695 | Inactive CUPA Facility Listing*			
STAR GRAPHICS INC	455 VALLEY BRISBANE CA 94005	NNE	0.20 / 1,071.44	11
	***Record ID | Status**: PR0025201 | Inactive CUPA Facility Listing, PR0022196 | Inactive CUPA Facility Listing*			

Lower Elevation	Address	Direction	Distance (mi/ft)	Map Key
GEORGE LITHOGRAPH INC	460 VALLEY BRISBANE CA 94005	NE	0.22 / 1,161.93	12
	***Record ID | Status**: PR0037031 | Inactive CUPA Facility Listing, PR0025505 | Inactive CUPA Facility Listing*			
EVANS BROTHERS	1 OLD QUARRY BRISBANE CA 94005	ESE	0.25 / 1,318.56	13
	***Record ID | Status**: PR0054358 | Active CUPA Facility Listing, PR0060218 | Active CUPA Facility Listing, PR0054357 | Inactive CUPA Facility Listing, PR0054359 | Active CUPA Facility Listing, PR0065659 | Active CUPA Facility Listing*			

SANMATEO LOP - San Mateo County LOP List

A search of the SANMATEO LOP database, dated Jan 3, 2018 has found that there are 12 SANMATEO LOP site(s) within approximately 0.50 miles of the project property.

Lower Elevation	Address	Direction	Distance (mi/ft)	Map Key
AMERICAN ROCK & ASPHALT	1 OLD QUARRY RD BRISBANE CA	-	0.00 / 0.00	1
	***Case No**: 560002* ***Status**: 9- Case Closed*			
ESPRIT DISTRIBUTING CENTER	123 S HILL DR BRISBANE CA	E	0.14 / 716.35	5
	***Case No**: 560003* ***Status**: 9- Case Closed*			
PRINCIPAL FINANCIAL GROUP	485 VALLEY DR BRISBANE CA	N	0.18 / 938.96	6
	***Case No**: 560013* ***Status**: 9- Case Closed*			
CONSOLIDATED FREIGHTWAYS	499 VALLEY DR BRISBANE CA	N	0.19 / 997.70	7
	***Case No**: 560010* ***Status**: 9- Case Closed*			
UNITED STATIONERS SUPPLY CO	455 VALLEY DR BRISBANE CA	NNE	0.20 / 1,071.44	11
	***Case No**: 560014* ***Status**: 9- Case Closed*			
BOISE CASCADE CORP	435 VALLEY DR BRISBANE CA	ENE	0.25 / 1,331.98	14
	***Case No**: 560001* ***Status**: 9- Case Closed*			
SIERRA NATURAL FOODS	440 VALLEY DR BRISBANE CA	NE	0.26 / 1,377.19	16
	***Case No**: 560020* ***Status**: 9- Case Closed*			
JALCO	427 VALLEY DR BRISBANE CA	ENE	0.26 / 1,382.74	17
	***Case No**: 560018* ***Status**: 9- Case Closed*			

Lower Elevation	Address	Direction	Distance (mi/ft)	Map Key
FRITO LAY	151 W HILL DR BRISBANE CA ***Case No**: 560027* ***Status**: 9- Case Closed*	N	0.27 / 1,428.84	18
SANTA CRUZ IMPORTS	385 VALLEY DR BRISBANE CA ***Case No**: 560019* ***Status**: 9- Case Closed*	E	0.39 / 2,061.25	19
HIEDELBURG WEST	355 VALLEY DR BRISBANE CA ***Case No**: 560007* ***Status**: 9- Case Closed*	E	0.45 / 2,385.10	20
HIEDELBURG WEST	355 VALLEY DR BRISBANE CA ***Case No**: 569001* ***Status**: 7- Remedial Action Underway*	E	0.45 / 2,385.10	20

Non Standard

Federal

FINDS/FRS - Facility Registry Service/Facility Index

A search of the FINDS/FRS database, dated Apr 17, 2018 has found that there are 5 FINDS/FRS site(s) within approximately 0.02 miles of the project property.

Lower Elevation	Address	Direction	Distance (mi/ft)	Map Key
EVANS BROTHERS	1 OLD QUARRY RD BRISBANE CA 94005	-	0.00 / 0.00	1
GUADALUPE VALLEY QUARRY	NO 1 OLD QUARRY RD BRISBANE CA 94005	-	0.00 / 0.00	1
CALIFORNIA ROCK & ASPHALT INCORPORATED	1 OLD QUARRY ROAD BRISBANE CA 94005	-	0.00 / 0.00	1
AMERICAN ROCK & ASPHALT	1 OLD QUARRY ROAD BRISBANE CA 94005	-	0.00 / 0.00	1
EBI AGGREGATES	#1 OLD QUARRY ROAD BRISBANE CA 94005	-	0.00 / 0.00	1

MINES - Mines Master Index File

A search of the MINES database, dated Jul 31, 2017 has found that there are 1 MINES site(s) within approximately 0.25 miles of the project property.

Lower Elevation	Address	Direction	Distance (mi/ft)	Map Key
EVANS BROTHERS INC	Brisbane CA	SSE	0.01 / 45.53	2

State

INSP COMP ENF - EnviroStor Inspection, Compliance, and Enforcement

A search of the INSP COMP ENF database, dated Nov 24, 2017 has found that there are 1 INSP COMP ENF site(s) within approximately 1.00 miles of the project property.

Lower Elevation	Address	Direction	Distance (mi/ft)	Map Key
QUICKSILVER PRODUCTS INC	200 VALLEY DR BRISBANE CA 94005	E	0.68 / 3,589.17	21

HAZNET - Hazardous Waste Manifest Data

A search of the HAZNET database, dated Oct 24, 2016 has found that there are 7 HAZNET site(s) within approximately 0.02 miles of the project property.

Lower Elevation	Address	Direction	Distance (mi/ft)	Map Key
KEHOE TRUCKING	1 QUARRY RD BRISBANE CA 94005	-	0.00 / 0.00	1
CALIFORNIA ROCK AND ASPHALT	#1 OLD QUARRY RD BRISBANE CA 940050000	-	0.00 / 0.00	1
AMERICAN ROCK & ASPHALT INC	1 OLD QUARRY ROAD BRISBANE CA 940050000	-	0.00 / 0.00	1
AMERICAN ROCK & ASPHALT	#1 OLD QUARRY RD BRISBANE CA 940050000	-	0.00 / 0.00	1
EBI AGGREGATES	1 OLD QUARRY RD BRISBANE CA 94005	-	0.00 / 0.00	1
CALIFORNIA ROCK & ASPHALT, INC.	1 OLD QUARRY RD BRISBANE CA 940050000	-	0.00 / 0.00	1
1X THE AMERICAN ROCK - ASPHALT	1 OLD QUARRY RD BRISBANE CA 940800000	-	0.00 / 0.00	1

HIST MANIFEST - Historical Hazardous Waste Manifest Data

A search of the HIST MANIFEST database, dated Dec 31, 1992 has found that there are 1 HIST MANIFEST site(s) within approximately 0.02 miles of the project property.

Lower Elevation	Address	Direction	Distance (mi/ft)	Map Key
	1 OLD QUARRY RD BRISBANE CA 940800000	-	0.00 / 0.00	1

HIST CHMIRS - Historical California Hazardous Material Incident Report System (CHMIRS)

A search of the HIST CHMIRS database, dated Jan 1, 1993 has found that there are 1 HIST CHMIRS site(s) within approximately 0.02 miles of the project property.

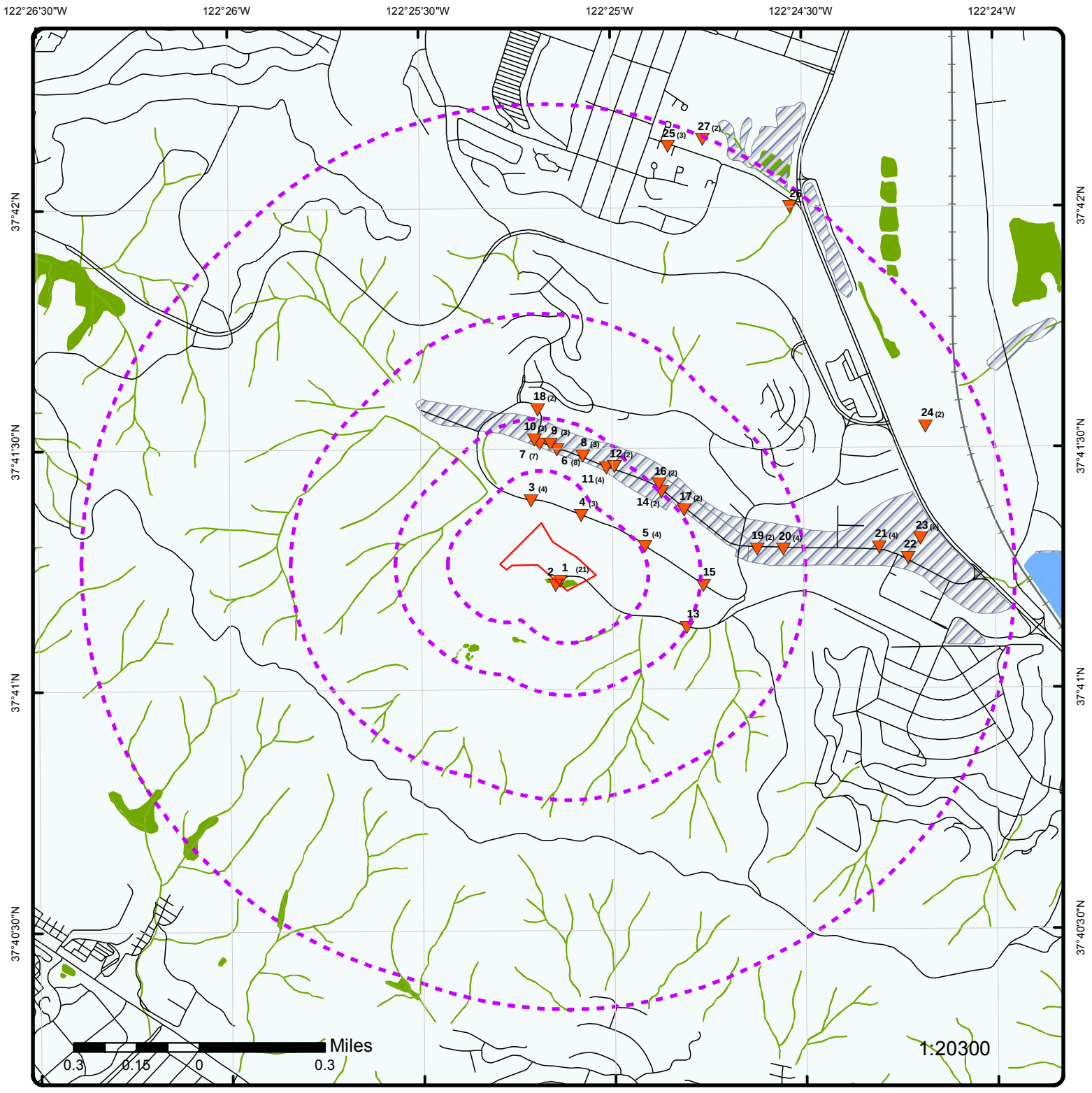
Lower Elevation	Address	Direction	Distance (mi/ft)	Map Key
	1 QUARRY ROAD BRISBANE CA	-	0.00 / 0.00	1

EMISSIONS - Toxic Pollutant Emissions Facilities

A search of the EMISSIONS database, dated Dec 31, 2015 has found that there are 9 EMISSIONS site(s) within approximately 0.25 miles of the project property.

Lower Elevation	Address	Direction	Distance (mi/ft)	Map Key
HAMILTON CREEK, LLC	#1 OLD QUARRY ROAD BRISBANE CA 94005	-	0.00 / 0.00	1
CALIFORNIA ROCK & ASPHALT INC	#1 OLD QUARRY ROAD BRISBANE CA 94005	-	0.00 / 0.00	1
EBI AGGREGATES	#1 OLD QUARRY ROAD BRISBANE CA 94005	-	0.00 / 0.00	1
CALIFORNIA ROCK & ASPHALT INC	#1 QUARRY ROAD BRISBANE CA 94005	-	0.00 / 0.00	1
BALZER/SHOPES INC	175 SO HILL DRIVE BRISBANE CA 94005	NNW	0.06 / 311.41	3
DOLBY LABORATORIES INC	175 SO HILL DRIVE BRISBANE CA 94005	NNW	0.06 / 311.41	3
SPRINT, ENVRN HEALTH & SAFETY	1 W HILL DRIVE BRISBANE CA 94005	N	0.20 / 1,052.03	10

Lower Elevation	Address	Direction	Distance (mi/ft)	Map Key
SPRINT	1 W HILL DRIVE BRISBANE CA 94005	N	0.20 / 1,052.03	10
GEORGE LITHOGRAPH	460 VALLEY DRIVE BRISBANE CA 94005	NE	0.22 / 1,161.93	12



Map : 1 Mile Radius

Order No: 20180531084

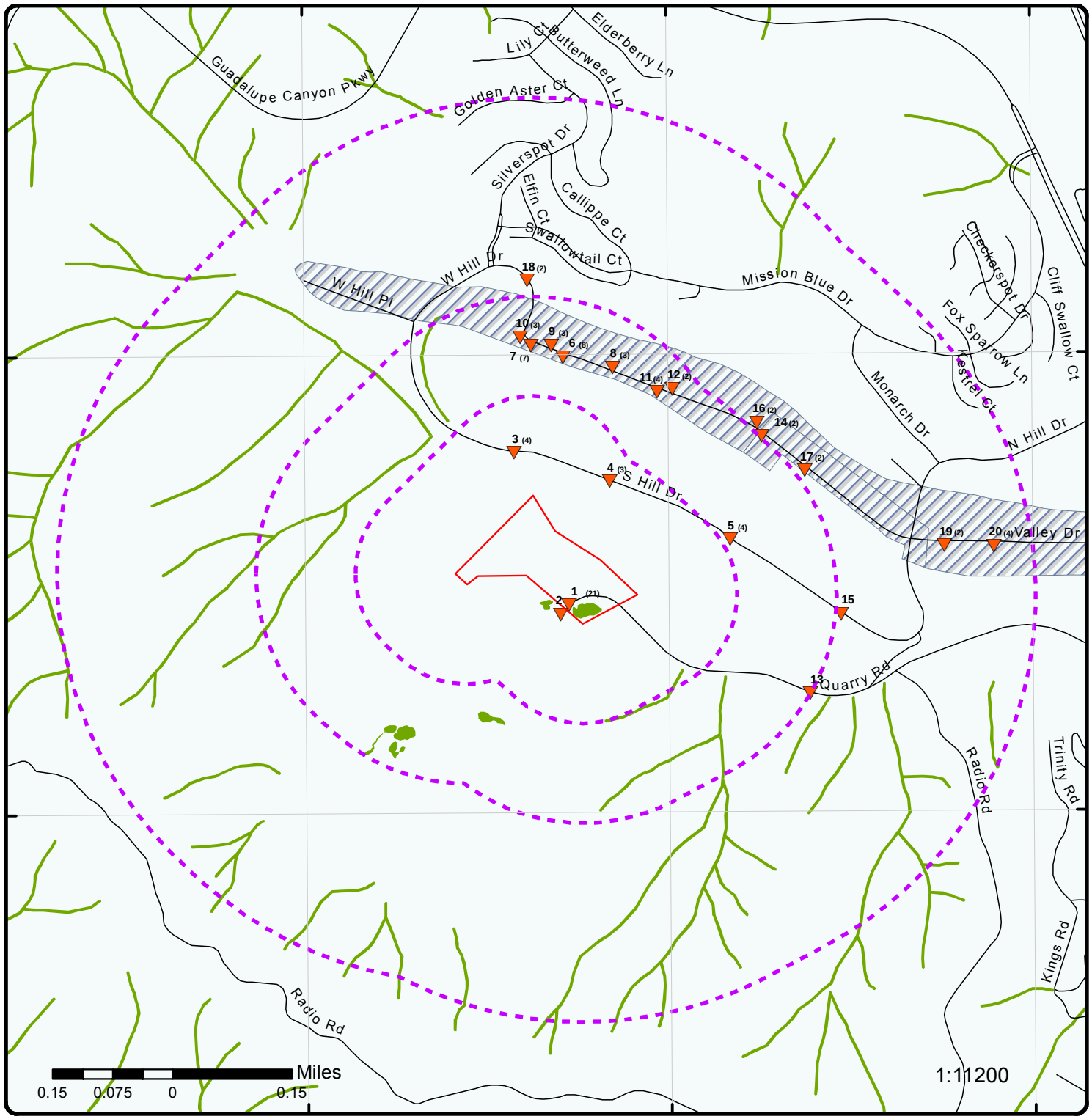
Address: Brisbane Quarry, Brisbane, CA

ERIS
ENVIRONMENTAL RISK INFORMATION SERVICES

- Project Property
- **Buffer Outline**
- Eris Sites with Higher Elevation
- Eris Sites with Same Elevation
- Eris Sites with Lower Elevation
- Eris Sites with Unknown Elevation
- County Boundary
- Rails
- Major Highways
- Major Highways Ramps
- Major Roads
- Major Roads Ramps
- Secondary Roads
- Secondary Roads Ramps
- Local Roads and Ramps
- State Boundary
- National Priority List Sites
- National Wetland
- Indian Reserve Land
- Historic Fill
- 100 Year Flood Zone
- 500 Year Flood Zone
- FWS Special Designation Areas
- State Brownfield Sites
- State Brownfield Areas
- State Superfund Areas:Dept. of Defense
- State Superfund Areas:NPL
- WQARF Areas
- Federal Lands: Dept. of Defense (owned/administered areas)

Source: © 2016 ESRI

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Map : 0.5 Mile Radius

Order No: 20180531084

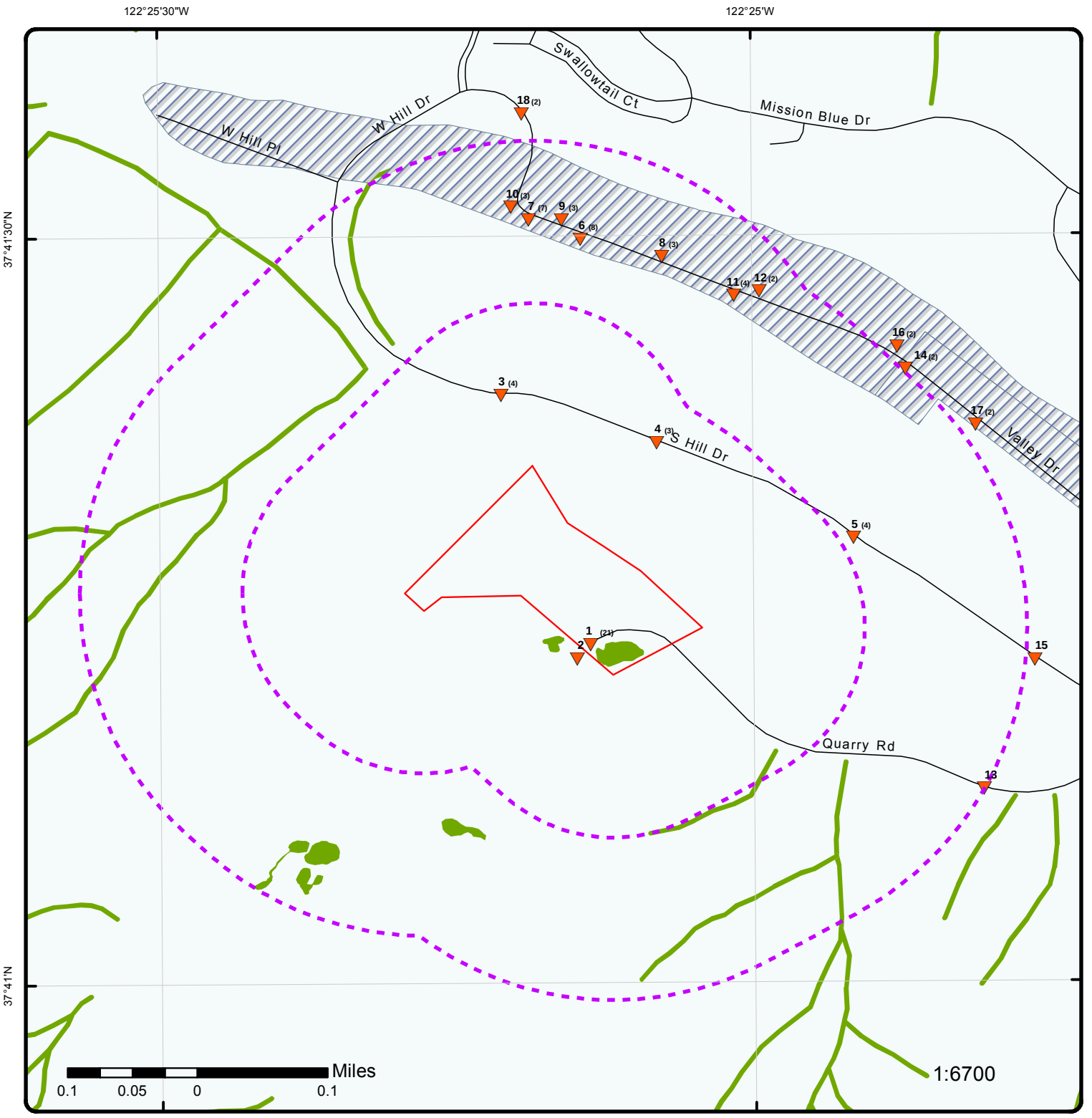
Address: Brisbane Quarry, Brisbane, CA

ENVIRONMENTAL RISK INFORMATION SERVICES

- Project Property
- **Buffer Outline**
- Eris Sites with Higher Elevation
- Eris Sites with Same Elevation
- Eris Sites with Lower Elevation
- Eris Sites with Unknown Elevation
- County Boundary
- Rails
- Major Highways
- Major Highways Ramps
- Major Roads
- Major Roads Ramps
- Secondary Roads
- Secondary Roads Ramps
- Local Roads and Ramps
- State Boundary
- National Priority List Sites
- National Wetland
- Indian Reserve Land
- Historic Fill
- 100 Year Flood Zone
- 500 Year Flood Zone
- FWS Special Designation Areas
- State Brownfield Sites
- State Brownfield Areas
- State Superfund Areas:Dept. of Defense
- State Superfund Areas:NPL
- WQARF Areas
- Federal Lands: Dept. of Defense (owned/administered areas)

Source: © 2016 ESRI

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Map : 0.25 Mile Radius

Order No: 20180531084

Address: Brisbane Quarry, Brisbane, CA

ENVIRONMENTAL RISK INFORMATION SERVICES

- Project Property
- **Buffer Outline**
- Eris Sites with Higher Elevation
- Eris Sites with Same Elevation
- Eris Sites with Lower Elevation
- Eris Sites with Unknown Elevation
- County Boundary
- Rails
- Major Highways
- Major Highways Ramps
- Major Roads
- Major Roads Ramps
- Secondary Roads
- Secondary Roads Ramps
- Local Roads and Ramps
- State Boundary
- National Priority List Sites
- National Wetland
- Indian Reserve Land
- Historic Fill
- 100 Year Flood Zone
- 500 Year Flood Zone
- FWS Special Designation Areas
- State Brownfield Sites
- State Brownfield Areas
- State Superfund Areas:Dept. of Defense
- State Superfund Areas:NPL
- WQARF Areas
- Federal Lands: Dept. of Defense (owned/administered areas)

Source: © 2016 ESRI

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Aerial (2017)

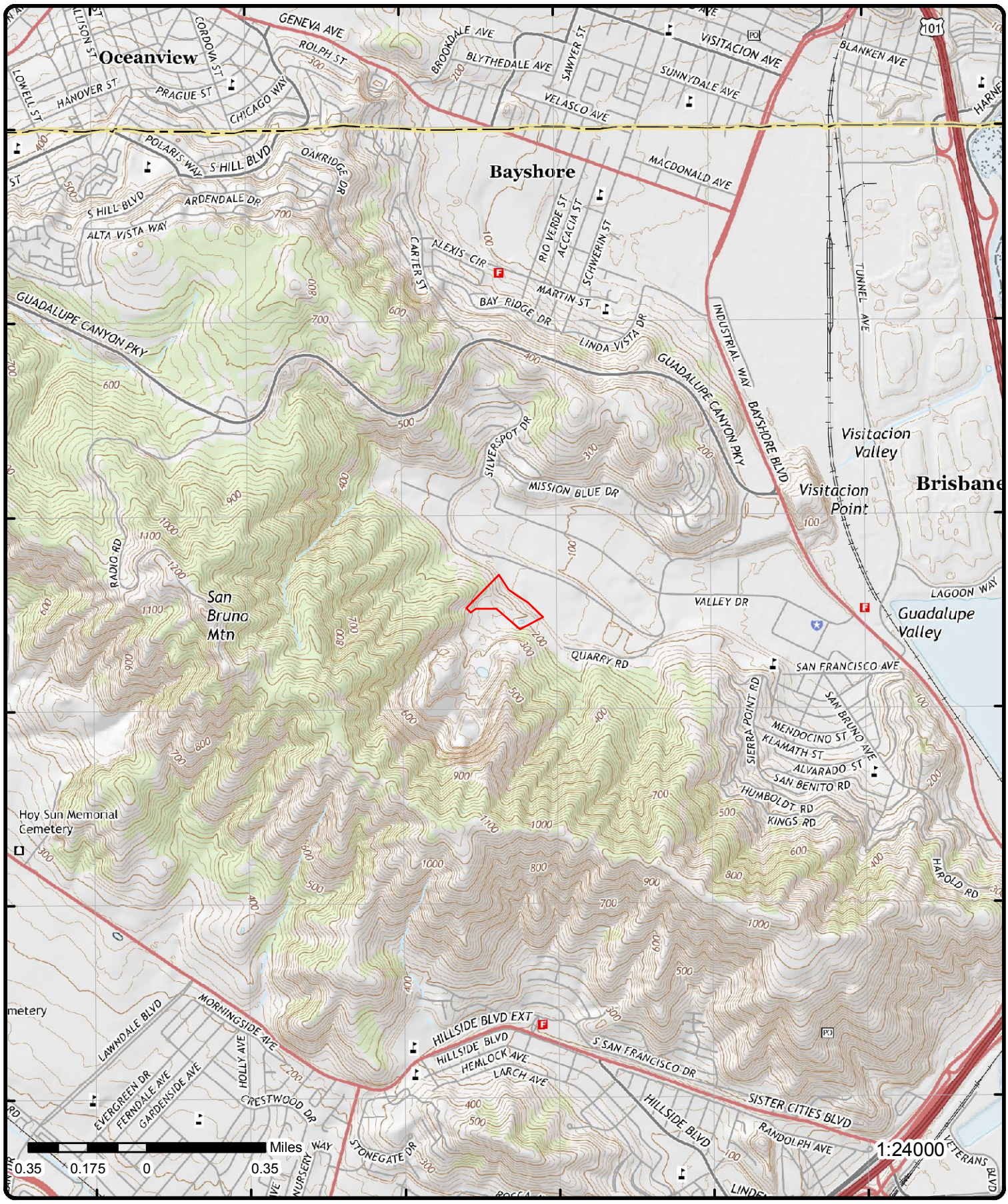
Order No: 20180531084

Address: Brisbane Quarry, Brisbane, CA

Source: ESRI World Imagery

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ENVIRONMENTAL RISK INFORMATION SERVICES

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Topographic Map (2015)

Address: Brisbane Quarry, Brisbane, CA

Quadrangle(s): San Francisco South, CA

Source: USGS Topographic Map

Order No: 20180531084

ERIS
ENVIRONMENTAL RISK INFORMATION SERVICES

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Detail Report

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
1	1 of 21	-	0.00 / 0.00	197.32 / -29	CALIFORNIA ROCK & ASPHALT INC 1 QUARRY BRISBANE CA 94005	SANMATEO CUPA

Facility ID: FA0017928

--Details--

Record ID: PR0036868
Status: Inactive CUPA Facility Listing
Program Element Code: 2150
Program Element: ABOVE GROUND TANK/SPCC

Record ID: PR0011793
Status: Inactive CUPA Facility Listing
Program Element Code: 2220
Program Element: GENERATES & RECYCLES WASTE OIL/SOLVENT

Record ID: PR0034035
Status: Inactive CUPA Facility Listing
Program Element Code: 2166
Program Element: STORES HAZ MAT <15999GAL, 111999LB, 5599CF

Record ID: PR0022703
Status: Inactive CUPA Facility Listing
Program Element Code: 2300
Program Element: UNDERGROUND TANK - GENERAL

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
1	2 of 21	-	0.00 / 0.00	197.32 / -29	EBI AGGREGATES #1 OLD QUARRY ROAD BRISBANE CA 94005	EMISSIONS

2012 Criteria Data

Facility ID: 19810
Facility SIC Code: 2951
CO: 41
Air Basin: SF
District: BA
COID: SM
DISN: BAY AREA AQMD
CHAPIS:
CERR Code:
TOGT: .88
ROGT: .5576912
COT: .428
NOXT: 1.713
SOXT: .007
PMT: 18.752777134587554269175108538350217076 7
PM10T: 7.6

2012 Toxic Data

Facility ID: 19810
Facility SIC Code: 2951
CO: 41
Air Basin: SF
District: BA
TS:
Health Risk Asmt:
COID: SM
DISN: BAY AREA AQMD
CHAPIS:
CERR Code:

Non-Cancer Chronic Haz Ind:
Non-Cancer Acute Haz Ind:

2013 Criteria Data

Facility ID:	19810	***CERR Code:***	
Facility SIC Code:	2951	***TOGT:***	.895
CO:	41	***ROGT:***	.6631286
Air Basin:	SF	***COT:***	.495
District:	BA	***NOXT:***	1.983
COID:	SM	***SOXT:***	.008
DISN:	BAY AREA AQMD	***PMT:***	1.328
CHAPIS:		***PM10T:***	.532

2013 Toxic Data

Facility ID:	19810	***COID:***	SM
Facility SIC Code:	2951	***DISN:***	BAY AREA AQMD
CO:	41	***CHAPIS:***	
Air Basin:	SF	***CERR Code:***	
District:	BA		

TS:
Health Risk Asmt:
Non-Cancer Chronic Haz Ind:
Non-Cancer Acute Haz Ind:

2014 Criteria Data

Facility ID:	19810	***CERR Code:***	
Facility SIC Code:	2951	***TOGT:***	.933652062
CO:	41	***ROGT:***	
Air Basin:	SF	***COT:***	.674363247
District:	BA	***NOXT:***	2.701903331
COID:	SM	***SOXT:***	.010948722
DISN:	BAY AREA AQMD	***PMT:***	19.097442436
CHAPIS:		***PM10T:***	7.639323761

2014 Toxic Data

Facility ID:	19810	***COID:***	SM
Facility SIC Code:	2951	***DISN:***	BAY AREA AQMD
CO:	41	***CHAPIS:***	
Air Basin:	SF	***CERR Code:***	
District:	BA		

TS:
Health Risk Asmt:
Non-Cancer Chronic Haz Ind:
Non-Cancer Acute Haz Ind:

2015 Criteria Data

Facility ID:	19810	***CERR Code:***	
Facility SIC Code:	2951	***TOGT:***	.9079577
CO:	41	***ROGT:***	.87768561
Air Basin:	SF	***COT:***	.5576433
District:	BA	***NOXT:***	2.234254
COID:	SM	***SOXT:***	.009053697
DISN:	BAY AREA AQMD	***PMT:***	15.20190968
CHAPIS:		***PM10T:***	6.08104968

2015 Toxic Data

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Facility ID:	19810	**COID:**	SM
Facility SIC Code:	2951	**DISN:**	BAY AREA AQMD
CO:	41	**CHAPIS:**	
Air Basin:	SF	**CERR Code:**	
District:	BA		
TS:			
Health Risk Asmt:			
Non-Cancer Chronic Haz Ind:			
Non-Cancer Acute Haz Ind:			

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
1	3 of 21	-	0.00 / 0.00	197.32 / -29	CALIFORNIA ROCK & ASPHALT INC #1 QUARRY ROAD BRISBANE CA 94005	EMISSIONS

1998 Criteria Data

Facility ID:	10923	**CERR Code:**	
Facility SIC Code:	2951	**TOGT:**	1.4
CO:	41	**ROGT:**	1.19273
Air Basin:	SF	**COT:**	.8
District:	BA	**NOXT:**	3
COID:	SM	**SOXT:**	0
DISN:	BAY AREA AQMD	**PMT:**	21
CHAPIS:		**PM10T:**	7.22

1998 Toxic Data

Facility ID:	10923	**COID:**	SM
Facility SIC Code:	2951	**DISN:**	BAY AREA AQMD
CO:	41	**CHAPIS:**	
Air Basin:	SF	**CERR Code:**	
District:	BA		
TS:			
Health Risk Asmt:			
Non-Cancer Chronic Haz Ind:			
Non-Cancer Acute Haz Ind:			

1999 Criteria Data

Facility ID:	10923	**CERR Code:**	
Facility SIC Code:	2951	**TOGT:**	1.342
CO:	41	**ROGT:**	.9375212
Air Basin:	SF	**COT:**	.822
District:	BA	**NOXT:**	3.288
COID:	SM	**SOXT:**	.013
DISN:	BAY AREA AQMD	**PMT:**	22.934
CHAPIS:		**PM10T:**	9.375155

1999 Toxic Data

Facility ID:	10923	**COID:**	SM
Facility SIC Code:	2951	**DISN:**	BAY AREA AQMD
CO:	41	**CHAPIS:**	
Air Basin:	SF	**CERR Code:**	
District:	BA		
TS:			
Health Risk Asmt:			
Non-Cancer Chronic Haz Ind:			
Non-Cancer Acute Haz Ind:			

2000 Criteria Data

Facility ID:	10923	***CERR Code:***	
Facility SIC Code:	2951	***TOGT:***	1.342
CO:	41	***ROGT:***	.95
Air Basin:	SF	***COT:***	.822
District:	BA	***NOXT:***	3.288
COID:	SM	***SOXT:***	.013
DISN:	BAY AREA AQMD	***PMT:***	22.934
CHAPIS:		***PM10T:***	9.39

2000 Toxic Data

Facility ID:	10923	***COID:***	SM
Facility SIC Code:	2951	***DISN:***	BAY AREA AQMD
CO:	41	***CHAPIS:***	
Air Basin:	SF	***CERR Code:***	
District:	BA		
TS:			
Health Risk Asmt:			
Non-Cancer Chronic Haz Ind:			
Non-Cancer Acute Haz Ind:			

2001 Criteria Data

Facility ID:	10923	***CERR Code:***	
Facility SIC Code:	2951	***TOGT:***	1.43
CO:	41	***ROGT:***	.99
Air Basin:	SF	***COT:***	.55
District:	BA	***NOXT:***	2.18
COID:	SM	***SOXT:***	.01
DISN:	BAY AREA AQMD	***PMT:***	24.35
CHAPIS:		***PM10T:***	9.78

2001 Toxic Data

Facility ID:	10923	***COID:***	SM
Facility SIC Code:	2951	***DISN:***	BAY AREA AQMD
CO:	41	***CHAPIS:***	
Air Basin:	SF	***CERR Code:***	
District:	BA		
TS:			
Health Risk Asmt:			
Non-Cancer Chronic Haz Ind:			
Non-Cancer Acute Haz Ind:			

2002 Criteria Data

Facility ID:	10923	***CERR Code:***	
Facility SIC Code:	2951	***TOGT:***	1.413
CO:	41	***ROGT:***	.9585834
Air Basin:	SF	***COT:***	.546
District:	BA	***NOXT:***	2.183
COID:	SM	***SOXT:***	.009
DISN:	BAY AREA AQMD	***PMT:***	24.422
CHAPIS:		***PM10T:***	9.81977

2002 Toxic Data

Facility ID:	10923	***COID:***	SM
Facility SIC Code:	2951	***DISN:***	BAY AREA AQMD
CO:	41	***CHAPIS:***	
Air Basin:	SF	***CERR Code:***	

District: BA
TS:
Health Risk Asmt:
Non-Cancer Chronic Haz Ind:
Non-Cancer Acute Haz Ind:

2003 Criteria Data

Facility ID:	10923	**CERR Code:**	
Facility SIC Code:	2951	**TOGT:**	1.282
CO:	41	**ROGT:**	.87
Air Basin:	SF	**COT:**	.695
District:	BA	**NOXT:**	2.781
COID:	SM	**SOXT:**	.011
DISN:	BAY AREA AQMD	**PMT:**	23.885
CHAPIS:		**PM10T:**	9.6

2003 Toxic Data

Facility ID:	10923	**COID:**	SM
Facility SIC Code:	2951	**DISN:**	BAY AREA AQMD
CO:	41	**CHAPIS:**	
Air Basin:	SF	**CERR Code:**	
District:	BA		
TS:			
Health Risk Asmt:			
Non-Cancer Chronic Haz Ind:			
Non-Cancer Acute Haz Ind:			

2004 Criteria Data

Facility ID:	10923	**CERR Code:**	
Facility SIC Code:	2951	**TOGT:**	1.282
CO:	41	**ROGT:**	.8591732
Air Basin:	SF	**COT:**	.695
District:	BA	**NOXT:**	2.781
COID:	SM	**SOXT:**	.011
DISN:	BAY AREA AQMD	**PMT:**	23.885
CHAPIS:		**PM10T:**	9.605564

2004 Toxic Data

Facility ID:	10923	**COID:**	SM
Facility SIC Code:	2951	**DISN:**	BAY AREA AQMD
CO:	41	**CHAPIS:**	
Air Basin:	SF	**CERR Code:**	
District:	BA		
TS:			
Health Risk Asmt:			
Non-Cancer Chronic Haz Ind:			
Non-Cancer Acute Haz Ind:			

2005 Criteria Data

Facility ID:	10923	**CERR Code:**	
Facility SIC Code:	2951	**TOGT:**	1.161
CO:	41	**ROGT:**	.8068242
Air Basin:	SF	**COT:**	.076
District:	BA	**NOXT:**	.305
COID:	SM	**SOXT:**	.001
DISN:	BAY AREA AQMD	**PMT:**	33.11
CHAPIS:	Y	**PM10T:**	13.409336

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

2005 Toxic Data

Facility ID:	10923	***COID:***	SM
Facility SIC Code:	2951	***DISN:***	BAY AREA AQMD
CO:	41	***CHAPIS:***	Y
Air Basin:	SF	***CERR Code:***	
District:	BA		
TS:			
Health Risk Asmt:			
Non-Cancer Chronic Haz Ind:			
Non-Cancer Acute Haz Ind:			

2006 Criteria Data

Facility ID:	10923	***CERR Code:***	
Facility SIC Code:	2951	***TOGT:***	1.162
CO:	41	***ROGT:***	.8075228
Air Basin:	SF	***COT:***	.076
District:	BA	***NOXT:***	.305
COID:	SM	***SOXT:***	.001
DISN:	BAY AREA AQMD	***PMT:***	33.11
CHAPIS:	Y	***PM10T:***	13.409336

2006 Toxic Data

Facility ID:	10923	***COID:***	SM
Facility SIC Code:	2951	***DISN:***	BAY AREA AQMD
CO:	41	***CHAPIS:***	Y
Air Basin:	SF	***CERR Code:***	
District:	BA		
TS:			
Health Risk Asmt:			
Non-Cancer Chronic Haz Ind:			
Non-Cancer Acute Haz Ind:			

2007 Criteria Data

Facility ID:	10923	***CERR Code:***	
Facility SIC Code:	2951	***TOGT:***	.79
CO:	41	***ROGT:***	.5482508
Air Basin:	SF	***COT:***	.07
District:	BA	***NOXT:***	.278
COID:	SM	***SOXT:***	.001
DISN:	BAY AREA AQMD	***PMT:***	7.361
CHAPIS:		***PM10T:***	3.101236

2007 Toxic Data

Facility ID:	10923	***COID:***	SM
Facility SIC Code:	2951	***DISN:***	BAY AREA AQMD
CO:	41	***CHAPIS:***	
Air Basin:	SF	***CERR Code:***	
District:	BA		
TS:			
Health Risk Asmt:			
Non-Cancer Chronic Haz Ind:			
Non-Cancer Acute Haz Ind:			

1	***4 of 21***	***-***	***0.00 / 0.00***	***197.32 / -29***	***CALIFORNIA ROCK & ASPHALT INC #1 OLD QUARRY ROAD BRISBANE CA 94005***	***EMISSIONS***

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

1996 Criteria Data

Facility ID:	10923	***CERR Code:***	
Facility SIC Code:	2951	***TOGT:***	.8
CO:	41	***ROGT:***	.708
Air Basin:	SF	***COT:***	.5
District:	BA	***NOXT:***	2
COID:	SM	***SOXT:***	0
DISN:	BAY AREA AQMD	***PMT:***	21.7
CHAPIS:		***PM10T:***	7.72

1996 Toxic Data

Facility ID:	10923	***COID:***	SM
Facility SIC Code:	2951	***DISN:***	BAY AREA AQMD
CO:	41	***CHAPIS:***	
Air Basin:	SF	***CERR Code:***	
District:	BA		
TS:			
Health Risk Asmt:			
Non-Cancer Chronic Haz Ind:			
Non-Cancer Acute Haz Ind:			

1997 Criteria Data

Facility ID:	10923	***CERR Code:***	
Facility SIC Code:	2951	***TOGT:***	1.4
CO:	41	***ROGT:***	1.19273
Air Basin:	SF	***COT:***	.8
District:	BA	***NOXT:***	3
COID:	SM	***SOXT:***	0
DISN:	BAY AREA AQMD	***PMT:***	27.7
CHAPIS:		***PM10T:***	9.85

1997 Toxic Data

Facility ID:	10923	***COID:***	SM
Facility SIC Code:	2951	***DISN:***	BAY AREA AQMD
CO:	41	***CHAPIS:***	
Air Basin:	SF	***CERR Code:***	
District:	BA		
TS:			
Health Risk Asmt:			
Non-Cancer Chronic Haz Ind:			
Non-Cancer Acute Haz Ind:			

1	***5 of 21***	***-***	***0.00 / 0.00***	***197.32 / -29***	***HAMILTON CREEK, LLC #1 OLD QUARRY ROAD BRISBANE CA 94005***	***EMISSIONS***

2008 Criteria Data

Facility ID:	19810	***CERR Code:***	
Facility SIC Code:	2951	***TOGT:***	.89
CO:	41	***ROGT:***	.5573908
Air Basin:	SF	***COT:***	.756
District:	BA	***NOXT:***	3.029
COID:	SM	***SOXT:***	.012
DISN:	BAY AREA AQMD	***PMT:***	7.83

CHAPIS: ***PM10T:*** 3.298289

2008 Toxic Data

Facility ID: 19810
Facility SIC Code: 2951
CO: 41
Air Basin: SF
District: BA
TS:
Health Risk Asmt:
Non-Cancer Chronic Haz Ind:
Non-Cancer Acute Haz Ind:
COID: SM
DISN: BAY AREA AQMD
CHAPIS:
CERR Code:

2009 Criteria Data

Facility ID: 19810
Facility SIC Code: 2951
CO: 41
Air Basin: SF
District: BA
COID: SM
DISN: BAY AREA AQMD
CHAPIS:
CERR Code:
TOGT: .952
ROGT: .564272
COT: .756
NOXT: 3.029
SOXT: .012
PMT: 7.83
PM10T: 3.298289

2009 Toxic Data

Facility ID: 19810
Facility SIC Code: 2951
CO: 41
Air Basin: SF
District: BA
TS:
Health Risk Asmt:
Non-Cancer Chronic Haz Ind:
Non-Cancer Acute Haz Ind:
COID: SM
DISN: BAY AREA AQMD
CHAPIS:
CERR Code:

2010 Toxic Data

Facility ID: 19810
Facility SIC Code: 2951
CO: 41
Air Basin: SF
District: BA
TS:
Health Risk Asmt:
Non-Cancer Chronic Haz Ind:
Non-Cancer Acute Haz Ind:
COID: SM
DISN: BAY AREA AQMD
CHAPIS:
CERR Code:

2011 Criteria Data

Facility ID: 19810
Facility SIC Code: 2951
CO: 41
Air Basin: SF
District: BA
COID: SM
DISN: BAY AREA AQMD
CHAPIS:
CERR Code:
TOGT: .88
ROGT: .5576912
COT: .428
NOXT: 1.713
SOXT: .007
PMT: 18.965
PM10T: 7.746646

2011 Toxic Data

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Facility ID:	19810	**COID:**	SM
Facility SIC Code:	2951	**DISN:**	BAY AREA AQMD
CO:	41	**CHAPIS:**	
Air Basin:	SF	**CERR Code:**	
District:	BA		
TS:			
Health Risk Asmt:			
Non-Cancer Chronic Haz Ind:			
Non-Cancer Acute Haz Ind:			

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
1	6 of 21	-	0.00 / 0.00	197.32 / -29	AMERICAN ROCK & ASPHALT 1 OLD QUARRY ROAD BRISBANE CA 94005	FINDS/FRS

Registry ID:	110065149770
FIPS Code:	
Program Acronyms:	CA-ENVIROVIEW
HUC Code:	18050004
Site Type Name:	STATIONARY
Location Description:	
Supplemental Location:	
Create Date:	10-OCT-2015 09:32:30
Update Date:	
Interest Types:	STATE MASTER
SIC Codes:	
SIC Code Descriptions:	
NAICS Codes:	
NAICS Code Descriptions:	
Conveyor:	CALEPA
Federal Facility Code:	
Federal Agency Name:	
Tribal Land Code:	
Tribal Land Name:	
Congressional Dist No.:	12
Census Block Code:	060816001001022
EPA Region Code:	09
County Name:	SAN MATEO
US/Mexico Border Ind:	
Latitude:	37.687272
Longitude:	-122.419506
Reference Point:	
Coord Collection Method:	UNKNOWN
Accuracy Value:	
Datum:	NAD83
Source:	
Facility Detail Rprt URL:	http://ofmpub.epa.gov/enviro/fii_query_detail.disp_program_facility?p_registry_id=110065149770

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
1	7 of 21	-	0.00 / 0.00	197.32 / -29	CALIFORNIA ROCK & ASPHALT INCORPORATED 1 OLD QUARRY ROAD BRISBANE CA 94005	FINDS/FRS

Registry ID:	110002412979
FIPS Code:	06081
Program Acronyms:	EIS
HUC Code:	18050004
Site Type Name:	STATIONARY
Location Description:	
Supplemental Location:	
Create Date:	01-MAR-2000 00:00:00
Update Date:	01-JUN-2017 17:15:34
Interest Types:	HAZARDOUS AIR POLLUTANT MAJOR
SIC Codes:	
SIC Code Descriptions:	
NAICS Codes:	324121
NAICS Code Descriptions:	ASPHALT PAVING MIXTURE AND BLOCK MANUFACTURING.

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Conveyor: EIS
Federal Facility Code:
Federal Agency Name:
Tribal Land Code:
Tribal Land Name:
Congressional Dist No.: 12
Census Block Code: 060816001002000
EPA Region Code: 09
County Name: SAN MATEO
US/Mexico Border Ind:
Latitude: 37.68518
Longitude: -122.39847
Reference Point: POINT WHERE SUBSTANCE IS RELEASED
Coord Collection Method: UNKNOWN
Accuracy Value: 100
Datum: NAD83
Source:
Facility Detail Rprt URL: http://ofmpub.epa.gov/enviro/fii_query_detail.disp_program_facility?p_registry_id=110002412979

1	8 of 21	-	0.00 / 0.00	197.32 / -29	GUADALUPE VALLEY QUARRY NO 1 OLD QUARRY RD BRISBANE CA 94005	FINDS/FRS

Registry ID: 110070091260
FIPS Code:
Program Acronyms: NPDES
HUC Code: 18050004
Site Type Name: STATIONARY
Location Description:
Supplemental Location:
Create Date: 07-AUG-2017 10:36:56
Update Date:
Interest Types: ICIS-NPDES NON-MAJOR, STORM WATER INDUSTRIAL
SIC Codes:
SIC Code Descriptions:
NAICS Codes:
NAICS Code Descriptions:
Conveyor: ICIS
Federal Facility Code:
Federal Agency Name:
Tribal Land Code:
Tribal Land Name:
Congressional Dist No.: 12
Census Block Code: 060816001001025
EPA Region Code: 09
County Name:
US/Mexico Border Ind:
Latitude: 37.6861
Longitude: -122.41095
Reference Point:
Coord Collection Method:
Accuracy Value:
Datum: NAD83
Source:
Facility Detail Rprt URL: http://ofmpub.epa.gov/enviro/fii_query_detail.disp_program_facility?p_registry_id=110070091260

1	9 of 21	-	0.00 / 0.00	197.32 / -29	EBI AGGREGATES #1 OLD QUARRY ROAD BRISBANE CA 94005	FINDS/FRS

Registry ID: 110054269199
FIPS Code: 06081
Program Acronyms: EIS
HUC Code: 18050004
Site Type Name: STATIONARY

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Location Description:	
Supplemental Location:	
Create Date:	03-DEC-2012 12:41:22
Update Date:	01-JUN-2017 17:20:03
Interest Types:	AIR EMISSIONS CLASSIFICATION UNKNOWN
SIC Codes:	
SIC Code Descriptions:	
NAICS Codes:	324121
NAICS Code Descriptions:	ASPHALT PAVING MIXTURE AND BLOCK MANUFACTURING.
Conveyor:	EIS
Federal Facility Code:	
Federal Agency Name:	
Tribal Land Code:	
Tribal Land Name:	
Congressional Dist No.:	12
Census Block Code:	060816001002005
EPA Region Code:	09
County Name:	SAN MATEO
US/Mexico Border Ind:	
Latitude:	37.683501
Longitude:	-122.396344
Reference Point:	FACILITY CENTROID
Coord Collection Method:	
Accuracy Value:	
Datum:	NAD83
Source:	
Facility Detail Rprt URL:	http://ofmpub.epa.gov/enviro/fii_query_detail.disp_program_facility?p_registry_id=110054269199

1	*10 of 21*	*-*	*0.00 / 0.00*	*197.32 / -29*	***EVANS BROTHERS 1 OLD QUARRY RD BRISBANE CA 94005***	***FINDS/FRS***

Registry ID:	110065426596
FIPS Code:	
Program Acronyms:	CA-ENVIROVIEW
HUC Code:	18050004
Site Type Name:	STATIONARY
Location Description:	
Supplemental Location:	
Create Date:	13-OCT-2015 09:02:54
Update Date:	
Interest Types:	STATE MASTER
SIC Codes:	
SIC Code Descriptions:	
NAICS Codes:	
NAICS Code Descriptions:	
Conveyor:	CALEPA
Federal Facility Code:	
Federal Agency Name:	
Tribal Land Code:	
Tribal Land Name:	
Congressional Dist No.:	12
Census Block Code:	060816001001022
EPA Region Code:	09
County Name:	SAN MATEO
US/Mexico Border Ind:	
Latitude:	37.688038
Longitude:	-122.41931
Reference Point:	
Coord Collection Method:	INTERPOLATION-MAP
Accuracy Value:	
Datum:	NAD83
Source:	
Facility Detail Rprt URL:	http://ofmpub.epa.gov/enviro/fii_query_detail.disp_program_facility?p_registry_id=110065426596

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
1	11 of 21	-	0.00 / 0.00	197.32 / -29	1 QUARRY ROAD BRISBANE CA	HIST CHMIRS

OES Control NO:	8910672	**Incident Date:**	8/30/1989
Release Factors:	Suspicious Act	**Date Reported:**	9/25/1989
Release Text:		**Fatalities:**	0
Equipm Involved:	No Equip Involved	**Other Injury:**	0
Action Taken Text:		**Other Decon:**	0
Chemicals:	RAYLIG	**Other Fatal:**	0
Case Number:		**Vehicle:**	
HazMat Other:		**State:**	
HM Injury:	0	**CA DOT PUC ICC:**	
Decon:	0	**Company Name:**	
Agency Name:	BRISBANE DPS	**County:**	SAN MATEO
HazMat Pers:	On-site Fire Services		
Action Taken:	ID/Analysis of Hazmat,Investigate,Refer to Proper Authority		
More than three involved?:	2		

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
1	12 of 21	-	0.00 / 0.00	197.32 / -29	1 OLD QUARRY RD BRISBANE CA 940800000	HIST MANIFEST

Gen EPA ID:	CAC000674248
Create Date:	2/28/1992 0:00:00
Inact Date:	10/25/2000 0:00:00
Facility Mail Street:	1 OLD QUARRY RD
Facility Mail City:	BRISBANE
Facility Mail State:	CA
Facility Mail Zip:	940800000
Contact Phone(s):	5102328366
File Year(s):	1992
Contact Name(s):	SAM JONES/MANAGER

Tanner Information

Method Description:	
Tons:	0
Year:	1992
Generator County Code:	41
Generator County:	San Mateo
Method Code:	
Tsd County Code:	38
Tsd County:	San Francisco
State Waste Code:	
State Waste Code Desc:	
Tsd Epa ID:	CAD004771168

Tanner Information

Method Description:	
Tons:	0.83
Year:	1992
Generator County Code:	41
Generator County:	San Mateo
Method Code:	R01
Tsd County Code:	19
Tsd County:	Los Angeles
State Waste Code:	221
State Waste Code Desc:	Waste oil and mixed oil
Tsd Epa ID:	CAT080013352

Tanner Information

Method Description:	
Tons:	0

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Year: 1992
Generator County Code: 41
Generator County: San Mateo
Method Code:
Tsd County Code: 19
Tsd County: Los Angeles
State Waste Code:
State Waste Code Desc:
Tsd Epa ID: CAT080013352

Tanner Information

Method Description:
Tons: 4
Year: 1992
Generator County Code: 41
Generator County: San Mateo
Method Code: R01
Tsd County Code: 38
Tsd County: San Francisco
State Waste Code: 512
State Waste Code Desc: Other empty containers 30 gallons or more
Tsd Epa ID: CAD004771168

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
1	13 of 21	-	0.00 / 0.00	197.32 / -29	AMERICAN ROCK & ASPHALT 1 OLD QUARRY RD BRISBANE CA	SANMATEO LOP

Case No: 560002
Case Type: Other Groundwater affected (uses other than drinking water)
Global ID: T0608100018
Assessors Parcel No: 005270110

--Details--
Status: 9- Case Closed

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
1	14 of 21	-	0.00 / 0.00	197.32 / -29	AMERICAN ROCK & ASPHALT 1 OLD QUARRY ROAD BRISBANE CA 94005	LUST

Global ID: T0608100018
Case Type: LUST Cleanup Site
Status: Completed - Case Closed
Status Date: 1999-12-17 00:00:00
RB Case No: 41-0018
LOC Case No: 560002
Lead Agency: SAN MATEO COUNTY LOP
Case Worker: AJ
Local Agency: SAN MATEO COUNTY LOP
CUF Case: YES
Begin Date: 1986-05-06 00:00:00
How Discovered: Other Means
Stop Method: Other Means
County: San Mateo
Latitude: 37.687271740322
Longitude: -122.419506311417
File Location: Local Agency
Potential Media Of Concern: Gasoline
Potential Media Affected: Other Groundwater (uses other than drinking water)
How Discovered Description:
Stop Description:
Cal Water Watershed Name: South Bay - San Mateo Bayside (204.40)
DWR Groundwater Subbasin Name: Visitacion Valley (2-32)
Site History:

Status History

Status:	Status Date:
Completed - Case Closed	1999-12-17 00:00:00

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Status: Open - Case Begin Date **Status Date:** 1986-05-06 00:00:00

Activities

Action Type: Other
Action: Leak Discovery
Date: 1986-05-06 00:00:00

Action Type: ENFORCEMENT
Action: Notice of Responsibility - #1
Date: 1990-01-29 00:00:00

Action Type: REMEDIATION
Action: Excavation
Date: 1991-10-28 00:00:00

Action Type: Other
Action: Leak Reported
Date: 1986-05-06 00:00:00

Contacts

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:
Phone No:

Contact Type: Local Agency Caseworker
Contact Name: ANNE JUREK
Organization Name: SAN MATEO COUNTY LOP
Address: 2000 Alameda de las Pulgas Suite 100
City: SAN MATEO
Email: ajurek@smcgov.org
Phone No: 6504002523

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
1	15 of 21	-	0.00 / 0.00	197.32 / -29	EBI AGGREGATES 1 OLD QUARRY RD BRISBANE CA 94005	HAZNET

SIC Code: 1442
NAICS Code: 212321
EPA ID: CAL000338978
Create Date: 12/16/2008
Fac Act Ind: Yes
Inact Date:
County Code: 41
County Name: San Mateo
Mail Name:
Mailing Addr 1: 7589 NATIONAL DR
Mailing Addr 2:
Owner Fax: 9254430229
Mailing City: LIVERMORE
Mailing State: CA
Mailing Zip: 945508803
Region Code: 2
Owner Name: EBI AGGREGATES
Owner Addr 1: 7589 NATIONAL DR
Owner Addr 2:
Owner City: LIVERMORE
Owner State: CA
Owner Zip: 945508803
Owner Phone: 9254430225

Contact Information
-- --
Contact Name: WIL EVANS
Street Address 1: 7589 NATIONAL DRIVE
Street Address 2:
City: LIVERMORE
State: CA
Zip: 94550
Phone: 9254430225
-- --
-- --

Tanner Information
-- --
Generator EPA ID: CAL000338978
Generator County Code: 41
Generator County: San Mateo
TSD EPA ID: NVD980895338

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

TSD County Code:	99
TSD County:	Unknown
State Waste Code:	223
State Waste Code Desc.:	Unspecified oil-containing waste
Method Code:	H141
Method Description:	STORAGE, BULKING, AND/OR TRANSFER OFF SITE--NO TREATMENT/REOVERY (H010-H129) OR (H131-H135)
Tons:	0.15
Year:	2013
--	--
Generator EPA ID:	CAL000338978
Generator County Code:	41
Generator County:	San Mateo
TSD EPA ID:	NVT330010000
TSD County Code:	99
TSD County:	Unknown
State Waste Code:	223
State Waste Code Desc.:	Unspecified oil-containing waste
Method Code:	H132
Method Description:	LANDFILL OR SURFACE IMPOUNDMENT THAT WILL BE CLOSED AS LANDFILL(TO INCLUDE ON-SITE TREATMENT AND/OR STABILIZATION)
Tons:	0.825
Year:	2014
--	--
Generator EPA ID:	CAL000338978
Generator County Code:	41
Generator County:	San Mateo
TSD EPA ID:	AZR000515924
TSD County Code:	99
TSD County:	Unknown
State Waste Code:	223
State Waste Code Desc.:	Unspecified oil-containing waste
Method Code:	H141
Method Description:	STORAGE, BULKING, AND/OR TRANSFER OFF SITE--NO TREATMENT/REOVERY (H010-H129) OR (H131-H135)
Tons:	0.5
Year:	2015
--	--
Generator EPA ID:	CAL000338978
Generator County Code:	41
Generator County:	San Mateo
TSD EPA ID:	NVT330010000
TSD County Code:	99
TSD County:	Unknown
State Waste Code:	223
State Waste Code Desc.:	Unspecified oil-containing waste
Method Code:	H132
Method Description:	LANDFILL OR SURFACE IMPOUNDMENT THAT WILL BE CLOSED AS LANDFILL(TO INCLUDE ON-SITE TREATMENT AND/OR STABILIZATION)
Tons:	0.4
Year:	2015
--	--
Generator EPA ID:	CAL000338978
Generator County Code:	41
Generator County:	San Mateo
TSD EPA ID:	NVT330010000
TSD County Code:	99
TSD County:	Unknown
State Waste Code:	352
State Waste Code Desc.:	Other organic solids
Method Code:	H132
Method Description:	LANDFILL OR SURFACE IMPOUNDMENT THAT WILL BE CLOSED AS LANDFILL(TO INCLUDE ON-SITE TREATMENT AND/OR STABILIZATION)
Tons:	0.2
Year:	2015
--	--

1	**16 of 21**	**-**	**0.00 /**	**197.32 /**	**CALIFORNIA ROCK & ASPHALT,**	**HAZNET**

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
			0.00	-29	INC. 1 OLD QUARRY RD BRISBANE CA 940050000	

SIC Code:
NAICS Code:
EPA ID: CAL000089405
Create Date: 12/21/1992
Fac Act Ind: No
Inact Date: 6/30/2006
County Code: 41
County Name: San Mateo
Mail Name:
Mailing Addr 1: 1 OLD QUARRY RD
Mailing Addr 2:
Owner Fax:

Mailing City: BRISBANE
Mailing State: CA
Mailing Zip: 940050000
Region Code: 2
Owner Name: SAM JOHNSON
Owner Addr 1: 1 OLD QUARRY RD
Owner Addr 2:
Owner City: BRISBANE
Owner State: CA
Owner Zip: 940050000
Owner Phone: 4154670720

Contact Information
-- --
Contact Name: TONY SOUSA
Street Address 1: 1 OLD QUARRY RD
Street Address 2:
City: BRISBANE
State: CA
Zip: 940050000
Phone: 4154670720
-- --
-- --
Tanner Information
-- --
Generator EPA ID: CAL000089405
Generator County Code: 41
Generator County: San Mateo
TSD EPA ID: CAD028409019
TSD County Code: 19
TSD County: Los Angeles
State Waste Code: 223
State Waste Code Desc.: Unspecified oil-containing waste
Method Code: H01
Method Description: Transfer station
Tons: 0.75
Year: 2000
-- --
Generator EPA ID: CAL000089405
Generator County Code: 41
Generator County: San Mateo
TSD EPA ID: CAD053044053
TSD County Code: 01
TSD County: Alameda
State Waste Code: 213
State Waste Code Desc.: Hydrocarbon solvents (benzene, hexane, Stoddard, Etc.)
Method Code: H01
Method Description: Transfer station
Tons: 0.0834
Year: 2000
-- --
Generator EPA ID: CAL000089405
Generator County Code: 41
Generator County: San Mateo
TSD EPA ID: CAD053044053
TSD County Code: 01
TSD County: Alameda
State Waste Code: 213
State Waste Code Desc.: Hydrocarbon solvents (benzene, hexane, Stoddard, Etc.)
Method Code:
Method Description:
Tons: 0.0708
Year: 2000
-- --

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Generator EPA ID:	CAL000089405
Generator County Code:	41
Generator County:	San Mateo
TSD EPA ID:	CAD053044053
TSD County Code:	01
TSD County:	Alameda
State Waste Code:	213
State Waste Code Desc.:	Hydrocarbon solvents (benzene, hexane, Stoddard, Etc.)
Method Code:	H01
Method Description:	Transfer station
Tons:	0.2749
Year:	2001
--	--
Generator EPA ID:	CAL000089405
Generator County Code:	41
Generator County:	San Mateo
TSD EPA ID:	CAD053044053
TSD County Code:	01
TSD County:	Alameda
State Waste Code:	213
State Waste Code Desc.:	Hydrocarbon solvents (benzene, hexane, Stoddard, Etc.)
Method Code:	H01
Method Description:	Transfer station
Tons:	0.27522
Year:	2002
--	--
Generator EPA ID:	CAL000089405
Generator County Code:	41
Generator County:	San Mateo
TSD EPA ID:	CAL000161743
TSD County Code:	43
TSD County:	Santa Clara
State Waste Code:	223
State Waste Code Desc.:	Unspecified oil-containing waste
Method Code:	H141
Method Description:	STORAGE, BULKING, AND/OR TRANSFER OFF SITE--NO TREATMENT/REOVERY (H010-H129) OR (H131-H135)
Tons:	7.923
Year:	2006
--	--

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
1	17 of 21	-	0.00 / 0.00	197.32 / -29	1X THE AMERICAN ROCK - ASPHALT 1 OLD QUARRY RD BRISBANE CA 940800000	HAZNET

SIC Code:		**Mailing City:**	BRISBANE
NAICS Code:		**Mailing State:**	CA
EPA ID:	CAC000674248	**Mailing Zip:**	940800000
Create Date:	2/28/1992	**Region Code:**	2
Fac Act Ind:	No	**Owner Name:**	AMERICAN ROCK - ASPHALT CORP
Inact Date:	10/25/2000	**Owner Addr 1:**	--
County Code:	41	**Owner Addr 2:**	
County Name:	San Mateo	**Owner City:**	--
Mail Name:		**Owner State:**	99
Mailing Addr 1:	1 OLD QUARRY RD	**Owner Zip:**	--
Mailing Addr 2:		**Owner Phone:**	0000000000
Owner Fax:			

Contact Information

--	--
Contact Name:	SAM JONES/MANAGER
Street Address 1:	--
Street Address 2:	
City:	--
State:	99
Zip:	--
Phone:	5102328366

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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1	18 of 21	-	0.00 / 0.00	197.32 / -29	AMERICAN ROCK & ASPHALT #1 OLD QUARRY RD BRISBANE CA 940050000	HAZNET

SIC Code:		Mailing City:	BRISBANE
NAICS Code:		Mailing State:	CA
EPA ID:	CAL000049232	Mailing Zip:	940051224
Create Date:	8/3/1993	Region Code:	2
Fac Act Ind:	No	Owner Name:	--
Inact Date:	6/30/1997	Owner Addr 1:	--
County Code:	41	Owner Addr 2:	
County Name:	San Mateo	Owner City:	--
Mail Name:		Owner State:	99
Mailing Addr 1:	1 QUARRY RD	Owner Zip:	--
Mailing Addr 2:		Owner Phone:	0000000000
Owner Fax:			

Contact Information

--	--
Contact Name:	--
Street Address 1:	_____INCTV PER
Street Address 2:	VQ97 NJ
City:	--
State:	99
Zip:	--
Phone:	--
--	--

1	19 of 21	-	0.00 / 0.00	197.32 / -29	KEHOE TRUCKING 1 QUARRY RD BRISBANE CA 94005	HAZNET

SIC Code:		Mailing City:	SAN FRANCISCO
NAICS Code:		Mailing State:	CA
EPA ID:	CAC002608766	Mailing Zip:	94124
Create Date:	9/26/2006	Region Code:	2
Fac Act Ind:	No	Owner Name:	JOHN KEHOE
Inact Date:	3/26/2007	Owner Addr 1:	50 MENDELL ST
County Code:	41	Owner Addr 2:	
County Name:	San Mateo	Owner City:	SAN FRANCISCO
Mail Name:		Owner State:	CA
Mailing Addr 1:	50 MENDELL ST	Owner Zip:	94124
Mailing Addr 2:		Owner Phone:	4157167988
Owner Fax:			

Contact Information

--	--
Contact Name:	JOHN KEHOE
Street Address 1:	50 MENDELL ST
Street Address 2:	
City:	SAN FRANCISCO
State:	CA
Zip:	94124
Phone:	4157167988
--	--
--	--

Tanner Information

--	--
Generator EPA ID:	CAC002608766
Generator County Code:	41
Generator County:	San Mateo
TSD EPA ID:	CAD028409019
TSD County Code:	19
TSD County:	Los Angeles
State Waste Code:	352

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

State Waste Code Desc.:	Other organic solids
Method Code:	H141
Method Description:	STORAGE, BULKING, AND/OR TRANSFER OFF SITE--NO TREATMENT/REOVERY (H010-H129) OR (H131-H135)
Tons:	0.375
Year:	2006
--	--
Generator EPA ID:	CAC002608766
Generator County Code:	41
Generator County:	San Mateo
TSD EPA ID:	CAD980887418
TSD County Code:	01
TSD County:	Alameda
State Waste Code:	221
State Waste Code Desc.:	Waste oil and mixed oil
Method Code:	H141
Method Description:	STORAGE, BULKING, AND/OR TRANSFER OFF SITE--NO TREATMENT/REOVERY (H010-H129) OR (H131-H135)
Tons:	0.5738
Year:	2006
--	--

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
1	20 of 21	-	0.00 / 0.00	197.32 / -29	**AMERICAN ROCK & ASPHALT INC** **1 OLD QUARRY ROAD** **BRISBANE CA 940050000**	HAZNET

SIC Code:	1499	**Mailing City:**	RICHMOND
NAICS Code:	212319	**Mailing State:**	CA
EPA ID:	CAL000113187	**Mailing Zip:**	948013756
Create Date:	4/5/1993	**Region Code:**	2
Fac Act Ind:	No	**Owner Name:**	CORP
Inact Date:	6/30/1997	**Owner Addr 1:**	961 WESTERN DR
County Code:	41	**Owner Addr 2:**	
County Name:	San Mateo	**Owner City:**	RICHMOND
Mail Name:		**Owner State:**	CA
Mailing Addr 1:	961 WESTERN DR	**Owner Zip:**	948013756
Mailing Addr 2:		**Owner Phone:**	5102338362
Owner Fax:			

Contact Information

--	--
Contact Name:	TOM MANKINS/SUPT
Street Address 1:	1 OLD QUARRY ROAD___INCTV PER
Street Address 2:	VQ97 NJ
City:	BRISBANE
State:	CA
Zip:	948010000
Phone:	4154670720
--	--

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
1	21 of 21	-	0.00 / 0.00	197.32 / -29	**CALIFORNIA ROCK AND ASPHALT** **#1 OLD QUARRY RD** **BRISBANE CA 940050000**	HAZNET

SIC Code:		**Mailing City:**	BRISBANE
NAICS Code:		**Mailing State:**	CA
EPA ID:	CAL000160468	**Mailing Zip:**	940050000
Create Date:	5/28/1996	**Region Code:**	2
Fac Act Ind:	No	**Owner Name:**	CAL ROCK AND ASPHALT
Inact Date:	6/30/1997	**Owner Addr 1:**	1 QUARRY RD
County Code:	41	**Owner Addr 2:**	
County Name:	San Mateo	**Owner City:**	BRISBANE
Mail Name:		**Owner State:**	CA
Mailing Addr 1:	1 QUARRY RD	**Owner Zip:**	--
Mailing Addr 2:		**Owner Phone:**	0000000000

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Owner Fax:

Contact Information

--	--
Contact Name:	VIRGIL GARNER
Street Address 1:	1 QUARRY RD_____INCTV PER
Street Address 2:	VQ97 NJ
City:	BRISBANE
State:	CA
Zip:	--
Phone:	--
--	--

---

2 | **1 of 1** | **SSE** | **0.01 / 45.53** | **203.13 / -23** | **EVANS BROTHERS INC** | **MINES**

Brisbane CA

Mine ID:	0400174	**SIC:**	142902
Entity Name:	GUADALUPE	**Secondary SIC 1:**	000000
Status Code:	1	**Secondary SIC 2:**	000000
Mine Status:	Full-Time Permanent	**Secondary SIC 3:**	000000
Status Date:	19890403	**Secondary SIC 4:**	000000
Operation Class:	2	**Secondary SIC 5:**	000000
Company Type:	Corporation	**Mines Prim SIC CD:**	142902
Assess Ctrl No:	000435460	**Primary SIC:**	Crushed, Broken Sandstone
Current Mine Name:	Guadalupe	**Primary SIC CD 1:**	1429
Current Mine Type:	Surface	**Primary SIC CD SFX:**	02
Current Mine Status:	Active	**Secondary SIC CD:**	
Current Status Dt:	04/03/1989	**Secondary SIC:**	
Current Controller ID:	0118621	**Secondary SIC CD 1:**	
Curr Controller Name:	Dan Evans	**Sec SIC CD Sfx:**	
Curr Cont Begin Dt:	08/04/2007	**Primary Canvass CD:**	6
Curr Operator ID:	0091225	**Primary Canvass:**	Stone
Curr Operator Name:	Evans Brothers Inc	**Sec Canvass CD:**	
Coal Metal Ind:	M	**Secondary Canvass:**	
Mines State:	CA	**Lat Deg:**	37
No of Shops:	0	**Lat Min:**	41
No of Plants:	0	**Lat Sec:**	13
No of Pits:	000	**Long Deg:**	122
Current 103I:	Never Had 103I Status	**Long Min:**	25
Current 103I Dt:		**Long Sec:**	09
Portable Operation:	No	**Longitude:**	122.419167
Portable FIPS St CD:		**Latitude:**	37.687222
Days Per Week:	5	**County Code:**	081
Hours Per Shift:	8	**State Code:**	06
Prod Shifts Per Day:	1	**District:**	M7
Maint Shifts Per Day:	0	**BOM State CD:**	04
No Employees:	9	**FIPS Cnty CD:**	081
Part48 Training:	Yes	**FIPS Cnty Nm:**	San Mateo
Avg Mine Height:		**Cong Dist CD:**	12
Mine Gas Ctgry CD:		**Contact Title:**	Vice President
Methane Liberation:		**Street:**	1 OLD QUARRY ROAD
No Producing Pits:		**Po Box:**	
No Non-Prod Pits:		**City:**	BRISBANE
No Tailing Ponds:	2	**State Abbr:**	CA
Pillar Recovery Used:	No	**FIPS State CD:**	06
Highwall Miner Used:	No	**State:**	California
Multiple Pits:	No	**Zip CD:**	94005
Miners Rep Ind:	No	**Country:**	USA
Safety Committee Ind:	No	**Province:**	
Miles from Office:	60	**Postal CD:**	
Directions to Mine:	80W through SF to 101S, exit Sierra Pt Pkwy/Brisbane, R toward downtown Brisbane, L on Tunnel Ave, R on Guadalupe Pkwy, L on Valley, L on South Hill Dr, mine enterance .8 miles (From kSo. SF, 101N exit Brisbane/Cow Palace, left on Valley, Left on South Hill	**Primary SIC CD:**	Crushed, Broken Sandstone
Office CD:	M7821	**State Abbrev:**	CA

Office Name: Vacaville CA Field Office
Status Description: The mine is actively being worked.
Source File Desc: Master Index File;Mines Data Set

--Details--

Event No: 1121020
Mine Name: Guadalupe
Mine Type: Surface
Controller ID: M11038
Controller Name: Estate of David(Sam) Johnson; Brad Johnson
Inspection Begin Dt: 10/06/2003
Inspection End Dt: 10/08/2003
Violation No: 6348356
Violator ID: L14461
Violator Name: California Rock & Asphalt Inc
Violator Type CD: Operator
Violation Issue Dt: 10/07/2003
Violation Issue Time: 1000
Violation Occur Dt: 10/07/2003
Violator Violation Cnt: 40
Violator Insp Day Cnt: 21
Contractor ID:
Cit Ord Safe: Citation
Orig Term Due Dt:
Orig Term Due Tm:
Latest Term Due Dt: 10/07/2003
Latest Term Due Tm: 1500
Termination Dt: 10/07/2003
Termination Time: 1005
Termination Type: Terminated
Vacate Dt:
Vacate Time:
Assess Case Stat Cd: Closed
Docket No:
Docket Stat Cd:
Contested Dt:

Initial Viol No:
Replaced by Ord No:
Likelihood: Unlikely
Inj Illness: Permanent
No Affected: 1
Negligence: ModNegligence
Written Notice:
Enforcement Area:
Special Assess: No
Primary or Mill: Primary
Right to Conf Dt: 10/07/2003
Asmt Generated Ind: No
Final Ord Issue Dt: 03/05/2004
Proposed Penalty: 60
Amount Due: 60
Amount Paid: 60
Bill Print Dt: 01/06/2004
Last Action Cd: Paid
Last Action Dt: 02/09/2004
Coal Metal Ind: M
Cal Yr: 2003
Cal Qtr: 4
Fiscal Yr: 2004
Fiscal Qtr: 1
Sig Sub: No
Section of Act:
Part Section: 56.11003
Section of Act 1: 104(a)
Section of Act 2:
Contested Ind: No

Event No: 1139855
Mine Name: Guadalupe
Mine Type: Surface
Controller ID: 0076453
Controller Name: Dan Evans; Wayne Evans
Inspection Begin Dt: 10/07/2008
Inspection End Dt: 10/09/2008
Violation No: 6442778
Violator ID: 0091225
Violator Name: Evans Brothers Inc
Violator Type CD: Operator
Violation Issue Dt: 10/07/2008
Violation Issue Time: 1425
Violation Occur Dt: 10/07/2008
Violator Violation Cnt: 17
Violator Insp Day Cnt: 8
Contractor ID:
Cit Ord Safe: Citation
Orig Term Due Dt: 10/08/2008
Orig Term Due Tm: 1630
Latest Term Due Dt: 10/08/2008
Latest Term Due Tm: 1630
Termination Dt: 10/09/2008
Termination Time: 0810
Termination Type: Terminated
Vacate Dt:
Vacate Time:
Assess Case Stat Cd: Closed
Docket No: WEST 2009-325M
Docket Stat Cd: Accepted
Contested Dt: 12/24/2008

Initial Viol No:
Replaced by Ord No:
Likelihood: Reasonably
Inj Illness: LostDays
No Affected: 1
Negligence: HighNegligence
Written Notice:
Enforcement Area:
Special Assess: No
Primary or Mill: Primary
Right to Conf Dt:
Asmt Generated Ind: No
Final Ord Issue Dt: 04/02/2010
Proposed Penalty: 2000
Amount Due: 2000
Amount Paid: 2000
Bill Print Dt: 12/10/2008
Last Action Cd: Paid
Last Action Dt: 04/12/2010
Coal Metal Ind: M
Cal Yr: 2008
Cal Qtr: 4
Fiscal Yr: 2009
Fiscal Qtr: 1
Sig Sub: Yes
Section of Act:
Part Section: 56.11001
Section of Act 1: 104(d)(1)
Section of Act 2:
Contested Ind: Yes

Event No:	0646848	**Initial Viol No:**	
Mine Name:	Guadalupe	**Replaced by Ord No:**	
Mine Type:	Surface	**Likelihood:**	Reasonably
Controller ID:	M11038	**Inj Illness:**	Fatal
Controller Name:	Estate of David(Sam) Johnson; Brad Johnson	**No Affected:**	1
Inspection Begin Dt:	08/28/2002	**Negligence:**	ModNegligence
Inspection End Dt:	08/29/2002	**Written Notice:**	
Violation No:	6337555	**Enforcement Area:**	
Violator ID:	L14461	**Special Assess:**	No
Violator Name:	California Rock & Asphalt Inc	**Primary or Mill:**	Primary
Violator Type CD:	Operator	**Right to Conf Dt:**	08/28/2002
Violation Issue Dt:	08/28/2002	**Asmt Generated Ind:**	No
Violation Issue Time:	0930	**Final Ord Issue Dt:**	02/25/2003
Violation Occur Dt:	08/28/2002	**Proposed Penalty:**	242
Violator Violation Cnt:	0	**Amount Due:**	242
Violator Insp Day Cnt:	0	**Amount Paid:**	242
Contractor ID:		**Bill Print Dt:**	01/23/2003
Cit Ord Safe:	Citation	**Last Action Cd:**	Paid
Orig Term Due Dt:		**Last Action Dt:**	02/25/2003
Orig Term Due Tm:		**Coal Metal Ind:**	M
Latest Term Due Dt:	08/28/2002	**Cal Yr:**	2002
Latest Term Due Tm:	1000	**Cal Qtr:**	3
Termination Dt:	08/28/2002	**Fiscal Yr:**	2002
Termination Time:	0945	**Fiscal Qtr:**	4
Termination Type:	Terminated	**Sig Sub:**	Yes
Vacate Dt:		**Section of Act:**	
Vacate Time:		**Part Section:**	56.14112(b)
Assess Case Stat Cd:	Closed	**Section of Act 1:**	104(a)
Docket No:		**Section of Act 2:**	
Docket Stat Cd:		**Contested Ind:**	No
Contested Dt:			

Event No:	1162004	**Initial Viol No:**	
Mine Name:	Guadalupe	**Replaced by Ord No:**	
Mine Type:	Surface	**Likelihood:**	Unlikely
Controller ID:	0076453	**Inj Illness:**	LostDays
Controller Name:	Dan Evans; Wayne Evans	**No Affected:**	1
Inspection Begin Dt:	11/02/2010	**Negligence:**	ModNegligence
Inspection End Dt:	11/03/2010	**Written Notice:**	
Violation No:	6386032	**Enforcement Area:**	
Violator ID:	0091225	**Special Assess:**	No
Violator Name:	Evans Brothers Inc	**Primary or Mill:**	Primary
Violator Type CD:	Operator	**Right to Conf Dt:**	
Violation Issue Dt:	11/02/2010	**Asmt Generated Ind:**	No
Violation Issue Time:	0955	**Final Ord Issue Dt:**	01/27/2011
Violation Occur Dt:	11/02/2010	**Proposed Penalty:**	100
Violator Violation Cnt:	3	**Amount Due:**	100
Violator Insp Day Cnt:	6	**Amount Paid:**	100
Contractor ID:		**Bill Print Dt:**	12/08/2010
Cit Ord Safe:	Citation	**Last Action Cd:**	Paid
Orig Term Due Dt:	11/02/2010	**Last Action Dt:**	01/05/2011
Orig Term Due Tm:	1100	**Coal Metal Ind:**	M
Latest Term Due Dt:	11/02/2010	**Cal Yr:**	2010
Latest Term Due Tm:	1100	**Cal Qtr:**	4
Termination Dt:	11/02/2010	**Fiscal Yr:**	2011
Termination Time:	1520	**Fiscal Qtr:**	1
Termination Type:	Terminated	**Sig Sub:**	No
Vacate Dt:		**Section of Act:**	
Vacate Time:		**Part Section:**	56.4101
Assess Case Stat Cd:	Closed	**Section of Act 1:**	104(a)
Docket No:		**Section of Act 2:**	
Docket Stat Cd:		**Contested Ind:**	No
Contested Dt:			

Event No:	0647061	**Initial Viol No:**	
Mine Name:	Guadalupe	**Replaced by Ord No:**	
Mine Type:	Surface	**Likelihood:**	Reasonably
Controller ID:	M11038	**Inj Illness:**	LostDays

Controller Name:	Estate of David(Sam) Johnson; Brad Johnson	**No Affected:**	1
Inspection Begin Dt:	05/29/2002	**Negligence:**	ModNegligence
Inspection End Dt:	05/30/2002	**Written Notice:**	
Violation No:	6333664	**Enforcement Area:**	
Violator ID:	L14461	**Special Assess:**	No
Violator Name:	California Rock & Asphalt Inc	**Primary or Mill:**	Primary
Violator Type CD:	Operator	**Right to Conf Dt:**	05/29/2002
Violation Issue Dt:	05/29/2002	**Asmt Generated Ind:**	No
Violation Issue Time:	1207	**Final Ord Issue Dt:**	08/06/2002
Violation Occur Dt:	05/29/2002	**Proposed Penalty:**	150
Violator Violation Cnt:	0	**Amount Due:**	150
Violator Insp Day Cnt:	0	**Amount Paid:**	150
Contractor ID:		**Bill Print Dt:**	07/05/2002
Cit Ord Safe:	Citation	**Last Action Cd:**	Paid
Orig Term Due Dt:		**Last Action Dt:**	08/06/2002
Orig Term Due Tm:		**Coal Metal Ind:**	M
Latest Term Due Dt:	05/29/2002	**Cal Yr:**	2002
Latest Term Due Tm:	1300	**Cal Qtr:**	2
Termination Dt:	05/29/2002	**Fiscal Yr:**	2002
Termination Time:	1210	**Fiscal Qtr:**	3
Termination Type:	Terminated	**Sig Sub:**	Yes
Vacate Dt:		**Section of Act:**	
Vacate Time:		**Part Section:**	56.11003
Assess Case Stat Cd:	Closed	**Section of Act 1:**	104(a)
Docket No:		**Section of Act 2:**	
Docket Stat Cd:		**Contested Ind:**	No
Contested Dt:			

Event No:	1139725	**Initial Viol No:**	
Mine Name:	Guadalupe	**Replaced by Ord No:**	
Mine Type:	Surface	**Likelihood:**	Reasonably
Controller ID:	0076453	**Inj Illness:**	LostDays
Controller Name:	Dan Evans; Wayne Evans	**No Affected:**	1
Inspection Begin Dt:	02/27/2008	**Negligence:**	ModNegligence
Inspection End Dt:	03/03/2008	**Written Notice:**	
Violation No:	6442563	**Enforcement Area:**	
Violator ID:	0091225	**Special Assess:**	No
Violator Name:	Evans Brothers Inc	**Primary or Mill:**	Primary
Violator Type CD:	Operator	**Right to Conf Dt:**	
Violation Issue Dt:	02/28/2008	**Asmt Generated Ind:**	No
Violation Issue Time:	0845	**Final Ord Issue Dt:**	09/12/2008
Violation Occur Dt:	02/28/2008	**Proposed Penalty:**	100
Violator Violation Cnt:	0	**Amount Due:**	100
Violator Insp Day Cnt:	4	**Amount Paid:**	100
Contractor ID:		**Bill Print Dt:**	08/06/2008
Cit Ord Safe:	Citation	**Last Action Cd:**	Paid
Orig Term Due Dt:	02/28/2008	**Last Action Dt:**	12/01/2008
Orig Term Due Tm:	0900	**Coal Metal Ind:**	M
Latest Term Due Dt:	02/28/2008	**Cal Yr:**	2008
Latest Term Due Tm:	0900	**Cal Qtr:**	1
Termination Dt:	02/28/2008	**Fiscal Yr:**	2008
Termination Time:	0915	**Fiscal Qtr:**	2
Termination Type:	Terminated	**Sig Sub:**	Yes
Vacate Dt:		**Section of Act:**	
Vacate Time:		**Part Section:**	56.14110
Assess Case Stat Cd:	Closed	**Section of Act 1:**	104(a)
Docket No:		**Section of Act 2:**	
Docket Stat Cd:		**Contested Ind:**	No
Contested Dt:			

Event No:	1155070	**Initial Viol No:**	
Mine Name:	Guadalupe	**Replaced by Ord No:**	
Mine Type:	Surface	**Likelihood:**	Unlikely
Controller ID:	0076453	**Inj Illness:**	Permanent
Controller Name:	Dan Evans; Wayne Evans	**No Affected:**	1
Inspection Begin Dt:	08/24/2010	**Negligence:**	ModNegligence
Inspection End Dt:	08/25/2010	**Written Notice:**	
Violation No:	8561452	**Enforcement Area:**	
Violator ID:	0091225	**Special Assess:**	No

Violator Name:	Evans Brothers Inc	**Primary or Mill:**	Primary
Violator Type CD:	Operator	**Right to Conf Dt:**	
Violation Issue Dt:	08/24/2010	**Asmt Generated Ind:**	No
Violation Issue Time:	1000	**Final Ord Issue Dt:**	08/02/2011
Violation Occur Dt:	08/24/2010	**Proposed Penalty:**	100
Violator Violation Cnt:	6	**Amount Due:**	100
Violator Insp Day Cnt:	3	**Amount Paid:**	100
Contractor ID:		**Bill Print Dt:**	10/06/2010
Cit Ord Safe:	Citation	**Last Action Cd:**	Paid
Orig Term Due Dt:	08/25/2010	**Last Action Dt:**	09/26/2011
Orig Term Due Tm:	0800	**Coal Metal Ind:**	M
Latest Term Due Dt:	08/25/2010	**Cal Yr:**	2010
Latest Term Due Tm:	0800	**Cal Qtr:**	3
Termination Dt:	08/25/2010	**Fiscal Yr:**	2010
Termination Time:	0825	**Fiscal Qtr:**	4
Termination Type:	Terminated	**Sig Sub:**	No
Vacate Dt:		**Section of Act:**	
Vacate Time:		**Part Section:**	56.14112(b)
Assess Case Stat Cd:	Closed	**Section of Act 1:**	104(a)
Docket No:	WEST 2011-169M	**Section of Act 2:**	
Docket Stat Cd:	Accepted	**Contested Ind:**	Yes
Contested Dt:	10/27/2010		

Event No:	1139855	**Initial Viol No:**	
Mine Name:	Guadalupe	**Replaced by Ord No:**	
Mine Type:	Surface	**Likelihood:**	Unlikely
Controller ID:	0076453	**Inj Illness:**	Permanent
Controller Name:	Dan Evans; Wayne Evans	**No Affected:**	1
Inspection Begin Dt:	10/07/2008	**Negligence:**	ModNegligence
Inspection End Dt:	10/09/2008	**Written Notice:**	
Violation No:	6442781	**Enforcement Area:**	
Violator ID:	0091225	**Special Assess:**	No
Violator Name:	Evans Brothers Inc	**Primary or Mill:**	Primary
Violator Type CD:	Operator	**Right to Conf Dt:**	
Violation Issue Dt:	10/07/2008	**Asmt Generated Ind:**	No
Violation Issue Time:	1505	**Final Ord Issue Dt:**	01/14/2009
Violation Occur Dt:	10/07/2008	**Proposed Penalty:**	162
Violator Violation Cnt:	17	**Amount Due:**	162
Violator Insp Day Cnt:	8	**Amount Paid:**	162
Contractor ID:		**Bill Print Dt:**	12/10/2008
Cit Ord Safe:	Citation	**Last Action Cd:**	Paid
Orig Term Due Dt:	10/08/2008	**Last Action Dt:**	02/04/2009
Orig Term Due Tm:	0800	**Coal Metal Ind:**	M
Latest Term Due Dt:	10/08/2008	**Cal Yr:**	2008
Latest Term Due Tm:	0800	**Cal Qtr:**	4
Termination Dt:	10/08/2008	**Fiscal Yr:**	2009
Termination Time:	0820	**Fiscal Qtr:**	1
Termination Type:	Terminated	**Sig Sub:**	No
Vacate Dt:		**Section of Act:**	
Vacate Time:		**Part Section:**	56.14107(a)
Assess Case Stat Cd:	Closed	**Section of Act 1:**	104(a)
Docket No:		**Section of Act 2:**	
Docket Stat Cd:		**Contested Ind:**	No
Contested Dt:			

Event No:	0614484	**Initial Viol No:**	
Mine Name:	Guadalupe	**Replaced by Ord No:**	
Mine Type:	Surface	**Likelihood:**	Reasonably
Controller ID:	M11038	**Inj Illness:**	LostDays
Controller Name:	Estate of David(Sam) Johnson; Brad Johnson	**No Affected:**	1
Inspection Begin Dt:	10/10/2000	**Negligence:**	ModNegligence
Inspection End Dt:	10/17/2000	**Written Notice:**	
Violation No:	7987483	**Enforcement Area:**	
Violator ID:	L14461	**Special Assess:**	No
Violator Name:	California Rock & Asphalt Inc	**Primary or Mill:**	Primary
Violator Type CD:	Operator	**Right to Conf Dt:**	10/11/2000
Violation Issue Dt:	10/11/2000	**Asmt Generated Ind:**	No
Violation Issue Time:	1250	**Final Ord Issue Dt:**	01/10/2001
Violation Occur Dt:	10/11/2000	**Proposed Penalty:**	173

Violator Violation Cnt:	0	**Amount Due:**	173
Violator Insp Day Cnt:	0	**Amount Paid:**	173
Contractor ID:		**Bill Print Dt:**	12/08/2000
Cit Ord Safe:	Citation	**Last Action Cd:**	Paid
Orig Term Due Dt:		**Last Action Dt:**	01/10/2001
Orig Term Due Tm:		**Coal Metal Ind:**	M
Latest Term Due Dt:	10/11/2000	**Cal Yr:**	2000
Latest Term Due Tm:	1315	**Cal Qtr:**	4
Termination Dt:	10/17/2000	**Fiscal Yr:**	2001
Termination Time:	1400	**Fiscal Qtr:**	1
Termination Type:	Terminated	**Sig Sub:**	Yes
Vacate Dt:		**Section of Act:**	
Vacate Time:		**Part Section:**	56.14101(a)(2)
Assess Case Stat Cd:	Closed	**Section of Act 1:**	104(a)
Docket No:		**Section of Act 2:**	
Docket Stat Cd:		**Contested Ind:**	No
Contested Dt:			

Event No:	0646848	**Initial Viol No:**	
Mine Name:	Guadalupe	**Replaced by Ord No:**	
Mine Type:	Surface	**Likelihood:**	Reasonably
Controller ID:	M11038	**Inj Illness:**	Permanent
Controller Name:	Estate of David(Sam) Johnson; Brad Johnson	**No Affected:**	1
Inspection Begin Dt:	08/28/2002	**Negligence:**	ModNegligence
Inspection End Dt:	08/29/2002	**Written Notice:**	
Violation No:	6337553	**Enforcement Area:**	
Violator ID:	L14461	**Special Assess:**	No
Violator Name:	California Rock & Asphalt Inc	**Primary or Mill:**	Primary
Violator Type CD:	Operator	**Right to Conf Dt:**	08/28/2002
Violation Issue Dt:	08/28/2002	**Asmt Generated Ind:**	No
Violation Issue Time:	0900	**Final Ord Issue Dt:**	11/30/2002
Violation Occur Dt:	08/28/2002	**Proposed Penalty:**	196
Violator Violation Cnt:	0	**Amount Due:**	196
Violator Insp Day Cnt:	0	**Amount Paid:**	196
Contractor ID:		**Bill Print Dt:**	10/18/2002
Cit Ord Safe:	Citation	**Last Action Cd:**	Paid
Orig Term Due Dt:		**Last Action Dt:**	11/19/2002
Orig Term Due Tm:		**Coal Metal Ind:**	M
Latest Term Due Dt:	08/28/2002	**Cal Yr:**	2002
Latest Term Due Tm:	0930	**Cal Qtr:**	3
Termination Dt:	08/28/2002	**Fiscal Yr:**	2002
Termination Time:	0915	**Fiscal Qtr:**	4
Termination Type:	Terminated	**Sig Sub:**	Yes
Vacate Dt:		**Section of Act:**	
Vacate Time:		**Part Section:**	56.14112(b)
Assess Case Stat Cd:	Closed	**Section of Act 1:**	104(a)
Docket No:		**Section of Act 2:**	
Docket Stat Cd:		**Contested Ind:**	No
Contested Dt:			

Event No:	6663641	**Initial Viol No:**	
Mine Name:	Guadalupe	**Replaced by Ord No:**	
Mine Type:	Surface	**Likelihood:**	Unlikely
Controller ID:	0118621	**Inj Illness:**	LostDays
Controller Name:	Dan Evans	**No Affected:**	1
Inspection Begin Dt:	06/30/2015	**Negligence:**	ModNegligence
Inspection End Dt:	07/01/2015	**Written Notice:**	
Violation No:	8793302	**Enforcement Area:**	
Violator ID:	0091225	**Special Assess:**	No
Violator Name:	Evans Brothers Inc	**Primary or Mill:**	Primary
Violator Type CD:	Operator	**Right to Conf Dt:**	
Violation Issue Dt:	06/30/2015	**Asmt Generated Ind:**	No
Violation Issue Time:	0900	**Final Ord Issue Dt:**	10/18/2015
Violation Occur Dt:	06/30/2015	**Proposed Penalty:**	100
Violator Violation Cnt:	2	**Amount Due:**	100
Violator Insp Day Cnt:	4	**Amount Paid:**	100
Contractor ID:		**Bill Print Dt:**	08/05/2015
Cit Ord Safe:	Citation	**Last Action Cd:**	Paid
Orig Term Due Dt:	06/30/2015	**Last Action Dt:**	09/29/2015

Orig Term Due Tm:	1500	**Coal Metal Ind:**	M
Latest Term Due Dt:	06/30/2015	**Cal Yr:**	2015
Latest Term Due Tm:	1500	**Cal Qtr:**	2
Termination Dt:	07/01/2015	**Fiscal Yr:**	2015
Termination Time:	0830	**Fiscal Qtr:**	3
Termination Type:	Terminated	**Sig Sub:**	No
Vacate Dt:		**Section of Act:**	
Vacate Time:		**Part Section:**	56.12028
Assess Case Stat Cd:	Closed	**Section of Act 1:**	104(a)
Docket No:		**Section of Act 2:**	
Docket Stat Cd:		**Contested Ind:**	No
Contested Dt:			

Event No:	0647047	**Initial Viol No:**	
Mine Name:	Guadalupe	**Replaced by Ord No:**	
Mine Type:	Surface	**Likelihood:**	Reasonably
Controller ID:	M11038	**Inj Illness:**	LostDays
Controller Name:	Estate of David(Sam) Johnson; Brad Johnson	**No Affected:**	1
Inspection Begin Dt:	03/11/2003	**Negligence:**	ModNegligence
Inspection End Dt:	03/14/2003	**Written Notice:**	
Violation No:	6353003	**Enforcement Area:**	
Violator ID:	L14461	**Special Assess:**	No
Violator Name:	California Rock & Asphalt Inc	**Primary or Mill:**	Primary
Violator Type CD:	Operator	**Right to Conf Dt:**	03/12/2003
Violation Issue Dt:	03/12/2003	**Asmt Generated Ind:**	No
Violation Issue Time:	1035	**Final Ord Issue Dt:**	08/06/2003
Violation Occur Dt:	03/12/2003	**Proposed Penalty:**	184
Violator Violation Cnt:	0	**Amount Due:**	184
Violator Insp Day Cnt:	0	**Amount Paid:**	184
Contractor ID:		**Bill Print Dt:**	06/11/2003
Cit Ord Safe:	Citation	**Last Action Cd:**	Paid
Orig Term Due Dt:		**Last Action Dt:**	07/14/2003
Orig Term Due Tm:		**Coal Metal Ind:**	M
Latest Term Due Dt:	03/12/2003	**Cal Yr:**	2003
Latest Term Due Tm:	1600	**Cal Qtr:**	1
Termination Dt:	03/12/2003	**Fiscal Yr:**	2003
Termination Time:	1210	**Fiscal Qtr:**	2
Termination Type:	Terminated	**Sig Sub:**	Yes
Vacate Dt:		**Section of Act:**	
Vacate Time:		**Part Section:**	56.11002
Assess Case Stat Cd:	Closed	**Section of Act 1:**	104(a)
Docket No:		**Section of Act 2:**	
Docket Stat Cd:		**Contested Ind:**	No
Contested Dt:			

Event No:	0646848	**Initial Viol No:**	
Mine Name:	Guadalupe	**Replaced by Ord No:**	
Mine Type:	Surface	**Likelihood:**	Unlikely
Controller ID:	M11038	**Inj Illness:**	Permanent
Controller Name:	Estate of David(Sam) Johnson; Brad Johnson	**No Affected:**	1
Inspection Begin Dt:	08/28/2002	**Negligence:**	ModNegligence
Inspection End Dt:	08/29/2002	**Written Notice:**	
Violation No:	6337554	**Enforcement Area:**	
Violator ID:	L14461	**Special Assess:**	No
Violator Name:	California Rock & Asphalt Inc	**Primary or Mill:**	Primary
Violator Type CD:	Operator	**Right to Conf Dt:**	08/28/2002
Violation Issue Dt:	08/28/2002	**Asmt Generated Ind:**	No
Violation Issue Time:	0920	**Final Ord Issue Dt:**	11/30/2002
Violation Occur Dt:	08/28/2002	**Proposed Penalty:**	55
Violator Violation Cnt:	0	**Amount Due:**	55
Violator Insp Day Cnt:	0	**Amount Paid:**	55
Contractor ID:		**Bill Print Dt:**	10/18/2002
Cit Ord Safe:	Citation	**Last Action Cd:**	Paid
Orig Term Due Dt:		**Last Action Dt:**	11/19/2002
Orig Term Due Tm:		**Coal Metal Ind:**	M
Latest Term Due Dt:	08/28/2002	**Cal Yr:**	2002
Latest Term Due Tm:	1500	**Cal Qtr:**	3
Termination Dt:	08/28/2002	**Fiscal Yr:**	2002
Termination Time:	1000	**Fiscal Qtr:**	4

Termination Type:	Terminated	**Sig Sub:**	No
Vacate Dt:		**Section of Act:**	
Vacate Time:		**Part Section:**	56.12034
Assess Case Stat Cd:	Closed	**Section of Act 1:**	104(a)
Docket No:		**Section of Act 2:**	
Docket Stat Cd:		**Contested Ind:**	No
Contested Dt:			

Event No:	1125151	**Initial Viol No:**	
Mine Name:	Guadalupe	**Replaced by Ord No:**	
Mine Type:	Surface	**Likelihood:**	Reasonably
Controller ID:	M11038	**Inj Illness:**	Permanent
Controller Name:	Estate of David(Sam) Johnson; Brad Johnson	**No Affected:**	1
Inspection Begin Dt:	07/06/2005	**Negligence:**	ModNegligence
Inspection End Dt:	07/08/2005	**Written Notice:**	
Violation No:	6366960	**Enforcement Area:**	
Violator ID:	L14461	**Special Assess:**	No
Violator Name:	California Rock & Asphalt Inc	**Primary or Mill:**	Primary
Violator Type CD:	Operator	**Right to Conf Dt:**	
Violation Issue Dt:	07/07/2005	**Asmt Generated Ind:**	No
Violation Issue Time:	1250	**Final Ord Issue Dt:**	03/10/2006
Violation Occur Dt:	07/07/2005	**Proposed Penalty:**	247
Violator Violation Cnt:	24	**Amount Due:**	247
Violator Insp Day Cnt:	18	**Amount Paid:**	247
Contractor ID:		**Bill Print Dt:**	09/06/2005
Cit Ord Safe:	Citation	**Last Action Cd:**	Paid
Orig Term Due Dt:	07/07/2005	**Last Action Dt:**	10/12/2005
Orig Term Due Tm:	1300	**Coal Metal Ind:**	M
Latest Term Due Dt:	07/07/2005	**Cal Yr:**	2005
Latest Term Due Tm:	1300	**Cal Qtr:**	3
Termination Dt:	07/07/2005	**Fiscal Yr:**	2005
Termination Time:	1300	**Fiscal Qtr:**	4
Termination Type:	Terminated	**Sig Sub:**	Yes
Vacate Dt:		**Section of Act:**	
Vacate Time:		**Part Section:**	56.12013(b)
Assess Case Stat Cd:	Closed	**Section of Act 1:**	104(a)
Docket No:		**Section of Act 2:**	
Docket Stat Cd:		**Contested Ind:**	No
Contested Dt:			

Event No:	1155070	**Initial Viol No:**	
Mine Name:	Guadalupe	**Replaced by Ord No:**	
Mine Type:	Surface	**Likelihood:**	Reasonably
Controller ID:	0076453	**Inj Illness:**	Fatal
Controller Name:	Dan Evans; Wayne Evans	**No Affected:**	1
Inspection Begin Dt:	08/24/2010	**Negligence:**	ModNegligence
Inspection End Dt:	08/25/2010	**Written Notice:**	
Violation No:	8561453	**Enforcement Area:**	
Violator ID:	0091225	**Special Assess:**	No
Violator Name:	Evans Brothers Inc	**Primary or Mill:**	Primary
Violator Type CD:	Operator	**Right to Conf Dt:**	
Violation Issue Dt:	08/24/2010	**Asmt Generated Ind:**	No
Violation Issue Time:	1022	**Final Ord Issue Dt:**	08/02/2011
Violation Occur Dt:	08/24/2010	**Proposed Penalty:**	285
Violator Violation Cnt:	6	**Amount Due:**	285
Violator Insp Day Cnt:	3	**Amount Paid:**	285
Contractor ID:		**Bill Print Dt:**	10/06/2010
Cit Ord Safe:	Citation	**Last Action Cd:**	Paid
Orig Term Due Dt:	08/25/2010	**Last Action Dt:**	09/26/2011
Orig Term Due Tm:	0800	**Coal Metal Ind:**	M
Latest Term Due Dt:	08/25/2010	**Cal Yr:**	2010
Latest Term Due Tm:	0800	**Cal Qtr:**	3
Termination Dt:	08/25/2010	**Fiscal Yr:**	2010
Termination Time:	0830	**Fiscal Qtr:**	4
Termination Type:	Terminated	**Sig Sub:**	Yes
Vacate Dt:		**Section of Act:**	
Vacate Time:		**Part Section:**	56.14107(a)
Assess Case Stat Cd:	Closed	**Section of Act 1:**	104(a)
Docket No:	WEST 2011-169M	**Section of Act 2:**	

Docket Stat Cd:	Accepted	**Contested Ind:**	Yes
Contested Dt:	10/27/2010		

Event No:	1139855	**Initial Viol No:**	
Mine Name:	Guadalupe	**Replaced by Ord No:**	
Mine Type:	Surface	**Likelihood:**	Unlikely
Controller ID:	0076453	**Inj Illness:**	Permanent
Controller Name:	Dan Evans; Wayne Evans	**No Affected:**	1
Inspection Begin Dt:	10/07/2008	**Negligence:**	ModNegligence
Inspection End Dt:	10/09/2008	**Written Notice:**	
Violation No:	6442782	**Enforcement Area:**	
Violator ID:	0091225	**Special Assess:**	No
Violator Name:	Evans Brothers Inc	**Primary or Mill:**	Primary
Violator Type CD:	Operator	**Right to Conf Dt:**	
Violation Issue Dt:	10/07/2008	**Asmt Generated Ind:**	No
Violation Issue Time:	1520	**Final Ord Issue Dt:**	01/14/2009
Violation Occur Dt:	10/07/2008	**Proposed Penalty:**	162
Violator Violation Cnt:	17	**Amount Due:**	162
Violator Insp Day Cnt:	8	**Amount Paid:**	162
Contractor ID:		**Bill Print Dt:**	12/10/2008
Cit Ord Safe:	Citation	**Last Action Cd:**	Paid
Orig Term Due Dt:	10/08/2008	**Last Action Dt:**	02/04/2009
Orig Term Due Tm:	0800	**Coal Metal Ind:**	M
Latest Term Due Dt:	10/08/2008	**Cal Yr:**	2008
Latest Term Due Tm:	0800	**Cal Qtr:**	4
Termination Dt:	10/08/2008	**Fiscal Yr:**	2009
Termination Time:	1100	**Fiscal Qtr:**	1
Termination Type:	Terminated	**Sig Sub:**	No
Vacate Dt:		**Section of Act:**	
Vacate Time:		**Part Section:**	56.14112(b)
Assess Case Stat Cd:	Closed	**Section of Act 1:**	104(a)
Docket No:		**Section of Act 2:**	
Docket Stat Cd:		**Contested Ind:**	No
Contested Dt:			

Event No:	1143173	**Initial Viol No:**	
Mine Name:	Guadalupe	**Replaced by Ord No:**	
Mine Type:	Surface	**Likelihood:**	Unlikely
Controller ID:	0076453	**Inj Illness:**	LostDays
Controller Name:	Dan Evans; Wayne Evans	**No Affected:**	1
Inspection Begin Dt:	03/18/2009	**Negligence:**	ModNegligence
Inspection End Dt:	03/19/2009	**Written Notice:**	
Violation No:	6443314	**Enforcement Area:**	
Violator ID:	0091225	**Special Assess:**	No
Violator Name:	Evans Brothers Inc	**Primary or Mill:**	Primary
Violator Type CD:	Operator	**Right to Conf Dt:**	
Violation Issue Dt:	03/18/2009	**Asmt Generated Ind:**	No
Violation Issue Time:	0913	**Final Ord Issue Dt:**	06/12/2009
Violation Occur Dt:	03/18/2009	**Proposed Penalty:**	127
Violator Violation Cnt:	26	**Amount Due:**	127
Violator Insp Day Cnt:	8	**Amount Paid:**	127
Contractor ID:		**Bill Print Dt:**	05/06/2009
Cit Ord Safe:	Citation	**Last Action Cd:**	Paid
Orig Term Due Dt:	03/18/2009	**Last Action Dt:**	06/05/2009
Orig Term Due Tm:	1200	**Coal Metal Ind:**	M
Latest Term Due Dt:	03/18/2009	**Cal Yr:**	2009
Latest Term Due Tm:	1200	**Cal Qtr:**	1
Termination Dt:	03/18/2009	**Fiscal Yr:**	2009
Termination Time:	1116	**Fiscal Qtr:**	2
Termination Type:	Terminated	**Sig Sub:**	No
Vacate Dt:		**Section of Act:**	
Vacate Time:		**Part Section:**	56.11003
Assess Case Stat Cd:	Closed	**Section of Act 1:**	104(a)
Docket No:		**Section of Act 2:**	
Docket Stat Cd:		**Contested Ind:**	No
Contested Dt:			

Event No:	0646987	**Initial Viol No:**	
Mine Name:	Guadalupe	**Replaced by Ord No:**	

Mine Type:	Surface	**Likelihood:**	Reasonably
Controller ID:	M11038	**Inj Illness:**	Fatal
Controller Name:	Estate of David(Sam) Johnson; Brad Johnson	**No Affected:**	1
Inspection Begin Dt:	11/08/2002	**Negligence:**	ModNegligence
Inspection End Dt:	11/08/2002	**Written Notice:**	
Violation No:	6337877	**Enforcement Area:**	
Violator ID:	L14461	**Special Assess:**	No
Violator Name:	California Rock & Asphalt Inc	**Primary or Mill:**	Primary
Violator Type CD:	Operator	**Right to Conf Dt:**	11/08/2002
Violation Issue Dt:	11/08/2002	**Asmt Generated Ind:**	No
Violation Issue Time:	1020	**Final Ord Issue Dt:**	09/17/2003
Violation Occur Dt:	11/08/2002	**Proposed Penalty:**	207
Violator Violation Cnt:	16	**Amount Due:**	207
Violator Insp Day Cnt:	19	**Amount Paid:**	207
Contractor ID:		**Bill Print Dt:**	08/05/2003
Cit Ord Safe:	Citation	**Last Action Cd:**	Paid
Orig Term Due Dt:		**Last Action Dt:**	10/02/2003
Orig Term Due Tm:		**Coal Metal Ind:**	M
Latest Term Due Dt:	11/08/2002	**Cal Yr:**	2002
Latest Term Due Tm:	1300	**Cal Qtr:**	4
Termination Dt:	11/08/2002	**Fiscal Yr:**	2003
Termination Time:	1316	**Fiscal Qtr:**	1
Termination Type:	Terminated	**Sig Sub:**	Yes
Vacate Dt:		**Section of Act:**	
Vacate Time:		**Part Section:**	56.11002
Assess Case Stat Cd:	Closed	**Section of Act 1:**	104(a)
Docket No:		**Section of Act 2:**	
Docket Stat Cd:		**Contested Ind:**	No
Contested Dt:			

Event No:	0647047	**Initial Viol No:**	
Mine Name:	Guadalupe	**Replaced by Ord No:**	
Mine Type:	Surface	**Likelihood:**	Unlikely
Controller ID:	M11038	**Inj Illness:**	Fatal
Controller Name:	Estate of David(Sam) Johnson; Brad Johnson	**No Affected:**	1
Inspection Begin Dt:	03/11/2003	**Negligence:**	ModNegligence
Inspection End Dt:	03/14/2003	**Written Notice:**	
Violation No:	6353004	**Enforcement Area:**	
Violator ID:	L14461	**Special Assess:**	No
Violator Name:	California Rock & Asphalt Inc	**Primary or Mill:**	Primary
Violator Type CD:	Operator	**Right to Conf Dt:**	03/12/2003
Violation Issue Dt:	03/12/2003	**Asmt Generated Ind:**	No
Violation Issue Time:	1115	**Final Ord Issue Dt:**	08/06/2003
Violation Occur Dt:	03/12/2003	**Proposed Penalty:**	55
Violator Violation Cnt:	0	**Amount Due:**	55
Violator Insp Day Cnt:	0	**Amount Paid:**	55
Contractor ID:		**Bill Print Dt:**	06/11/2003
Cit Ord Safe:	Citation	**Last Action Cd:**	Paid
Orig Term Due Dt:		**Last Action Dt:**	07/14/2003
Orig Term Due Tm:		**Coal Metal Ind:**	M
Latest Term Due Dt:	03/14/2003	**Cal Yr:**	2003
Latest Term Due Tm:	0600	**Cal Qtr:**	1
Termination Dt:	03/12/2003	**Fiscal Yr:**	2003
Termination Time:	1536	**Fiscal Qtr:**	2
Termination Type:	Terminated	**Sig Sub:**	No
Vacate Dt:		**Section of Act:**	
Vacate Time:		**Part Section:**	56.11012
Assess Case Stat Cd:	Closed	**Section of Act 1:**	104(a)
Docket No:		**Section of Act 2:**	
Docket Stat Cd:		**Contested Ind:**	No
Contested Dt:			

Event No:	1139725	**Initial Viol No:**	
Mine Name:	Guadalupe	**Replaced by Ord No:**	
Mine Type:	Surface	**Likelihood:**	NoLikelihood
Controller ID:	0076453	**Inj Illness:**	NoLostDays
Controller Name:	Dan Evans; Wayne Evans	**No Affected:**	0
Inspection Begin Dt:	02/27/2008	**Negligence:**	ModNegligence
Inspection End Dt:	03/03/2008	**Written Notice:**	

Violation No:	6442569	**Enforcement Area:**	
Violator ID:	0091225	**Special Assess:**	No
Violator Name:	Evans Brothers Inc	**Primary or Mill:**	Primary
Violator Type CD:	Operator	**Right to Conf Dt:**	
Violation Issue Dt:	02/28/2008	**Asmt Generated Ind:**	No
Violation Issue Time:	1300	**Final Ord Issue Dt:**	09/12/2008
Violation Occur Dt:	02/28/2008	**Proposed Penalty:**	100
Violator Violation Cnt:	0	**Amount Due:**	100
Violator Insp Day Cnt:	4	**Amount Paid:**	100
Contractor ID:		**Bill Print Dt:**	08/06/2008
Cit Ord Safe:	Citation	**Last Action Cd:**	Paid
Orig Term Due Dt:	02/28/2008	**Last Action Dt:**	12/01/2008
Orig Term Due Tm:	1301	**Coal Metal Ind:**	M
Latest Term Due Dt:	02/28/2008	**Cal Yr:**	2008
Latest Term Due Tm:	1301	**Cal Qtr:**	1
Termination Dt:	02/28/2008	**Fiscal Yr:**	2008
Termination Time:	1305	**Fiscal Qtr:**	2
Termination Type:	Terminated	**Sig Sub:**	No
Vacate Dt:		**Section of Act:**	
Vacate Time:		**Part Section:**	50.30(a)
Assess Case Stat Cd:	Closed	**Section of Act 1:**	104(a)
Docket No:		**Section of Act 2:**	
Docket Stat Cd:		**Contested Ind:**	No
Contested Dt:			

Event No:	1139725	**Initial Viol No:**	
Mine Name:	Guadalupe	**Replaced by Ord No:**	
Mine Type:	Surface	**Likelihood:**	NoLikelihood
Controller ID:	0076453	**Inj Illness:**	Fatal
Controller Name:	Dan Evans; Wayne Evans	**No Affected:**	1
Inspection Begin Dt:	02/27/2008	**Negligence:**	ModNegligence
Inspection End Dt:	03/03/2008	**Written Notice:**	
Violation No:	6442571	**Enforcement Area:**	
Violator ID:	0091225	**Special Assess:**	No
Violator Name:	Evans Brothers Inc	**Primary or Mill:**	Primary
Violator Type CD:	Operator	**Right to Conf Dt:**	
Violation Issue Dt:	02/28/2008	**Asmt Generated Ind:**	No
Violation Issue Time:	1330	**Final Ord Issue Dt:**	09/12/2008
Violation Occur Dt:	02/28/2008	**Proposed Penalty:**	100
Violator Violation Cnt:	0	**Amount Due:**	100
Violator Insp Day Cnt:	4	**Amount Paid:**	100
Contractor ID:		**Bill Print Dt:**	08/06/2008
Cit Ord Safe:	Citation	**Last Action Cd:**	Paid
Orig Term Due Dt:	02/29/2008	**Last Action Dt:**	12/01/2008
Orig Term Due Tm:	1700	**Coal Metal Ind:**	M
Latest Term Due Dt:	02/29/2008	**Cal Yr:**	2008
Latest Term Due Tm:	1700	**Cal Qtr:**	1
Termination Dt:	03/03/2008	**Fiscal Yr:**	2008
Termination Time:	1420	**Fiscal Qtr:**	2
Termination Type:	Terminated	**Sig Sub:**	No
Vacate Dt:		**Section of Act:**	
Vacate Time:		**Part Section:**	56.18002(a)
Assess Case Stat Cd:	Closed	**Section of Act 1:**	104(a)
Docket No:		**Section of Act 2:**	
Docket Stat Cd:		**Contested Ind:**	No
Contested Dt:			

Event No:	0614589	**Initial Viol No:**	
Mine Name:	Guadalupe	**Replaced by Ord No:**	
Mine Type:	Surface	**Likelihood:**	Unlikely
Controller ID:	M11038	**Inj Illness:**	Permanent
Controller Name:	Estate of David(Sam) Johnson; Brad Johnson	**No Affected:**	1
Inspection Begin Dt:	02/24/2000	**Negligence:**	ModNegligence
Inspection End Dt:	03/03/2000	**Written Notice:**	
Violation No:	7972864	**Enforcement Area:**	
Violator ID:	L14461	**Special Assess:**	No
Violator Name:	California Rock & Asphalt Inc	**Primary or Mill:**	Primary
Violator Type CD:	Operator	**Right to Conf Dt:**	02/24/2000
Violation Issue Dt:	02/24/2000	**Asmt Generated Ind:**	No

Violation Issue Time:	1200	**Final Ord Issue Dt:**	05/03/2000
Violation Occur Dt:	02/24/2000	**Proposed Penalty:**	55
Violator Violation Cnt:	0	**Amount Due:**	55
Violator Insp Day Cnt:	0	**Amount Paid:**	55
Contractor ID:		**Bill Print Dt:**	04/05/2000
Cit Ord Safe:	Citation	**Last Action Cd:**	Paid
Orig Term Due Dt:		**Last Action Dt:**	05/03/2000
Orig Term Due Tm:		**Coal Metal Ind:**	M
Latest Term Due Dt:	02/24/2000	**Cal Yr:**	2000
Latest Term Due Tm:	1215	**Cal Qtr:**	1
Termination Dt:	02/24/2000	**Fiscal Yr:**	2000
Termination Time:	1201	**Fiscal Qtr:**	2
Termination Type:	Terminated	**Sig Sub:**	No
Vacate Dt:		**Section of Act:**	
Vacate Time:		**Part Section:**	56.11012
Assess Case Stat Cd:	Closed	**Section of Act 1:**	104(a)
Docket No:		**Section of Act 2:**	
Docket Stat Cd:		**Contested Ind:**	No
Contested Dt:			

Event No:	1132630	**Initial Viol No:**	
Mine Name:	Guadalupe	**Replaced by Ord No:**	
Mine Type:	Surface	**Likelihood:**	Reasonably
Controller ID:	M11038	**Inj Illness:**	Fatal
Controller Name:	Estate of David(Sam) Johnson; Brad Johnson	**No Affected:**	1
Inspection Begin Dt:	05/17/2006	**Negligence:**	ModNegligence
Inspection End Dt:	05/18/2006	**Written Notice:**	
Violation No:	6393057	**Enforcement Area:**	
Violator ID:	L14461	**Special Assess:**	No
Violator Name:	California Rock & Asphalt Inc	**Primary or Mill:**	Primary
Violator Type CD:	Operator	**Right to Conf Dt:**	
Violation Issue Dt:	05/17/2006	**Asmt Generated Ind:**	No
Violation Issue Time:	1120	**Final Ord Issue Dt:**	08/19/2006
Violation Occur Dt:	05/17/2006	**Proposed Penalty:**	286
Violator Violation Cnt:	11	**Amount Due:**	286
Violator Insp Day Cnt:	10	**Amount Paid:**	286
Contractor ID:		**Bill Print Dt:**	07/05/2006
Cit Ord Safe:	Citation	**Last Action Cd:**	Paid
Orig Term Due Dt:	05/17/2006	**Last Action Dt:**	07/31/2006
Orig Term Due Tm:	1600	**Coal Metal Ind:**	M
Latest Term Due Dt:	05/17/2006	**Cal Yr:**	2006
Latest Term Due Tm:	1600	**Cal Qtr:**	2
Termination Dt:	05/17/2006	**Fiscal Yr:**	2006
Termination Time:	1730	**Fiscal Qtr:**	3
Termination Type:	Terminated	**Sig Sub:**	Yes
Vacate Dt:		**Section of Act:**	
Vacate Time:		**Part Section:**	56.12004
Assess Case Stat Cd:	Closed	**Section of Act 1:**	104(a)
Docket No:		**Section of Act 2:**	
Docket Stat Cd:		**Contested Ind:**	No
Contested Dt:			

Event No:	0614484	**Initial Viol No:**	
Mine Name:	Guadalupe	**Replaced by Ord No:**	
Mine Type:	Surface	**Likelihood:**	Reasonably
Controller ID:	M11038	**Inj Illness:**	LostDays
Controller Name:	Estate of David(Sam) Johnson; Brad Johnson	**No Affected:**	1
Inspection Begin Dt:	10/10/2000	**Negligence:**	ModNegligence
Inspection End Dt:	10/17/2000	**Written Notice:**	
Violation No:	7987484	**Enforcement Area:**	
Violator ID:	L14461	**Special Assess:**	No
Violator Name:	California Rock & Asphalt Inc	**Primary or Mill:**	Primary
Violator Type CD:	Operator	**Right to Conf Dt:**	10/12/2000
Violation Issue Dt:	10/12/2000	**Asmt Generated Ind:**	No
Violation Issue Time:	1228	**Final Ord Issue Dt:**	01/10/2001
Violation Occur Dt:	10/12/2000	**Proposed Penalty:**	173
Violator Violation Cnt:	0	**Amount Due:**	173
Violator Insp Day Cnt:	0	**Amount Paid:**	173
Contractor ID:		**Bill Print Dt:**	12/08/2000

Cit Ord Safe:	Citation	**Last Action Cd:**	Paid
Orig Term Due Dt:		**Last Action Dt:**	01/10/2001
Orig Term Due Tm:		**Coal Metal Ind:**	M
Latest Term Due Dt:	10/13/2000	**Cal Yr:**	2000
Latest Term Due Tm:	0700	**Cal Qtr:**	4
Termination Dt:	10/12/2000	**Fiscal Yr:**	2001
Termination Time:	1330	**Fiscal Qtr:**	1
Termination Type:	Terminated	**Sig Sub:**	Yes
Vacate Dt:		**Section of Act:**	
Vacate Time:		**Part Section:**	56.14110
Assess Case Stat Cd:	Closed	**Section of Act 1:**	104(a)
Docket No:		**Section of Act 2:**	
Docket Stat Cd:		**Contested Ind:**	No
Contested Dt:			

Event No:	1155287	**Initial Viol No:**	
Mine Name:	Guadalupe	**Replaced by Ord No:**	
Mine Type:	Surface	**Likelihood:**	Unlikely
Controller ID:	0076453	**Inj Illness:**	Fatal
Controller Name:	Dan Evans; Wayne Evans	**No Affected:**	1
Inspection Begin Dt:	05/07/2012	**Negligence:**	LowNegligence
Inspection End Dt:	05/10/2012	**Written Notice:**	
Violation No:	8612942	**Enforcement Area:**	
Violator ID:	0091225	**Special Assess:**	No
Violator Name:	Evans Brothers Inc	**Primary or Mill:**	Primary
Violator Type CD:	Operator	**Right to Conf Dt:**	
Violation Issue Dt:	05/08/2012	**Asmt Generated Ind:**	No
Violation Issue Time:	0850	**Final Ord Issue Dt:**	08/16/2012
Violation Occur Dt:	05/08/2012	**Proposed Penalty:**	100
Violator Violation Cnt:	8	**Amount Due:**	100
Violator Insp Day Cnt:	4	**Amount Paid:**	100
Contractor ID:		**Bill Print Dt:**	07/11/2012
Cit Ord Safe:	Citation	**Last Action Cd:**	Paid
Orig Term Due Dt:	05/08/2012	**Last Action Dt:**	09/05/2012
Orig Term Due Tm:	0900	**Coal Metal Ind:**	M
Latest Term Due Dt:	05/08/2012	**Cal Yr:**	2012
Latest Term Due Tm:	0900	**Cal Qtr:**	2
Termination Dt:	05/08/2012	**Fiscal Yr:**	2012
Termination Time:	0912	**Fiscal Qtr:**	3
Termination Type:	Terminated	**Sig Sub:**	No
Vacate Dt:		**Section of Act:**	
Vacate Time:		**Part Section:**	56.12016
Assess Case Stat Cd:	Closed	**Section of Act 1:**	104(a)
Docket No:		**Section of Act 2:**	
Docket Stat Cd:		**Contested Ind:**	No
Contested Dt:			

Event No:	1139725	**Initial Viol No:**	
Mine Name:	Guadalupe	**Replaced by Ord No:**	
Mine Type:	Surface	**Likelihood:**	Unlikely
Controller ID:	0076453	**Inj Illness:**	Fatal
Controller Name:	Dan Evans; Wayne Evans	**No Affected:**	1
Inspection Begin Dt:	02/27/2008	**Negligence:**	ModNegligence
Inspection End Dt:	03/03/2008	**Written Notice:**	
Violation No:	6442565	**Enforcement Area:**	
Violator ID:	0091225	**Special Assess:**	No
Violator Name:	Evans Brothers Inc	**Primary or Mill:**	Primary
Violator Type CD:	Operator	**Right to Conf Dt:**	
Violation Issue Dt:	02/28/2008	**Asmt Generated Ind:**	No
Violation Issue Time:	1000	**Final Ord Issue Dt:**	09/12/2008
Violation Occur Dt:	02/28/2008	**Proposed Penalty:**	100
Violator Violation Cnt:	0	**Amount Due:**	100
Violator Insp Day Cnt:	4	**Amount Paid:**	100
Contractor ID:		**Bill Print Dt:**	08/06/2008
Cit Ord Safe:	Citation	**Last Action Cd:**	Paid
Orig Term Due Dt:	02/29/2008	**Last Action Dt:**	12/01/2008
Orig Term Due Tm:	1530	**Coal Metal Ind:**	M
Latest Term Due Dt:	02/29/2008	**Cal Yr:**	2008
Latest Term Due Tm:	1530	**Cal Qtr:**	1

Termination Dt:	03/03/2008	**Fiscal Yr:**	2008
Termination Time:	1453	**Fiscal Qtr:**	2
Termination Type:	Terminated	**Sig Sub:**	No
Vacate Dt:		**Section of Act:**	
Vacate Time:		**Part Section:**	56.12008
Assess Case Stat Cd:	Closed	**Section of Act 1:**	104(a)
Docket No:		**Section of Act 2:**	
Docket Stat Cd:		**Contested Ind:**	No
Contested Dt:			

Event No:	0647047	**Initial Viol No:**	
Mine Name:	Guadalupe	**Replaced by Ord No:**	
Mine Type:	Surface	**Likelihood:**	Reasonably
Controller ID:	M11038	**Inj Illness:**	Permanent
Controller Name:	Estate of David(Sam) Johnson; Brad Johnson	**No Affected:**	1
Inspection Begin Dt:	03/11/2003	**Negligence:**	ModNegligence
Inspection End Dt:	03/14/2003	**Written Notice:**	
Violation No:	6337999	**Enforcement Area:**	
Violator ID:	L14461	**Special Assess:**	No
Violator Name:	California Rock & Asphalt Inc	**Primary or Mill:**	Primary
Violator Type CD:	Operator	**Right to Conf Dt:**	03/12/2003
Violation Issue Dt:	03/12/2003	**Asmt Generated Ind:**	No
Violation Issue Time:	1010	**Final Ord Issue Dt:**	09/17/2003
Violation Occur Dt:	03/12/2003	**Proposed Penalty:**	242
Violator Violation Cnt:	34	**Amount Due:**	242
Violator Insp Day Cnt:	25	**Amount Paid:**	242
Contractor ID:		**Bill Print Dt:**	08/05/2003
Cit Ord Safe:	Citation	**Last Action Cd:**	Paid
Orig Term Due Dt:		**Last Action Dt:**	10/02/2003
Orig Term Due Tm:		**Coal Metal Ind:**	M
Latest Term Due Dt:	03/12/2003	**Cal Yr:**	2003
Latest Term Due Tm:	1300	**Cal Qtr:**	1
Termination Dt:	03/12/2003	**Fiscal Yr:**	2003
Termination Time:	1200	**Fiscal Qtr:**	2
Termination Type:	Terminated	**Sig Sub:**	Yes
Vacate Dt:		**Section of Act:**	
Vacate Time:		**Part Section:**	56.14107(a)
Assess Case Stat Cd:	Closed	**Section of Act 1:**	104(a)
Docket No:		**Section of Act 2:**	
Docket Stat Cd:		**Contested Ind:**	No
Contested Dt:			

Event No:	1139725	**Initial Viol No:**	
Mine Name:	Guadalupe	**Replaced by Ord No:**	
Mine Type:	Surface	**Likelihood:**	Unlikely
Controller ID:	0076453	**Inj Illness:**	LostDays
Controller Name:	Dan Evans; Wayne Evans	**No Affected:**	1
Inspection Begin Dt:	02/27/2008	**Negligence:**	ModNegligence
Inspection End Dt:	03/03/2008	**Written Notice:**	
Violation No:	6442567	**Enforcement Area:**	
Violator ID:	0091225	**Special Assess:**	No
Violator Name:	Evans Brothers Inc	**Primary or Mill:**	Primary
Violator Type CD:	Operator	**Right to Conf Dt:**	
Violation Issue Dt:	02/28/2008	**Asmt Generated Ind:**	No
Violation Issue Time:	1130	**Final Ord Issue Dt:**	09/12/2008
Violation Occur Dt:	02/28/2008	**Proposed Penalty:**	100
Violator Violation Cnt:	0	**Amount Due:**	100
Violator Insp Day Cnt:	4	**Amount Paid:**	100
Contractor ID:		**Bill Print Dt:**	08/06/2008
Cit Ord Safe:	Citation	**Last Action Cd:**	Paid
Orig Term Due Dt:	02/29/2008	**Last Action Dt:**	12/01/2008
Orig Term Due Tm:	1700	**Coal Metal Ind:**	M
Latest Term Due Dt:	02/29/2008	**Cal Yr:**	2008
Latest Term Due Tm:	1700	**Cal Qtr:**	1
Termination Dt:	03/03/2008	**Fiscal Yr:**	2008
Termination Time:	1455	**Fiscal Qtr:**	2
Termination Type:	Terminated	**Sig Sub:**	No
Vacate Dt:		**Section of Act:**	
Vacate Time:		**Part Section:**	56.14109(b)(1)

Assess Case Stat Cd:	Closed	***Section of Act 1:***	104(a)
Docket No:		***Section of Act 2:***	
Docket Stat Cd:		***Contested Ind:***	No
Contested Dt:			

Event No:	0646848	***Initial Viol No:***	
Mine Name:	Guadalupe	***Replaced by Ord No:***	
Mine Type:	Surface	***Likelihood:***	Unlikely
Controller ID:	M11038	***Inj Illness:***	Fatal
Controller Name:	Estate of David(Sam) Johnson; Brad Johnson	***No Affected:***	1
Inspection Begin Dt:	08/28/2002	***Negligence:***	ModNegligence
Inspection End Dt:	08/29/2002	***Written Notice:***	
Violation No:	6337556	***Enforcement Area:***	
Violator ID:	L14461	***Special Assess:***	No
Violator Name:	California Rock & Asphalt Inc	***Primary or Mill:***	Primary
Violator Type CD:	Operator	***Right to Conf Dt:***	08/28/2002
Violation Issue Dt:	08/28/2002	***Asmt Generated Ind:***	No
Violation Issue Time:	1000	***Final Ord Issue Dt:***	11/30/2002
Violation Occur Dt:	08/28/2002	***Proposed Penalty:***	55
Violator Violation Cnt:	0	***Amount Due:***	55
Violator Insp Day Cnt:	0	***Amount Paid:***	55
Contractor ID:		***Bill Print Dt:***	10/18/2002
Cit Ord Safe:	Citation	***Last Action Cd:***	Paid
Orig Term Due Dt:		***Last Action Dt:***	11/19/2002
Orig Term Due Tm:		***Coal Metal Ind:***	M
Latest Term Due Dt:	08/28/2002	***Cal Yr:***	2002
Latest Term Due Tm:	1500	***Cal Qtr:***	3
Termination Dt:	08/29/2002	***Fiscal Yr:***	2002
Termination Time:	1135	***Fiscal Qtr:***	4
Termination Type:	Terminated	***Sig Sub:***	No
Vacate Dt:		***Section of Act:***	
Vacate Time:		***Part Section:***	56.11001
Assess Case Stat Cd:	Closed	***Section of Act 1:***	104(a)
Docket No:		***Section of Act 2:***	
Docket Stat Cd:		***Contested Ind:***	No
Contested Dt:			

Event No:	0646987	***Initial Viol No:***	
Mine Name:	Guadalupe	***Replaced by Ord No:***	
Mine Type:	Surface	***Likelihood:***	Reasonably
Controller ID:	M11038	***Inj Illness:***	Fatal
Controller Name:	Estate of David(Sam) Johnson; Brad Johnson	***No Affected:***	1
Inspection Begin Dt:	11/08/2002	***Negligence:***	ModNegligence
Inspection End Dt:	11/08/2002	***Written Notice:***	
Violation No:	6337881	***Enforcement Area:***	
Violator ID:	L14461	***Special Assess:***	No
Violator Name:	California Rock & Asphalt Inc	***Primary or Mill:***	Primary
Violator Type CD:	Operator	***Right to Conf Dt:***	11/08/2002
Violation Issue Dt:	11/08/2002	***Asmt Generated Ind:***	No
Violation Issue Time:	1120	***Final Ord Issue Dt:***	09/17/2003
Violation Occur Dt:	11/08/2002	***Proposed Penalty:***	207
Violator Violation Cnt:	16	***Amount Due:***	207
Violator Insp Day Cnt:	19	***Amount Paid:***	207
Contractor ID:		***Bill Print Dt:***	08/05/2003
Cit Ord Safe:	Citation	***Last Action Cd:***	Paid
Orig Term Due Dt:		***Last Action Dt:***	10/02/2003
Orig Term Due Tm:		***Coal Metal Ind:***	M
Latest Term Due Dt:	11/08/2002	***Cal Yr:***	2002
Latest Term Due Tm:	1200	***Cal Qtr:***	4
Termination Dt:	11/13/2002	***Fiscal Yr:***	2003
Termination Time:	1059	***Fiscal Qtr:***	1
Termination Type:	Terminated	***Sig Sub:***	Yes
Vacate Dt:		***Section of Act:***	
Vacate Time:		***Part Section:***	56.14101(a)(2)
Assess Case Stat Cd:	Closed	***Section of Act 1:***	104(a)
Docket No:		***Section of Act 2:***	
Docket Stat Cd:		***Contested Ind:***	No
Contested Dt:			

Event No:	1121911	**Initial Viol No:**	
Mine Name:	Guadalupe	**Replaced by Ord No:**	
Mine Type:	Surface	**Likelihood:**	Unlikely
Controller ID:	M11038	**Inj Illness:**	Fatal
Controller Name:	Estate of David(Sam) Johnson; Brad Johnson	**No Affected:**	1
Inspection Begin Dt:	06/15/2004	**Negligence:**	LowNegligence
Inspection End Dt:	06/16/2004	**Written Notice:**	
Violation No:	6358452	**Enforcement Area:**	
Violator ID:	L14461	**Special Assess:**	No
Violator Name:	California Rock & Asphalt Inc	**Primary or Mill:**	Primary
Violator Type CD:	Operator	**Right to Conf Dt:**	06/15/2004
Violation Issue Dt:	06/15/2004	**Asmt Generated Ind:**	No
Violation Issue Time:	1245	**Final Ord Issue Dt:**	09/23/2004
Violation Occur Dt:	06/15/2004	**Proposed Penalty:**	324
Violator Violation Cnt:	42	**Amount Due:**	324
Violator Insp Day Cnt:	18	**Amount Paid:**	324
Contractor ID:		**Bill Print Dt:**	08/10/2004
Cit Ord Safe:	Citation	**Last Action Cd:**	Paid
Orig Term Due Dt:		**Last Action Dt:**	12/29/2004
Orig Term Due Tm:		**Coal Metal Ind:**	M
Latest Term Due Dt:	06/15/2004	**Cal Yr:**	2004
Latest Term Due Tm:	1300	**Cal Qtr:**	2
Termination Dt:	06/15/2004	**Fiscal Yr:**	2004
Termination Time:	1247	**Fiscal Qtr:**	3
Termination Type:	Terminated	**Sig Sub:**	No
Vacate Dt:		**Section of Act:**	
Vacate Time:		**Part Section:**	56.14105
Assess Case Stat Cd:	Closed	**Section of Act 1:**	104(a)
Docket No:		**Section of Act 2:**	
Docket Stat Cd:		**Contested Ind:**	No
Contested Dt:			

Event No:	1132630	**Initial Viol No:**	
Mine Name:	Guadalupe	**Replaced by Ord No:**	
Mine Type:	Surface	**Likelihood:**	Reasonably
Controller ID:	M11038	**Inj Illness:**	Fatal
Controller Name:	Estate of David(Sam) Johnson; Brad Johnson	**No Affected:**	1
Inspection Begin Dt:	05/17/2006	**Negligence:**	LowNegligence
Inspection End Dt:	05/18/2006	**Written Notice:**	
Violation No:	6393062	**Enforcement Area:**	
Violator ID:	L14461	**Special Assess:**	No
Violator Name:	California Rock & Asphalt Inc	**Primary or Mill:**	Primary
Violator Type CD:	Operator	**Right to Conf Dt:**	
Violation Issue Dt:	05/17/2006	**Asmt Generated Ind:**	No
Violation Issue Time:	1315	**Final Ord Issue Dt:**	08/19/2006
Violation Occur Dt:	05/17/2006	**Proposed Penalty:**	203
Violator Violation Cnt:	11	**Amount Due:**	203
Violator Insp Day Cnt:	10	**Amount Paid:**	203
Contractor ID:		**Bill Print Dt:**	07/05/2006
Cit Ord Safe:	Citation	**Last Action Cd:**	Paid
Orig Term Due Dt:	05/17/2006	**Last Action Dt:**	08/09/2006
Orig Term Due Tm:	1415	**Coal Metal Ind:**	M
Latest Term Due Dt:	05/17/2006	**Cal Yr:**	2006
Latest Term Due Tm:	1415	**Cal Qtr:**	2
Termination Dt:	05/17/2006	**Fiscal Yr:**	2006
Termination Time:	1325	**Fiscal Qtr:**	3
Termination Type:	Terminated	**Sig Sub:**	Yes
Vacate Dt:		**Section of Act:**	
Vacate Time:		**Part Section:**	56.12004
Assess Case Stat Cd:	Closed	**Section of Act 1:**	104(a)
Docket No:		**Section of Act 2:**	
Docket Stat Cd:		**Contested Ind:**	No
Contested Dt:			

Event No:	1139766	**Initial Viol No:**	
Mine Name:	Guadalupe	**Replaced by Ord No:**	
Mine Type:	Surface	**Likelihood:**	Unlikely
Controller ID:	0076453	**Inj Illness:**	LostDays
Controller Name:	Dan Evans; Wayne Evans	**No Affected:**	1

Inspection Begin Dt:	06/24/2008	**Negligence:**	ModNegligence
Inspection End Dt:	06/24/2008	**Written Notice:**	
Violation No:	6432856	**Enforcement Area:**	
Violator ID:	0091225	**Special Assess:**	No
Violator Name:	Evans Brothers Inc	**Primary or Mill:**	Primary
Violator Type CD:	Operator	**Right to Conf Dt:**	
Violation Issue Dt:	06/24/2008	**Asmt Generated Ind:**	No
Violation Issue Time:	1258	**Final Ord Issue Dt:**	09/12/2008
Violation Occur Dt:	06/24/2008	**Proposed Penalty:**	100
Violator Violation Cnt:	0	**Amount Due:**	100
Violator Insp Day Cnt:	6	**Amount Paid:**	100
Contractor ID:		**Bill Print Dt:**	08/06/2008
Cit Ord Safe:	Citation	**Last Action Cd:**	Paid
Orig Term Due Dt:	06/24/2008	**Last Action Dt:**	12/01/2008
Orig Term Due Tm:	1530	**Coal Metal Ind:**	M
Latest Term Due Dt:	06/24/2008	**Cal Yr:**	2008
Latest Term Due Tm:	1530	**Cal Qtr:**	2
Termination Dt:	06/24/2008	**Fiscal Yr:**	2008
Termination Time:	1305	**Fiscal Qtr:**	3
Termination Type:	Terminated	**Sig Sub:**	No
Vacate Dt:		**Section of Act:**	
Vacate Time:		**Part Section:**	56.14101(a)(2)
Assess Case Stat Cd:	Closed	**Section of Act 1:**	104(a)
Docket No:		**Section of Act 2:**	
Docket Stat Cd:		**Contested Ind:**	No
Contested Dt:			

Event No:	1132630	**Initial Viol No:**	
Mine Name:	Guadalupe	**Replaced by Ord No:**	
Mine Type:	Surface	**Likelihood:**	Reasonably
Controller ID:	M11038	**Inj Illness:**	LostDays
Controller Name:	Estate of David(Sam) Johnson; Brad Johnson	**No Affected:**	2
Inspection Begin Dt:	05/17/2006	**Negligence:**	ModNegligence
Inspection End Dt:	05/18/2006	**Written Notice:**	
Violation No:	6393060	**Enforcement Area:**	
Violator ID:	L14461	**Special Assess:**	No
Violator Name:	California Rock & Asphalt Inc	**Primary or Mill:**	Primary
Violator Type CD:	Operator	**Right to Conf Dt:**	
Violation Issue Dt:	05/17/2006	**Asmt Generated Ind:**	No
Violation Issue Time:	1200	**Final Ord Issue Dt:**	08/19/2006
Violation Occur Dt:	05/17/2006	**Proposed Penalty:**	191
Violator Violation Cnt:	11	**Amount Due:**	191
Violator Insp Day Cnt:	10	**Amount Paid:**	191
Contractor ID:		**Bill Print Dt:**	07/05/2006
Cit Ord Safe:	Citation	**Last Action Cd:**	Paid
Orig Term Due Dt:	05/18/2006	**Last Action Dt:**	08/09/2006
Orig Term Due Tm:	1200	**Coal Metal Ind:**	M
Latest Term Due Dt:	05/18/2006	**Cal Yr:**	2006
Latest Term Due Tm:	1200	**Cal Qtr:**	2
Termination Dt:	05/18/2006	**Fiscal Yr:**	2006
Termination Time:	1245	**Fiscal Qtr:**	3
Termination Type:	Terminated	**Sig Sub:**	Yes
Vacate Dt:		**Section of Act:**	
Vacate Time:		**Part Section:**	56.14100(b)
Assess Case Stat Cd:	Closed	**Section of Act 1:**	104(a)
Docket No:		**Section of Act 2:**	
Docket Stat Cd:		**Contested Ind:**	No
Contested Dt:			

Event No:	0646848	**Initial Viol No:**	
Mine Name:	Guadalupe	**Replaced by Ord No:**	
Mine Type:	Surface	**Likelihood:**	Unlikely
Controller ID:	M11038	**Inj Illness:**	Permanent
Controller Name:	Estate of David(Sam) Johnson; Brad Johnson	**No Affected:**	1
Inspection Begin Dt:	08/28/2002	**Negligence:**	ModNegligence
Inspection End Dt:	08/29/2002	**Written Notice:**	
Violation No:	6337558	**Enforcement Area:**	
Violator ID:	L14461	**Special Assess:**	No
Violator Name:	California Rock & Asphalt Inc	**Primary or Mill:**	Primary

Violator Type CD:	Operator	**Right to Conf Dt:**	08/28/2002
Violation Issue Dt:	08/28/2002	**Asmt Generated Ind:**	No
Violation Issue Time:	1040	**Final Ord Issue Dt:**	11/30/2002
Violation Occur Dt:	08/28/2002	**Proposed Penalty:**	55
Violator Violation Cnt:	0	**Amount Due:**	55
Violator Insp Day Cnt:	0	**Amount Paid:**	55
Contractor ID:		**Bill Print Dt:**	10/18/2002
Cit Ord Safe:	Citation	**Last Action Cd:**	Paid
Orig Term Due Dt:		**Last Action Dt:**	11/19/2002
Orig Term Due Tm:		**Coal Metal Ind:**	M
Latest Term Due Dt:	08/28/2002	**Cal Yr:**	2002
Latest Term Due Tm:	1500	**Cal Qtr:**	3
Termination Dt:	08/28/2002	**Fiscal Yr:**	2002
Termination Time:	1300	**Fiscal Qtr:**	4
Termination Type:	Terminated	**Sig Sub:**	No
Vacate Dt:		**Section of Act:**	
Vacate Time:		**Part Section:**	56.14107(a)
Assess Case Stat Cd:	Closed	**Section of Act 1:**	104(a)
Docket No:		**Section of Act 2:**	
Docket Stat Cd:		**Contested Ind:**	No
Contested Dt:			

Event No:	1132630	**Initial Viol No:**	
Mine Name:	Guadalupe	**Replaced by Ord No:**	
Mine Type:	Surface	**Likelihood:**	Reasonably
Controller ID:	M11038	**Inj Illness:**	LostDays
Controller Name:	Estate of David(Sam) Johnson; Brad Johnson	**No Affected:**	1
Inspection Begin Dt:	05/17/2006	**Negligence:**	ModNegligence
Inspection End Dt:	05/18/2006	**Written Notice:**	
Violation No:	6393058	**Enforcement Area:**	
Violator ID:	L14461	**Special Assess:**	No
Violator Name:	California Rock & Asphalt Inc	**Primary or Mill:**	Primary
Violator Type CD:	Operator	**Right to Conf Dt:**	
Violation Issue Dt:	05/17/2006	**Asmt Generated Ind:**	No
Violation Issue Time:	1145	**Final Ord Issue Dt:**	08/19/2006
Violation Occur Dt:	05/17/2006	**Proposed Penalty:**	177
Violator Violation Cnt:	11	**Amount Due:**	177
Violator Insp Day Cnt:	10	**Amount Paid:**	177
Contractor ID:		**Bill Print Dt:**	07/05/2006
Cit Ord Safe:	Citation	**Last Action Cd:**	Paid
Orig Term Due Dt:	05/17/2006	**Last Action Dt:**	08/09/2006
Orig Term Due Tm:	1600	**Coal Metal Ind:**	M
Latest Term Due Dt:	05/17/2006	**Cal Yr:**	2006
Latest Term Due Tm:	1600	**Cal Qtr:**	2
Termination Dt:	05/17/2006	**Fiscal Yr:**	2006
Termination Time:	1740	**Fiscal Qtr:**	3
Termination Type:	Terminated	**Sig Sub:**	Yes
Vacate Dt:		**Section of Act:**	
Vacate Time:		**Part Section:**	56.14100(b)
Assess Case Stat Cd:	Closed	**Section of Act 1:**	104(a)
Docket No:		**Section of Act 2:**	
Docket Stat Cd:		**Contested Ind:**	No
Contested Dt:			

Event No:	1155070	**Initial Viol No:**	
Mine Name:	Guadalupe	**Replaced by Ord No:**	
Mine Type:	Surface	**Likelihood:**	Reasonably
Controller ID:	0076453	**Inj Illness:**	Permanent
Controller Name:	Dan Evans; Wayne Evans	**No Affected:**	1
Inspection Begin Dt:	08/24/2010	**Negligence:**	ModNegligence
Inspection End Dt:	08/25/2010	**Written Notice:**	
Violation No:	8561449	**Enforcement Area:**	
Violator ID:	0091225	**Special Assess:**	No
Violator Name:	Evans Brothers Inc	**Primary or Mill:**	Primary
Violator Type CD:	Operator	**Right to Conf Dt:**	
Violation Issue Dt:	08/24/2010	**Asmt Generated Ind:**	No
Violation Issue Time:	0915	**Final Ord Issue Dt:**	11/10/2010
Violation Occur Dt:	08/24/2010	**Proposed Penalty:**	127
Violator Violation Cnt:	6	**Amount Due:**	127

Violator Insp Day Cnt:	3	**Amount Paid:**	127
Contractor ID:		**Bill Print Dt:**	10/06/2010
Cit Ord Safe:	Citation	**Last Action Cd:**	Paid
Orig Term Due Dt:	08/25/2010	**Last Action Dt:**	12/10/2010
Orig Term Due Tm:	0800	**Coal Metal Ind:**	M
Latest Term Due Dt:	08/25/2010	**Cal Yr:**	2010
Latest Term Due Tm:	0800	**Cal Qtr:**	3
Termination Dt:	08/25/2010	**Fiscal Yr:**	2010
Termination Time:	0815	**Fiscal Qtr:**	4
Termination Type:	Terminated	**Sig Sub:**	Yes
Vacate Dt:		**Section of Act:**	
Vacate Time:		**Part Section:**	56.14109
Assess Case Stat Cd:	Closed	**Section of Act 1:**	104(a)
Docket No:		**Section of Act 2:**	
Docket Stat Cd:		**Contested Ind:**	No
Contested Dt:			

Event No:	0647061	**Initial Viol No:**	
Mine Name:	Guadalupe	**Replaced by Ord No:**	
Mine Type:	Surface	**Likelihood:**	Unlikely
Controller ID:	M11038	**Inj Illness:**	Fatal
Controller Name:	Estate of David(Sam) Johnson; Brad Johnson	**No Affected:**	1
Inspection Begin Dt:	05/29/2002	**Negligence:**	ModNegligence
Inspection End Dt:	05/30/2002	**Written Notice:**	
Violation No:	6333662	**Enforcement Area:**	
Violator ID:	L14461	**Special Assess:**	No
Violator Name:	California Rock & Asphalt Inc	**Primary or Mill:**	Primary
Violator Type CD:	Operator	**Right to Conf Dt:**	05/29/2002
Violation Issue Dt:	05/29/2002	**Asmt Generated Ind:**	No
Violation Issue Time:	1057	**Final Ord Issue Dt:**	08/06/2002
Violation Occur Dt:	05/29/2002	**Proposed Penalty:**	55
Violator Violation Cnt:	0	**Amount Due:**	55
Violator Insp Day Cnt:	0	**Amount Paid:**	55
Contractor ID:		**Bill Print Dt:**	07/05/2002
Cit Ord Safe:	Citation	**Last Action Cd:**	Paid
Orig Term Due Dt:		**Last Action Dt:**	08/06/2002
Orig Term Due Tm:		**Coal Metal Ind:**	M
Latest Term Due Dt:	05/30/2002	**Cal Yr:**	2002
Latest Term Due Tm:	1500	**Cal Qtr:**	2
Termination Dt:	05/30/2002	**Fiscal Yr:**	2002
Termination Time:	1015	**Fiscal Qtr:**	3
Termination Type:	Terminated	**Sig Sub:**	No
Vacate Dt:		**Section of Act:**	
Vacate Time:		**Part Section:**	56.6132(a)(6)
Assess Case Stat Cd:	Closed	**Section of Act 1:**	104(a)
Docket No:		**Section of Act 2:**	
Docket Stat Cd:		**Contested Ind:**	No
Contested Dt:			

Event No:	1155287	**Initial Viol No:**	
Mine Name:	Guadalupe	**Replaced by Ord No:**	
Mine Type:	Surface	**Likelihood:**	Reasonably
Controller ID:	0076453	**Inj Illness:**	Permanent
Controller Name:	Dan Evans; Wayne Evans	**No Affected:**	1
Inspection Begin Dt:	05/07/2012	**Negligence:**	ModNegligence
Inspection End Dt:	05/10/2012	**Written Notice:**	
Violation No:	8612943	**Enforcement Area:**	
Violator ID:	0091225	**Special Assess:**	No
Violator Name:	Evans Brothers Inc	**Primary or Mill:**	Primary
Violator Type CD:	Operator	**Right to Conf Dt:**	
Violation Issue Dt:	05/08/2012	**Asmt Generated Ind:**	No
Violation Issue Time:	1110	**Final Ord Issue Dt:**	08/16/2012
Violation Occur Dt:	05/08/2012	**Proposed Penalty:**	127
Violator Violation Cnt:	8	**Amount Due:**	127
Violator Insp Day Cnt:	4	**Amount Paid:**	127
Contractor ID:		**Bill Print Dt:**	07/11/2012
Cit Ord Safe:	Citation	**Last Action Cd:**	Paid
Orig Term Due Dt:	05/08/2012	**Last Action Dt:**	09/05/2012
Orig Term Due Tm:	1115	**Coal Metal Ind:**	M

Latest Term Due Dt:	05/09/2012	**Cal Yr:**	2012
Latest Term Due Tm:	1200	**Cal Qtr:**	2
Termination Dt:	05/10/2012	**Fiscal Yr:**	2012
Termination Time:	1707	**Fiscal Qtr:**	3
Termination Type:	Terminated	**Sig Sub:**	Yes
Vacate Dt:		**Section of Act:**	
Vacate Time:		**Part Section:**	56.14130(i)
Assess Case Stat Cd:	Closed	**Section of Act 1:**	104(a)
Docket No:		**Section of Act 2:**	
Docket Stat Cd:		**Contested Ind:**	No
Contested Dt:			

Event No:	1155278	**Initial Viol No:**	
Mine Name:	Guadalupe	**Replaced by Ord No:**	
Mine Type:	Surface	**Likelihood:**	Highly
Controller ID:	0076453	**Inj Illness:**	Permanent
Controller Name:	Dan Evans; Wayne Evans	**No Affected:**	1
Inspection Begin Dt:	11/15/2011	**Negligence:**	LowNegligence
Inspection End Dt:	11/17/2011	**Written Notice:**	
Violation No:	8611183	**Enforcement Area:**	
Violator ID:	0091225	**Special Assess:**	Yes
Violator Name:	Evans Brothers Inc	**Primary or Mill:**	Primary
Violator Type CD:	Operator	**Right to Conf Dt:**	
Violation Issue Dt:	11/15/2011	**Asmt Generated Ind:**	No
Violation Issue Time:	0843	**Final Ord Issue Dt:**	10/23/2013
Violation Occur Dt:	11/15/2011	**Proposed Penalty:**	5211
Violator Violation Cnt:	17	**Amount Due:**	425
Violator Insp Day Cnt:	7	**Amount Paid:**	425
Contractor ID:		**Bill Print Dt:**	01/11/2012
Cit Ord Safe:	Citation	**Last Action Cd:**	Paid
Orig Term Due Dt:		**Last Action Dt:**	07/23/2014
Orig Term Due Tm:		**Coal Metal Ind:**	M
Latest Term Due Dt:		**Cal Yr:**	2011
Latest Term Due Tm:		**Cal Qtr:**	4
Termination Dt:	11/15/2011	**Fiscal Yr:**	2012
Termination Time:	0900	**Fiscal Qtr:**	1
Termination Type:	Terminated	**Sig Sub:**	Yes
Vacate Dt:		**Section of Act:**	
Vacate Time:		**Part Section:**	56.15005
Assess Case Stat Cd:	Closed	**Section of Act 1:**	104(a)
Docket No:		**Section of Act 2:**	
Docket Stat Cd:		**Contested Ind:**	No
Contested Dt:			

Event No:	0647047	**Initial Viol No:**	
Mine Name:	Guadalupe	**Replaced by Ord No:**	
Mine Type:	Surface	**Likelihood:**	Reasonably
Controller ID:	M11038	**Inj Illness:**	Fatal
Controller Name:	Estate of David(Sam) Johnson; Brad Johnson	**No Affected:**	1
Inspection Begin Dt:	03/11/2003	**Negligence:**	ModNegligence
Inspection End Dt:	03/14/2003	**Written Notice:**	
Violation No:	6353001	**Enforcement Area:**	
Violator ID:	L14461	**Special Assess:**	No
Violator Name:	California Rock & Asphalt Inc	**Primary or Mill:**	Primary
Violator Type CD:	Operator	**Right to Conf Dt:**	03/12/2003
Violation Issue Dt:	03/12/2003	**Asmt Generated Ind:**	No
Violation Issue Time:	1020	**Final Ord Issue Dt:**	08/06/2003
Violation Occur Dt:	03/12/2003	**Proposed Penalty:**	294
Violator Violation Cnt:	0	**Amount Due:**	294
Violator Insp Day Cnt:	0	**Amount Paid:**	294
Contractor ID:		**Bill Print Dt:**	06/11/2003
Cit Ord Safe:	Citation	**Last Action Cd:**	Paid
Orig Term Due Dt:		**Last Action Dt:**	07/14/2003
Orig Term Due Tm:		**Coal Metal Ind:**	M
Latest Term Due Dt:	03/12/2003	**Cal Yr:**	2003
Latest Term Due Tm:	1500	**Cal Qtr:**	1
Termination Dt:	03/12/2003	**Fiscal Yr:**	2003
Termination Time:	1430	**Fiscal Qtr:**	2
Termination Type:	Terminated	**Sig Sub:**	Yes

Vacate Dt:		**Section of Act:**	
Vacate Time:		**Part Section:**	56.14107(a)
Assess Case Stat Cd:	Closed	**Section of Act 1:**	104(a)
Docket No:		**Section of Act 2:**	
Docket Stat Cd:		**Contested Ind:**	No
Contested Dt:			

Event No:	1139725	**Initial Viol No:**	
Mine Name:	Guadalupe	**Replaced by Ord No:**	
Mine Type:	Surface	**Likelihood:**	Reasonably
Controller ID:	0076453	**Inj Illness:**	Permanent
Controller Name:	Dan Evans; Wayne Evans	**No Affected:**	1
Inspection Begin Dt:	02/27/2008	**Negligence:**	LowNegligence
Inspection End Dt:	03/03/2008	**Written Notice:**	
Violation No:	6442566	**Enforcement Area:**	
Violator ID:	0091225	**Special Assess:**	No
Violator Name:	Evans Brothers Inc	**Primary or Mill:**	Primary
Violator Type CD:	Operator	**Right to Conf Dt:**	
Violation Issue Dt:	02/28/2008	**Asmt Generated Ind:**	No
Violation Issue Time:	1015	**Final Ord Issue Dt:**	09/12/2008
Violation Occur Dt:	02/28/2008	**Proposed Penalty:**	100
Violator Violation Cnt:	0	**Amount Due:**	100
Violator Insp Day Cnt:	4	**Amount Paid:**	100
Contractor ID:		**Bill Print Dt:**	08/06/2008
Cit Ord Safe:	Citation	**Last Action Cd:**	Paid
Orig Term Due Dt:	02/28/2008	**Last Action Dt:**	12/01/2008
Orig Term Due Tm:	1016	**Coal Metal Ind:**	M
Latest Term Due Dt:	02/28/2008	**Cal Yr:**	2008
Latest Term Due Tm:	1016	**Cal Qtr:**	1
Termination Dt:	02/28/2008	**Fiscal Yr:**	2008
Termination Time:	1030	**Fiscal Qtr:**	2
Termination Type:	Terminated	**Sig Sub:**	Yes
Vacate Dt:		**Section of Act:**	
Vacate Time:		**Part Section:**	56.15007
Assess Case Stat Cd:	Closed	**Section of Act 1:**	104(a)
Docket No:		**Section of Act 2:**	
Docket Stat Cd:		**Contested Ind:**	No
Contested Dt:			

Event No:	1139725	**Initial Viol No:**	
Mine Name:	Guadalupe	**Replaced by Ord No:**	
Mine Type:	Surface	**Likelihood:**	Unlikely
Controller ID:	0076453	**Inj Illness:**	LostDays
Controller Name:	Dan Evans; Wayne Evans	**No Affected:**	1
Inspection Begin Dt:	02/27/2008	**Negligence:**	ModNegligence
Inspection End Dt:	03/03/2008	**Written Notice:**	
Violation No:	6442558	**Enforcement Area:**	
Violator ID:	0091225	**Special Assess:**	No
Violator Name:	Evans Brothers Inc	**Primary or Mill:**	Primary
Violator Type CD:	Operator	**Right to Conf Dt:**	
Violation Issue Dt:	02/27/2008	**Asmt Generated Ind:**	No
Violation Issue Time:	1300	**Final Ord Issue Dt:**	09/12/2008
Violation Occur Dt:	02/27/2008	**Proposed Penalty:**	112
Violator Violation Cnt:	0	**Amount Due:**	112
Violator Insp Day Cnt:	3	**Amount Paid:**	112
Contractor ID:		**Bill Print Dt:**	08/06/2008
Cit Ord Safe:	Order	**Last Action Cd:**	Paid
Orig Term Due Dt:		**Last Action Dt:**	12/01/2008
Orig Term Due Tm:		**Coal Metal Ind:**	M
Latest Term Due Dt:		**Cal Yr:**	2008
Latest Term Due Tm:		**Cal Qtr:**	1
Termination Dt:	02/27/2008	**Fiscal Yr:**	2008
Termination Time:	1530	**Fiscal Qtr:**	2
Termination Type:	Terminated	**Sig Sub:**	No
Vacate Dt:		**Section of Act:**	
Vacate Time:		**Part Section:**	46.6(a)
Assess Case Stat Cd:	Closed	**Section of Act 1:**	104(g)(1)
Docket No:		**Section of Act 2:**	
Docket Stat Cd:		**Contested Ind:**	No

Contested Dt:

Event No: 0614589
Mine Name: Guadalupe
Mine Type: Surface
Controller ID: M11038
Controller Name: Estate of David(Sam) Johnson; Brad Johnson
Inspection Begin Dt: 02/24/2000
Inspection End Dt: 03/03/2000
Violation No: 7972862
Violator ID: L14461
Violator Name: California Rock & Asphalt Inc
Violator Type CD: Operator
Violation Issue Dt: 02/24/2000
Violation Issue Time: 1145
Violation Occur Dt: 02/24/2000
Violator Violation Cnt: 0
Violator Insp Day Cnt: 0
Contractor ID:
Cit Ord Safe: Citation
Orig Term Due Dt:
Orig Term Due Tm:
Latest Term Due Dt: 02/24/2000
Latest Term Due Tm: 1400
Termination Dt: 02/24/2000
Termination Time: 1330
Termination Type: Terminated
Vacate Dt:
Vacate Time:
Assess Case Stat Cd: Closed
Docket No:
Docket Stat Cd:
Contested Dt:

Initial Viol No:
Replaced by Ord No:
Likelihood: Reasonably
Inj Illness: LostDays
No Affected: 1
Negligence: ModNegligence
Written Notice:
Enforcement Area:
Special Assess: No
Primary or Mill: Primary
Right to Conf Dt: 02/24/2000
Asmt Generated Ind: No
Final Ord Issue Dt: 05/03/2000
Proposed Penalty: 173
Amount Due: 173
Amount Paid: 173
Bill Print Dt: 04/05/2000
Last Action Cd: Paid
Last Action Dt: 05/03/2000
Coal Metal Ind: M
Cal Yr: 2000
Cal Qtr: 1
Fiscal Yr: 2000
Fiscal Qtr: 2
Sig Sub: Yes
Section of Act:
Part Section: 56.11001
Section of Act 1: 104(a)
Section of Act 2:
Contested Ind: No

Event No: 0739143
Mine Name: Guadalupe
Mine Type: Surface
Controller ID: M11038
Controller Name: Estate of David(Sam) Johnson; Brad Johnson
Inspection Begin Dt: 04/24/2001
Inspection End Dt: 05/09/2001
Violation No: 7987568
Violator ID: L14461
Violator Name: California Rock & Asphalt Inc
Violator Type CD: Operator
Violation Issue Dt: 04/25/2001
Violation Issue Time: 1125
Violation Occur Dt: 04/25/2001
Violator Violation Cnt: 0
Violator Insp Day Cnt: 0
Contractor ID:
Cit Ord Safe: Citation
Orig Term Due Dt:
Orig Term Due Tm:
Latest Term Due Dt: 04/25/2001
Latest Term Due Tm: 1630
Termination Dt: 05/02/2001
Termination Time: 0755
Termination Type: Terminated
Vacate Dt:
Vacate Time:
Assess Case Stat Cd: Closed
Docket No:
Docket Stat Cd:
Contested Dt:

Initial Viol No:
Replaced by Ord No:
Likelihood: Unlikely
Inj Illness: LostDays
No Affected: 1
Negligence: ModNegligence
Written Notice:
Enforcement Area:
Special Assess: No
Primary or Mill: Primary
Right to Conf Dt: 04/25/2001
Asmt Generated Ind: No
Final Ord Issue Dt: 07/16/2001
Proposed Penalty: 55
Amount Due: 55
Amount Paid: 55
Bill Print Dt: 06/14/2001
Last Action Cd: Paid
Last Action Dt: 07/16/2001
Coal Metal Ind: M
Cal Yr: 2001
Cal Qtr: 2
Fiscal Yr: 2001
Fiscal Qtr: 3
Sig Sub: No
Section of Act:
Part Section: 56.14132(a)
Section of Act 1: 104(a)
Section of Act 2:
Contested Ind: No

Event No: 0647047
Mine Name: Guadalupe
Mine Type: Surface

Initial Viol No:
Replaced by Ord No:
Likelihood: Unlikely

Controller ID:	M11038	**Inj Illness:**	Fatal
Controller Name:	Estate of David(Sam) Johnson; Brad Johnson	**No Affected:**	1
Inspection Begin Dt:	03/11/2003	**Negligence:**	ModNegligence
Inspection End Dt:	03/14/2003	**Written Notice:**	
Violation No:	6353005	**Enforcement Area:**	
Violator ID:	L14461	**Special Assess:**	No
Violator Name:	California Rock & Asphalt Inc	**Primary or Mill:**	Primary
Violator Type CD:	Operator	**Right to Conf Dt:**	03/12/2003
Violation Issue Dt:	03/12/2003	**Asmt Generated Ind:**	No
Violation Issue Time:	1125	**Final Ord Issue Dt:**	08/06/2003
Violation Occur Dt:	03/12/2003	**Proposed Penalty:**	55
Violator Violation Cnt:	0	**Amount Due:**	55
Violator Insp Day Cnt:	0	**Amount Paid:**	55
Contractor ID:		**Bill Print Dt:**	06/11/2003
Cit Ord Safe:	Citation	**Last Action Cd:**	Paid
Orig Term Due Dt:		**Last Action Dt:**	07/14/2003
Orig Term Due Tm:		**Coal Metal Ind:**	M
Latest Term Due Dt:	03/14/2003	**Cal Yr:**	2003
Latest Term Due Tm:	0600	**Cal Qtr:**	1
Termination Dt:	03/12/2003	**Fiscal Yr:**	2003
Termination Time:	1528	**Fiscal Qtr:**	2
Termination Type:	Terminated	**Sig Sub:**	No
Vacate Dt:		**Section of Act:**	
Vacate Time:		**Part Section:**	56.11012
Assess Case Stat Cd:	Closed	**Section of Act 1:**	104(a)
Docket No:		**Section of Act 2:**	
Docket Stat Cd:		**Contested Ind:**	No
Contested Dt:			

Event No:	1139855	**Initial Viol No:**	6442778
Mine Name:	Guadalupe	**Replaced by Ord No:**	
Mine Type:	Surface	**Likelihood:**	Reasonably
Controller ID:	0076453	**Inj Illness:**	Fatal
Controller Name:	Dan Evans; Wayne Evans	**No Affected:**	2
Inspection Begin Dt:	10/07/2008	**Negligence:**	HighNegligence
Inspection End Dt:	10/09/2008	**Written Notice:**	
Violation No:	6442786	**Enforcement Area:**	
Violator ID:	0091225	**Special Assess:**	No
Violator Name:	Evans Brothers Inc	**Primary or Mill:**	Primary
Violator Type CD:	Operator	**Right to Conf Dt:**	
Violation Issue Dt:	10/08/2008	**Asmt Generated Ind:**	No
Violation Issue Time:	1135	**Final Ord Issue Dt:**	02/11/2009
Violation Occur Dt:	10/08/2008	**Proposed Penalty:**	4440
Violator Violation Cnt:	17	**Amount Due:**	4440
Violator Insp Day Cnt:	9	**Amount Paid:**	4440
Contractor ID:		**Bill Print Dt:**	01/07/2009
Cit Ord Safe:	Order	**Last Action Cd:**	Paid
Orig Term Due Dt:		**Last Action Dt:**	05/12/2009
Orig Term Due Tm:		**Coal Metal Ind:**	M
Latest Term Due Dt:		**Cal Yr:**	2008
Latest Term Due Tm:		**Cal Qtr:**	4
Termination Dt:	10/14/2008	**Fiscal Yr:**	2009
Termination Time:	1040	**Fiscal Qtr:**	1
Termination Type:	Terminated	**Sig Sub:**	Yes
Vacate Dt:		**Section of Act:**	
Vacate Time:		**Part Section:**	56.18002(a)
Assess Case Stat Cd:	Closed	**Section of Act 1:**	104(d)(1)
Docket No:		**Section of Act 2:**	
Docket Stat Cd:		**Contested Ind:**	No
Contested Dt:			

Event No:	6599456	**Initial Viol No:**	
Mine Name:	Guadalupe	**Replaced by Ord No:**	
Mine Type:	Surface	**Likelihood:**	Unlikely
Controller ID:	0118621	**Inj Illness:**	LostDays
Controller Name:	Dan Evans	**No Affected:**	1
Inspection Begin Dt:	04/07/2016	**Negligence:**	ModNegligence
Inspection End Dt:	04/13/2016	**Written Notice:**	
Violation No:	8785440	**Enforcement Area:**	

Violator ID:	0091225	**Special Assess:**	No
Violator Name:	Evans Brothers Inc	**Primary or Mill:**	Primary
Violator Type CD:	Operator	**Right to Conf Dt:**	
Violation Issue Dt:	04/11/2016	**Asmt Generated Ind:**	No
Violation Issue Time:	1458	**Final Ord Issue Dt:**	07/23/2016
Violation Occur Dt:	04/11/2016	**Proposed Penalty:**	100
Violator Violation Cnt:	8	**Amount Due:**	100
Violator Insp Day Cnt:	8	**Amount Paid:**	100
Contractor ID:		**Bill Print Dt:**	06/08/2016
Cit Ord Safe:	Citation	**Last Action Cd:**	Paid
Orig Term Due Dt:	04/11/2016	**Last Action Dt:**	06/22/2016
Orig Term Due Tm:	1505	**Coal Metal Ind:**	M
Latest Term Due Dt:	04/11/2016	**Cal Yr:**	2016
Latest Term Due Tm:	1505	**Cal Qtr:**	2
Termination Dt:	04/11/2016	**Fiscal Yr:**	2016
Termination Time:	1503	**Fiscal Qtr:**	3
Termination Type:	Terminated	**Sig Sub:**	No
Vacate Dt:		**Section of Act:**	
Vacate Time:		**Part Section:**	56.4402
Assess Case Stat Cd:	Closed	**Section of Act 1:**	104(a)
Docket No:		**Section of Act 2:**	
Docket Stat Cd:		**Contested Ind:**	No
Contested Dt:			

Event No:	1139855	**Initial Viol No:**	
Mine Name:	Guadalupe	**Replaced by Ord No:**	
Mine Type:	Surface	**Likelihood:**	Unlikely
Controller ID:		**Inj Illness:**	LostDays
Controller Name:		**No Affected:**	1
Inspection Begin Dt:	10/07/2008	**Negligence:**	ModNegligence
Inspection End Dt:	10/09/2008	**Written Notice:**	
Violation No:	6442784	**Enforcement Area:**	
Violator ID:	E045	**Special Assess:**	No
Violator Name:	Keith Peterson Inc	**Primary or Mill:**	Primary
Violator Type CD:	Contractor	**Right to Conf Dt:**	
Violation Issue Dt:	10/08/2008	**Asmt Generated Ind:**	No
Violation Issue Time:	0920	**Final Ord Issue Dt:**	02/21/2009
Violation Occur Dt:	10/08/2008	**Proposed Penalty:**	100
Violator Violation Cnt:	0	**Amount Due:**	100
Violator Insp Day Cnt:	0	**Amount Paid:**	0
Contractor ID:	E045	**Bill Print Dt:**	12/23/2008
Cit Ord Safe:	Citation	**Last Action Cd:**	Treasury
Orig Term Due Dt:	10/08/2008	**Last Action Dt:**	07/23/2009
Orig Term Due Tm:	1200	**Coal Metal Ind:**	M
Latest Term Due Dt:	10/08/2008	**Cal Yr:**	2008
Latest Term Due Tm:	1200	**Cal Qtr:**	4
Termination Dt:	10/08/2008	**Fiscal Yr:**	2009
Termination Time:	0940	**Fiscal Qtr:**	1
Termination Type:	Terminated	**Sig Sub:**	No
Vacate Dt:		**Section of Act:**	
Vacate Time:		**Part Section:**	56.13021
Assess Case Stat Cd:	Received	**Section of Act 1:**	104(a)
Docket No:		**Section of Act 2:**	
Docket Stat Cd:		**Contested Ind:**	No
Contested Dt:			

Event No:	0647047	**Initial Viol No:**	
Mine Name:	Guadalupe	**Replaced by Ord No:**	
Mine Type:	Surface	**Likelihood:**	Reasonably
Controller ID:	M11038	**Inj Illness:**	Fatal
Controller Name:	Estate of David(Sam) Johnson; Brad Johnson	**No Affected:**	1
Inspection Begin Dt:	03/11/2003	**Negligence:**	ModNegligence
Inspection End Dt:	03/14/2003	**Written Notice:**	
Violation No:	6338000	**Enforcement Area:**	
Violator ID:	L14461	**Special Assess:**	No
Violator Name:	California Rock & Asphalt Inc	**Primary or Mill:**	Primary
Violator Type CD:	Operator	**Right to Conf Dt:**	03/12/2003
Violation Issue Dt:	03/12/2003	**Asmt Generated Ind:**	No
Violation Issue Time:	1015	**Final Ord Issue Dt:**	12/19/2003

Violation Occur Dt:	03/12/2003	**Proposed Penalty:**	294
Violator Violation Cnt:	34	**Amount Due:**	294
Violator Insp Day Cnt:	24	**Amount Paid:**	294
Contractor ID:		**Bill Print Dt:**	11/04/2003
Cit Ord Safe:	Citation	**Last Action Cd:**	Paid
Orig Term Due Dt:		**Last Action Dt:**	11/28/2003
Orig Term Due Tm:		**Coal Metal Ind:**	M
Latest Term Due Dt:	03/13/2003	**Cal Yr:**	2003
Latest Term Due Tm:	1200	**Cal Qtr:**	1
Termination Dt:	10/07/2003	**Fiscal Yr:**	2003
Termination Time:	0935	**Fiscal Qtr:**	2
Termination Type:	Terminated	**Sig Sub:**	Yes
Vacate Dt:		**Section of Act:**	
Vacate Time:		**Part Section:**	56.14110
Assess Case Stat Cd:	Closed	**Section of Act 1:**	104(a)
Docket No:		**Section of Act 2:**	
Docket Stat Cd:		**Contested Ind:**	No
Contested Dt:			

Event No:	1121020	**Initial Viol No:**	
Mine Name:	Guadalupe	**Replaced by Ord No:**	
Mine Type:	Surface	**Likelihood:**	Unlikely
Controller ID:	M11038	**Inj Illness:**	LostDays
Controller Name:	Estate of David(Sam) Johnson; Brad Johnson	**No Affected:**	5
Inspection Begin Dt:	10/06/2003	**Negligence:**	ModNegligence
Inspection End Dt:	10/08/2003	**Written Notice:**	
Violation No:	6348353	**Enforcement Area:**	
Violator ID:	L14461	**Special Assess:**	No
Violator Name:	California Rock & Asphalt Inc	**Primary or Mill:**	Primary
Violator Type CD:	Operator	**Right to Conf Dt:**	10/07/2003
Violation Issue Dt:	10/07/2003	**Asmt Generated Ind:**	No
Violation Issue Time:	0820	**Final Ord Issue Dt:**	03/05/2004
Violation Occur Dt:	10/07/2003	**Proposed Penalty:**	495
Violator Violation Cnt:	40	**Amount Due:**	495
Violator Insp Day Cnt:	21	**Amount Paid:**	495
Contractor ID:		**Bill Print Dt:**	01/06/2004
Cit Ord Safe:	Order	**Last Action Cd:**	Paid
Orig Term Due Dt:		**Last Action Dt:**	02/09/2004
Orig Term Due Tm:		**Coal Metal Ind:**	M
Latest Term Due Dt:		**Cal Yr:**	2003
Latest Term Due Tm:		**Cal Qtr:**	4
Termination Dt:	10/07/2003	**Fiscal Yr:**	2004
Termination Time:	0950	**Fiscal Qtr:**	1
Termination Type:	Terminated	**Sig Sub:**	No
Vacate Dt:		**Section of Act:**	
Vacate Time:		**Part Section:**	47.2(b)
Assess Case Stat Cd:	Closed	**Section of Act 1:**	104(g)(1)
Docket No:		**Section of Act 2:**	
Docket Stat Cd:		**Contested Ind:**	No
Contested Dt:			

Event No:	0614589	**Initial Viol No:**	
Mine Name:	Guadalupe	**Replaced by Ord No:**	
Mine Type:	Surface	**Likelihood:**	Unlikely
Controller ID:	M11038	**Inj Illness:**	LostDays
Controller Name:	Estate of David(Sam) Johnson; Brad Johnson	**No Affected:**	1
Inspection Begin Dt:	02/24/2000	**Negligence:**	HighNegligence
Inspection End Dt:	03/03/2000	**Written Notice:**	
Violation No:	7972865	**Enforcement Area:**	
Violator ID:	L14461	**Special Assess:**	No
Violator Name:	California Rock & Asphalt Inc	**Primary or Mill:**	Primary
Violator Type CD:	Operator	**Right to Conf Dt:**	02/24/2000
Violation Issue Dt:	02/24/2000	**Asmt Generated Ind:**	No
Violation Issue Time:	1205	**Final Ord Issue Dt:**	05/03/2000
Violation Occur Dt:	02/24/2000	**Proposed Penalty:**	55
Violator Violation Cnt:	0	**Amount Due:**	55
Violator Insp Day Cnt:	0	**Amount Paid:**	55
Contractor ID:		**Bill Print Dt:**	04/05/2000
Cit Ord Safe:	Citation	**Last Action Cd:**	Paid

Orig Term Due Dt:		**Last Action Dt:**	05/03/2000
Orig Term Due Tm:		**Coal Metal Ind:**	M
Latest Term Due Dt:	02/25/2000	**Cal Yr:**	2000
Latest Term Due Tm:	0800	**Cal Qtr:**	1
Termination Dt:	02/25/2000	**Fiscal Yr:**	2000
Termination Time:	1040	**Fiscal Qtr:**	2
Termination Type:	Terminated	**Sig Sub:**	No
Vacate Dt:		**Section of Act:**	
Vacate Time:		**Part Section:**	56.11001
Assess Case Stat Cd:	Closed	**Section of Act 1:**	104(a)
Docket No:		**Section of Act 2:**	
Docket Stat Cd:		**Contested Ind:**	No
Contested Dt:			

Event No:	1139766	**Initial Viol No:**	
Mine Name:	Guadalupe	**Replaced by Ord No:**	
Mine Type:	Surface	**Likelihood:**	Unlikely
Controller ID:	0076453	**Inj Illness:**	Fatal
Controller Name:	Dan Evans; Wayne Evans	**No Affected:**	1
Inspection Begin Dt:	06/24/2008	**Negligence:**	ModNegligence
Inspection End Dt:	06/24/2008	**Written Notice:**	
Violation No:	6432855	**Enforcement Area:**	
Violator ID:	0091225	**Special Assess:**	No
Violator Name:	Evans Brothers Inc	**Primary or Mill:**	Primary
Violator Type CD:	Operator	**Right to Conf Dt:**	
Violation Issue Dt:	06/24/2008	**Asmt Generated Ind:**	No
Violation Issue Time:	0945	**Final Ord Issue Dt:**	09/12/2008
Violation Occur Dt:	06/24/2008	**Proposed Penalty:**	100
Violator Violation Cnt:	0	**Amount Due:**	100
Violator Insp Day Cnt:	6	**Amount Paid:**	100
Contractor ID:		**Bill Print Dt:**	08/06/2008
Cit Ord Safe:	Citation	**Last Action Cd:**	Paid
Orig Term Due Dt:	06/24/2008	**Last Action Dt:**	12/01/2008
Orig Term Due Tm:	1530	**Coal Metal Ind:**	M
Latest Term Due Dt:	06/24/2008	**Cal Yr:**	2008
Latest Term Due Tm:	1530	**Cal Qtr:**	2
Termination Dt:	06/24/2008	**Fiscal Yr:**	2008
Termination Time:	1430	**Fiscal Qtr:**	3
Termination Type:	Terminated	**Sig Sub:**	No
Vacate Dt:		**Section of Act:**	
Vacate Time:		**Part Section:**	56.12013
Assess Case Stat Cd:	Closed	**Section of Act 1:**	104(a)
Docket No:		**Section of Act 2:**	
Docket Stat Cd:		**Contested Ind:**	No
Contested Dt:			

Event No:	0614484	**Initial Viol No:**	
Mine Name:	Guadalupe	**Replaced by Ord No:**	
Mine Type:	Surface	**Likelihood:**	Unlikely
Controller ID:	M11038	**Inj Illness:**	Fatal
Controller Name:	Estate of David(Sam) Johnson; Brad Johnson	**No Affected:**	1
Inspection Begin Dt:	10/10/2000	**Negligence:**	ModNegligence
Inspection End Dt:	10/17/2000	**Written Notice:**	
Violation No:	7987486	**Enforcement Area:**	
Violator ID:	L14461	**Special Assess:**	No
Violator Name:	California Rock & Asphalt Inc	**Primary or Mill:**	Primary
Violator Type CD:	Operator	**Right to Conf Dt:**	10/12/2000
Violation Issue Dt:	10/12/2000	**Asmt Generated Ind:**	No
Violation Issue Time:	1455	**Final Ord Issue Dt:**	01/10/2001
Violation Occur Dt:	10/12/2000	**Proposed Penalty:**	55
Violator Violation Cnt:	0	**Amount Due:**	55
Violator Insp Day Cnt:	0	**Amount Paid:**	55
Contractor ID:		**Bill Print Dt:**	12/08/2000
Cit Ord Safe:	Citation	**Last Action Cd:**	Paid
Orig Term Due Dt:		**Last Action Dt:**	01/10/2001
Orig Term Due Tm:		**Coal Metal Ind:**	M
Latest Term Due Dt:	10/12/2000	**Cal Yr:**	2000
Latest Term Due Tm:	1530	**Cal Qtr:**	4
Termination Dt:	10/17/2000	**Fiscal Yr:**	2001

Termination Time:	1345	**Fiscal Qtr:**	1
Termination Type:	Terminated	**Sig Sub:**	No
Vacate Dt:		**Section of Act:**	
Vacate Time:		**Part Section:**	56.14107(a)
Assess Case Stat Cd:	Closed	**Section of Act 1:**	104(a)
Docket No:		**Section of Act 2:**	
Docket Stat Cd:		**Contested Ind:**	No
Contested Dt:			

Event No:	1161825	**Initial Viol No:**	
Mine Name:	Guadalupe	**Replaced by Ord No:**	
Mine Type:	Surface	**Likelihood:**	Unlikely
Controller ID:	0076453	**Inj Illness:**	Fatal
Controller Name:	Dan Evans; Wayne Evans	**No Affected:**	1
Inspection Begin Dt:	10/22/2012	**Negligence:**	ModNegligence
Inspection End Dt:	10/25/2012	**Written Notice:**	
Violation No:	8695555	**Enforcement Area:**	
Violator ID:	0091225	**Special Assess:**	No
Violator Name:	Evans Brothers Inc	**Primary or Mill:**	Primary
Violator Type CD:	Operator	**Right to Conf Dt:**	
Violation Issue Dt:	10/23/2012	**Asmt Generated Ind:**	No
Violation Issue Time:	1430	**Final Ord Issue Dt:**	12/01/2013
Violation Occur Dt:	10/23/2012	**Proposed Penalty:**	2106
Violator Violation Cnt:	11	**Amount Due:**	1582
Violator Insp Day Cnt:	5	**Amount Paid:**	1582
Contractor ID:		**Bill Print Dt:**	02/06/2013
Cit Ord Safe:	Citation	**Last Action Cd:**	Paid
Orig Term Due Dt:	10/25/2012	**Last Action Dt:**	12/27/2013
Orig Term Due Tm:	1530	**Coal Metal Ind:**	M
Latest Term Due Dt:	12/15/2012	**Cal Yr:**	2012
Latest Term Due Tm:	1530	**Cal Qtr:**	4
Termination Dt:	01/07/2013	**Fiscal Yr:**	2013
Termination Time:	1415	**Fiscal Qtr:**	1
Termination Type:	Terminated	**Sig Sub:**	No
Vacate Dt:		**Section of Act:**	
Vacate Time:		**Part Section:**	56.12040
Assess Case Stat Cd:	Closed	**Section of Act 1:**	104(a)
Docket No:		**Section of Act 2:**	
Docket Stat Cd:		**Contested Ind:**	No
Contested Dt:			

Event No:	1162004	**Initial Viol No:**	
Mine Name:	Guadalupe	**Replaced by Ord No:**	
Mine Type:	Surface	**Likelihood:**	Unlikely
Controller ID:	0076453	**Inj Illness:**	LostDays
Controller Name:	Dan Evans; Wayne Evans	**No Affected:**	1
Inspection Begin Dt:	11/02/2010	**Negligence:**	LowNegligence
Inspection End Dt:	11/03/2010	**Written Notice:**	
Violation No:	6386035	**Enforcement Area:**	
Violator ID:	0091225	**Special Assess:**	No
Violator Name:	Evans Brothers Inc	**Primary or Mill:**	Primary
Violator Type CD:	Operator	**Right to Conf Dt:**	
Violation Issue Dt:	11/02/2010	**Asmt Generated Ind:**	No
Violation Issue Time:	1305	**Final Ord Issue Dt:**	01/27/2011
Violation Occur Dt:	11/02/2010	**Proposed Penalty:**	100
Violator Violation Cnt:	3	**Amount Due:**	100
Violator Insp Day Cnt:	6	**Amount Paid:**	100
Contractor ID:		**Bill Print Dt:**	12/08/2010
Cit Ord Safe:	Citation	**Last Action Cd:**	Paid
Orig Term Due Dt:	11/16/2010	**Last Action Dt:**	01/05/2011
Orig Term Due Tm:	1530	**Coal Metal Ind:**	M
Latest Term Due Dt:	11/16/2010	**Cal Yr:**	2010
Latest Term Due Tm:	1530	**Cal Qtr:**	4
Termination Dt:	12/06/2010	**Fiscal Yr:**	2011
Termination Time:	1330	**Fiscal Qtr:**	1
Termination Type:	Terminated	**Sig Sub:**	No
Vacate Dt:		**Section of Act:**	
Vacate Time:		**Part Section:**	56.9300(b)
Assess Case Stat Cd:	Closed	**Section of Act 1:**	104(a)

Docket No:		**Section of Act 2:**	
Docket Stat Cd:		**Contested Ind:**	No
Contested Dt:			

Event No:	0647047	**Initial Viol No:**	
Mine Name:	Guadalupe	**Replaced by Ord No:**	
Mine Type:	Surface	**Likelihood:**	Reasonably
Controller ID:	M11038	**Inj Illness:**	LostDays
Controller Name:	Estate of David(Sam) Johnson; Brad Johnson	**No Affected:**	1
Inspection Begin Dt:	03/11/2003	**Negligence:**	ModNegligence
Inspection End Dt:	03/14/2003	**Written Notice:**	
Violation No:	6337998	**Enforcement Area:**	
Violator ID:	L14461	**Special Assess:**	No
Violator Name:	California Rock & Asphalt Inc	**Primary or Mill:**	Primary
Violator Type CD:	Operator	**Right to Conf Dt:**	03/12/2003
Violation Issue Dt:	03/12/2003	**Asmt Generated Ind:**	No
Violation Issue Time:	1000	**Final Ord Issue Dt:**	08/06/2003
Violation Occur Dt:	03/12/2003	**Proposed Penalty:**	184
Violator Violation Cnt:	0	**Amount Due:**	184
Violator Insp Day Cnt:	0	**Amount Paid:**	184
Contractor ID:		**Bill Print Dt:**	06/11/2003
Cit Ord Safe:	Citation	**Last Action Cd:**	Paid
Orig Term Due Dt:		**Last Action Dt:**	07/14/2003
Orig Term Due Tm:		**Coal Metal Ind:**	M
Latest Term Due Dt:	03/12/2003	**Cal Yr:**	2003
Latest Term Due Tm:	1200	**Cal Qtr:**	1
Termination Dt:	03/12/2003	**Fiscal Yr:**	2003
Termination Time:	1200	**Fiscal Qtr:**	2
Termination Type:	Terminated	**Sig Sub:**	Yes
Vacate Dt:		**Section of Act:**	
Vacate Time:		**Part Section:**	56.11002
Assess Case Stat Cd:	Closed	**Section of Act 1:**	104(a)
Docket No:		**Section of Act 2:**	
Docket Stat Cd:		**Contested Ind:**	No
Contested Dt:			

Event No:	0646987	**Initial Viol No:**	
Mine Name:	Guadalupe	**Replaced by Ord No:**	
Mine Type:	Surface	**Likelihood:**	Unlikely
Controller ID:	M11038	**Inj Illness:**	LostDays
Controller Name:	Estate of David(Sam) Johnson; Brad Johnson	**No Affected:**	1
Inspection Begin Dt:	11/08/2002	**Negligence:**	ModNegligence
Inspection End Dt:	11/08/2002	**Written Notice:**	
Violation No:	6337882	**Enforcement Area:**	
Violator ID:	L14461	**Special Assess:**	No
Violator Name:	California Rock & Asphalt Inc	**Primary or Mill:**	Primary
Violator Type CD:	Operator	**Right to Conf Dt:**	11/08/2002
Violation Issue Dt:	11/08/2002	**Asmt Generated Ind:**	No
Violation Issue Time:	1125	**Final Ord Issue Dt:**	09/17/2003
Violation Occur Dt:	11/08/2002	**Proposed Penalty:**	55
Violator Violation Cnt:	16	**Amount Due:**	55
Violator Insp Day Cnt:	19	**Amount Paid:**	55
Contractor ID:		**Bill Print Dt:**	08/05/2003
Cit Ord Safe:	Citation	**Last Action Cd:**	Paid
Orig Term Due Dt:		**Last Action Dt:**	10/02/2003
Orig Term Due Tm:		**Coal Metal Ind:**	M
Latest Term Due Dt:	11/12/2002	**Cal Yr:**	2002
Latest Term Due Tm:	0800	**Cal Qtr:**	4
Termination Dt:	11/13/2002	**Fiscal Yr:**	2003
Termination Time:	1100	**Fiscal Qtr:**	1
Termination Type:	Terminated	**Sig Sub:**	No
Vacate Dt:		**Section of Act:**	
Vacate Time:		**Part Section:**	56.20003(a)
Assess Case Stat Cd:	Closed	**Section of Act 1:**	104(a)
Docket No:		**Section of Act 2:**	
Docket Stat Cd:		**Contested Ind:**	No
Contested Dt:			

Event No:	0647061	**Initial Viol No:**	

Mine Name:	Guadalupe	**Replaced by Ord No:**	
Mine Type:	Surface	**Likelihood:**	Reasonably
Controller ID:		**Inj Illness:**	Fatal
Controller Name:		**No Affected:**	1
Inspection Begin Dt:	05/29/2002	**Negligence:**	ModNegligence
Inspection End Dt:	05/30/2002	**Written Notice:**	
Violation No:	6333667	**Enforcement Area:**	
Violator ID:	JDY	**Special Assess:**	No
Violator Name:	Benny'S Repair	**Primary or Mill:**	Primary
Violator Type CD:	Contractor	**Right to Conf Dt:**	05/29/2002
Violation Issue Dt:	05/29/2002	**Asmt Generated Ind:**	No
Violation Issue Time:	1306	**Final Ord Issue Dt:**	09/12/2002
Violation Occur Dt:	05/29/2002	**Proposed Penalty:**	113
Violator Violation Cnt:	0	**Amount Due:**	113
Violator Insp Day Cnt:	0	**Amount Paid:**	113
Contractor ID:	JDY	**Bill Print Dt:**	07/31/2002
Cit Ord Safe:	Citation	**Last Action Cd:**	Paid
Orig Term Due Dt:		**Last Action Dt:**	11/05/2002
Orig Term Due Tm:		**Coal Metal Ind:**	M
Latest Term Due Dt:	05/29/2002	**Cal Yr:**	2002
Latest Term Due Tm:	1400	**Cal Qtr:**	2
Termination Dt:	05/29/2002	**Fiscal Yr:**	2002
Termination Time:	1310	**Fiscal Qtr:**	3
Termination Type:	Terminated	**Sig Sub:**	Yes
Vacate Dt:		**Section of Act:**	
Vacate Time:		**Part Section:**	56.14211(a)
Assess Case Stat Cd:	Closed	**Section of Act 1:**	104(a)
Docket No:		**Section of Act 2:**	
Docket Stat Cd:		**Contested Ind:**	No
Contested Dt:			

Event No:	1139855	**Initial Viol No:**	
Mine Name:	Guadalupe	**Replaced by Ord No:**	
Mine Type:	Surface	**Likelihood:**	Unlikely
Controller ID:	0076453	**Inj Illness:**	LostDays
Controller Name:	Dan Evans; Wayne Evans	**No Affected:**	1
Inspection Begin Dt:	10/07/2008	**Negligence:**	ModNegligence
Inspection End Dt:	10/09/2008	**Written Notice:**	
Violation No:	6442785	**Enforcement Area:**	
Violator ID:	0091225	**Special Assess:**	No
Violator Name:	Evans Brothers Inc	**Primary or Mill:**	Primary
Violator Type CD:	Operator	**Right to Conf Dt:**	
Violation Issue Dt:	10/08/2008	**Asmt Generated Ind:**	No
Violation Issue Time:	0950	**Final Ord Issue Dt:**	01/14/2009
Violation Occur Dt:	10/08/2008	**Proposed Penalty:**	100
Violator Violation Cnt:	17	**Amount Due:**	100
Violator Insp Day Cnt:	9	**Amount Paid:**	100
Contractor ID:		**Bill Print Dt:**	12/10/2008
Cit Ord Safe:	Citation	**Last Action Cd:**	Paid
Orig Term Due Dt:	10/08/2008	**Last Action Dt:**	02/04/2009
Orig Term Due Tm:	1630	**Coal Metal Ind:**	M
Latest Term Due Dt:	10/08/2008	**Cal Yr:**	2008
Latest Term Due Tm:	1630	**Cal Qtr:**	4
Termination Dt:	10/08/2008	**Fiscal Yr:**	2009
Termination Time:	1345	**Fiscal Qtr:**	1
Termination Type:	Terminated	**Sig Sub:**	No
Vacate Dt:		**Section of Act:**	
Vacate Time:		**Part Section:**	56.4200(b)(2)
Assess Case Stat Cd:	Closed	**Section of Act 1:**	104(a)
Docket No:		**Section of Act 2:**	
Docket Stat Cd:		**Contested Ind:**	No
Contested Dt:			

Event No:	1121398	**Initial Viol No:**	
Mine Name:	Guadalupe	**Replaced by Ord No:**	
Mine Type:	Surface	**Likelihood:**	Reasonably
Controller ID:	M11038	**Inj Illness:**	Fatal
Controller Name:	Estate of David(Sam) Johnson; Brad Johnson	**No Affected:**	1
Inspection Begin Dt:	12/01/2004	**Negligence:**	ModNegligence

Inspection End Dt:	12/03/2004	**Written Notice:**	
Violation No:	6366873	**Enforcement Area:**	
Violator ID:	L14461	**Special Assess:**	No
Violator Name:	California Rock & Asphalt Inc	**Primary or Mill:**	Primary
Violator Type CD:	Operator	**Right to Conf Dt:**	12/01/2004
Violation Issue Dt:	12/01/2004	**Asmt Generated Ind:**	No
Violation Issue Time:	1350	**Final Ord Issue Dt:**	05/19/2005
Violation Occur Dt:	12/01/2004	**Proposed Penalty:**	723
Violator Violation Cnt:	36	**Amount Due:**	723
Violator Insp Day Cnt:	18	**Amount Paid:**	723
Contractor ID:		**Bill Print Dt:**	03/08/2005
Cit Ord Safe:	Citation	**Last Action Cd:**	Paid
Orig Term Due Dt:		**Last Action Dt:**	10/12/2005
Orig Term Due Tm:		**Coal Metal Ind:**	M
Latest Term Due Dt:	12/01/2004	**Cal Yr:**	2004
Latest Term Due Tm:	1351	**Cal Qtr:**	4
Termination Dt:	12/01/2004	**Fiscal Yr:**	2005
Termination Time:	1352	**Fiscal Qtr:**	1
Termination Type:	Terminated	**Sig Sub:**	Yes
Vacate Dt:		**Section of Act:**	
Vacate Time:		**Part Section:**	56.12030
Assess Case Stat Cd:	Closed	**Section of Act 1:**	104(a)
Docket No:		**Section of Act 2:**	
Docket Stat Cd:		**Contested Ind:**	No
Contested Dt:			

Event No:	6728058	**Initial Viol No:**	
Mine Name:	Guadalupe	**Replaced by Ord No:**	
Mine Type:	Surface	**Likelihood:**	NoLikelihood
Controller ID:	0118621	**Inj Illness:**	NoLostDays
Controller Name:	Dan Evans	**No Affected:**	0
Inspection Begin Dt:	08/08/2017	**Negligence:**	ModNegligence
Inspection End Dt:	08/08/2017	**Written Notice:**	
Violation No:	9372554	**Enforcement Area:**	
Violator ID:	0091225	**Special Assess:**	No
Violator Name:	Evans Brothers Inc	**Primary or Mill:**	Primary
Violator Type CD:	Operator	**Right to Conf Dt:**	
Violation Issue Dt:	08/08/2017	**Asmt Generated Ind:**	No
Violation Issue Time:	1145	**Final Ord Issue Dt:**	
Violation Occur Dt:	08/08/2017	**Proposed Penalty:**	
Violator Violation Cnt:		**Amount Due:**	
Violator Insp Day Cnt:		**Amount Paid:**	
Contractor ID:		**Bill Print Dt:**	
Cit Ord Safe:	Citation	**Last Action Cd:**	
Orig Term Due Dt:	08/08/2017	**Last Action Dt:**	
Orig Term Due Tm:	1500	**Coal Metal Ind:**	M
Latest Term Due Dt:	08/08/2017	**Cal Yr:**	2017
Latest Term Due Tm:	1500	**Cal Qtr:**	3
Termination Dt:	08/08/2017	**Fiscal Yr:**	2017
Termination Time:	1210	**Fiscal Qtr:**	4
Termination Type:	Terminated	**Sig Sub:**	No
Vacate Dt:		**Section of Act:**	
Vacate Time:		**Part Section:**	41.12
Assess Case Stat Cd:		**Section of Act 1:**	104(a)
Docket No:		**Section of Act 2:**	
Docket Stat Cd:		**Contested Ind:**	No
Contested Dt:			

Event No:	1155070	**Initial Viol No:**	
Mine Name:	Guadalupe	**Replaced by Ord No:**	
Mine Type:	Surface	**Likelihood:**	Reasonably
Controller ID:		**Inj Illness:**	LostDays
Controller Name:		**No Affected:**	1
Inspection Begin Dt:	08/24/2010	**Negligence:**	ModNegligence
Inspection End Dt:	08/25/2010	**Written Notice:**	
Violation No:	8561458	**Enforcement Area:**	
Violator ID:	M7I	**Special Assess:**	No
Violator Name:	Peterson Tractor Company	**Primary or Mill:**	Primary
Violator Type CD:	Contractor	**Right to Conf Dt:**	

Violation Issue Dt:	08/24/2010	**Asmt Generated Ind:**	No
Violation Issue Time:	1420	**Final Ord Issue Dt:**	11/26/2010
Violation Occur Dt:	08/24/2010	**Proposed Penalty:**	100
Violator Violation Cnt:	1	**Amount Due:**	100
Violator Insp Day Cnt:	0	**Amount Paid:**	100
Contractor ID:	M7I	**Bill Print Dt:**	10/21/2010
Cit Ord Safe:	Citation	**Last Action Cd:**	Paid
Orig Term Due Dt:	08/24/2010	**Last Action Dt:**	11/12/2010
Orig Term Due Tm:	1600	**Coal Metal Ind:**	M
Latest Term Due Dt:	08/24/2010	**Cal Yr:**	2010
Latest Term Due Tm:	1600	**Cal Qtr:**	3
Termination Dt:	08/25/2010	**Fiscal Yr:**	2010
Termination Time:	0915	**Fiscal Qtr:**	4
Termination Type:	Terminated	**Sig Sub:**	Yes
Vacate Dt:		**Section of Act:**	
Vacate Time:		**Part Section:**	56.14103(c)(1)
Assess Case Stat Cd:	Closed	**Section of Act 1:**	104(a)
Docket No:		**Section of Act 2:**	
Docket Stat Cd:		**Contested Ind:**	No
Contested Dt:			

Event No:	1143173	**Initial Viol No:**	
Mine Name:	Guadalupe	**Replaced by Ord No:**	
Mine Type:	Surface	**Likelihood:**	Unlikely
Controller ID:	0076453	**Inj Illness:**	LostDays
Controller Name:	Dan Evans; Wayne Evans	**No Affected:**	1
Inspection Begin Dt:	03/18/2009	**Negligence:**	ModNegligence
Inspection End Dt:	03/19/2009	**Written Notice:**	
Violation No:	6443316	**Enforcement Area:**	
Violator ID:	0091225	**Special Assess:**	No
Violator Name:	Evans Brothers Inc	**Primary or Mill:**	Primary
Violator Type CD:	Operator	**Right to Conf Dt:**	
Violation Issue Dt:	03/18/2009	**Asmt Generated Ind:**	No
Violation Issue Time:	1138	**Final Ord Issue Dt:**	06/12/2009
Violation Occur Dt:	03/18/2009	**Proposed Penalty:**	127
Violator Violation Cnt:	26	**Amount Due:**	127
Violator Insp Day Cnt:	8	**Amount Paid:**	127
Contractor ID:		**Bill Print Dt:**	05/06/2009
Cit Ord Safe:	Citation	**Last Action Cd:**	Paid
Orig Term Due Dt:	03/19/2009	**Last Action Dt:**	06/05/2009
Orig Term Due Tm:	1000	**Coal Metal Ind:**	M
Latest Term Due Dt:	03/19/2009	**Cal Yr:**	2009
Latest Term Due Tm:	1000	**Cal Qtr:**	1
Termination Dt:	03/19/2009	**Fiscal Yr:**	2009
Termination Time:	0945	**Fiscal Qtr:**	2
Termination Type:	Terminated	**Sig Sub:**	No
Vacate Dt:		**Section of Act:**	
Vacate Time:		**Part Section:**	56.14109(b)(1)
Assess Case Stat Cd:	Closed	**Section of Act 1:**	104(a)
Docket No:		**Section of Act 2:**	
Docket Stat Cd:		**Contested Ind:**	No
Contested Dt:			

Event No:	6663793	**Initial Viol No:**	
Mine Name:	Guadalupe	**Replaced by Ord No:**	
Mine Type:	Surface	**Likelihood:**	Unlikely
Controller ID:	0118621	**Inj Illness:**	Permanent
Controller Name:	Dan Evans	**No Affected:**	1
Inspection Begin Dt:	02/09/2017	**Negligence:**	ModNegligence
Inspection End Dt:	02/09/2017	**Written Notice:**	
Violation No:	8991134	**Enforcement Area:**	
Violator ID:	0091225	**Special Assess:**	No
Violator Name:	Evans Brothers Inc	**Primary or Mill:**	Primary
Violator Type CD:	Operator	**Right to Conf Dt:**	
Violation Issue Dt:	02/09/2017	**Asmt Generated Ind:**	No
Violation Issue Time:	1005	**Final Ord Issue Dt:**	05/20/2017
Violation Occur Dt:	02/09/2017	**Proposed Penalty:**	116
Violator Violation Cnt:	6	**Amount Due:**	116
Violator Insp Day Cnt:	8	**Amount Paid:**	116

Contractor ID:		**Bill Print Dt:**	04/05/2017
Cit Ord Safe:	Citation	**Last Action Cd:**	Paid
Orig Term Due Dt:	02/10/2017	**Last Action Dt:**	04/18/2017
Orig Term Due Tm:	0700	**Coal Metal Ind:**	M
Latest Term Due Dt:	02/28/2017	**Cal Yr:**	2017
Latest Term Due Tm:	1100	**Cal Qtr:**	1
Termination Dt:	02/28/2017	**Fiscal Yr:**	2017
Termination Time:	1205	**Fiscal Qtr:**	2
Termination Type:	Terminated	**Sig Sub:**	No
Vacate Dt:		**Section of Act:**	
Vacate Time:		**Part Section:**	56.14107(a)
Assess Case Stat Cd:	Closed	**Section of Act 1:**	104(a)
Docket No:		**Section of Act 2:**	
Docket Stat Cd:		**Contested Ind:**	No
Contested Dt:			

Event No:	1155278	**Initial Viol No:**	
Mine Name:	Guadalupe	**Replaced by Ord No:**	
Mine Type:	Surface	**Likelihood:**	Reasonably
Controller ID:	0076453	**Inj Illness:**	Permanent
Controller Name:	Dan Evans; Wayne Evans	**No Affected:**	2
Inspection Begin Dt:	11/15/2011	**Negligence:**	LowNegligence
Inspection End Dt:	11/17/2011	**Written Notice:**	
Violation No:	8612903	**Enforcement Area:**	
Violator ID:	0091225	**Special Assess:**	No
Violator Name:	Evans Brothers Inc	**Primary or Mill:**	Primary
Violator Type CD:	Operator	**Right to Conf Dt:**	
Violation Issue Dt:	12/05/2011	**Asmt Generated Ind:**	No
Violation Issue Time:	1130	**Final Ord Issue Dt:**	10/23/2013
Violation Occur Dt:	11/15/2011	**Proposed Penalty:**	1026
Violator Violation Cnt:	17	**Amount Due:**	460
Violator Insp Day Cnt:	7	**Amount Paid:**	460
Contractor ID:		**Bill Print Dt:**	01/11/2012
Cit Ord Safe:	Citation	**Last Action Cd:**	Paid
Orig Term Due Dt:	12/19/2011	**Last Action Dt:**	07/23/2014
Orig Term Due Tm:	0700	**Coal Metal Ind:**	M
Latest Term Due Dt:	02/03/2012	**Cal Yr:**	2011
Latest Term Due Tm:	1600	**Cal Qtr:**	4
Termination Dt:	02/21/2012	**Fiscal Yr:**	2012
Termination Time:	0955	**Fiscal Qtr:**	1
Termination Type:	Terminated	**Sig Sub:**	Yes
Vacate Dt:		**Section of Act:**	
Vacate Time:		**Part Section:**	56.5002
Assess Case Stat Cd:	Closed	**Section of Act 1:**	104(a)
Docket No:		**Section of Act 2:**	
Docket Stat Cd:		**Contested Ind:**	No
Contested Dt:			

Event No:	6663641	**Initial Viol No:**	
Mine Name:	Guadalupe	**Replaced by Ord No:**	
Mine Type:	Surface	**Likelihood:**	Reasonably
Controller ID:	0118621	**Inj Illness:**	LostDays
Controller Name:	Dan Evans	**No Affected:**	1
Inspection Begin Dt:	06/30/2015	**Negligence:**	ModNegligence
Inspection End Dt:	07/01/2015	**Written Notice:**	
Violation No:	8793304	**Enforcement Area:**	
Violator ID:	0091225	**Special Assess:**	No
Violator Name:	Evans Brothers Inc	**Primary or Mill:**	Primary
Violator Type CD:	Operator	**Right to Conf Dt:**	
Violation Issue Dt:	06/30/2015	**Asmt Generated Ind:**	No
Violation Issue Time:	1015	**Final Ord Issue Dt:**	10/18/2015
Violation Occur Dt:	06/30/2015	**Proposed Penalty:**	100
Violator Violation Cnt:	2	**Amount Due:**	100
Violator Insp Day Cnt:	4	**Amount Paid:**	100
Contractor ID:		**Bill Print Dt:**	08/05/2015
Cit Ord Safe:	Citation	**Last Action Cd:**	Paid
Orig Term Due Dt:	07/01/2015	**Last Action Dt:**	09/29/2015
Orig Term Due Tm:	0600	**Coal Metal Ind:**	M
Latest Term Due Dt:	07/01/2015	**Cal Yr:**	2015

Latest Term Due Tm:	0600	**Cal Qtr:**	2
Termination Dt:	07/01/2015	**Fiscal Yr:**	2015
Termination Time:	0900	**Fiscal Qtr:**	3
Termination Type:	Terminated	**Sig Sub:**	Yes
Vacate Dt:		**Section of Act:**	
Vacate Time:		**Part Section:**	56.11001
Assess Case Stat Cd:	Closed	**Section of Act 1:**	104(a)
Docket No:		**Section of Act 2:**	
Docket Stat Cd:		**Contested Ind:**	No
Contested Dt:			

Event No:	1139074	**Initial Viol No:**	
Mine Name:	Guadalupe	**Replaced by Ord No:**	
Mine Type:	Surface	**Likelihood:**	Unlikely
Controller ID:		**Inj Illness:**	Permanent
Controller Name:		**No Affected:**	1
Inspection Begin Dt:	09/11/2007	**Negligence:**	ModNegligence
Inspection End Dt:	09/18/2007	**Written Notice:**	
Violation No:	7958717	**Enforcement Area:**	
Violator ID:	N261	**Special Assess:**	No
Violator Name:	Evans Brothers Inc	**Primary or Mill:**	Primary
Violator Type CD:	Contractor	**Right to Conf Dt:**	
Violation Issue Dt:	09/11/2007	**Asmt Generated Ind:**	No
Violation Issue Time:	1240	**Final Ord Issue Dt:**	11/28/2007
Violation Occur Dt:	09/11/2007	**Proposed Penalty:**	100
Violator Violation Cnt:	0	**Amount Due:**	100
Violator Insp Day Cnt:	0	**Amount Paid:**	100
Contractor ID:	N261	**Bill Print Dt:**	10/23/2007
Cit Ord Safe:	Citation	**Last Action Cd:**	Paid
Orig Term Due Dt:	09/12/2007	**Last Action Dt:**	01/03/2008
Orig Term Due Tm:	0800	**Coal Metal Ind:**	M
Latest Term Due Dt:	09/12/2007	**Cal Yr:**	2007
Latest Term Due Tm:	0800	**Cal Qtr:**	3
Termination Dt:	09/18/2007	**Fiscal Yr:**	2007
Termination Time:	0727	**Fiscal Qtr:**	4
Termination Type:	Terminated	**Sig Sub:**	No
Vacate Dt:		**Section of Act:**	
Vacate Time:		**Part Section:**	56.14112(b)
Assess Case Stat Cd:	Closed	**Section of Act 1:**	104(a)
Docket No:		**Section of Act 2:**	
Docket Stat Cd:		**Contested Ind:**	No
Contested Dt:			

Event No:	1155024	**Initial Viol No:**	
Mine Name:	Guadalupe	**Replaced by Ord No:**	
Mine Type:	Surface	**Likelihood:**	Unlikely
Controller ID:	0076453	**Inj Illness:**	Fatal
Controller Name:	Dan Evans; Wayne Evans	**No Affected:**	1
Inspection Begin Dt:	01/12/2010	**Negligence:**	ModNegligence
Inspection End Dt:	01/13/2010	**Written Notice:**	
Violation No:	6489740	**Enforcement Area:**	
Violator ID:	0091225	**Special Assess:**	No
Violator Name:	Evans Brothers Inc	**Primary or Mill:**	Primary
Violator Type CD:	Operator	**Right to Conf Dt:**	
Violation Issue Dt:	01/12/2010	**Asmt Generated Ind:**	No
Violation Issue Time:	1420	**Final Ord Issue Dt:**	04/14/2010
Violation Occur Dt:	01/12/2010	**Proposed Penalty:**	425
Violator Violation Cnt:	12	**Amount Due:**	425
Violator Insp Day Cnt:	3	**Amount Paid:**	425
Contractor ID:		**Bill Print Dt:**	03/10/2010
Cit Ord Safe:	Citation	**Last Action Cd:**	Paid
Orig Term Due Dt:	01/13/2010	**Last Action Dt:**	10/14/2010
Orig Term Due Tm:	0900	**Coal Metal Ind:**	M
Latest Term Due Dt:	01/13/2010	**Cal Yr:**	2010
Latest Term Due Tm:	0900	**Cal Qtr:**	1
Termination Dt:	01/13/2010	**Fiscal Yr:**	2010
Termination Time:	0930	**Fiscal Qtr:**	2
Termination Type:	Terminated	**Sig Sub:**	No
Vacate Dt:		**Section of Act:**	

Vacate Time:		**Part Section:**	56.9300(b)
Assess Case Stat Cd:	Closed	**Section of Act 1:**	104(a)
Docket No:		**Section of Act 2:**	
Docket Stat Cd:		**Contested Ind:**	No
Contested Dt:			

Event No:	1121020	**Initial Viol No:**	
Mine Name:	Guadalupe	**Replaced by Ord No:**	
Mine Type:	Surface	**Likelihood:**	Reasonably
Controller ID:	M11038	**Inj Illness:**	Permanent
Controller Name:	Estate of David(Sam) Johnson; Brad Johnson	**No Affected:**	1
Inspection Begin Dt:	10/06/2003	**Negligence:**	ModNegligence
Inspection End Dt:	10/08/2003	**Written Notice:**	
Violation No:	6348357	**Enforcement Area:**	
Violator ID:	L14461	**Special Assess:**	No
Violator Name:	California Rock & Asphalt Inc	**Primary or Mill:**	Primary
Violator Type CD:	Operator	**Right to Conf Dt:**	10/07/2003
Violation Issue Dt:	10/07/2003	**Asmt Generated Ind:**	No
Violation Issue Time:	1025	**Final Ord Issue Dt:**	03/05/2004
Violation Occur Dt:	10/07/2003	**Proposed Penalty:**	435
Violator Violation Cnt:	40	**Amount Due:**	435
Violator Insp Day Cnt:	21	**Amount Paid:**	435
Contractor ID:		**Bill Print Dt:**	01/06/2004
Cit Ord Safe:	Citation	**Last Action Cd:**	Paid
Orig Term Due Dt:		**Last Action Dt:**	02/09/2004
Orig Term Due Tm:		**Coal Metal Ind:**	M
Latest Term Due Dt:	10/07/2003	**Cal Yr:**	2003
Latest Term Due Tm:	1500	**Cal Qtr:**	4
Termination Dt:	10/07/2003	**Fiscal Yr:**	2004
Termination Time:	1320	**Fiscal Qtr:**	1
Termination Type:	Terminated	**Sig Sub:**	Yes
Vacate Dt:		**Section of Act:**	
Vacate Time:		**Part Section:**	56.14107(a)
Assess Case Stat Cd:	Closed	**Section of Act 1:**	104(a)
Docket No:		**Section of Act 2:**	
Docket Stat Cd:		**Contested Ind:**	No
Contested Dt:			

Event No:	1155070	**Initial Viol No:**	
Mine Name:	Guadalupe	**Replaced by Ord No:**	
Mine Type:	Surface	**Likelihood:**	Reasonably
Controller ID:	0076453	**Inj Illness:**	Fatal
Controller Name:	Dan Evans; Wayne Evans	**No Affected:**	1
Inspection Begin Dt:	08/24/2010	**Negligence:**	ModNegligence
Inspection End Dt:	08/25/2010	**Written Notice:**	
Violation No:	8561454	**Enforcement Area:**	
Violator ID:	0091225	**Special Assess:**	No
Violator Name:	Evans Brothers Inc	**Primary or Mill:**	Primary
Violator Type CD:	Operator	**Right to Conf Dt:**	
Violation Issue Dt:	08/24/2010	**Asmt Generated Ind:**	No
Violation Issue Time:	1045	**Final Ord Issue Dt:**	08/02/2011
Violation Occur Dt:	08/24/2010	**Proposed Penalty:**	285
Violator Violation Cnt:	6	**Amount Due:**	285
Violator Insp Day Cnt:	3	**Amount Paid:**	285
Contractor ID:		**Bill Print Dt:**	10/06/2010
Cit Ord Safe:	Citation	**Last Action Cd:**	Paid
Orig Term Due Dt:	08/25/2010	**Last Action Dt:**	09/26/2011
Orig Term Due Tm:	0800	**Coal Metal Ind:**	M
Latest Term Due Dt:	08/25/2010	**Cal Yr:**	2010
Latest Term Due Tm:	0800	**Cal Qtr:**	3
Termination Dt:	08/25/2010	**Fiscal Yr:**	2010
Termination Time:	0900	**Fiscal Qtr:**	4
Termination Type:	Terminated	**Sig Sub:**	Yes
Vacate Dt:		**Section of Act:**	
Vacate Time:		**Part Section:**	56.14107(a)
Assess Case Stat Cd:	Closed	**Section of Act 1:**	104(a)
Docket No:	WEST 2011-169M	**Section of Act 2:**	
Docket Stat Cd:	Accepted	**Contested Ind:**	Yes
Contested Dt:	10/27/2010		

Event No:	0647061	***Initial Viol No:***	
Mine Name:	Guadalupe	***Replaced by Ord No:***	
Mine Type:	Surface	***Likelihood:***	Unlikely
Controller ID:	M11038	***Inj Illness:***	LostDays
Controller Name:	Estate of David(Sam) Johnson; Brad Johnson	***No Affected:***	1
Inspection Begin Dt:	05/29/2002	***Negligence:***	ModNegligence
Inspection End Dt:	05/30/2002	***Written Notice:***	
Violation No:	6333663	***Enforcement Area:***	
Violator ID:	L14461	***Special Assess:***	No
Violator Name:	California Rock & Asphalt Inc	***Primary or Mill:***	Primary
Violator Type CD:	Operator	***Right to Conf Dt:***	05/29/2002
Violation Issue Dt:	05/29/2002	***Asmt Generated Ind:***	No
Violation Issue Time:	1134	***Final Ord Issue Dt:***	08/06/2002
Violation Occur Dt:	05/29/2002	***Proposed Penalty:***	55
Violator Violation Cnt:	0	***Amount Due:***	55
Violator Insp Day Cnt:	0	***Amount Paid:***	55
Contractor ID:		***Bill Print Dt:***	07/05/2002
Cit Ord Safe:	Citation	***Last Action Cd:***	Paid
Orig Term Due Dt:		***Last Action Dt:***	08/06/2002
Orig Term Due Tm:		***Coal Metal Ind:***	M
Latest Term Due Dt:	05/30/2002	***Cal Yr:***	2002
Latest Term Due Tm:	1500	***Cal Qtr:***	2
Termination Dt:	05/30/2002	***Fiscal Yr:***	2002
Termination Time:	0924	***Fiscal Qtr:***	3
Termination Type:	Terminated	***Sig Sub:***	No
Vacate Dt:		***Section of Act:***	
Vacate Time:		***Part Section:***	56.20003(a)
Assess Case Stat Cd:	Closed	***Section of Act 1:***	104(a)
Docket No:		***Section of Act 2:***	
Docket Stat Cd:		***Contested Ind:***	No
Contested Dt:			

Event No:	0739143	***Initial Viol No:***	
Mine Name:	Guadalupe	***Replaced by Ord No:***	
Mine Type:	Surface	***Likelihood:***	Reasonably
Controller ID:	M11038	***Inj Illness:***	LostDays
Controller Name:	Estate of David(Sam) Johnson; Brad Johnson	***No Affected:***	1
Inspection Begin Dt:	04/24/2001	***Negligence:***	ModNegligence
Inspection End Dt:	05/09/2001	***Written Notice:***	
Violation No:	7987572	***Enforcement Area:***	
Violator ID:	L14461	***Special Assess:***	No
Violator Name:	California Rock & Asphalt Inc	***Primary or Mill:***	Primary
Violator Type CD:	Operator	***Right to Conf Dt:***	05/02/2001
Violation Issue Dt:	05/02/2001	***Asmt Generated Ind:***	No
Violation Issue Time:	1130	***Final Ord Issue Dt:***	07/16/2001
Violation Occur Dt:	05/02/2001	***Proposed Penalty:***	173
Violator Violation Cnt:	0	***Amount Due:***	173
Violator Insp Day Cnt:	0	***Amount Paid:***	173
Contractor ID:		***Bill Print Dt:***	06/14/2001
Cit Ord Safe:	Citation	***Last Action Cd:***	Paid
Orig Term Due Dt:		***Last Action Dt:***	07/16/2001
Orig Term Due Tm:		***Coal Metal Ind:***	M
Latest Term Due Dt:	05/02/2001	***Cal Yr:***	2001
Latest Term Due Tm:	1135	***Cal Qtr:***	2
Termination Dt:	05/02/2001	***Fiscal Yr:***	2001
Termination Time:	1135	***Fiscal Qtr:***	3
Termination Type:	Terminated	***Sig Sub:***	Yes
Vacate Dt:		***Section of Act:***	
Vacate Time:		***Part Section:***	56.15004
Assess Case Stat Cd:	Closed	***Section of Act 1:***	104(a)
Docket No:		***Section of Act 2:***	
Docket Stat Cd:		***Contested Ind:***	No
Contested Dt:			

Event No:	1125578	***Initial Viol No:***	
Mine Name:	Guadalupe	***Replaced by Ord No:***	
Mine Type:	Surface	***Likelihood:***	Reasonably
Controller ID:	M11038	***Inj Illness:***	LostDays

Controller Name:	Estate of David(Sam) Johnson; Brad Johnson	**No Affected:**	2
Inspection Begin Dt:	01/25/2006	**Negligence:**	ModNegligence
Inspection End Dt:	01/26/2006	**Written Notice:**	
Violation No:	6379722	**Enforcement Area:**	
Violator ID:	L14461	**Special Assess:**	No
Violator Name:	California Rock & Asphalt Inc	**Primary or Mill:**	Primary
Violator Type CD:	Operator	**Right to Conf Dt:**	
Violation Issue Dt:	01/25/2006	**Asmt Generated Ind:**	No
Violation Issue Time:	1415	**Final Ord Issue Dt:**	04/19/2006
Violation Occur Dt:	01/25/2006	**Proposed Penalty:**	165
Violator Violation Cnt:	13	**Amount Due:**	165
Violator Insp Day Cnt:	13	**Amount Paid:**	165
Contractor ID:		**Bill Print Dt:**	03/07/2006
Cit Ord Safe:	Citation	**Last Action Cd:**	Paid
Orig Term Due Dt:	01/25/2006	**Last Action Dt:**	05/10/2006
Orig Term Due Tm:	1600	**Coal Metal Ind:**	M
Latest Term Due Dt:	01/25/2006	**Cal Yr:**	2006
Latest Term Due Tm:	1600	**Cal Qtr:**	1
Termination Dt:	01/26/2006	**Fiscal Yr:**	2006
Termination Time:	1100	**Fiscal Qtr:**	2
Termination Type:	Terminated	**Sig Sub:**	Yes
Vacate Dt:		**Section of Act:**	
Vacate Time:		**Part Section:**	56.14100(b)
Assess Case Stat Cd:	Closed	**Section of Act 1:**	104(a)
Docket No:		**Section of Act 2:**	
Docket Stat Cd:		**Contested Ind:**	No
Contested Dt:			

Event No:	1155287	**Initial Viol No:**	
Mine Name:	Guadalupe	**Replaced by Ord No:**	
Mine Type:	Surface	**Likelihood:**	Reasonably
Controller ID:	0076453	**Inj Illness:**	LostDays
Controller Name:	Dan Evans; Wayne Evans	**No Affected:**	1
Inspection Begin Dt:	05/07/2012	**Negligence:**	ModNegligence
Inspection End Dt:	05/10/2012	**Written Notice:**	
Violation No:	8612945	**Enforcement Area:**	
Violator ID:	0091225	**Special Assess:**	No
Violator Name:	Evans Brothers Inc	**Primary or Mill:**	Primary
Violator Type CD:	Operator	**Right to Conf Dt:**	
Violation Issue Dt:	05/08/2012	**Asmt Generated Ind:**	No
Violation Issue Time:	1230	**Final Ord Issue Dt:**	08/16/2012
Violation Occur Dt:	05/08/2012	**Proposed Penalty:**	100
Violator Violation Cnt:	8	**Amount Due:**	100
Violator Insp Day Cnt:	4	**Amount Paid:**	100
Contractor ID:		**Bill Print Dt:**	07/11/2012
Cit Ord Safe:	Citation	**Last Action Cd:**	Paid
Orig Term Due Dt:	05/08/2012	**Last Action Dt:**	09/05/2012
Orig Term Due Tm:	1300	**Coal Metal Ind:**	M
Latest Term Due Dt:	05/09/2012	**Cal Yr:**	2012
Latest Term Due Tm:	1200	**Cal Qtr:**	2
Termination Dt:	05/10/2012	**Fiscal Yr:**	2012
Termination Time:	1715	**Fiscal Qtr:**	3
Termination Type:	Terminated	**Sig Sub:**	Yes
Vacate Dt:		**Section of Act:**	
Vacate Time:		**Part Section:**	56.9300(b)
Assess Case Stat Cd:	Closed	**Section of Act 1:**	104(a)
Docket No:		**Section of Act 2:**	
Docket Stat Cd:		**Contested Ind:**	No
Contested Dt:			

Event No:	0614589	**Initial Viol No:**	
Mine Name:	Guadalupe	**Replaced by Ord No:**	
Mine Type:	Surface	**Likelihood:**	Unlikely
Controller ID:	M11038	**Inj Illness:**	LostDays
Controller Name:	Estate of David(Sam) Johnson; Brad Johnson	**No Affected:**	1
Inspection Begin Dt:	02/24/2000	**Negligence:**	ModNegligence
Inspection End Dt:	03/03/2000	**Written Notice:**	
Violation No:	7972861	**Enforcement Area:**	
Violator ID:	L14461	**Special Assess:**	No

Violator Name:	California Rock & Asphalt Inc	**Primary or Mill:**	Primary
Violator Type CD:	Operator	**Right to Conf Dt:**	02/24/2000
Violation Issue Dt:	02/24/2000	**Asmt Generated Ind:**	No
Violation Issue Time:	1105	**Final Ord Issue Dt:**	05/03/2000
Violation Occur Dt:	02/24/2000	**Proposed Penalty:**	55
Violator Violation Cnt:	0	**Amount Due:**	55
Violator Insp Day Cnt:	0	**Amount Paid:**	55
Contractor ID:		**Bill Print Dt:**	04/05/2000
Cit Ord Safe:	Citation	**Last Action Cd:**	Paid
Orig Term Due Dt:		**Last Action Dt:**	05/03/2000
Orig Term Due Tm:		**Coal Metal Ind:**	M
Latest Term Due Dt:	02/24/2000	**Cal Yr:**	2000
Latest Term Due Tm:	1500	**Cal Qtr:**	1
Termination Dt:	02/25/2000	**Fiscal Yr:**	2000
Termination Time:	1045	**Fiscal Qtr:**	2
Termination Type:	Terminated	**Sig Sub:**	No
Vacate Dt:		**Section of Act:**	
Vacate Time:		**Part Section:**	56.20003(a)
Assess Case Stat Cd:	Closed	**Section of Act 1:**	104(a)
Docket No:		**Section of Act 2:**	
Docket Stat Cd:		**Contested Ind:**	No
Contested Dt:			

Event No:	0614484	**Initial Viol No:**	
Mine Name:	Guadalupe	**Replaced by Ord No:**	
Mine Type:	Surface	**Likelihood:**	Unlikely
Controller ID:	M11038	**Inj Illness:**	LostDays
Controller Name:	Estate of David(Sam) Johnson; Brad Johnson	**No Affected:**	1
Inspection Begin Dt:	10/10/2000	**Negligence:**	ModNegligence
Inspection End Dt:	10/17/2000	**Written Notice:**	
Violation No:	7987481	**Enforcement Area:**	
Violator ID:	L14461	**Special Assess:**	No
Violator Name:	California Rock & Asphalt Inc	**Primary or Mill:**	Primary
Violator Type CD:	Operator	**Right to Conf Dt:**	10/11/2000
Violation Issue Dt:	10/11/2000	**Asmt Generated Ind:**	No
Violation Issue Time:	1210	**Final Ord Issue Dt:**	01/10/2001
Violation Occur Dt:	10/11/2000	**Proposed Penalty:**	55
Violator Violation Cnt:	0	**Amount Due:**	55
Violator Insp Day Cnt:	0	**Amount Paid:**	55
Contractor ID:		**Bill Print Dt:**	12/08/2000
Cit Ord Safe:	Citation	**Last Action Cd:**	Paid
Orig Term Due Dt:		**Last Action Dt:**	01/10/2001
Orig Term Due Tm:		**Coal Metal Ind:**	M
Latest Term Due Dt:	10/16/2000	**Cal Yr:**	2000
Latest Term Due Tm:	1500	**Cal Qtr:**	4
Termination Dt:	10/17/2000	**Fiscal Yr:**	2001
Termination Time:	1353	**Fiscal Qtr:**	1
Termination Type:	Terminated	**Sig Sub:**	No
Vacate Dt:		**Section of Act:**	
Vacate Time:		**Part Section:**	56.15001
Assess Case Stat Cd:	Closed	**Section of Act 1:**	104(a)
Docket No:		**Section of Act 2:**	
Docket Stat Cd:		**Contested Ind:**	No
Contested Dt:			

Event No:	0647061	**Initial Viol No:**	
Mine Name:	Guadalupe	**Replaced by Ord No:**	
Mine Type:	Surface	**Likelihood:**	Reasonably
Controller ID:	M11038	**Inj Illness:**	LostDays
Controller Name:	Estate of David(Sam) Johnson; Brad Johnson	**No Affected:**	1
Inspection Begin Dt:	05/29/2002	**Negligence:**	ModNegligence
Inspection End Dt:	05/30/2002	**Written Notice:**	
Violation No:	6333665	**Enforcement Area:**	
Violator ID:	L14461	**Special Assess:**	No
Violator Name:	California Rock & Asphalt Inc	**Primary or Mill:**	Primary
Violator Type CD:	Operator	**Right to Conf Dt:**	05/29/2002
Violation Issue Dt:	05/29/2002	**Asmt Generated Ind:**	No
Violation Issue Time:	1219	**Final Ord Issue Dt:**	08/06/2002
Violation Occur Dt:	05/29/2002	**Proposed Penalty:**	150

Violator Violation Cnt:	0	**Amount Due:**	150
Violator Insp Day Cnt:	0	**Amount Paid:**	150
Contractor ID:		**Bill Print Dt:**	07/05/2002
Cit Ord Safe:	Citation	**Last Action Cd:**	Paid
Orig Term Due Dt:		**Last Action Dt:**	08/06/2002
Orig Term Due Tm:		**Coal Metal Ind:**	M
Latest Term Due Dt:	05/29/2002	**Cal Yr:**	2002
Latest Term Due Tm:	1400	**Cal Qtr:**	2
Termination Dt:	05/30/2002	**Fiscal Yr:**	2002
Termination Time:	0917	**Fiscal Qtr:**	3
Termination Type:	Terminated	**Sig Sub:**	Yes
Vacate Dt:		**Section of Act:**	
Vacate Time:		**Part Section:**	56.20003(a)
Assess Case Stat Cd:	Closed	**Section of Act 1:**	104(a)
Docket No:		**Section of Act 2:**	
Docket Stat Cd:		**Contested Ind:**	No
Contested Dt:			

Event No:	1121398	**Initial Viol No:**	
Mine Name:	Guadalupe	**Replaced by Ord No:**	
Mine Type:	Surface	**Likelihood:**	Unlikely
Controller ID:	M11038	**Inj Illness:**	LostDays
Controller Name:	Estate of David(Sam) Johnson; Brad Johnson	**No Affected:**	1
Inspection Begin Dt:	12/01/2004	**Negligence:**	ModNegligence
Inspection End Dt:	12/03/2004	**Written Notice:**	
Violation No:	6366872	**Enforcement Area:**	
Violator ID:	L14461	**Special Assess:**	No
Violator Name:	California Rock & Asphalt Inc	**Primary or Mill:**	Primary
Violator Type CD:	Operator	**Right to Conf Dt:**	12/01/2004
Violation Issue Dt:	12/01/2004	**Asmt Generated Ind:**	No
Violation Issue Time:	1240	**Final Ord Issue Dt:**	05/19/2005
Violation Occur Dt:	12/01/2004	**Proposed Penalty:**	60
Violator Violation Cnt:	36	**Amount Due:**	60
Violator Insp Day Cnt:	18	**Amount Paid:**	60
Contractor ID:		**Bill Print Dt:**	03/08/2005
Cit Ord Safe:	Citation	**Last Action Cd:**	Paid
Orig Term Due Dt:		**Last Action Dt:**	10/12/2005
Orig Term Due Tm:		**Coal Metal Ind:**	M
Latest Term Due Dt:	12/01/2004	**Cal Yr:**	2004
Latest Term Due Tm:	1600	**Cal Qtr:**	4
Termination Dt:	12/03/2004	**Fiscal Yr:**	2005
Termination Time:	1136	**Fiscal Qtr:**	1
Termination Type:	Terminated	**Sig Sub:**	No
Vacate Dt:		**Section of Act:**	
Vacate Time:		**Part Section:**	56.20003(c)
Assess Case Stat Cd:	Closed	**Section of Act 1:**	104(a)
Docket No:		**Section of Act 2:**	
Docket Stat Cd:		**Contested Ind:**	No
Contested Dt:			

Event No:	0739143	**Initial Viol No:**	
Mine Name:	Guadalupe	**Replaced by Ord No:**	
Mine Type:	Surface	**Likelihood:**	Reasonably
Controller ID:	M11038	**Inj Illness:**	Fatal
Controller Name:	Estate of David(Sam) Johnson; Brad Johnson	**No Affected:**	1
Inspection Begin Dt:	04/24/2001	**Negligence:**	ModNegligence
Inspection End Dt:	05/09/2001	**Written Notice:**	
Violation No:	7987570	**Enforcement Area:**	
Violator ID:	L14461	**Special Assess:**	No
Violator Name:	California Rock & Asphalt Inc	**Primary or Mill:**	Mill
Violator Type CD:	Operator	**Right to Conf Dt:**	05/02/2001
Violation Issue Dt:	05/02/2001	**Asmt Generated Ind:**	No
Violation Issue Time:	0710	**Final Ord Issue Dt:**	07/16/2001
Violation Occur Dt:	05/02/2001	**Proposed Penalty:**	55
Violator Violation Cnt:	0	**Amount Due:**	55
Violator Insp Day Cnt:	0	**Amount Paid:**	55
Contractor ID:		**Bill Print Dt:**	06/14/2001
Cit Ord Safe:	Citation	**Last Action Cd:**	Paid
Orig Term Due Dt:		**Last Action Dt:**	07/16/2001

Orig Term Due Tm:		**Coal Metal Ind:**	M
Latest Term Due Dt:	05/02/2001	**Cal Yr:**	2001
Latest Term Due Tm:	0730	**Cal Qtr:**	2
Termination Dt:	05/02/2001	**Fiscal Yr:**	2001
Termination Time:	0800	**Fiscal Qtr:**	3
Termination Type:	Terminated	**Sig Sub:**	No
Vacate Dt:		**Section of Act:**	
Vacate Time:		**Part Section:**	56.12030
Assess Case Stat Cd:	Closed	**Section of Act 1:**	104(a)
Docket No:		**Section of Act 2:**	
Docket Stat Cd:		**Contested Ind:**	No
Contested Dt:			

Event No:	0647047	**Initial Viol No:**	
Mine Name:	Guadalupe	**Replaced by Ord No:**	
Mine Type:	Surface	**Likelihood:**	Reasonably
Controller ID:	M11038	**Inj Illness:**	Fatal
Controller Name:	Estate of David(Sam) Johnson; Brad Johnson	**No Affected:**	1
Inspection Begin Dt:	03/11/2003	**Negligence:**	ModNegligence
Inspection End Dt:	03/14/2003	**Written Notice:**	
Violation No:	6337996	**Enforcement Area:**	
Violator ID:	L14461	**Special Assess:**	No
Violator Name:	California Rock & Asphalt Inc	**Primary or Mill:**	Primary
Violator Type CD:	Operator	**Right to Conf Dt:**	03/12/2003
Violation Issue Dt:	03/12/2003	**Asmt Generated Ind:**	No
Violation Issue Time:	0945	**Final Ord Issue Dt:**	12/19/2003
Violation Occur Dt:	03/12/2003	**Proposed Penalty:**	294
Violator Violation Cnt:	34	**Amount Due:**	294
Violator Insp Day Cnt:	24	**Amount Paid:**	294
Contractor ID:		**Bill Print Dt:**	11/04/2003
Cit Ord Safe:	Citation	**Last Action Cd:**	Paid
Orig Term Due Dt:		**Last Action Dt:**	11/28/2003
Orig Term Due Tm:		**Coal Metal Ind:**	M
Latest Term Due Dt:	03/13/2003	**Cal Yr:**	2003
Latest Term Due Tm:	1200	**Cal Qtr:**	1
Termination Dt:	10/07/2003	**Fiscal Yr:**	2003
Termination Time:	0935	**Fiscal Qtr:**	2
Termination Type:	Terminated	**Sig Sub:**	Yes
Vacate Dt:		**Section of Act:**	
Vacate Time:		**Part Section:**	56.20003(a)
Assess Case Stat Cd:	Closed	**Section of Act 1:**	104(a)
Docket No:		**Section of Act 2:**	
Docket Stat Cd:		**Contested Ind:**	No
Contested Dt:			

Event No:	6663641	**Initial Viol No:**	
Mine Name:	Guadalupe	**Replaced by Ord No:**	
Mine Type:	Surface	**Likelihood:**	Unlikely
Controller ID:	0118621	**Inj Illness:**	Permanent
Controller Name:	Dan Evans	**No Affected:**	1
Inspection Begin Dt:	06/30/2015	**Negligence:**	ModNegligence
Inspection End Dt:	07/01/2015	**Written Notice:**	
Violation No:	8793303	**Enforcement Area:**	
Violator ID:	0091225	**Special Assess:**	No
Violator Name:	Evans Brothers Inc	**Primary or Mill:**	Primary
Violator Type CD:	Operator	**Right to Conf Dt:**	
Violation Issue Dt:	06/30/2015	**Asmt Generated Ind:**	No
Violation Issue Time:	1000	**Final Ord Issue Dt:**	10/18/2015
Violation Occur Dt:	06/30/2015	**Proposed Penalty:**	100
Violator Violation Cnt:	2	**Amount Due:**	100
Violator Insp Day Cnt:	4	**Amount Paid:**	100
Contractor ID:		**Bill Print Dt:**	08/05/2015
Cit Ord Safe:	Citation	**Last Action Cd:**	Paid
Orig Term Due Dt:	07/01/2015	**Last Action Dt:**	09/29/2015
Orig Term Due Tm:	0600	**Coal Metal Ind:**	M
Latest Term Due Dt:	07/01/2015	**Cal Yr:**	2015
Latest Term Due Tm:	0600	**Cal Qtr:**	2
Termination Dt:	07/01/2015	**Fiscal Yr:**	2015
Termination Time:	0855	**Fiscal Qtr:**	3

Termination Type:	Terminated	**Sig Sub:**	No
Vacate Dt:		**Section of Act:**	
Vacate Time:		**Part Section:**	56.14107(a)
Assess Case Stat Cd:	Closed	**Section of Act 1:**	104(a)
Docket No:		**Section of Act 2:**	
Docket Stat Cd:		**Contested Ind:**	No
Contested Dt:			

Event No:	1125151	**Initial Viol No:**	
Mine Name:	Guadalupe	**Replaced by Ord No:**	
Mine Type:	Surface	**Likelihood:**	Unlikely
Controller ID:	M11038	**Inj Illness:**	Permanent
Controller Name:	Estate of David(Sam) Johnson; Brad Johnson	**No Affected:**	1
Inspection Begin Dt:	07/06/2005	**Negligence:**	ModNegligence
Inspection End Dt:	07/08/2005	**Written Notice:**	
Violation No:	6366957	**Enforcement Area:**	
Violator ID:	L14461	**Special Assess:**	No
Violator Name:	California Rock & Asphalt Inc	**Primary or Mill:**	Primary
Violator Type CD:	Operator	**Right to Conf Dt:**	
Violation Issue Dt:	07/06/2005	**Asmt Generated Ind:**	No
Violation Issue Time:	1005	**Final Ord Issue Dt:**	03/10/2006
Violation Occur Dt:	07/06/2005	**Proposed Penalty:**	60
Violator Violation Cnt:	24	**Amount Due:**	60
Violator Insp Day Cnt:	18	**Amount Paid:**	60
Contractor ID:		**Bill Print Dt:**	09/06/2005
Cit Ord Safe:	Citation	**Last Action Cd:**	Paid
Orig Term Due Dt:	07/06/2005	**Last Action Dt:**	10/12/2005
Orig Term Due Tm:	1005	**Coal Metal Ind:**	M
Latest Term Due Dt:	07/06/2005	**Cal Yr:**	2005
Latest Term Due Tm:	1005	**Cal Qtr:**	3
Termination Dt:	07/06/2005	**Fiscal Yr:**	2005
Termination Time:	1010	**Fiscal Qtr:**	4
Termination Type:	Terminated	**Sig Sub:**	No
Vacate Dt:		**Section of Act:**	
Vacate Time:		**Part Section:**	56.4601
Assess Case Stat Cd:	Closed	**Section of Act 1:**	104(a)
Docket No:		**Section of Act 2:**	
Docket Stat Cd:		**Contested Ind:**	No
Contested Dt:			

Event No:	1155070	**Initial Viol No:**	
Mine Name:	Guadalupe	**Replaced by Ord No:**	
Mine Type:	Surface	**Likelihood:**	Unlikely
Controller ID:	0076453	**Inj Illness:**	LostDays
Controller Name:	Dan Evans; Wayne Evans	**No Affected:**	1
Inspection Begin Dt:	08/24/2010	**Negligence:**	ModNegligence
Inspection End Dt:	08/25/2010	**Written Notice:**	
Violation No:	8561451	**Enforcement Area:**	
Violator ID:	0091225	**Special Assess:**	Yes
Violator Name:	Evans Brothers Inc	**Primary or Mill:**	Primary
Violator Type CD:	Operator	**Right to Conf Dt:**	
Violation Issue Dt:	08/24/2010	**Asmt Generated Ind:**	No
Violation Issue Time:	0940	**Final Ord Issue Dt:**	12/17/2010
Violation Occur Dt:	08/24/2010	**Proposed Penalty:**	100
Violator Violation Cnt:	6	**Amount Due:**	100
Violator Insp Day Cnt:	3	**Amount Paid:**	100
Contractor ID:		**Bill Print Dt:**	11/10/2010
Cit Ord Safe:	Citation	**Last Action Cd:**	Paid
Orig Term Due Dt:	08/24/2010	**Last Action Dt:**	12/10/2010
Orig Term Due Tm:	1600	**Coal Metal Ind:**	M
Latest Term Due Dt:	08/24/2010	**Cal Yr:**	2010
Latest Term Due Tm:	1600	**Cal Qtr:**	3
Termination Dt:	08/24/2010	**Fiscal Yr:**	2010
Termination Time:	1010	**Fiscal Qtr:**	4
Termination Type:	Terminated	**Sig Sub:**	No
Vacate Dt:		**Section of Act:**	
Vacate Time:		**Part Section:**	56.14100(b)
Assess Case Stat Cd:	Closed	**Section of Act 1:**	104(a)
Docket No:		**Section of Act 2:**	

Docket Stat Cd:		**Contested Ind:**	No
Contested Dt:			

Event No:	1132630	**Initial Viol No:**	
Mine Name:	Guadalupe	**Replaced by Ord No:**	
Mine Type:	Surface	**Likelihood:**	Unlikely
Controller ID:	M11038	**Inj Illness:**	LostDays
Controller Name:	Estate of David(Sam) Johnson; Brad Johnson	**No Affected:**	2
Inspection Begin Dt:	05/17/2006	**Negligence:**	ModNegligence
Inspection End Dt:	05/18/2006	**Written Notice:**	
Violation No:	6393061	**Enforcement Area:**	
Violator ID:	L14461	**Special Assess:**	No
Violator Name:	California Rock & Asphalt Inc	**Primary or Mill:**	Primary
Violator Type CD:	Operator	**Right to Conf Dt:**	
Violation Issue Dt:	05/17/2006	**Asmt Generated Ind:**	No
Violation Issue Time:	1215	**Final Ord Issue Dt:**	08/19/2006
Violation Occur Dt:	05/17/2006	**Proposed Penalty:**	60
Violator Violation Cnt:	11	**Amount Due:**	60
Violator Insp Day Cnt:	10	**Amount Paid:**	60
Contractor ID:		**Bill Print Dt:**	07/05/2006
Cit Ord Safe:	Citation	**Last Action Cd:**	Paid
Orig Term Due Dt:	05/18/2006	**Last Action Dt:**	08/09/2006
Orig Term Due Tm:	1215	**Coal Metal Ind:**	M
Latest Term Due Dt:	05/18/2006	**Cal Yr:**	2006
Latest Term Due Tm:	1215	**Cal Qtr:**	2
Termination Dt:	05/18/2006	**Fiscal Yr:**	2006
Termination Time:	1255	**Fiscal Qtr:**	3
Termination Type:	Terminated	**Sig Sub:**	No
Vacate Dt:		**Section of Act:**	
Vacate Time:		**Part Section:**	56.14101(a)(2)
Assess Case Stat Cd:	Closed	**Section of Act 1:**	104(a)
Docket No:		**Section of Act 2:**	
Docket Stat Cd:		**Contested Ind:**	No
Contested Dt:			

Event No:	1139725	**Initial Viol No:**	
Mine Name:	Guadalupe	**Replaced by Ord No:**	
Mine Type:	Surface	**Likelihood:**	Unlikely
Controller ID:	0076453	**Inj Illness:**	Fatal
Controller Name:	Dan Evans; Wayne Evans	**No Affected:**	1
Inspection Begin Dt:	02/27/2008	**Negligence:**	ModNegligence
Inspection End Dt:	03/03/2008	**Written Notice:**	
Violation No:	6442572	**Enforcement Area:**	
Violator ID:	0091225	**Special Assess:**	No
Violator Name:	Evans Brothers Inc	**Primary or Mill:**	Primary
Violator Type CD:	Operator	**Right to Conf Dt:**	
Violation Issue Dt:	02/27/2008	**Asmt Generated Ind:**	No
Violation Issue Time:	1250	**Final Ord Issue Dt:**	09/12/2008
Violation Occur Dt:	02/27/2008	**Proposed Penalty:**	100
Violator Violation Cnt:	0	**Amount Due:**	100
Violator Insp Day Cnt:	3	**Amount Paid:**	100
Contractor ID:		**Bill Print Dt:**	08/06/2008
Cit Ord Safe:	Citation	**Last Action Cd:**	Paid
Orig Term Due Dt:	02/29/2008	**Last Action Dt:**	12/01/2008
Orig Term Due Tm:	1700	**Coal Metal Ind:**	M
Latest Term Due Dt:	02/29/2008	**Cal Yr:**	2008
Latest Term Due Tm:	1700	**Cal Qtr:**	1
Termination Dt:	03/03/2008	**Fiscal Yr:**	2008
Termination Time:	1455	**Fiscal Qtr:**	2
Termination Type:	Terminated	**Sig Sub:**	No
Vacate Dt:		**Section of Act:**	
Vacate Time:		**Part Section:**	56.12013
Assess Case Stat Cd:	Closed	**Section of Act 1:**	104(a)
Docket No:		**Section of Act 2:**	
Docket Stat Cd:		**Contested Ind:**	No
Contested Dt:			

Event No:	1139855	**Initial Viol No:**	
Mine Name:	Guadalupe	**Replaced by Ord No:**	

Mine Type:	Surface	**Likelihood:**	Unlikely
Controller ID:	0076453	**Inj Illness:**	LostDays
Controller Name:	Dan Evans; Wayne Evans	**No Affected:**	1
Inspection Begin Dt:	10/07/2008	**Negligence:**	ModNegligence
Inspection End Dt:	10/09/2008	**Written Notice:**	
Violation No:	6442783	**Enforcement Area:**	
Violator ID:	0091225	**Special Assess:**	No
Violator Name:	Evans Brothers Inc	**Primary or Mill:**	Primary
Violator Type CD:	Operator	**Right to Conf Dt:**	
Violation Issue Dt:	10/08/2008	**Asmt Generated Ind:**	No
Violation Issue Time:	0845	**Final Ord Issue Dt:**	01/14/2009
Violation Occur Dt:	10/08/2008	**Proposed Penalty:**	100
Violator Violation Cnt:	17	**Amount Due:**	100
Violator Insp Day Cnt:	9	**Amount Paid:**	100
Contractor ID:		**Bill Print Dt:**	12/10/2008
Cit Ord Safe:	Citation	**Last Action Cd:**	Paid
Orig Term Due Dt:	10/08/2008	**Last Action Dt:**	02/04/2009
Orig Term Due Tm:	1200	**Coal Metal Ind:**	M
Latest Term Due Dt:	10/08/2008	**Cal Yr:**	2008
Latest Term Due Tm:	1200	**Cal Qtr:**	4
Termination Dt:	10/08/2008	**Fiscal Yr:**	2009
Termination Time:	0905	**Fiscal Qtr:**	1
Termination Type:	Terminated	**Sig Sub:**	No
Vacate Dt:		**Section of Act:**	
Vacate Time:		**Part Section:**	56.9300(b)
Assess Case Stat Cd:	Closed	**Section of Act 1:**	104(a)
Docket No:		**Section of Act 2:**	
Docket Stat Cd:		**Contested Ind:**	No
Contested Dt:			

Event No:	1139725	**Initial Viol No:**	
Mine Name:	Guadalupe	**Replaced by Ord No:**	
Mine Type:	Surface	**Likelihood:**	Unlikely
Controller ID:	0076453	**Inj Illness:**	LostDays
Controller Name:	Dan Evans; Wayne Evans	**No Affected:**	1
Inspection Begin Dt:	02/27/2008	**Negligence:**	ModNegligence
Inspection End Dt:	03/03/2008	**Written Notice:**	
Violation No:	6442568	**Enforcement Area:**	
Violator ID:	0091225	**Special Assess:**	No
Violator Name:	Evans Brothers Inc	**Primary or Mill:**	Primary
Violator Type CD:	Operator	**Right to Conf Dt:**	
Violation Issue Dt:	02/28/2008	**Asmt Generated Ind:**	No
Violation Issue Time:	1145	**Final Ord Issue Dt:**	09/12/2008
Violation Occur Dt:	02/28/2008	**Proposed Penalty:**	100
Violator Violation Cnt:	0	**Amount Due:**	100
Violator Insp Day Cnt:	4	**Amount Paid:**	100
Contractor ID:		**Bill Print Dt:**	08/06/2008
Cit Ord Safe:	Citation	**Last Action Cd:**	Paid
Orig Term Due Dt:	02/29/2008	**Last Action Dt:**	12/01/2008
Orig Term Due Tm:	1700	**Coal Metal Ind:**	M
Latest Term Due Dt:	02/29/2008	**Cal Yr:**	2008
Latest Term Due Tm:	1700	**Cal Qtr:**	1
Termination Dt:	03/03/2008	**Fiscal Yr:**	2008
Termination Time:	1500	**Fiscal Qtr:**	2
Termination Type:	Terminated	**Sig Sub:**	No
Vacate Dt:		**Section of Act:**	
Vacate Time:		**Part Section:**	56.14107(a)
Assess Case Stat Cd:	Closed	**Section of Act 1:**	104(a)
Docket No:		**Section of Act 2:**	
Docket Stat Cd:		**Contested Ind:**	No
Contested Dt:			

Event No:	1162004	**Initial Viol No:**	
Mine Name:	Guadalupe	**Replaced by Ord No:**	
Mine Type:	Surface	**Likelihood:**	Unlikely
Controller ID:	0076453	**Inj Illness:**	Fatal
Controller Name:	Dan Evans; Wayne Evans	**No Affected:**	1
Inspection Begin Dt:	11/02/2010	**Negligence:**	ModNegligence
Inspection End Dt:	11/03/2010	**Written Notice:**	

Violation No:	6386034	**Enforcement Area:**	
Violator ID:	0091225	**Special Assess:**	No
Violator Name:	Evans Brothers Inc	**Primary or Mill:**	Primary
Violator Type CD:	Operator	**Right to Conf Dt:**	
Violation Issue Dt:	11/02/2010	**Asmt Generated Ind:**	No
Violation Issue Time:	1050	**Final Ord Issue Dt:**	01/27/2011
Violation Occur Dt:	11/02/2010	**Proposed Penalty:**	100
Violator Violation Cnt:	3	**Amount Due:**	100
Violator Insp Day Cnt:	6	**Amount Paid:**	100
Contractor ID:		**Bill Print Dt:**	12/08/2010
Cit Ord Safe:	Citation	**Last Action Cd:**	Paid
Orig Term Due Dt:	11/02/2010	**Last Action Dt:**	01/05/2011
Orig Term Due Tm:	1200	**Coal Metal Ind:**	M
Latest Term Due Dt:	11/02/2010	**Cal Yr:**	2010
Latest Term Due Tm:	1200	**Cal Qtr:**	4
Termination Dt:	11/02/2010	**Fiscal Yr:**	2011
Termination Time:	1515	**Fiscal Qtr:**	1
Termination Type:	Terminated	**Sig Sub:**	No
Vacate Dt:		**Section of Act:**	
Vacate Time:		**Part Section:**	56.14107(a)
Assess Case Stat Cd:	Closed	**Section of Act 1:**	104(a)
Docket No:		**Section of Act 2:**	
Docket Stat Cd:		**Contested Ind:**	No
Contested Dt:			

Event No:	1155024	**Initial Viol No:**	
Mine Name:	Guadalupe	**Replaced by Ord No:**	
Mine Type:	Surface	**Likelihood:**	Reasonably
Controller ID:	0076453	**Inj Illness:**	Fatal
Controller Name:	Dan Evans; Wayne Evans	**No Affected:**	1
Inspection Begin Dt:	01/12/2010	**Negligence:**	ModNegligence
Inspection End Dt:	01/13/2010	**Written Notice:**	
Violation No:	6489739	**Enforcement Area:**	
Violator ID:	0091225	**Special Assess:**	No
Violator Name:	Evans Brothers Inc	**Primary or Mill:**	Primary
Violator Type CD:	Operator	**Right to Conf Dt:**	
Violation Issue Dt:	01/12/2010	**Asmt Generated Ind:**	No
Violation Issue Time:	1310	**Final Ord Issue Dt:**	02/26/2011
Violation Occur Dt:	01/12/2010	**Proposed Penalty:**	2106
Violator Violation Cnt:	12	**Amount Due:**	2106
Violator Insp Day Cnt:	3	**Amount Paid:**	2106
Contractor ID:		**Bill Print Dt:**	03/10/2010
Cit Ord Safe:	Citation	**Last Action Cd:**	Paid
Orig Term Due Dt:	01/12/2010	**Last Action Dt:**	06/23/2011
Orig Term Due Tm:	1315	**Coal Metal Ind:**	M
Latest Term Due Dt:	01/12/2010	**Cal Yr:**	2010
Latest Term Due Tm:	1315	**Cal Qtr:**	1
Termination Dt:	01/12/2010	**Fiscal Yr:**	2010
Termination Time:	1312	**Fiscal Qtr:**	2
Termination Type:	Terminated	**Sig Sub:**	Yes
Vacate Dt:		**Section of Act:**	
Vacate Time:		**Part Section:**	56.15005
Assess Case Stat Cd:	Closed	**Section of Act 1:**	104(a)
Docket No:	WEST 2010-899M	**Section of Act 2:**	
Docket Stat Cd:	Accepted	**Contested Ind:**	Yes
Contested Dt:	03/25/2010		

Event No:	1139725	**Initial Viol No:**	
Mine Name:	Guadalupe	**Replaced by Ord No:**	
Mine Type:	Surface	**Likelihood:**	Unlikely
Controller ID:	0076453	**Inj Illness:**	Permanent
Controller Name:	Dan Evans; Wayne Evans	**No Affected:**	1
Inspection Begin Dt:	02/27/2008	**Negligence:**	ModNegligence
Inspection End Dt:	03/03/2008	**Written Notice:**	
Violation No:	6442564	**Enforcement Area:**	
Violator ID:	0091225	**Special Assess:**	No
Violator Name:	Evans Brothers Inc	**Primary or Mill:**	Primary
Violator Type CD:	Operator	**Right to Conf Dt:**	
Violation Issue Dt:	02/28/2008	**Asmt Generated Ind:**	No

Violation Issue Time:	0930	**Final Ord Issue Dt:**	09/12/2008
Violation Occur Dt:	02/28/2008	**Proposed Penalty:**	100
Violator Violation Cnt:	0	**Amount Due:**	100
Violator Insp Day Cnt:	4	**Amount Paid:**	100
Contractor ID:		**Bill Print Dt:**	08/06/2008
Cit Ord Safe:	Citation	**Last Action Cd:**	Paid
Orig Term Due Dt:	02/29/2008	**Last Action Dt:**	12/01/2008
Orig Term Due Tm:	1700	**Coal Metal Ind:**	M
Latest Term Due Dt:	02/29/2008	**Cal Yr:**	2008
Latest Term Due Tm:	1700	**Cal Qtr:**	1
Termination Dt:	03/03/2008	**Fiscal Yr:**	2008
Termination Time:	1450	**Fiscal Qtr:**	2
Termination Type:	Terminated	**Sig Sub:**	No
Vacate Dt:		**Section of Act:**	
Vacate Time:		**Part Section:**	56.14107(a)
Assess Case Stat Cd:	Closed	**Section of Act 1:**	104(a)
Docket No:		**Section of Act 2:**	
Docket Stat Cd:		**Contested Ind:**	No
Contested Dt:			

Event No:	1121020	**Initial Viol No:**	
Mine Name:	Guadalupe	**Replaced by Ord No:**	
Mine Type:	Surface	**Likelihood:**	NoLikelihood
Controller ID:	M11038	**Inj Illness:**	NoLostDays
Controller Name:	Estate of David(Sam) Johnson; Brad Johnson	**No Affected:**	1
Inspection Begin Dt:	10/06/2003	**Negligence:**	ModNegligence
Inspection End Dt:	10/08/2003	**Written Notice:**	
Violation No:	6348348	**Enforcement Area:**	
Violator ID:	L14461	**Special Assess:**	No
Violator Name:	California Rock & Asphalt Inc	**Primary or Mill:**	Primary
Violator Type CD:	Operator	**Right to Conf Dt:**	10/06/2003
Violation Issue Dt:	10/06/2003	**Asmt Generated Ind:**	No
Violation Issue Time:	1345	**Final Ord Issue Dt:**	12/19/2003
Violation Occur Dt:	10/06/2003	**Proposed Penalty:**	60
Violator Violation Cnt:	37	**Amount Due:**	60
Violator Insp Day Cnt:	21	**Amount Paid:**	60
Contractor ID:		**Bill Print Dt:**	11/04/2003
Cit Ord Safe:	Citation	**Last Action Cd:**	Paid
Orig Term Due Dt:		**Last Action Dt:**	11/28/2003
Orig Term Due Tm:		**Coal Metal Ind:**	M
Latest Term Due Dt:	10/07/2003	**Cal Yr:**	2003
Latest Term Due Tm:	0800	**Cal Qtr:**	4
Termination Dt:	10/07/2003	**Fiscal Yr:**	2004
Termination Time:	0630	**Fiscal Qtr:**	1
Termination Type:	Terminated	**Sig Sub:**	No
Vacate Dt:		**Section of Act:**	
Vacate Time:		**Part Section:**	46.9(b)
Assess Case Stat Cd:	Closed	**Section of Act 1:**	104(a)
Docket No:		**Section of Act 2:**	
Docket Stat Cd:		**Contested Ind:**	No
Contested Dt:			

Event No:	1155287	**Initial Viol No:**	
Mine Name:	Guadalupe	**Replaced by Ord No:**	
Mine Type:	Surface	**Likelihood:**	Unlikely
Controller ID:	0076453	**Inj Illness:**	Permanent
Controller Name:	Dan Evans; Wayne Evans	**No Affected:**	1
Inspection Begin Dt:	05/07/2012	**Negligence:**	ModNegligence
Inspection End Dt:	05/10/2012	**Written Notice:**	
Violation No:	8612946	**Enforcement Area:**	
Violator ID:	0091225	**Special Assess:**	No
Violator Name:	Evans Brothers Inc	**Primary or Mill:**	Primary
Violator Type CD:	Operator	**Right to Conf Dt:**	
Violation Issue Dt:	05/08/2012	**Asmt Generated Ind:**	No
Violation Issue Time:	1350	**Final Ord Issue Dt:**	08/16/2012
Violation Occur Dt:	05/08/2012	**Proposed Penalty:**	100
Violator Violation Cnt:	8	**Amount Due:**	100
Violator Insp Day Cnt:	4	**Amount Paid:**	100
Contractor ID:		**Bill Print Dt:**	07/11/2012

Cit Ord Safe:	Citation	**Last Action Cd:**	Paid
Orig Term Due Dt:	05/08/2012	**Last Action Dt:**	09/05/2012
Orig Term Due Tm:	1410	**Coal Metal Ind:**	M
Latest Term Due Dt:	05/09/2012	**Cal Yr:**	2012
Latest Term Due Tm:	1200	**Cal Qtr:**	2
Termination Dt:	05/10/2012	**Fiscal Yr:**	2012
Termination Time:	1719	**Fiscal Qtr:**	3
Termination Type:	Terminated	**Sig Sub:**	No
Vacate Dt:		**Section of Act:**	
Vacate Time:		**Part Section:**	56.14112(b)
Assess Case Stat Cd:	Closed	**Section of Act 1:**	104(a)
Docket No:		**Section of Act 2:**	
Docket Stat Cd:		**Contested Ind:**	No
Contested Dt:			

Event No:	1125152	**Initial Viol No:**	
Mine Name:	Guadalupe	**Replaced by Ord No:**	
Mine Type:	Surface	**Likelihood:**	NoLikelihood
Controller ID:	M11038	**Inj Illness:**	NoLostDays
Controller Name:	Estate of David(Sam) Johnson; Brad Johnson	**No Affected:**	0
Inspection Begin Dt:	07/07/2005	**Negligence:**	LowNegligence
Inspection End Dt:	07/08/2005	**Written Notice:**	
Violation No:	6366961	**Enforcement Area:**	
Violator ID:	L14461	**Special Assess:**	No
Violator Name:	California Rock & Asphalt Inc	**Primary or Mill:**	Primary
Violator Type CD:	Operator	**Right to Conf Dt:**	
Violation Issue Dt:	07/07/2005	**Asmt Generated Ind:**	No
Violation Issue Time:	1230	**Final Ord Issue Dt:**	03/10/2006
Violation Occur Dt:	07/07/2005	**Proposed Penalty:**	60
Violator Violation Cnt:	24	**Amount Due:**	60
Violator Insp Day Cnt:	18	**Amount Paid:**	60
Contractor ID:		**Bill Print Dt:**	09/06/2005
Cit Ord Safe:	Citation	**Last Action Cd:**	Paid
Orig Term Due Dt:	07/15/2005	**Last Action Dt:**	10/12/2005
Orig Term Due Tm:	1600	**Coal Metal Ind:**	M
Latest Term Due Dt:	07/15/2005	**Cal Yr:**	2005
Latest Term Due Tm:	1600	**Cal Qtr:**	3
Termination Dt:	07/18/2005	**Fiscal Yr:**	2005
Termination Time:	0756	**Fiscal Qtr:**	4
Termination Type:	Terminated	**Sig Sub:**	No
Vacate Dt:		**Section of Act:**	
Vacate Time:		**Part Section:**	50.30-1(g)(1)(ii)
Assess Case Stat Cd:	Closed	**Section of Act 1:**	104(a)
Docket No:		**Section of Act 2:**	
Docket Stat Cd:		**Contested Ind:**	No
Contested Dt:			

Event No:	1121020	**Initial Viol No:**	
Mine Name:	Guadalupe	**Replaced by Ord No:**	6348376
Mine Type:	Surface	**Likelihood:**	Unlikely
Controller ID:		**Inj Illness:**	Permanent
Controller Name:		**No Affected:**	1
Inspection Begin Dt:	10/06/2003	**Negligence:**	ModNegligence
Inspection End Dt:	10/08/2003	**Written Notice:**	
Violation No:	6348351	**Enforcement Area:**	
Violator ID:	DPB	**Special Assess:**	No
Violator Name:	Alpha Explosives	**Primary or Mill:**	Primary
Violator Type CD:	Contractor	**Right to Conf Dt:**	10/07/2003
Violation Issue Dt:	10/07/2003	**Asmt Generated Ind:**	No
Violation Issue Time:	0655	**Final Ord Issue Dt:**	10/03/2004
Violation Occur Dt:	10/07/2003	**Proposed Penalty:**	237
Violator Violation Cnt:	2	**Amount Due:**	237
Violator Insp Day Cnt:	0	**Amount Paid:**	237
Contractor ID:	DPB	**Bill Print Dt:**	01/21/2004
Cit Ord Safe:	Citation	**Last Action Cd:**	Paid
Orig Term Due Dt:		**Last Action Dt:**	10/25/2004
Orig Term Due Tm:		**Coal Metal Ind:**	M
Latest Term Due Dt:	11/01/2003	**Cal Yr:**	2003
Latest Term Due Tm:	0800	**Cal Qtr:**	4

Termination Dt:		**Fiscal Yr:**	2004
Termination Time:		**Fiscal Qtr:**	1
Termination Type:	ReplacedByOrder	**Sig Sub:**	No
Vacate Dt:		**Section of Act:**	
Vacate Time:		**Part Section:**	56.6132(a)(7)
Assess Case Stat Cd:	Closed	**Section of Act 1:**	104(a)
Docket No:	WEST2004-218M	**Section of Act 2:**	
Docket Stat Cd:	Accepted	**Contested Ind:**	Yes
Contested Dt:	03/16/2004		

Event No:	1155278	**Initial Viol No:**	
Mine Name:	Guadalupe	**Replaced by Ord No:**	
Mine Type:	Surface	**Likelihood:**	Reasonably
Controller ID:	0076453	**Inj Illness:**	Permanent
Controller Name:	Dan Evans; Wayne Evans	**No Affected:**	1
Inspection Begin Dt:	11/15/2011	**Negligence:**	ModNegligence
Inspection End Dt:	11/17/2011	**Written Notice:**	
Violation No:	8612902	**Enforcement Area:**	
Violator ID:	0091225	**Special Assess:**	No
Violator Name:	Evans Brothers Inc	**Primary or Mill:**	Primary
Violator Type CD:	Operator	**Right to Conf Dt:**	
Violation Issue Dt:	12/05/2011	**Asmt Generated Ind:**	No
Violation Issue Time:	1100	**Final Ord Issue Dt:**	10/23/2013
Violation Occur Dt:	11/15/2011	**Proposed Penalty:**	946
Violator Violation Cnt:	17	**Amount Due:**	946
Violator Insp Day Cnt:	7	**Amount Paid:**	946
Contractor ID:		**Bill Print Dt:**	01/11/2012
Cit Ord Safe:	Citation	**Last Action Cd:**	Paid
Orig Term Due Dt:	12/08/2011	**Last Action Dt:**	07/23/2014
Orig Term Due Tm:	0700	**Coal Metal Ind:**	M
Latest Term Due Dt:	05/18/2012	**Cal Yr:**	2011
Latest Term Due Tm:	0800	**Cal Qtr:**	4
Termination Dt:	05/21/2012	**Fiscal Yr:**	2012
Termination Time:	1015	**Fiscal Qtr:**	1
Termination Type:	Terminated	**Sig Sub:**	Yes
Vacate Dt:		**Section of Act:**	
Vacate Time:		**Part Section:**	56.5001(a)/.5005
Assess Case Stat Cd:	Closed	**Section of Act 1:**	104(a)
Docket No:		**Section of Act 2:**	
Docket Stat Cd:		**Contested Ind:**	No
Contested Dt:			

Event No:	6592389	**Initial Viol No:**	
Mine Name:	Guadalupe	**Replaced by Ord No:**	
Mine Type:	Surface	**Likelihood:**	Unlikely
Controller ID:	0076453	**Inj Illness:**	Fatal
Controller Name:	Dan Evans; Wayne Evans	**No Affected:**	1
Inspection Begin Dt:	05/22/2013	**Negligence:**	LowNegligence
Inspection End Dt:	05/23/2013	**Written Notice:**	
Violation No:	8698934	**Enforcement Area:**	
Violator ID:	0091225	**Special Assess:**	Yes
Violator Name:	Evans Brothers Inc	**Primary or Mill:**	Primary
Violator Type CD:	Operator	**Right to Conf Dt:**	
Violation Issue Dt:	05/22/2013	**Asmt Generated Ind:**	No
Violation Issue Time:	1115	**Final Ord Issue Dt:**	08/16/2013
Violation Occur Dt:	05/22/2013	**Proposed Penalty:**	100
Violator Violation Cnt:	6	**Amount Due:**	100
Violator Insp Day Cnt:	7	**Amount Paid:**	100
Contractor ID:		**Bill Print Dt:**	07/10/2013
Cit Ord Safe:	Citation	**Last Action Cd:**	Paid
Orig Term Due Dt:	05/23/2013	**Last Action Dt:**	11/20/2013
Orig Term Due Tm:	0700	**Coal Metal Ind:**	M
Latest Term Due Dt:	05/23/2013	**Cal Yr:**	2013
Latest Term Due Tm:	0700	**Cal Qtr:**	2
Termination Dt:	05/23/2013	**Fiscal Yr:**	2013
Termination Time:	0700	**Fiscal Qtr:**	3
Termination Type:	Terminated	**Sig Sub:**	No
Vacate Dt:		**Section of Act:**	
Vacate Time:		**Part Section:**	56.14101(a)(2)

Assess Case Stat Cd:	Closed	**Section of Act 1:**	104(a)
Docket No:		**Section of Act 2:**	
Docket Stat Cd:		**Contested Ind:**	No
Contested Dt:			

Event No:	1155278	**Initial Viol No:**	
Mine Name:	Guadalupe	**Replaced by Ord No:**	
Mine Type:	Surface	**Likelihood:**	
Controller ID:	0076453	**Inj Illness:**	
Controller Name:	Dan Evans; Wayne Evans	**No Affected:**	0
Inspection Begin Dt:	11/15/2011	**Negligence:**	
Inspection End Dt:	11/17/2011	**Written Notice:**	
Violation No:	8611182	**Enforcement Area:**	
Violator ID:	0091225	**Special Assess:**	No
Violator Name:	Evans Brothers Inc	**Primary or Mill:**	Primary
Violator Type CD:	Operator	**Right to Conf Dt:**	
Violation Issue Dt:	11/15/2011	**Asmt Generated Ind:**	No
Violation Issue Time:	0843	**Final Ord Issue Dt:**	
Violation Occur Dt:	11/15/2011	**Proposed Penalty:**	
Violator Violation Cnt:		**Amount Due:**	
Violator Insp Day Cnt:		**Amount Paid:**	
Contractor ID:		**Bill Print Dt:**	
Cit Ord Safe:	Order	**Last Action Cd:**	
Orig Term Due Dt:		**Last Action Dt:**	
Orig Term Due Tm:		**Coal Metal Ind:**	M
Latest Term Due Dt:		**Cal Yr:**	2011
Latest Term Due Tm:		**Cal Qtr:**	4
Termination Dt:	11/15/2011	**Fiscal Yr:**	2012
Termination Time:	0900	**Fiscal Qtr:**	1
Termination Type:	Terminated	**Sig Sub:**	
Vacate Dt:		**Section of Act:**	
Vacate Time:		**Part Section:**	
Assess Case Stat Cd:		**Section of Act 1:**	107(a)
Docket No:		**Section of Act 2:**	
Docket Stat Cd:		**Contested Ind:**	No
Contested Dt:			

Event No:	0646848	**Initial Viol No:**	
Mine Name:	Guadalupe	**Replaced by Ord No:**	
Mine Type:	Surface	**Likelihood:**	Unlikely
Controller ID:	M11038	**Inj Illness:**	Permanent
Controller Name:	Estate of David(Sam) Johnson; Brad Johnson	**No Affected:**	1
Inspection Begin Dt:	08/28/2002	**Negligence:**	ModNegligence
Inspection End Dt:	08/29/2002	**Written Notice:**	
Violation No:	6337561	**Enforcement Area:**	
Violator ID:	L14461	**Special Assess:**	No
Violator Name:	California Rock & Asphalt Inc	**Primary or Mill:**	Primary
Violator Type CD:	Operator	**Right to Conf Dt:**	08/28/2002
Violation Issue Dt:	08/28/2002	**Asmt Generated Ind:**	No
Violation Issue Time:	1130	**Final Ord Issue Dt:**	11/30/2002
Violation Occur Dt:	08/28/2002	**Proposed Penalty:**	55
Violator Violation Cnt:	0	**Amount Due:**	55
Violator Insp Day Cnt:	0	**Amount Paid:**	55
Contractor ID:		**Bill Print Dt:**	10/18/2002
Cit Ord Safe:	Citation	**Last Action Cd:**	Paid
Orig Term Due Dt:		**Last Action Dt:**	11/19/2002
Orig Term Due Tm:		**Coal Metal Ind:**	M
Latest Term Due Dt:	08/28/2002	**Cal Yr:**	2002
Latest Term Due Tm:	1500	**Cal Qtr:**	3
Termination Dt:	08/29/2002	**Fiscal Yr:**	2002
Termination Time:	1145	**Fiscal Qtr:**	4
Termination Type:	Terminated	**Sig Sub:**	No
Vacate Dt:		**Section of Act:**	
Vacate Time:		**Part Section:**	56.12008
Assess Case Stat Cd:	Closed	**Section of Act 1:**	104(a)
Docket No:		**Section of Act 2:**	
Docket Stat Cd:		**Contested Ind:**	No
Contested Dt:			

Event No:	6663157	**Initial Viol No:**	
Mine Name:	Guadalupe	**Replaced by Ord No:**	
Mine Type:	Surface	**Likelihood:**	NoLikelihood
Controller ID:	0076453	**Inj Illness:**	NoLostDays
Controller Name:	Dan Evans; Wayne Evans	**No Affected:**	0
Inspection Begin Dt:	02/25/2015	**Negligence:**	LowNegligence
Inspection End Dt:	02/25/2015	**Written Notice:**	
Violation No:	8873020	**Enforcement Area:**	
Violator ID:	0091225	**Special Assess:**	No
Violator Name:	Evans Brothers Inc	**Primary or Mill:**	Primary
Violator Type CD:	Operator	**Right to Conf Dt:**	
Violation Issue Dt:	02/25/2015	**Asmt Generated Ind:**	No
Violation Issue Time:	0715	**Final Ord Issue Dt:**	05/24/2015
Violation Occur Dt:	02/25/2015	**Proposed Penalty:**	100
Violator Violation Cnt:	3	**Amount Due:**	100
Violator Insp Day Cnt:	5	**Amount Paid:**	100
Contractor ID:		**Bill Print Dt:**	04/08/2015
Cit Ord Safe:	Citation	**Last Action Cd:**	Paid
Orig Term Due Dt:	02/25/2015	**Last Action Dt:**	05/04/2015
Orig Term Due Tm:	0745	**Coal Metal Ind:**	M
Latest Term Due Dt:	02/25/2015	**Cal Yr:**	2015
Latest Term Due Tm:	0745	**Cal Qtr:**	1
Termination Dt:	02/25/2015	**Fiscal Yr:**	2015
Termination Time:	0716	**Fiscal Qtr:**	2
Termination Type:	Terminated	**Sig Sub:**	No
Vacate Dt:		**Section of Act:**	
Vacate Time:		**Part Section:**	50.30(a)
Assess Case Stat Cd:	Closed	**Section of Act 1:**	104(a)
Docket No:		**Section of Act 2:**	
Docket Stat Cd:		**Contested Ind:**	No
Contested Dt:			

Event No:	1139855	**Initial Viol No:**	
Mine Name:	Guadalupe	**Replaced by Ord No:**	
Mine Type:	Surface	**Likelihood:**	Unlikely
Controller ID:	0076453	**Inj Illness:**	Permanent
Controller Name:	Dan Evans; Wayne Evans	**No Affected:**	1
Inspection Begin Dt:	10/07/2008	**Negligence:**	ModNegligence
Inspection End Dt:	10/09/2008	**Written Notice:**	
Violation No:	6442779	**Enforcement Area:**	
Violator ID:	0091225	**Special Assess:**	No
Violator Name:	Evans Brothers Inc	**Primary or Mill:**	Primary
Violator Type CD:	Operator	**Right to Conf Dt:**	
Violation Issue Dt:	10/07/2008	**Asmt Generated Ind:**	No
Violation Issue Time:	1435	**Final Ord Issue Dt:**	01/14/2009
Violation Occur Dt:	10/07/2008	**Proposed Penalty:**	162
Violator Violation Cnt:	17	**Amount Due:**	162
Violator Insp Day Cnt:	8	**Amount Paid:**	162
Contractor ID:		**Bill Print Dt:**	12/10/2008
Cit Ord Safe:	Citation	**Last Action Cd:**	Paid
Orig Term Due Dt:	10/08/2008	**Last Action Dt:**	02/04/2009
Orig Term Due Tm:	1630	**Coal Metal Ind:**	M
Latest Term Due Dt:	10/08/2008	**Cal Yr:**	2008
Latest Term Due Tm:	1630	**Cal Qtr:**	4
Termination Dt:	10/09/2008	**Fiscal Yr:**	2009
Termination Time:	0815	**Fiscal Qtr:**	1
Termination Type:	Terminated	**Sig Sub:**	No
Vacate Dt:		**Section of Act:**	
Vacate Time:		**Part Section:**	56.14107(a)
Assess Case Stat Cd:	Closed	**Section of Act 1:**	104(a)
Docket No:		**Section of Act 2:**	
Docket Stat Cd:		**Contested Ind:**	No
Contested Dt:			

Event No:	0646848	**Initial Viol No:**	
Mine Name:	Guadalupe	**Replaced by Ord No:**	
Mine Type:	Surface	**Likelihood:**	Unlikely
Controller ID:	M11038	**Inj Illness:**	LostDays
Controller Name:	Estate of David(Sam) Johnson; Brad Johnson	**No Affected:**	1

Inspection Begin Dt:	08/28/2002	**Negligence:**	ModNegligence
Inspection End Dt:	08/29/2002	**Written Notice:**	
Violation No:	6337564	**Enforcement Area:**	
Violator ID:	L14461	**Special Assess:**	No
Violator Name:	California Rock & Asphalt Inc	**Primary or Mill:**	Primary
Violator Type CD:	Operator	**Right to Conf Dt:**	08/28/2002
Violation Issue Dt:	08/28/2002	**Asmt Generated Ind:**	No
Violation Issue Time:	1300	**Final Ord Issue Dt:**	11/30/2002
Violation Occur Dt:	08/28/2002	**Proposed Penalty:**	55
Violator Violation Cnt:	0	**Amount Due:**	55
Violator Insp Day Cnt:	0	**Amount Paid:**	55
Contractor ID:		**Bill Print Dt:**	10/18/2002
Cit Ord Safe:	Citation	**Last Action Cd:**	Paid
Orig Term Due Dt:		**Last Action Dt:**	11/19/2002
Orig Term Due Tm:		**Coal Metal Ind:**	M
Latest Term Due Dt:	08/29/2002	**Cal Yr:**	2002
Latest Term Due Tm:	0800	**Cal Qtr:**	3
Termination Dt:	08/29/2002	**Fiscal Yr:**	2002
Termination Time:	1055	**Fiscal Qtr:**	4
Termination Type:	Terminated	**Sig Sub:**	No
Vacate Dt:		**Section of Act:**	
Vacate Time:		**Part Section:**	56.14132(a)
Assess Case Stat Cd:	Closed	**Section of Act 1:**	104(a)
Docket No:		**Section of Act 2:**	
Docket Stat Cd:		**Contested Ind:**	No
Contested Dt:			

Event No:	0646987	**Initial Viol No:**	
Mine Name:	Guadalupe	**Replaced by Ord No:**	
Mine Type:	Surface	**Likelihood:**	Reasonably
Controller ID:	M11038	**Inj Illness:**	Fatal
Controller Name:	Estate of David(Sam) Johnson; Brad Johnson	**No Affected:**	1
Inspection Begin Dt:	11/08/2002	**Negligence:**	ModNegligence
Inspection End Dt:	11/08/2002	**Written Notice:**	
Violation No:	6337878	**Enforcement Area:**	
Violator ID:	L14461	**Special Assess:**	No
Violator Name:	California Rock & Asphalt Inc	**Primary or Mill:**	Primary
Violator Type CD:	Operator	**Right to Conf Dt:**	11/08/2002
Violation Issue Dt:	11/08/2002	**Asmt Generated Ind:**	No
Violation Issue Time:	1050	**Final Ord Issue Dt:**	09/17/2003
Violation Occur Dt:	11/08/2002	**Proposed Penalty:**	207
Violator Violation Cnt:	16	**Amount Due:**	207
Violator Insp Day Cnt:	19	**Amount Paid:**	207
Contractor ID:		**Bill Print Dt:**	08/05/2003
Cit Ord Safe:	Citation	**Last Action Cd:**	Paid
Orig Term Due Dt:		**Last Action Dt:**	10/02/2003
Orig Term Due Tm:		**Coal Metal Ind:**	M
Latest Term Due Dt:	11/08/2002	**Cal Yr:**	2002
Latest Term Due Tm:	1130	**Cal Qtr:**	4
Termination Dt:	11/13/2002	**Fiscal Yr:**	2003
Termination Time:	1055	**Fiscal Qtr:**	1
Termination Type:	Terminated	**Sig Sub:**	Yes
Vacate Dt:		**Section of Act:**	
Vacate Time:		**Part Section:**	56.14132(a)
Assess Case Stat Cd:	Closed	**Section of Act 1:**	104(a)
Docket No:		**Section of Act 2:**	
Docket Stat Cd:		**Contested Ind:**	No
Contested Dt:			

Event No:	6663641	**Initial Viol No:**	
Mine Name:	Guadalupe	**Replaced by Ord No:**	
Mine Type:	Surface	**Likelihood:**	Unlikely
Controller ID:	0118621	**Inj Illness:**	LostDays
Controller Name:	Dan Evans	**No Affected:**	1
Inspection Begin Dt:	06/30/2015	**Negligence:**	ModNegligence
Inspection End Dt:	07/01/2015	**Written Notice:**	
Violation No:	8793305	**Enforcement Area:**	
Violator ID:	0091225	**Special Assess:**	No
Violator Name:	Evans Brothers Inc	**Primary or Mill:**	Primary

Violator Type CD:	Operator	**Right to Conf Dt:**	
Violation Issue Dt:	06/30/2015	**Asmt Generated Ind:**	No
Violation Issue Time:	1342	**Final Ord Issue Dt:**	10/18/2015
Violation Occur Dt:	06/30/2015	**Proposed Penalty:**	100
Violator Violation Cnt:	2	**Amount Due:**	100
Violator Insp Day Cnt:	4	**Amount Paid:**	100
Contractor ID:		**Bill Print Dt:**	08/05/2015
Cit Ord Safe:	Citation	**Last Action Cd:**	Paid
Orig Term Due Dt:	06/30/2015	**Last Action Dt:**	09/29/2015
Orig Term Due Tm:	1500	**Coal Metal Ind:**	M
Latest Term Due Dt:	06/30/2015	**Cal Yr:**	2015
Latest Term Due Tm:	1500	**Cal Qtr:**	2
Termination Dt:	06/30/2015	**Fiscal Yr:**	2015
Termination Time:	1400	**Fiscal Qtr:**	3
Termination Type:	Terminated	**Sig Sub:**	No
Vacate Dt:		**Section of Act:**	
Vacate Time:		**Part Section:**	56.4200(b)(1)
Assess Case Stat Cd:	Closed	**Section of Act 1:**	104(a)
Docket No:		**Section of Act 2:**	
Docket Stat Cd:		**Contested Ind:**	No
Contested Dt:			

Event No:	1139855	**Initial Viol No:**	
Mine Name:	Guadalupe	**Replaced by Ord No:**	
Mine Type:	Surface	**Likelihood:**	Unlikely
Controller ID:	0076453	**Inj Illness:**	LostDays
Controller Name:	Dan Evans; Wayne Evans	**No Affected:**	1
Inspection Begin Dt:	10/07/2008	**Negligence:**	ModNegligence
Inspection End Dt:	10/09/2008	**Written Notice:**	
Violation No:	6442777	**Enforcement Area:**	
Violator ID:	0091225	**Special Assess:**	No
Violator Name:	Evans Brothers Inc	**Primary or Mill:**	Primary
Violator Type CD:	Operator	**Right to Conf Dt:**	
Violation Issue Dt:	10/07/2008	**Asmt Generated Ind:**	No
Violation Issue Time:	1325	**Final Ord Issue Dt:**	01/14/2009
Violation Occur Dt:	10/07/2008	**Proposed Penalty:**	108
Violator Violation Cnt:	17	**Amount Due:**	108
Violator Insp Day Cnt:	8	**Amount Paid:**	108
Contractor ID:		**Bill Print Dt:**	12/10/2008
Cit Ord Safe:	Citation	**Last Action Cd:**	Paid
Orig Term Due Dt:	10/07/2008	**Last Action Dt:**	02/04/2009
Orig Term Due Tm:	1700	**Coal Metal Ind:**	M
Latest Term Due Dt:	10/07/2008	**Cal Yr:**	2008
Latest Term Due Tm:	1700	**Cal Qtr:**	4
Termination Dt:	10/07/2008	**Fiscal Yr:**	2009
Termination Time:	1600	**Fiscal Qtr:**	1
Termination Type:	Terminated	**Sig Sub:**	No
Vacate Dt:		**Section of Act:**	
Vacate Time:		**Part Section:**	56.20003(c)
Assess Case Stat Cd:	Closed	**Section of Act 1:**	104(a)
Docket No:		**Section of Act 2:**	
Docket Stat Cd:		**Contested Ind:**	No
Contested Dt:			

Event No:	0739143	**Initial Viol No:**	
Mine Name:	Guadalupe	**Replaced by Ord No:**	
Mine Type:	Surface	**Likelihood:**	Unlikely
Controller ID:	M11038	**Inj Illness:**	Fatal
Controller Name:	Estate of David(Sam) Johnson; Brad Johnson	**No Affected:**	1
Inspection Begin Dt:	04/24/2001	**Negligence:**	ModNegligence
Inspection End Dt:	05/09/2001	**Written Notice:**	
Violation No:	7987573	**Enforcement Area:**	
Violator ID:	L14461	**Special Assess:**	No
Violator Name:	California Rock & Asphalt Inc	**Primary or Mill:**	Primary
Violator Type CD:	Operator	**Right to Conf Dt:**	05/02/2001
Violation Issue Dt:	05/02/2001	**Asmt Generated Ind:**	No
Violation Issue Time:	1230	**Final Ord Issue Dt:**	07/16/2001
Violation Occur Dt:	05/02/2001	**Proposed Penalty:**	55
Violator Violation Cnt:	0	**Amount Due:**	55

Violator Insp Day Cnt:	0	**Amount Paid:**	55
Contractor ID:		**Bill Print Dt:**	06/14/2001
Cit Ord Safe:	Citation	**Last Action Cd:**	Paid
Orig Term Due Dt:		**Last Action Dt:**	07/16/2001
Orig Term Due Tm:		**Coal Metal Ind:**	M
Latest Term Due Dt:	05/02/2001	**Cal Yr:**	2001
Latest Term Due Tm:	1700	**Cal Qtr:**	2
Termination Dt:	05/09/2001	**Fiscal Yr:**	2001
Termination Time:	1300	**Fiscal Qtr:**	3
Termination Type:	Terminated	**Sig Sub:**	No
Vacate Dt:		**Section of Act:**	
Vacate Time:		**Part Section:**	56.12028
Assess Case Stat Cd:	Closed	**Section of Act 1:**	104(a)
Docket No:		**Section of Act 2:**	
Docket Stat Cd:		**Contested Ind:**	No
Contested Dt:			

Event No:	1139074	**Initial Viol No:**	
Mine Name:	Guadalupe	**Replaced by Ord No:**	
Mine Type:	Surface	**Likelihood:**	Unlikely
Controller ID:		**Inj Illness:**	Permanent
Controller Name:		**No Affected:**	1
Inspection Begin Dt:	09/11/2007	**Negligence:**	ModNegligence
Inspection End Dt:	09/18/2007	**Written Notice:**	
Violation No:	7958721	**Enforcement Area:**	
Violator ID:	N261	**Special Assess:**	No
Violator Name:	Evans Brothers Inc	**Primary or Mill:**	Primary
Violator Type CD:	Contractor	**Right to Conf Dt:**	
Violation Issue Dt:	09/18/2007	**Asmt Generated Ind:**	No
Violation Issue Time:	0752	**Final Ord Issue Dt:**	01/25/2008
Violation Occur Dt:	09/18/2007	**Proposed Penalty:**	100
Violator Violation Cnt:	0	**Amount Due:**	100
Violator Insp Day Cnt:	0	**Amount Paid:**	100
Contractor ID:	N261	**Bill Print Dt:**	12/18/2007
Cit Ord Safe:	Citation	**Last Action Cd:**	Paid
Orig Term Due Dt:	09/18/2007	**Last Action Dt:**	04/21/2008
Orig Term Due Tm:	1000	**Coal Metal Ind:**	M
Latest Term Due Dt:	09/18/2007	**Cal Yr:**	2007
Latest Term Due Tm:	1000	**Cal Qtr:**	3
Termination Dt:	09/18/2007	**Fiscal Yr:**	2007
Termination Time:	1006	**Fiscal Qtr:**	4
Termination Type:	Terminated	**Sig Sub:**	No
Vacate Dt:		**Section of Act:**	
Vacate Time:		**Part Section:**	56.14107(a)
Assess Case Stat Cd:	Closed	**Section of Act 1:**	104(a)
Docket No:		**Section of Act 2:**	
Docket Stat Cd:		**Contested Ind:**	No
Contested Dt:			

Event No:	1161825	**Initial Viol No:**	
Mine Name:	Guadalupe	**Replaced by Ord No:**	
Mine Type:	Surface	**Likelihood:**	Reasonably
Controller ID:	0076453	**Inj Illness:**	NoLostDays
Controller Name:	Dan Evans; Wayne Evans	**No Affected:**	1
Inspection Begin Dt:	10/22/2012	**Negligence:**	ModNegligence
Inspection End Dt:	10/25/2012	**Written Notice:**	
Violation No:	8695557	**Enforcement Area:**	
Violator ID:	0091225	**Special Assess:**	No
Violator Name:	Evans Brothers Inc	**Primary or Mill:**	Primary
Violator Type CD:	Operator	**Right to Conf Dt:**	
Violation Issue Dt:	10/24/2012	**Asmt Generated Ind:**	No
Violation Issue Time:	1300	**Final Ord Issue Dt:**	01/11/2013
Violation Occur Dt:	10/24/2012	**Proposed Penalty:**	263
Violator Violation Cnt:	11	**Amount Due:**	263
Violator Insp Day Cnt:	6	**Amount Paid:**	263
Contractor ID:		**Bill Print Dt:**	12/05/2012
Cit Ord Safe:	Citation	**Last Action Cd:**	Paid
Orig Term Due Dt:	10/25/2012	**Last Action Dt:**	02/26/2013
Orig Term Due Tm:	1530	**Coal Metal Ind:**	M

Latest Term Due Dt:	10/25/2012	**Cal Yr:**	2012
Latest Term Due Tm:	1530	**Cal Qtr:**	4
Termination Dt:	11/15/2012	**Fiscal Yr:**	2013
Termination Time:	1300	**Fiscal Qtr:**	1
Termination Type:	Terminated	**Sig Sub:**	No
Vacate Dt:		**Section of Act:**	
Vacate Time:		**Part Section:**	56.14107(a)
Assess Case Stat Cd:	Closed	**Section of Act 1:**	104(a)
Docket No:		**Section of Act 2:**	
Docket Stat Cd:		**Contested Ind:**	No
Contested Dt:			

Event No:	1155287	**Initial Viol No:**	
Mine Name:	Guadalupe	**Replaced by Ord No:**	
Mine Type:	Surface	**Likelihood:**	Unlikely
Controller ID:	0076453	**Inj Illness:**	Permanent
Controller Name:	Dan Evans; Wayne Evans	**No Affected:**	1
Inspection Begin Dt:	05/07/2012	**Negligence:**	LowNegligence
Inspection End Dt:	05/10/2012	**Written Notice:**	
Violation No:	8612944	**Enforcement Area:**	
Violator ID:	0091225	**Special Assess:**	No
Violator Name:	Evans Brothers Inc	**Primary or Mill:**	Primary
Violator Type CD:	Operator	**Right to Conf Dt:**	
Violation Issue Dt:	05/08/2012	**Asmt Generated Ind:**	No
Violation Issue Time:	1130	**Final Ord Issue Dt:**	08/16/2012
Violation Occur Dt:	05/08/2012	**Proposed Penalty:**	100
Violator Violation Cnt:	8	**Amount Due:**	100
Violator Insp Day Cnt:	4	**Amount Paid:**	100
Contractor ID:		**Bill Print Dt:**	07/11/2012
Cit Ord Safe:	Citation	**Last Action Cd:**	Paid
Orig Term Due Dt:	05/08/2012	**Last Action Dt:**	09/05/2012
Orig Term Due Tm:	1300	**Coal Metal Ind:**	M
Latest Term Due Dt:	05/08/2012	**Cal Yr:**	2012
Latest Term Due Tm:	1300	**Cal Qtr:**	2
Termination Dt:	05/08/2012	**Fiscal Yr:**	2012
Termination Time:	1415	**Fiscal Qtr:**	3
Termination Type:	Terminated	**Sig Sub:**	No
Vacate Dt:		**Section of Act:**	
Vacate Time:		**Part Section:**	56.4101
Assess Case Stat Cd:	Closed	**Section of Act 1:**	104(a)
Docket No:		**Section of Act 2:**	
Docket Stat Cd:		**Contested Ind:**	No
Contested Dt:			

Event No:	6663793	**Initial Viol No:**	
Mine Name:	Guadalupe	**Replaced by Ord No:**	
Mine Type:	Surface	**Likelihood:**	Unlikely
Controller ID:	0118621	**Inj Illness:**	LostDays
Controller Name:	Dan Evans	**No Affected:**	1
Inspection Begin Dt:	02/09/2017	**Negligence:**	ModNegligence
Inspection End Dt:	02/09/2017	**Written Notice:**	
Violation No:	8991133	**Enforcement Area:**	
Violator ID:	0091225	**Special Assess:**	No
Violator Name:	Evans Brothers Inc	**Primary or Mill:**	Primary
Violator Type CD:	Operator	**Right to Conf Dt:**	
Violation Issue Dt:	02/09/2017	**Asmt Generated Ind:**	No
Violation Issue Time:	0955	**Final Ord Issue Dt:**	05/20/2017
Violation Occur Dt:	02/09/2017	**Proposed Penalty:**	116
Violator Violation Cnt:	6	**Amount Due:**	116
Violator Insp Day Cnt:	8	**Amount Paid:**	116
Contractor ID:		**Bill Print Dt:**	04/05/2017
Cit Ord Safe:	Citation	**Last Action Cd:**	Paid
Orig Term Due Dt:	02/13/2017	**Last Action Dt:**	04/18/2017
Orig Term Due Tm:	1100	**Coal Metal Ind:**	M
Latest Term Due Dt:	02/28/2017	**Cal Yr:**	2017
Latest Term Due Tm:	1100	**Cal Qtr:**	1
Termination Dt:	02/28/2017	**Fiscal Yr:**	2017
Termination Time:	1200	**Fiscal Qtr:**	2
Termination Type:	Terminated	**Sig Sub:**	No

Vacate Dt:		**Section of Act:**	
Vacate Time:		**Part Section:**	56.20003(a)
Assess Case Stat Cd:	Closed	**Section of Act 1:**	104(a)
Docket No:		**Section of Act 2:**	
Docket Stat Cd:		**Contested Ind:**	No
Contested Dt:			

Event No:	1125151	**Initial Viol No:**	
Mine Name:	Guadalupe	**Replaced by Ord No:**	
Mine Type:	Surface	**Likelihood:**	Unlikely
Controller ID:	M11038	**Inj Illness:**	LostDays
Controller Name:	Estate of David(Sam) Johnson; Brad Johnson	**No Affected:**	1
Inspection Begin Dt:	07/06/2005	**Negligence:**	ModNegligence
Inspection End Dt:	07/08/2005	**Written Notice:**	
Violation No:	6366956	**Enforcement Area:**	
Violator ID:	L14461	**Special Assess:**	No
Violator Name:	California Rock & Asphalt Inc	**Primary or Mill:**	Primary
Violator Type CD:	Operator	**Right to Conf Dt:**	
Violation Issue Dt:	07/06/2005	**Asmt Generated Ind:**	No
Violation Issue Time:	0950	**Final Ord Issue Dt:**	03/10/2006
Violation Occur Dt:	07/06/2005	**Proposed Penalty:**	60
Violator Violation Cnt:	24	**Amount Due:**	60
Violator Insp Day Cnt:	18	**Amount Paid:**	60
Contractor ID:		**Bill Print Dt:**	09/06/2005
Cit Ord Safe:	Citation	**Last Action Cd:**	Paid
Orig Term Due Dt:	07/06/2005	**Last Action Dt:**	10/12/2005
Orig Term Due Tm:	1600	**Coal Metal Ind:**	M
Latest Term Due Dt:	07/06/2005	**Cal Yr:**	2005
Latest Term Due Tm:	1600	**Cal Qtr:**	3
Termination Dt:	07/07/2005	**Fiscal Yr:**	2005
Termination Time:	1240	**Fiscal Qtr:**	4
Termination Type:	Terminated	**Sig Sub:**	No
Vacate Dt:		**Section of Act:**	
Vacate Time:		**Part Section:**	56.14100(b)
Assess Case Stat Cd:	Closed	**Section of Act 1:**	104(a)
Docket No:		**Section of Act 2:**	
Docket Stat Cd:		**Contested Ind:**	No
Contested Dt:			

Event No:	1139855	**Initial Viol No:**	
Mine Name:	Guadalupe	**Replaced by Ord No:**	
Mine Type:	Surface	**Likelihood:**	NoLikelihood
Controller ID:	0076453	**Inj Illness:**	NoLostDays
Controller Name:	Dan Evans; Wayne Evans	**No Affected:**	0
Inspection Begin Dt:	10/07/2008	**Negligence:**	ModNegligence
Inspection End Dt:	10/09/2008	**Written Notice:**	
Violation No:	6442787	**Enforcement Area:**	
Violator ID:	0091225	**Special Assess:**	No
Violator Name:	Evans Brothers Inc	**Primary or Mill:**	Primary
Violator Type CD:	Operator	**Right to Conf Dt:**	
Violation Issue Dt:	10/08/2008	**Asmt Generated Ind:**	No
Violation Issue Time:	1310	**Final Ord Issue Dt:**	01/14/2009
Violation Occur Dt:	10/08/2008	**Proposed Penalty:**	100
Violator Violation Cnt:	17	**Amount Due:**	100
Violator Insp Day Cnt:	9	**Amount Paid:**	100
Contractor ID:		**Bill Print Dt:**	12/10/2008
Cit Ord Safe:	Citation	**Last Action Cd:**	Paid
Orig Term Due Dt:	10/09/2008	**Last Action Dt:**	02/04/2009
Orig Term Due Tm:	0900	**Coal Metal Ind:**	M
Latest Term Due Dt:	10/09/2008	**Cal Yr:**	2008
Latest Term Due Tm:	0900	**Cal Qtr:**	4
Termination Dt:	10/20/2008	**Fiscal Yr:**	2009
Termination Time:	0738	**Fiscal Qtr:**	1
Termination Type:	Terminated	**Sig Sub:**	No
Vacate Dt:		**Section of Act:**	
Vacate Time:		**Part Section:**	45.4(b)
Assess Case Stat Cd:	Closed	**Section of Act 1:**	104(a)
Docket No:		**Section of Act 2:**	
Docket Stat Cd:		**Contested Ind:**	No

Contested Dt:

Event No: 1121020
Mine Name: Guadalupe
Mine Type: Surface
Controller ID: M11038
Controller Name: Estate of David(Sam) Johnson; Brad Johnson
Inspection Begin Dt: 10/06/2003
Inspection End Dt: 10/08/2003
Violation No: 6348349
Violator ID: L14461
Violator Name: California Rock & Asphalt Inc
Violator Type CD: Operator
Violation Issue Dt: 10/06/2003
Violation Issue Time: 1350
Violation Occur Dt: 10/06/2003
Violator Violation Cnt: 37
Violator Insp Day Cnt: 21
Contractor ID:
Cit Ord Safe: Citation
Orig Term Due Dt:
Orig Term Due Tm:
Latest Term Due Dt: 10/07/2003
Latest Term Due Tm: 0800
Termination Dt: 10/07/2003
Termination Time: 0630
Termination Type: Terminated
Vacate Dt:
Vacate Time:
Assess Case Stat Cd: Closed
Docket No:
Docket Stat Cd:
Contested Dt:

Initial Viol No:
Replaced by Ord No:
Likelihood: NoLikelihood
Inj Illness: NoLostDays
No Affected: 1
Negligence: ModNegligence
Written Notice:
Enforcement Area:
Special Assess: No
Primary or Mill: Primary
Right to Conf Dt: 10/06/2003
Asmt Generated Ind: No
Final Ord Issue Dt: 12/19/2003
Proposed Penalty: 60
Amount Due: 60
Amount Paid: 60
Bill Print Dt: 11/04/2003
Last Action Cd: Paid
Last Action Dt: 11/28/2003
Coal Metal Ind: M
Cal Yr: 2003
Cal Qtr: 4
Fiscal Yr: 2004
Fiscal Qtr: 1
Sig Sub: No
Section of Act:
Part Section: 46.3(a)
Section of Act 1: 104(a)
Section of Act 2:
Contested Ind: No

Event No: 1155070
Mine Name: Guadalupe
Mine Type: Surface
Controller ID: 0076453
Controller Name: Dan Evans; Wayne Evans
Inspection Begin Dt: 08/24/2010
Inspection End Dt: 08/25/2010
Violation No: 8561447
Violator ID: 0091225
Violator Name: Evans Brothers Inc
Violator Type CD: Operator
Violation Issue Dt: 08/24/2010
Violation Issue Time: 0845
Violation Occur Dt: 08/24/2010
Violator Violation Cnt: 6
Violator Insp Day Cnt: 3
Contractor ID:
Cit Ord Safe: Citation
Orig Term Due Dt: 08/24/2010
Orig Term Due Tm: 1600
Latest Term Due Dt: 08/24/2010
Latest Term Due Tm: 1600
Termination Dt: 08/24/2010
Termination Time: 1155
Termination Type: Terminated
Vacate Dt:
Vacate Time:
Assess Case Stat Cd: Closed
Docket No:
Docket Stat Cd:
Contested Dt:

Initial Viol No:
Replaced by Ord No:
Likelihood: Reasonably
Inj Illness: LostDays
No Affected: 1
Negligence: ModNegligence
Written Notice:
Enforcement Area:
Special Assess: No
Primary or Mill: Primary
Right to Conf Dt:
Asmt Generated Ind: No
Final Ord Issue Dt: 11/10/2010
Proposed Penalty: 100
Amount Due: 100
Amount Paid: 100
Bill Print Dt: 10/06/2010
Last Action Cd: Paid
Last Action Dt: 12/10/2010
Coal Metal Ind: M
Cal Yr: 2010
Cal Qtr: 3
Fiscal Yr: 2010
Fiscal Qtr: 4
Sig Sub: Yes
Section of Act:
Part Section: 56.9300(a)
Section of Act 1: 104(a)
Section of Act 2:
Contested Ind: No

Event No: 1125151
Mine Name: Guadalupe
Mine Type: Surface

Initial Viol No:
Replaced by Ord No:
Likelihood: Unlikely

Controller ID:	M11038	**Inj Illness:**	LostDays
Controller Name:	Estate of David(Sam) Johnson; Brad Johnson	**No Affected:**	1
Inspection Begin Dt:	07/06/2005	**Negligence:**	ModNegligence
Inspection End Dt:	07/08/2005	**Written Notice:**	
Violation No:	6366958	**Enforcement Area:**	
Violator ID:	L14461	**Special Assess:**	No
Violator Name:	California Rock & Asphalt Inc	**Primary or Mill:**	Primary
Violator Type CD:	Operator	**Right to Conf Dt:**	
Violation Issue Dt:	07/06/2005	**Asmt Generated Ind:**	No
Violation Issue Time:	1250	**Final Ord Issue Dt:**	03/10/2006
Violation Occur Dt:	07/06/2005	**Proposed Penalty:**	60
Violator Violation Cnt:	24	**Amount Due:**	60
Violator Insp Day Cnt:	18	**Amount Paid:**	60
Contractor ID:		**Bill Print Dt:**	09/06/2005
Cit Ord Safe:	Citation	**Last Action Cd:**	Paid
Orig Term Due Dt:	07/06/2005	**Last Action Dt:**	10/12/2005
Orig Term Due Tm:	1300	**Coal Metal Ind:**	M
Latest Term Due Dt:	07/06/2005	**Cal Yr:**	2005
Latest Term Due Tm:	1300	**Cal Qtr:**	3
Termination Dt:	07/06/2005	**Fiscal Yr:**	2005
Termination Time:	1300	**Fiscal Qtr:**	4
Termination Type:	Terminated	**Sig Sub:**	No
Vacate Dt:		**Section of Act:**	
Vacate Time:		**Part Section:**	56.14100(b)
Assess Case Stat Cd:	Closed	**Section of Act 1:**	104(a)
Docket No:		**Section of Act 2:**	
Docket Stat Cd:		**Contested Ind:**	No
Contested Dt:			

Event No:	6599456	**Initial Viol No:**	
Mine Name:	Guadalupe	**Replaced by Ord No:**	
Mine Type:	Surface	**Likelihood:**	Unlikely
Controller ID:	0118621	**Inj Illness:**	Fatal
Controller Name:	Dan Evans	**No Affected:**	1
Inspection Begin Dt:	04/07/2016	**Negligence:**	LowNegligence
Inspection End Dt:	04/13/2016	**Written Notice:**	
Violation No:	8785442	**Enforcement Area:**	
Violator ID:	0091225	**Special Assess:**	No
Violator Name:	Evans Brothers Inc	**Primary or Mill:**	Primary
Violator Type CD:	Operator	**Right to Conf Dt:**	
Violation Issue Dt:	04/12/2016	**Asmt Generated Ind:**	No
Violation Issue Time:	1030	**Final Ord Issue Dt:**	07/23/2016
Violation Occur Dt:	04/12/2016	**Proposed Penalty:**	100
Violator Violation Cnt:	8	**Amount Due:**	100
Violator Insp Day Cnt:	9	**Amount Paid:**	100
Contractor ID:		**Bill Print Dt:**	06/08/2016
Cit Ord Safe:	Citation	**Last Action Cd:**	Paid
Orig Term Due Dt:	04/12/2016	**Last Action Dt:**	06/22/2016
Orig Term Due Tm:	1200	**Coal Metal Ind:**	M
Latest Term Due Dt:	04/12/2016	**Cal Yr:**	2016
Latest Term Due Tm:	1200	**Cal Qtr:**	2
Termination Dt:	04/12/2016	**Fiscal Yr:**	2016
Termination Time:	1424	**Fiscal Qtr:**	3
Termination Type:	Terminated	**Sig Sub:**	No
Vacate Dt:		**Section of Act:**	
Vacate Time:		**Part Section:**	56.12032
Assess Case Stat Cd:	Closed	**Section of Act 1:**	104(a)
Docket No:		**Section of Act 2:**	
Docket Stat Cd:		**Contested Ind:**	No
Contested Dt:			

Event No:	0614484	**Initial Viol No:**	
Mine Name:	Guadalupe	**Replaced by Ord No:**	
Mine Type:	Surface	**Likelihood:**	Unlikely
Controller ID:	M11038	**Inj Illness:**	Fatal
Controller Name:	Estate of David(Sam) Johnson; Brad Johnson	**No Affected:**	1
Inspection Begin Dt:	10/10/2000	**Negligence:**	ModNegligence
Inspection End Dt:	10/17/2000	**Written Notice:**	
Violation No:	7987485	**Enforcement Area:**	

Violator ID:	L14461	**Special Assess:**	No
Violator Name:	California Rock & Asphalt Inc	**Primary or Mill:**	Primary
Violator Type CD:	Operator	**Right to Conf Dt:**	10/12/2000
Violation Issue Dt:	10/12/2000	**Asmt Generated Ind:**	No
Violation Issue Time:	1340	**Final Ord Issue Dt:**	01/10/2001
Violation Occur Dt:	10/12/2000	**Proposed Penalty:**	55
Violator Violation Cnt:	0	**Amount Due:**	55
Violator Insp Day Cnt:	0	**Amount Paid:**	55
Contractor ID:		**Bill Print Dt:**	12/08/2000
Cit Ord Safe:	Citation	**Last Action Cd:**	Paid
Orig Term Due Dt:		**Last Action Dt:**	01/10/2001
Orig Term Due Tm:		**Coal Metal Ind:**	M
Latest Term Due Dt:	10/12/2000	**Cal Yr:**	2000
Latest Term Due Tm:	1530	**Cal Qtr:**	4
Termination Dt:	10/12/2000	**Fiscal Yr:**	2001
Termination Time:	1500	**Fiscal Qtr:**	1
Termination Type:	Terminated	**Sig Sub:**	No
Vacate Dt:		**Section of Act:**	
Vacate Time:		**Part Section:**	56.14107(a)
Assess Case Stat Cd:	Closed	**Section of Act 1:**	104(a)
Docket No:		**Section of Act 2:**	
Docket Stat Cd:		**Contested Ind:**	No
Contested Dt:			

Event No:	6599456	**Initial Viol No:**	
Mine Name:	Guadalupe	**Replaced by Ord No:**	
Mine Type:	Surface	**Likelihood:**	Reasonably
Controller ID:	0118621	**Inj Illness:**	Permanent
Controller Name:	Dan Evans	**No Affected:**	1
Inspection Begin Dt:	04/07/2016	**Negligence:**	ModNegligence
Inspection End Dt:	04/13/2016	**Written Notice:**	
Violation No:	8785441	**Enforcement Area:**	
Violator ID:	0091225	**Special Assess:**	No
Violator Name:	Evans Brothers Inc	**Primary or Mill:**	Primary
Violator Type CD:	Operator	**Right to Conf Dt:**	
Violation Issue Dt:	04/12/2016	**Asmt Generated Ind:**	No
Violation Issue Time:	0853	**Final Ord Issue Dt:**	07/23/2016
Violation Occur Dt:	04/12/2016	**Proposed Penalty:**	138
Violator Violation Cnt:	8	**Amount Due:**	138
Violator Insp Day Cnt:	9	**Amount Paid:**	138
Contractor ID:		**Bill Print Dt:**	06/08/2016
Cit Ord Safe:	Citation	**Last Action Cd:**	Paid
Orig Term Due Dt:	04/12/2016	**Last Action Dt:**	06/22/2016
Orig Term Due Tm:	1200	**Coal Metal Ind:**	M
Latest Term Due Dt:	04/12/2016	**Cal Yr:**	2016
Latest Term Due Tm:	1200	**Cal Qtr:**	2
Termination Dt:	04/12/2016	**Fiscal Yr:**	2016
Termination Time:	1438	**Fiscal Qtr:**	3
Termination Type:	Terminated	**Sig Sub:**	Yes
Vacate Dt:		**Section of Act:**	
Vacate Time:		**Part Section:**	56.9300(a)
Assess Case Stat Cd:	Closed	**Section of Act 1:**	104(a)
Docket No:		**Section of Act 2:**	
Docket Stat Cd:		**Contested Ind:**	No
Contested Dt:			

Event No:	0614589	**Initial Viol No:**	
Mine Name:	Guadalupe	**Replaced by Ord No:**	
Mine Type:	Surface	**Likelihood:**	Unlikely
Controller ID:	M11038	**Inj Illness:**	Permanent
Controller Name:	Estate of David(Sam) Johnson; Brad Johnson	**No Affected:**	1
Inspection Begin Dt:	02/24/2000	**Negligence:**	LowNegligence
Inspection End Dt:	03/03/2000	**Written Notice:**	
Violation No:	7972866	**Enforcement Area:**	
Violator ID:	L14461	**Special Assess:**	No
Violator Name:	California Rock & Asphalt Inc	**Primary or Mill:**	Primary
Violator Type CD:	Operator	**Right to Conf Dt:**	02/24/2000
Violation Issue Dt:	02/24/2000	**Asmt Generated Ind:**	No
Violation Issue Time:	1320	**Final Ord Issue Dt:**	05/03/2000

Violation Occur Dt:	02/24/2000	**Proposed Penalty:**	55
Violator Violation Cnt:	0	**Amount Due:**	55
Violator Insp Day Cnt:	0	**Amount Paid:**	55
Contractor ID:		**Bill Print Dt:**	04/05/2000
Cit Ord Safe:	Citation	**Last Action Cd:**	Paid
Orig Term Due Dt:		**Last Action Dt:**	05/03/2000
Orig Term Due Tm:		**Coal Metal Ind:**	M
Latest Term Due Dt:	02/25/2000	**Cal Yr:**	2000
Latest Term Due Tm:	0800	**Cal Qtr:**	1
Termination Dt:	02/25/2000	**Fiscal Yr:**	2000
Termination Time:	1045	**Fiscal Qtr:**	2
Termination Type:	Terminated	**Sig Sub:**	No
Vacate Dt:		**Section of Act:**	
Vacate Time:		**Part Section:**	56.14132(a)
Assess Case Stat Cd:	Closed	**Section of Act 1:**	104(a)
Docket No:		**Section of Act 2:**	
Docket Stat Cd:		**Contested Ind:**	No
Contested Dt:			

Event No:	6599437	**Initial Viol No:**	
Mine Name:	Guadalupe	**Replaced by Ord No:**	
Mine Type:	Surface	**Likelihood:**	Reasonably
Controller ID:	0118621	**Inj Illness:**	LostDays
Controller Name:	Dan Evans	**No Affected:**	1
Inspection Begin Dt:	11/18/2015	**Negligence:**	ModNegligence
Inspection End Dt:	11/25/2015	**Written Notice:**	
Violation No:	8785392	**Enforcement Area:**	
Violator ID:	0091225	**Special Assess:**	Yes
Violator Name:	Evans Brothers Inc	**Primary or Mill:**	Primary
Violator Type CD:	Operator	**Right to Conf Dt:**	
Violation Issue Dt:	11/19/2015	**Asmt Generated Ind:**	No
Violation Issue Time:	1046	**Final Ord Issue Dt:**	02/20/2016
Violation Occur Dt:	11/19/2015	**Proposed Penalty:**	100
Violator Violation Cnt:	7	**Amount Due:**	100
Violator Insp Day Cnt:	7	**Amount Paid:**	100
Contractor ID:		**Bill Print Dt:**	01/06/2016
Cit Ord Safe:	Citation	**Last Action Cd:**	Paid
Orig Term Due Dt:	11/19/2015	**Last Action Dt:**	01/19/2016
Orig Term Due Tm:	1100	**Coal Metal Ind:**	M
Latest Term Due Dt:	11/19/2015	**Cal Yr:**	2015
Latest Term Due Tm:	1100	**Cal Qtr:**	4
Termination Dt:	11/19/2015	**Fiscal Yr:**	2016
Termination Time:	1054	**Fiscal Qtr:**	1
Termination Type:	Terminated	**Sig Sub:**	Yes
Vacate Dt:		**Section of Act:**	
Vacate Time:		**Part Section:**	56.14100(b)
Assess Case Stat Cd:	Closed	**Section of Act 1:**	104(a)
Docket No:		**Section of Act 2:**	
Docket Stat Cd:		**Contested Ind:**	No
Contested Dt:			

Event No:	1125151	**Initial Viol No:**	
Mine Name:	Guadalupe	**Replaced by Ord No:**	
Mine Type:	Surface	**Likelihood:**	NoLikelihood
Controller ID:	M11038	**Inj Illness:**	NoLostDays
Controller Name:	Estate of David(Sam) Johnson; Brad Johnson	**No Affected:**	0
Inspection Begin Dt:	07/06/2005	**Negligence:**	LowNegligence
Inspection End Dt:	07/08/2005	**Written Notice:**	
Violation No:	6366959	**Enforcement Area:**	
Violator ID:	L14461	**Special Assess:**	No
Violator Name:	California Rock & Asphalt Inc	**Primary or Mill:**	Primary
Violator Type CD:	Operator	**Right to Conf Dt:**	
Violation Issue Dt:	07/07/2005	**Asmt Generated Ind:**	No
Violation Issue Time:	1000	**Final Ord Issue Dt:**	03/10/2006
Violation Occur Dt:	07/07/2005	**Proposed Penalty:**	60
Violator Violation Cnt:	24	**Amount Due:**	60
Violator Insp Day Cnt:	18	**Amount Paid:**	60
Contractor ID:		**Bill Print Dt:**	09/06/2005
Cit Ord Safe:	Citation	**Last Action Cd:**	Paid

Orig Term Due Dt:	07/15/2005	**Last Action Dt:**	10/12/2005
Orig Term Due Tm:	1600	**Coal Metal Ind:**	M
Latest Term Due Dt:	07/15/2005	**Cal Yr:**	2005
Latest Term Due Tm:	1600	**Cal Qtr:**	3
Termination Dt:	07/18/2005	**Fiscal Yr:**	2005
Termination Time:	0755	**Fiscal Qtr:**	4
Termination Type:	Terminated	**Sig Sub:**	No
Vacate Dt:		**Section of Act:**	
Vacate Time:		**Part Section:**	50.30-1(g)(2)
Assess Case Stat Cd:	Closed	**Section of Act 1:**	104(a)
Docket No:		**Section of Act 2:**	
Docket Stat Cd:		**Contested Ind:**	No
Contested Dt:			

Event No:	0614589	**Initial Viol No:**	
Mine Name:	Guadalupe	**Replaced by Ord No:**	
Mine Type:	Surface	**Likelihood:**	Reasonably
Controller ID:	M11038	**Inj Illness:**	LostDays
Controller Name:	Estate of David(Sam) Johnson; Brad Johnson	**No Affected:**	1
Inspection Begin Dt:	02/24/2000	**Negligence:**	ModNegligence
Inspection End Dt:	03/03/2000	**Written Notice:**	
Violation No:	7972863	**Enforcement Area:**	
Violator ID:	L14461	**Special Assess:**	No
Violator Name:	California Rock & Asphalt Inc	**Primary or Mill:**	Primary
Violator Type CD:	Operator	**Right to Conf Dt:**	02/24/2000
Violation Issue Dt:	02/24/2000	**Asmt Generated Ind:**	No
Violation Issue Time:	1145	**Final Ord Issue Dt:**	05/03/2000
Violation Occur Dt:	02/24/2000	**Proposed Penalty:**	173
Violator Violation Cnt:	0	**Amount Due:**	173
Violator Insp Day Cnt:	0	**Amount Paid:**	173
Contractor ID:		**Bill Print Dt:**	04/05/2000
Cit Ord Safe:	Citation	**Last Action Cd:**	Paid
Orig Term Due Dt:		**Last Action Dt:**	05/03/2000
Orig Term Due Tm:		**Coal Metal Ind:**	M
Latest Term Due Dt:	02/24/2000	**Cal Yr:**	2000
Latest Term Due Tm:	1400	**Cal Qtr:**	1
Termination Dt:	02/24/2000	**Fiscal Yr:**	2000
Termination Time:	1330	**Fiscal Qtr:**	2
Termination Type:	Terminated	**Sig Sub:**	Yes
Vacate Dt:		**Section of Act:**	
Vacate Time:		**Part Section:**	56.11002
Assess Case Stat Cd:	Closed	**Section of Act 1:**	104(a)
Docket No:		**Section of Act 2:**	
Docket Stat Cd:		**Contested Ind:**	No
Contested Dt:			

Event No:	1139855	**Initial Viol No:**	
Mine Name:	Guadalupe	**Replaced by Ord No:**	
Mine Type:	Surface	**Likelihood:**	Unlikely
Controller ID:	0076453	**Inj Illness:**	Fatal
Controller Name:	Dan Evans; Wayne Evans	**No Affected:**	1
Inspection Begin Dt:	10/07/2008	**Negligence:**	ModNegligence
Inspection End Dt:	10/09/2008	**Written Notice:**	
Violation No:	6442780	**Enforcement Area:**	
Violator ID:	0091225	**Special Assess:**	No
Violator Name:	Evans Brothers Inc	**Primary or Mill:**	Primary
Violator Type CD:	Operator	**Right to Conf Dt:**	
Violation Issue Dt:	10/07/2008	**Asmt Generated Ind:**	No
Violation Issue Time:	1448	**Final Ord Issue Dt:**	01/14/2009
Violation Occur Dt:	10/07/2008	**Proposed Penalty:**	362
Violator Violation Cnt:	17	**Amount Due:**	362
Violator Insp Day Cnt:	8	**Amount Paid:**	362
Contractor ID:		**Bill Print Dt:**	12/10/2008
Cit Ord Safe:	Citation	**Last Action Cd:**	Paid
Orig Term Due Dt:	10/08/2008	**Last Action Dt:**	02/04/2009
Orig Term Due Tm:	0800	**Coal Metal Ind:**	M
Latest Term Due Dt:	10/08/2008	**Cal Yr:**	2008
Latest Term Due Tm:	0800	**Cal Qtr:**	4
Termination Dt:	10/08/2008	**Fiscal Yr:**	2009

Termination Time:	0800	**Fiscal Qtr:**	1
Termination Type:	Terminated	**Sig Sub:**	No
Vacate Dt:		**Section of Act:**	
Vacate Time:		**Part Section:**	56.12030
Assess Case Stat Cd:	Closed	**Section of Act 1:**	104(a)
Docket No:		**Section of Act 2:**	
Docket Stat Cd:		**Contested Ind:**	No
Contested Dt:			

Event No:	1121398	**Initial Viol No:**	
Mine Name:	Guadalupe	**Replaced by Ord No:**	
Mine Type:	Surface	**Likelihood:**	Unlikely
Controller ID:	M11038	**Inj Illness:**	Fatal
Controller Name:	Estate of David(Sam) Johnson; Brad Johnson	**No Affected:**	1
Inspection Begin Dt:	12/01/2004	**Negligence:**	ModNegligence
Inspection End Dt:	12/03/2004	**Written Notice:**	
Violation No:	6366871	**Enforcement Area:**	
Violator ID:	L14461	**Special Assess:**	No
Violator Name:	California Rock & Asphalt Inc	**Primary or Mill:**	Primary
Violator Type CD:	Operator	**Right to Conf Dt:**	12/01/2004
Violation Issue Dt:	12/01/2004	**Asmt Generated Ind:**	No
Violation Issue Time:	1135	**Final Ord Issue Dt:**	05/19/2005
Violation Occur Dt:	12/01/2004	**Proposed Penalty:**	60
Violator Violation Cnt:	36	**Amount Due:**	60
Violator Insp Day Cnt:	18	**Amount Paid:**	60
Contractor ID:		**Bill Print Dt:**	03/08/2005
Cit Ord Safe:	Citation	**Last Action Cd:**	Paid
Orig Term Due Dt:		**Last Action Dt:**	10/12/2005
Orig Term Due Tm:		**Coal Metal Ind:**	M
Latest Term Due Dt:	12/01/2004	**Cal Yr:**	2004
Latest Term Due Tm:	1140	**Cal Qtr:**	4
Termination Dt:	12/01/2004	**Fiscal Yr:**	2005
Termination Time:	1136	**Fiscal Qtr:**	1
Termination Type:	Terminated	**Sig Sub:**	No
Vacate Dt:		**Section of Act:**	
Vacate Time:		**Part Section:**	56.12025
Assess Case Stat Cd:	Closed	**Section of Act 1:**	104(a)
Docket No:		**Section of Act 2:**	
Docket Stat Cd:		**Contested Ind:**	No
Contested Dt:			

Event No:	6663793	**Initial Viol No:**	
Mine Name:	Guadalupe	**Replaced by Ord No:**	
Mine Type:	Surface	**Likelihood:**	Unlikely
Controller ID:	0118621	**Inj Illness:**	LostDays
Controller Name:	Dan Evans	**No Affected:**	1
Inspection Begin Dt:	02/09/2017	**Negligence:**	ModNegligence
Inspection End Dt:	02/09/2017	**Written Notice:**	
Violation No:	8991136	**Enforcement Area:**	
Violator ID:	0091225	**Special Assess:**	No
Violator Name:	Evans Brothers Inc	**Primary or Mill:**	Primary
Violator Type CD:	Operator	**Right to Conf Dt:**	
Violation Issue Dt:	02/09/2017	**Asmt Generated Ind:**	No
Violation Issue Time:	1115	**Final Ord Issue Dt:**	05/20/2017
Violation Occur Dt:	02/09/2017	**Proposed Penalty:**	116
Violator Violation Cnt:	6	**Amount Due:**	116
Violator Insp Day Cnt:	8	**Amount Paid:**	116
Contractor ID:		**Bill Print Dt:**	04/05/2017
Cit Ord Safe:	Citation	**Last Action Cd:**	Paid
Orig Term Due Dt:	02/09/2017	**Last Action Dt:**	04/18/2017
Orig Term Due Tm:	1500	**Coal Metal Ind:**	M
Latest Term Due Dt:	02/09/2017	**Cal Yr:**	2017
Latest Term Due Tm:	1500	**Cal Qtr:**	1
Termination Dt:	02/09/2017	**Fiscal Yr:**	2017
Termination Time:	1410	**Fiscal Qtr:**	2
Termination Type:	Terminated	**Sig Sub:**	No
Vacate Dt:		**Section of Act:**	
Vacate Time:		**Part Section:**	56.12034
Assess Case Stat Cd:	Closed	**Section of Act 1:**	104(a)

Docket No:		**Section of Act 2:**	
Docket Stat Cd:		**Contested Ind:**	No
Contested Dt:			

Event No:	1161825	**Initial Viol No:**	
Mine Name:	Guadalupe	**Replaced by Ord No:**	
Mine Type:	Surface	**Likelihood:**	Unlikely
Controller ID:	0076453	**Inj Illness:**	Permanent
Controller Name:	Dan Evans; Wayne Evans	**No Affected:**	1
Inspection Begin Dt:	10/22/2012	**Negligence:**	ModNegligence
Inspection End Dt:	10/25/2012	**Written Notice:**	
Violation No:	8695554	**Enforcement Area:**	
Violator ID:	0091225	**Special Assess:**	No
Violator Name:	Evans Brothers Inc	**Primary or Mill:**	Primary
Violator Type CD:	Operator	**Right to Conf Dt:**	
Violation Issue Dt:	10/23/2012	**Asmt Generated Ind:**	No
Violation Issue Time:	1200	**Final Ord Issue Dt:**	12/01/2013
Violation Occur Dt:	10/23/2012	**Proposed Penalty:**	946
Violator Violation Cnt:	11	**Amount Due:**	710
Violator Insp Day Cnt:	5	**Amount Paid:**	710
Contractor ID:		**Bill Print Dt:**	02/06/2013
Cit Ord Safe:	Citation	**Last Action Cd:**	Paid
Orig Term Due Dt:	10/23/2012	**Last Action Dt:**	12/27/2013
Orig Term Due Tm:	1530	**Coal Metal Ind:**	M
Latest Term Due Dt:	10/23/2012	**Cal Yr:**	2012
Latest Term Due Tm:	1530	**Cal Qtr:**	4
Termination Dt:	10/23/2012	**Fiscal Yr:**	2013
Termination Time:	1530	**Fiscal Qtr:**	1
Termination Type:	Terminated	**Sig Sub:**	No
Vacate Dt:		**Section of Act:**	
Vacate Time:		**Part Section:**	56.5005(a)
Assess Case Stat Cd:	Closed	**Section of Act 1:**	104(a)
Docket No:		**Section of Act 2:**	
Docket Stat Cd:		**Contested Ind:**	No
Contested Dt:			

Event No:	0647047	**Initial Viol No:**	
Mine Name:	Guadalupe	**Replaced by Ord No:**	
Mine Type:	Surface	**Likelihood:**	Unlikely
Controller ID:	M11038	**Inj Illness:**	Permanent
Controller Name:	Estate of David(Sam) Johnson; Brad Johnson	**No Affected:**	1
Inspection Begin Dt:	03/11/2003	**Negligence:**	ModNegligence
Inspection End Dt:	03/14/2003	**Written Notice:**	
Violation No:	6353006	**Enforcement Area:**	
Violator ID:	L14461	**Special Assess:**	No
Violator Name:	California Rock & Asphalt Inc	**Primary or Mill:**	Primary
Violator Type CD:	Operator	**Right to Conf Dt:**	03/12/2003
Violation Issue Dt:	03/12/2003	**Asmt Generated Ind:**	No
Violation Issue Time:	1600	**Final Ord Issue Dt:**	12/19/2003
Violation Occur Dt:	03/12/2003	**Proposed Penalty:**	55
Violator Violation Cnt:	34	**Amount Due:**	55
Violator Insp Day Cnt:	24	**Amount Paid:**	55
Contractor ID:		**Bill Print Dt:**	11/04/2003
Cit Ord Safe:	Citation	**Last Action Cd:**	Paid
Orig Term Due Dt:		**Last Action Dt:**	11/28/2003
Orig Term Due Tm:		**Coal Metal Ind:**	M
Latest Term Due Dt:	03/29/2003	**Cal Yr:**	2003
Latest Term Due Tm:	0700	**Cal Qtr:**	1
Termination Dt:	10/07/2003	**Fiscal Yr:**	2003
Termination Time:	1400	**Fiscal Qtr:**	2
Termination Type:	Terminated	**Sig Sub:**	No
Vacate Dt:		**Section of Act:**	
Vacate Time:		**Part Section:**	62.130(a)
Assess Case Stat Cd:	Closed	**Section of Act 1:**	104(a)
Docket No:		**Section of Act 2:**	
Docket Stat Cd:		**Contested Ind:**	No
Contested Dt:			

Event No:	0614484	**Initial Viol No:**	

Mine Name:	Guadalupe	**Replaced by Ord No:**	
Mine Type:	Surface	**Likelihood:**	Unlikely
Controller ID:	M11038	**Inj Illness:**	LostDays
Controller Name:	Estate of David(Sam) Johnson; Brad Johnson	**No Affected:**	1
Inspection Begin Dt:	10/10/2000	**Negligence:**	ModNegligence
Inspection End Dt:	10/17/2000	**Written Notice:**	
Violation No:	7987480	**Enforcement Area:**	
Violator ID:	L14461	**Special Assess:**	No
Violator Name:	California Rock & Asphalt Inc	**Primary or Mill:**	Primary
Violator Type CD:	Operator	**Right to Conf Dt:**	10/11/2000
Violation Issue Dt:	10/11/2000	**Asmt Generated Ind:**	No
Violation Issue Time:	1110	**Final Ord Issue Dt:**	01/10/2001
Violation Occur Dt:	10/11/2000	**Proposed Penalty:**	55
Violator Violation Cnt:	0	**Amount Due:**	55
Violator Insp Day Cnt:	0	**Amount Paid:**	55
Contractor ID:		**Bill Print Dt:**	12/08/2000
Cit Ord Safe:	Citation	**Last Action Cd:**	Paid
Orig Term Due Dt:		**Last Action Dt:**	01/10/2001
Orig Term Due Tm:		**Coal Metal Ind:**	M
Latest Term Due Dt:	10/11/2000	**Cal Yr:**	2000
Latest Term Due Tm:	1200	**Cal Qtr:**	4
Termination Dt:	10/11/2000	**Fiscal Yr:**	2001
Termination Time:	1130	**Fiscal Qtr:**	1
Termination Type:	Terminated	**Sig Sub:**	No
Vacate Dt:		**Section of Act:**	
Vacate Time:		**Part Section:**	56.13021
Assess Case Stat Cd:	Closed	**Section of Act 1:**	104(a)
Docket No:		**Section of Act 2:**	
Docket Stat Cd:		**Contested Ind:**	No
Contested Dt:			

Event No:	0646987	**Initial Viol No:**	
Mine Name:	Guadalupe	**Replaced by Ord No:**	
Mine Type:	Surface	**Likelihood:**	Reasonably
Controller ID:	M11038	**Inj Illness:**	Fatal
Controller Name:	Estate of David(Sam) Johnson; Brad Johnson	**No Affected:**	1
Inspection Begin Dt:	11/08/2002	**Negligence:**	ModNegligence
Inspection End Dt:	11/08/2002	**Written Notice:**	
Violation No:	6337880	**Enforcement Area:**	
Violator ID:	L14461	**Special Assess:**	No
Violator Name:	California Rock & Asphalt Inc	**Primary or Mill:**	Primary
Violator Type CD:	Operator	**Right to Conf Dt:**	11/08/2002
Violation Issue Dt:	11/08/2002	**Asmt Generated Ind:**	No
Violation Issue Time:	1110	**Final Ord Issue Dt:**	09/17/2003
Violation Occur Dt:	11/08/2002	**Proposed Penalty:**	207
Violator Violation Cnt:	16	**Amount Due:**	207
Violator Insp Day Cnt:	19	**Amount Paid:**	207
Contractor ID:		**Bill Print Dt:**	08/05/2003
Cit Ord Safe:	Citation	**Last Action Cd:**	Paid
Orig Term Due Dt:		**Last Action Dt:**	10/02/2003
Orig Term Due Tm:		**Coal Metal Ind:**	M
Latest Term Due Dt:	11/08/2002	**Cal Yr:**	2002
Latest Term Due Tm:	1200	**Cal Qtr:**	4
Termination Dt:	11/15/2002	**Fiscal Yr:**	2003
Termination Time:	0930	**Fiscal Qtr:**	1
Termination Type:	Terminated	**Sig Sub:**	Yes
Vacate Dt:		**Section of Act:**	
Vacate Time:		**Part Section:**	56.14100(b)
Assess Case Stat Cd:	Closed	**Section of Act 1:**	104(a)
Docket No:		**Section of Act 2:**	
Docket Stat Cd:		**Contested Ind:**	No
Contested Dt:			

Event No:	1125578	**Initial Viol No:**	
Mine Name:	Guadalupe	**Replaced by Ord No:**	
Mine Type:	Surface	**Likelihood:**	Unlikely
Controller ID:	M11038	**Inj Illness:**	Fatal
Controller Name:	Estate of David(Sam) Johnson; Brad Johnson	**No Affected:**	1
Inspection Begin Dt:	01/25/2006	**Negligence:**	ModNegligence

Inspection End Dt:	01/26/2006	**Written Notice:**	
Violation No:	6379723	**Enforcement Area:**	
Violator ID:	L14461	**Special Assess:**	No
Violator Name:	California Rock & Asphalt Inc	**Primary or Mill:**	Primary
Violator Type CD:	Operator	**Right to Conf Dt:**	
Violation Issue Dt:	01/26/2006	**Asmt Generated Ind:**	No
Violation Issue Time:	1030	**Final Ord Issue Dt:**	04/19/2006
Violation Occur Dt:	01/26/2006	**Proposed Penalty:**	60
Violator Violation Cnt:	13	**Amount Due:**	60
Violator Insp Day Cnt:	13	**Amount Paid:**	60
Contractor ID:		**Bill Print Dt:**	03/07/2006
Cit Ord Safe:	Citation	**Last Action Cd:**	Paid
Orig Term Due Dt:	01/26/2006	**Last Action Dt:**	05/10/2006
Orig Term Due Tm:	1200	**Coal Metal Ind:**	M
Latest Term Due Dt:	01/26/2006	**Cal Yr:**	2006
Latest Term Due Tm:	1200	**Cal Qtr:**	1
Termination Dt:	01/26/2006	**Fiscal Yr:**	2006
Termination Time:	1045	**Fiscal Qtr:**	2
Termination Type:	Terminated	**Sig Sub:**	No
Vacate Dt:		**Section of Act:**	
Vacate Time:		**Part Section:**	56.12004
Assess Case Stat Cd:	Closed	**Section of Act 1:**	104(a)
Docket No:		**Section of Act 2:**	
Docket Stat Cd:		**Contested Ind:**	No
Contested Dt:			

Event No:	0614484	**Initial Viol No:**	
Mine Name:	Guadalupe	**Replaced by Ord No:**	
Mine Type:	Surface	**Likelihood:**	Unlikely
Controller ID:	M11038	**Inj Illness:**	LostDays
Controller Name:	Estate of David(Sam) Johnson; Brad Johnson	**No Affected:**	1
Inspection Begin Dt:	10/10/2000	**Negligence:**	ModNegligence
Inspection End Dt:	10/17/2000	**Written Notice:**	
Violation No:	7987477	**Enforcement Area:**	
Violator ID:	L14461	**Special Assess:**	No
Violator Name:	California Rock & Asphalt Inc	**Primary or Mill:**	Primary
Violator Type CD:	Operator	**Right to Conf Dt:**	10/11/2000
Violation Issue Dt:	10/11/2000	**Asmt Generated Ind:**	No
Violation Issue Time:	0920	**Final Ord Issue Dt:**	01/10/2001
Violation Occur Dt:	10/11/2000	**Proposed Penalty:**	55
Violator Violation Cnt:	0	**Amount Due:**	55
Violator Insp Day Cnt:	0	**Amount Paid:**	55
Contractor ID:		**Bill Print Dt:**	12/08/2000
Cit Ord Safe:	Citation	**Last Action Cd:**	Paid
Orig Term Due Dt:		**Last Action Dt:**	01/10/2001
Orig Term Due Tm:		**Coal Metal Ind:**	M
Latest Term Due Dt:	10/11/2000	**Cal Yr:**	2000
Latest Term Due Tm:	1600	**Cal Qtr:**	4
Termination Dt:	10/11/2000	**Fiscal Yr:**	2001
Termination Time:	1315	**Fiscal Qtr:**	1
Termination Type:	Terminated	**Sig Sub:**	No
Vacate Dt:		**Section of Act:**	
Vacate Time:		**Part Section:**	56.14107(a)
Assess Case Stat Cd:	Closed	**Section of Act 1:**	104(a)
Docket No:		**Section of Act 2:**	
Docket Stat Cd:		**Contested Ind:**	No
Contested Dt:			

Event No:	1139725	**Initial Viol No:**	
Mine Name:	Guadalupe	**Replaced by Ord No:**	
Mine Type:	Surface	**Likelihood:**	Unlikely
Controller ID:	0076453	**Inj Illness:**	Fatal
Controller Name:	Dan Evans; Wayne Evans	**No Affected:**	1
Inspection Begin Dt:	02/27/2008	**Negligence:**	ModNegligence
Inspection End Dt:	03/03/2008	**Written Notice:**	
Violation No:	6442570	**Enforcement Area:**	
Violator ID:	0091225	**Special Assess:**	No
Violator Name:	Evans Brothers Inc	**Primary or Mill:**	Primary
Violator Type CD:	Operator	**Right to Conf Dt:**	

Violation Issue Dt:	02/28/2008	**Asmt Generated Ind:**	No
Violation Issue Time:	1315	**Final Ord Issue Dt:**	09/12/2008
Violation Occur Dt:	02/28/2008	**Proposed Penalty:**	100
Violator Violation Cnt:	0	**Amount Due:**	100
Violator Insp Day Cnt:	4	**Amount Paid:**	100
Contractor ID:		**Bill Print Dt:**	08/06/2008
Cit Ord Safe:	Citation	**Last Action Cd:**	Paid
Orig Term Due Dt:	02/29/2008	**Last Action Dt:**	12/01/2008
Orig Term Due Tm:	1700	**Coal Metal Ind:**	M
Latest Term Due Dt:	02/29/2008	**Cal Yr:**	2008
Latest Term Due Tm:	1700	**Cal Qtr:**	1
Termination Dt:	03/03/2008	**Fiscal Yr:**	2008
Termination Time:	1415	**Fiscal Qtr:**	2
Termination Type:	Terminated	**Sig Sub:**	No
Vacate Dt:		**Section of Act:**	
Vacate Time:		**Part Section:**	56.12028
Assess Case Stat Cd:	Closed	**Section of Act 1:**	104(a)
Docket No:		**Section of Act 2:**	
Docket Stat Cd:		**Contested Ind:**	No
Contested Dt:			

Event No:	0646848	**Initial Viol No:**	
Mine Name:	Guadalupe	**Replaced by Ord No:**	
Mine Type:	Surface	**Likelihood:**	Reasonably
Controller ID:	M11038	**Inj Illness:**	Fatal
Controller Name:	Estate of David(Sam) Johnson; Brad Johnson	**No Affected:**	1
Inspection Begin Dt:	08/28/2002	**Negligence:**	ModNegligence
Inspection End Dt:	08/29/2002	**Written Notice:**	
Violation No:	6337557	**Enforcement Area:**	
Violator ID:	L14461	**Special Assess:**	No
Violator Name:	California Rock & Asphalt Inc	**Primary or Mill:**	Primary
Violator Type CD:	Operator	**Right to Conf Dt:**	08/28/2002
Violation Issue Dt:	08/28/2002	**Asmt Generated Ind:**	No
Violation Issue Time:	1020	**Final Ord Issue Dt:**	11/30/2002
Violation Occur Dt:	08/28/2002	**Proposed Penalty:**	242
Violator Violation Cnt:	0	**Amount Due:**	242
Violator Insp Day Cnt:	0	**Amount Paid:**	242
Contractor ID:		**Bill Print Dt:**	10/18/2002
Cit Ord Safe:	Citation	**Last Action Cd:**	Paid
Orig Term Due Dt:		**Last Action Dt:**	11/19/2002
Orig Term Due Tm:		**Coal Metal Ind:**	M
Latest Term Due Dt:	08/28/2002	**Cal Yr:**	2002
Latest Term Due Tm:	1100	**Cal Qtr:**	3
Termination Dt:	08/28/2002	**Fiscal Yr:**	2002
Termination Time:	1045	**Fiscal Qtr:**	4
Termination Type:	Terminated	**Sig Sub:**	Yes
Vacate Dt:		**Section of Act:**	
Vacate Time:		**Part Section:**	56.14107(a)
Assess Case Stat Cd:	Closed	**Section of Act 1:**	104(a)
Docket No:		**Section of Act 2:**	
Docket Stat Cd:		**Contested Ind:**	No
Contested Dt:			

Event No:	1155278	**Initial Viol No:**	
Mine Name:	Guadalupe	**Replaced by Ord No:**	
Mine Type:	Surface	**Likelihood:**	Unlikely
Controller ID:	0076453	**Inj Illness:**	Permanent
Controller Name:	Dan Evans; Wayne Evans	**No Affected:**	2
Inspection Begin Dt:	11/15/2011	**Negligence:**	LowNegligence
Inspection End Dt:	11/17/2011	**Written Notice:**	
Violation No:	8611193	**Enforcement Area:**	
Violator ID:	0091225	**Special Assess:**	No
Violator Name:	Evans Brothers Inc	**Primary or Mill:**	Primary
Violator Type CD:	Operator	**Right to Conf Dt:**	
Violation Issue Dt:	11/17/2011	**Asmt Generated Ind:**	No
Violation Issue Time:	1615	**Final Ord Issue Dt:**	02/16/2012
Violation Occur Dt:	11/15/2011	**Proposed Penalty:**	100
Violator Violation Cnt:	17	**Amount Due:**	100
Violator Insp Day Cnt:	7	**Amount Paid:**	100

Contractor ID:		**Bill Print Dt:**	01/11/2012
Cit Ord Safe:	Citation	**Last Action Cd:**	Paid
Orig Term Due Dt:	12/08/2011	**Last Action Dt:**	02/14/2012
Orig Term Due Tm:	0700	**Coal Metal Ind:**	M
Latest Term Due Dt:	12/13/2011	**Cal Yr:**	2011
Latest Term Due Tm:	1600	**Cal Qtr:**	4
Termination Dt:	12/19/2011	**Fiscal Yr:**	2012
Termination Time:	0937	**Fiscal Qtr:**	1
Termination Type:	Terminated	**Sig Sub:**	No
Vacate Dt:		**Section of Act:**	
Vacate Time:		**Part Section:**	62.120
Assess Case Stat Cd:	Closed	**Section of Act 1:**	104(a)
Docket No:		**Section of Act 2:**	
Docket Stat Cd:		**Contested Ind:**	No
Contested Dt:			

Event No:	0647061	**Initial Viol No:**	
Mine Name:	Guadalupe	**Replaced by Ord No:**	
Mine Type:	Surface	**Likelihood:**	Unlikely
Controller ID:	M11038	**Inj Illness:**	LostDays
Controller Name:	Estate of David(Sam) Johnson; Brad Johnson	**No Affected:**	1
Inspection Begin Dt:	05/29/2002	**Negligence:**	ModNegligence
Inspection End Dt:	05/30/2002	**Written Notice:**	
Violation No:	6333668	**Enforcement Area:**	
Violator ID:	L14461	**Special Assess:**	No
Violator Name:	California Rock & Asphalt Inc	**Primary or Mill:**	Primary
Violator Type CD:	Operator	**Right to Conf Dt:**	05/29/2002
Violation Issue Dt:	05/29/2002	**Asmt Generated Ind:**	No
Violation Issue Time:	1316	**Final Ord Issue Dt:**	08/06/2002
Violation Occur Dt:	05/29/2002	**Proposed Penalty:**	55
Violator Violation Cnt:	0	**Amount Due:**	55
Violator Insp Day Cnt:	0	**Amount Paid:**	55
Contractor ID:		**Bill Print Dt:**	07/05/2002
Cit Ord Safe:	Citation	**Last Action Cd:**	Paid
Orig Term Due Dt:		**Last Action Dt:**	08/06/2002
Orig Term Due Tm:		**Coal Metal Ind:**	M
Latest Term Due Dt:	05/30/2002	**Cal Yr:**	2002
Latest Term Due Tm:	1500	**Cal Qtr:**	2
Termination Dt:	05/30/2002	**Fiscal Yr:**	2002
Termination Time:	0936	**Fiscal Qtr:**	3
Termination Type:	Terminated	**Sig Sub:**	No
Vacate Dt:		**Section of Act:**	
Vacate Time:		**Part Section:**	56.14132(a)
Assess Case Stat Cd:	Closed	**Section of Act 1:**	104(a)
Docket No:		**Section of Act 2:**	
Docket Stat Cd:		**Contested Ind:**	No
Contested Dt:			

Event No:	6599437	**Initial Viol No:**	
Mine Name:	Guadalupe	**Replaced by Ord No:**	
Mine Type:	Surface	**Likelihood:**	Unlikely
Controller ID:	0118621	**Inj Illness:**	LostDays
Controller Name:	Dan Evans	**No Affected:**	1
Inspection Begin Dt:	11/18/2015	**Negligence:**	LowNegligence
Inspection End Dt:	11/25/2015	**Written Notice:**	
Violation No:	8785391	**Enforcement Area:**	
Violator ID:	0091225	**Special Assess:**	No
Violator Name:	Evans Brothers Inc	**Primary or Mill:**	Primary
Violator Type CD:	Operator	**Right to Conf Dt:**	
Violation Issue Dt:	11/19/2015	**Asmt Generated Ind:**	No
Violation Issue Time:	1028	**Final Ord Issue Dt:**	02/20/2016
Violation Occur Dt:	11/19/2015	**Proposed Penalty:**	100
Violator Violation Cnt:	7	**Amount Due:**	100
Violator Insp Day Cnt:	7	**Amount Paid:**	100
Contractor ID:		**Bill Print Dt:**	01/06/2016
Cit Ord Safe:	Citation	**Last Action Cd:**	Paid
Orig Term Due Dt:	11/19/2015	**Last Action Dt:**	01/19/2016
Orig Term Due Tm:	1200	**Coal Metal Ind:**	M
Latest Term Due Dt:	11/19/2015	**Cal Yr:**	2015

Latest Term Due Tm:	1200	**Cal Qtr:**	4
Termination Dt:	11/19/2015	**Fiscal Yr:**	2016
Termination Time:	1102	**Fiscal Qtr:**	1
Termination Type:	Terminated	**Sig Sub:**	No
Vacate Dt:		**Section of Act:**	
Vacate Time:		**Part Section:**	56.4201(a)(2)
Assess Case Stat Cd:	Closed	**Section of Act 1:**	104(a)
Docket No:		**Section of Act 2:**	
Docket Stat Cd:		**Contested Ind:**	No
Contested Dt:			

Event No:	1155070	**Initial Viol No:**	
Mine Name:	Guadalupe	**Replaced by Ord No:**	
Mine Type:	Surface	**Likelihood:**	Unlikely
Controller ID:	0076453	**Inj Illness:**	LostDays
Controller Name:	Dan Evans; Wayne Evans	**No Affected:**	1
Inspection Begin Dt:	08/24/2010	**Negligence:**	ModNegligence
Inspection End Dt:	08/25/2010	**Written Notice:**	
Violation No:	8561455	**Enforcement Area:**	
Violator ID:	0091225	**Special Assess:**	No
Violator Name:	Evans Brothers Inc	**Primary or Mill:**	Primary
Violator Type CD:	Operator	**Right to Conf Dt:**	
Violation Issue Dt:	08/24/2010	**Asmt Generated Ind:**	No
Violation Issue Time:	1105	**Final Ord Issue Dt:**	11/10/2010
Violation Occur Dt:	08/24/2010	**Proposed Penalty:**	100
Violator Violation Cnt:	6	**Amount Due:**	100
Violator Insp Day Cnt:	3	**Amount Paid:**	100
Contractor ID:		**Bill Print Dt:**	10/06/2010
Cit Ord Safe:	Citation	**Last Action Cd:**	Paid
Orig Term Due Dt:	08/25/2010	**Last Action Dt:**	12/10/2010
Orig Term Due Tm:	0800	**Coal Metal Ind:**	M
Latest Term Due Dt:	08/25/2010	**Cal Yr:**	2010
Latest Term Due Tm:	0800	**Cal Qtr:**	3
Termination Dt:	08/25/2010	**Fiscal Yr:**	2010
Termination Time:	0930	**Fiscal Qtr:**	4
Termination Type:	Terminated	**Sig Sub:**	No
Vacate Dt:		**Section of Act:**	
Vacate Time:		**Part Section:**	56.14101(a)(2)
Assess Case Stat Cd:	Closed	**Section of Act 1:**	104(a)
Docket No:		**Section of Act 2:**	
Docket Stat Cd:		**Contested Ind:**	No
Contested Dt:			

Event No:	1121398	**Initial Viol No:**	
Mine Name:	Guadalupe	**Replaced by Ord No:**	
Mine Type:	Surface	**Likelihood:**	Unlikely
Controller ID:	M11038	**Inj Illness:**	Fatal
Controller Name:	Estate of David(Sam) Johnson; Brad Johnson	**No Affected:**	1
Inspection Begin Dt:	12/01/2004	**Negligence:**	ModNegligence
Inspection End Dt:	12/03/2004	**Written Notice:**	
Violation No:	6366870	**Enforcement Area:**	
Violator ID:	L14461	**Special Assess:**	No
Violator Name:	California Rock & Asphalt Inc	**Primary or Mill:**	Primary
Violator Type CD:	Operator	**Right to Conf Dt:**	12/01/2004
Violation Issue Dt:	12/01/2004	**Asmt Generated Ind:**	No
Violation Issue Time:	1045	**Final Ord Issue Dt:**	05/19/2005
Violation Occur Dt:	12/01/2004	**Proposed Penalty:**	60
Violator Violation Cnt:	36	**Amount Due:**	60
Violator Insp Day Cnt:	18	**Amount Paid:**	60
Contractor ID:		**Bill Print Dt:**	03/08/2005
Cit Ord Safe:	Citation	**Last Action Cd:**	Paid
Orig Term Due Dt:		**Last Action Dt:**	10/12/2005
Orig Term Due Tm:		**Coal Metal Ind:**	M
Latest Term Due Dt:	12/01/2004	**Cal Yr:**	2004
Latest Term Due Tm:	1600	**Cal Qtr:**	4
Termination Dt:	12/03/2004	**Fiscal Yr:**	2005
Termination Time:	1119	**Fiscal Qtr:**	1
Termination Type:	Terminated	**Sig Sub:**	No
Vacate Dt:		**Section of Act:**	

Vacate Time:		**Part Section:**	56.14132(a)
Assess Case Stat Cd:	Closed	**Section of Act 1:**	104(a)
Docket No:		**Section of Act 2:**	
Docket Stat Cd:		**Contested Ind:**	No
Contested Dt:			

Event No:	6663793	**Initial Viol No:**	
Mine Name:	Guadalupe	**Replaced by Ord No:**	
Mine Type:	Surface	**Likelihood:**	Unlikely
Controller ID:	0118621	**Inj Illness:**	Fatal
Controller Name:	Dan Evans	**No Affected:**	1
Inspection Begin Dt:	02/09/2017	**Negligence:**	ModNegligence
Inspection End Dt:	02/09/2017	**Written Notice:**	
Violation No:	8991135	**Enforcement Area:**	
Violator ID:	0091225	**Special Assess:**	No
Violator Name:	Evans Brothers Inc	**Primary or Mill:**	Primary
Violator Type CD:	Operator	**Right to Conf Dt:**	
Violation Issue Dt:	02/09/2017	**Asmt Generated Ind:**	No
Violation Issue Time:	1110	**Final Ord Issue Dt:**	05/20/2017
Violation Occur Dt:	02/09/2017	**Proposed Penalty:**	116
Violator Violation Cnt:	6	**Amount Due:**	116
Violator Insp Day Cnt:	8	**Amount Paid:**	116
Contractor ID:		**Bill Print Dt:**	04/05/2017
Cit Ord Safe:	Citation	**Last Action Cd:**	Paid
Orig Term Due Dt:	02/09/2017	**Last Action Dt:**	04/18/2017
Orig Term Due Tm:	1130	**Coal Metal Ind:**	M
Latest Term Due Dt:	02/09/2017	**Cal Yr:**	2017
Latest Term Due Tm:	1130	**Cal Qtr:**	1
Termination Dt:	02/09/2017	**Fiscal Yr:**	2017
Termination Time:	1115	**Fiscal Qtr:**	2
Termination Type:	Terminated	**Sig Sub:**	No
Vacate Dt:		**Section of Act:**	
Vacate Time:		**Part Section:**	56.12004
Assess Case Stat Cd:	Closed	**Section of Act 1:**	104(a)
Docket No:		**Section of Act 2:**	
Docket Stat Cd:		**Contested Ind:**	No
Contested Dt:			

Event No:	1155278	**Initial Viol No:**	
Mine Name:	Guadalupe	**Replaced by Ord No:**	
Mine Type:	Surface	**Likelihood:**	NoLikelihood
Controller ID:	0076453	**Inj Illness:**	NoLostDays
Controller Name:	Dan Evans; Wayne Evans	**No Affected:**	2
Inspection Begin Dt:	11/15/2011	**Negligence:**	ModNegligence
Inspection End Dt:	11/17/2011	**Written Notice:**	
Violation No:	8611188	**Enforcement Area:**	
Violator ID:	0091225	**Special Assess:**	No
Violator Name:	Evans Brothers Inc	**Primary or Mill:**	Primary
Violator Type CD:	Operator	**Right to Conf Dt:**	
Violation Issue Dt:	11/15/2011	**Asmt Generated Ind:**	No
Violation Issue Time:	1555	**Final Ord Issue Dt:**	10/23/2013
Violation Occur Dt:	11/15/2011	**Proposed Penalty:**	100
Violator Violation Cnt:	17	**Amount Due:**	100
Violator Insp Day Cnt:	7	**Amount Paid:**	100
Contractor ID:		**Bill Print Dt:**	01/11/2012
Cit Ord Safe:	Citation	**Last Action Cd:**	Paid
Orig Term Due Dt:	11/16/2011	**Last Action Dt:**	07/23/2014
Orig Term Due Tm:	1600	**Coal Metal Ind:**	M
Latest Term Due Dt:	11/16/2011	**Cal Yr:**	2011
Latest Term Due Tm:	1600	**Cal Qtr:**	4
Termination Dt:	11/21/2011	**Fiscal Yr:**	2012
Termination Time:	1224	**Fiscal Qtr:**	1
Termination Type:	Terminated	**Sig Sub:**	No
Vacate Dt:		**Section of Act:**	
Vacate Time:		**Part Section:**	46.9(a)
Assess Case Stat Cd:	Closed	**Section of Act 1:**	104(a)
Docket No:		**Section of Act 2:**	
Docket Stat Cd:		**Contested Ind:**	No
Contested Dt:			

Event No:	1139725	**Initial Viol No:**	
Mine Name:	Guadalupe	**Replaced by Ord No:**	
Mine Type:	Surface	**Likelihood:**	Unlikely
Controller ID:	0076453	**Inj Illness:**	LostDays
Controller Name:	Dan Evans; Wayne Evans	**No Affected:**	1
Inspection Begin Dt:	02/27/2008	**Negligence:**	ModNegligence
Inspection End Dt:	03/03/2008	**Written Notice:**	
Violation No:	6442561	**Enforcement Area:**	
Violator ID:	0091225	**Special Assess:**	No
Violator Name:	Evans Brothers Inc	**Primary or Mill:**	Primary
Violator Type CD:	Operator	**Right to Conf Dt:**	
Violation Issue Dt:	02/27/2008	**Asmt Generated Ind:**	No
Violation Issue Time:	1115	**Final Ord Issue Dt:**	09/12/2008
Violation Occur Dt:	02/27/2008	**Proposed Penalty:**	100
Violator Violation Cnt:	0	**Amount Due:**	100
Violator Insp Day Cnt:	3	**Amount Paid:**	100
Contractor ID:		**Bill Print Dt:**	08/06/2008
Cit Ord Safe:	Citation	**Last Action Cd:**	Paid
Orig Term Due Dt:	02/28/2008	**Last Action Dt:**	12/01/2008
Orig Term Due Tm:	1530	**Coal Metal Ind:**	M
Latest Term Due Dt:	02/28/2008	**Cal Yr:**	2008
Latest Term Due Tm:	1530	**Cal Qtr:**	1
Termination Dt:	02/28/2008	**Fiscal Yr:**	2008
Termination Time:	1045	**Fiscal Qtr:**	2
Termination Type:	Terminated	**Sig Sub:**	No
Vacate Dt:		**Section of Act:**	
Vacate Time:		**Part Section:**	56.14101(a)(2)
Assess Case Stat Cd:	Closed	**Section of Act 1:**	104(a)
Docket No:		**Section of Act 2:**	
Docket Stat Cd:		**Contested Ind:**	No
Contested Dt:			

Event No:	6599456	**Initial Viol No:**	
Mine Name:	Guadalupe	**Replaced by Ord No:**	
Mine Type:	Surface	**Likelihood:**	Unlikely
Controller ID:	0118621	**Inj Illness:**	Fatal
Controller Name:	Dan Evans	**No Affected:**	1
Inspection Begin Dt:	04/07/2016	**Negligence:**	ModNegligence
Inspection End Dt:	04/13/2016	**Written Notice:**	
Violation No:	8785443	**Enforcement Area:**	
Violator ID:	0091225	**Special Assess:**	No
Violator Name:	Evans Brothers Inc	**Primary or Mill:**	Primary
Violator Type CD:	Operator	**Right to Conf Dt:**	
Violation Issue Dt:	04/12/2016	**Asmt Generated Ind:**	No
Violation Issue Time:	1032	**Final Ord Issue Dt:**	07/23/2016
Violation Occur Dt:	04/12/2016	**Proposed Penalty:**	100
Violator Violation Cnt:	8	**Amount Due:**	100
Violator Insp Day Cnt:	9	**Amount Paid:**	100
Contractor ID:		**Bill Print Dt:**	06/08/2016
Cit Ord Safe:	Citation	**Last Action Cd:**	Paid
Orig Term Due Dt:	04/12/2016	**Last Action Dt:**	06/22/2016
Orig Term Due Tm:	1200	**Coal Metal Ind:**	M
Latest Term Due Dt:	04/12/2016	**Cal Yr:**	2016
Latest Term Due Tm:	1200	**Cal Qtr:**	2
Termination Dt:	04/12/2016	**Fiscal Yr:**	2016
Termination Time:	1120	**Fiscal Qtr:**	3
Termination Type:	Terminated	**Sig Sub:**	No
Vacate Dt:		**Section of Act:**	
Vacate Time:		**Part Section:**	56.12018
Assess Case Stat Cd:	Closed	**Section of Act 1:**	104(a)
Docket No:		**Section of Act 2:**	
Docket Stat Cd:		**Contested Ind:**	No
Contested Dt:			

Event No:	0614589	**Initial Viol No:**	
Mine Name:	Guadalupe	**Replaced by Ord No:**	
Mine Type:	Surface	**Likelihood:**	Reasonably
Controller ID:	M11038	**Inj Illness:**	Permanent

Controller Name:	Estate of David(Sam) Johnson; Brad Johnson	**No Affected:**	1
Inspection Begin Dt:	02/24/2000	**Negligence:**	ModNegligence
Inspection End Dt:	03/03/2000	**Written Notice:**	
Violation No:	7972868	**Enforcement Area:**	
Violator ID:	L14461	**Special Assess:**	No
Violator Name:	California Rock & Asphalt Inc	**Primary or Mill:**	Primary
Violator Type CD:	Operator	**Right to Conf Dt:**	02/24/2000
Violation Issue Dt:	02/24/2000	**Asmt Generated Ind:**	No
Violation Issue Time:	1320	**Final Ord Issue Dt:**	05/03/2000
Violation Occur Dt:	02/24/2000	**Proposed Penalty:**	224
Violator Violation Cnt:	0	**Amount Due:**	224
Violator Insp Day Cnt:	0	**Amount Paid:**	224
Contractor ID:		**Bill Print Dt:**	04/05/2000
Cit Ord Safe:	Citation	**Last Action Cd:**	Paid
Orig Term Due Dt:		**Last Action Dt:**	05/03/2000
Orig Term Due Tm:		**Coal Metal Ind:**	M
Latest Term Due Dt:	02/25/2000	**Cal Yr:**	2000
Latest Term Due Tm:	0800	**Cal Qtr:**	1
Termination Dt:	03/02/2000	**Fiscal Yr:**	2000
Termination Time:	1330	**Fiscal Qtr:**	2
Termination Type:	Terminated	**Sig Sub:**	Yes
Vacate Dt:		**Section of Act:**	
Vacate Time:		**Part Section:**	56.14100(b)
Assess Case Stat Cd:	Closed	**Section of Act 1:**	104(a)
Docket No:		**Section of Act 2:**	
Docket Stat Cd:		**Contested Ind:**	No
Contested Dt:			

Event No:	0614484	**Initial Viol No:**	
Mine Name:	Guadalupe	**Replaced by Ord No:**	
Mine Type:	Surface	**Likelihood:**	Reasonably
Controller ID:	M11038	**Inj Illness:**	NoLostDays
Controller Name:	Estate of David(Sam) Johnson; Brad Johnson	**No Affected:**	1
Inspection Begin Dt:	10/10/2000	**Negligence:**	LowNegligence
Inspection End Dt:	10/17/2000	**Written Notice:**	
Violation No:	7987482	**Enforcement Area:**	
Violator ID:	L14461	**Special Assess:**	No
Violator Name:	California Rock & Asphalt Inc	**Primary or Mill:**	Primary
Violator Type CD:	Operator	**Right to Conf Dt:**	10/11/2000
Violation Issue Dt:	10/11/2000	**Asmt Generated Ind:**	No
Violation Issue Time:	1240	**Final Ord Issue Dt:**	01/10/2001
Violation Occur Dt:	10/11/2000	**Proposed Penalty:**	55
Violator Violation Cnt:	0	**Amount Due:**	55
Violator Insp Day Cnt:	0	**Amount Paid:**	55
Contractor ID:		**Bill Print Dt:**	12/08/2000
Cit Ord Safe:	Citation	**Last Action Cd:**	Paid
Orig Term Due Dt:		**Last Action Dt:**	01/10/2001
Orig Term Due Tm:		**Coal Metal Ind:**	M
Latest Term Due Dt:	10/11/2000	**Cal Yr:**	2000
Latest Term Due Tm:	1300	**Cal Qtr:**	4
Termination Dt:	10/11/2000	**Fiscal Yr:**	2001
Termination Time:	1300	**Fiscal Qtr:**	1
Termination Type:	Terminated	**Sig Sub:**	No
Vacate Dt:		**Section of Act:**	
Vacate Time:		**Part Section:**	56.14115(b)
Assess Case Stat Cd:	Closed	**Section of Act 1:**	104(a)
Docket No:		**Section of Act 2:**	
Docket Stat Cd:		**Contested Ind:**	No
Contested Dt:			

Event No:	1139074	**Initial Viol No:**	
Mine Name:	Guadalupe	**Replaced by Ord No:**	
Mine Type:	Surface	**Likelihood:**	Unlikely
Controller ID:		**Inj Illness:**	Permanent
Controller Name:		**No Affected:**	1
Inspection Begin Dt:	09/11/2007	**Negligence:**	ModNegligence
Inspection End Dt:	09/18/2007	**Written Notice:**	
Violation No:	7958718	**Enforcement Area:**	
Violator ID:	N261	**Special Assess:**	No

Violator Name:	Evans Brothers Inc	**Primary or Mill:**	Primary
Violator Type CD:	Contractor	**Right to Conf Dt:**	
Violation Issue Dt:	09/11/2007	**Asmt Generated Ind:**	No
Violation Issue Time:	1330	**Final Ord Issue Dt:**	11/28/2007
Violation Occur Dt:	09/11/2007	**Proposed Penalty:**	100
Violator Violation Cnt:	0	**Amount Due:**	100
Violator Insp Day Cnt:	0	**Amount Paid:**	100
Contractor ID:	N261	**Bill Print Dt:**	10/23/2007
Cit Ord Safe:	Citation	**Last Action Cd:**	Paid
Orig Term Due Dt:	09/12/2007	**Last Action Dt:**	02/27/2009
Orig Term Due Tm:	0800	**Coal Metal Ind:**	M
Latest Term Due Dt:	09/12/2007	**Cal Yr:**	2007
Latest Term Due Tm:	0800	**Cal Qtr:**	3
Termination Dt:	09/18/2007	**Fiscal Yr:**	2007
Termination Time:	0741	**Fiscal Qtr:**	4
Termination Type:	Terminated	**Sig Sub:**	No
Vacate Dt:		**Section of Act:**	
Vacate Time:		**Part Section:**	56.14107(a)
Assess Case Stat Cd:	Closed	**Section of Act 1:**	104(a)
Docket No:		**Section of Act 2:**	
Docket Stat Cd:		**Contested Ind:**	No
Contested Dt:			

Event No:	1121020	**Initial Viol No:**	
Mine Name:	Guadalupe	**Replaced by Ord No:**	
Mine Type:	Surface	**Likelihood:**	Unlikely
Controller ID:	M11038	**Inj Illness:**	LostDays
Controller Name:	Estate of David(Sam) Johnson; Brad Johnson	**No Affected:**	1
Inspection Begin Dt:	10/06/2003	**Negligence:**	LowNegligence
Inspection End Dt:	10/08/2003	**Written Notice:**	
Violation No:	6348355	**Enforcement Area:**	
Violator ID:	L14461	**Special Assess:**	No
Violator Name:	California Rock & Asphalt Inc	**Primary or Mill:**	Primary
Violator Type CD:	Operator	**Right to Conf Dt:**	10/07/2003
Violation Issue Dt:	10/07/2003	**Asmt Generated Ind:**	No
Violation Issue Time:	0950	**Final Ord Issue Dt:**	03/05/2004
Violation Occur Dt:	10/07/2003	**Proposed Penalty:**	60
Violator Violation Cnt:	40	**Amount Due:**	60
Violator Insp Day Cnt:	21	**Amount Paid:**	60
Contractor ID:		**Bill Print Dt:**	01/06/2004
Cit Ord Safe:	Citation	**Last Action Cd:**	Paid
Orig Term Due Dt:		**Last Action Dt:**	02/09/2004
Orig Term Due Tm:		**Coal Metal Ind:**	M
Latest Term Due Dt:	10/07/2003	**Cal Yr:**	2003
Latest Term Due Tm:	1200	**Cal Qtr:**	4
Termination Dt:	10/07/2003	**Fiscal Yr:**	2004
Termination Time:	1000	**Fiscal Qtr:**	1
Termination Type:	Terminated	**Sig Sub:**	No
Vacate Dt:		**Section of Act:**	
Vacate Time:		**Part Section:**	56.12004
Assess Case Stat Cd:	Closed	**Section of Act 1:**	104(a)
Docket No:		**Section of Act 2:**	
Docket Stat Cd:		**Contested Ind:**	No
Contested Dt:			

Event No:	1139074	**Initial Viol No:**	
Mine Name:	Guadalupe	**Replaced by Ord No:**	
Mine Type:	Surface	**Likelihood:**	Reasonably
Controller ID:		**Inj Illness:**	LostDays
Controller Name:		**No Affected:**	1
Inspection Begin Dt:	09/11/2007	**Negligence:**	ModNegligence
Inspection End Dt:	09/18/2007	**Written Notice:**	
Violation No:	7958716	**Enforcement Area:**	
Violator ID:	N261	**Special Assess:**	No
Violator Name:	Evans Brothers Inc	**Primary or Mill:**	Primary
Violator Type CD:	Contractor	**Right to Conf Dt:**	
Violation Issue Dt:	09/11/2007	**Asmt Generated Ind:**	No
Violation Issue Time:	1206	**Final Ord Issue Dt:**	11/28/2007
Violation Occur Dt:	09/11/2007	**Proposed Penalty:**	100

Violator Violation Cnt:	0	**Amount Due:**	100
Violator Insp Day Cnt:	0	**Amount Paid:**	100
Contractor ID:	N261	**Bill Print Dt:**	10/23/2007
Cit Ord Safe:	Citation	**Last Action Cd:**	Paid
Orig Term Due Dt:	09/11/2007	**Last Action Dt:**	01/03/2008
Orig Term Due Tm:	1630	**Coal Metal Ind:**	M
Latest Term Due Dt:	09/11/2007	**Cal Yr:**	2007
Latest Term Due Tm:	1630	**Cal Qtr:**	3
Termination Dt:	09/18/2007	**Fiscal Yr:**	2007
Termination Time:	0727	**Fiscal Qtr:**	4
Termination Type:	Terminated	**Sig Sub:**	Yes
Vacate Dt:		**Section of Act:**	
Vacate Time:		**Part Section:**	56.11001
Assess Case Stat Cd:	Closed	**Section of Act 1:**	104(a)
Docket No:		**Section of Act 2:**	
Docket Stat Cd:		**Contested Ind:**	No
Contested Dt:			

Event No:	1121020	**Initial Viol No:**	
Mine Name:	Guadalupe	**Replaced by Ord No:**	
Mine Type:	Surface	**Likelihood:**	Unlikely
Controller ID:		**Inj Illness:**	LostDays
Controller Name:		**No Affected:**	1
Inspection Begin Dt:	10/06/2003	**Negligence:**	ModNegligence
Inspection End Dt:	10/08/2003	**Written Notice:**	
Violation No:	6348350	**Enforcement Area:**	
Violator ID:	DPB	**Special Assess:**	No
Violator Name:	Alpha Explosives	**Primary or Mill:**	Primary
Violator Type CD:	Contractor	**Right to Conf Dt:**	10/07/2003
Violation Issue Dt:	10/07/2003	**Asmt Generated Ind:**	No
Violation Issue Time:	0650	**Final Ord Issue Dt:**	01/07/2004
Violation Occur Dt:	10/07/2003	**Proposed Penalty:**	60
Violator Violation Cnt:	2	**Amount Due:**	60
Violator Insp Day Cnt:	0	**Amount Paid:**	60
Contractor ID:	DPB	**Bill Print Dt:**	11/18/2003
Cit Ord Safe:	Citation	**Last Action Cd:**	Paid
Orig Term Due Dt:		**Last Action Dt:**	12/05/2003
Orig Term Due Tm:		**Coal Metal Ind:**	M
Latest Term Due Dt:	10/08/2003	**Cal Yr:**	2003
Latest Term Due Tm:	0900	**Cal Qtr:**	4
Termination Dt:	10/08/2003	**Fiscal Yr:**	2004
Termination Time:	0930	**Fiscal Qtr:**	1
Termination Type:	Terminated	**Sig Sub:**	No
Vacate Dt:		**Section of Act:**	
Vacate Time:		**Part Section:**	56.6132(a)(7)
Assess Case Stat Cd:	Closed	**Section of Act 1:**	104(a)
Docket No:		**Section of Act 2:**	
Docket Stat Cd:		**Contested Ind:**	No
Contested Dt:			

Event No:	1155278	**Initial Viol No:**	
Mine Name:	Guadalupe	**Replaced by Ord No:**	
Mine Type:	Surface	**Likelihood:**	Unlikely
Controller ID:	0076453	**Inj Illness:**	Fatal
Controller Name:	Dan Evans; Wayne Evans	**No Affected:**	1
Inspection Begin Dt:	11/15/2011	**Negligence:**	ModNegligence
Inspection End Dt:	11/17/2011	**Written Notice:**	
Violation No:	8611185	**Enforcement Area:**	
Violator ID:	0091225	**Special Assess:**	No
Violator Name:	Evans Brothers Inc	**Primary or Mill:**	Primary
Violator Type CD:	Operator	**Right to Conf Dt:**	
Violation Issue Dt:	11/15/2011	**Asmt Generated Ind:**	No
Violation Issue Time:	1130	**Final Ord Issue Dt:**	10/23/2013
Violation Occur Dt:	11/15/2011	**Proposed Penalty:**	425
Violator Violation Cnt:	17	**Amount Due:**	425
Violator Insp Day Cnt:	7	**Amount Paid:**	425
Contractor ID:		**Bill Print Dt:**	01/11/2012
Cit Ord Safe:	Citation	**Last Action Cd:**	Paid
Orig Term Due Dt:	11/15/2011	**Last Action Dt:**	07/23/2014

Orig Term Due Tm:	1230	**Coal Metal Ind:**	M
Latest Term Due Dt:	11/15/2011	**Cal Yr:**	2011
Latest Term Due Tm:	1230	**Cal Qtr:**	4
Termination Dt:	11/15/2011	**Fiscal Yr:**	2012
Termination Time:	1245	**Fiscal Qtr:**	1
Termination Type:	Terminated	**Sig Sub:**	No
Vacate Dt:		**Section of Act:**	
Vacate Time:		**Part Section:**	56.12004
Assess Case Stat Cd:	Closed	**Section of Act 1:**	104(a)
Docket No:		**Section of Act 2:**	
Docket Stat Cd:		**Contested Ind:**	No
Contested Dt:			

Event No:	1155278	**Initial Viol No:**	
Mine Name:	Guadalupe	**Replaced by Ord No:**	
Mine Type:	Surface	**Likelihood:**	Unlikely
Controller ID:	0076453	**Inj Illness:**	Fatal
Controller Name:	Dan Evans; Wayne Evans	**No Affected:**	1
Inspection Begin Dt:	11/15/2011	**Negligence:**	ModNegligence
Inspection End Dt:	11/17/2011	**Written Notice:**	
Violation No:	8611189	**Enforcement Area:**	
Violator ID:	0091225	**Special Assess:**	No
Violator Name:	Evans Brothers Inc	**Primary or Mill:**	Primary
Violator Type CD:	Operator	**Right to Conf Dt:**	
Violation Issue Dt:	11/15/2011	**Asmt Generated Ind:**	No
Violation Issue Time:	1735	**Final Ord Issue Dt:**	10/23/2013
Violation Occur Dt:	11/15/2011	**Proposed Penalty:**	425
Violator Violation Cnt:	17	**Amount Due:**	425
Violator Insp Day Cnt:	7	**Amount Paid:**	425
Contractor ID:		**Bill Print Dt:**	01/11/2012
Cit Ord Safe:	Citation	**Last Action Cd:**	Paid
Orig Term Due Dt:	11/16/2011	**Last Action Dt:**	07/23/2014
Orig Term Due Tm:	1200	**Coal Metal Ind:**	M
Latest Term Due Dt:	11/16/2011	**Cal Yr:**	2011
Latest Term Due Tm:	1200	**Cal Qtr:**	4
Termination Dt:	11/21/2011	**Fiscal Yr:**	2012
Termination Time:	1227	**Fiscal Qtr:**	1
Termination Type:	Terminated	**Sig Sub:**	No
Vacate Dt:		**Section of Act:**	
Vacate Time:		**Part Section:**	56.12028
Assess Case Stat Cd:	Closed	**Section of Act 1:**	104(a)
Docket No:		**Section of Act 2:**	
Docket Stat Cd:		**Contested Ind:**	No
Contested Dt:			

Event No:	1155278	**Initial Viol No:**	
Mine Name:	Guadalupe	**Replaced by Ord No:**	
Mine Type:	Surface	**Likelihood:**	Highly
Controller ID:	0076453	**Inj Illness:**	Fatal
Controller Name:	Dan Evans; Wayne Evans	**No Affected:**	1
Inspection Begin Dt:	11/15/2011	**Negligence:**	LowNegligence
Inspection End Dt:	11/17/2011	**Written Notice:**	
Violation No:	8611181	**Enforcement Area:**	
Violator ID:	0091225	**Special Assess:**	Yes
Violator Name:	Evans Brothers Inc	**Primary or Mill:**	Primary
Violator Type CD:	Operator	**Right to Conf Dt:**	
Violation Issue Dt:	11/15/2011	**Asmt Generated Ind:**	No
Violation Issue Time:	0750	**Final Ord Issue Dt:**	10/23/2013
Violation Occur Dt:	11/15/2011	**Proposed Penalty:**	5211
Violator Violation Cnt:	17	**Amount Due:**	2106
Violator Insp Day Cnt:	7	**Amount Paid:**	2106
Contractor ID:		**Bill Print Dt:**	01/11/2012
Cit Ord Safe:	Citation	**Last Action Cd:**	Paid
Orig Term Due Dt:		**Last Action Dt:**	07/23/2014
Orig Term Due Tm:		**Coal Metal Ind:**	M
Latest Term Due Dt:		**Cal Yr:**	2011
Latest Term Due Tm:		**Cal Qtr:**	4
Termination Dt:	11/15/2011	**Fiscal Yr:**	2012
Termination Time:	0805	**Fiscal Qtr:**	1

Termination Type:	Terminated	**Sig Sub:**	Yes
Vacate Dt:		**Section of Act:**	
Vacate Time:		**Part Section:**	56.15005
Assess Case Stat Cd:	Closed	**Section of Act 1:**	104(a)
Docket No:		**Section of Act 2:**	
Docket Stat Cd:		**Contested Ind:**	No
Contested Dt:			

Event No:	0614484	**Initial Viol No:**	
Mine Name:	Guadalupe	**Replaced by Ord No:**	
Mine Type:	Surface	**Likelihood:**	Unlikely
Controller ID:	M11038	**Inj Illness:**	Permanent
Controller Name:	Estate of David(Sam) Johnson; Brad Johnson	**No Affected:**	1
Inspection Begin Dt:	10/10/2000	**Negligence:**	LowNegligence
Inspection End Dt:	10/17/2000	**Written Notice:**	
Violation No:	7987478	**Enforcement Area:**	
Violator ID:	L14461	**Special Assess:**	No
Violator Name:	California Rock & Asphalt Inc	**Primary or Mill:**	Primary
Violator Type CD:	Operator	**Right to Conf Dt:**	10/11/2000
Violation Issue Dt:	10/11/2000	**Asmt Generated Ind:**	No
Violation Issue Time:	1015	**Final Ord Issue Dt:**	01/10/2001
Violation Occur Dt:	10/11/2000	**Proposed Penalty:**	55
Violator Violation Cnt:	0	**Amount Due:**	55
Violator Insp Day Cnt:	0	**Amount Paid:**	55
Contractor ID:		**Bill Print Dt:**	12/08/2000
Cit Ord Safe:	Citation	**Last Action Cd:**	Paid
Orig Term Due Dt:		**Last Action Dt:**	01/10/2001
Orig Term Due Tm:		**Coal Metal Ind:**	M
Latest Term Due Dt:	10/11/2000	**Cal Yr:**	2000
Latest Term Due Tm:	1600	**Cal Qtr:**	4
Termination Dt:	10/11/2000	**Fiscal Yr:**	2001
Termination Time:	1315	**Fiscal Qtr:**	1
Termination Type:	Terminated	**Sig Sub:**	No
Vacate Dt:		**Section of Act:**	
Vacate Time:		**Part Section:**	56.14132(a)
Assess Case Stat Cd:	Closed	**Section of Act 1:**	104(a)
Docket No:		**Section of Act 2:**	
Docket Stat Cd:		**Contested Ind:**	No
Contested Dt:			

Event No:	0646848	**Initial Viol No:**	
Mine Name:	Guadalupe	**Replaced by Ord No:**	
Mine Type:	Surface	**Likelihood:**	Unlikely
Controller ID:	M11038	**Inj Illness:**	Permanent
Controller Name:	Estate of David(Sam) Johnson; Brad Johnson	**No Affected:**	1
Inspection Begin Dt:	08/28/2002	**Negligence:**	ModNegligence
Inspection End Dt:	08/29/2002	**Written Notice:**	
Violation No:	6337563	**Enforcement Area:**	
Violator ID:	L14461	**Special Assess:**	No
Violator Name:	California Rock & Asphalt Inc	**Primary or Mill:**	Primary
Violator Type CD:	Operator	**Right to Conf Dt:**	08/28/2002
Violation Issue Dt:	08/28/2002	**Asmt Generated Ind:**	No
Violation Issue Time:	1215	**Final Ord Issue Dt:**	11/30/2002
Violation Occur Dt:	08/28/2002	**Proposed Penalty:**	55
Violator Violation Cnt:	0	**Amount Due:**	55
Violator Insp Day Cnt:	0	**Amount Paid:**	55
Contractor ID:		**Bill Print Dt:**	10/18/2002
Cit Ord Safe:	Citation	**Last Action Cd:**	Paid
Orig Term Due Dt:		**Last Action Dt:**	11/19/2002
Orig Term Due Tm:		**Coal Metal Ind:**	M
Latest Term Due Dt:	08/29/2002	**Cal Yr:**	2002
Latest Term Due Tm:	0800	**Cal Qtr:**	3
Termination Dt:	08/28/2002	**Fiscal Yr:**	2002
Termination Time:	1330	**Fiscal Qtr:**	4
Termination Type:	Terminated	**Sig Sub:**	No
Vacate Dt:		**Section of Act:**	
Vacate Time:		**Part Section:**	56.4101
Assess Case Stat Cd:	Closed	**Section of Act 1:**	104(a)
Docket No:		**Section of Act 2:**	

Docket Stat Cd:		**Contested Ind:**	No
Contested Dt:			

Event No:	0647047	**Initial Viol No:**	
Mine Name:	Guadalupe	**Replaced by Ord No:**	
Mine Type:	Surface	**Likelihood:**	Reasonably
Controller ID:	M11038	**Inj Illness:**	Fatal
Controller Name:	Estate of David(Sam) Johnson; Brad Johnson	**No Affected:**	1
Inspection Begin Dt:	03/11/2003	**Negligence:**	ModNegligence
Inspection End Dt:	03/14/2003	**Written Notice:**	
Violation No:	6353002	**Enforcement Area:**	
Violator ID:	L14461	**Special Assess:**	No
Violator Name:	California Rock & Asphalt Inc	**Primary or Mill:**	Primary
Violator Type CD:	Operator	**Right to Conf Dt:**	03/12/2003
Violation Issue Dt:	03/12/2003	**Asmt Generated Ind:**	No
Violation Issue Time:	1020	**Final Ord Issue Dt:**	08/06/2003
Violation Occur Dt:	03/12/2003	**Proposed Penalty:**	294
Violator Violation Cnt:	0	**Amount Due:**	294
Violator Insp Day Cnt:	0	**Amount Paid:**	294
Contractor ID:		**Bill Print Dt:**	06/11/2003
Cit Ord Safe:	Citation	**Last Action Cd:**	Paid
Orig Term Due Dt:		**Last Action Dt:**	07/14/2003
Orig Term Due Tm:		**Coal Metal Ind:**	M
Latest Term Due Dt:	03/12/2003	**Cal Yr:**	2003
Latest Term Due Tm:	1600	**Cal Qtr:**	1
Termination Dt:	03/12/2003	**Fiscal Yr:**	2003
Termination Time:	1500	**Fiscal Qtr:**	2
Termination Type:	Terminated	**Sig Sub:**	Yes
Vacate Dt:		**Section of Act:**	
Vacate Time:		**Part Section:**	56.11012
Assess Case Stat Cd:	Closed	**Section of Act 1:**	104(a)
Docket No:		**Section of Act 2:**	
Docket Stat Cd:		**Contested Ind:**	No
Contested Dt:			

Event No:	1155070	**Initial Viol No:**	
Mine Name:	Guadalupe	**Replaced by Ord No:**	
Mine Type:	Surface	**Likelihood:**	Reasonably
Controller ID:	0076453	**Inj Illness:**	Permanent
Controller Name:	Dan Evans; Wayne Evans	**No Affected:**	1
Inspection Begin Dt:	08/24/2010	**Negligence:**	ModNegligence
Inspection End Dt:	08/25/2010	**Written Notice:**	
Violation No:	8561448	**Enforcement Area:**	
Violator ID:	0091225	**Special Assess:**	No
Violator Name:	Evans Brothers Inc	**Primary or Mill:**	Primary
Violator Type CD:	Operator	**Right to Conf Dt:**	
Violation Issue Dt:	08/24/2010	**Asmt Generated Ind:**	No
Violation Issue Time:	0850	**Final Ord Issue Dt:**	11/10/2010
Violation Occur Dt:	08/24/2010	**Proposed Penalty:**	127
Violator Violation Cnt:	6	**Amount Due:**	127
Violator Insp Day Cnt:	3	**Amount Paid:**	127
Contractor ID:		**Bill Print Dt:**	10/06/2010
Cit Ord Safe:	Citation	**Last Action Cd:**	Paid
Orig Term Due Dt:	08/24/2010	**Last Action Dt:**	12/10/2010
Orig Term Due Tm:	0855	**Coal Metal Ind:**	M
Latest Term Due Dt:	08/24/2010	**Cal Yr:**	2010
Latest Term Due Tm:	0855	**Cal Qtr:**	3
Termination Dt:	08/24/2010	**Fiscal Yr:**	2010
Termination Time:	0855	**Fiscal Qtr:**	4
Termination Type:	Terminated	**Sig Sub:**	Yes
Vacate Dt:		**Section of Act:**	
Vacate Time:		**Part Section:**	56.15004
Assess Case Stat Cd:	Closed	**Section of Act 1:**	104(a)
Docket No:		**Section of Act 2:**	
Docket Stat Cd:		**Contested Ind:**	No
Contested Dt:			

Event No:	0647047	**Initial Viol No:**	
Mine Name:	Guadalupe	**Replaced by Ord No:**	

Mine Type:	Surface	**Likelihood:**	Unlikely
Controller ID:	M11038	**Inj Illness:**	LostDays
Controller Name:	Estate of David(Sam) Johnson; Brad Johnson	**No Affected:**	1
Inspection Begin Dt:	03/11/2003	**Negligence:**	LowNegligence
Inspection End Dt:	03/14/2003	**Written Notice:**	
Violation No:	6337995	**Enforcement Area:**	
Violator ID:	L14461	**Special Assess:**	No
Violator Name:	California Rock & Asphalt Inc	**Primary or Mill:**	Primary
Violator Type CD:	Operator	**Right to Conf Dt:**	03/12/2003
Violation Issue Dt:	03/12/2003	**Asmt Generated Ind:**	No
Violation Issue Time:	0915	**Final Ord Issue Dt:**	09/17/2003
Violation Occur Dt:	03/12/2003	**Proposed Penalty:**	55
Violator Violation Cnt:	34	**Amount Due:**	55
Violator Insp Day Cnt:	25	**Amount Paid:**	55
Contractor ID:		**Bill Print Dt:**	08/05/2003
Cit Ord Safe:	Citation	**Last Action Cd:**	Paid
Orig Term Due Dt:		**Last Action Dt:**	10/02/2003
Orig Term Due Tm:		**Coal Metal Ind:**	M
Latest Term Due Dt:	03/14/2003	**Cal Yr:**	2003
Latest Term Due Tm:	0700	**Cal Qtr:**	1
Termination Dt:	03/12/2003	**Fiscal Yr:**	2003
Termination Time:	1335	**Fiscal Qtr:**	2
Termination Type:	Terminated	**Sig Sub:**	No
Vacate Dt:		**Section of Act:**	
Vacate Time:		**Part Section:**	56.14100(b)
Assess Case Stat Cd:	Closed	**Section of Act 1:**	104(a)
Docket No:		**Section of Act 2:**	
Docket Stat Cd:		**Contested Ind:**	No
Contested Dt:			

Event No:	0614589	**Initial Viol No:**	
Mine Name:	Guadalupe	**Replaced by Ord No:**	
Mine Type:	Surface	**Likelihood:**	Unlikely
Controller ID:	M11038	**Inj Illness:**	LostDays
Controller Name:	Estate of David(Sam) Johnson; Brad Johnson	**No Affected:**	1
Inspection Begin Dt:	02/24/2000	**Negligence:**	ModNegligence
Inspection End Dt:	03/03/2000	**Written Notice:**	
Violation No:	7972867	**Enforcement Area:**	
Violator ID:	L14461	**Special Assess:**	No
Violator Name:	California Rock & Asphalt Inc	**Primary or Mill:**	Primary
Violator Type CD:	Operator	**Right to Conf Dt:**	02/24/2000
Violation Issue Dt:	02/24/2000	**Asmt Generated Ind:**	No
Violation Issue Time:	1320	**Final Ord Issue Dt:**	05/03/2000
Violation Occur Dt:	02/24/2000	**Proposed Penalty:**	55
Violator Violation Cnt:	0	**Amount Due:**	55
Violator Insp Day Cnt:	0	**Amount Paid:**	55
Contractor ID:		**Bill Print Dt:**	04/05/2000
Cit Ord Safe:	Citation	**Last Action Cd:**	Paid
Orig Term Due Dt:		**Last Action Dt:**	05/03/2000
Orig Term Due Tm:		**Coal Metal Ind:**	M
Latest Term Due Dt:	02/25/2000	**Cal Yr:**	2000
Latest Term Due Tm:	0800	**Cal Qtr:**	1
Termination Dt:	03/02/2000	**Fiscal Yr:**	2000
Termination Time:	1330	**Fiscal Qtr:**	2
Termination Type:	Terminated	**Sig Sub:**	No
Vacate Dt:		**Section of Act:**	
Vacate Time:		**Part Section:**	56.14101(a)(2)
Assess Case Stat Cd:	Closed	**Section of Act 1:**	104(a)
Docket No:		**Section of Act 2:**	
Docket Stat Cd:		**Contested Ind:**	No
Contested Dt:			

Event No:	1143173	**Initial Viol No:**	
Mine Name:	Guadalupe	**Replaced by Ord No:**	
Mine Type:	Surface	**Likelihood:**	Unlikely
Controller ID:	0076453	**Inj Illness:**	Fatal
Controller Name:	Dan Evans; Wayne Evans	**No Affected:**	1
Inspection Begin Dt:	03/18/2009	**Negligence:**	ModNegligence
Inspection End Dt:	03/19/2009	**Written Notice:**	

Violation No:	6443315	**Enforcement Area:**	
Violator ID:	0091225	**Special Assess:**	No
Violator Name:	Evans Brothers Inc	**Primary or Mill:**	Primary
Violator Type CD:	Operator	**Right to Conf Dt:**	
Violation Issue Dt:	03/18/2009	**Asmt Generated Ind:**	No
Violation Issue Time:	0948	**Final Ord Issue Dt:**	06/12/2009
Violation Occur Dt:	03/18/2009	**Proposed Penalty:**	425
Violator Violation Cnt:	26	**Amount Due:**	425
Violator Insp Day Cnt:	8	**Amount Paid:**	425
Contractor ID:		**Bill Print Dt:**	05/06/2009
Cit Ord Safe:	Citation	**Last Action Cd:**	Paid
Orig Term Due Dt:	03/18/2009	**Last Action Dt:**	06/05/2009
Orig Term Due Tm:	1030	**Coal Metal Ind:**	M
Latest Term Due Dt:	03/18/2009	**Cal Yr:**	2009
Latest Term Due Tm:	1030	**Cal Qtr:**	1
Termination Dt:	03/18/2009	**Fiscal Yr:**	2009
Termination Time:	1120	**Fiscal Qtr:**	2
Termination Type:	Terminated	**Sig Sub:**	No
Vacate Dt:		**Section of Act:**	
Vacate Time:		**Part Section:**	56.12008
Assess Case Stat Cd:	Closed	**Section of Act 1:**	104(a)
Docket No:		**Section of Act 2:**	
Docket Stat Cd:		**Contested Ind:**	No
Contested Dt:			

Event No:	0647061	**Initial Viol No:**	
Mine Name:	Guadalupe	**Replaced by Ord No:**	
Mine Type:	Surface	**Likelihood:**	Unlikely
Controller ID:	M11038	**Inj Illness:**	LostDays
Controller Name:	Estate of David(Sam) Johnson; Brad Johnson	**No Affected:**	1
Inspection Begin Dt:	05/29/2002	**Negligence:**	ModNegligence
Inspection End Dt:	05/30/2002	**Written Notice:**	
Violation No:	6333666	**Enforcement Area:**	
Violator ID:	L14461	**Special Assess:**	No
Violator Name:	California Rock & Asphalt Inc	**Primary or Mill:**	Primary
Violator Type CD:	Operator	**Right to Conf Dt:**	05/29/2002
Violation Issue Dt:	05/29/2002	**Asmt Generated Ind:**	No
Violation Issue Time:	1226	**Final Ord Issue Dt:**	08/06/2002
Violation Occur Dt:	05/29/2002	**Proposed Penalty:**	55
Violator Violation Cnt:	0	**Amount Due:**	55
Violator Insp Day Cnt:	0	**Amount Paid:**	55
Contractor ID:		**Bill Print Dt:**	07/05/2002
Cit Ord Safe:	Citation	**Last Action Cd:**	Paid
Orig Term Due Dt:		**Last Action Dt:**	08/06/2002
Orig Term Due Tm:		**Coal Metal Ind:**	M
Latest Term Due Dt:	05/30/2002	**Cal Yr:**	2002
Latest Term Due Tm:	1500	**Cal Qtr:**	2
Termination Dt:	05/30/2002	**Fiscal Yr:**	2002
Termination Time:	0915	**Fiscal Qtr:**	3
Termination Type:	Terminated	**Sig Sub:**	No
Vacate Dt:		**Section of Act:**	
Vacate Time:		**Part Section:**	56.20003(a)
Assess Case Stat Cd:	Closed	**Section of Act 1:**	104(a)
Docket No:		**Section of Act 2:**	
Docket Stat Cd:		**Contested Ind:**	No
Contested Dt:			

Event No:	1139074	**Initial Viol No:**	
Mine Name:	Guadalupe	**Replaced by Ord No:**	
Mine Type:	Surface	**Likelihood:**	Unlikely
Controller ID:		**Inj Illness:**	Fatal
Controller Name:		**No Affected:**	11
Inspection Begin Dt:	09/11/2007	**Negligence:**	ModNegligence
Inspection End Dt:	09/18/2007	**Written Notice:**	
Violation No:	7958719	**Enforcement Area:**	
Violator ID:	N261	**Special Assess:**	No
Violator Name:	Evans Brothers Inc	**Primary or Mill:**	Primary
Violator Type CD:	Contractor	**Right to Conf Dt:**	
Violation Issue Dt:	09/11/2007	**Asmt Generated Ind:**	No

Violation Issue Time:	1453	**Final Ord Issue Dt:**	11/28/2007
Violation Occur Dt:	09/11/2007	**Proposed Penalty:**	212
Violator Violation Cnt:	0	**Amount Due:**	212
Violator Insp Day Cnt:	0	**Amount Paid:**	212
Contractor ID:	N261	**Bill Print Dt:**	10/23/2007
Cit Ord Safe:	Order	**Last Action Cd:**	Paid
Orig Term Due Dt:		**Last Action Dt:**	01/03/2008
Orig Term Due Tm:		**Coal Metal Ind:**	M
Latest Term Due Dt:		**Cal Yr:**	2007
Latest Term Due Tm:		**Cal Qtr:**	3
Termination Dt:	09/12/2007	**Fiscal Yr:**	2007
Termination Time:	0833	**Fiscal Qtr:**	4
Termination Type:	Terminated	**Sig Sub:**	No
Vacate Dt:		**Section of Act:**	
Vacate Time:		**Part Section:**	46.6(a)
Assess Case Stat Cd:	Closed	**Section of Act 1:**	104(g)(1)
Docket No:		**Section of Act 2:**	
Docket Stat Cd:		**Contested Ind:**	No
Contested Dt:			

Event No:	6592389	**Initial Viol No:**	
Mine Name:	Guadalupe	**Replaced by Ord No:**	
Mine Type:	Surface	**Likelihood:**	Unlikely
Controller ID:	0076453	**Inj Illness:**	LostDays
Controller Name:	Dan Evans; Wayne Evans	**No Affected:**	1
Inspection Begin Dt:	05/22/2013	**Negligence:**	ModNegligence
Inspection End Dt:	05/23/2013	**Written Notice:**	
Violation No:	8698935	**Enforcement Area:**	
Violator ID:	0091225	**Special Assess:**	Yes
Violator Name:	Evans Brothers Inc	**Primary or Mill:**	Primary
Violator Type CD:	Operator	**Right to Conf Dt:**	
Violation Issue Dt:	05/22/2013	**Asmt Generated Ind:**	No
Violation Issue Time:	1230	**Final Ord Issue Dt:**	08/16/2013
Violation Occur Dt:	05/22/2013	**Proposed Penalty:**	112
Violator Violation Cnt:	6	**Amount Due:**	112
Violator Insp Day Cnt:	7	**Amount Paid:**	112
Contractor ID:		**Bill Print Dt:**	07/10/2013
Cit Ord Safe:	Order	**Last Action Cd:**	Paid
Orig Term Due Dt:		**Last Action Dt:**	04/07/2014
Orig Term Due Tm:		**Coal Metal Ind:**	M
Latest Term Due Dt:		**Cal Yr:**	2013
Latest Term Due Tm:		**Cal Qtr:**	2
Termination Dt:	05/23/2013	**Fiscal Yr:**	2013
Termination Time:	0715	**Fiscal Qtr:**	3
Termination Type:	Terminated	**Sig Sub:**	No
Vacate Dt:		**Section of Act:**	
Vacate Time:		**Part Section:**	46.7(a)
Assess Case Stat Cd:	Closed	**Section of Act 1:**	104(g)(1)
Docket No:		**Section of Act 2:**	
Docket Stat Cd:		**Contested Ind:**	No
Contested Dt:			

Event No:	0646848	**Initial Viol No:**	
Mine Name:	Guadalupe	**Replaced by Ord No:**	
Mine Type:	Surface	**Likelihood:**	Reasonably
Controller ID:	M11038	**Inj Illness:**	Fatal
Controller Name:	Estate of David(Sam) Johnson; Brad Johnson	**No Affected:**	1
Inspection Begin Dt:	08/28/2002	**Negligence:**	ModNegligence
Inspection End Dt:	08/29/2002	**Written Notice:**	
Violation No:	6337560	**Enforcement Area:**	
Violator ID:	L14461	**Special Assess:**	No
Violator Name:	California Rock & Asphalt Inc	**Primary or Mill:**	Primary
Violator Type CD:	Operator	**Right to Conf Dt:**	08/28/2002
Violation Issue Dt:	08/28/2002	**Asmt Generated Ind:**	No
Violation Issue Time:	1115	**Final Ord Issue Dt:**	11/30/2002
Violation Occur Dt:	08/28/2002	**Proposed Penalty:**	242
Violator Violation Cnt:	0	**Amount Due:**	242
Violator Insp Day Cnt:	0	**Amount Paid:**	242
Contractor ID:		**Bill Print Dt:**	10/18/2002

Cit Ord Safe:	Citation	**Last Action Cd:**	Paid
Orig Term Due Dt:		**Last Action Dt:**	11/19/2002
Orig Term Due Tm:		**Coal Metal Ind:**	M
Latest Term Due Dt:	08/28/2002	**Cal Yr:**	2002
Latest Term Due Tm:	1300	**Cal Qtr:**	3
Termination Dt:	08/28/2002	**Fiscal Yr:**	2002
Termination Time:	1215	**Fiscal Qtr:**	4
Termination Type:	Terminated	**Sig Sub:**	Yes
Vacate Dt:		**Section of Act:**	
Vacate Time:		**Part Section:**	56.14107(a)
Assess Case Stat Cd:	Closed	**Section of Act 1:**	104(a)
Docket No:		**Section of Act 2:**	
Docket Stat Cd:		**Contested Ind:**	No
Contested Dt:			

Event No:	1121035	**Initial Viol No:**	6348351
Mine Name:	Guadalupe	**Replaced by Ord No:**	
Mine Type:	Surface	**Likelihood:**	
Controller ID:		**Inj Illness:**	
Controller Name:		**No Affected:**	0
Inspection Begin Dt:	12/15/2003	**Negligence:**	
Inspection End Dt:	12/16/2003	**Written Notice:**	
Violation No:	6348376	**Enforcement Area:**	
Violator ID:	DPB	**Special Assess:**	No
Violator Name:	Alpha Explosives	**Primary or Mill:**	Primary
Violator Type CD:	Contractor	**Right to Conf Dt:**	12/15/2003
Violation Issue Dt:	12/15/2003	**Asmt Generated Ind:**	No
Violation Issue Time:	1430	**Final Ord Issue Dt:**	
Violation Occur Dt:	12/15/2003	**Proposed Penalty:**	
Violator Violation Cnt:		**Amount Due:**	
Violator Insp Day Cnt:		**Amount Paid:**	
Contractor ID:	DPB	**Bill Print Dt:**	
Cit Ord Safe:	Order	**Last Action Cd:**	
Orig Term Due Dt:		**Last Action Dt:**	
Orig Term Due Tm:		**Coal Metal Ind:**	M
Latest Term Due Dt:		**Cal Yr:**	2003
Latest Term Due Tm:		**Cal Qtr:**	4
Termination Dt:	12/16/2003	**Fiscal Yr:**	2004
Termination Time:	0830	**Fiscal Qtr:**	1
Termination Type:	Terminated	**Sig Sub:**	
Vacate Dt:		**Section of Act:**	
Vacate Time:		**Part Section:**	56.6132(a)(7)
Assess Case Stat Cd:		**Section of Act 1:**	104(b)
Docket No:		**Section of Act 2:**	
Docket Stat Cd:		**Contested Ind:**	No
Contested Dt:			

Event No:	1155070	**Initial Viol No:**	
Mine Name:	Guadalupe	**Replaced by Ord No:**	
Mine Type:	Surface	**Likelihood:**	Reasonably
Controller ID:	0076453	**Inj Illness:**	Permanent
Controller Name:	Dan Evans; Wayne Evans	**No Affected:**	16
Inspection Begin Dt:	08/24/2010	**Negligence:**	ModNegligence
Inspection End Dt:	08/25/2010	**Written Notice:**	
Violation No:	8561457	**Enforcement Area:**	
Violator ID:	0091225	**Special Assess:**	No
Violator Name:	Evans Brothers Inc	**Primary or Mill:**	Primary
Violator Type CD:	Operator	**Right to Conf Dt:**	
Violation Issue Dt:	08/25/2010	**Asmt Generated Ind:**	No
Violation Issue Time:	1055	**Final Ord Issue Dt:**	08/02/2011
Violation Occur Dt:	08/25/2010	**Proposed Penalty:**	499
Violator Violation Cnt:	6	**Amount Due:**	499
Violator Insp Day Cnt:	5	**Amount Paid:**	499
Contractor ID:		**Bill Print Dt:**	10/06/2010
Cit Ord Safe:	Citation	**Last Action Cd:**	Paid
Orig Term Due Dt:	09/01/2010	**Last Action Dt:**	09/26/2011
Orig Term Due Tm:	1600	**Coal Metal Ind:**	M
Latest Term Due Dt:	09/01/2010	**Cal Yr:**	2010
Latest Term Due Tm:	1600	**Cal Qtr:**	3

Termination Dt:	09/13/2010	**Fiscal Yr:**	2010
Termination Time:	1034	**Fiscal Qtr:**	4
Termination Type:	Terminated	**Sig Sub:**	Yes
Vacate Dt:		**Section of Act:**	
Vacate Time:		**Part Section:**	62.170(b)
Assess Case Stat Cd:	Closed	**Section of Act 1:**	104(a)
Docket No:	WEST 2011-169M	**Section of Act 2:**	
Docket Stat Cd:	Accepted	**Contested Ind:**	Yes
Contested Dt:	10/27/2010		

Event No:	0614484	**Initial Viol No:**	
Mine Name:	Guadalupe	**Replaced by Ord No:**	
Mine Type:	Surface	**Likelihood:**	Unlikely
Controller ID:	M11038	**Inj Illness:**	Fatal
Controller Name:	Estate of David(Sam) Johnson; Brad Johnson	**No Affected:**	1
Inspection Begin Dt:	10/10/2000	**Negligence:**	ModNegligence
Inspection End Dt:	10/17/2000	**Written Notice:**	
Violation No:	7987479	**Enforcement Area:**	
Violator ID:	L14461	**Special Assess:**	No
Violator Name:	California Rock & Asphalt Inc	**Primary or Mill:**	Primary
Violator Type CD:	Operator	**Right to Conf Dt:**	10/11/2000
Violation Issue Dt:	10/11/2000	**Asmt Generated Ind:**	No
Violation Issue Time:	1025	**Final Ord Issue Dt:**	01/10/2001
Violation Occur Dt:	10/11/2000	**Proposed Penalty:**	55
Violator Violation Cnt:	0	**Amount Due:**	55
Violator Insp Day Cnt:	0	**Amount Paid:**	55
Contractor ID:		**Bill Print Dt:**	12/08/2000
Cit Ord Safe:	Citation	**Last Action Cd:**	Paid
Orig Term Due Dt:		**Last Action Dt:**	01/10/2001
Orig Term Due Tm:		**Coal Metal Ind:**	M
Latest Term Due Dt:	10/27/2000	**Cal Yr:**	2000
Latest Term Due Tm:	1500	**Cal Qtr:**	4
Termination Dt:	10/17/2000	**Fiscal Yr:**	2001
Termination Time:	1415	**Fiscal Qtr:**	1
Termination Type:	Terminated	**Sig Sub:**	No
Vacate Dt:		**Section of Act:**	
Vacate Time:		**Part Section:**	56.14101(a)(2)
Assess Case Stat Cd:	Closed	**Section of Act 1:**	104(a)
Docket No:		**Section of Act 2:**	
Docket Stat Cd:		**Contested Ind:**	No
Contested Dt:			

Event No:	6663641	**Initial Viol No:**	
Mine Name:	Guadalupe	**Replaced by Ord No:**	
Mine Type:	Surface	**Likelihood:**	NoLikelihood
Controller ID:	0118621	**Inj Illness:**	NoLostDays
Controller Name:	Dan Evans	**No Affected:**	0
Inspection Begin Dt:	06/30/2015	**Negligence:**	ModNegligence
Inspection End Dt:	07/01/2015	**Written Notice:**	
Violation No:	8793306	**Enforcement Area:**	
Violator ID:	0091225	**Special Assess:**	No
Violator Name:	Evans Brothers Inc	**Primary or Mill:**	Primary
Violator Type CD:	Operator	**Right to Conf Dt:**	
Violation Issue Dt:	07/01/2015	**Asmt Generated Ind:**	No
Violation Issue Time:	1305	**Final Ord Issue Dt:**	10/18/2015
Violation Occur Dt:	07/01/2015	**Proposed Penalty:**	100
Violator Violation Cnt:	2	**Amount Due:**	100
Violator Insp Day Cnt:	6	**Amount Paid:**	100
Contractor ID:		**Bill Print Dt:**	08/05/2015
Cit Ord Safe:	Citation	**Last Action Cd:**	Paid
Orig Term Due Dt:	07/01/2015	**Last Action Dt:**	09/29/2015
Orig Term Due Tm:	1500	**Coal Metal Ind:**	M
Latest Term Due Dt:	07/01/2015	**Cal Yr:**	2015
Latest Term Due Tm:	1500	**Cal Qtr:**	3
Termination Dt:	07/01/2015	**Fiscal Yr:**	2015
Termination Time:	1430	**Fiscal Qtr:**	4
Termination Type:	Terminated	**Sig Sub:**	No
Vacate Dt:		**Section of Act:**	
Vacate Time:		**Part Section:**	56.18002(b)

Assess Case Stat Cd:	Closed	**Section of Act 1:**	104(a)
Docket No:		**Section of Act 2:**	
Docket Stat Cd:		**Contested Ind:**	No
Contested Dt:			

Event No:	1125578	**Initial Viol No:**	
Mine Name:	Guadalupe	**Replaced by Ord No:**	
Mine Type:	Surface	**Likelihood:**	Reasonably
Controller ID:	M11038	**Inj Illness:**	LostDays
Controller Name:	Estate of David(Sam) Johnson; Brad Johnson	**No Affected:**	1
Inspection Begin Dt:	01/25/2006	**Negligence:**	ModNegligence
Inspection End Dt:	01/26/2006	**Written Notice:**	
Violation No:	6379720	**Enforcement Area:**	
Violator ID:	L14461	**Special Assess:**	No
Violator Name:	California Rock & Asphalt Inc	**Primary or Mill:**	Primary
Violator Type CD:	Operator	**Right to Conf Dt:**	
Violation Issue Dt:	01/25/2006	**Asmt Generated Ind:**	No
Violation Issue Time:	1300	**Final Ord Issue Dt:**	04/19/2006
Violation Occur Dt:	01/25/2006	**Proposed Penalty:**	154
Violator Violation Cnt:	13	**Amount Due:**	154
Violator Insp Day Cnt:	13	**Amount Paid:**	154
Contractor ID:		**Bill Print Dt:**	03/07/2006
Cit Ord Safe:	Citation	**Last Action Cd:**	Paid
Orig Term Due Dt:	01/25/2006	**Last Action Dt:**	05/10/2006
Orig Term Due Tm:	1400	**Coal Metal Ind:**	M
Latest Term Due Dt:	01/26/2006	**Cal Yr:**	2006
Latest Term Due Tm:	1200	**Cal Qtr:**	1
Termination Dt:	01/26/2006	**Fiscal Yr:**	2006
Termination Time:	0900	**Fiscal Qtr:**	2
Termination Type:	Terminated	**Sig Sub:**	Yes
Vacate Dt:		**Section of Act:**	
Vacate Time:		**Part Section:**	56.9300(a)
Assess Case Stat Cd:	Closed	**Section of Act 1:**	104(a)
Docket No:		**Section of Act 2:**	
Docket Stat Cd:		**Contested Ind:**	No
Contested Dt:			

Event No:	1161848	**Initial Viol No:**	
Mine Name:	Guadalupe	**Replaced by Ord No:**	
Mine Type:	Surface	**Likelihood:**	Unlikely
Controller ID:	0076453	**Inj Illness:**	LostDays
Controller Name:	Dan Evans; Wayne Evans	**No Affected:**	1
Inspection Begin Dt:	09/03/2014	**Negligence:**	ModNegligence
Inspection End Dt:	09/04/2014	**Written Notice:**	
Violation No:	8695612	**Enforcement Area:**	
Violator ID:	0091225	**Special Assess:**	No
Violator Name:	Evans Brothers Inc	**Primary or Mill:**	Primary
Violator Type CD:	Operator	**Right to Conf Dt:**	
Violation Issue Dt:	09/03/2014	**Asmt Generated Ind:**	No
Violation Issue Time:	1100	**Final Ord Issue Dt:**	11/30/2014
Violation Occur Dt:	09/03/2014	**Proposed Penalty:**	127
Violator Violation Cnt:	14	**Amount Due:**	127
Violator Insp Day Cnt:	3	**Amount Paid:**	127
Contractor ID:		**Bill Print Dt:**	10/08/2014
Cit Ord Safe:	Citation	**Last Action Cd:**	Paid
Orig Term Due Dt:	09/04/2014	**Last Action Dt:**	02/11/2016
Orig Term Due Tm:	1200	**Coal Metal Ind:**	M
Latest Term Due Dt:	09/04/2014	**Cal Yr:**	2014
Latest Term Due Tm:	1200	**Cal Qtr:**	3
Termination Dt:	09/04/2014	**Fiscal Yr:**	2014
Termination Time:	1030	**Fiscal Qtr:**	4
Termination Type:	Terminated	**Sig Sub:**	No
Vacate Dt:		**Section of Act:**	
Vacate Time:		**Part Section:**	56.14100(a)
Assess Case Stat Cd:	Closed	**Section of Act 1:**	104(a)
Docket No:		**Section of Act 2:**	
Docket Stat Cd:		**Contested Ind:**	No
Contested Dt:			

Event No:	1139725	**Initial Viol No:**	
Mine Name:	Guadalupe	**Replaced by Ord No:**	
Mine Type:	Surface	**Likelihood:**	Unlikely
Controller ID:	0076453	**Inj Illness:**	LostDays
Controller Name:	Dan Evans; Wayne Evans	**No Affected:**	1
Inspection Begin Dt:	02/27/2008	**Negligence:**	ModNegligence
Inspection End Dt:	03/03/2008	**Written Notice:**	
Violation No:	6442560	**Enforcement Area:**	
Violator ID:	0091225	**Special Assess:**	No
Violator Name:	Evans Brothers Inc	**Primary or Mill:**	Primary
Violator Type CD:	Operator	**Right to Conf Dt:**	
Violation Issue Dt:	02/27/2008	**Asmt Generated Ind:**	No
Violation Issue Time:	1100	**Final Ord Issue Dt:**	09/12/2008
Violation Occur Dt:	02/27/2008	**Proposed Penalty:**	100
Violator Violation Cnt:	0	**Amount Due:**	100
Violator Insp Day Cnt:	3	**Amount Paid:**	100
Contractor ID:		**Bill Print Dt:**	08/06/2008
Cit Ord Safe:	Citation	**Last Action Cd:**	Paid
Orig Term Due Dt:	02/29/2008	**Last Action Dt:**	12/01/2008
Orig Term Due Tm:	1700	**Coal Metal Ind:**	M
Latest Term Due Dt:	02/29/2008	**Cal Yr:**	2008
Latest Term Due Tm:	1700	**Cal Qtr:**	1
Termination Dt:	03/03/2008	**Fiscal Yr:**	2008
Termination Time:	1445	**Fiscal Qtr:**	2
Termination Type:	Terminated	**Sig Sub:**	No
Vacate Dt:		**Section of Act:**	
Vacate Time:		**Part Section:**	56.11001
Assess Case Stat Cd:	Closed	**Section of Act 1:**	104(a)
Docket No:		**Section of Act 2:**	
Docket Stat Cd:		**Contested Ind:**	No
Contested Dt:			

Event No:	1139725	**Initial Viol No:**	
Mine Name:	Guadalupe	**Replaced by Ord No:**	
Mine Type:	Surface	**Likelihood:**	NoLikelihood
Controller ID:	0076453	**Inj Illness:**	NoLostDays
Controller Name:	Dan Evans; Wayne Evans	**No Affected:**	0
Inspection Begin Dt:	02/27/2008	**Negligence:**	ModNegligence
Inspection End Dt:	03/03/2008	**Written Notice:**	
Violation No:	6442559	**Enforcement Area:**	
Violator ID:	0091225	**Special Assess:**	No
Violator Name:	Evans Brothers Inc	**Primary or Mill:**	Primary
Violator Type CD:	Operator	**Right to Conf Dt:**	
Violation Issue Dt:	02/27/2008	**Asmt Generated Ind:**	No
Violation Issue Time:	0930	**Final Ord Issue Dt:**	09/12/2008
Violation Occur Dt:	02/27/2008	**Proposed Penalty:**	100
Violator Violation Cnt:	0	**Amount Due:**	100
Violator Insp Day Cnt:	3	**Amount Paid:**	100
Contractor ID:		**Bill Print Dt:**	08/06/2008
Cit Ord Safe:	Citation	**Last Action Cd:**	Paid
Orig Term Due Dt:	02/27/2008	**Last Action Dt:**	12/01/2008
Orig Term Due Tm:	1700	**Coal Metal Ind:**	M
Latest Term Due Dt:	02/27/2008	**Cal Yr:**	2008
Latest Term Due Tm:	1700	**Cal Qtr:**	1
Termination Dt:	02/27/2008	**Fiscal Yr:**	2008
Termination Time:	1300	**Fiscal Qtr:**	2
Termination Type:	Terminated	**Sig Sub:**	No
Vacate Dt:		**Section of Act:**	
Vacate Time:		**Part Section:**	41.12
Assess Case Stat Cd:	Closed	**Section of Act 1:**	104(a)
Docket No:		**Section of Act 2:**	
Docket Stat Cd:		**Contested Ind:**	No
Contested Dt:			

Event No:	1125578	**Initial Viol No:**	
Mine Name:	Guadalupe	**Replaced by Ord No:**	
Mine Type:	Surface	**Likelihood:**	Reasonably
Controller ID:	M11038	**Inj Illness:**	Fatal
Controller Name:	Estate of David(Sam) Johnson; Brad Johnson	**No Affected:**	1

Inspection Begin Dt:	01/25/2006	**Negligence:**	ModNegligence
Inspection End Dt:	01/26/2006	**Written Notice:**	
Violation No:	6379721	**Enforcement Area:**	
Violator ID:	L14461	**Special Assess:**	No
Violator Name:	California Rock & Asphalt Inc	**Primary or Mill:**	Primary
Violator Type CD:	Operator	**Right to Conf Dt:**	
Violation Issue Dt:	01/25/2006	**Asmt Generated Ind:**	No
Violation Issue Time:	1345	**Final Ord Issue Dt:**	04/19/2006
Violation Occur Dt:	01/25/2006	**Proposed Penalty:**	247
Violator Violation Cnt:	13	**Amount Due:**	247
Violator Insp Day Cnt:	13	**Amount Paid:**	247
Contractor ID:		**Bill Print Dt:**	03/07/2006
Cit Ord Safe:	Citation	**Last Action Cd:**	Paid
Orig Term Due Dt:	01/25/2006	**Last Action Dt:**	05/10/2006
Orig Term Due Tm:	1445	**Coal Metal Ind:**	M
Latest Term Due Dt:	01/26/2006	**Cal Yr:**	2006
Latest Term Due Tm:	1200	**Cal Qtr:**	1
Termination Dt:	01/26/2006	**Fiscal Yr:**	2006
Termination Time:	0845	**Fiscal Qtr:**	2
Termination Type:	Terminated	**Sig Sub:**	Yes
Vacate Dt:		**Section of Act:**	
Vacate Time:		**Part Section:**	56.14130(a)(2)
Assess Case Stat Cd:	Closed	**Section of Act 1:**	104(a)
Docket No:		**Section of Act 2:**	
Docket Stat Cd:		**Contested Ind:**	No
Contested Dt:			

Event No:	1155278	**Initial Viol No:**	
Mine Name:	Guadalupe	**Replaced by Ord No:**	
Mine Type:	Surface	**Likelihood:**	Unlikely
Controller ID:	0076453	**Inj Illness:**	Permanent
Controller Name:	Dan Evans; Wayne Evans	**No Affected:**	1
Inspection Begin Dt:	11/15/2011	**Negligence:**	ModNegligence
Inspection End Dt:	11/17/2011	**Written Notice:**	
Violation No:	8611184	**Enforcement Area:**	
Violator ID:	0091225	**Special Assess:**	No
Violator Name:	Evans Brothers Inc	**Primary or Mill:**	Primary
Violator Type CD:	Operator	**Right to Conf Dt:**	
Violation Issue Dt:	11/15/2011	**Asmt Generated Ind:**	No
Violation Issue Time:	1115	**Final Ord Issue Dt:**	10/23/2013
Violation Occur Dt:	11/15/2011	**Proposed Penalty:**	190
Violator Violation Cnt:	17	**Amount Due:**	190
Violator Insp Day Cnt:	7	**Amount Paid:**	190
Contractor ID:		**Bill Print Dt:**	01/11/2012
Cit Ord Safe:	Citation	**Last Action Cd:**	Paid
Orig Term Due Dt:	11/15/2011	**Last Action Dt:**	07/23/2014
Orig Term Due Tm:	1315	**Coal Metal Ind:**	M
Latest Term Due Dt:	11/15/2011	**Cal Yr:**	2011
Latest Term Due Tm:	1315	**Cal Qtr:**	4
Termination Dt:	11/15/2011	**Fiscal Yr:**	2012
Termination Time:	1458	**Fiscal Qtr:**	1
Termination Type:	Terminated	**Sig Sub:**	No
Vacate Dt:		**Section of Act:**	
Vacate Time:		**Part Section:**	56.11027
Assess Case Stat Cd:	Closed	**Section of Act 1:**	104(a)
Docket No:		**Section of Act 2:**	
Docket Stat Cd:		**Contested Ind:**	No
Contested Dt:			

Event No:	1155024	**Initial Viol No:**	
Mine Name:	Guadalupe	**Replaced by Ord No:**	
Mine Type:	Surface	**Likelihood:**	Reasonably
Controller ID:	0076453	**Inj Illness:**	Permanent
Controller Name:	Dan Evans; Wayne Evans	**No Affected:**	1
Inspection Begin Dt:	01/12/2010	**Negligence:**	ModNegligence
Inspection End Dt:	01/13/2010	**Written Notice:**	
Violation No:	6489741	**Enforcement Area:**	
Violator ID:	0091225	**Special Assess:**	No
Violator Name:	Evans Brothers Inc	**Primary or Mill:**	Primary

Violator Type CD:	Operator	**Right to Conf Dt:**	
Violation Issue Dt:	01/12/2010	**Asmt Generated Ind:**	No
Violation Issue Time:	1515	**Final Ord Issue Dt:**	02/26/2011
Violation Occur Dt:	01/12/2010	**Proposed Penalty:**	946
Violator Violation Cnt:	12	**Amount Due:**	946
Violator Insp Day Cnt:	3	**Amount Paid:**	946
Contractor ID:		**Bill Print Dt:**	03/10/2010
Cit Ord Safe:	Citation	**Last Action Cd:**	Paid
Orig Term Due Dt:	01/13/2010	**Last Action Dt:**	06/23/2011
Orig Term Due Tm:	0900	**Coal Metal Ind:**	M
Latest Term Due Dt:	01/13/2010	**Cal Yr:**	2010
Latest Term Due Tm:	0900	**Cal Qtr:**	1
Termination Dt:	01/13/2010	**Fiscal Yr:**	2010
Termination Time:	1235	**Fiscal Qtr:**	2
Termination Type:	Terminated	**Sig Sub:**	Yes
Vacate Dt:		**Section of Act:**	
Vacate Time:		**Part Section:**	56.14107(a)
Assess Case Stat Cd:	Closed	**Section of Act 1:**	104(a)
Docket No:	WEST 2010-899M	**Section of Act 2:**	
Docket Stat Cd:	Accepted	**Contested Ind:**	Yes
Contested Dt:	03/25/2010		

Event No:	1132630	**Initial Viol No:**	
Mine Name:	Guadalupe	**Replaced by Ord No:**	
Mine Type:	Surface	**Likelihood:**	Unlikely
Controller ID:	M11038	**Inj Illness:**	Permanent
Controller Name:	Estate of David(Sam) Johnson; Brad Johnson	**No Affected:**	1
Inspection Begin Dt:	05/17/2006	**Negligence:**	ModNegligence
Inspection End Dt:	05/18/2006	**Written Notice:**	
Violation No:	6393059	**Enforcement Area:**	
Violator ID:	L14461	**Special Assess:**	No
Violator Name:	California Rock & Asphalt Inc	**Primary or Mill:**	Primary
Violator Type CD:	Operator	**Right to Conf Dt:**	
Violation Issue Dt:	05/17/2006	**Asmt Generated Ind:**	No
Violation Issue Time:	1150	**Final Ord Issue Dt:**	08/19/2006
Violation Occur Dt:	05/17/2006	**Proposed Penalty:**	60
Violator Violation Cnt:	11	**Amount Due:**	60
Violator Insp Day Cnt:	10	**Amount Paid:**	60
Contractor ID:		**Bill Print Dt:**	07/05/2006
Cit Ord Safe:	Citation	**Last Action Cd:**	Paid
Orig Term Due Dt:	05/18/2006	**Last Action Dt:**	08/09/2006
Orig Term Due Tm:	1200	**Coal Metal Ind:**	M
Latest Term Due Dt:	05/18/2006	**Cal Yr:**	2006
Latest Term Due Tm:	1200	**Cal Qtr:**	2
Termination Dt:	05/17/2006	**Fiscal Yr:**	2006
Termination Time:	1745	**Fiscal Qtr:**	3
Termination Type:	Terminated	**Sig Sub:**	No
Vacate Dt:		**Section of Act:**	
Vacate Time:		**Part Section:**	56.14107(a)
Assess Case Stat Cd:	Closed	**Section of Act 1:**	104(a)
Docket No:		**Section of Act 2:**	
Docket Stat Cd:		**Contested Ind:**	No
Contested Dt:			

Event No:	1155278	**Initial Viol No:**	
Mine Name:	Guadalupe	**Replaced by Ord No:**	
Mine Type:	Surface	**Likelihood:**	Unlikely
Controller ID:	0076453	**Inj Illness:**	Permanent
Controller Name:	Dan Evans; Wayne Evans	**No Affected:**	1
Inspection Begin Dt:	11/15/2011	**Negligence:**	ModNegligence
Inspection End Dt:	11/17/2011	**Written Notice:**	
Violation No:	8611187	**Enforcement Area:**	
Violator ID:	0091225	**Special Assess:**	No
Violator Name:	Evans Brothers Inc	**Primary or Mill:**	Primary
Violator Type CD:	Operator	**Right to Conf Dt:**	
Violation Issue Dt:	11/15/2011	**Asmt Generated Ind:**	No
Violation Issue Time:	1230	**Final Ord Issue Dt:**	10/23/2013
Violation Occur Dt:	11/15/2011	**Proposed Penalty:**	190
Violator Violation Cnt:	17	**Amount Due:**	190

Violator Insp Day Cnt:	7	**Amount Paid:**	190
Contractor ID:		**Bill Print Dt:**	01/11/2012
Cit Ord Safe:	Citation	**Last Action Cd:**	Paid
Orig Term Due Dt:	11/15/2011	**Last Action Dt:**	07/23/2014
Orig Term Due Tm:	1330	**Coal Metal Ind:**	M
Latest Term Due Dt:	11/15/2011	**Cal Yr:**	2011
Latest Term Due Tm:	1330	**Cal Qtr:**	4
Termination Dt:	11/15/2011	**Fiscal Yr:**	2012
Termination Time:	1500	**Fiscal Qtr:**	1
Termination Type:	Terminated	**Sig Sub:**	No
Vacate Dt:		**Section of Act:**	
Vacate Time:		**Part Section:**	56.11027
Assess Case Stat Cd:	Closed	**Section of Act 1:**	104(a)
Docket No:		**Section of Act 2:**	
Docket Stat Cd:		**Contested Ind:**	No
Contested Dt:			

Event No:	0739143	**Initial Viol No:**	
Mine Name:	Guadalupe	**Replaced by Ord No:**	
Mine Type:	Surface	**Likelihood:**	Reasonably
Controller ID:	M11038	**Inj Illness:**	Fatal
Controller Name:	Estate of David(Sam) Johnson; Brad Johnson	**No Affected:**	1
Inspection Begin Dt:	04/24/2001	**Negligence:**	ModNegligence
Inspection End Dt:	05/09/2001	**Written Notice:**	
Violation No:	7987571	**Enforcement Area:**	
Violator ID:	L14461	**Special Assess:**	No
Violator Name:	California Rock & Asphalt Inc	**Primary or Mill:**	Primary
Violator Type CD:	Operator	**Right to Conf Dt:**	05/02/2001
Violation Issue Dt:	05/02/2001	**Asmt Generated Ind:**	No
Violation Issue Time:	0730	**Final Ord Issue Dt:**	07/16/2001
Violation Occur Dt:	05/02/2001	**Proposed Penalty:**	277
Violator Violation Cnt:	0	**Amount Due:**	277
Violator Insp Day Cnt:	0	**Amount Paid:**	277
Contractor ID:		**Bill Print Dt:**	06/14/2001
Cit Ord Safe:	Citation	**Last Action Cd:**	Paid
Orig Term Due Dt:		**Last Action Dt:**	07/16/2001
Orig Term Due Tm:		**Coal Metal Ind:**	M
Latest Term Due Dt:	05/02/2001	**Cal Yr:**	2001
Latest Term Due Tm:	0800	**Cal Qtr:**	2
Termination Dt:	05/02/2001	**Fiscal Yr:**	2001
Termination Time:	0800	**Fiscal Qtr:**	3
Termination Type:	Terminated	**Sig Sub:**	Yes
Vacate Dt:		**Section of Act:**	
Vacate Time:		**Part Section:**	56.12025
Assess Case Stat Cd:	Closed	**Section of Act 1:**	104(a)
Docket No:		**Section of Act 2:**	
Docket Stat Cd:		**Contested Ind:**	No
Contested Dt:			

Event No:	1155024	**Initial Viol No:**	
Mine Name:	Guadalupe	**Replaced by Ord No:**	
Mine Type:	Surface	**Likelihood:**	Unlikely
Controller ID:	0076453	**Inj Illness:**	NoLostDays
Controller Name:	Dan Evans; Wayne Evans	**No Affected:**	1
Inspection Begin Dt:	01/12/2010	**Negligence:**	ModNegligence
Inspection End Dt:	01/13/2010	**Written Notice:**	
Violation No:	6489742	**Enforcement Area:**	
Violator ID:	0091225	**Special Assess:**	No
Violator Name:	Evans Brothers Inc	**Primary or Mill:**	Primary
Violator Type CD:	Operator	**Right to Conf Dt:**	
Violation Issue Dt:	01/13/2010	**Asmt Generated Ind:**	No
Violation Issue Time:	1100	**Final Ord Issue Dt:**	04/14/2010
Violation Occur Dt:	01/13/2010	**Proposed Penalty:**	100
Violator Violation Cnt:	12	**Amount Due:**	100
Violator Insp Day Cnt:	3	**Amount Paid:**	100
Contractor ID:		**Bill Print Dt:**	03/10/2010
Cit Ord Safe:	Citation	**Last Action Cd:**	Paid
Orig Term Due Dt:	01/13/2010	**Last Action Dt:**	10/14/2010
Orig Term Due Tm:	1600	**Coal Metal Ind:**	M

Latest Term Due Dt:	01/13/2010	**Cal Yr:**	2010
Latest Term Due Tm:	1600	**Cal Qtr:**	1
Termination Dt:	01/13/2010	**Fiscal Yr:**	2010
Termination Time:	1115	**Fiscal Qtr:**	2
Termination Type:	Terminated	**Sig Sub:**	No
Vacate Dt:		**Section of Act:**	
Vacate Time:		**Part Section:**	46.9(c)(3)
Assess Case Stat Cd:	Closed	**Section of Act 1:**	104(a)
Docket No:		**Section of Act 2:**	
Docket Stat Cd:		**Contested Ind:**	No
Contested Dt:			

Event No:	1155278	**Initial Viol No:**	
Mine Name:	Guadalupe	**Replaced by Ord No:**	
Mine Type:	Surface	**Likelihood:**	Unlikely
Controller ID:	0076453	**Inj Illness:**	LostDays
Controller Name:	Dan Evans; Wayne Evans	**No Affected:**	1
Inspection Begin Dt:	11/15/2011	**Negligence:**	ModNegligence
Inspection End Dt:	11/17/2011	**Written Notice:**	
Violation No:	8611186	**Enforcement Area:**	
Violator ID:	0091225	**Special Assess:**	No
Violator Name:	Evans Brothers Inc	**Primary or Mill:**	Primary
Violator Type CD:	Operator	**Right to Conf Dt:**	
Violation Issue Dt:	11/15/2011	**Asmt Generated Ind:**	No
Violation Issue Time:	1205	**Final Ord Issue Dt:**	10/23/2013
Violation Occur Dt:	11/15/2011	**Proposed Penalty:**	634
Violator Violation Cnt:	17	**Amount Due:**	127
Violator Insp Day Cnt:	7	**Amount Paid:**	127
Contractor ID:		**Bill Print Dt:**	01/11/2012
Cit Ord Safe:	Citation	**Last Action Cd:**	Paid
Orig Term Due Dt:	11/15/2011	**Last Action Dt:**	07/23/2014
Orig Term Due Tm:	1225	**Coal Metal Ind:**	M
Latest Term Due Dt:	11/15/2011	**Cal Yr:**	2011
Latest Term Due Tm:	1225	**Cal Qtr:**	4
Termination Dt:	11/15/2011	**Fiscal Yr:**	2012
Termination Time:	1450	**Fiscal Qtr:**	1
Termination Type:	Terminated	**Sig Sub:**	No
Vacate Dt:		**Section of Act:**	
Vacate Time:		**Part Section:**	56.20003(a)
Assess Case Stat Cd:	Closed	**Section of Act 1:**	104(a)
Docket No:		**Section of Act 2:**	
Docket Stat Cd:		**Contested Ind:**	No
Contested Dt:			

Event No:	1121020	**Initial Viol No:**	
Mine Name:	Guadalupe	**Replaced by Ord No:**	
Mine Type:	Surface	**Likelihood:**	Unlikely
Controller ID:	M11038	**Inj Illness:**	LostDays
Controller Name:	Estate of David(Sam) Johnson; Brad Johnson	**No Affected:**	5
Inspection Begin Dt:	10/06/2003	**Negligence:**	ModNegligence
Inspection End Dt:	10/08/2003	**Written Notice:**	
Violation No:	6348352	**Enforcement Area:**	
Violator ID:	L14461	**Special Assess:**	No
Violator Name:	California Rock & Asphalt Inc	**Primary or Mill:**	Primary
Violator Type CD:	Operator	**Right to Conf Dt:**	10/07/2003
Violation Issue Dt:	10/07/2003	**Asmt Generated Ind:**	No
Violation Issue Time:	0820	**Final Ord Issue Dt:**	02/06/2004
Violation Occur Dt:	10/07/2003	**Proposed Penalty:**	60
Violator Violation Cnt:	37	**Amount Due:**	60
Violator Insp Day Cnt:	21	**Amount Paid:**	60
Contractor ID:		**Bill Print Dt:**	12/09/2003
Cit Ord Safe:	Citation	**Last Action Cd:**	Paid
Orig Term Due Dt:		**Last Action Dt:**	02/09/2004
Orig Term Due Tm:		**Coal Metal Ind:**	M
Latest Term Due Dt:	10/10/2003	**Cal Yr:**	2003
Latest Term Due Tm:	1200	**Cal Qtr:**	4
Termination Dt:	10/08/2003	**Fiscal Yr:**	2004
Termination Time:	0945	**Fiscal Qtr:**	1
Termination Type:	Terminated	**Sig Sub:**	No

Vacate Dt:		**Section of Act:**	
Vacate Time:		**Part Section:**	47.31(a)
Assess Case Stat Cd:	Closed	**Section of Act 1:**	104(a)
Docket No:		**Section of Act 2:**	
Docket Stat Cd:		**Contested Ind:**	No
Contested Dt:			

Event No:	1162004	**Initial Viol No:**	
Mine Name:	Guadalupe	**Replaced by Ord No:**	
Mine Type:	Surface	**Likelihood:**	Reasonably
Controller ID:	0076453	**Inj Illness:**	LostDays
Controller Name:	Dan Evans; Wayne Evans	**No Affected:**	1
Inspection Begin Dt:	11/02/2010	**Negligence:**	ModNegligence
Inspection End Dt:	11/03/2010	**Written Notice:**	
Violation No:	6386033	**Enforcement Area:**	
Violator ID:	0091225	**Special Assess:**	No
Violator Name:	Evans Brothers Inc	**Primary or Mill:**	Primary
Violator Type CD:	Operator	**Right to Conf Dt:**	
Violation Issue Dt:	11/02/2010	**Asmt Generated Ind:**	No
Violation Issue Time:	1025	**Final Ord Issue Dt:**	01/27/2011
Violation Occur Dt:	11/02/2010	**Proposed Penalty:**	100
Violator Violation Cnt:	3	**Amount Due:**	100
Violator Insp Day Cnt:	6	**Amount Paid:**	100
Contractor ID:		**Bill Print Dt:**	12/08/2010
Cit Ord Safe:	Citation	**Last Action Cd:**	Paid
Orig Term Due Dt:	11/02/2010	**Last Action Dt:**	01/05/2011
Orig Term Due Tm:	1130	**Coal Metal Ind:**	M
Latest Term Due Dt:	11/02/2010	**Cal Yr:**	2010
Latest Term Due Tm:	1130	**Cal Qtr:**	4
Termination Dt:	11/02/2010	**Fiscal Yr:**	2011
Termination Time:	1110	**Fiscal Qtr:**	1
Termination Type:	Terminated	**Sig Sub:**	Yes
Vacate Dt:		**Section of Act:**	
Vacate Time:		**Part Section:**	56.20003(a)
Assess Case Stat Cd:	Closed	**Section of Act 1:**	104(a)
Docket No:		**Section of Act 2:**	
Docket Stat Cd:		**Contested Ind:**	No
Contested Dt:			

Event No:	0614589	**Initial Viol No:**	
Mine Name:	Guadalupe	**Replaced by Ord No:**	
Mine Type:	Surface	**Likelihood:**	Reasonably
Controller ID:	M11038	**Inj Illness:**	LostDays
Controller Name:	Estate of David(Sam) Johnson; Brad Johnson	**No Affected:**	1
Inspection Begin Dt:	02/24/2000	**Negligence:**	ModNegligence
Inspection End Dt:	03/03/2000	**Written Notice:**	
Violation No:	7972860	**Enforcement Area:**	
Violator ID:	L14461	**Special Assess:**	No
Violator Name:	California Rock & Asphalt Inc	**Primary or Mill:**	Primary
Violator Type CD:	Operator	**Right to Conf Dt:**	02/24/2000
Violation Issue Dt:	02/24/2000	**Asmt Generated Ind:**	No
Violation Issue Time:	0905	**Final Ord Issue Dt:**	05/03/2000
Violation Occur Dt:	02/24/2000	**Proposed Penalty:**	173
Violator Violation Cnt:	0	**Amount Due:**	173
Violator Insp Day Cnt:	0	**Amount Paid:**	173
Contractor ID:		**Bill Print Dt:**	04/05/2000
Cit Ord Safe:	Citation	**Last Action Cd:**	Paid
Orig Term Due Dt:		**Last Action Dt:**	05/03/2000
Orig Term Due Tm:		**Coal Metal Ind:**	M
Latest Term Due Dt:	02/24/2000	**Cal Yr:**	2000
Latest Term Due Tm:	1000	**Cal Qtr:**	1
Termination Dt:	02/24/2000	**Fiscal Yr:**	2000
Termination Time:	0908	**Fiscal Qtr:**	2
Termination Type:	Terminated	**Sig Sub:**	Yes
Vacate Dt:		**Section of Act:**	
Vacate Time:		**Part Section:**	56.12032
Assess Case Stat Cd:	Closed	**Section of Act 1:**	104(a)
Docket No:		**Section of Act 2:**	
Docket Stat Cd:		**Contested Ind:**	No

Contested Dt:

Event No:	1132381	**Initial Viol No:**	
Mine Name:	Guadalupe	**Replaced by Ord No:**	
Mine Type:	Surface	**Likelihood:**	NoLikelihood
Controller ID:	M11038	**Inj Illness:**	NoLostDays
Controller Name:	Estate of David(Sam) Johnson; Brad Johnson	**No Affected:**	0
Inspection Begin Dt:	02/20/2007	**Negligence:**	ModNegligence
Inspection End Dt:	02/21/2007	**Written Notice:**	
Violation No:	6387888	**Enforcement Area:**	
Violator ID:	L14461	**Special Assess:**	No
Violator Name:	California Rock & Asphalt Inc	**Primary or Mill:**	Primary
Violator Type CD:	Operator	**Right to Conf Dt:**	
Violation Issue Dt:	02/20/2007	**Asmt Generated Ind:**	No
Violation Issue Time:	1400	**Final Ord Issue Dt:**	05/25/2007
Violation Occur Dt:	02/20/2007	**Proposed Penalty:**	60
Violator Violation Cnt:	20	**Amount Due:**	60
Violator Insp Day Cnt:	10	**Amount Paid:**	60
Contractor ID:		**Bill Print Dt:**	04/10/2007
Cit Ord Safe:	Citation	**Last Action Cd:**	Paid
Orig Term Due Dt:	02/21/2007	**Last Action Dt:**	05/15/2007
Orig Term Due Tm:	0900	**Coal Metal Ind:**	M
Latest Term Due Dt:	02/21/2007	**Cal Yr:**	2007
Latest Term Due Tm:	0900	**Cal Qtr:**	1
Termination Dt:	02/21/2007	**Fiscal Yr:**	2007
Termination Time:	0930	**Fiscal Qtr:**	2
Termination Type:	Terminated	**Sig Sub:**	No
Vacate Dt:		**Section of Act:**	
Vacate Time:		**Part Section:**	50.30(a)
Assess Case Stat Cd:	Closed	**Section of Act 1:**	104(a)
Docket No:		**Section of Act 2:**	
Docket Stat Cd:		**Contested Ind:**	No
Contested Dt:			

Event No:	0646848	**Initial Viol No:**	
Mine Name:	Guadalupe	**Replaced by Ord No:**	
Mine Type:	Surface	**Likelihood:**	Reasonably
Controller ID:	M11038	**Inj Illness:**	LostDays
Controller Name:	Estate of David(Sam) Johnson; Brad Johnson	**No Affected:**	1
Inspection Begin Dt:	08/28/2002	**Negligence:**	ModNegligence
Inspection End Dt:	08/29/2002	**Written Notice:**	
Violation No:	6337562	**Enforcement Area:**	
Violator ID:	L14461	**Special Assess:**	No
Violator Name:	California Rock & Asphalt Inc	**Primary or Mill:**	Primary
Violator Type CD:	Operator	**Right to Conf Dt:**	08/28/2002
Violation Issue Dt:	08/28/2002	**Asmt Generated Ind:**	No
Violation Issue Time:	1130	**Final Ord Issue Dt:**	11/30/2002
Violation Occur Dt:	08/28/2002	**Proposed Penalty:**	150
Violator Violation Cnt:	0	**Amount Due:**	150
Violator Insp Day Cnt:	0	**Amount Paid:**	150
Contractor ID:		**Bill Print Dt:**	10/18/2002
Cit Ord Safe:	Citation	**Last Action Cd:**	Paid
Orig Term Due Dt:		**Last Action Dt:**	11/19/2002
Orig Term Due Tm:		**Coal Metal Ind:**	M
Latest Term Due Dt:	08/28/2002	**Cal Yr:**	2002
Latest Term Due Tm:	1400	**Cal Qtr:**	3
Termination Dt:	08/28/2002	**Fiscal Yr:**	2002
Termination Time:	1330	**Fiscal Qtr:**	4
Termination Type:	Terminated	**Sig Sub:**	Yes
Vacate Dt:		**Section of Act:**	
Vacate Time:		**Part Section:**	56.11001
Assess Case Stat Cd:	Closed	**Section of Act 1:**	104(a)
Docket No:		**Section of Act 2:**	
Docket Stat Cd:		**Contested Ind:**	No
Contested Dt:			

Event No:	1155278	**Initial Viol No:**	
Mine Name:	Guadalupe	**Replaced by Ord No:**	
Mine Type:	Surface	**Likelihood:**	

Controller ID:	0076453	**Inj Illness:**	
Controller Name:	Dan Evans; Wayne Evans	**No Affected:**	0
Inspection Begin Dt:	11/15/2011	**Negligence:**	
Inspection End Dt:	11/17/2011	**Written Notice:**	
Violation No:	8611180	**Enforcement Area:**	
Violator ID:	0091225	**Special Assess:**	No
Violator Name:	Evans Brothers Inc	**Primary or Mill:**	Primary
Violator Type CD:	Operator	**Right to Conf Dt:**	
Violation Issue Dt:	11/15/2011	**Asmt Generated Ind:**	No
Violation Issue Time:	0750	**Final Ord Issue Dt:**	
Violation Occur Dt:	11/15/2011	**Proposed Penalty:**	
Violator Violation Cnt:		**Amount Due:**	
Violator Insp Day Cnt:		**Amount Paid:**	
Contractor ID:		**Bill Print Dt:**	
Cit Ord Safe:	Order	**Last Action Cd:**	
Orig Term Due Dt:		**Last Action Dt:**	
Orig Term Due Tm:		**Coal Metal Ind:**	M
Latest Term Due Dt:		**Cal Yr:**	2011
Latest Term Due Tm:		**Cal Qtr:**	4
Termination Dt:	11/15/2011	**Fiscal Yr:**	2012
Termination Time:	0805	**Fiscal Qtr:**	1
Termination Type:	Terminated	**Sig Sub:**	
Vacate Dt:		**Section of Act:**	
Vacate Time:		**Part Section:**	
Assess Case Stat Cd:		**Section of Act 1:**	107(a)
Docket No:		**Section of Act 2:**	
Docket Stat Cd:		**Contested Ind:**	No
Contested Dt:			

Event No:	1139725	**Initial Viol No:**	
Mine Name:	Guadalupe	**Replaced by Ord No:**	
Mine Type:	Surface	**Likelihood:**	Unlikely
Controller ID:	0076453	**Inj Illness:**	LostDays
Controller Name:	Dan Evans; Wayne Evans	**No Affected:**	1
Inspection Begin Dt:	02/27/2008	**Negligence:**	ModNegligence
Inspection End Dt:	03/03/2008	**Written Notice:**	
Violation No:	6442562	**Enforcement Area:**	
Violator ID:	0091225	**Special Assess:**	No
Violator Name:	Evans Brothers Inc	**Primary or Mill:**	Primary
Violator Type CD:	Operator	**Right to Conf Dt:**	
Violation Issue Dt:	02/27/2008	**Asmt Generated Ind:**	No
Violation Issue Time:	1125	**Final Ord Issue Dt:**	09/12/2008
Violation Occur Dt:	02/27/2008	**Proposed Penalty:**	100
Violator Violation Cnt:	0	**Amount Due:**	100
Violator Insp Day Cnt:	3	**Amount Paid:**	100
Contractor ID:		**Bill Print Dt:**	08/06/2008
Cit Ord Safe:	Citation	**Last Action Cd:**	Paid
Orig Term Due Dt:	02/29/2008	**Last Action Dt:**	12/01/2008
Orig Term Due Tm:	1700	**Coal Metal Ind:**	M
Latest Term Due Dt:	02/29/2008	**Cal Yr:**	2008
Latest Term Due Tm:	1700	**Cal Qtr:**	1
Termination Dt:	02/28/2008	**Fiscal Yr:**	2008
Termination Time:	1045	**Fiscal Qtr:**	2
Termination Type:	Terminated	**Sig Sub:**	No
Vacate Dt:		**Section of Act:**	
Vacate Time:		**Part Section:**	56.14100(a)
Assess Case Stat Cd:	Closed	**Section of Act 1:**	104(a)
Docket No:		**Section of Act 2:**	
Docket Stat Cd:		**Contested Ind:**	No
Contested Dt:			

Event No:	0739143	**Initial Viol No:**	
Mine Name:	Guadalupe	**Replaced by Ord No:**	
Mine Type:	Surface	**Likelihood:**	Reasonably
Controller ID:	M11038	**Inj Illness:**	Fatal
Controller Name:	Estate of David(Sam) Johnson; Brad Johnson	**No Affected:**	1
Inspection Begin Dt:	04/24/2001	**Negligence:**	LowNegligence
Inspection End Dt:	05/09/2001	**Written Notice:**	
Violation No:	7987569	**Enforcement Area:**	

Violator ID:	L14461	**Special Assess:**	No
Violator Name:	California Rock & Asphalt Inc	**Primary or Mill:**	Mill
Violator Type CD:	Operator	**Right to Conf Dt:**	04/25/2001
Violation Issue Dt:	04/25/2001	**Asmt Generated Ind:**	No
Violation Issue Time:	1240	**Final Ord Issue Dt:**	07/16/2001
Violation Occur Dt:	04/25/2001	**Proposed Penalty:**	224
Violator Violation Cnt:	0	**Amount Due:**	224
Violator Insp Day Cnt:	0	**Amount Paid:**	224
Contractor ID:		**Bill Print Dt:**	06/14/2001
Cit Ord Safe:	Citation	**Last Action Cd:**	Paid
Orig Term Due Dt:		**Last Action Dt:**	07/16/2001
Orig Term Due Tm:		**Coal Metal Ind:**	M
Latest Term Due Dt:	04/25/2001	**Cal Yr:**	2001
Latest Term Due Tm:	1245	**Cal Qtr:**	2
Termination Dt:	05/02/2001	**Fiscal Yr:**	2001
Termination Time:	0805	**Fiscal Qtr:**	3
Termination Type:	Terminated	**Sig Sub:**	Yes
Vacate Dt:		**Section of Act:**	
Vacate Time:		**Part Section:**	56.12030
Assess Case Stat Cd:	Closed	**Section of Act 1:**	104(a)
Docket No:		**Section of Act 2:**	
Docket Stat Cd:		**Contested Ind:**	No
Contested Dt:			

Event No:	1162004	**Initial Viol No:**	
Mine Name:	Guadalupe	**Replaced by Ord No:**	
Mine Type:	Surface	**Likelihood:**	Unlikely
Controller ID:	0076453	**Inj Illness:**	LostDays
Controller Name:	Dan Evans; Wayne Evans	**No Affected:**	1
Inspection Begin Dt:	11/02/2010	**Negligence:**	ModNegligence
Inspection End Dt:	11/03/2010	**Written Notice:**	
Violation No:	6386031	**Enforcement Area:**	
Violator ID:	0091225	**Special Assess:**	No
Violator Name:	Evans Brothers Inc	**Primary or Mill:**	Primary
Violator Type CD:	Operator	**Right to Conf Dt:**	
Violation Issue Dt:	11/02/2010	**Asmt Generated Ind:**	No
Violation Issue Time:	0935	**Final Ord Issue Dt:**	01/27/2011
Violation Occur Dt:	11/02/2010	**Proposed Penalty:**	100
Violator Violation Cnt:	3	**Amount Due:**	100
Violator Insp Day Cnt:	6	**Amount Paid:**	100
Contractor ID:		**Bill Print Dt:**	12/08/2010
Cit Ord Safe:	Citation	**Last Action Cd:**	Paid
Orig Term Due Dt:	11/02/2010	**Last Action Dt:**	01/05/2011
Orig Term Due Tm:	1000	**Coal Metal Ind:**	M
Latest Term Due Dt:	11/02/2010	**Cal Yr:**	2010
Latest Term Due Tm:	1000	**Cal Qtr:**	4
Termination Dt:	11/02/2010	**Fiscal Yr:**	2011
Termination Time:	0940	**Fiscal Qtr:**	1
Termination Type:	Terminated	**Sig Sub:**	No
Vacate Dt:		**Section of Act:**	
Vacate Time:		**Part Section:**	56.4201(a)(1)
Assess Case Stat Cd:	Closed	**Section of Act 1:**	104(a)
Docket No:		**Section of Act 2:**	
Docket Stat Cd:		**Contested Ind:**	No
Contested Dt:			

Event No:	1155070	**Initial Viol No:**	
Mine Name:	Guadalupe	**Replaced by Ord No:**	
Mine Type:	Surface	**Likelihood:**	Reasonably
Controller ID:	0076453	**Inj Illness:**	Permanent
Controller Name:	Dan Evans; Wayne Evans	**No Affected:**	1
Inspection Begin Dt:	08/24/2010	**Negligence:**	ModNegligence
Inspection End Dt:	08/25/2010	**Written Notice:**	
Violation No:	8561450	**Enforcement Area:**	
Violator ID:	0091225	**Special Assess:**	No
Violator Name:	Evans Brothers Inc	**Primary or Mill:**	Primary
Violator Type CD:	Operator	**Right to Conf Dt:**	
Violation Issue Dt:	08/24/2010	**Asmt Generated Ind:**	No
Violation Issue Time:	0920	**Final Ord Issue Dt:**	08/02/2011

Violation Occur Dt:	08/24/2010	**Proposed Penalty:**	127
Violator Violation Cnt:	6	**Amount Due:**	127
Violator Insp Day Cnt:	3	**Amount Paid:**	127
Contractor ID:		**Bill Print Dt:**	10/06/2010
Cit Ord Safe:	Citation	**Last Action Cd:**	Paid
Orig Term Due Dt:	08/25/2010	**Last Action Dt:**	09/26/2011
Orig Term Due Tm:	0800	**Coal Metal Ind:**	M
Latest Term Due Dt:	08/25/2010	**Cal Yr:**	2010
Latest Term Due Tm:	0800	**Cal Qtr:**	3
Termination Dt:	08/25/2010	**Fiscal Yr:**	2010
Termination Time:	0815	**Fiscal Qtr:**	4
Termination Type:	Terminated	**Sig Sub:**	Yes
Vacate Dt:		**Section of Act:**	
Vacate Time:		**Part Section:**	56.14107(a)
Assess Case Stat Cd:	Closed	**Section of Act 1:**	104(a)
Docket No:	WEST 2011-169M	**Section of Act 2:**	
Docket Stat Cd:	Accepted	**Contested Ind:**	Yes
Contested Dt:	10/27/2010		

Event No:	0646848	**Initial Viol No:**	
Mine Name:	Guadalupe	**Replaced by Ord No:**	
Mine Type:	Surface	**Likelihood:**	Reasonably
Controller ID:	M11038	**Inj Illness:**	LostDays
Controller Name:	Estate of David(Sam) Johnson; Brad Johnson	**No Affected:**	1
Inspection Begin Dt:	08/28/2002	**Negligence:**	ModNegligence
Inspection End Dt:	08/29/2002	**Written Notice:**	
Violation No:	6337559	**Enforcement Area:**	
Violator ID:	L14461	**Special Assess:**	No
Violator Name:	California Rock & Asphalt Inc	**Primary or Mill:**	Primary
Violator Type CD:	Operator	**Right to Conf Dt:**	08/28/2002
Violation Issue Dt:	08/28/2002	**Asmt Generated Ind:**	No
Violation Issue Time:	1050	**Final Ord Issue Dt:**	11/30/2002
Violation Occur Dt:	08/28/2002	**Proposed Penalty:**	150
Violator Violation Cnt:	0	**Amount Due:**	150
Violator Insp Day Cnt:	0	**Amount Paid:**	150
Contractor ID:		**Bill Print Dt:**	10/18/2002
Cit Ord Safe:	Citation	**Last Action Cd:**	Paid
Orig Term Due Dt:		**Last Action Dt:**	11/19/2002
Orig Term Due Tm:		**Coal Metal Ind:**	M
Latest Term Due Dt:	08/28/2002	**Cal Yr:**	2002
Latest Term Due Tm:	1500	**Cal Qtr:**	3
Termination Dt:	08/28/2002	**Fiscal Yr:**	2002
Termination Time:	1320	**Fiscal Qtr:**	4
Termination Type:	Terminated	**Sig Sub:**	Yes
Vacate Dt:		**Section of Act:**	
Vacate Time:		**Part Section:**	56.11001
Assess Case Stat Cd:	Closed	**Section of Act 1:**	104(a)
Docket No:		**Section of Act 2:**	
Docket Stat Cd:		**Contested Ind:**	No
Contested Dt:			

Event No:	1121020	**Initial Viol No:**	
Mine Name:	Guadalupe	**Replaced by Ord No:**	
Mine Type:	Surface	**Likelihood:**	Unlikely
Controller ID:	M11038	**Inj Illness:**	LostDays
Controller Name:	Estate of David(Sam) Johnson; Brad Johnson	**No Affected:**	1
Inspection Begin Dt:	10/06/2003	**Negligence:**	ModNegligence
Inspection End Dt:	10/08/2003	**Written Notice:**	
Violation No:	6348354	**Enforcement Area:**	
Violator ID:	L14461	**Special Assess:**	No
Violator Name:	California Rock & Asphalt Inc	**Primary or Mill:**	Primary
Violator Type CD:	Operator	**Right to Conf Dt:**	10/07/2003
Violation Issue Dt:	10/07/2003	**Asmt Generated Ind:**	No
Violation Issue Time:	0925	**Final Ord Issue Dt:**	12/19/2003
Violation Occur Dt:	10/07/2003	**Proposed Penalty:**	60
Violator Violation Cnt:	37	**Amount Due:**	60
Violator Insp Day Cnt:	21	**Amount Paid:**	60
Contractor ID:		**Bill Print Dt:**	11/04/2003
Cit Ord Safe:	Citation	**Last Action Cd:**	Paid

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Orig Term Due Dt:		**Last Action Dt:**	11/28/2003
Orig Term Due Tm:		**Coal Metal Ind:**	M
Latest Term Due Dt:	10/08/2003	**Cal Yr:**	2003
Latest Term Due Tm:	0900	**Cal Qtr:**	4
Termination Dt:	10/08/2003	**Fiscal Yr:**	2004
Termination Time:	0930	**Fiscal Qtr:**	1
Termination Type:	Terminated	**Sig Sub:**	No
Vacate Dt:		**Section of Act:**	
Vacate Time:		**Part Section:**	56.4230(a)(1)
Assess Case Stat Cd:	Closed	**Section of Act 1:**	104(a)
Docket No:		**Section of Act 2:**	
Docket Stat Cd:		**Contested Ind:**	No
Contested Dt:			

3	*1 of 4*	*NNW*	*0.06 / 311.41*	*158.94 / -67*	***DOLBY LABORATORIES 175 S HILL DR BRISBANE CA 94005***	***DELISTED HAZ***

Siteid:	25660
Latitude:	37.689739
Longitude:	-122.420380
Original Source:	CHAZ
Record Date:	20-OCT-2017

3	*2 of 4*	*NNW*	*0.06 / 311.41*	*158.94 / -67*	***DOLBY LABORATORIES INC 175 SO HILL DRIVE BRISBANE CA 94005***	***EMISSIONS***

1998 Criteria Data

Facility ID:	10052	**CERR Code:**	
Facility SIC Code:	3672	**TOGT:**	1
CO:	41	**ROGT:**	.48958
Air Basin:	SF	**COT:**	
District:	BA	**NOXT:**	
COID:	SM	**SOXT:**	
DISN:	BAY AREA AQMD	**PMT:**	
CHAPIS:		**PM10T:**	

1998 Toxic Data

Facility ID:	10052	**COID:**	SM
Facility SIC Code:	3672	**DISN:**	BAY AREA AQMD
CO:	41	**CHAPIS:**	
Air Basin:	SF	**CERR Code:**	
District:	BA		
TS:			
Health Risk Asmt:			
Non-Cancer Chronic Haz Ind:			
Non-Cancer Acute Haz Ind:			

1999 Criteria Data

Facility ID:	10052	**CERR Code:**	
Facility SIC Code:	3672	**TOGT:**	1.003
CO:	41	**ROGT:**	.6
Air Basin:	SF	**COT:**	
District:	BA	**NOXT:**	
COID:	SM	**SOXT:**	
DISN:	BAY AREA AQMD	**PMT:**	
CHAPIS:		**PM10T:**	

1999 Toxic Data

Facility ID:	10052	***COID:***	SM
Facility SIC Code:	3672	***DISN:***	BAY AREA AQMD
CO:	41	***CHAPIS:***	
Air Basin:	SF	***CERR Code:***	
District:	BA		
TS:			
Health Risk Asmt:			
Non-Cancer Chronic Haz Ind:			
Non-Cancer Acute Haz Ind:			

2000 Criteria Data

Facility ID:	10052	***CERR Code:***	
Facility SIC Code:	3672	***TOGT:***	1.003
CO:	41	***ROGT:***	.6
Air Basin:	SF	***COT:***	
District:	BA	***NOXT:***	
COID:	SM	***SOXT:***	
DISN:	BAY AREA AQMD	***PMT:***	
CHAPIS:		***PM10T:***	

2000 Toxic Data

Facility ID:	10052	***COID:***	SM
Facility SIC Code:	3672	***DISN:***	BAY AREA AQMD
CO:	41	***CHAPIS:***	
Air Basin:	SF	***CERR Code:***	
District:	BA		
TS:			
Health Risk Asmt:			
Non-Cancer Chronic Haz Ind:			
Non-Cancer Acute Haz Ind:			

2001 Criteria Data

Facility ID:	10052	***CERR Code:***	
Facility SIC Code:	3672	***TOGT:***	.47
CO:	41	***ROGT:***	.46
Air Basin:	SF	***COT:***	
District:	BA	***NOXT:***	
COID:	SM	***SOXT:***	
DISN:	BAY AREA AQMD	***PMT:***	
CHAPIS:		***PM10T:***	

2001 Toxic Data

Facility ID:	10052	***COID:***	SM
Facility SIC Code:	3672	***DISN:***	BAY AREA AQMD
CO:	41	***CHAPIS:***	
Air Basin:	SF	***CERR Code:***	
District:	BA		
TS:			
Health Risk Asmt:			
Non-Cancer Chronic Haz Ind:			
Non-Cancer Acute Haz Ind:			

2002 Criteria Data

Facility ID:	10052	***CERR Code:***	

Facility SIC Code:	3669	**TOGT:**	.108
CO:	41	**ROGT:**	.069328
Air Basin:	SF	**COT:**	
District:	BA	**NOXT:**	
COID:	SM	**SOXT:**	
DISN:	BAY AREA AQMD	**PMT:**	
CHAPIS:		**PM10T:**	

2002 Toxic Data

Facility ID:	10052	**COID:**	SM
Facility SIC Code:	3669	**DISN:**	BAY AREA AQMD
CO:	41	**CHAPIS:**	
Air Basin:	SF	**CERR Code:**	
District:	BA		
TS:			
Health Risk Asmt:			
Non-Cancer Chronic Haz Ind:			
Non-Cancer Acute Haz Ind:			

2003 Criteria Data

Facility ID:	10052	**CERR Code:**	
Facility SIC Code:	3669	**TOGT:**	.074
CO:	41	**ROGT:**	.03
Air Basin:	SF	**COT:**	
District:	BA	**NOXT:**	
COID:	SM	**SOXT:**	
DISN:	BAY AREA AQMD	**PMT:**	
CHAPIS:		**PM10T:**	

2003 Toxic Data

Facility ID:	10052	**COID:**	SM
Facility SIC Code:	3669	**DISN:**	BAY AREA AQMD
CO:	41	**CHAPIS:**	
Air Basin:	SF	**CERR Code:**	
District:	BA		
TS:			
Health Risk Asmt:			
Non-Cancer Chronic Haz Ind:			
Non-Cancer Acute Haz Ind:			

2004 Criteria Data

Facility ID:	10052	**CERR Code:**	
Facility SIC Code:	3669	**TOGT:**	.074
CO:	41	**ROGT:**	.036416
Air Basin:	SF	**COT:**	
District:	BA	**NOXT:**	
COID:	SM	**SOXT:**	
DISN:	BAY AREA AQMD	**PMT:**	
CHAPIS:		**PM10T:**	

2004 Toxic Data

Facility ID:	10052	**COID:**	SM
Facility SIC Code:	3669	**DISN:**	BAY AREA AQMD
CO:	41	**CHAPIS:**	
Air Basin:	SF	**CERR Code:**	
District:	BA		
TS:			
Health Risk Asmt:			

Non-Cancer Chronic Haz Ind:
Non-Cancer Acute Haz Ind:

2005 Criteria Data

Facility ID:	10052	***CERR Code:***	
Facility SIC Code:	3669	***TOGT:***	.074
CO:	41	***ROGT:***	.036416
Air Basin:	SF	***COT:***	
District:	BA	***NOXT:***	
COID:	SM	***SOXT:***	
DISN:	BAY AREA AQMD	***PMT:***	
CHAPIS:		***PM10T:***	

2005 Toxic Data

Facility ID:	10052	***COID:***	SM
Facility SIC Code:	3669	***DISN:***	BAY AREA AQMD
CO:	41	***CHAPIS:***	
Air Basin:	SF	***CERR Code:***	
District:	BA		
TS:			
Health Risk Asmt:			
Non-Cancer Chronic Haz Ind:			
Non-Cancer Acute Haz Ind:			

2006 Criteria Data

Facility ID:	10052	***CERR Code:***	
Facility SIC Code:	3669	***TOGT:***	.592
CO:	41	***ROGT:***	.271448
Air Basin:	SF	***COT:***	
District:	BA	***NOXT:***	
COID:	SM	***SOXT:***	
DISN:	BAY AREA AQMD	***PMT:***	
CHAPIS:		***PM10T:***	

2006 Toxic Data

Facility ID:	10052	***COID:***	SM
Facility SIC Code:	3669	***DISN:***	BAY AREA AQMD
CO:	41	***CHAPIS:***	
Air Basin:	SF	***CERR Code:***	
District:	BA		
TS:			
Health Risk Asmt:			
Non-Cancer Chronic Haz Ind:			
Non-Cancer Acute Haz Ind:			

2007 Criteria Data

Facility ID:	10052	***CERR Code:***	
Facility SIC Code:	3669	***TOGT:***	.592
CO:	41	***ROGT:***	.271448
Air Basin:	SF	***COT:***	
District:	BA	***NOXT:***	
COID:	SM	***SOXT:***	
DISN:	BAY AREA AQMD	***PMT:***	
CHAPIS:		***PM10T:***	

2007 Toxic Data

Facility ID:	10052	**COID:**	SM
Facility SIC Code:	3669	**DISN:**	BAY AREA AQMD
CO:	41	**CHAPIS:**	
Air Basin:	SF	**CERR Code:**	
District:	BA		
TS:			
Health Risk Asmt:			
Non-Cancer Chronic Haz Ind:			
Non-Cancer Acute Haz Ind:			

2008 Criteria Data

Facility ID:	10052	**CERR Code:**	
Facility SIC Code:	3669	**TOGT:**	.592
CO:	41	**ROGT:**	.271448
Air Basin:	SF	**COT:**	
District:	BA	**NOXT:**	
COID:	SM	**SOXT:**	
DISN:	BAY AREA AQMD	**PMT:**	
CHAPIS:		**PM10T:**	

2008 Toxic Data

Facility ID:	10052	**COID:**	SM
Facility SIC Code:	3669	**DISN:**	BAY AREA AQMD
CO:	41	**CHAPIS:**	
Air Basin:	SF	**CERR Code:**	
District:	BA		
TS:			
Health Risk Asmt:			
Non-Cancer Chronic Haz Ind:			
Non-Cancer Acute Haz Ind:			

2009 Criteria Data

Facility ID:	10052	**CERR Code:**	
Facility SIC Code:	3669	**TOGT:**	.592
CO:	41	**ROGT:**	.271448
Air Basin:	SF	**COT:**	
District:	BA	**NOXT:**	
COID:	SM	**SOXT:**	
DISN:	BAY AREA AQMD	**PMT:**	
CHAPIS:		**PM10T:**	

2009 Toxic Data

Facility ID:	10052	**COID:**	SM
Facility SIC Code:	3669	**DISN:**	BAY AREA AQMD
CO:	41	**CHAPIS:**	
Air Basin:	SF	**CERR Code:**	
District:	BA		
TS:			
Health Risk Asmt:			
Non-Cancer Chronic Haz Ind:			
Non-Cancer Acute Haz Ind:			

2010 Toxic Data

Facility ID:	10052	**COID:**	SM
Facility SIC Code:	3669	**DISN:**	BAY AREA AQMD
CO:	41	**CHAPIS:**	
Air Basin:	SF	**CERR Code:**	
District:	BA		

TS:
Health Risk Asmt:
Non-Cancer Chronic Haz Ind:
Non-Cancer Acute Haz Ind:

2011 Criteria Data

Facility ID:	10052	***CERR Code:***	
Facility SIC Code:	3669	***TOGT:***	.124
CO:	41	***ROGT:***	.0713523
Air Basin:	SF	***COT:***	
District:	BA	***NOXT:***	
COID:	SM	***SOXT:***	
DISN:	BAY AREA AQMD	***PMT:***	
CHAPIS:		***PM10T:***	

2011 Toxic Data

Facility ID:	10052	***COID:***	SM
Facility SIC Code:	3669	***DISN:***	BAY AREA AQMD
CO:	41	***CHAPIS:***	
Air Basin:	SF	***CERR Code:***	
District:	BA		
TS:			
Health Risk Asmt:			
Non-Cancer Chronic Haz Ind:			
Non-Cancer Acute Haz Ind:			

2012 Criteria Data

Facility ID:	10052	***CERR Code:***	
Facility SIC Code:	3669	***TOGT:***	.058
CO:	41	***ROGT:***	.0232
Air Basin:	SF	***COT:***	
District:	BA	***NOXT:***	
COID:	SM	***SOXT:***	
DISN:	BAY AREA AQMD	***PMT:***	
CHAPIS:		***PM10T:***	

2012 Toxic Data

Facility ID:	10052	***COID:***	SM
Facility SIC Code:	3669	***DISN:***	BAY AREA AQMD
CO:	41	***CHAPIS:***	
Air Basin:	SF	***CERR Code:***	
District:	BA		
TS:			
Health Risk Asmt:			
Non-Cancer Chronic Haz Ind:			
Non-Cancer Acute Haz Ind:			

2013 Criteria Data

Facility ID:	10052	***CERR Code:***	
Facility SIC Code:	3669	***TOGT:***	.058
CO:	41	***ROGT:***	.0232
Air Basin:	SF	***COT:***	
District:	BA	***NOXT:***	
COID:	SM	***SOXT:***	
DISN:	BAY AREA AQMD	***PMT:***	
CHAPIS:		***PM10T:***	

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

2013 Toxic Data

Facility ID:	10052	***COID:***	SM
Facility SIC Code:	3669	***DISN:***	BAY AREA AQMD
CO:	41	***CHAPIS:***	
Air Basin:	SF	***CERR Code:***	
District:	BA		
TS:			
Health Risk Asmt:			
Non-Cancer Chronic Haz Ind:			
Non-Cancer Acute Haz Ind:			

2014 Criteria Data

Facility ID:	10052	***CERR Code:***	
Facility SIC Code:	3669	***TOGT:***	.058135194
CO:	41	***ROGT:***	
Air Basin:	SF	***COT:***	
District:	BA	***NOXT:***	
COID:	SM	***SOXT:***	
DISN:	BAY AREA AQMD	***PMT:***	
CHAPIS:		***PM10T:***	

2014 Toxic Data

Facility ID:	10052	***COID:***	SM
Facility SIC Code:	3669	***DISN:***	BAY AREA AQMD
CO:	41	***CHAPIS:***	
Air Basin:	SF	***CERR Code:***	
District:	BA		
TS:			
Health Risk Asmt:			
Non-Cancer Chronic Haz Ind:			
Non-Cancer Acute Haz Ind:			

2015 Criteria Data

Facility ID:	10052	***CERR Code:***	
Facility SIC Code:	3669	***TOGT:***	.145337975
CO:	41	***ROGT:***	.05813519
Air Basin:	SF	***COT:***	
District:	BA	***NOXT:***	
COID:	SM	***SOXT:***	
DISN:	BAY AREA AQMD	***PMT:***	
CHAPIS:		***PM10T:***	

2015 Toxic Data

Facility ID:	10052	***COID:***	SM
Facility SIC Code:	3669	***DISN:***	BAY AREA AQMD
CO:	41	***CHAPIS:***	
Air Basin:	SF	***CERR Code:***	
District:	BA		
TS:			
Health Risk Asmt:			
Non-Cancer Chronic Haz Ind:			
Non-Cancer Acute Haz Ind:			

3	***3 of 4***	***NNW***	***0.06 / 311.41***	***158.94 / -67***	***BALZER/SHOPES INC 175 SO HILL DRIVE BRISBANE CA 94005***	***EMISSIONS***

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

1987 Criteria Data

Facility ID:	3620	***CERR Code:***	
Facility SIC Code:	7336	***TOGT:***	.8
CO:	41	***ROGT:***	.8
Air Basin:	SF	***COT:***	
District:	BA	***NOXT:***	
COID:	SM	***SOXT:***	
DISN:	BAY AREA AQMD	***PMT:***	
CHAPIS:		***PM10T:***	

1987 Toxic Data

Facility ID:	3620	***COID:***	SM
Facility SIC Code:	7336	***DISN:***	BAY AREA AQMD
CO:	41	***CHAPIS:***	
Air Basin:	SF	***CERR Code:***	
District:	BA		
TS:			
Health Risk Asmt:			
Non-Cancer Chronic Haz Ind:			
Non-Cancer Acute Haz Ind:			

1990 Criteria Data

Facility ID:	3620	***CERR Code:***	
Facility SIC Code:	7336	***TOGT:***	2.5
CO:	41	***ROGT:***	2.5
Air Basin:	SF	***COT:***	
District:	BA	***NOXT:***	
COID:	SM	***SOXT:***	
DISN:	BAY AREA AQMD	***PMT:***	
CHAPIS:		***PM10T:***	

1990 Toxic Data

Facility ID:	3620	***COID:***	SM
Facility SIC Code:	7336	***DISN:***	BAY AREA AQMD
CO:	41	***CHAPIS:***	
Air Basin:	SF	***CERR Code:***	
District:	BA		
TS:			
Health Risk Asmt:			
Non-Cancer Chronic Haz Ind:			
Non-Cancer Acute Haz Ind:			

3	***4 of 4***	***NNW***	***0.06 / 311.41***	***158.94 / -67***	***BALZER SHOPES INC 175 S HILL DR BRISBANE CA 94005***	***RCRA SQG***

EPA Handler ID:	CAD983640004
Land Type Code:	P
Land Type Desc:	Private
Federal Waste Generator Code:	2
Gen Status Univ:	SQG
Gen Status Univ Desc:	Small Quantity Generator
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility:	No
Recycler Activity:	No
Onsite Burner Exemption:	No
Furnace Exemption:	No

Underground Inject Activity:	No
Receives Waste from Offsite:	No
TSD Type:	-----
TSD Activity:	No
Corrective Action Univ:	No
Action has been Imposed:	No
Action under 3004 (U)/(V):	No
Institutional Control Indicator:	N
Used Oil Transporter:	
Used Oil Transfer Facility:	
Used Oil Processor:	
Used Oil Refiner:	
Used Oil Burner:	
Used Oil Market Burner:	
Used Oil Spec Marketer:	
Activity Location:	CA
County Code:	CA081
County Name:	SAN MATEO
Contact Name:	DAVID BLAZER
Contact Phone No and Exten:	415-468-6550
Contact Email:	
Contact Address:	175 S HILL DR , BRISBANE , CA, 94005 , US
Mailing Address:	175 , S HILL DR , BRISBANE , CA, 94005 , US

Violation/Evaluation Summary

Note: NO RECORDS: As of Jan 24 2018, there are no Compliance Monitoring and Enforcement (violation) records associated with this facility (EPA ID).

Handler Details

Source Type:	N	***Used Oil Transporter:***	No
Receive Date:	19920622	***UO Transfer Fac:***	No
Non Notifier:		***Used Oil Processor:***	No
Acknowledge Flag:		***Used Oil Refiner:***	No
Acknowledge Date:	19920716	***Used Oil Burner:***	No
Accessibility:		***UO Market Burner:***	No
Land Type:	P	***UO Spec Marketer:***	No
Fed Waste Gen Own:	HQ	***Current Site Name:***	BALZER SHOPES INC
Fed Waste Gen Cd:	2	***Location Street No:***	175
Fed Waste Gen Desc:	Small Quantity Generator	***Location Street 1:***	S HILL DR
ST Waste Gen Own:		***Location Street 2:***	
State Waste Gen Cd:		***Location City:***	BRISBANE
Short Term Gen:	No	***Location State:***	CA
Importer Activity:	No	***Location Zip Code:***	94005
Mixed Waste Gen:	No	***County Code:***	CA081
Transporter:	No	***State District:***	
Transfer Facility:	No	***Mailing Street No:***	175
TSD Activity:	No	***Mailing Street 1:***	S HILL DR
Recycler Activity:	No	***Mailing Street 2:***	
Onsite Burn Exempt:	No	***Mailing City:***	BRISBANE
Furnace Exemption:	No	***Mailing State:***	CA
Underground Inject:	No	***Mailing Zip Code:***	94005
Off Site Receipt:	No	***Mailing Country:***	US
Waste Dest Fac:	No	***Contact First Name:***	DAVID
Subpart K College:		***Contact Middle Initial:***	
Subpart K Hospital:		***Contact Last Name:***	BLAZER
Subpart K Non Profit:		***Contact Street No:***	
Subpart K Withdraw:		***Contact Street 1:***	175 S HILL DR
Include Ntnl Rprt:		***Contact Street 2:***	
Reporting Cycle:		***Contact City:***	BRISBANE
LQHUW:	No	***Contact State:***	CA
Trader Importer:		***Contact Zip:***	94005
Trader Exporter:		***Contact Country:***	US
Slab Importer:		***Contact Phone:***	415-468-6550
Slab Exporter:		***Contact Phone Ext:***	
Current Record:	Yes	***Contact Fax:***	

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Location Country: US
State District Owner:
Contact Email Addr:
Contact Title:

Owner/Operator Details

Owner/Operator Ind: CO
Name: HAROLD AND DAVID BALZER
Street No:
Street 1: 175 S HILL DR
Street 2:
City: BRISBANE
State: CA
Source Type: N
Country:
Zip Code: 94005
Phone: 415-468-6550
Type: C
Date Became Current:
Date Ended Current:

---

4 | **1 of 3** | **NE** | **0.09 / 470.63** | **137.11 / -89** | **LEEMAH ELECTRONICS**
155 SOUTH HILL DRIVE
BRISBANE CA 94005 | **CERS HAZ**

Site ID: 43890
Latitude: 37.688800
Longitude: -122.418500

Regulated Programs

EI ID: 10594126
EI Description: Chemical Storage Facilities

Affiliations

Affil Type Desc: Primary Emergency Contact
Entity Name: Too Lee
Entity Title: Facility Manager
Address:
City:
State:
Country:
Zip Code:
Phone: (415) 350-1728

Affil Type Desc: Secondary Emergency Contact
Entity Name: Devin Liau
Entity Title: Stock room manager
Address:
City:
State:
Country:
Zip Code:
Phone: (415) 350-1070

Affil Type Desc: Environmental Contact
Entity Name: Too Lee
Entity Title:
Address: 155 South Hill Drive
City: Brisbane
State: CA
Country:
Zip Code: 94005
Phone: (415) 394-1288

Affil Type Desc: Identification Signer
Entity Name: Too Lee
Entity Title: Facility Manager
Address:
City:
State:
Country:

Zip Code:
Phone:

Affil Type Desc: Document Preparer
Entity Name: Too Lee
Entity Title:
Address:
City:
State:
Country:
Zip Code:
Phone:

Affil Type Desc: Operator
Entity Name: Leemah Electronics
Entity Title:
Address:
City:
State:
Country:
Zip Code:
Phone: (415) 394-1288

Affil Type Desc: Facility Mailing Address
Entity Name: Mailing Address
Entity Title:
Address: 155 South Hill Drive
City: Brisbane
State: CA
Country:
Zip Code: 94005
Phone:

Affil Type Desc: Parent Corporation
Entity Name: Leemah Electronics
Entity Title:
Address:
City:
State:
Country:
Zip Code:
Phone:

Affil Type Desc: CUPA District
Entity Name: San Mateo County Environmental Health
Entity Title:
Address: 2000 Alameda de las Pulgas, Suite 100
City: San Mateo
State: CA
Country:
Zip Code: 94403
Phone: (650) 372-6200

Evaluations

Eval Date: 06-06-2017
Violations Found: No
Eval General Type: Compliance Evaluation Inspection
Eval Type: Routine done by local agency
Eval Division: San Mateo County Environmental Health
Eval Program: HW
Eval Source: CERS
Eval Notes:

Eval Date: 06-06-2017
Violations Found: Yes
Eval General Type: Compliance Evaluation Inspection

Eval Type: Routine done by local agency
Eval Division: San Mateo County Environmental Health
Eval Program: HMRRP
Eval Source: CERS
Eval Notes:

ESC picks up waste water Alpha picks up solid waste (lead, tin, paste...)

Eval Date: 06-21-2017
Violations Found: No
Eval General Type: Other/Unknown
Eval Type: Other, not routine, done by local agency
Eval Division: San Mateo County Environmental Health
Eval Program: HMRRP
Eval Source: CERS
Eval Notes:

Eval Date: 07-31-2017
Violations Found: No
Eval General Type: Other/Unknown
Eval Type: Other, not routine, done by local agency
Eval Division: San Mateo County Environmental Health
Eval Program: HMRRP
Eval Source: CERS
Eval Notes:

Eval Date: 06-16-2017
Violations Found: No
Eval General Type: Other/Unknown
Eval Type: Other, not routine, done by local agency
Eval Division: San Mateo County Environmental Health
Eval Program: HMRRP
Eval Source: CERS
Eval Notes:

Violations

Violation Date: 06-06-2017
Violation Division: San Mateo County Environmental Health
Citation: HSC 6.95 25507 - California Health and Safety Code, Chapter 6.95, Section(s) 25507
Violation Program:

HMRRP

Violation Source:

CERS

Violation Notes:

Returned to compliance on 08/31/2017. Facility has not submitted a Hazardous Materials Business Plan. Submit plan on line within 30 days I processed request for a User Name and Password today for Too Lee on County Website.

Violation Description:

Failure to adequately establish and implement a business plan when storing/handling a hazardous material at or above reportable quantities.

Enforcements

Enf Action Date: 12-13-2017
Enf Action Program: HMRRP
Enf Action Type: Notice of Violation (Unified Program)
Enf Action Source: CERS
Enf Action Division: San Mateo County Environmental Health
Enf Action Description: Notice of Violation Issued by the Inspector at the Time of Inspection

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Enf Action Notes:

1/11/18: Facility RTC 8/31/17.

4	*2 of 3*	*NE*	*0.09 / 470.63*	*137.11 / -89*	***CALIFORNIA STATE AUTOMOBILE*** ***155 SOUTH HILL DRIVE*** ***BRISBANE CA 94005***	***HHSS***

County: San Mateo
Pdf File Url: http://geotracker.waterboards.ca.gov/ustpdfs/pdf/0002bc78.pdf

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4	*3 of 3*	*NE*	*0.09 / 470.63*	*137.11 / -89*	***CALIFORNIA STATE AUTOMOBILE*** ***155 SOUTH HILL DRIVE*** ***BRISBANE CA***	***HIST TANK***

Owner Name: CALIFORNIA STATE AUTOMOBILE
Owner Street: 150 VAN NESS AVENUE
Owner City: SAN FRANCISCO
Owner State: CA
Owner Zip: 94102
No of Containers: 6
County: SAN MATEO
Facility State: CA
Facility Zip: 94005

5	*1 of 4*	*E*	*0.14 / 716.35*	*122.11 / -104*	***ESPRIT DE CORP*** ***123 SOUTH HILL DRIVE*** ***BRISBANE CA 94005***	***HHSS***

County: San Mateo
Pdf File Url: http://geotracker.waterboards.ca.gov/ustpdfs/pdf/0002c036.pdf

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5	*2 of 4*	*E*	*0.14 / 716.35*	*122.11 / -104*	***ESPRITT DE CORP*** ***123 SOUTH HILL DRIVE*** ***BRISBANE CA***	***HIST TANK***

Owner Name: MATTISON & SAIDLER
Owner Street: FOUR EMBARCADERO CENTER
Owner City: SAN FRANCISCO
Owner State: CA
Owner Zip: 94111
No of Containers: 1
County: SAN MATEO
Facility State: CA
Facility Zip: 94005

5	*3 of 4*	*E*	*0.14 / 716.35*	*122.11 / -104*	***ESPRIT DISTRIBUTING CENTER*** ***123 S HILL DR*** ***BRISBANE CA***	***SANMATEO LOP***

Case No: 560003
Case Type: Soil only affected
Global ID: T0608100200
Assessors Parcel No: 005280110

--Details--
Status: 9- Case Closed

5	*4 of 4*	*E*	*0.14 / 716.35*	*122.11 / -104*	***ESPRIT DISTRIBUTING CENTER*** ***123 SOUTH HILL DRIVE*** ***BRISBANE CA 94005***	***LUST***

Global ID: T0608100200
CUF Case: NO

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Case Type:	LUST Cleanup Site	**Begin Date:**	1987-05-09 00:00:00
Status:	Completed - Case Closed	**How Discovered:**	Other Means
Status Date:	1992-01-27 00:00:00	**Stop Method:**	Other Means
RB Case No:	41-0210	**County:**	San Mateo
LOC Case No:	560003	**Latitude:**	37.687622
Lead Agency:	SAN MATEO COUNTY LOP	**Longitude:**	-122.414327
Case Worker:	AJ	**File Location:**	Local Agency
Local Agency:	SAN MATEO COUNTY LOP		
Potential Media Of Concern:	Gasoline		
Potential Media Affected:	Soil		
How Discovered Description:			
Stop Description:			
Cal Water Watershed Name:	South Bay - San Mateo Bayside (204.40)		
DWR Groundwater Subbasin Name:	Visitacion Valley (2-32)		
Site History:			

Status History

Status:	Completed - Case Closed	**Status Date:**	1992-01-27 00:00:00
Status:	Open - Case Begin Date	**Status Date:**	1987-05-09 00:00:00

Activities

Action Type:	Other
Action:	Leak Discovery
Date:	1987-05-09 00:00:00
Action Type:	ENFORCEMENT
Action:	Notice of Responsibility - #1
Date:	1987-05-09 00:00:00
Action Type:	Other
Action:	Leak Reported
Date:	1987-05-09 00:00:00

Contacts

Contact Type:	Regional Board Caseworker	**City:**	OAKLAND
Contact Name:	Regional Water Board	**Email:**	
Organization Name:	SAN FRANCISCO BAY RWQCB (REGION 2)	**Phone No:**	
Address:	1515 CLAY ST SUITE 1400		
Contact Type:	Local Agency Caseworker	**City:**	SAN MATEO
Contact Name:	ANNE JUREK	**Email:**	ajurek@smcgov.org
Organization Name:	SAN MATEO COUNTY LOP	**Phone No:**	6504002523
Address:	2000 Alameda de las Pulgas Suite 100		

6	1 of 8	N	0.18 / 938.96	127.05 / -99	NORTH AMERICAN VAN LINES 485 VALLEY BRISBANE CA 94005	SANMATEO CUPA

Facility ID: FA0016669

--Details--

Record ID:	PR0022707
Status:	Inactive CUPA Facility Listing
Program Element Code:	2300
Program Element:	UNDERGROUND TANK - GENERAL

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
6	2 of 8	N	0.18 / 938.96	127.05 / -99	DHL FORWARDING 485 VALLEY BRISBANE CA 94005	SANMATEO CUPA

Facility ID: FA0026130

--Details--
Record ID: PR0068629
Status: Inactive CUPA Facility Listing
Program Element Code: 2200
Program Element: HAZARDOUS WASTE PROGRAM - GENERAL

Record ID: PR0037689
Status: Inactive CUPA Facility Listing
Program Element Code: 2160
Program Element: STORES MV FUELS OR WASTE ONLY

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
6	3 of 8	N	0.18 / 938.96	127.05 / -99	NORTH AMERICAN VAN LINES 485 VALLEY DRIVE BRISBANE CA 94005	HHSS

County: San Mateo
Pdf File Url: http://geotracker.waterboards.ca.gov/ustpdfs/pdf/0002bf23.pdf

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Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
6	4 of 8	N	0.18 / 938.96	127.05 / -99	NORTH AMERICAN VAN LINES 485 VALLEY DRIVE BRISBANE CA 94005	HHSS

County: San Mateo
Pdf File Url: http://geotracker.waterboards.ca.gov/ustpdfs/pdf/0002bf1f.pdf

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Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
6	5 of 8	N	0.18 / 938.96	127.05 / -99	NORTH AMERICAN VAN LINES 485 VALLEY DRIVE BRISBANE CA	HIST TANK

Owner Name: HENRY KIRSTENBAUM
Owner Street: 55 WEYMAN
Owner City: NEW ROCHELLE
Owner State: NY
Owner Zip: 10805
No of Containers: 1
County: SAN MATEO
Facility State: CA
Facility Zip: 94005

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
6	6 of 8	N	0.18 / 938.96	127.05 / -99	NORTH AMERICAN VAN LINES 485 VALLEY DRIVE BRISBANE CA	HIST TANK

Owner Name: HENERY KIRSHENBAUM
Owner Street: 55 WEYMEN
Owner City: NEW ROCHELLE
Owner State: NY
Owner Zip: 10805
No of Containers: 2
County: SAN MATEO
Facility State: CA
Facility Zip: 94005

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
6	7 of 8	N	0.18 / 938.96	127.05 / -99	PRINCIPAL FINANCIAL GROUP 485 VALLEY DR BRISBANE CA	SANMATEO LOP

Case No: 560013
Case Type: Soil only affected
Global ID: T0608100408
Assessors Parcel No: 005242190

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

--Details--

Status: 9- Case Closed

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6 | ***8 of 8*** | ***N*** | ***0.18 / 938.96*** | ***127.05 / -99*** | ***PRINCIPAL FINANCIAL GROUP***
485 VALLEY
BRISBANE CA 94005 | ***LUST***

Global ID:	T0608100408	***CUF Case:***	NO
Case Type:	LUST Cleanup Site	***Begin Date:***	1989-06-01 00:00:00
Status:	Completed - Case Closed	***How Discovered:***	Other Means
Status Date:	1990-09-19 00:00:00	***Stop Method:***	Other Means
RB Case No:	41-0429	***County:***	San Mateo
LOC Case No:	560013	***Latitude:***	37.690911
Lead Agency:	SAN MATEO COUNTY LOP	***Longitude:***	-122.419348
Case Worker:	AJ	***File Location:***	Local Agency
Local Agency:	SAN MATEO COUNTY LOP		
Potential Media Of Concern:	Gasoline		
Potential Media Affected:	Soil		
How Discovered Description:			
Stop Description:			
Cal Water Watershed Name:	South Bay - San Mateo Bayside (204.40)		
DWR Groundwater Subbasin Name:	Visitacion Valley (2-32)		
Site History:			

Status History

Status:	Open - Case Begin Date	***Status Date:***	1989-06-01 00:00:00
Status:	Completed - Case Closed	***Status Date:***	1990-09-19 00:00:00

Activities

Action Type:	Other
Action:	Leak Discovery
Date:	1989-06-01 00:00:00
Action Type:	Other
Action:	Leak Reported
Date:	1989-06-01 00:00:00
Action Type:	ENFORCEMENT
Action:	Notice of Responsibility - #1
Date:	1989-12-18 00:00:00

Contacts

Contact Type:	Local Agency Caseworker	***City:***	SAN MATEO
Contact Name:	ANNE JUREK	***Email:***	ajurek@smcgov.org
Organization Name:	SAN MATEO COUNTY LOP	***Phone No:***	6504002523
Address:	2000 Alameda de las Pulgas Suite 100		
Contact Type:	Regional Board Caseworker	***City:***	OAKLAND
Contact Name:	Regional Water Board	***Email:***	
Organization Name:	SAN FRANCISCO BAY RWQCB (REGION 2)	***Phone No:***	
Address:	1515 CLAY ST SUITE 1400		

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7 | ***1 of 7*** | ***N*** | ***0.19 / 997.70*** | ***133.48 / -93*** | ***FRITO LAY INC***
499 VALLEY
BRISBANE CA 94005 | ***SANMATEO CUPA***

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Facility ID: FA0034807

--Details--
Record ID: PR0052813
Status: Active CUPA Facility Listing
Program Element Code: 2161
Program Element: STORES HAZ MAT <219GAL,1,999LB, 879CF

Record ID: PR0052814
Status: Active CUPA Facility Listing
Program Element Code: 2220
Program Element: GENERATES & RECYCLES WASTE OIL/SOLVENT

Record ID: PR0059855
Status: Active CUPA Facility Listing
Program Element Code: 1801
Program Element: LESS THAN 500 TIRES

7	2 of 7	N	0.19 / 997.70	133.48 / -93	BAY AREA FLEET MAINTENANCE 499 VALLEY BRISBANE CA 94005	SANMATEO CUPA

Facility ID: FA0022695

--Details--
Record ID: PR0034511
Status: Inactive CUPA Facility Listing
Program Element Code: 2160
Program Element: STORES MV FUELS OR WASTE ONLY

Record ID: PR0025305
Status: Inactive CUPA Facility Listing
Program Element Code: 2220
Program Element: GENERATES & RECYCLES WASTE OIL/SOLVENT

7	3 of 7	N	0.19 / 997.70	133.48 / -93	CONSOLIDATED FREIGHTWAYS 499 VALLEY BRISBANE CA 94005	SANMATEO CUPA

Facility ID: FA0017921

--Details--
Record ID: PR0040000
Status: Inactive CUPA Facility Listing
Program Element Code: 2225
Program Element: GENERATES <27 GAL/YEAR

Record ID: PR0022697
Status: Inactive CUPA Facility Listing
Program Element Code: 2300
Program Element: UNDERGROUND TANK - GENERAL

Record ID: PR0032873
Status: Inactive CUPA Facility Listing
Program Element Code: 2161
Program Element: STORES HAZ MAT <219GAL,1,999LB, 879CF

7	4 of 7	N	0.19 / 997.70	133.48 / -93	CONSOLIDATED FREIGHTWAYS 499 VALLEY DRIVE	HHSS

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
					BRISBANE CA 94005	

County: San Mateo
Pdf File Url: http://geotracker.waterboards.ca.gov/ustpdfs/pdf/0002c1e4.pdf

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Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
7	5 of 7	N	0.19 / 997.70	133.48 / -93	CONSOLIDATED FREIGHTWAYS 499 VALLEY DRIVE BRISBANE CA	HIST TANK

Owner Name: ROBERT S. WEBBER
Owner Street: 1633 OLD BAYSHORE HIGHWAY
Owner City: BURLINGAME
Owner State: CA
Owner Zip: 94010
No of Containers: 5
County: SAN MATEO
Facility State: CA
Facility Zip: 94005

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
7	6 of 7	N	0.19 / 997.70	133.48 / -93	CONSOLIDATED FREIGHTWAYS 499 VALLEY DR BRISBANE CA	SANMATEO LOP

Case No: 560010
Case Type: Other Groundwater affected (uses other than drinking water)
Global ID: T0608100169
Assessors Parcel No: 005242180

--Details--
Status: 9- Case Closed

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
7	7 of 7	N	0.19 / 997.70	133.48 / -93	CONSOLIDATED FREIGHTWAYS 499 VALLEY BRISBANE CA 94005	LUST

Global ID: T0608100169
Case Type: LUST Cleanup Site
Status: Completed - Case Closed
Status Date: 2002-09-13 00:00:00
RB Case No: 41-0178
LOC Case No: 560010
Lead Agency: SAN MATEO COUNTY LOP
Case Worker: AJ
Local Agency: SAN MATEO COUNTY LOP
CUF Case: YES
Begin Date: 1989-05-11 00:00:00
How Discovered: Other Means
Stop Method: Other Means
County: San Mateo
Latitude: 37.691279
Longitude: -122.42068
File Location: Local Agency
Potential Media Of Concern: Gasoline
Potential Media Affected: Other Groundwater (uses other than drinking water)
How Discovered Description:
Stop Description:
Cal Water Watershed Name: South Bay - San Mateo Bayside (204.40)
DWR Groundwater Subbasin Name: Visitacion Valley (2-32)
Site History:

Status History

Status: Completed - Case Closed
Status Date: 2002-09-13 00:00:00

Status: Open - Case Begin Date
Status Date: 1989-05-11 00:00:00

Activities

Action Type: Other

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Action: Leak Discovery
Date: 1989-05-11 00:00:00

Action Type: ENFORCEMENT
Action: Notice of Responsibility - #1
Date: 1989-07-21 00:00:00

Action Type: REMEDIATION
Action:
Date: 1991-09-26 00:00:00

Action Type: Other
Action: Leak Reported
Date: 1989-05-11 00:00:00

Contacts

Contact Type: Local Agency Caseworker
Contact Name: ANNE JUREK
Organization Name: SAN MATEO COUNTY LOP
Address: 2000 Alameda de las Pulgas Suite 100
City: SAN MATEO
Email: ajurek@smcgov.org
Phone No: 6504002523

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:
Phone No:

8	1 of 3	NNE	0.19 / 998.85	116.18 / -110	DISPLAY WORKS 470 VALLEY BRISBANE CA 94005	SANMATEO CUPA

Facility ID: FA0026126

--Details--
Record ID: PR0042889
Status: Inactive CUPA Facility Listing
Program Element Code: 2225
Program Element: GENERATES <27 GAL/YEAR

Record ID: PR0037681
Status: Inactive CUPA Facility Listing
Program Element Code: 2161
Program Element: STORES HAZ MAT <219GAL,1,999LB, 879CF

8	2 of 3	NNE	0.19 / 998.85	116.18 / -110	DANGER PRODUCTIONS 470 VALLEY BRISBANE CA 94005	SANMATEO CUPA

Facility ID: FA0016746

--Details--
Record ID: PR0025223
Status: Inactive CUPA Facility Listing
Program Element Code: 2220
Program Element: GENERATES & RECYCLES WASTE OIL/SOLVENT

8	3 of 3	NNE	0.19 / 998.85	116.18 / -110	CA STATE TEACHERS RETIREMENT SYSTEM 470 VALLEY BRISBANE CA 94005	SANMATEO CUPA

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Facility ID: FA0022806

--Details--
Record ID: PR0025542
Status: Inactive CUPA Facility Listing
Program Element Code: 2300
Program Element: UNDERGROUND TANK - GENERAL

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
9	1 of 3	N	0.19 / 1,005.42	129.29 / -97	MAYDELL & HARTZELL INC 480 VALLEY BRISBANE CA 94005	SANMATEO CUPA

Facility ID: FA0016338

--Details--
Record ID: PR0022695
Status: Inactive CUPA Facility Listing
Program Element Code: 2300
Program Element: UNDERGROUND TANK - GENERAL

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
9	2 of 3	N	0.19 / 1,005.42	129.29 / -97	MAYDWELL AND HARTZELL INC 480 VALLEY DRIVE BRISBANE CA 94005	HHSS

County: San Mateo
Pdf File Url: http://geotracker.waterboards.ca.gov/ustpdfs/pdf/0002bb8a.pdf

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Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
9	3 of 3	N	0.19 / 1,005.42	129.29 / -97	MAYDWELL & HARTZELL, INC. 480 VALLEY DRIVE BRISBANE CA	HIST TANK

Owner Name: AMBORD CORPORATION
Owner Street: 480 VALLEY DRIVE
Owner City: BRISBANE
Owner State: CA
Owner Zip: 94005
No of Containers: 1
County: SAN MATEO
Facility State: CA
Facility Zip: 94005

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
10	1 of 3	N	0.20 / 1,052.03	135.82 / -90	Sprint Brisbane Switch 1 W HILL DR BRISBANE CA 94005-1220	CERS TANK

Site ID: 70164
Latitude: 37.693190
Longitude: -122.420840

Regulated Programs

EI ID: 10149377
EI Description: Chemical Storage Facilities

EI ID: 10149377
EI Description: Aboveground Petroleum Storage

Affiliations

Affil Type Desc: CUPA District
Entity Name: San Mateo County Environmental Health

Entity Title:
Address: 2000 Alameda de las Pulgas, Suite 100
City: San Mateo
State: CA
Country:
Zip Code: 94403
Phone: (650) 372-6200

Affil Type Desc: Identification Signer
Entity Name: Thomas Lau
Entity Title: Sprint West EHS Territory Manager
Address:
City:
State:
Country:
Zip Code:
Phone:

Affil Type Desc: Operator
Entity Name: Sprint
Entity Title:
Address:
City:
State:
Country:
Zip Code:
Phone: (877) 347-4457

Affil Type Desc: Facility Mailing Address
Entity Name: Mailing Address
Entity Title:
Address: PO BOX 7994
City: SHAWNEE MISSION
State: KS
Country:
Zip Code: 66207
Phone:

Affil Type Desc: Parent Corporation
Entity Name: Sprint United Management Co.
Entity Title:
Address:
City:
State:
Country:
Zip Code:
Phone:

Affil Type Desc: Secondary Emergency Contact
Entity Name: Network Management Center
Entity Title: Network Engineer
Address:
City:
State:
Country:
Zip Code:
Phone: (866) 400-6040

Affil Type Desc: Legal Owner
Entity Name: Sprint
Entity Title:
Address: PO BOX 7994
City: SHAWNEE MISSION
State: KS
Country: United States
Zip Code: 66207
Phone: (877) 347-4457

Affil Type Desc: Document Preparer

Entity Name: Thomas Lau
Entity Title:
Address:
City:
State:
Country:
Zip Code:
Phone:

Affil Type Desc: Environmental Contact
Entity Name: EHS Territory Manager
Entity Title:
Address: P.O. Box 7994
City: Shawnee Mission
State: KS
Country:
Zip Code: 66207
Phone: (877) 347-4457

Affil Type Desc: Primary Emergency Contact
Entity Name: Environmental, Health & Safety Help Line
Entity Title: Environmental, Health & Safety Help Line
Address:
City:
State:
Country:
Zip Code:
Phone: (877) 347-4457

Evaluations

Eval Date: 03-22-2016
Violations Found: No
Eval General Type: Other/Unknown
Eval Type: Other, not routine, done by local agency
Eval Division: San Mateo County Environmental Health
Eval Program: HMRRP
Eval Source: CERS
Eval Notes:

Eval Date: 05-09-2016
Violations Found: No
Eval General Type: Other/Unknown
Eval Type: Other, not routine, done by local agency
Eval Division: San Mateo County Environmental Health
Eval Program: HMRRP
Eval Source: CERS
Eval Notes:

Eval Date: 10-09-2014
Violations Found: Yes
Eval General Type: Compliance Evaluation Inspection
Eval Type: Routine done by local agency
Eval Division: San Mateo County Environmental Health
Eval Program: APSA
Eval Source: CERS
Eval Notes:

Eval Date: 05-20-2015
Violations Found: No
Eval General Type: Other/Unknown
Eval Type: Other, not routine, done by local agency
Eval Division: San Mateo County Environmental Health
Eval Program: APSA
Eval Source: CERS

Eval Notes:

Eval Date: 06-16-2017
Violations Found: No
Eval General Type: Compliance Evaluation Inspection
Eval Type: Routine done by local agency
Eval Division: San Mateo County Environmental Health
Eval Program: HMRRP
Eval Source: CERS
Eval Notes:

Eval Date: 10-09-2014
Violations Found: Yes
Eval General Type: Compliance Evaluation Inspection
Eval Type: Routine done by local agency
Eval Division: San Mateo County Environmental Health
Eval Program: HMRRP
Eval Source: CERS
Eval Notes:

Eval Date: 06-16-2017
Violations Found: No
Eval General Type: Compliance Evaluation Inspection
Eval Type: Routine done by local agency
Eval Division: San Mateo County Environmental Health
Eval Program: APSA
Eval Source: CERS
Eval Notes:

415 377-6495

Eval Date: 08-29-2013
Violations Found: No
Eval General Type: Other/Unknown
Eval Type: Other, not routine, done by local agency
Eval Division: San Mateo County Environmental Health
Eval Program: HMRRP
Eval Source: CERS
Eval Notes:

Eval Date: 12-10-2014
Violations Found: No
Eval General Type: Other/Unknown
Eval Type: Other, not routine, done by local agency
Eval Division: San Mateo County Environmental Health
Eval Program: HMRRP
Eval Source: CERS
Eval Notes:

Violations

Violation Date: 10-09-2014 ***Violation Program:***
Violation Division: San Mateo County Environmental Health ***Violation Source:***
Citation: HSC 6.67 25270.4.5(a) - California Health and Safety Code, Chapter 6.67, Section(s) 25270.4.5(a)
Violation Notes:

Returned to compliance on 05/18/2015. No records of inspection of transportable gen set tanks altho a written procedure exists. See CERS.

Violation Description:

Failure to comply with all of the following requirements:
1. Failure to conduct inspections and tests in accordance with written procedures that you or a certifying engineer have developed for the facility.
2. Failure to sign written procedures and/or a record of inspections and/or customary business records by the appropriate supervisor or inspector.

3. Failure to keep written procedures and/or a record of inspections and/or customary business records with the plan. AND
4. Failure to maintain written procedures and/or a record of inspections and/or customary business records for three years.

Violations

Violation Date: 10-09-2014 ***Violation Program:***
Violation Division: San Mateo County Environmental Health ***Violation Source:***
Citation: HSC 6.67 25270.4.5(a) - California Health and Safety Code, Chapter 6.67, Section(s) 25270.4.5(a)
Violation Notes:

Returned to compliance on 05/18/2015. Facets of the plan are not being implemented. for example, monthly inspections of portable generator tanks. See CERS.

Violation Description:

Failure to prepare and implement a Spill Prevention Control and Countermeasure (SPCC) Plan .

Violations

Violation Date: 10-09-2014 ***Violation Program:***
Violation Division: San Mateo County Environmental Health ***Violation Source:***
Citation: HSC 6.67 25270.4.5(a) - California Health and Safety Code, Chapter 6.67, Section(s) 25270.4.5(a)
Violation Notes:

Returned to compliance on 05/18/2015. Incorrect reporting number for EPA. Should add number for SM County. See CERS.

Violation Description:

Failure to adequately discuss procedures for reporting a discharge, or no information and procedures for reporting a discharge are included within the SPCC plan.

Violations

Violation Date: 10-09-2014 ***Violation Program:***
Violation Division: San Mateo County Environmental Health ***Violation Source:***
Citation: HSC 6.67 25270.4.5(a) - California Health and Safety Code, Chapter 6.67, Section(s) 25270.4.5(a)
Violation Notes:

Returned to compliance on 05/18/2015. No evidence of these annual briefings either written or from interview with staff.

Violation Description:

Failure to schedule and conduct spill prevention briefings at least once a year.

Violations

Violation Date: 10-09-2014 ***Violation Program:***
Violation Division: San Mateo County Environmental Health ***Violation Source:***
Citation: HSC 6.95 25508(a)(1) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(1)
Violation Notes:

Returned to compliance on 12/10/2014. Oil stored in gen set tanks should be added to inventory and maps.

Violation Description:

Failure to complete and electronically submit hazardous material inventory information for all reportable hazardous materials on site at or above reportable quantities.

Violations

Violation Date: 10-09-2014 ***Violation Program:***
Violation Division: San Mateo County Environmental Health ***Violation Source:***
Citation: HSC 6.67 25270.4.5(a) - California Health and Safety Code, Chapter 6.67, Section(s) 25270.4.5(a)
Violation Notes:

Returned to compliance on 05/18/2015. Not all types of transportable containers described/mentioned in plan (Baldor gen sets). See CERS.

Violation Description:

Failure to adequately discuss the facility transfer operations, pumping, and facility process within the SPCC plan.

Violations

Violation Date: 10-09-2014 ***Violation Program:***
Violation Division: San Mateo County Environmental Health ***Violation Source:***
Citation: HSC 6.67 Multiple Sections - California Health and Safety Code, Chapter 6.67, Section(s) Multiple Sections
Violation Notes:

Returned to compliance on 05/18/2015. Overfill protection is inconsistent or incorrect. Remote monitoring is not mentioned in SPCC although staff onsite described the system and devices were observed. Driver responsibilities are not clear. No external alarm appears to be present altho procedures mention drivers observing alarms. Drain examination responsibilities are not clear. Please clarify driver and staff responsibilities. See CERS.

Violation Description:

APSA Program - Administration/Documentation - General

Enforcements

Enf Action Date: 10-09-2014 ***Enf Action Program:*** HMRRP
Enf Action Type: Notice of Violation (Unified Program) ***Enf Action Source:*** CERS
Enf Action Division: San Mateo County Environmental Health
Enf Action Description: Notice of Violation Issued by the Inspector at the Time of Inspection
Enf Action Notes:

Enf Action Date: 10-09-2014 ***Enf Action Program:*** APSA
Enf Action Type: Notice of Violation (Unified Program) ***Enf Action Source:*** CERS
Enf Action Division: San Mateo County Environmental Health
Enf Action Description: Notice of Violation Issued by the Inspector at the Time of Inspection
Enf Action Notes:

10	2 of 3	N	0.20 / 1,052.03	135.82 / -90	SPRINT 1 W HILL DRIVE BRISBANE CA 94005	EMISSIONS

2006 Criteria Data

Facility ID: 16845 ***CERR Code:***
Facility SIC Code: 4813 ***TOGT:*** .003
CO: 41 ***ROGT:*** .0025101
Air Basin: SF ***COT:*** .007
District: BA ***NOXT:*** .032
COID: SM ***SOXT:*** 0
DISN: BAY AREA AQMD ***PMT:*** .002
CHAPIS: ***PM10T:*** .001952

2006 Toxic Data

Facility ID: 16845 ***COID:*** SM
Facility SIC Code: 4813 ***DISN:*** BAY AREA AQMD
CO: 41 ***CHAPIS:***

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Air Basin: SF
District: BA
TS:
Health Risk Asmt:
Non-Cancer Chronic Haz Ind:
Non-Cancer Acute Haz Ind:
CERR Code:

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
10	3 of 3	N	0.20 / 1,052.03	135.82 / -90	SPRINT, ENVRN HEALTH & SAFETY 1 W HILL DRIVE BRISBANE CA 94005	EMISSIONS

2007 Criteria Data

Facility ID: 16845
Facility SIC Code: 4813
CO: 41
Air Basin: SF
District: BA
COID: SM
DISN: BAY AREA AQMD
CHAPIS:
CERR Code:
TOGT: .003
ROGT: .0025101
COT: .007
NOXT: .032
SOXT: 0
PMT: .002
PM10T: .001952

2007 Toxic Data

Facility ID: 16845
Facility SIC Code: 4813
CO: 41
Air Basin: SF
District: BA
TS:
Health Risk Asmt:
Non-Cancer Chronic Haz Ind:
Non-Cancer Acute Haz Ind:
COID: SM
DISN: BAY AREA AQMD
CHAPIS:
CERR Code:

2008 Criteria Data

Facility ID: 16845
Facility SIC Code: 4813
CO: 41
Air Basin: SF
District: BA
COID: SM
DISN: BAY AREA AQMD
CHAPIS:
CERR Code:
TOGT: .043
ROGT: .0359781
COT: .117
NOXT: .54
SOXT: 0
PMT: .039
PM10T: .038064

2008 Toxic Data

Facility ID: 16845
Facility SIC Code: 4813
CO: 41
Air Basin: SF
District: BA
TS:
Health Risk Asmt:
Non-Cancer Chronic Haz Ind:
Non-Cancer Acute Haz Ind:
COID: SM
DISN: BAY AREA AQMD
CHAPIS:
CERR Code:

2009 Criteria Data

Facility ID: 16845
CERR Code:

Facility SIC Code:	4813	**TOGT:**	.043
CO:	41	**ROGT:**	.0359781
Air Basin:	SF	**COT:**	.117
District:	BA	**NOXT:**	.54
COID:	SM	**SOXT:**	0
DISN:	BAY AREA AQMD	**PMT:**	.039959016393442622950819672131147540983 6
CHAPIS:		**PM10T:**	.039

2009 Toxic Data

Facility ID:	16845	**COID:**	SM
Facility SIC Code:	4813	**DISN:**	BAY AREA AQMD
CO:	41	**CHAPIS:**	
Air Basin:	SF	**CERR Code:**	
District:	BA		
TS:			
Health Risk Asmt:			
Non-Cancer Chronic Haz Ind:			
Non-Cancer Acute Haz Ind:			

2010 Toxic Data

Facility ID:	16845	**COID:**	SM
Facility SIC Code:	4813	**DISN:**	BAY AREA AQMD
CO:	41	**CHAPIS:**	
Air Basin:	SF	**CERR Code:**	
District:	BA		
TS:			
Health Risk Asmt:			
Non-Cancer Chronic Haz Ind:			
Non-Cancer Acute Haz Ind:			

2011 Criteria Data

Facility ID:	16845	**CERR Code:**	
Facility SIC Code:	4813	**TOGT:**	.026
CO:	41	**ROGT:**	.0217542
Air Basin:	SF	**COT:**	.079
District:	BA	**NOXT:**	.362
COID:	SM	**SOXT:**	0
DISN:	BAY AREA AQMD	**PMT:**	.025614754098360655737704918032786885 2459
CHAPIS:		**PM10T:**	.025

2011 Toxic Data

Facility ID:	16845	**COID:**	SM
Facility SIC Code:	4813	**DISN:**	BAY AREA AQMD
CO:	41	**CHAPIS:**	
Air Basin:	SF	**CERR Code:**	
District:	BA		
TS:			
Health Risk Asmt:			
Non-Cancer Chronic Haz Ind:			
Non-Cancer Acute Haz Ind:			

2012 Criteria Data

Facility ID:	16845	**CERR Code:**	
Facility SIC Code:	4813	**TOGT:**	.013
CO:	41	**ROGT:**	.0108771
Air Basin:	SF	**COT:**	.04

District:	BA	**NOXT:**	.184
COID:	SM	**SOXT:**	0
DISN:	BAY AREA AQMD	**PMT:**	.013319672131147540983606557377049180327 9
CHAPIS:		**PM10T:**	.013

2012 Toxic Data

Facility ID:	16845	**COID:**	SM
Facility SIC Code:	4813	**DISN:**	BAY AREA AQMD
CO:	41	**CHAPIS:**	
Air Basin:	SF	**CERR Code:**	
District:	BA		
TS:			
Health Risk Asmt:			
Non-Cancer Chronic Haz Ind:			
Non-Cancer Acute Haz Ind:			

2013 Criteria Data

Facility ID:	16845	**CERR Code:**	
Facility SIC Code:	4813	**TOGT:**	.013
CO:	41	**ROGT:**	.0108771
Air Basin:	SF	**COT:**	.04
District:	BA	**NOXT:**	.184
COID:	SM	**SOXT:**	0
DISN:	BAY AREA AQMD	**PMT:**	.014
CHAPIS:		**PM10T:**	.013

2013 Toxic Data

Facility ID:	16845	**COID:**	SM
Facility SIC Code:	4813	**DISN:**	BAY AREA AQMD
CO:	41	**CHAPIS:**	
Air Basin:	SF	**CERR Code:**	
District:	BA		
TS:			
Health Risk Asmt:			
Non-Cancer Chronic Haz Ind:			
Non-Cancer Acute Haz Ind:			

2014 Criteria Data

Facility ID:	16845	**CERR Code:**	
Facility SIC Code:	4813	**TOGT:**	.017158804
CO:	41	**ROGT:**	
Air Basin:	SF	**COT:**	.051816002
District:	BA	**NOXT:**	.238342628
COID:	SM	**SOXT:**	.00011049
DISN:	BAY AREA AQMD	**PMT:**	.003403859
CHAPIS:		**PM10T:**	.003267705

2014 Toxic Data

Facility ID:	16845	**COID:**	SM
Facility SIC Code:	4813	**DISN:**	BAY AREA AQMD
CO:	41	**CHAPIS:**	
Air Basin:	SF	**CERR Code:**	
District:	BA		
TS:			
Health Risk Asmt:			
Non-Cancer Chronic Haz Ind:			
Non-Cancer Acute Haz Ind:			

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

2015 Criteria Data

Facility ID:	16845	***CERR Code:***	
Facility SIC Code:	4813	***TOGT:***	.017158804
CO:	41	***ROGT:***	.016705631
Air Basin:	SF	***COT:***	.051816
District:	BA	***NOXT:***	.2383426
COID:	SM	***SOXT:***	.00011049
DISN:	BAY AREA AQMD	***PMT:***	.003403859
CHAPIS:		***PM10T:***	.003267705

2015 Toxic Data

Facility ID:	16845	***COID:***	SM
Facility SIC Code:	4813	***DISN:***	BAY AREA AQMD
CO:	41	***CHAPIS:***	
Air Basin:	SF	***CERR Code:***	
District:	BA		
TS:			
Health Risk Asmt:			
Non-Cancer Chronic Haz Ind:			
Non-Cancer Acute Haz Ind:			

11	*1 of 4*	*NNE*	*0.20 / 1,071.44*	*106.05 / -120*	***STAR GRAPHICS INC 455 VALLEY BRISBANE CA 94005***	***SANMATEO CUPA***

Facility ID: FA0013769

--Details--

Record ID: PR0025201
Status: Inactive CUPA Facility Listing
Program Element Code: 2220
Program Element: GENERATES & RECYCLES WASTE OIL/SOLVENT

Record ID: PR0022196
Status: Inactive CUPA Facility Listing
Program Element Code: 2300
Program Element: UNDERGROUND TANK - GENERAL

11	*2 of 4*	*NNE*	*0.20 / 1,071.44*	*106.05 / -120*	***UNITED STATIONERS SUPPLY CO 455 VALLEY DR BRISBANE CA***	***SANMATEO LOP***

Case No: 560014
Case Type: Other Groundwater affected (uses other than drinking water)
Global ID: T0608100561
Assessors Parcel No: 005242100

--Details--

Status: 9- Case Closed

11	*3 of 4*	*NNE*	*0.20 / 1,071.44*	*106.05 / -120*	***UNITED STATIONERS SUPPLY CO 455 VALLEY BRISBANE CA 94005***	***LUST***

Global ID:	T0608100561	***CUF Case:***	NO
Case Type:	LUST Cleanup Site	***Begin Date:***	1989-01-11 00:00:00
Status:	Completed - Case Closed	***How Discovered:***	Other Means

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Status Date: 1993-04-06 00:00:00
RB Case No: 41-0587
LOC Case No: 560014
Lead Agency: SAN MATEO COUNTY LOP
Case Worker: AJ
Local Agency: SAN MATEO COUNTY LOP
Stop Method: Other Means
County: San Mateo
Latitude: 37.69078
Longitude: -122.416333
File Location: Local Agency
Potential Media Of Concern: Diesel
Potential Media Affected: Other Groundwater (uses other than drinking water)
How Discovered Description:
Stop Description:
Cal Water Watershed Name: South Bay - San Mateo Bayside (204.40)
DWR Groundwater Subbasin Name: Visitacion Valley (2-32)
Site History:

Status History

Status:	Status Date:
Open - Case Begin Date	1989-01-11 00:00:00
Completed - Case Closed	1993-04-06 00:00:00

Activities

Action Type: Other
Action: Leak Reported
Date: 1989-01-11 00:00:00

Action Type: Other
Action: Leak Discovery
Date: 1989-01-11 00:00:00

Action Type: ENFORCEMENT
Action: Notice of Responsibility - #1
Date: 1989-01-11 00:00:00

Contacts

Contact Type: Local Agency Caseworker
Contact Name: ANNE JUREK
Organization Name: SAN MATEO COUNTY LOP
Address: 2000 Alameda de las Pulgas Suite 100
City: SAN MATEO
Email: ajurek@smcgov.org
Phone No: 6504002523

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:
Phone No:

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
11	4 of 4	NNE	0.20 / 1,071.44	106.05 / -120	GOLDEN STATE FC LLC (SJC9) 455 VALLEY DR BRISBANE CA 94005	RCRA SQG

EPA Handler ID: CA0000382945
Land Type Code: P
Land Type Desc: Private
Federal Waste Generator Code: 2
Gen Status Univ: SQG
Gen Status Univ Desc: Small Quantity Generator
Importer Activity: No
Mixed Waste Generator: No
Transporter Activity: No
Transfer Facility: No
Recycler Activity: No
Onsite Burner Exemption: No
Furnace Exemption: No

Underground Inject Activity:	No
Receives Waste from Offsite:	No
TSD Type:	-----
TSD Activity:	No
Corrective Action Univ:	No
Action has been Imposed:	No
Action under 3004 (U)/(V):	No
Institutional Control Indicator:	N
Used Oil Transporter:	
Used Oil Transfer Facility:	
Used Oil Processor:	
Used Oil Refiner:	
Used Oil Burner:	
Used Oil Market Burner:	
Used Oil Spec Marketer:	
Activity Location:	CA
County Code:	CA081
County Name:	SAN MATEO
Contact Name:	ERIC CHAPMAN
Contact Phone No and Exten:	206-413-4526
Contact Email:	ECHAPM@AMAZON.COM
Contact Address:	PO BOX 80842 , SEATTLE , WA, 98108 , US
Mailing Address:	PO BOX 80842 , ATTN: NA ENV TEAM , SEATTLE , WA, 98108 , US

Violation/Evaluation Summary

Note:	NO RECORDS: As of Jan 24 2018, there are no Compliance Monitoring and Enforcement (violation) records associated with this facility (EPA ID).

Handler Details

Source Type:	N	***Used Oil Transporter:***	No
Receive Date:	20170919	***UO Transfer Fac:***	No
Non Notifier:		***Used Oil Processor:***	No
Acknowledge Flag:		***Used Oil Refiner:***	No
Acknowledge Date:		***Used Oil Burner:***	No
Accessibility:		***UO Market Burner:***	No
Land Type:	P	***UO Spec Marketer:***	No
Fed Waste Gen Own:	HQ	***Current Site Name:***	GOLDEN STATE FC LLC (SJC9)
Fed Waste Gen Cd:	2	***Location Street No:***	455
Fed Waste Gen Desc:	Small Quantity Generator	***Location Street 1:***	VALLEY DR
ST Waste Gen Own:	CA	***Location Street 2:***	
State Waste Gen Cd:	2	***Location City:***	BRISBANE
Short Term Gen:	No	***Location State:***	CA
Importer Activity:	No	***Location Zip Code:***	94005
Mixed Waste Gen:	No	***County Code:***	CA081
Transporter:	No	***State District:***	
Transfer Facility:	No	***Mailing Street No:***	
TSD Activity:	No	***Mailing Street 1:***	PO BOX 80842
Recycler Activity:	No	***Mailing Street 2:***	ATTN: NA ENV TEAM
Onsite Burn Exempt:	No	***Mailing City:***	SEATTLE
Furnace Exemption:	No	***Mailing State:***	WA
Underground Inject:	No	***Mailing Zip Code:***	98108
Off Site Receipt:	No	***Mailing Country:***	US
Waste Dest Fac:	No	***Contact First Name:***	ERIC
Subpart K College:	No	***Contact Middle Initial:***	
Subpart K Hospital:	No	***Contact Last Name:***	CHAPMAN
Subpart K Non Profit:	No	***Contact Street No:***	
Subpart K Withdraw:	No	***Contact Street 1:***	PO BOX 80842
Include Ntnl Rprt:		***Contact Street 2:***	
Reporting Cycle:		***Contact City:***	SEATTLE
LQHUW:	No	***Contact State:***	WA
Trader Importer:	No	***Contact Zip:***	98108
Trader Exporter:	No	***Contact Country:***	US
Slab Importer:	No	***Contact Phone:***	206-413-4526
Slab Exporter:	No	***Contact Phone Ext:***	
Current Record:	Yes	***Contact Fax:***	

Location Country:	US	**Contact Email Addr:**	ECHAPM@AMAZON.COM
State District Owner:		**Contact Title:**	ENV PROGRAM MANAGER

Handler Details

Source Type:	N	**Used Oil Transporter:**	No
Receive Date:	19960719	**UO Transfer Fac:**	No
Non Notifier:		**Used Oil Processor:**	No
Acknowledge Flag:		**Used Oil Refiner:**	No
Acknowledge Date:	19960910	**Used Oil Burner:**	No
Accessibility:		**UO Market Burner:**	No
Land Type:	P	**UO Spec Marketer:**	No
Fed Waste Gen Own:	HQ	**Current Site Name:**	GEORGE RICE AND SONS
Fed Waste Gen Cd:	N	**Location Street No:**	455
Fed Waste Gen Desc:		**Location Street 1:**	VALLEY DR
ST Waste Gen Own:	HQ	**Location Street 2:**	
State Waste Gen Cd:	N	**Location City:**	BRISBANE
Short Term Gen:	No	**Location State:**	CA
Importer Activity:	No	**Location Zip Code:**	94005
Mixed Waste Gen:	No	**County Code:**	CA081
Transporter:	No	**State District:**	
Transfer Facility:	No	**Mailing Street No:**	2001
TSD Activity:	No	**Mailing Street 1:**	N SOTO ST
Recycler Activity:	No	**Mailing Street 2:**	
Onsite Burn Exempt:	No	**Mailing City:**	LOS ANGELES
Furnace Exemption:	No	**Mailing State:**	CA
Underground Inject:	No	**Mailing Zip Code:**	90032
Off Site Receipt:	No	**Mailing Country:**	US
Waste Dest Fac:	No	**Contact First Name:**	ED
Subpart K College:		**Contact Middle Initial:**	
Subpart K Hospital:		**Contact Last Name:**	HALLGREN
Subpart K Non Profit:		**Contact Street No:**	
Subpart K Withdraw:		**Contact Street 1:**	2001 N SOTO ST
Include Ntnl Rprt:		**Contact Street 2:**	
Reporting Cycle:		**Contact City:**	LOS ANGELES
LQHUW:	No	**Contact State:**	CA
Trader Importer:		**Contact Zip:**	90032
Trader Exporter:		**Contact Country:**	US
Slab Importer:		**Contact Phone:**	818-372-1842
Slab Exporter:		**Contact Phone Ext:**	
Current Record:	No	**Contact Fax:**	
Location Country:	US	**Contact Email Addr:**	
State District Owner:		**Contact Title:**	

Hazardous Waste Details

Haz Waste Cd Owner:	HQ	**Source Type:**	N
Haz Waste Cd:	D003	**Code Type:**	D
BR Waste Code Active Status:	Yes		
Waste Code Active Status:	Yes		
Waste Code Desc:	REACTIVE WASTE		

Haz Waste Cd Owner:	CA	**Source Type:**	N
Haz Waste Cd:	141	**Code Type:**	X
BR Waste Code Active Status:	Yes		
Waste Code Active Status:	Yes		
Waste Code Desc:	Off-specification, aged, or surplus inorganics		

Haz Waste Cd Owner:	CA	**Source Type:**	N
Haz Waste Cd:	343	**Code Type:**	X
BR Waste Code Active Status:	Yes		
Waste Code Active Status:	Yes		
Waste Code Desc:	Unspecified organic liquid mixture		

Haz Waste Cd Owner:	CA	**Source Type:**	N
Haz Waste Cd:	512	**Code Type:**	X
BR Waste Code Active Status:	Yes		

Waste Code Active Status: Yes
Waste Code Desc: Other empty containers 30 gallons or more

Haz Waste Cd Owner: HQ
Haz Waste Cd: D006
Source Type: N
Code Type: D
BR Waste Code Active Status: Yes
Waste Code Active Status: Yes
Waste Code Desc: CADMIUM

Haz Waste Cd Owner: HQ
Haz Waste Cd: D008
Source Type: N
Code Type: D
BR Waste Code Active Status: Yes
Waste Code Active Status: Yes
Waste Code Desc: LEAD

Haz Waste Cd Owner: HQ
Haz Waste Cd: D016
Source Type: N
Code Type: D
BR Waste Code Active Status: Yes
Waste Code Active Status: Yes
Waste Code Desc: 2,4-D (2,4-DICHLOROPHENOXYACETIC ACID)

Haz Waste Cd Owner: HQ
Haz Waste Cd: U002
Source Type: N
Code Type: U
BR Waste Code Active Status: Yes
Waste Code Active Status: Yes
Waste Code Desc: 2-PROPANONE (I) (OR) ACETONE (I)

Haz Waste Cd Owner: HQ
Haz Waste Cd: U205
Source Type: N
Code Type: U
BR Waste Code Active Status: Yes
Waste Code Active Status: Yes
Waste Code Desc: SELENIUM SULFIDE (OR) SELENIUM SULFIDE SES2 (R,T)

Haz Waste Cd Owner: CA
Haz Waste Cd: 122
Source Type: N
Code Type: X
BR Waste Code Active Status: Yes
Waste Code Active Status: Yes
Waste Code Desc: Alkaline solution without metals (pH > 12.5)

Haz Waste Cd Owner: CA
Haz Waste Cd: 281
Source Type: N
Code Type: X
BR Waste Code Active Status: Yes
Waste Code Active Status: Yes
Waste Code Desc: Adhesives

Haz Waste Cd Owner: CA
Haz Waste Cd: 331
Source Type: N
Code Type: X
BR Waste Code Active Status: Yes
Waste Code Active Status: Yes
Waste Code Desc: Off-specification, aged, or surplus organics

Haz Waste Cd Owner: CA
Haz Waste Cd: 513
Source Type: N
Code Type: X
BR Waste Code Active Status: Yes
Waste Code Active Status: Yes
Waste Code Desc: Empty containers less than 30 gallons

Haz Waste Cd Owner: HQ
Haz Waste Cd: D011
Source Type: N
Code Type: D
BR Waste Code Active Status: Yes
Waste Code Active Status: Yes
Waste Code Desc: SILVER

Haz Waste Cd Owner: HQ
Haz Waste Cd: U129
Source Type: N
Code Type: U
BR Waste Code Active Status: Yes
Waste Code Active Status: Yes
Waste Code Desc: CYCLOHEXANE, 1,2,3,4,5,6-HEXACHLORO-, (1ALPHA, 2ALPHA, 3BETA, 4ALPHA, 5ALPHA, 6BETA)- (OR) LINDANE

Haz Waste Cd Owner: CA **Source Type:** N
Haz Waste Cd: 135 **Code Type:** X
BR Waste Code Active Status: Yes
Waste Code Active Status: Yes
Waste Code Desc: Unspecified aqueous solution

Haz Waste Cd Owner: CA **Source Type:** N
Haz Waste Cd: 181 **Code Type:** X
BR Waste Code Active Status: Yes
Waste Code Active Status: Yes
Waste Code Desc: Other inorganic solid waste

Haz Waste Cd Owner: CA **Source Type:** N
Haz Waste Cd: 213 **Code Type:** X
BR Waste Code Active Status: Yes
Waste Code Active Status: Yes
Waste Code Desc: Hydrocarbon solvents (benzene, hexane, Stoddard, etc.)

Haz Waste Cd Owner: CA **Source Type:** N
Haz Waste Cd: 223 **Code Type:** X
BR Waste Code Active Status: Yes
Waste Code Active Status: Yes
Waste Code Desc: Unspecified oil-containing waste

Haz Waste Cd Owner: HQ **Source Type:** N
Haz Waste Cd: D001 **Code Type:** D
BR Waste Code Active Status: Yes
Waste Code Active Status: Yes
Waste Code Desc: IGNITABLE WASTE

Haz Waste Cd Owner: HQ **Source Type:** N
Haz Waste Cd: D018 **Code Type:** D
BR Waste Code Active Status: Yes
Waste Code Active Status: Yes
Waste Code Desc: BENZENE

Haz Waste Cd Owner: HQ **Source Type:** N
Haz Waste Cd: D027 **Code Type:** D
BR Waste Code Active Status: Yes
Waste Code Active Status: Yes
Waste Code Desc: 1,4-DICHLOROBENZENE

Haz Waste Cd Owner: HQ **Source Type:** N
Haz Waste Cd: U154 **Code Type:** U
BR Waste Code Active Status: Yes
Waste Code Active Status: Yes
Waste Code Desc: METHANOL (I) (OR) METHYL ALCOHOL (I)

Haz Waste Cd Owner: CA **Source Type:** N
Haz Waste Cd: 561 **Code Type:** X
BR Waste Code Active Status: Yes
Waste Code Active Status: Yes
Waste Code Desc: Detergent and soap

Haz Waste Cd Owner: HQ **Source Type:** N
Haz Waste Cd: D002 **Code Type:** D
BR Waste Code Active Status: Yes
Waste Code Active Status: Yes
Waste Code Desc: CORROSIVE WASTE

Haz Waste Cd Owner: CA **Source Type:** N
Haz Waste Cd: 123 **Code Type:** X
BR Waste Code Active Status: Yes
Waste Code Active Status: Yes
Waste Code Desc: Unspecified alkaline solution

Haz Waste Cd Owner: CA **Source Type:** N
Haz Waste Cd: 352 **Code Type:** X

BR Waste Code Active Status: Yes
Waste Code Active Status: Yes
Waste Code Desc: Other organic solids

Haz Waste Cd Owner: CA
Source Type: N
Haz Waste Cd: 725
Code Type: X
BR Waste Code Active Status: Yes
Waste Code Active Status: Yes
Waste Code Desc: Liquids with mercury > 20 mg/l

Haz Waste Cd Owner: HQ
Source Type: N
Haz Waste Cd: D005
Code Type: D
BR Waste Code Active Status: Yes
Waste Code Active Status: Yes
Waste Code Desc: BARIUM

Haz Waste Cd Owner: HQ
Source Type: N
Haz Waste Cd: D009
Code Type: D
BR Waste Code Active Status: Yes
Waste Code Active Status: Yes
Waste Code Desc: MERCURY

Haz Waste Cd Owner: HQ
Source Type: N
Haz Waste Cd: D024
Code Type: D
BR Waste Code Active Status: Yes
Waste Code Active Status: Yes
Waste Code Desc: M-CRESOL

Haz Waste Cd Owner: HQ
Source Type: N
Haz Waste Cd: P075
Code Type: P
BR Waste Code Active Status: Yes
Waste Code Active Status: Yes
Waste Code Desc: NICOTINE, & SALTS (OR) PYRIDINE, 3-(1-METHYL-2-PYRROLIDINYL)-,(S)-, & SALTS

Haz Waste Cd Owner: CA
Source Type: N
Haz Waste Cd: 131
Code Type: X
BR Waste Code Active Status: Yes
Waste Code Active Status: Yes
Waste Code Desc: Aqueous solution (2 < pH < 12.5) containing reactive anions (azide, bromate, chlorate, cyanide, fluoride, hypochlorite, nitrite, perchlorate, and sulfide anions)

Haz Waste Cd Owner: CA
Source Type: N
Haz Waste Cd: 214
Code Type: X
BR Waste Code Active Status: Yes
Waste Code Active Status: Yes
Waste Code Desc: Unspecified solvent mixture

Haz Waste Cd Owner: CA
Source Type: N
Haz Waste Cd: 791
Code Type: X
BR Waste Code Active Status: Yes
Waste Code Active Status: Yes
Waste Code Desc: Liquids with pH < 2

Haz Waste Cd Owner: HQ
Source Type: N
Haz Waste Cd: D007
Code Type: D
BR Waste Code Active Status: Yes
Waste Code Active Status: Yes
Waste Code Desc: CHROMIUM

Haz Waste Cd Owner: HQ
Source Type: N
Haz Waste Cd: D035
Code Type: D
BR Waste Code Active Status: Yes
Waste Code Active Status: Yes
Waste Code Desc: METHYL ETHYL KETONE

Haz Waste Cd Owner: HQ
Source Type: N
Haz Waste Cd: U159
Code Type: U
BR Waste Code Active Status: Yes
Waste Code Active Status: Yes

Waste Code Desc: 2-BUTANONE (I,T) (OR) METHYL ETHYL KETONE (MEK) (I,T)

Haz Waste Cd Owner: CA
Haz Waste Cd: 221
BR Waste Code Active Status: Yes
Waste Code Active Status: Yes
Waste Code Desc: Waste oil and mixed oil
Source Type: N
Code Type: X

Haz Waste Cd Owner: CA
Haz Waste Cd: 311
BR Waste Code Active Status: Yes
Waste Code Active Status: Yes
Waste Code Desc: Pharmaceutical waste
Source Type: N
Code Type: X

Haz Waste Cd Owner: HQ
Haz Waste Cd: D010
BR Waste Code Active Status: Yes
Waste Code Active Status: Yes
Waste Code Desc: SELENIUM
Source Type: N
Code Type: D

NAICS Details

Source Type: N
NAICS Cd Owner: HQ
NAICS Code: 493110
NAICS Description: GENERAL WAREHOUSING AND STORAGE
NAICS Active Status: Yes
NAICS Cycle: 2012

Owner/Operator Details

Owner/Operator Ind: CO
Name: GEORGE RICE & SONS DIV OF WORLD COLOR
Street No:
Street 1: 2001 N SOTO ST
Street 2:
City: LOS ANGELES
State: CA
Source Type: N
Country:
Zip Code: 90032
Phone: 213-223-2020
Type: P
Date Became Current:
Date Ended Current:

Owner/Operator Ind: CP
Name: GOLDEN STATE FC LLC
Street No:
Street 1: PO BOX 80842
Street 2:
City: SEATTLE
State: WA
Source Type: N
Country: US
Zip Code: 98108
Phone: 206-413-4526
Type: P
Date Became Current: 20170915
Date Ended Current:

Owner/Operator Ind: CO
Name: CSHV CROCKER LLC
Street No: 801
Street 1: GRAND AVE
Street 2:
City: DES MOINES
State: IA
Source Type: N
Country: US
Zip Code: 50392
Phone: 415-495-0282
Type: P
Date Became Current: 20170605
Date Ended Current:

12	1 of 2	NE	0.22 / 1,161.93	104.16 / -122	GEORGE LITHOGRAPH INC 460 VALLEY BRISBANE CA 94005	SANMATEO CUPA

Facility ID: FA0022791

--Details--
Record ID: PR0037031

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Status: Inactive CUPA Facility Listing
Program Element Code: 2161
Program Element: STORES HAZ MAT <219GAL,1,999LB, 879CF

Record ID: PR0025505
Status: Inactive CUPA Facility Listing
Program Element Code: 2220
Program Element: GENERATES & RECYCLES WASTE OIL/SOLVENT

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
12	2 of 2	NE	0.22 / 1,161.93	104.16 / -122	GEORGE LITHOGRAPH 460 VALLEY DRIVE BRISBANE CA 94005	EMISSIONS

1990 Criteria Data

Facility ID: 4606
Facility SIC Code: 2752
CO: 41
Air Basin: SF
District: BA
COID: SM
DISN: BAY AREA AQMD
CHAPIS:
CERR Code:
TOGT: 3.5
ROGT: 3.5
COT:
NOXT:
SOXT:
PMT:
PM10T:

1990 Toxic Data

Facility ID: 4606
Facility SIC Code: 2752
CO: 41
Air Basin: SF
District: BA
TS:
Health Risk Asmt:
Non-Cancer Chronic Haz Ind:
Non-Cancer Acute Haz Ind:
COID: SM
DISN: BAY AREA AQMD
CHAPIS:
CERR Code:

1993 Criteria Data

Facility ID: 4606
Facility SIC Code: 2752
CO: 41
Air Basin: SF
District: BA
COID: SM
DISN: BAY AREA AQMD
CHAPIS:
CERR Code:
TOGT: 2.2
ROGT: 2.2
COT:
NOXT:
SOXT:
PMT:
PM10T:

1993 Toxic Data

Facility ID: 4606
Facility SIC Code: 2752
CO: 41
Air Basin: SF
District: BA
TS:
Health Risk Asmt:
Non-Cancer Chronic Haz Ind:
Non-Cancer Acute Haz Ind:
COID: SM
DISN: BAY AREA AQMD
CHAPIS:
CERR Code:

1995 Criteria Data

Facility ID:	4606	**CERR Code:**	
Facility SIC Code:	2752	**TOGT:**	2.1
CO:	41	**ROGT:**	2.1
Air Basin:	SF	**COT:**	
District:	BA	**NOXT:**	
COID:	SM	**SOXT:**	
DISN:	BAY AREA AQMD	**PMT:**	
CHAPIS:		**PM10T:**	

1995 Toxic Data

Facility ID:	4606	**COID:**	SM
Facility SIC Code:	2752	**DISN:**	BAY AREA AQMD
CO:	41	**CHAPIS:**	
Air Basin:	SF	**CERR Code:**	
District:	BA		
TS:			
Health Risk Asmt:			
Non-Cancer Chronic Haz Ind:			
Non-Cancer Acute Haz Ind:			

1996 Criteria Data

Facility ID:	4606	**CERR Code:**	
Facility SIC Code:	2752	**TOGT:**	2.1
CO:	41	**ROGT:**	2.1
Air Basin:	SF	**COT:**	
District:	BA	**NOXT:**	
COID:	SM	**SOXT:**	
DISN:	BAY AREA AQMD	**PMT:**	
CHAPIS:		**PM10T:**	

1996 Toxic Data

Facility ID:	4606	**COID:**	SM
Facility SIC Code:	2752	**DISN:**	BAY AREA AQMD
CO:	41	**CHAPIS:**	
Air Basin:	SF	**CERR Code:**	
District:	BA		
TS:			
Health Risk Asmt:			
Non-Cancer Chronic Haz Ind:			
Non-Cancer Acute Haz Ind:			

1997 Criteria Data

Facility ID:	4606	**CERR Code:**	
Facility SIC Code:	2752	**TOGT:**	6
CO:	41	**ROGT:**	6
Air Basin:	SF	**COT:**	
District:	BA	**NOXT:**	
COID:	SM	**SOXT:**	
DISN:	BAY AREA AQMD	**PMT:**	
CHAPIS:		**PM10T:**	

1997 Toxic Data

Facility ID:	4606	**COID:**	SM
Facility SIC Code:	2752	**DISN:**	BAY AREA AQMD
CO:	41	**CHAPIS:**	
Air Basin:	SF	**CERR Code:**	
District:	BA		

TS:
Health Risk Asmt:
Non-Cancer Chronic Haz Ind:
Non-Cancer Acute Haz Ind:

1998 Criteria Data

Facility ID:	4606	***CERR Code:***	
Facility SIC Code:	2752	***TOGT:***	19.5
CO:	41	***ROGT:***	19.5
Air Basin:	SF	***COT:***	
District:	BA	***NOXT:***	
COID:	SM	***SOXT:***	
DISN:	BAY AREA AQMD	***PMT:***	
CHAPIS:		***PM10T:***	

1998 Toxic Data

Facility ID:	4606	***COID:***	SM
Facility SIC Code:	2752	***DISN:***	BAY AREA AQMD
CO:	41	***CHAPIS:***	
Air Basin:	SF	***CERR Code:***	
District:	BA		
TS:			
Health Risk Asmt:			
Non-Cancer Chronic Haz Ind:			
Non-Cancer Acute Haz Ind:			

1999 Criteria Data

Facility ID:	4606	***CERR Code:***	
Facility SIC Code:	2752	***TOGT:***	11.907
CO:	41	***ROGT:***	11.907
Air Basin:	SF	***COT:***	
District:	BA	***NOXT:***	
COID:	SM	***SOXT:***	
DISN:	BAY AREA AQMD	***PMT:***	
CHAPIS:		***PM10T:***	

1999 Toxic Data

Facility ID:	4606	***COID:***	SM
Facility SIC Code:	2752	***DISN:***	BAY AREA AQMD
CO:	41	***CHAPIS:***	
Air Basin:	SF	***CERR Code:***	
District:	BA		
TS:			
Health Risk Asmt:			
Non-Cancer Chronic Haz Ind:			
Non-Cancer Acute Haz Ind:			

2000 Criteria Data

Facility ID:	4606	***CERR Code:***	
Facility SIC Code:	2752	***TOGT:***	11.907
CO:	41	***ROGT:***	11.91
Air Basin:	SF	***COT:***	
District:	BA	***NOXT:***	
COID:	SM	***SOXT:***	
DISN:	BAY AREA AQMD	***PMT:***	
CHAPIS:		***PM10T:***	

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

2000 Toxic Data

Facility ID:	4606	***COID:***	SM
Facility SIC Code:	2752	***DISN:***	BAY AREA AQMD
CO:	41	***CHAPIS:***	
Air Basin:	SF	***CERR Code:***	
District:	BA		
TS:			
Health Risk Asmt:			
Non-Cancer Chronic Haz Ind:			
Non-Cancer Acute Haz Ind:			

2001 Criteria Data

Facility ID:	4606	***CERR Code:***	
Facility SIC Code:	2752	***TOGT:***	15.92
CO:	41	***ROGT:***	15.92
Air Basin:	SF	***COT:***	
District:	BA	***NOXT:***	
COID:	SM	***SOXT:***	
DISN:	BAY AREA AQMD	***PMT:***	
CHAPIS:	Y	***PM10T:***	

2001 Toxic Data

Facility ID:	4606	***COID:***	SM
Facility SIC Code:	2752	***DISN:***	BAY AREA AQMD
CO:	41	***CHAPIS:***	Y
Air Basin:	SF	***CERR Code:***	
District:	BA		
TS:			
Health Risk Asmt:			
Non-Cancer Chronic Haz Ind:			
Non-Cancer Acute Haz Ind:			

2002 Criteria Data

Facility ID:	4606	***CERR Code:***	
Facility SIC Code:	2752	***TOGT:***	15.924
CO:	41	***ROGT:***	15.924
Air Basin:	SF	***COT:***	
District:	BA	***NOXT:***	
COID:	SM	***SOXT:***	
DISN:	BAY AREA AQMD	***PMT:***	
CHAPIS:	Y	***PM10T:***	

2002 Toxic Data

Facility ID:	4606	***COID:***	SM
Facility SIC Code:	2752	***DISN:***	BAY AREA AQMD
CO:	41	***CHAPIS:***	Y
Air Basin:	SF	***CERR Code:***	
District:	BA		
TS:			
Health Risk Asmt:			
Non-Cancer Chronic Haz Ind:			
Non-Cancer Acute Haz Ind:			

13	***1 of 1***	***ESE***	***0.25 / 1,318.56***	***133.89 / -92***	***EVANS BROTHERS 1 OLD QUARRY BRISBANE CA 94005***	***SANMATEO CUPA***

Facility ID: FA0037609

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

--Details--
Record ID: PR0054358
Status: Active CUPA Facility Listing
Program Element Code: 2166
Program Element: STORES HAZ MAT <15999GAL, 111999LB, 5599CF

Record ID: PR0060218
Status: Active CUPA Facility Listing
Program Element Code: 1801
Program Element: LESS THAN 500 TIRES

Record ID: PR0054357
Status: Inactive CUPA Facility Listing
Program Element Code: 2150
Program Element: ABOVE GROUND TANK/SPCC

Record ID: PR0054359
Status: Active CUPA Facility Listing
Program Element Code: 2220
Program Element: GENERATES & RECYCLES WASTE OIL/SOLVENT

Record ID: PR0065659
Status: Active CUPA Facility Listing
Program Element Code: 2353
Program Element: TANK STOR CAP =>1,320 & <10,000 GAL

14	1 of 2	ENE	0.25 / 1,331.98	82.27 / -144	BOISE CASCADE CORP 435 VALLEY DR BRISBANE CA	SANMATEO LOP

Case No: 560001
Case Type: Other Groundwater affected (uses other than drinking water)
Global ID: T0608100227
Assessors Parcel No: 005232040

--Details--
Status: 9- Case Closed

14	2 of 2	ENE	0.25 / 1,331.98	82.27 / -144	BOISE CASCADE CORP 435 VALLEY BRISBANE CA 94005	LUST

Global ID: T0608100227
Case Type: LUST Cleanup Site
Status: Completed - Case Closed
Status Date: 1993-04-23 00:00:00
RB Case No: 41-0238
LOC Case No: 560001
Lead Agency: SAN MATEO COUNTY LOP
Case Worker: AJ
Local Agency: SAN MATEO COUNTY LOP
CUF Case: NO
Begin Date: 1986-03-31 00:00:00
How Discovered: Other Means
Stop Method: Other Means
County: San Mateo
Latitude: 37.689579
Longitude: -122.415127
File Location: Local Agency Warehouse
Potential Media Of Concern: Gasoline
Potential Media Affected: Other Groundwater (uses other than drinking water)
How Discovered Description:
Stop Description:
Cal Water Watershed Name: South Bay - San Mateo Bayside (204.40)
DWR Groundwater Subbasin Name: Visitacion Valley (2-32)
Site History:

Status History

Status:	Completed - Case Closed	***Status Date:***	1993-04-23 00:00:00
Status:	Open - Case Begin Date	***Status Date:***	1986-03-31 00:00:00

Activities

Action Type: ENFORCEMENT
Action: Notice of Responsibility - #1
Date: 1986-03-31 00:00:00

Action Type: Other
Action: Leak Discovery
Date: 1986-03-31 00:00:00

Action Type: Other
Action: Leak Reported
Date: 1986-03-31 00:00:00

Contacts

Contact Type:	Regional Board Caseworker	***City:***	OAKLAND
Contact Name:	Regional Water Board	***Email:***	
Organization Name:	SAN FRANCISCO BAY RWQCB (REGION 2)	***Phone No:***	
Address:	1515 CLAY ST SUITE 1400		
Contact Type:	Local Agency Caseworker	***City:***	SAN MATEO
Contact Name:	ANNE JUREK	***Email:***	ajurek@smcgov.org
Organization Name:	SAN MATEO COUNTY LOP	***Phone No:***	6504002523
Address:	2000 Alameda de las Pulgas Suite 100		

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15 | ***1 of 1*** | ***E*** | ***0.26 / 1,358.31*** | ***81.02 / -145*** | ***Coca-Cola, 99 S. Hill Drive, Brisbane CA 94005*** | ***CLEANUP SITES***

Global ID:	T10000008382	***CUF Case:***	NO
Case Type:	Non-Case Information	***Begin Date:***	1991-08-29 00:00:00
Status:	Informational Item	***How Discovered:***	Tank Closure
Status Date:	1995-12-20 00:00:00	***Stop Method:***	Close and Remove Tank
RB Case No:		***County:***	San Mateo
LOC Case No:	MW-123-95	***Latitude:***	37.68639
Lead Agency:	SAN MATEO COUNTY LOP	***Longitude:***	-122.41328
Case Worker:	KA	***File Location:***	All Files are on GeoTracker or in the Local Agency Database

Local Agency: SAN MATEO COUNTY LOP
Potential Cntm of Concrn: Total Petroleum Hydrocarbons (TPH), Waste Oil / Motor / Hydraulic / Lubricating
Potential Media Affected: Other Groundwater (uses other than drinking water), Soil
How Discovered Description:
Stop Description:
Cal Water Watershed Name: South Bay - San Mateo Bayside (204.40)
DWR Groundwater Subbasin Name: Visitacion Valley (2-32)
Site History:

drilling permit file - wells associated with USTs removed. Contamination detected around sand/grease interceptor

Status History

Status:	Informational Item	***Status Date:***	1991-08-29 00:00:00
Status:	Open - Case Begin Date	***Status Date:***	1991-08-29 00:00:00
Status:	Informational Item	***Status Date:***	1995-12-20 00:00:00

Activities

Action Type: RESPONSE
Action: Well Destruction Report
Date: 1995-12-19 00:00:00

Action Type: RESPONSE
Action: Other Report / Document
Date: 1995-12-04 00:00:00

Action Type: RESPONSE
Action: Other Report / Document
Date: 1995-11-17 00:00:00

Action Type: RESPONSE
Action: Tank Removal Report / UST Sampling Report
Date: 1991-08-29 00:00:00

Contacts

Contact Type: Local Agency Caseworker
Contact Name: KIAN ATKINSON
Organization Name: SAN MATEO COUNTY LOP
Address: 2000 Alameda De Las Pulgas, Suite 100
City: SAN MATEO
Email: katkinson@smcgov.org
Phone No: 6504640047

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16 | ***1 of 2*** | ***NE*** | ***0.26 / 1,377.19*** | ***84.88 / -141*** | ***SIERRA NATURAL FOODS 440 VALLEY DR BRISBANE CA*** | ***SANMATEO LOP***

Case No: 560020
Case Type: Other Groundwater affected (uses other than drinking water)
Global ID: T0608100496
Assessors Parcel No: 005231090

--Details--
Status: 9- Case Closed

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16 | ***2 of 2*** | ***NE*** | ***0.26 / 1,377.19*** | ***84.88 / -141*** | ***SIERRA NATURAL FOODS 440 VALLEY BRISBANE CA 94005*** | ***LUST***

Global ID: T0608100496
Case Type: LUST Cleanup Site
Status: Completed - Case Closed
Status Date: 1997-01-13 00:00:00
RB Case No: 41-0520
LOC Case No: 560020
Lead Agency: SAN MATEO COUNTY LOP
Case Worker: AJ
Local Agency: SAN MATEO COUNTY LOP
CUF Case: NO
Begin Date: 1991-11-14 00:00:00
How Discovered: Other Means
Stop Method: Other Means
County: San Mateo
Latitude: 37.691017
Longitude: -122.41418
File Location: Local Agency
Potential Media Of Concern: Stoddard solvent / Mineral Spriits / Distillates
Potential Media Affected: Other Groundwater (uses other than drinking water)
How Discovered Description:
Stop Description:
Cal Water Watershed Name: South Bay - San Mateo Bayside (204.40)
DWR Groundwater Subbasin Name: Visitacion Valley (2-32)
Site History:

Status History

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Status: Open - Case Begin Date **Status Date:** 1991-11-14 00:00:00

Status: Completed - Case Closed **Status Date:** 1997-01-13 00:00:00

Activities

Action Type: REMEDIATION
Action: Excavation
Date: 1992-02-25 00:00:00

Action Type: Other
Action: Leak Discovery
Date: 1991-11-21 00:00:00

Action Type: Other
Action: Leak Reported
Date: 1991-11-14 00:00:00

Action Type: ENFORCEMENT
Action: Notice of Responsibility - #1
Date: 1991-11-21 00:00:00

Action Type: REMEDIATION
Action: Other (Use Description Field)
Date: 1992-02-25 00:00:00

Contacts

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:
Phone No:

Contact Type: Local Agency Caseworker
Contact Name: ANNE JUREK
Organization Name: SAN MATEO COUNTY LOP
Address: 2000 Alameda de las Pulgas Suite 100
City: SAN MATEO
Email: ajurek@smcgov.org
Phone No: 6504002523

17	1 of 2	ENE	0.26 / 1,382.74	73.04 / -153	JALCO 427 VALLEY DR BRISBANE CA	SANMATEO LOP

Case No: 560018
Case Type: Other Groundwater affected (uses other than drinking water)
Global ID: T0608100284
Assessors Parcel No: 005232010

--Details--
Status: 9- Case Closed

17	2 of 2	ENE	0.26 / 1,382.74	73.04 / -153	JALCO 427 VALLEY BRISBANE CA 95004	LUST

Global ID: T0608100284
Case Type: LUST Cleanup Site
Status: Completed - Case Closed
Status Date: 1995-07-31 00:00:00
RB Case No: 41-0298
LOC Case No: 560018
Lead Agency: SAN MATEO COUNTY LOP
Case Worker: AJ
CUF Case: NO
Begin Date: 1991-08-15 00:00:00
How Discovered: Other Means
Stop Method: Other Means
County: San Mateo
Latitude: 37.6880911
Longitude: -122.4047375
File Location: Local Agency Warehouse

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Local Agency: SAN MATEO COUNTY LOP
Potential Media Of Concern: Gasoline
Potential Media Affected: Other Groundwater (uses other than drinking water)
How Discovered Description:
Stop Description:
Cal Water Watershed Name: South Bay - San Mateo Bayside (204.40)
DWR Groundwater Subbasin Name: Visitacion Valley (2-32)
Site History:

Status History

Status: Completed - Case Closed **Status Date:** 1995-07-31 00:00:00

Status: Open - Case Begin Date **Status Date:** 1991-08-15 00:00:00

Activities

Action Type: Other
Action: Leak Reported
Date: 1991-08-15 00:00:00

Action Type: REMEDIATION
Action: Excavation
Date: 1994-07-28 00:00:00

Action Type: ENFORCEMENT
Action: Notice of Responsibility - #1
Date: 1991-08-29 00:00:00

Action Type: Other
Action: Leak Discovery
Date: 1991-09-11 00:00:00

Contacts

Contact Type: Regional Board Caseworker **City:** OAKLAND
Contact Name: Regional Water Board **Email:**
Organization Name: SAN FRANCISCO BAY RWQCB (REGION 2) **Phone No:**
Address: 1515 CLAY ST SUITE 1400

Contact Type: Local Agency Caseworker **City:** SAN MATEO
Contact Name: ANNE JUREK **Email:** ajurek@smcgov.org
Organization Name: SAN MATEO COUNTY LOP **Phone No:** 6504002523
Address: 2000 Alameda de las Pulgas Suite 100

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
18	1 of 2	N	0.27 / 1,428.84	142.34 / -84	FRITO LAY 151 W HILL DR BRISBANE CA	SANMATEO LOP

Case No: 560027
Case Type: Other Groundwater affected (uses other than drinking water)
Global ID: T0608100919
Assessors Parcel No: 005300140

--Details--
Status: 9- Case Closed

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
18	2 of 2	N	0.27 / 1,428.84	142.34 / -84	FRITO LAY 151 WEST HILL DRIVE BRISBANE CA 94005	LUST

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Global ID: T0608100919
Case Type: LUST Cleanup Site
Status: Completed - Case Closed
Status Date: 2001-02-20 00:00:00
RB Case No: 41-1005
LOC Case No: 560027
Lead Agency: SAN MATEO COUNTY LOP
Case Worker: AJ
Local Agency: SAN MATEO COUNTY LOP
CUF Case: NO
Begin Date: 1996-09-18 00:00:00
How Discovered: Other Means
Stop Method: Other Means
County: San Mateo
Latitude: 37.6930044
Longitude: -122.4214061
File Location: Local Agency
Potential Media Of Concern: Diesel
Potential Media Affected: Other Groundwater (uses other than drinking water)
How Discovered Description:
Stop Description:
Cal Water Watershed Name: South Bay - San Mateo Bayside (204.40)
DWR Groundwater Subbasin Name: Visitacion Valley (2-32)
Site History:

Status History

Status:	Status Date:
Open - Case Begin Date	1996-09-18 00:00:00
Completed - Case Closed	2001-02-20 00:00:00

Activities

Action Type: ENFORCEMENT
Action: Notice of Responsibility - #1
Date: 1996-11-06 00:00:00

Action Type: Other
Action: Leak Discovery
Date: 1996-09-18 00:00:00

Action Type: Other
Action: Leak Reported
Date: 1996-09-18 00:00:00

Contacts

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:
Phone No:

Contact Type: Local Agency Caseworker
Contact Name: ANNE JUREK
Organization Name: SAN MATEO COUNTY LOP
Address: 2000 Alameda de las Pulgas Suite 100
City: SAN MATEO
Email: ajurek@smcgov.org
Phone No: 6504002523

19	1 of 2	E	0.39 / 2,061.25	48.51 / -178	SANTA CRUZ IMPORTS 385 VALLEY DR BRISBANE CA	SANMATEO LOP

Case No: 560019
Case Type: Other Groundwater affected (uses other than drinking water)
Global ID: T0608100306
Assessors Parcel No: 005172040

--Details--
Status: 9- Case Closed

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
19	2 of 2	E	0.39 / 2,061.25	48.51 / -178	SANTA CRUZ IMPORTS 385 VALLEY BRISBANE CA 94005	LUST

Global ID: T0608100306
Case Type: LUST Cleanup Site
Status: Completed - Case Closed
Status Date: 1993-04-06 00:00:00
RB Case No: 41-0321
LOC Case No: 560019
Lead Agency: SAN MATEO COUNTY LOP
Case Worker: AJ
Local Agency: SAN MATEO COUNTY LOP
CUF Case: NO
Begin Date: 1991-11-12 00:00:00
How Discovered: Other Means
Stop Method: Other Means
County: San Mateo
Latitude: 37.6889
Longitude: -122.4103
File Location: Local Agency
Potential Media Of Concern: Diesel
Potential Media Affected: Other Groundwater (uses other than drinking water)
How Discovered Description:
Stop Description:
Cal Water Watershed Name: South Bay - San Mateo Bayside (204.40)
DWR Groundwater Subbasin Name: Visitacion Valley (2-32)
Site History:

Status History

Status:	Status Date:
Open - Case Begin Date	1991-11-12 00:00:00
Completed - Case Closed	1993-04-06 00:00:00

Activities

Action Type:	Action:	Date:
Other	Leak Discovery	1991-11-12 00:00:00
Other	Leak Reported	1991-11-12 00:00:00
ENFORCEMENT	Notice of Responsibility - #1	1991-12-18 00:00:00

Contacts

Contact Type:	Contact Name:	Organization Name:	Address:	City:	Email:	Phone No:
Local Agency Caseworker	ANNE JUREK	SAN MATEO COUNTY LOP	2000 Alameda de las Pulgas Suite 100	SAN MATEO	ajurek@smcgov.org	6504002523
Regional Board Caseworker	Regional Water Board	SAN FRANCISCO BAY RWQCB (REGION 2)	1515 CLAY ST SUITE 1400	OAKLAND		

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
20	1 of 4	E	0.45 / 2,385.10	39.67 / -186	HIEDELBURG WEST 355 VALLEY BRISBANE CA 94005	CLEANUP SITES

Global ID: T0608133889
Case Type: Cleanup Program Site
Status: Open - Site Assessment
Status Date: 2015-03-18 00:00:00
CUF Case: NO
Begin Date: 1987-08-27 00:00:00
How Discovered: Other Means
Stop Method: Other Means

RB Case No:	41-0267	**County:**	San Mateo
LOC Case No:	569001	**Latitude:**	37.687652742
Lead Agency:	SAN MATEO COUNTY LOP	**Longitude:**	-122.408768163
Case Worker:	AJ	**File Location:**	
Local Agency:	SAN MATEO COUNTY LOP		

Potential Cntm of Concrn: Trichloroethylene (TCE)
Potential Media Affected: Other Groundwater (uses other than drinking water)
How Discovered Description:
Stop Description:
Cal Water Watershed Name: South Bay - San Mateo Bayside (204.40)
DWR Groundwater Subbasin Name: Visitacion Valley (2-32)
Site History:

Extracted from Aquifer Sciences' January 11, 2005 Semiannual Groundwater Monitoring, Second Semester 2004 report, San Mateo County does not take responsibility for the accuracy of the statements made or any professional interpretations made in the referenced report. A 500-gallon underground waste solvent tank was installed at 355 Valley Drive during the fall of 1983. The 500-gallon underground waste solvent tank was removed in January 1991. In August 1987, a 2,000-gallon underground gasoline tank was removed. It is not known when the underground gasoline tank was installed. A closure letter for the underground waste solvent tank was issued by San Mateo County Department of Health Services (SMCDHS) on April 24,1991. Closure letters for the underground gasorme tank were issued by SMCDHS on November 17 and 28,1995. Halogenated volatile organic compounds (VOC) were discovered in groundwater at the site in 1989. Soil, groundwater, and soil vapor investigations were conducted after the initial discovery. These environmental investigations included drilling soil borings; installing groundwater monitoring we&, and testing soil, groundwater, and soil vapor samples. Groundwater monitoring has been conducted since July 1993. In February 1995, soil remediation was conducted by excavating an area surrounding former monitoring well MW-5 and former piezometer B-1 in the southern portion of the site. A transite pipeline was uncovered in the excavation and was partially removed. Additional segments of the transite pipeline were excavated and removed in May 1995. Details concerning soil excavation in the vicinity of former well MW-5 and the removal of the transite pipeline are presented in the "Soil Excavation Report" dated April 14,1995, and 'Transite Pipeline Excavation Reportn dated July 7.1995. In March 1997, soil borings were drilled and groundwater monitoring wells were installed at 325 Valley Drive to investigate the lateral extent of the dissolved contaminant plume. Details concerning this investigation are presented in the report entitled "Offsite Investigation and Quarterly Groundwater Monitoring, March 1997' dated June 5,1997. In July 1998, extraction wells were installed at 325 and 355 Valley Drive in preparation for groundwater remediation. A groundwater monitoring well was also installed in the second aquifer to assess the vertical extent of contamination. Details concerning well installation and investigation of the second aquifer are presented in the report entitled "Quarterly Groundwater Monitoring and Well Installation, July through September 1998" dated November 11,1998. In July 15, 1998, additional excavation in the vicinity of boring B-8 was undertaken to complete the remediation of contaminated soil at the site. Soil remediation was completed in October 1998, and accepted by San Mateo County in January 1999. During 1999 and 2000, a groundwater extraction and treatment system was installed at the site. In May 2000, operation of the system began. The treatment system influent and effluent are monitored on a regular basis. The system is maintained, and groundwater samples are collected for laboratory analysis to evaluate the progress of remediation.

Status History

Status:	Open - Remediation	**Status Date:**	1987-08-27 00:00:00
Status:	Open - Case Begin Date	**Status Date:**	1987-08-27 00:00:00
Status:	Open - Site Assessment	**Status Date:**	2015-03-18 00:00:00

Activities

Action Type: RESPONSE
Action: Monitoring Report - Semi-Annually
Date: 2011-08-15 00:00:00

Action Type: RESPONSE
Action: Monitoring Report - Quarterly
Date: 2003-08-15 00:00:00

Action Type: RESPONSE
Action: Risk Assessment Report
Date: 2004-10-01 00:00:00

Action Type: RESPONSE
Action: Risk Assessment Report
Date: 2006-08-22 00:00:00

Action Type: RESPONSE
Action: Monitoring Report - Quarterly
Date: 2003-02-15 00:00:00

Action Type: RESPONSE
Action: Soil and Water Investigation Report
Date: 2009-03-02 00:00:00

Action Type: ENFORCEMENT
Action: Staff Letter - #20020326
Date: 2002-03-26 00:00:00

Action Type: ENFORCEMENT
Action: Staff Letter - #20141007
Date: 2014-10-07 00:00:00

Action Type: RESPONSE
Action: Site Assessment Report - Regulator Responded
Date: 2015-05-29 00:00:00

Action Type: RESPONSE
Action: Soil Vapor Intrusion Investigation Workplan - Regulator Responded
Date: 2014-12-31 00:00:00

Action Type: RESPONSE
Action: Risk Assessment Report - Regulator Responded
Date: 2013-10-25 00:00:00

Action Type: RESPONSE
Action: Monitoring Report - Semi-Annually
Date: 2016-02-15 00:00:00

Action Type: RESPONSE
Action: Monitoring Report - Semi-Annually
Date: 2014-08-15 00:00:00

Action Type: RESPONSE
Action: Monitoring Report - Semi-Annually
Date: 2013-08-15 00:00:00

Action Type: RESPONSE
Action: Monitoring Report - Quarterly
Date: 2004-08-15 00:00:00

Action Type: RESPONSE
Action: Soil and Water Investigation Workplan
Date: 2004-10-01 00:00:00

Action Type: RESPONSE
Action: Monitoring Report - Quarterly
Date: 2008-02-15 00:00:00

Action Type: ENFORCEMENT
Action: Staff Letter - #20060608
Date: 2006-06-08 00:00:00

Action Type: ENFORCEMENT
Action: Email Correspondence - #20180126
Date: 2018-01-26 00:00:00

Action Type: RESPONSE
Action: Monitoring Report - Annually
Date: 2011-02-15 00:00:00

Action Type: RESPONSE
Action: Monitoring Report - Quarterly
Date: 2006-08-15 00:00:00

Action Type: ENFORCEMENT
Action: Staff Letter - #20040217A
Date: 2004-02-17 00:00:00

Action Type: ENFORCEMENT
Action: * Historical Enforcement - #1
Date: 1989-10-03 00:00:00

Action Type: ENFORCEMENT
Action: Staff Letter - #20060831
Date: 2006-08-31 00:00:00

Action Type: ENFORCEMENT
Action: Staff Letter - #20130730
Date: 2013-07-30 00:00:00

Action Type: ENFORCEMENT
Action: Notice of Violation - #20160211
Date: 2016-02-11 00:00:00

Action Type: ENFORCEMENT
Action: Staff Letter - #20140422
Date: 2014-04-22 00:00:00

Action Type: RESPONSE
Action: Site Investigation Workplan - Regulator Responded
Date: 2016-05-06 00:00:00

Action Type: RESPONSE
Action: Monitoring Report - Semi-Annually
Date: 2016-08-15 00:00:00

Action Type: ENFORCEMENT
Action: Staff Letter - #20161007
Date: 2016-10-07 00:00:00

Action Type: RESPONSE
Action: Other Workplan - Regulator Responded
Date: 2013-04-30 00:00:00

Action Type: RESPONSE
Action: Monitoring Report - Semi-Annually
Date: 2015-02-15 00:00:00

Action Type: RESPONSE
Action: Monitoring Report - Semi-Annually
Date: 2012-08-15 00:00:00

Action Type: RESPONSE
Action: Other Workplan
Date: 2013-03-06 00:00:00

Action Type: RESPONSE
Action: Monitoring Report - Semi-Annually
Date: 2008-08-15 00:00:00

Action Type: RESPONSE
Action: Monitoring Report - Quarterly
Date: 2004-02-15 00:00:00

Action Type: RESPONSE
Action: Monitoring Report - Quarterly
Date: 2006-02-15 00:00:00

Action Type: RESPONSE
Action: Monitoring Report - Quarterly
Date: 2005-08-15 00:00:00

Action Type: RESPONSE
Action: Risk Assessment Report
Date: 2005-01-28 00:00:00

Action Type: RESPONSE

Action: Monitoring Report - Semi-Annually
Date: 2009-02-15 00:00:00

Action Type: ENFORCEMENT
Action: Staff Letter - #20040217B
Date: 2004-02-17 00:00:00

Action Type: ENFORCEMENT
Action: Staff Letter - #20160615
Date: 2016-06-15 00:00:00

Action Type: Other
Action: Leak Reported
Date: 1987-08-27 00:00:00

Action Type: RESPONSE
Action: Site Investigation Workplan - Regulator Responded
Date: 2017-01-13 00:00:00

Action Type: RESPONSE
Action: Monitoring Report - Semi-Annually
Date: 2015-08-15 00:00:00

Action Type: RESPONSE
Action: Monitoring Report - Semi-Annually
Date: 2009-08-15 00:00:00

Action Type: RESPONSE
Action: Monitoring Report - Annually
Date: 2012-02-15 00:00:00

Action Type: ENFORCEMENT
Action: Staff Letter - #20130123
Date: 2013-01-23 00:00:00

Action Type: ENFORCEMENT
Action: Staff Letter - #20130318
Date: 2013-03-18 00:00:00

Action Type: RESPONSE
Action: Electronic Reporting Submittal Due
Date: 2006-09-30 00:00:00

Action Type: RESPONSE
Action: Monitoring Report - Quarterly
Date: 2007-08-15 00:00:00

Action Type: ENFORCEMENT
Action: Staff Letter - #20041008
Date: 2004-10-08 00:00:00

Action Type: ENFORCEMENT
Action: Staff Letter - #20150117
Date: 2015-02-17 00:00:00

Action Type: ENFORCEMENT
Action: Staff Letter - #20170216
Date: 2017-02-16 00:00:00

Action Type: RESPONSE
Action: Site Assessment Report - Regulator Responded
Date: 2016-09-16 00:00:00

Action Type: RESPONSE
Action: Monitoring Report - Semi-Annually
Date: 2017-08-15 00:00:00

Action Type: REMEDIATION
Action: Excavation

Date: 1995-02-01 00:00:00

Action Type: RESPONSE
Action: Monitoring Report - Semi-Annually
Date: 2017-02-15 00:00:00

Action Type: RESPONSE
Action: Other Report / Document
Date: 2014-12-19 00:00:00

Action Type: RESPONSE
Action: Monitoring Report - Semi-Annually
Date: 2013-02-15 00:00:00

Action Type: RESPONSE
Action: Monitoring Report - Annually
Date: 2010-08-15 00:00:00

Action Type: RESPONSE
Action: Monitoring Report - Quarterly
Date: 2007-02-15 00:00:00

Action Type: ENFORCEMENT
Action: Staff Letter - #20090811
Date: 2009-08-11 00:00:00

Action Type: ENFORCEMENT
Action: Staff Letter - #20081118
Date: 2008-11-18 00:00:00

Action Type: RESPONSE
Action: Site Assessment Report
Date: 2017-06-16 00:00:00

Action Type: RESPONSE
Action: Remedial Progress Report
Date: 2014-02-15 00:00:00

Action Type: ENFORCEMENT
Action: Staff Letter - #20070308
Date: 2007-03-08 00:00:00

Action Type: RESPONSE
Action: Monitoring Report - Quarterly
Date: 2005-02-15 00:00:00

Action Type: RESPONSE
Action: Soil and Water Investigation Workplan
Date: 2008-09-02 00:00:00

Action Type: Other
Action: Leak Discovery
Date: 1988-03-21 00:00:00

Action Type: RESPONSE
Action: Site Investigation Workplan - Regulator Responded
Date: 2014-03-28 00:00:00

Action Type: RESPONSE
Action: Site Assessment Report - Regulator Responded
Date: 2014-07-31 00:00:00

Action Type: REMEDIATION
Action: Pump & Treat (P&T) Groundwater
Date: 2000-05-02 00:00:00

Action Type: ENFORCEMENT
Action: Staff Letter - #20140121
Date: 2014-01-21 00:00:00

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Contacts

Contact Type:	Local Agency Caseworker	***City:***	SAN MATEO
Contact Name:	ANNE JUREK	***Email:***	ajurek@smcgov.org
Organization Name:	SAN MATEO COUNTY LOP	***Phone No:***	6504002523
Address:	2000 Alameda de las Pulgas Suite 100		
Contact Type:	Regional Board Caseworker	***City:***	OAKLAND
Contact Name:	Regional Water Board	***Email:***	
Organization Name:	SAN FRANCISCO BAY RWQCB (REGION 2)	***Phone No:***	
Address:	1515 CLAY ST SUITE 1400		

20	*2 of 4*	*E*	*0.45 / 2,385.10*	*39.67 / -186*	*HIEDELBURG WEST 355 VALLEY DR BRISBANE CA*	*SANMATEO LOP*

Case No:	560007
Case Type:	Other Groundwater affected (uses other than drinking water)
Global ID:	T0608100254
Assessors Parcel No:	005172030

--Details--

Status:	9- Case Closed

20	*3 of 4*	*E*	*0.45 / 2,385.10*	*39.67 / -186*	*HIEDELBURG WEST 355 VALLEY DR BRISBANE CA*	*SANMATEO LOP*

Case No:	569001
Case Type:	Other Groundwater affected (uses other than drinking water)
Global ID:	T0608133889
Assessors Parcel No:	005172030

--Details--

Status:	7- Remedial Action Underway

20	*4 of 4*	*E*	*0.45 / 2,385.10*	*39.67 / -186*	*HIEDELBURG WEST 355 VALLEY BRISBANE CA 94005*	*LUST*

Global ID:	T0608100254	***CUF Case:***	NO
Case Type:	LUST Cleanup Site	***Begin Date:***	1987-08-27 00:00:00
Status:	Completed - Case Closed	***How Discovered:***	Other Means
Status Date:	1995-11-28 00:00:00	***Stop Method:***	Other Means
RB Case No:	41-0267	***County:***	San Mateo
LOC Case No:	560007	***Latitude:***	37.687505
Lead Agency:	SAN MATEO COUNTY LOP	***Longitude:***	-122.409205
Case Worker:	AJ	***File Location:***	Local Agency Warehouse
Local Agency:	SAN MATEO COUNTY LOP		
Potential Media Of Concern:	Gasoline		
Potential Media Affected:	Other Groundwater (uses other than drinking water)		
How Discovered Description:			
Stop Description:			
Cal Water Watershed Name:	South Bay - San Mateo Bayside (204.40)		
DWR Groundwater Subbasin Name:	Visitacion Valley (2-32)		
Site History:			

Status History

Status:	Open - Case Begin Date	***Status Date:***	1987-08-27 00:00:00
Status:	Completed - Case Closed	***Status Date:***	1995-11-28 00:00:00

Activities

Action Type: Other
Action: Leak Reported
Date: 1987-08-27 00:00:00

Action Type: REMEDIATION
Action: Excavation
Date: 1994-11-08 00:00:00

Action Type: Other
Action: Leak Discovery
Date: 1988-03-21 00:00:00

Action Type: ENFORCEMENT
Action: Notice of Responsibility - #1
Date: 1989-10-03 00:00:00

Contacts

Contact Type:	Local Agency Caseworker	***City:***	SAN MATEO
Contact Name:	ANNE JUREK	***Email:***	ajurek@smcgov.org
Organization Name:	SAN MATEO COUNTY LOP	***Phone No:***	6504002523
Address:	2000 Alameda de las Pulgas Suite 100		
Contact Type:	Regional Board Caseworker	***City:***	OAKLAND
Contact Name:	Regional Water Board	***Email:***	
Organization Name:	SAN FRANCISCO BAY RWQCB (REGION 2)	***Phone No:***	
Address:	1515 CLAY ST SUITE 1400		

21	1 of 4	E	0.68 / 3,589.17	15.22 / -211	QUICKSILVER PRODUCTS INC 200 VALLEY DR BRISBANE CA 940050000	ENVIROSTOR

Estor/EPA ID:	CAD981424732	***County:***	SAN MATEO
Facility Type:		***Latitude:***	37.688226
Site Code:		***Longitude:***	-122.405059
Program Type 2:	HAZARDOUS WASTE FACILITY	***Acres:***	
Special Program:		***Office:***	
Nat Priority List:		***Census Tract:***	6081600100
Funding:		***Permit Renewal Lead:***	
Assembly District:	22	***Project Manager:***	
Senate District:	13	***Pub Partici Spec:***	
School District:		***Supervisor:***	

Site Type: CLOSED
- PERMIT AUTHORITY: RCRA

Cleanup Status:
Clean Up Oversight Agency:
Cause of Contamination:
Potential Media Affected:
APN:
Potential Contaminants:

Site History:

NO FACILITY HISTORY HAS BEEN ENTERED FOR THIS SITE

Program Type: INSPECTION
Status: NO ACTION

Cal Enviro Score: 71-75%
Summary Link: http://www.envirostor.dtsc.ca.gov/public/eerp_profile_report?global_id=3000300

Program Type: HAZ WASTE - RCRA
Status: CLOSED
Cal Enviro Score: 71-75%
Summary Link: http://www.envirostor.dtsc.ca.gov/public/hwmp_profile_report?global_id=CAD981424732

Permit Units - Completed Activities

Date: 8/6/1994
Unit: CONTAIN1 (GPRA UNIT)
Event Description: NEW OPERATING PERMIT - FINAL PERMIT (EXPIRES)
Doc Link:

Date: 8/7/1989
Unit: CONTAIN1 (GPRA UNIT)
Event Description: NEW OPERATING PERMIT - FINAL PERMIT
Doc Link:

Date: 12/7/1988
Unit: CONTAIN1 (GPRA UNIT)
Event Description: NEW OPERATING PERMIT - PUBLIC COMMENT (BEGIN)
Doc Link:

Date: 1/21/1989
Unit: CONTAIN1 (GPRA UNIT)
Event Description: NEW OPERATING PERMIT - PUBLIC COMMENT (END)
Doc Link:

Date: 8/7/1989
Unit: CONTAIN1 (GPRA UNIT)
Event Description: NEW OPERATING PERMIT - FINAL PERMIT
Doc Link:

Date: 12/7/1988
Unit: CONTAIN1 (GPRA UNIT)
Event Description: NEW OPERATING PERMIT - PUBLIC COMMENT (BEGIN)
Doc Link:

Date: 8/7/1989
Unit: CONTAIN1 (GPRA UNIT)
Event Description: NEW OPERATING PERMIT - FINAL PERMIT (EFFECTIVE)
Doc Link:

Date: 12/5/1988
Unit: CONTAIN1 (GPRA UNIT)
Event Description: NEW OPERATING PERMIT - APPLICATION PART A RECEIVED
Doc Link:

Date: 12/6/1988
Unit: CONTAIN1 (GPRA UNIT)
Event Description: NEW OPERATING PERMIT - RESPONSE TO 3RD NOD RECEIVED
Doc Link:

Date: 4/2/1986
Unit: CONTAIN1 (GPRA UNIT)
Event Description: NEW OPERATING PERMIT - APPLICATION PART B RECEIVED
Doc Link:

Date: 8/7/1989
Unit: CONTAIN1 (GPRA UNIT)
Event Description: NEW OPERATING PERMIT - FINAL PERMIT (EFFECTIVE)
Doc Link:

Date: 12/7/1988
Unit: CONTAIN1 (GPRA UNIT)
Event Description: NEW OPERATING PERMIT - DRAFT PERMIT

Doc Link:

Date: 12/6/1988
Unit: CONTAIN1 (GPRA UNIT)
Event Description: NEW OPERATING PERMIT - TECHNICAL COMPLETE LETTER
Doc Link:

Units Undergoing Closure

Unit: CONTAIN1 (GPRA UNIT)
Date: 6/25/1999
Event Description: CLOSURE FINAL - ISSUE CLOSURE VERIFICATION
Doc Link: http://www.envirostor.dtsc.ca.gov/public/https://www.hwmpenvirostor.dtsc.ca.gov/public/site_documents/8027921378/Quicksilver%5FClosureApproval%5F062599%2Epdf

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21	2 of 4	E	0.68 / 3,589.17	15.22 / -211	**QUICKSILVER PRODUCTS INC** **200 VALLEY DR** **BRISBANE CA 940050000**	ENVIROSTOR

Estor/EPA ID: 80001472
Facility Type: CORRECTIVE ACTION
Site Code:
Program Type 2:
Special Program:
Nat Priority List: NO
Funding:
Assembly District: 22
Senate District: 13
School District:
County: SAN MATEO
Latitude: 37.688226
Longitude: -122.405059
Acres: 0 ACRES
Office: CLEANUP BERKELEY
Census Tract: 6081600100
Permit Renewal Lead:
Project Manager:
Pub Partici Spec:
Supervisor: MARK PIROS
Site Type: CORRECTIVE ACTION
Cleanup Status: CERTIFIED AS OF 12/31/1998
Clean Up Oversight Agency: DTSC - SITE CLEANUP PROGRAM
Cause of Contamination: HAZARDOUS WASTE TREATMENT, METAL RECLAMATION
Potential Media Affected: SOIL
APN: 100900010
Potential Contaminants:

MERCURY (ELEMENTAL)

Site History:

See Envirostor Profile 41280138 for specific site information.

Program Type: CORRECTIVE ACTION
Status: CERTIFIED
Cal Enviro Score: 71-75%
Summary Link: http://www.envirostor.dtsc.ca.gov/public/profile_report?global_id=80001472

Completed Activities

Date Completed: 11/6/1998
Area Name:
Sub Area:
Title: DTE FOR PUBLIC NOTICE ON PROPOSED REMEDY (CA380)
Area Link:
Sub Area Link:
Title Link: http://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=80001472&doc_id=6024864
Document Type: Public Notice
Comments: Fact Sheet. Laki 1/29/09.

Date Completed: 12/31/1998
Area Name:
Sub Area:
Title: Remedy Constructed
Area Link:

Sub Area Link:
Title Link:
Document Type: Remedy Constructed
Comments:

Date Completed: 5/18/2010
Area Name:
Sub Area:
Title: Human Exposure Controlled
Area Link:
Sub Area Link:
Title Link:
Document Type: Human Exposure Controlled
Comments:

Date Completed: 4/30/2000
Area Name:
Sub Area:
Title: Voluntary C A
Area Link:
Sub Area Link:
Title Link:
Document Type: Consent Order
Comments:

Date Completed: 4/30/2000
Area Name:
Sub Area:
Title: RFA COMPLETED (CA050)
Area Link:
Sub Area Link:
Title Link: http://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=80001472&enforcement_id=6015887
Document Type: RCRA Facility Assessment Report
Comments: RCRA Facility Assessment Completed

Date Completed: 11/30/1998
Area Name:
Sub Area:
Title: Remedy Selected
Area Link:
Sub Area Link:
Title Link:
Document Type: * Remedy Selected
Comments:

Date Completed: 12/31/1998
Area Name:
Sub Area:
Title: CERTIFICATION OF REMEDY COMPLETION (CMI) (CA550)
Area Link:
Sub Area Link:
Title Link: http://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=80001472&doc_id=6024863
Document Type: Remedy Constructed: Operating Properly & Successfully
Comments: CMI Report/Approval. Laki 1/29/09

Date Completed: 3/15/2012
Area Name:
Sub Area:
Title: GPRA Environmental Indicator - Remedy Construction Complete
Area Link:
Sub Area Link:
Title Link: http://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=80001472&enforcement_id=60300987
Document Type: Remedy Constructed
Comments: Document discusses how remedy implementation was completed at the Quicksilver Products facility.

Date Completed: 11/30/1998
Area Name:
Sub Area:
Title: DATE FOR REMEDY SELECTION (CM IMPOSED) (CA400)

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Area Link:
Sub Area Link:
Title Link: http://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=80001472&enforcement_id=60180017
Document Type: Remedy Selection and Statement of Basis
Comments: Remedy Initiated/Approved 11-30-1998

Date Completed: 2/9/1993
Area Name:
Sub Area:
Title: STABILIZATION MEASURES EVALUATION (CA225)
Area Link:
Sub Area Link:
Title Link: http://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=80001472&enforcement_id=6015838
Document Type: Interim Measures Questionnaire
Comments: Stabilization Measures Evaluation

Date Completed: 2/3/1999
Area Name:
Sub Area:
Title: CA PROCESS IS TERMINATED (CA999)
Area Link:
Sub Area Link:
Title Link:
Document Type: * CA Process is Terminated
Comments: Remedy Approved. Laki 2/4/09

Date Completed: 1/25/2012
Area Name:
Sub Area:
Title: GPRA Environmental Indicator - Migration of Contaminated Ground Water Under Control
Area Link:
Sub Area Link:
Title Link: http://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=80001472&enforcement_id=60290553
Document Type: Groundwater Migration Controlled
Comments: GPRA Environmental Indicator - Migration of Contaminated Ground Water under Control completed. Yes conclusion that migration of ground water is under control.

21	3 of 4	E	0.68 / 3,589.17	15.22 / -211	**QUICKSILVER PRODUCTS INC** **200 VALLEY DR** **BRISBANE CA 940050000**	HWP

EPA ID: CAD981424732
Status: CLOSED
Facility Type: Historical - Non-Operating
Facility Size:
Team:
Site Code:
County: SAN MATEO

Latitude: 37.688226
Longitude: -122.405059
Assembly District: 22
Senate District: 13
Public Info Officer:
Public Part Speci:
Project Manager:

Hazardous Waste Units Completed Activities

Completed Date: 08/07/1989
Event Description: New Operating Permit - FINAL PERMIT
Unit Names: CONTAIN1 (GPRA Unit)

Completed Date: 08/07/1989
Event Description: New Operating Permit - FINAL PERMIT (EFFECTIVE)
Unit Names: CONTAIN1 (GPRA Unit)

Completed Date: 12/05/1988
Event Description: New Operating Permit - APPLICATION PART A RECEIVED
Unit Names: CONTAIN1 (GPRA Unit)

Completed Date: 08/07/1989
Event Description: New Operating Permit - FINAL PERMIT
Unit Names: CONTAIN1 (GPRA Unit)

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Completed Date: 10/01/1985
Event Description: New Operating Permit - CALL-IN LETTER ISSUED
Unit Names: CONTAIN1 (GPRA Unit)

Completed Date: 04/02/1986
Event Description: New Operating Permit - APPLICATION PART B RECEIVED
Unit Names: CONTAIN1 (GPRA Unit)

Completed Date: 12/06/1988
Event Description: New Operating Permit - TECHNICAL COMPLETE LETTER
Unit Names: CONTAIN1 (GPRA Unit)

Completed Date: 01/21/1989
Event Description: New Operating Permit - PUBLIC COMMENT (END)
Unit Names: CONTAIN1 (GPRA Unit)

Completed Date: 12/06/1988
Event Description: New Operating Permit - RESPONSE TO 3RD NOD RECEIVED
Unit Names: CONTAIN1 (GPRA Unit)

Completed Date: 12/07/1988
Event Description: New Operating Permit - DRAFT PERMIT
Unit Names: CONTAIN1 (GPRA Unit)

Completed Date: 08/06/1994
Event Description: New Operating Permit - FINAL PERMIT (EXPIRES)
Unit Names: CONTAIN1 (GPRA Unit)

Completed Date: 10/01/1985
Event Description: New Operating Permit - CALL-IN LETTER ISSUED
Unit Names: CONTAIN1 (GPRA Unit)

Completed Date: 12/07/1988
Event Description: New Operating Permit - PUBLIC COMMENT (BEGIN)
Unit Names: CONTAIN1 (GPRA Unit)

Completed Date: 08/07/1989
Event Description: New Operating Permit - FINAL PERMIT (EFFECTIVE)
Unit Names: CONTAIN1 (GPRA Unit)

Completed Date: 12/07/1988
Event Description: New Operating Permit - PUBLIC COMMENT (BEGIN)
Unit Names: CONTAIN1 (GPRA Unit)

Hazardous Waste Units Undergoing Closure

Completed Date: 06/25/1999
Event Description: Closure Final - ISSUE CLOSURE VERIFICATION
Unit Names: CONTAIN1 (GPRA Unit)

Alias

Alias: 41280138
Alias Type: Envirostor ID Number

21	4 of 4	E	0.68 / 3,589.17	15.22 / -211	QUICKSILVER PRODUCTS INC 200 VALLEY DR BRISBANE CA 94005	INSP COMP ENF

EPA ID: CAD981424732
County: SAN MATEO
Geotracker Address: 200 VALLEY DR
Geotracker City: BRISBANE
Geotracker Latitude: 37.688226
Geotracker Longitude: -122.405059
Report URL: https://www.envirostor.dtsc.ca.gov/public/eerp_profile_report?global_id=3000300

Inspection Information

Title:	Compliance Evaluation Inspection - * Non Major
Title Link:	
Inspection Date:	2/25/1998
Violations:	Class 1
Return to Compliance:	12/31/1998
Report Sent Date:	4/28/1998

Enforcement Information

Enforcement Type:	Enforcement Order Issued (210)
Enforcement Date:	1/27/1998
Enforcement Type:	Compliance Evaluation Inspection - * Non Major
Enforcement Date:	2/25/1998
Enforcement Type:	Final Administrative Settlement (310)
Enforcement Date:	7/16/1999

Enforcement Actions

Title:	Final Administrative Settlement (310)
Title Link:	
Issued Completed Date:	7/16/1999
Title:	Enforcement Order Issued (210)
Title Link:	
Issued Completed Date:	1/27/1998

Permitting

Site Code:	
Site Facility Type:	CLOSED - PERMIT AUTHORITY: RCRA
Program Type:	HAZARDOUS WASTE FACILITY
Assembly District:	22
Senate District:	13
Facility Type:	HIST PERMITTED
Facility History:	

NO FACILITY HISTORY HAS BEEN ENTERED FOR THIS SITE

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
22	1 of 1	E	0.75 / 3,938.87	13.92 / -212	QUICKSILVER PRODUCTS INC 200 VALLEY DR STE 1 BRISBANE CA 94005	RCRA CORRACTS

EPA Handler ID:	CAD981424732
Land Type Code:	
Land Type Desc:	
Federal Waste Generator Code:	2
Gen Status Univ Code:	SQG
Gen Status Univ Desc:	Small Quantity Generator
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	Yes
Transfer Facility:	No
Recycler Activity:	No
Onsite Burner Exemption:	No
Furnace Exemption:	No
Underground Inject Activity:	No
Receives Waste from Offsite:	Yes

TSD Type:	---S-
TSD Activity:	Yes
Corrective Action Univ:	Yes
Action has been Imposed:	No
Action under 3004 (U)/(V):	No
Institutional Control Indicator:	N
Used Oil Transporter:	No
Used Oil Transfer Facility:	No
Used Oil Processor:	No
Used Oil Refiner:	No
Used Oil Burner:	No
Used Oil Market Burner:	No
Used Oil Spec Marketer:	No
Activity Location:	CA
County Code:	CA081
County Name:	SAN MATEO
Contact Name:	RITCHEY VAUGHN
Contact Phone No and Exten:	415-468-2000
Contact Email:	
Contact Address:	200 VALLEY DR STE 1 , BRISBANE , CA, 94005 , US
Mailing Address:	200 VALLEY DR STE 1 , BRISBANE , CA, 94005 , US

Violation/Evaluation Summary

Note: VIOLATION or UNDETERMINED: There are VIOLATION or UNDETERMINED details or records associated with this facility (EPA ID) in the Compliance Monitoring and Enforcement table dated Jan 24, 2018.

Violation/Evaluation Details

Evaluation ID:	008	**Former Citation:**	F - 264.140-150.H
Found Violation:	Y	**Sched Compl Dt:**	
Eval Start Date:	19951221	**Enforcement ID:**	013
Evaluation Agency:	S	**Enforcement Agency:**	S
Evaluation Type:	CEI	**Enforce Action Dt:**	19951221
Eval Resp Person:	R9STA	**Enforcement Type:**	120
Eval Suborg:		**Enforce Type Desc:**	WRITTEN INFORMAL
Citizen Complaint:	No	**Enforce Resp Person:**	R9STA
Multimedia Inspect:	No	**Enforce Suborg:**	
Sampling Flag:	No	**Enforce Actvty Loc:**	CA
Not Subtitle C:	No	**Docket No:**	
Focus Area:		**Attorney:**	
Focus Area Desc:		**Corr Act Component:**	No
Handler Actvty Loc:	CA	**Appeal Init Dt:**	
Handler Name:	QUICKSILVER PRODUCTS INC	**Appeal Resolved Dt:**	
Region:	09	**Disposition Status:**	
State:	CA	**Disp Status Dt:**	
Land Type:		**Disp Status Desc:**	
Date of Request:		**Lead Agency:**	
Date Response Rcvd:		**Expenditure Amount:**	
Request Agency:		**SEP Sched Comp Dt:**	
Request Actvty Loc:		**SEP Actual Comp Dt:**	
Viol Activity Loc:	CA	**SEP Defaulted Date:**	
Viol Determined:	S	**SEP Type:**	
Violation Type:	264.H	**Prop Pentalty Amt:**	
Viol Determined Dt:	19960119	**Final Monetary Amt:**	
Rtrn to Compl Dt:	19961210	**Paid Amount:**	
Rtrn to Compl Qual:	O	**Final Count:**	
Viol Resp Agency:	S	**Final Amount:**	
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE		
Violation Short Description:	TSD - Financial Requirements		
Respondent Name:			
SEP Type Description:			

Violation/Evaluation Details

Evaluation ID:	009	**Former Citation:**	

Found Violation:	N	**Sched Compl Dt:**	
Eval Start Date:	19961210	**Enforcement ID:**	
Evaluation Agency:	S	**Enforcement Agency:**	
Evaluation Type:	CEI	**Enforce Action Dt:**	
Eval Resp Person:	R9STA	**Enforcement Type:**	
Eval Suborg:		**Enforce Type Desc:**	
Citizen Complaint:	No	**Enforce Resp Person:**	
Multimedia Inspect:	No	**Enforce Suborg:**	
Sampling Flag:	No	**Enforce Actvty Loc:**	
Not Subtitle C:	No	**Docket No:**	
Focus Area:		**Attorney:**	
Focus Area Desc:		**Corr Act Component:**	
Handler Actvty Loc:	CA	**Appeal Init Dt:**	
Handler Name:	QUICKSILVER PRODUCTS INC	**Appeal Resolved Dt:**	
Region:	09	**Disposition Status:**	
State:	CA	**Disp Status Dt:**	
Land Type:		**Disp Status Desc:**	
Date of Request:		**Lead Agency:**	
Date Response Rcvd:		**Expenditure Amount:**	
Request Agency:		**SEP Sched Comp Dt:**	
Request Actvty Loc:		**SEP Actual Comp Dt:**	
Viol Activity Loc:		**SEP Defaulted Date:**	
Viol Determined:		**SEP Type:**	
Violation Type:		**Prop Pentalty Amt:**	
Viol Determined Dt:		**Final Monetary Amt:**	
Rtrn to Compl Dt:		**Paid Amount:**	
Rtrn to Compl Qual:		**Final Count:**	
Viol Resp Agency:		**Final Amount:**	
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE		
Violation Short Description:			
Respondent Name:			
SEP Type Description:			

Violation/Evaluation Details

Evaluation ID:	002	**Former Citation:**	FR - 262.50-60
Found Violation:	Y	**Sched Compl Dt:**	
Eval Start Date:	19910911	**Enforcement ID:**	001
Evaluation Agency:	S	**Enforcement Agency:**	S
Evaluation Type:	CEI	**Enforce Action Dt:**	19910917
Eval Resp Person:	R9STA	**Enforcement Type:**	226
Eval Suborg:		**Enforce Type Desc:**	
Citizen Complaint:	No	**Enforce Resp Person:**	R9STA
Multimedia Inspect:	No	**Enforce Suborg:**	
Sampling Flag:	No	**Enforce Actvty Loc:**	CA
Not Subtitle C:	No	**Docket No:**	
Focus Area:		**Attorney:**	
Focus Area Desc:		**Corr Act Component:**	No
Handler Actvty Loc:	CA	**Appeal Init Dt:**	
Handler Name:	QUICKSILVER PRODUCTS INC	**Appeal Resolved Dt:**	
Region:	09	**Disposition Status:**	
State:	CA	**Disp Status Dt:**	
Land Type:		**Disp Status Desc:**	
Date of Request:		**Lead Agency:**	
Date Response Rcvd:		**Expenditure Amount:**	
Request Agency:		**SEP Sched Comp Dt:**	
Request Actvty Loc:		**SEP Actual Comp Dt:**	
Viol Activity Loc:	CA	**SEP Defaulted Date:**	
Viol Determined:	S	**SEP Type:**	
Violation Type:	262.A	**Prop Pentalty Amt:**	
Viol Determined Dt:	19910911	**Final Monetary Amt:**	
Rtrn to Compl Dt:	19940620	**Paid Amount:**	
Rtrn to Compl Qual:	O	**Final Count:**	
Viol Resp Agency:	S	**Final Amount:**	
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE		
Violation Short Description:	Generators - General		
Respondent Name:			
SEP Type Description:			

Violation/Evaluation Details

Evaluation ID:	200	***Former Citation:***	
Found Violation:	Y	***Sched Compl Dt:***	
Eval Start Date:	19980225	***Enforcement ID:***	200
Evaluation Agency:	S	***Enforcement Agency:***	S
Evaluation Type:	CEI	***Enforce Action Dt:***	19990716
Eval Resp Person:		***Enforcement Type:***	310
Eval Suborg:		***Enforce Type Desc:***	FINAL 3008(A) COMPLIANCE ORDER
Citizen Complaint:	No	***Enforce Resp Person:***	
Multimedia Inspect:	No	***Enforce Suborg:***	
Sampling Flag:	No	***Enforce Actvty Loc:***	CA
Not Subtitle C:	No	***Docket No:***	
Focus Area:		***Attorney:***	
Focus Area Desc:		***Corr Act Component:***	No
Handler Actvty Loc:	CA	***Appeal Init Dt:***	
Handler Name:	QUICKSILVER PRODUCTS INC	***Appeal Resolved Dt:***	
Region:	09	***Disposition Status:***	
State:	CA	***Disp Status Dt:***	
Land Type:		***Disp Status Desc:***	
Date of Request:		***Lead Agency:***	
Date Response Rcvd:		***Expenditure Amount:***	
Request Agency:		***SEP Sched Comp Dt:***	
Request Actvty Loc:		***SEP Actual Comp Dt:***	
Viol Activity Loc:	CA	***SEP Defaulted Date:***	
Viol Determined:	S	***SEP Type:***	
Violation Type:	264.G	***Prop Pentalty Amt:***	
Viol Determined Dt:	19980225	***Final Monetary Amt:***	
Rtrn to Compl Dt:	19981231	***Paid Amount:***	
Rtrn to Compl Qual:	D	***Final Count:***	
Viol Resp Agency:	S	***Final Amount:***	

Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Violation Short Description: TSD - Closure/Post-Closure
Respondent Name:
SEP Type Description:

Violation/Evaluation Details

Evaluation ID:	008	***Former Citation:***	F - 262.30-34.C
Found Violation:	Y	***Sched Compl Dt:***	
Eval Start Date:	19951221	***Enforcement ID:***	013
Evaluation Agency:	S	***Enforcement Agency:***	S
Evaluation Type:	CEI	***Enforce Action Dt:***	19951221
Eval Resp Person:	R9STA	***Enforcement Type:***	120
Eval Suborg:		***Enforce Type Desc:***	WRITTEN INFORMAL
Citizen Complaint:	No	***Enforce Resp Person:***	R9STA
Multimedia Inspect:	No	***Enforce Suborg:***	
Sampling Flag:	No	***Enforce Actvty Loc:***	CA
Not Subtitle C:	No	***Docket No:***	
Focus Area:		***Attorney:***	
Focus Area Desc:		***Corr Act Component:***	No
Handler Actvty Loc:	CA	***Appeal Init Dt:***	
Handler Name:	QUICKSILVER PRODUCTS INC	***Appeal Resolved Dt:***	
Region:	09	***Disposition Status:***	
State:	CA	***Disp Status Dt:***	
Land Type:		***Disp Status Desc:***	
Date of Request:		***Lead Agency:***	
Date Response Rcvd:		***Expenditure Amount:***	
Request Agency:		***SEP Sched Comp Dt:***	
Request Actvty Loc:		***SEP Actual Comp Dt:***	
Viol Activity Loc:	CA	***SEP Defaulted Date:***	
Viol Determined:	S	***SEP Type:***	
Violation Type:	262.A	***Prop Pentalty Amt:***	
Viol Determined Dt:	19951221	***Final Monetary Amt:***	
Rtrn to Compl Dt:	19981231	***Paid Amount:***	
Rtrn to Compl Qual:	O	***Final Count:***	

Viol Resp Agency: S
Final Amount:
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Violation Short Description: Generators - General
Respondent Name:
SEP Type Description:

Violation/Evaluation Details

Evaluation ID: 010
Found Violation: N
Eval Start Date: 19980225
Evaluation Agency: S
Evaluation Type: CEI
Eval Resp Person: R9STA
Eval Suborg:
Citizen Complaint: No
Multimedia Inspect: No
Sampling Flag: No
Not Subtitle C: No
Focus Area:
Focus Area Desc:
Handler Actvty Loc: CA
Handler Name: QUICKSILVER PRODUCTS INC
Region: 09
State: CA
Land Type:
Date of Request:
Date Response Rcvd:
Request Agency:
Request Actvty Loc:
Viol Activity Loc:
Viol Determined:
Violation Type:
Viol Determined Dt:
Rtrn to Compl Dt:
Rtrn to Compl Qual:
Viol Resp Agency:
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Violation Short Description:
Respondent Name:
SEP Type Description:

Former Citation:
Sched Compl Dt:
Enforcement ID:
Enforcement Agency:
Enforce Action Dt:
Enforcement Type:
Enforce Type Desc:
Enforce Resp Person:
Enforce Suborg:
Enforce Actvty Loc:
Docket No:
Attorney:
Corr Act Component:
Appeal Init Dt:
Appeal Resolved Dt:
Disposition Status:
Disp Status Dt:
Disp Status Desc:
Lead Agency:
Expenditure Amount:
SEP Sched Comp Dt:
SEP Actual Comp Dt:
SEP Defaulted Date:
SEP Type:
Prop Pentalty Amt:
Final Monetary Amt:
Paid Amount:
Final Count:
Final Amount:

Violation/Evaluation Details

Evaluation ID: 005
Found Violation: Y
Eval Start Date: 19940620
Evaluation Agency: S
Evaluation Type: CEI
Eval Resp Person: R9STA
Eval Suborg:
Citizen Complaint: No
Multimedia Inspect: No
Sampling Flag: No
Not Subtitle C: No
Focus Area:
Focus Area Desc:
Handler Actvty Loc: CA
Handler Name: QUICKSILVER PRODUCTS INC
Region: 09
State: CA
Land Type:
Date of Request:
Date Response Rcvd:
Request Agency:
Request Actvty Loc:
Viol Activity Loc: CA

Former Citation: F - 264.70-77.E
Sched Compl Dt: 19941102
Enforcement ID: 007
Enforcement Agency: S
Enforce Action Dt: 19940620
Enforcement Type: 120
Enforce Type Desc: WRITTEN INFORMAL
Enforce Resp Person: R9STA
Enforce Suborg:
Enforce Actvty Loc: CA
Docket No:
Attorney:
Corr Act Component: No
Appeal Init Dt:
Appeal Resolved Dt:
Disposition Status:
Disp Status Dt:
Disp Status Desc:
Lead Agency:
Expenditure Amount:
SEP Sched Comp Dt:
SEP Actual Comp Dt:
SEP Defaulted Date:

Viol Determined:	S	***SEP Type:***	
Violation Type:	264.A	***Prop Pentalty Amt:***	
Viol Determined Dt:	19940620	***Final Monetary Amt:***	
Rtrn to Compl Dt:	19981231	***Paid Amount:***	
Rtrn to Compl Qual:	O	***Final Count:***	
Viol Resp Agency:	S	***Final Amount:***	
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE		
Violation Short Description:	TSD - General		
Respondent Name:			
SEP Type Description:			

Violation/Evaluation Details

Evaluation ID:	006	***Former Citation:***	F - 264.30-37.C
Found Violation:	Y	***Sched Compl Dt:***	19950211
Eval Start Date:	19940929	***Enforcement ID:***	010
Evaluation Agency:	S	***Enforcement Agency:***	S
Evaluation Type:	FUI	***Enforce Action Dt:***	19940929
Eval Resp Person:	R9STA	***Enforcement Type:***	120
Eval Suborg:		***Enforce Type Desc:***	WRITTEN INFORMAL
Citizen Complaint:	No	***Enforce Resp Person:***	R9STA
Multimedia Inspect:	No	***Enforce Suborg:***	
Sampling Flag:	No	***Enforce Actvty Loc:***	CA
Not Subtitle C:	No	***Docket No:***	
Focus Area:		***Attorney:***	
Focus Area Desc:		***Corr Act Component:***	No
Handler Actvty Loc:	CA	***Appeal Init Dt:***	
Handler Name:	QUICKSILVER PRODUCTS INC	***Appeal Resolved Dt:***	
Region:	09	***Disposition Status:***	
State:	CA	***Disp Status Dt:***	
Land Type:		***Disp Status Desc:***	
Date of Request:		***Lead Agency:***	
Date Response Rcvd:		***Expenditure Amount:***	
Request Agency:		***SEP Sched Comp Dt:***	
Request Actvty Loc:		***SEP Actual Comp Dt:***	
Viol Activity Loc:	CA	***SEP Defaulted Date:***	
Viol Determined:	S	***SEP Type:***	
Violation Type:	264.A	***Prop Pentalty Amt:***	
Viol Determined Dt:	19941028	***Final Monetary Amt:***	
Rtrn to Compl Dt:	19981231	***Paid Amount:***	
Rtrn to Compl Qual:	O	***Final Count:***	
Viol Resp Agency:	S	***Final Amount:***	
Evaluation Type Description:	FOLLOW-UP INSPECTION		
Violation Short Description:	TSD - General		
Respondent Name:			
SEP Type Description:			

Violation/Evaluation Details

Evaluation ID:	007	***Former Citation:***	F - 264.140-150.H
Found Violation:	Y	***Sched Compl Dt:***	19950908
Eval Start Date:	19950427	***Enforcement ID:***	011
Evaluation Agency:	S	***Enforcement Agency:***	S
Evaluation Type:	CEI	***Enforce Action Dt:***	19950501
Eval Resp Person:	R9STA	***Enforcement Type:***	120
Eval Suborg:		***Enforce Type Desc:***	WRITTEN INFORMAL
Citizen Complaint:	No	***Enforce Resp Person:***	R9STA
Multimedia Inspect:	No	***Enforce Suborg:***	
Sampling Flag:	No	***Enforce Actvty Loc:***	CA
Not Subtitle C:	No	***Docket No:***	
Focus Area:		***Attorney:***	
Focus Area Desc:		***Corr Act Component:***	No
Handler Actvty Loc:	CA	***Appeal Init Dt:***	
Handler Name:	QUICKSILVER PRODUCTS INC	***Appeal Resolved Dt:***	
Region:	09	***Disposition Status:***	
State:	CA	***Disp Status Dt:***	
Land Type:		***Disp Status Desc:***	

Date of Request: ***Lead Agency:***
Date Response Rcvd: ***Expenditure Amount:***
Request Agency: ***SEP Sched Comp Dt:***
Request Actvty Loc: ***SEP Actual Comp Dt:***
Viol Activity Loc: CA ***SEP Defaulted Date:***
Viol Determined: S ***SEP Type:***
Violation Type: 264.H ***Prop Pentalty Amt:***
Viol Determined Dt: 19950501 ***Final Monetary Amt:***
Rtrn to Compl Dt: 19961210 ***Paid Amount:***
Rtrn to Compl Qual: O ***Final Count:***
Viol Resp Agency: S ***Final Amount:***
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Violation Short Description: TSD - Financial Requirements
Respondent Name:
SEP Type Description:

Violation/Evaluation Details

Evaluation ID: 007 ***Former Citation:*** F - 270
Found Violation: Y ***Sched Compl Dt:*** 19950908
Eval Start Date: 19950427 ***Enforcement ID:*** 011
Evaluation Agency: S ***Enforcement Agency:*** S
Evaluation Type: CEI ***Enforce Action Dt:*** 19950501
Eval Resp Person: R9STA ***Enforcement Type:*** 120
Eval Suborg: ***Enforce Type Desc:*** WRITTEN INFORMAL
Citizen Complaint: No ***Enforce Resp Person:*** R9STA
Multimedia Inspect: No ***Enforce Suborg:***
Sampling Flag: No ***Enforce Actvty Loc:*** CA
Not Subtitle C: No ***Docket No:***
Focus Area: ***Attorney:***
Focus Area Desc: ***Corr Act Component:*** No
Handler Actvty Loc: CA ***Appeal Init Dt:***
Handler Name: QUICKSILVER PRODUCTS INC ***Appeal Resolved Dt:***
Region: 09 ***Disposition Status:***
State: CA ***Disp Status Dt:***
Land Type: ***Disp Status Desc:***
Date of Request: ***Lead Agency:***
Date Response Rcvd: ***Expenditure Amount:***
Request Agency: ***SEP Sched Comp Dt:***
Request Actvty Loc: ***SEP Actual Comp Dt:***
Viol Activity Loc: CA ***SEP Defaulted Date:***
Viol Determined: S ***SEP Type:***
Violation Type: 264.A ***Prop Pentalty Amt:***
Viol Determined Dt: 19950501 ***Final Monetary Amt:***
Rtrn to Compl Dt: 19981231 ***Paid Amount:***
Rtrn to Compl Qual: O ***Final Count:***
Viol Resp Agency: S ***Final Amount:***
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Violation Short Description: TSD - General
Respondent Name:
SEP Type Description:

Violation/Evaluation Details

Evaluation ID: 200 ***Former Citation:***
Found Violation: Y ***Sched Compl Dt:***
Eval Start Date: 19980225 ***Enforcement ID:*** 200
Evaluation Agency: S ***Enforcement Agency:*** S
Evaluation Type: CEI ***Enforce Action Dt:*** 19980427
Eval Resp Person: ***Enforcement Type:*** 120
Eval Suborg: ***Enforce Type Desc:*** WRITTEN INFORMAL
Citizen Complaint: No ***Enforce Resp Person:***
Multimedia Inspect: No ***Enforce Suborg:***
Sampling Flag: No ***Enforce Actvty Loc:*** CA
Not Subtitle C: No ***Docket No:***
Focus Area: ***Attorney:***
Focus Area Desc: ***Corr Act Component:*** No

Handler Actvty Loc:	CA	**Appeal Init Dt:**	
Handler Name:	QUICKSILVER PRODUCTS INC	**Appeal Resolved Dt:**	
Region:	09	**Disposition Status:**	
State:	CA	**Disp Status Dt:**	
Land Type:		**Disp Status Desc:**	
Date of Request:		**Lead Agency:**	
Date Response Rcvd:		**Expenditure Amount:**	
Request Agency:		**SEP Sched Comp Dt:**	
Request Actvty Loc:		**SEP Actual Comp Dt:**	
Viol Activity Loc:	CA	**SEP Defaulted Date:**	
Viol Determined:	S	**SEP Type:**	
Violation Type:	264.H	**Prop Pentalty Amt:**	
Viol Determined Dt:	19980225	**Final Monetary Amt:**	
Rtrn to Compl Dt:	19981231	**Paid Amount:**	
Rtrn to Compl Qual:	D	**Final Count:**	
Viol Resp Agency:	S	**Final Amount:**	
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE		
Violation Short Description:	TSD - Financial Requirements		
Respondent Name:			
SEP Type Description:			

Violation/Evaluation Details

Evaluation ID:	002	**Former Citation:**	FR - 264.70-77.E
Found Violation:	Y	**Sched Compl Dt:**	
Eval Start Date:	19910911	**Enforcement ID:**	004
Evaluation Agency:	S	**Enforcement Agency:**	S
Evaluation Type:	CEI	**Enforce Action Dt:**	19920513
Eval Resp Person:	R9STA	**Enforcement Type:**	310
Eval Suborg:		**Enforce Type Desc:**	FINAL 3008(A) COMPLIANCE ORDER
Citizen Complaint:	No	**Enforce Resp Person:**	R9STA
Multimedia Inspect:	No	**Enforce Suborg:**	
Sampling Flag:	No	**Enforce Actvty Loc:**	CA
Not Subtitle C:	No	**Docket No:**	
Focus Area:		**Attorney:**	
Focus Area Desc:		**Corr Act Component:**	No
Handler Actvty Loc:	CA	**Appeal Init Dt:**	
Handler Name:	QUICKSILVER PRODUCTS INC	**Appeal Resolved Dt:**	
Region:	09	**Disposition Status:**	
State:	CA	**Disp Status Dt:**	
Land Type:		**Disp Status Desc:**	
Date of Request:		**Lead Agency:**	
Date Response Rcvd:		**Expenditure Amount:**	
Request Agency:		**SEP Sched Comp Dt:**	
Request Actvty Loc:		**SEP Actual Comp Dt:**	
Viol Activity Loc:	CA	**SEP Defaulted Date:**	
Viol Determined:	S	**SEP Type:**	
Violation Type:	264.A	**Prop Pentalty Amt:**	
Viol Determined Dt:	19910911	**Final Monetary Amt:**	
Rtrn to Compl Dt:	19921221	**Paid Amount:**	
Rtrn to Compl Qual:	O	**Final Count:**	
Viol Resp Agency:	S	**Final Amount:**	
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE		
Violation Short Description:	TSD - General		
Respondent Name:			
SEP Type Description:			

Violation/Evaluation Details

Evaluation ID:	002	**Former Citation:**	FR - 262.50-60
Found Violation:	Y	**Sched Compl Dt:**	
Eval Start Date:	19910911	**Enforcement ID:**	002
Evaluation Agency:	S	**Enforcement Agency:**	S
Evaluation Type:	CEI	**Enforce Action Dt:**	19910930
Eval Resp Person:	R9STA	**Enforcement Type:**	210
Eval Suborg:		**Enforce Type Desc:**	INITIAL 3008(A) COMPLIANCE
Citizen Complaint:	No	**Enforce Resp Person:**	R9STA

Multimedia Inspect:	No	***Enforce Suborg:***	
Sampling Flag:	No	***Enforce Actvty Loc:***	CA
Not Subtitle C:	No	***Docket No:***	
Focus Area:		***Attorney:***	
Focus Area Desc:		***Corr Act Component:***	No
Handler Actvty Loc:	CA	***Appeal Init Dt:***	
Handler Name:	QUICKSILVER PRODUCTS INC	***Appeal Resolved Dt:***	
Region:	09	***Disposition Status:***	
State:	CA	***Disp Status Dt:***	
Land Type:		***Disp Status Desc:***	
Date of Request:		***Lead Agency:***	
Date Response Rcvd:		***Expenditure Amount:***	
Request Agency:		***SEP Sched Comp Dt:***	
Request Actvty Loc:		***SEP Actual Comp Dt:***	
Viol Activity Loc:	CA	***SEP Defaulted Date:***	
Viol Determined:	S	***SEP Type:***	
Violation Type:	262.A	***Prop Pentalty Amt:***	
Viol Determined Dt:	19910911	***Final Monetary Amt:***	
Rtrn to Compl Dt:	19940620	***Paid Amount:***	
Rtrn to Compl Qual:	O	***Final Count:***	
Viol Resp Agency:	S	***Final Amount:***	

Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Violation Short Description: Generators - General
Respondent Name:
SEP Type Description:

Violation/Evaluation Details

Evaluation ID:	003	***Former Citation:***	
Found Violation:	N	***Sched Compl Dt:***	
Eval Start Date:	19930505	***Enforcement ID:***	
Evaluation Agency:	S	***Enforcement Agency:***	
Evaluation Type:	FCI	***Enforce Action Dt:***	
Eval Resp Person:	R9STA	***Enforcement Type:***	
Eval Suborg:		***Enforce Type Desc:***	
Citizen Complaint:	Yes	***Enforce Resp Person:***	
Multimedia Inspect:	No	***Enforce Suborg:***	
Sampling Flag:	No	***Enforce Actvty Loc:***	
Not Subtitle C:	No	***Docket No:***	
Focus Area:	V3	***Attorney:***	
Focus Area Desc:	CONVERTED FROM V2 RCRAINFO	***Corr Act Component:***	
Handler Actvty Loc:	CA	***Appeal Init Dt:***	
Handler Name:	QUICKSILVER PRODUCTS INC	***Appeal Resolved Dt:***	
Region:	09	***Disposition Status:***	
State:	CA	***Disp Status Dt:***	
Land Type:		***Disp Status Desc:***	
Date of Request:		***Lead Agency:***	
Date Response Rcvd:		***Expenditure Amount:***	
Request Agency:		***SEP Sched Comp Dt:***	
Request Actvty Loc:		***SEP Actual Comp Dt:***	
Viol Activity Loc:		***SEP Defaulted Date:***	
Viol Determined:		***SEP Type:***	
Violation Type:		***Prop Pentalty Amt:***	
Viol Determined Dt:		***Final Monetary Amt:***	
Rtrn to Compl Dt:		***Paid Amount:***	
Rtrn to Compl Qual:		***Final Count:***	
Viol Resp Agency:		***Final Amount:***	

Evaluation Type Description: FOCUSED COMPLIANCE INSPECTION
Violation Short Description:
Respondent Name:
SEP Type Description:

Violation/Evaluation Details

Evaluation ID:	005	***Former Citation:***	F - 264.10-18.B
Found Violation:	Y	***Sched Compl Dt:***	19941102
Eval Start Date:	19940620	***Enforcement ID:***	007

Evaluation Agency:	S	**Enforcement Agency:**	S
Evaluation Type:	CEI	**Enforce Action Dt:**	19940620
Eval Resp Person:	R9STA	**Enforcement Type:**	120
Eval Suborg:		**Enforce Type Desc:**	WRITTEN INFORMAL
Citizen Complaint:	No	**Enforce Resp Person:**	R9STA
Multimedia Inspect:	No	**Enforce Suborg:**	
Sampling Flag:	No	**Enforce Actvty Loc:**	CA
Not Subtitle C:	No	**Docket No:**	
Focus Area:		**Attorney:**	
Focus Area Desc:		**Corr Act Component:**	No
Handler Actvty Loc:	CA	**Appeal Init Dt:**	
Handler Name:	QUICKSILVER PRODUCTS INC	**Appeal Resolved Dt:**	
Region:	09	**Disposition Status:**	
State:	CA	**Disp Status Dt:**	
Land Type:		**Disp Status Desc:**	
Date of Request:		**Lead Agency:**	
Date Response Rcvd:		**Expenditure Amount:**	
Request Agency:		**SEP Sched Comp Dt:**	
Request Actvty Loc:		**SEP Actual Comp Dt:**	
Viol Activity Loc:	CA	**SEP Defaulted Date:**	
Viol Determined:	S	**SEP Type:**	
Violation Type:	264.A	**Prop Pentalty Amt:**	
Viol Determined Dt:	19940620	**Final Monetary Amt:**	
Rtrn to Compl Dt:	19981231	**Paid Amount:**	
Rtrn to Compl Qual:	O	**Final Count:**	
Viol Resp Agency:	S	**Final Amount:**	

Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Violation Short Description: TSD - General
Respondent Name:
SEP Type Description:

Violation/Evaluation Details

Evaluation ID:	007	**Former Citation:**	F - 262.50-60
Found Violation:	Y	**Sched Compl Dt:**	19950908
Eval Start Date:	19950427	**Enforcement ID:**	011
Evaluation Agency:	S	**Enforcement Agency:**	S
Evaluation Type:	CEI	**Enforce Action Dt:**	19950501
Eval Resp Person:	R9STA	**Enforcement Type:**	120
Eval Suborg:		**Enforce Type Desc:**	WRITTEN INFORMAL
Citizen Complaint:	No	**Enforce Resp Person:**	R9STA
Multimedia Inspect:	No	**Enforce Suborg:**	
Sampling Flag:	No	**Enforce Actvty Loc:**	CA
Not Subtitle C:	No	**Docket No:**	
Focus Area:		**Attorney:**	
Focus Area Desc:		**Corr Act Component:**	No
Handler Actvty Loc:	CA	**Appeal Init Dt:**	
Handler Name:	QUICKSILVER PRODUCTS INC	**Appeal Resolved Dt:**	
Region:	09	**Disposition Status:**	
State:	CA	**Disp Status Dt:**	
Land Type:		**Disp Status Desc:**	
Date of Request:		**Lead Agency:**	
Date Response Rcvd:		**Expenditure Amount:**	
Request Agency:		**SEP Sched Comp Dt:**	
Request Actvty Loc:		**SEP Actual Comp Dt:**	
Viol Activity Loc:	CA	**SEP Defaulted Date:**	
Viol Determined:	S	**SEP Type:**	
Violation Type:	262.A	**Prop Pentalty Amt:**	
Viol Determined Dt:	19950501	**Final Monetary Amt:**	
Rtrn to Compl Dt:	19981231	**Paid Amount:**	
Rtrn to Compl Qual:	O	**Final Count:**	
Viol Resp Agency:	S	**Final Amount:**	

Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Violation Short Description: Generators - General
Respondent Name:
SEP Type Description:

Violation/Evaluation Details

Evaluation ID:	200	***Former Citation:***	
Found Violation:	Y	***Sched Compl Dt:***	
Eval Start Date:	19980225	***Enforcement ID:***	200
Evaluation Agency:	S	***Enforcement Agency:***	S
Evaluation Type:	CEI	***Enforce Action Dt:***	19990716
Eval Resp Person:		***Enforcement Type:***	310
Eval Suborg:		***Enforce Type Desc:***	FINAL 3008(A) COMPLIANCE ORDER
Citizen Complaint:	No	***Enforce Resp Person:***	
Multimedia Inspect:	No	***Enforce Suborg:***	
Sampling Flag:	No	***Enforce Actvty Loc:***	CA
Not Subtitle C:	No	***Docket No:***	
Focus Area:		***Attorney:***	
Focus Area Desc:		***Corr Act Component:***	No
Handler Actvty Loc:	CA	***Appeal Init Dt:***	
Handler Name:	QUICKSILVER PRODUCTS INC	***Appeal Resolved Dt:***	
Region:	09	***Disposition Status:***	
State:	CA	***Disp Status Dt:***	
Land Type:		***Disp Status Desc:***	
Date of Request:		***Lead Agency:***	
Date Response Rcvd:		***Expenditure Amount:***	
Request Agency:		***SEP Sched Comp Dt:***	
Request Actvty Loc:		***SEP Actual Comp Dt:***	
Viol Activity Loc:	CA	***SEP Defaulted Date:***	
Viol Determined:	S	***SEP Type:***	
Violation Type:	264.H	***Prop Pentalty Amt:***	
Viol Determined Dt:	19980225	***Final Monetary Amt:***	
Rtrn to Compl Dt:	19981231	***Paid Amount:***	
Rtrn to Compl Qual:	D	***Final Count:***	
Viol Resp Agency:	S	***Final Amount:***	

Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Violation Short Description: TSD - Financial Requirements
Respondent Name:
SEP Type Description:

Violation/Evaluation Details

Evaluation ID:	001	***Former Citation:***	FR - 262.50-60
Found Violation:	Y	***Sched Compl Dt:***	
Eval Start Date:	19890717	***Enforcement ID:***	002
Evaluation Agency:	S	***Enforcement Agency:***	S
Evaluation Type:	CEI	***Enforce Action Dt:***	19910930
Eval Resp Person:	R9STA	***Enforcement Type:***	210
Eval Suborg:		***Enforce Type Desc:***	INITIAL 3008(A) COMPLIANCE
Citizen Complaint:	No	***Enforce Resp Person:***	R9STA
Multimedia Inspect:	No	***Enforce Suborg:***	
Sampling Flag:	No	***Enforce Actvty Loc:***	CA
Not Subtitle C:	No	***Docket No:***	
Focus Area:		***Attorney:***	
Focus Area Desc:		***Corr Act Component:***	No
Handler Actvty Loc:	CA	***Appeal Init Dt:***	
Handler Name:	QUICKSILVER PRODUCTS INC	***Appeal Resolved Dt:***	
Region:	09	***Disposition Status:***	
State:	CA	***Disp Status Dt:***	
Land Type:		***Disp Status Desc:***	
Date of Request:		***Lead Agency:***	
Date Response Rcvd:		***Expenditure Amount:***	
Request Agency:		***SEP Sched Comp Dt:***	
Request Actvty Loc:		***SEP Actual Comp Dt:***	
Viol Activity Loc:	CA	***SEP Defaulted Date:***	
Viol Determined:	S	***SEP Type:***	
Violation Type:	262.A	***Prop Pentalty Amt:***	
Viol Determined Dt:	19890717	***Final Monetary Amt:***	
Rtrn to Compl Dt:	19890724	***Paid Amount:***	
Rtrn to Compl Qual:	O	***Final Count:***	
Viol Resp Agency:	S	***Final Amount:***	

Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Violation Short Description: Generators - General
Respondent Name:
SEP Type Description:

Violation/Evaluation Details

Evaluation ID:	002	**Former Citation:**	FR - 262.50-60
Found Violation:	Y	**Sched Compl Dt:**	
Eval Start Date:	19910911	**Enforcement ID:**	
Evaluation Agency:	S	**Enforcement Agency:**	
Evaluation Type:	CEI	**Enforce Action Dt:**	
Eval Resp Person:	R9STA	**Enforcement Type:**	
Eval Suborg:		**Enforce Type Desc:**	
Citizen Complaint:	No	**Enforce Resp Person:**	
Multimedia Inspect:	No	**Enforce Suborg:**	
Sampling Flag:	No	**Enforce Actvty Loc:**	
Not Subtitle C:	No	**Docket No:**	
Focus Area:		**Attorney:**	
Focus Area Desc:		**Corr Act Component:**	
Handler Actvty Loc:	CA	**Appeal Init Dt:**	
Handler Name:	QUICKSILVER PRODUCTS INC	**Appeal Resolved Dt:**	
Region:	09	**Disposition Status:**	
State:	CA	**Disp Status Dt:**	
Land Type:		**Disp Status Desc:**	
Date of Request:		**Lead Agency:**	
Date Response Rcvd:		**Expenditure Amount:**	
Request Agency:		**SEP Sched Comp Dt:**	
Request Actvty Loc:		**SEP Actual Comp Dt:**	
Viol Activity Loc:	CA	**SEP Defaulted Date:**	
Viol Determined:	S	**SEP Type:**	
Violation Type:	262.A	**Prop Pentalty Amt:**	
Viol Determined Dt:	19910911	**Final Monetary Amt:**	
Rtrn to Compl Dt:	19940620	**Paid Amount:**	
Rtrn to Compl Qual:	O	**Final Count:**	
Viol Resp Agency:	S	**Final Amount:**	

Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Violation Short Description: Generators - General
Respondent Name:
SEP Type Description:

Violation/Evaluation Details

Evaluation ID:	002	**Former Citation:**	FR - 264.70-77.E
Found Violation:	Y	**Sched Compl Dt:**	
Eval Start Date:	19910911	**Enforcement ID:**	002
Evaluation Agency:	S	**Enforcement Agency:**	S
Evaluation Type:	CEI	**Enforce Action Dt:**	19910930
Eval Resp Person:	R9STA	**Enforcement Type:**	210
Eval Suborg:		**Enforce Type Desc:**	INITIAL 3008(A) COMPLIANCE
Citizen Complaint:	No	**Enforce Resp Person:**	R9STA
Multimedia Inspect:	No	**Enforce Suborg:**	
Sampling Flag:	No	**Enforce Actvty Loc:**	CA
Not Subtitle C:	No	**Docket No:**	
Focus Area:		**Attorney:**	
Focus Area Desc:		**Corr Act Component:**	No
Handler Actvty Loc:	CA	**Appeal Init Dt:**	
Handler Name:	QUICKSILVER PRODUCTS INC	**Appeal Resolved Dt:**	
Region:	09	**Disposition Status:**	
State:	CA	**Disp Status Dt:**	
Land Type:		**Disp Status Desc:**	
Date of Request:		**Lead Agency:**	
Date Response Rcvd:		**Expenditure Amount:**	
Request Agency:		**SEP Sched Comp Dt:**	
Request Actvty Loc:		**SEP Actual Comp Dt:**	
Viol Activity Loc:	CA	**SEP Defaulted Date:**	
Viol Determined:	S	**SEP Type:**	

Violation Type:	264.A	**Prop Pentalty Amt:**	
Viol Determined Dt:	19910911	**Final Monetary Amt:**	
Rtrn to Compl Dt:	19921221	**Paid Amount:**	
Rtrn to Compl Qual:	O	**Final Count:**	
Viol Resp Agency:	S	**Final Amount:**	
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE		
Violation Short Description:	TSD - General		
Respondent Name:			
SEP Type Description:			

Violation/Evaluation Details

Evaluation ID:	005	**Former Citation:**	F - 262.30-34.C
Found Violation:	Y	**Sched Compl Dt:**	19941102
Eval Start Date:	19940620	**Enforcement ID:**	007
Evaluation Agency:	S	**Enforcement Agency:**	S
Evaluation Type:	CEI	**Enforce Action Dt:**	19940620
Eval Resp Person:	R9STA	**Enforcement Type:**	120
Eval Suborg:		**Enforce Type Desc:**	WRITTEN INFORMAL
Citizen Complaint:	No	**Enforce Resp Person:**	R9STA
Multimedia Inspect:	No	**Enforce Suborg:**	
Sampling Flag:	No	**Enforce Actvty Loc:**	CA
Not Subtitle C:	No	**Docket No:**	
Focus Area:		**Attorney:**	
Focus Area Desc:		**Corr Act Component:**	No
Handler Actvty Loc:	CA	**Appeal Init Dt:**	
Handler Name:	QUICKSILVER PRODUCTS INC	**Appeal Resolved Dt:**	
Region:	09	**Disposition Status:**	
State:	CA	**Disp Status Dt:**	
Land Type:		**Disp Status Desc:**	
Date of Request:		**Lead Agency:**	
Date Response Rcvd:		**Expenditure Amount:**	
Request Agency:		**SEP Sched Comp Dt:**	
Request Actvty Loc:		**SEP Actual Comp Dt:**	
Viol Activity Loc:	CA	**SEP Defaulted Date:**	
Viol Determined:	S	**SEP Type:**	
Violation Type:	262.A	**Prop Pentalty Amt:**	
Viol Determined Dt:	19940620	**Final Monetary Amt:**	
Rtrn to Compl Dt:	19981231	**Paid Amount:**	
Rtrn to Compl Qual:	O	**Final Count:**	
Viol Resp Agency:	S	**Final Amount:**	
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE		
Violation Short Description:	Generators - General		
Respondent Name:			
SEP Type Description:			

Violation/Evaluation Details

Evaluation ID:	007	**Former Citation:**	F - 264.70-77.E
Found Violation:	Y	**Sched Compl Dt:**	19950908
Eval Start Date:	19950427	**Enforcement ID:**	011
Evaluation Agency:	S	**Enforcement Agency:**	S
Evaluation Type:	CEI	**Enforce Action Dt:**	19950501
Eval Resp Person:	R9STA	**Enforcement Type:**	120
Eval Suborg:		**Enforce Type Desc:**	WRITTEN INFORMAL
Citizen Complaint:	No	**Enforce Resp Person:**	R9STA
Multimedia Inspect:	No	**Enforce Suborg:**	
Sampling Flag:	No	**Enforce Actvty Loc:**	CA
Not Subtitle C:	No	**Docket No:**	
Focus Area:		**Attorney:**	
Focus Area Desc:		**Corr Act Component:**	No
Handler Actvty Loc:	CA	**Appeal Init Dt:**	
Handler Name:	QUICKSILVER PRODUCTS INC	**Appeal Resolved Dt:**	
Region:	09	**Disposition Status:**	
State:	CA	**Disp Status Dt:**	
Land Type:		**Disp Status Desc:**	
Date of Request:		**Lead Agency:**	

Date Response Rcvd:		**Expenditure Amount:**	
Request Agency:		**SEP Sched Comp Dt:**	
Request Actvty Loc:		**SEP Actual Comp Dt:**	
Viol Activity Loc:	CA	**SEP Defaulted Date:**	
Viol Determined:	S	**SEP Type:**	
Violation Type:	264.A	**Prop Pentalty Amt:**	
Viol Determined Dt:	19950501	**Final Monetary Amt:**	
Rtrn to Compl Dt:	19981231	**Paid Amount:**	
Rtrn to Compl Qual:	O	**Final Count:**	
Viol Resp Agency:	S	**Final Amount:**	
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE		
Violation Short Description:	TSD - General		
Respondent Name:			
SEP Type Description:			

Violation/Evaluation Details

Evaluation ID:	002	**Former Citation:**	FR - 264.170-177.I
Found Violation:	Y	**Sched Compl Dt:**	
Eval Start Date:	19910911	**Enforcement ID:**	004
Evaluation Agency:	S	**Enforcement Agency:**	S
Evaluation Type:	CEI	**Enforce Action Dt:**	19920513
Eval Resp Person:	R9STA	**Enforcement Type:**	310
Eval Suborg:		**Enforce Type Desc:**	FINAL 3008(A) COMPLIANCE ORDER
Citizen Complaint:	No	**Enforce Resp Person:**	R9STA
Multimedia Inspect:	No	**Enforce Suborg:**	
Sampling Flag:	No	**Enforce Actvty Loc:**	CA
Not Subtitle C:	No	**Docket No:**	
Focus Area:		**Attorney:**	
Focus Area Desc:		**Corr Act Component:**	No
Handler Actvty Loc:	CA	**Appeal Init Dt:**	
Handler Name:	QUICKSILVER PRODUCTS INC	**Appeal Resolved Dt:**	
Region:	09	**Disposition Status:**	
State:	CA	**Disp Status Dt:**	
Land Type:		**Disp Status Desc:**	
Date of Request:		**Lead Agency:**	
Date Response Rcvd:		**Expenditure Amount:**	
Request Agency:		**SEP Sched Comp Dt:**	
Request Actvty Loc:		**SEP Actual Comp Dt:**	
Viol Activity Loc:	CA	**SEP Defaulted Date:**	
Viol Determined:	S	**SEP Type:**	
Violation Type:	264.A	**Prop Pentalty Amt:**	
Viol Determined Dt:	19910911	**Final Monetary Amt:**	
Rtrn to Compl Dt:	19921221	**Paid Amount:**	
Rtrn to Compl Qual:	O	**Final Count:**	
Viol Resp Agency:	S	**Final Amount:**	
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE		
Violation Short Description:	TSD - General		
Respondent Name:			
SEP Type Description:			

Violation/Evaluation Details

Evaluation ID:	002	**Former Citation:**	FR - 264.170-177.I
Found Violation:	Y	**Sched Compl Dt:**	
Eval Start Date:	19910911	**Enforcement ID:**	002
Evaluation Agency:	S	**Enforcement Agency:**	S
Evaluation Type:	CEI	**Enforce Action Dt:**	19910930
Eval Resp Person:	R9STA	**Enforcement Type:**	210
Eval Suborg:		**Enforce Type Desc:**	INITIAL 3008(A) COMPLIANCE
Citizen Complaint:	No	**Enforce Resp Person:**	R9STA
Multimedia Inspect:	No	**Enforce Suborg:**	
Sampling Flag:	No	**Enforce Actvty Loc:**	CA
Not Subtitle C:	No	**Docket No:**	
Focus Area:		**Attorney:**	
Focus Area Desc:		**Corr Act Component:**	No
Handler Actvty Loc:	CA	**Appeal Init Dt:**	

Handler Name:	QUICKSILVER PRODUCTS INC	**Appeal Resolved Dt:**	
Region:	09	**Disposition Status:**	
State:	CA	**Disp Status Dt:**	
Land Type:		**Disp Status Desc:**	
Date of Request:		**Lead Agency:**	
Date Response Rcvd:		**Expenditure Amount:**	
Request Agency:		**SEP Sched Comp Dt:**	
Request Actvty Loc:		**SEP Actual Comp Dt:**	
Viol Activity Loc:	CA	**SEP Defaulted Date:**	
Viol Determined:	S	**SEP Type:**	
Violation Type:	264.A	**Prop Pentalty Amt:**	
Viol Determined Dt:	19910911	**Final Monetary Amt:**	
Rtrn to Compl Dt:	19921221	**Paid Amount:**	
Rtrn to Compl Qual:	O	**Final Count:**	
Viol Resp Agency:	S	**Final Amount:**	
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE		
Violation Short Description:	TSD - General		
Respondent Name:			
SEP Type Description:			

Violation/Evaluation Details

Evaluation ID:	004	**Former Citation:**	FR - 262.50-60
Found Violation:	Y	**Sched Compl Dt:**	
Eval Start Date:	19930625	**Enforcement ID:**	009
Evaluation Agency:	S	**Enforcement Agency:**	S
Evaluation Type:	CEI	**Enforce Action Dt:**	19940819
Eval Resp Person:	R9STA	**Enforcement Type:**	120
Eval Suborg:		**Enforce Type Desc:**	WRITTEN INFORMAL
Citizen Complaint:	No	**Enforce Resp Person:**	R9STA
Multimedia Inspect:	No	**Enforce Suborg:**	
Sampling Flag:	No	**Enforce Actvty Loc:**	CA
Not Subtitle C:	No	**Docket No:**	
Focus Area:		**Attorney:**	
Focus Area Desc:		**Corr Act Component:**	No
Handler Actvty Loc:	CA	**Appeal Init Dt:**	
Handler Name:	QUICKSILVER PRODUCTS INC	**Appeal Resolved Dt:**	
Region:	09	**Disposition Status:**	
State:	CA	**Disp Status Dt:**	
Land Type:		**Disp Status Desc:**	
Date of Request:		**Lead Agency:**	
Date Response Rcvd:		**Expenditure Amount:**	
Request Agency:		**SEP Sched Comp Dt:**	
Request Actvty Loc:		**SEP Actual Comp Dt:**	
Viol Activity Loc:	CA	**SEP Defaulted Date:**	
Viol Determined:	S	**SEP Type:**	
Violation Type:	262.A	**Prop Pentalty Amt:**	
Viol Determined Dt:	19930625	**Final Monetary Amt:**	
Rtrn to Compl Dt:	19940620	**Paid Amount:**	
Rtrn to Compl Qual:	O	**Final Count:**	
Viol Resp Agency:	S	**Final Amount:**	
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE		
Violation Short Description:	Generators - General		
Respondent Name:			
SEP Type Description:			

Violation/Evaluation Details

Evaluation ID:	004	**Former Citation:**	F - 264.70-77.E
Found Violation:	Y	**Sched Compl Dt:**	
Eval Start Date:	19930625	**Enforcement ID:**	009
Evaluation Agency:	S	**Enforcement Agency:**	S
Evaluation Type:	CEI	**Enforce Action Dt:**	19940819
Eval Resp Person:	R9STA	**Enforcement Type:**	120
Eval Suborg:		**Enforce Type Desc:**	WRITTEN INFORMAL
Citizen Complaint:	No	**Enforce Resp Person:**	R9STA
Multimedia Inspect:	No	**Enforce Suborg:**	

Sampling Flag:	No	**Enforce Actvty Loc:**	CA
Not Subtitle C:	No	**Docket No:**	
Focus Area:		**Attorney:**	
Focus Area Desc:		**Corr Act Component:**	No
Handler Actvty Loc:	CA	**Appeal Init Dt:**	
Handler Name:	QUICKSILVER PRODUCTS INC	**Appeal Resolved Dt:**	
Region:	09	**Disposition Status:**	
State:	CA	**Disp Status Dt:**	
Land Type:		**Disp Status Desc:**	
Date of Request:		**Lead Agency:**	
Date Response Rcvd:		**Expenditure Amount:**	
Request Agency:		**SEP Sched Comp Dt:**	
Request Actvty Loc:		**SEP Actual Comp Dt:**	
Viol Activity Loc:	CA	**SEP Defaulted Date:**	
Viol Determined:	S	**SEP Type:**	
Violation Type:	264.A	**Prop Pentalty Amt:**	
Viol Determined Dt:	19930625	**Final Monetary Amt:**	
Rtrn to Compl Dt:	19981231	**Paid Amount:**	
Rtrn to Compl Qual:	O	**Final Count:**	
Viol Resp Agency:	S	**Final Amount:**	
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE		
Violation Short Description:	TSD - General		
Respondent Name:			
SEP Type Description:			

Violation/Evaluation Details

Evaluation ID:	005	**Former Citation:**	F - 264.30-37.C
Found Violation:	Y	**Sched Compl Dt:**	19941102
Eval Start Date:	19940620	**Enforcement ID:**	007
Evaluation Agency:	S	**Enforcement Agency:**	S
Evaluation Type:	CEI	**Enforce Action Dt:**	19940620
Eval Resp Person:	R9STA	**Enforcement Type:**	120
Eval Suborg:		**Enforce Type Desc:**	WRITTEN INFORMAL
Citizen Complaint:	No	**Enforce Resp Person:**	R9STA
Multimedia Inspect:	No	**Enforce Suborg:**	
Sampling Flag:	No	**Enforce Actvty Loc:**	CA
Not Subtitle C:	No	**Docket No:**	
Focus Area:		**Attorney:**	
Focus Area Desc:		**Corr Act Component:**	No
Handler Actvty Loc:	CA	**Appeal Init Dt:**	
Handler Name:	QUICKSILVER PRODUCTS INC	**Appeal Resolved Dt:**	
Region:	09	**Disposition Status:**	
State:	CA	**Disp Status Dt:**	
Land Type:		**Disp Status Desc:**	
Date of Request:		**Lead Agency:**	
Date Response Rcvd:		**Expenditure Amount:**	
Request Agency:		**SEP Sched Comp Dt:**	
Request Actvty Loc:		**SEP Actual Comp Dt:**	
Viol Activity Loc:	CA	**SEP Defaulted Date:**	
Viol Determined:	S	**SEP Type:**	
Violation Type:	264.A	**Prop Pentalty Amt:**	
Viol Determined Dt:	19940620	**Final Monetary Amt:**	
Rtrn to Compl Dt:	19981231	**Paid Amount:**	
Rtrn to Compl Qual:	O	**Final Count:**	
Viol Resp Agency:	S	**Final Amount:**	
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE		
Violation Short Description:	TSD - General		
Respondent Name:			
SEP Type Description:			

Violation/Evaluation Details

Evaluation ID:	006	**Former Citation:**	F - 270
Found Violation:	Y	**Sched Compl Dt:**	19950211
Eval Start Date:	19940929	**Enforcement ID:**	010
Evaluation Agency:	S	**Enforcement Agency:**	S

Evaluation Type:	FUI	***Enforce Action Dt:***	19940929
Eval Resp Person:	R9STA	***Enforcement Type:***	120
Eval Suborg:		***Enforce Type Desc:***	WRITTEN INFORMAL
Citizen Complaint:	No	***Enforce Resp Person:***	R9STA
Multimedia Inspect:	No	***Enforce Suborg:***	
Sampling Flag:	No	***Enforce Actvty Loc:***	CA
Not Subtitle C:	No	***Docket No:***	
Focus Area:		***Attorney:***	
Focus Area Desc:		***Corr Act Component:***	No
Handler Actvty Loc:	CA	***Appeal Init Dt:***	
Handler Name:	QUICKSILVER PRODUCTS INC	***Appeal Resolved Dt:***	
Region:	09	***Disposition Status:***	
State:	CA	***Disp Status Dt:***	
Land Type:		***Disp Status Desc:***	
Date of Request:		***Lead Agency:***	
Date Response Rcvd:		***Expenditure Amount:***	
Request Agency:		***SEP Sched Comp Dt:***	
Request Actvty Loc:		***SEP Actual Comp Dt:***	
Viol Activity Loc:	CA	***SEP Defaulted Date:***	
Viol Determined:	S	***SEP Type:***	
Violation Type:	264.A	***Prop Pentalty Amt:***	
Viol Determined Dt:	19940929	***Final Monetary Amt:***	
Rtrn to Compl Dt:	19981231	***Paid Amount:***	
Rtrn to Compl Qual:	O	***Final Count:***	
Viol Resp Agency:	S	***Final Amount:***	
Evaluation Type Description:	FOLLOW-UP INSPECTION		
Violation Short Description:	TSD - General		
Respondent Name:			
SEP Type Description:			

Violation/Evaluation Details

Evaluation ID:	008	***Former Citation:***	F - 270
Found Violation:	Y	***Sched Compl Dt:***	
Eval Start Date:	19951221	***Enforcement ID:***	013
Evaluation Agency:	S	***Enforcement Agency:***	S
Evaluation Type:	CEI	***Enforce Action Dt:***	19951221
Eval Resp Person:	R9STA	***Enforcement Type:***	120
Eval Suborg:		***Enforce Type Desc:***	WRITTEN INFORMAL
Citizen Complaint:	No	***Enforce Resp Person:***	R9STA
Multimedia Inspect:	No	***Enforce Suborg:***	
Sampling Flag:	No	***Enforce Actvty Loc:***	CA
Not Subtitle C:	No	***Docket No:***	
Focus Area:		***Attorney:***	
Focus Area Desc:		***Corr Act Component:***	No
Handler Actvty Loc:	CA	***Appeal Init Dt:***	
Handler Name:	QUICKSILVER PRODUCTS INC	***Appeal Resolved Dt:***	
Region:	09	***Disposition Status:***	
State:	CA	***Disp Status Dt:***	
Land Type:		***Disp Status Desc:***	
Date of Request:		***Lead Agency:***	
Date Response Rcvd:		***Expenditure Amount:***	
Request Agency:		***SEP Sched Comp Dt:***	
Request Actvty Loc:		***SEP Actual Comp Dt:***	
Viol Activity Loc:	CA	***SEP Defaulted Date:***	
Viol Determined:	S	***SEP Type:***	
Violation Type:	264.A	***Prop Pentalty Amt:***	
Viol Determined Dt:	19960119	***Final Monetary Amt:***	
Rtrn to Compl Dt:	19981231	***Paid Amount:***	
Rtrn to Compl Qual:	O	***Final Count:***	
Viol Resp Agency:	S	***Final Amount:***	
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE		
Violation Short Description:	TSD - General		
Respondent Name:			
SEP Type Description:			

Violation/Evaluation Details

Evaluation ID:	008	**Former Citation:**	F - 264.10-18.B
Found Violation:	Y	**Sched Compl Dt:**	
Eval Start Date:	19951221	**Enforcement ID:**	013
Evaluation Agency:	S	**Enforcement Agency:**	S
Evaluation Type:	CEI	**Enforce Action Dt:**	19951221
Eval Resp Person:	R9STA	**Enforcement Type:**	120
Eval Suborg:		**Enforce Type Desc:**	WRITTEN INFORMAL
Citizen Complaint:	No	**Enforce Resp Person:**	R9STA
Multimedia Inspect:	No	**Enforce Suborg:**	
Sampling Flag:	No	**Enforce Actvty Loc:**	CA
Not Subtitle C:	No	**Docket No:**	
Focus Area:		**Attorney:**	
Focus Area Desc:		**Corr Act Component:**	No
Handler Actvty Loc:	CA	**Appeal Init Dt:**	
Handler Name:	QUICKSILVER PRODUCTS INC	**Appeal Resolved Dt:**	
Region:	09	**Disposition Status:**	
State:	CA	**Disp Status Dt:**	
Land Type:		**Disp Status Desc:**	
Date of Request:		**Lead Agency:**	
Date Response Rcvd:		**Expenditure Amount:**	
Request Agency:		**SEP Sched Comp Dt:**	
Request Actvty Loc:		**SEP Actual Comp Dt:**	
Viol Activity Loc:	CA	**SEP Defaulted Date:**	
Viol Determined:	S	**SEP Type:**	
Violation Type:	264.A	**Prop Pentalty Amt:**	
Viol Determined Dt:	19951221	**Final Monetary Amt:**	
Rtrn to Compl Dt:	19981231	**Paid Amount:**	
Rtrn to Compl Qual:	O	**Final Count:**	
Viol Resp Agency:	S	**Final Amount:**	
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE		
Violation Short Description:	TSD - General		
Respondent Name:			
SEP Type Description:			

Violation/Evaluation Details

Evaluation ID:	004	**Former Citation:**	F - 262.30-34.C
Found Violation:	Y	**Sched Compl Dt:**	
Eval Start Date:	19930625	**Enforcement ID:**	009
Evaluation Agency:	S	**Enforcement Agency:**	S
Evaluation Type:	CEI	**Enforce Action Dt:**	19940819
Eval Resp Person:	R9STA	**Enforcement Type:**	120
Eval Suborg:		**Enforce Type Desc:**	WRITTEN INFORMAL
Citizen Complaint:	No	**Enforce Resp Person:**	R9STA
Multimedia Inspect:	No	**Enforce Suborg:**	
Sampling Flag:	No	**Enforce Actvty Loc:**	CA
Not Subtitle C:	No	**Docket No:**	
Focus Area:		**Attorney:**	
Focus Area Desc:		**Corr Act Component:**	No
Handler Actvty Loc:	CA	**Appeal Init Dt:**	
Handler Name:	QUICKSILVER PRODUCTS INC	**Appeal Resolved Dt:**	
Region:	09	**Disposition Status:**	
State:	CA	**Disp Status Dt:**	
Land Type:		**Disp Status Desc:**	
Date of Request:		**Lead Agency:**	
Date Response Rcvd:		**Expenditure Amount:**	
Request Agency:		**SEP Sched Comp Dt:**	
Request Actvty Loc:		**SEP Actual Comp Dt:**	
Viol Activity Loc:	CA	**SEP Defaulted Date:**	
Viol Determined:	S	**SEP Type:**	
Violation Type:	262.A	**Prop Pentalty Amt:**	
Viol Determined Dt:	19930625	**Final Monetary Amt:**	
Rtrn to Compl Dt:	19981231	**Paid Amount:**	
Rtrn to Compl Qual:	O	**Final Count:**	
Viol Resp Agency:	S	**Final Amount:**	
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE		
Violation Short Description:	Generators - General		

Respondent Name:
SEP Type Description:

Violation/Evaluation Details

Evaluation ID:	005	***Former Citation:***	F - FEA
Found Violation:	Y	***Sched Compl Dt:***	19941102
Eval Start Date:	19940620	***Enforcement ID:***	008
Evaluation Agency:	S	***Enforcement Agency:***	S
Evaluation Type:	CEI	***Enforce Action Dt:***	19940811
Eval Resp Person:	R9STA	***Enforcement Type:***	120
Eval Suborg:		***Enforce Type Desc:***	WRITTEN INFORMAL
Citizen Complaint:	No	***Enforce Resp Person:***	R9STA
Multimedia Inspect:	No	***Enforce Suborg:***	
Sampling Flag:	No	***Enforce Actvty Loc:***	CA
Not Subtitle C:	No	***Docket No:***	
Focus Area:		***Attorney:***	
Focus Area Desc:		***Corr Act Component:***	No
Handler Actvty Loc:	CA	***Appeal Init Dt:***	
Handler Name:	QUICKSILVER PRODUCTS INC	***Appeal Resolved Dt:***	
Region:	09	***Disposition Status:***	
State:	CA	***Disp Status Dt:***	
Land Type:		***Disp Status Desc:***	
Date of Request:		***Lead Agency:***	
Date Response Rcvd:		***Expenditure Amount:***	
Request Agency:		***SEP Sched Comp Dt:***	
Request Actvty Loc:		***SEP Actual Comp Dt:***	
Viol Activity Loc:	CA	***SEP Defaulted Date:***	
Viol Determined:	S	***SEP Type:***	
Violation Type:	FEA	***Prop Pentalty Amt:***	
Viol Determined Dt:	19940811	***Final Monetary Amt:***	
Rtrn to Compl Dt:	19981231	***Paid Amount:***	
Rtrn to Compl Qual:	O	***Final Count:***	
Viol Resp Agency:	S	***Final Amount:***	

Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Violation Short Description: Formal Enforcement Agreement or Order
Respondent Name:
SEP Type Description:

Violation/Evaluation Details

Evaluation ID:	005	***Former Citation:***	F - 264.170-177.I
Found Violation:	Y	***Sched Compl Dt:***	19941102
Eval Start Date:	19940620	***Enforcement ID:***	008
Evaluation Agency:	S	***Enforcement Agency:***	S
Evaluation Type:	CEI	***Enforce Action Dt:***	19940811
Eval Resp Person:	R9STA	***Enforcement Type:***	120
Eval Suborg:		***Enforce Type Desc:***	WRITTEN INFORMAL
Citizen Complaint:	No	***Enforce Resp Person:***	R9STA
Multimedia Inspect:	No	***Enforce Suborg:***	
Sampling Flag:	No	***Enforce Actvty Loc:***	CA
Not Subtitle C:	No	***Docket No:***	
Focus Area:		***Attorney:***	
Focus Area Desc:		***Corr Act Component:***	No
Handler Actvty Loc:	CA	***Appeal Init Dt:***	
Handler Name:	QUICKSILVER PRODUCTS INC	***Appeal Resolved Dt:***	
Region:	09	***Disposition Status:***	
State:	CA	***Disp Status Dt:***	
Land Type:		***Disp Status Desc:***	
Date of Request:		***Lead Agency:***	
Date Response Rcvd:		***Expenditure Amount:***	
Request Agency:		***SEP Sched Comp Dt:***	
Request Actvty Loc:		***SEP Actual Comp Dt:***	
Viol Activity Loc:	CA	***SEP Defaulted Date:***	
Viol Determined:	S	***SEP Type:***	
Violation Type:	264.A	***Prop Pentalty Amt:***	
Viol Determined Dt:	19940811	***Final Monetary Amt:***	

Rtrn to Compl Dt: 19981231
Rtrn to Compl Qual: O
Viol Resp Agency: S
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Violation Short Description: TSD - General
Respondent Name:
SEP Type Description:
Paid Amount:
Final Count:
Final Amount:

Violation/Evaluation Details

Evaluation ID: 007
Found Violation: Y
Eval Start Date: 19950427
Evaluation Agency: S
Evaluation Type: CEI
Eval Resp Person: R9STA
Eval Suborg:
Citizen Complaint: No
Multimedia Inspect: No
Sampling Flag: No
Not Subtitle C: No
Focus Area:
Focus Area Desc:
Handler Actvty Loc: CA
Handler Name: QUICKSILVER PRODUCTS INC
Region: 09
State: CA
Land Type:
Date of Request:
Date Response Rcvd:
Request Agency:
Request Actvty Loc:
Viol Activity Loc: CA
Viol Determined: S
Violation Type: 264.A
Viol Determined Dt: 19950427
Rtrn to Compl Dt: 19950427
Rtrn to Compl Qual: O
Viol Resp Agency: S
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Violation Short Description: TSD - General
Respondent Name:
SEP Type Description:
Former Citation: FR - 264.170-177.I
Sched Compl Dt: 19950908
Enforcement ID: 011
Enforcement Agency: S
Enforce Action Dt: 19950501
Enforcement Type: 120
Enforce Type Desc: WRITTEN INFORMAL
Enforce Resp Person: R9STA
Enforce Suborg:
Enforce Actvty Loc: CA
Docket No:
Attorney:
Corr Act Component: No
Appeal Init Dt:
Appeal Resolved Dt:
Disposition Status:
Disp Status Dt:
Disp Status Desc:
Lead Agency:
Expenditure Amount:
SEP Sched Comp Dt:
SEP Actual Comp Dt:
SEP Defaulted Date:
SEP Type:
Prop Pentalty Amt:
Final Monetary Amt:
Paid Amount:
Final Count:
Final Amount:

Violation/Evaluation Details

Evaluation ID: 200
Found Violation: Y
Eval Start Date: 19980225
Evaluation Agency: S
Evaluation Type: CEI
Eval Resp Person:
Eval Suborg:
Citizen Complaint: No
Multimedia Inspect: No
Sampling Flag: No
Not Subtitle C: No
Focus Area:
Focus Area Desc:
Handler Actvty Loc: CA
Handler Name: QUICKSILVER PRODUCTS INC
Region: 09
State: CA
Land Type:
Date of Request:
Date Response Rcvd:
Request Agency:
Former Citation:
Sched Compl Dt:
Enforcement ID: 200
Enforcement Agency: S
Enforce Action Dt: 19980427
Enforcement Type: 120
Enforce Type Desc: WRITTEN INFORMAL
Enforce Resp Person:
Enforce Suborg:
Enforce Actvty Loc: CA
Docket No:
Attorney:
Corr Act Component: No
Appeal Init Dt:
Appeal Resolved Dt:
Disposition Status:
Disp Status Dt:
Disp Status Desc:
Lead Agency:
Expenditure Amount:
SEP Sched Comp Dt:

Request Actvty Loc:		***SEP Actual Comp Dt:***	
Viol Activity Loc:	CA	***SEP Defaulted Date:***	
Viol Determined:	S	***SEP Type:***	
Violation Type:	264.G	***Prop Pentalty Amt:***	
Viol Determined Dt:	19980225	***Final Monetary Amt:***	
Rtrn to Compl Dt:	19981231	***Paid Amount:***	
Rtrn to Compl Qual:	D	***Final Count:***	
Viol Resp Agency:	S	***Final Amount:***	
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE		
Violation Short Description:	TSD - Closure/Post-Closure		
Respondent Name:			
SEP Type Description:			

Violation/Evaluation Details

Evaluation ID:	002	***Former Citation:***	FR - 264.30-37.C
Found Violation:	Y	***Sched Compl Dt:***	
Eval Start Date:	19910911	***Enforcement ID:***	002
Evaluation Agency:	S	***Enforcement Agency:***	S
Evaluation Type:	CEI	***Enforce Action Dt:***	19910930
Eval Resp Person:	R9STA	***Enforcement Type:***	210
Eval Suborg:		***Enforce Type Desc:***	INITIAL 3008(A) COMPLIANCE
Citizen Complaint:	No	***Enforce Resp Person:***	R9STA
Multimedia Inspect:	No	***Enforce Suborg:***	
Sampling Flag:	No	***Enforce Actvty Loc:***	CA
Not Subtitle C:	No	***Docket No:***	
Focus Area:		***Attorney:***	
Focus Area Desc:		***Corr Act Component:***	No
Handler Actvty Loc:	CA	***Appeal Init Dt:***	
Handler Name:	QUICKSILVER PRODUCTS INC	***Appeal Resolved Dt:***	
Region:	09	***Disposition Status:***	
State:	CA	***Disp Status Dt:***	
Land Type:		***Disp Status Desc:***	
Date of Request:		***Lead Agency:***	
Date Response Rcvd:		***Expenditure Amount:***	
Request Agency:		***SEP Sched Comp Dt:***	
Request Actvty Loc:		***SEP Actual Comp Dt:***	
Viol Activity Loc:	CA	***SEP Defaulted Date:***	
Viol Determined:	S	***SEP Type:***	
Violation Type:	264.A	***Prop Pentalty Amt:***	
Viol Determined Dt:	19910911	***Final Monetary Amt:***	
Rtrn to Compl Dt:	19921221	***Paid Amount:***	
Rtrn to Compl Qual:	O	***Final Count:***	
Viol Resp Agency:	S	***Final Amount:***	
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE		
Violation Short Description:	TSD - General		
Respondent Name:			
SEP Type Description:			

Violation/Evaluation Details

Evaluation ID:	006	***Former Citation:***	F - FEA
Found Violation:	Y	***Sched Compl Dt:***	19950211
Eval Start Date:	19940929	***Enforcement ID:***	010
Evaluation Agency:	S	***Enforcement Agency:***	S
Evaluation Type:	FUI	***Enforce Action Dt:***	19940929
Eval Resp Person:	R9STA	***Enforcement Type:***	120
Eval Suborg:		***Enforce Type Desc:***	WRITTEN INFORMAL
Citizen Complaint:	No	***Enforce Resp Person:***	R9STA
Multimedia Inspect:	No	***Enforce Suborg:***	
Sampling Flag:	No	***Enforce Actvty Loc:***	CA
Not Subtitle C:	No	***Docket No:***	
Focus Area:		***Attorney:***	
Focus Area Desc:		***Corr Act Component:***	No
Handler Actvty Loc:	CA	***Appeal Init Dt:***	
Handler Name:	QUICKSILVER PRODUCTS INC	***Appeal Resolved Dt:***	
Region:	09	***Disposition Status:***	

State:	CA	**Disp Status Dt:**	
Land Type:		**Disp Status Desc:**	
Date of Request:		**Lead Agency:**	
Date Response Rcvd:		**Expenditure Amount:**	
Request Agency:		**SEP Sched Comp Dt:**	
Request Actvty Loc:		**SEP Actual Comp Dt:**	
Viol Activity Loc:	CA	**SEP Defaulted Date:**	
Viol Determined:	S	**SEP Type:**	
Violation Type:	FEA	**Prop Pentalty Amt:**	
Viol Determined Dt:	19941028	**Final Monetary Amt:**	
Rtrn to Compl Dt:	19981231	**Paid Amount:**	
Rtrn to Compl Qual:	O	**Final Count:**	
Viol Resp Agency:	S	**Final Amount:**	

Evaluation Type Description: FOLLOW-UP INSPECTION
Violation Short Description: Formal Enforcement Agreement or Order
Respondent Name:
SEP Type Description:

Violation/Evaluation Details

Evaluation ID:	007	**Former Citation:**	F - 264.10-18.B
Found Violation:	Y	**Sched Compl Dt:**	19950908
Eval Start Date:	19950427	**Enforcement ID:**	011
Evaluation Agency:	S	**Enforcement Agency:**	S
Evaluation Type:	CEI	**Enforce Action Dt:**	19950501
Eval Resp Person:	R9STA	**Enforcement Type:**	120
Eval Suborg:		**Enforce Type Desc:**	WRITTEN INFORMAL
Citizen Complaint:	No	**Enforce Resp Person:**	R9STA
Multimedia Inspect:	No	**Enforce Suborg:**	
Sampling Flag:	No	**Enforce Actvty Loc:**	CA
Not Subtitle C:	No	**Docket No:**	
Focus Area:		**Attorney:**	
Focus Area Desc:		**Corr Act Component:**	No
Handler Actvty Loc:	CA	**Appeal Init Dt:**	
Handler Name:	QUICKSILVER PRODUCTS INC	**Appeal Resolved Dt:**	
Region:	09	**Disposition Status:**	
State:	CA	**Disp Status Dt:**	
Land Type:		**Disp Status Desc:**	
Date of Request:		**Lead Agency:**	
Date Response Rcvd:		**Expenditure Amount:**	
Request Agency:		**SEP Sched Comp Dt:**	
Request Actvty Loc:		**SEP Actual Comp Dt:**	
Viol Activity Loc:	CA	**SEP Defaulted Date:**	
Viol Determined:	S	**SEP Type:**	
Violation Type:	264.A	**Prop Pentalty Amt:**	
Viol Determined Dt:	19950501	**Final Monetary Amt:**	
Rtrn to Compl Dt:	19981231	**Paid Amount:**	
Rtrn to Compl Qual:	O	**Final Count:**	
Viol Resp Agency:	S	**Final Amount:**	

Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Violation Short Description: TSD - General
Respondent Name:
SEP Type Description:

Violation/Evaluation Details

Evaluation ID:	008	**Former Citation:**	F - 264.30-37.C
Found Violation:	Y	**Sched Compl Dt:**	
Eval Start Date:	19951221	**Enforcement ID:**	013
Evaluation Agency:	S	**Enforcement Agency:**	S
Evaluation Type:	CEI	**Enforce Action Dt:**	19951221
Eval Resp Person:	R9STA	**Enforcement Type:**	120
Eval Suborg:		**Enforce Type Desc:**	WRITTEN INFORMAL
Citizen Complaint:	No	**Enforce Resp Person:**	R9STA
Multimedia Inspect:	No	**Enforce Suborg:**	
Sampling Flag:	No	**Enforce Actvty Loc:**	CA
Not Subtitle C:	No	**Docket No:**	

Focus Area:		**Attorney:**	
Focus Area Desc:		**Corr Act Component:**	No
Handler Actvty Loc:	CA	**Appeal Init Dt:**	
Handler Name:	QUICKSILVER PRODUCTS INC	**Appeal Resolved Dt:**	
Region:	09	**Disposition Status:**	
State:	CA	**Disp Status Dt:**	
Land Type:		**Disp Status Desc:**	
Date of Request:		**Lead Agency:**	
Date Response Rcvd:		**Expenditure Amount:**	
Request Agency:		**SEP Sched Comp Dt:**	
Request Actvty Loc:		**SEP Actual Comp Dt:**	
Viol Activity Loc:	CA	**SEP Defaulted Date:**	
Viol Determined:	S	**SEP Type:**	
Violation Type:	264.A	**Prop Pentalty Amt:**	
Viol Determined Dt:	19951221	**Final Monetary Amt:**	
Rtrn to Compl Dt:	19981231	**Paid Amount:**	
Rtrn to Compl Qual:	O	**Final Count:**	
Viol Resp Agency:	S	**Final Amount:**	
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE		
Violation Short Description:	TSD - General		
Respondent Name:			
SEP Type Description:			

Violation/Evaluation Details

Evaluation ID:	001	**Former Citation:**	FR - 262.50-60
Found Violation:	Y	**Sched Compl Dt:**	
Eval Start Date:	19890717	**Enforcement ID:**	003
Evaluation Agency:	S	**Enforcement Agency:**	S
Evaluation Type:	CEI	**Enforce Action Dt:**	19910930
Eval Resp Person:	R9STA	**Enforcement Type:**	310
Eval Suborg:		**Enforce Type Desc:**	FINAL 3008(A) COMPLIANCE ORDER
Citizen Complaint:	No	**Enforce Resp Person:**	R9STA
Multimedia Inspect:	No	**Enforce Suborg:**	
Sampling Flag:	No	**Enforce Actvty Loc:**	CA
Not Subtitle C:	No	**Docket No:**	
Focus Area:		**Attorney:**	
Focus Area Desc:		**Corr Act Component:**	No
Handler Actvty Loc:	CA	**Appeal Init Dt:**	
Handler Name:	QUICKSILVER PRODUCTS INC	**Appeal Resolved Dt:**	
Region:	09	**Disposition Status:**	
State:	CA	**Disp Status Dt:**	
Land Type:		**Disp Status Desc:**	
Date of Request:		**Lead Agency:**	
Date Response Rcvd:		**Expenditure Amount:**	
Request Agency:		**SEP Sched Comp Dt:**	
Request Actvty Loc:		**SEP Actual Comp Dt:**	
Viol Activity Loc:	CA	**SEP Defaulted Date:**	
Viol Determined:	S	**SEP Type:**	
Violation Type:	262.A	**Prop Pentalty Amt:**	
Viol Determined Dt:	19890717	**Final Monetary Amt:**	
Rtrn to Compl Dt:	19890724	**Paid Amount:**	
Rtrn to Compl Qual:	O	**Final Count:**	
Viol Resp Agency:	S	**Final Amount:**	
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE		
Violation Short Description:	Generators - General		
Respondent Name:			
SEP Type Description:			

Violation/Evaluation Details

Evaluation ID:	002	**Former Citation:**	FR - 264.30-37.C
Found Violation:	Y	**Sched Compl Dt:**	
Eval Start Date:	19910911	**Enforcement ID:**	004
Evaluation Agency:	S	**Enforcement Agency:**	S
Evaluation Type:	CEI	**Enforce Action Dt:**	19920513
Eval Resp Person:	R9STA	**Enforcement Type:**	310

Eval Suborg:		**Enforce Type Desc:**	FINAL 3008(A) COMPLIANCE ORDER
Citizen Complaint:	No	**Enforce Resp Person:**	R9STA
Multimedia Inspect:	No	**Enforce Suborg:**	
Sampling Flag:	No	**Enforce Actvty Loc:**	CA
Not Subtitle C:	No	**Docket No:**	
Focus Area:		**Attorney:**	
Focus Area Desc:		**Corr Act Component:**	No
Handler Actvty Loc:	CA	**Appeal Init Dt:**	
Handler Name:	QUICKSILVER PRODUCTS INC	**Appeal Resolved Dt:**	
Region:	09	**Disposition Status:**	
State:	CA	**Disp Status Dt:**	
Land Type:		**Disp Status Desc:**	
Date of Request:		**Lead Agency:**	
Date Response Rcvd:		**Expenditure Amount:**	
Request Agency:		**SEP Sched Comp Dt:**	
Request Actvty Loc:		**SEP Actual Comp Dt:**	
Viol Activity Loc:	CA	**SEP Defaulted Date:**	
Viol Determined:	S	**SEP Type:**	
Violation Type:	264.A	**Prop Pentalty Amt:**	
Viol Determined Dt:	19910911	**Final Monetary Amt:**	
Rtrn to Compl Dt:	19921221	**Paid Amount:**	
Rtrn to Compl Qual:	O	**Final Count:**	
Viol Resp Agency:	S	**Final Amount:**	
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE		
Violation Short Description:	TSD - General		
Respondent Name:			
SEP Type Description:			

Violation/Evaluation Details

Evaluation ID:	002	**Former Citation:**	FR - 262.50-60
Found Violation:	Y	**Sched Compl Dt:**	
Eval Start Date:	19910911	**Enforcement ID:**	004
Evaluation Agency:	S	**Enforcement Agency:**	S
Evaluation Type:	CEI	**Enforce Action Dt:**	19920513
Eval Resp Person:	R9STA	**Enforcement Type:**	310
Eval Suborg:		**Enforce Type Desc:**	FINAL 3008(A) COMPLIANCE ORDER
Citizen Complaint:	No	**Enforce Resp Person:**	R9STA
Multimedia Inspect:	No	**Enforce Suborg:**	
Sampling Flag:	No	**Enforce Actvty Loc:**	CA
Not Subtitle C:	No	**Docket No:**	
Focus Area:		**Attorney:**	
Focus Area Desc:		**Corr Act Component:**	No
Handler Actvty Loc:	CA	**Appeal Init Dt:**	
Handler Name:	QUICKSILVER PRODUCTS INC	**Appeal Resolved Dt:**	
Region:	09	**Disposition Status:**	
State:	CA	**Disp Status Dt:**	
Land Type:		**Disp Status Desc:**	
Date of Request:		**Lead Agency:**	
Date Response Rcvd:		**Expenditure Amount:**	
Request Agency:		**SEP Sched Comp Dt:**	
Request Actvty Loc:		**SEP Actual Comp Dt:**	
Viol Activity Loc:	CA	**SEP Defaulted Date:**	
Viol Determined:	S	**SEP Type:**	
Violation Type:	262.A	**Prop Pentalty Amt:**	
Viol Determined Dt:	19910911	**Final Monetary Amt:**	
Rtrn to Compl Dt:	19940620	**Paid Amount:**	
Rtrn to Compl Qual:	O	**Final Count:**	
Viol Resp Agency:	S	**Final Amount:**	
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE		
Violation Short Description:	Generators - General		
Respondent Name:			
SEP Type Description:			

Violation/Evaluation Details

Evaluation ID:	002	**Former Citation:**	FR - 262.50-60

Found Violation:	Y	**Sched Compl Dt:**	
Eval Start Date:	19910911	**Enforcement ID:**	014
Evaluation Agency:	S	**Enforcement Agency:**	S
Evaluation Type:	CEI	**Enforce Action Dt:**	19960509
Eval Resp Person:	R9STA	**Enforcement Type:**	310
Eval Suborg:		**Enforce Type Desc:**	FINAL 3008(A) COMPLIANCE ORDER
Citizen Complaint:	No	**Enforce Resp Person:**	R9STA
Multimedia Inspect:	No	**Enforce Suborg:**	
Sampling Flag:	No	**Enforce Actvty Loc:**	CA
Not Subtitle C:	No	**Docket No:**	
Focus Area:		**Attorney:**	
Focus Area Desc:		**Corr Act Component:**	No
Handler Actvty Loc:	CA	**Appeal Init Dt:**	
Handler Name:	QUICKSILVER PRODUCTS INC	**Appeal Resolved Dt:**	
Region:	09	**Disposition Status:**	
State:	CA	**Disp Status Dt:**	
Land Type:		**Disp Status Desc:**	
Date of Request:		**Lead Agency:**	
Date Response Rcvd:		**Expenditure Amount:**	
Request Agency:		**SEP Sched Comp Dt:**	
Request Actvty Loc:		**SEP Actual Comp Dt:**	
Viol Activity Loc:	CA	**SEP Defaulted Date:**	
Viol Determined:	S	**SEP Type:**	
Violation Type:	262.A	**Prop Pentalty Amt:**	
Viol Determined Dt:	19910911	**Final Monetary Amt:**	
Rtrn to Compl Dt:	19940620	**Paid Amount:**	
Rtrn to Compl Qual:	O	**Final Count:**	
Viol Resp Agency:	S	**Final Amount:**	

Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Violation Short Description: Generators - General
Respondent Name:
SEP Type Description:

Violation/Evaluation Details

Evaluation ID:	007	**Former Citation:**	F - 264.30-37.C
Found Violation:	Y	**Sched Compl Dt:**	19950908
Eval Start Date:	19950427	**Enforcement ID:**	011
Evaluation Agency:	S	**Enforcement Agency:**	S
Evaluation Type:	CEI	**Enforce Action Dt:**	19950501
Eval Resp Person:	R9STA	**Enforcement Type:**	120
Eval Suborg:		**Enforce Type Desc:**	WRITTEN INFORMAL
Citizen Complaint:	No	**Enforce Resp Person:**	R9STA
Multimedia Inspect:	No	**Enforce Suborg:**	
Sampling Flag:	No	**Enforce Actvty Loc:**	CA
Not Subtitle C:	No	**Docket No:**	
Focus Area:		**Attorney:**	
Focus Area Desc:		**Corr Act Component:**	No
Handler Actvty Loc:	CA	**Appeal Init Dt:**	
Handler Name:	QUICKSILVER PRODUCTS INC	**Appeal Resolved Dt:**	
Region:	09	**Disposition Status:**	
State:	CA	**Disp Status Dt:**	
Land Type:		**Disp Status Desc:**	
Date of Request:		**Lead Agency:**	
Date Response Rcvd:		**Expenditure Amount:**	
Request Agency:		**SEP Sched Comp Dt:**	
Request Actvty Loc:		**SEP Actual Comp Dt:**	
Viol Activity Loc:	CA	**SEP Defaulted Date:**	
Viol Determined:	S	**SEP Type:**	
Violation Type:	264.A	**Prop Pentalty Amt:**	
Viol Determined Dt:	19950526	**Final Monetary Amt:**	
Rtrn to Compl Dt:	19981231	**Paid Amount:**	
Rtrn to Compl Qual:	O	**Final Count:**	
Viol Resp Agency:	S	**Final Amount:**	

Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Violation Short Description: TSD - General
Respondent Name:
SEP Type Description:

Event

Event Responsible Agency: S
Corrective Action Event Owner: HQ
Corrective Action Event Code: CA100
Corrective Action Event Desc: INVESTIGATION IMPOSITION
Orig Schedule Date of Event:
New Schedule Date of Event:
Actual Date of Event: 19911126
Best Date: 19911126
Responsible Person Owner:
Responsible Person:
Suborganization Owner:
Suborganization:

Event Responsible Agency: S
Corrective Action Event Owner: HQ
Corrective Action Event Code: CA100
Corrective Action Event Desc: INVESTIGATION IMPOSITION
Orig Schedule Date of Event:
New Schedule Date of Event:
Actual Date of Event: 19981105
Best Date: 19981105
Responsible Person Owner:
Responsible Person:
Suborganization Owner:
Suborganization:

Event Responsible Agency: S
Corrective Action Event Owner: HQ
Corrective Action Event Code: CA190
Corrective Action Event Desc: INVESTIGATION REPORT RECEIVED
Orig Schedule Date of Event:
New Schedule Date of Event:
Actual Date of Event: 19980810
Best Date: 19980810
Responsible Person Owner:
Responsible Person:
Suborganization Owner:
Suborganization:

Event Responsible Agency: S
Corrective Action Event Owner: HQ
Corrective Action Event Code: CA400
Corrective Action Event Desc: REMEDY DECISION
Orig Schedule Date of Event:
New Schedule Date of Event:
Actual Date of Event: 19981130
Best Date: 19981130
Responsible Person Owner:
Responsible Person:
Suborganization Owner:
Suborganization:

Event Responsible Agency: S
Corrective Action Event Owner: HQ
Corrective Action Event Code: CA400
Corrective Action Event Desc: REMEDY DECISION
Orig Schedule Date of Event: 19981130
New Schedule Date of Event:
Actual Date of Event: 19981130
Best Date: 19981130
Responsible Person Owner:
Responsible Person:
Suborganization Owner:
Suborganization:

Event Responsible Agency: E
Corrective Action Event Owner: 09
Corrective Action Event Code: CA029ST
Corrective Action Event Desc: LEAD AGENCY DETERMINATION
Orig Schedule Date of Event:
New Schedule Date of Event:
Actual Date of Event: 19900101
Best Date: 19900101
Responsible Person Owner: 09
Responsible Person: R9EPA
Suborganization Owner:
Suborganization:

Event Responsible Agency: S
Corrective Action Event Owner: HQ
Corrective Action Event Code: CA100
Corrective Action Event Desc: INVESTIGATION IMPOSITION
Orig Schedule Date of Event:
New Schedule Date of Event:
Actual Date of Event: 19920821
Best Date: 19920821
Responsible Person Owner:
Responsible Person:
Suborganization Owner:
Suborganization:

Event Responsible Agency: S
Corrective Action Event Owner: HQ
Corrective Action Event Code: CA190
Corrective Action Event Desc: INVESTIGATION REPORT RECEIVED
Orig Schedule Date of Event:
New Schedule Date of Event:
Actual Date of Event: 19920717
Best Date: 19920717
Responsible Person Owner:
Responsible Person:
Suborganization Owner:
Suborganization:

Event Responsible Agency: S
Corrective Action Event Owner: HQ
Corrective Action Event Code: CA550RC
Corrective Action Event Desc: REMEDY CONSTRUCTION-REMEDY CONSTRUCTED
Orig Schedule Date of Event:
New Schedule Date of Event:
Actual Date of Event: 19981231
Best Date: 19981231
Responsible Person Owner:
Responsible Person:
Suborganization Owner:
Suborganization:

Event Responsible Agency: E
Corrective Action Event Owner: HQ
Corrective Action Event Code: CA725YE
Corrective Action Event Desc: HUMAN EXPOSURES CONTROLLED DETERMINATION-YES, APPLICABLE AS OF THIS DATE
Orig Schedule Date of Event:
New Schedule Date of Event:
Actual Date of Event: 20100518
Best Date: 20100518
Responsible Person Owner: 09
Responsible Person: CLIU
Suborganization Owner:
Suborganization:

Event Responsible Agency: S
Corrective Action Event Owner: HQ
Corrective Action Event Code: CA050
Corrective Action Event Desc: RFA COMPLETED

Orig Schedule Date of Event: 20000430
New Schedule Date of Event:
Actual Date of Event: 20000430
Best Date: 20000430
Responsible Person Owner:
Responsible Person:
Suborganization Owner:
Suborganization:

Event Responsible Agency: S
Corrective Action Event Owner: HQ
Corrective Action Event Code: CA260
Corrective Action Event Desc: CMS WORKPLAN RECEIVED
Orig Schedule Date of Event:
New Schedule Date of Event:
Actual Date of Event: 19920820
Best Date: 19920820
Responsible Person Owner:
Responsible Person:
Suborganization Owner:
Suborganization:

Event Responsible Agency: E
Corrective Action Event Owner: HQ
Corrective Action Event Code: CA075LO
Corrective Action Event Desc: CA PRIORITIZATION-LOW CA PRIORITY
Orig Schedule Date of Event:
New Schedule Date of Event:
Actual Date of Event: 19970630
Best Date: 19970630
Responsible Person Owner: 09
Responsible Person: R9EPA
Suborganization Owner:
Suborganization:

Event Responsible Agency: S
Corrective Action Event Owner: HQ
Corrective Action Event Code: CA550RC
Corrective Action Event Desc: REMEDY CONSTRUCTION-REMEDY CONSTRUCTED
Orig Schedule Date of Event: 19981231
New Schedule Date of Event:
Actual Date of Event: 19981231
Best Date: 19981231
Responsible Person Owner:
Responsible Person:
Suborganization Owner:
Suborganization:

Event Responsible Agency: S
Corrective Action Event Owner: HQ
Corrective Action Event Code: CA725YE
Corrective Action Event Desc: HUMAN EXPOSURES CONTROLLED DETERMINATION-YES, APPLICABLE AS OF THIS DATE
Orig Schedule Date of Event: 20100518
New Schedule Date of Event:
Actual Date of Event: 20100518
Best Date: 20100518
Responsible Person Owner:
Responsible Person:
Suborganization Owner:
Suborganization:

Event Responsible Agency: S
Corrective Action Event Owner: HQ
Corrective Action Event Code: CA750YE
Corrective Action Event Desc: RELEASE TO GW CONTROLLED DETERMINATION-YES, APPLICABLE AS OF THIS DATE
Orig Schedule Date of Event: 20120125
New Schedule Date of Event:
Actual Date of Event: 20120125
Best Date: 20120125

Responsible Person Owner:
Responsible Person:
Suborganization Owner:
Suborganization:

Event Responsible Agency: S
Corrective Action Event Owner: HQ
Corrective Action Event Code: CA100
Corrective Action Event Desc: INVESTIGATION IMPOSITION
Orig Schedule Date of Event:
New Schedule Date of Event:
Actual Date of Event: 19980810
Best Date: 19980810
Responsible Person Owner:
Responsible Person:
Suborganization Owner:
Suborganization:

Event Responsible Agency: S
Corrective Action Event Owner: HQ
Corrective Action Event Code: CA380
Corrective Action Event Desc: DATE FOR PUBLIC NOTICE ON PROPOSED REMEDY
Orig Schedule Date of Event:
New Schedule Date of Event:
Actual Date of Event: 19981106
Best Date: 19981106
Responsible Person Owner:
Responsible Person:
Suborganization Owner:
Suborganization:

Event Responsible Agency: S
Corrective Action Event Owner: HQ
Corrective Action Event Code: CA225YE
Corrective Action Event Desc: STABILIZATION MEASURES EVALUATION-FACILITY IS AMENABLE TO STABILIZATION
Orig Schedule Date of Event:
New Schedule Date of Event:
Actual Date of Event: 19930209
Best Date: 19930209
Responsible Person Owner:
Responsible Person:
Suborganization Owner:
Suborganization:

Event Responsible Agency: S
Corrective Action Event Owner: HQ
Corrective Action Event Code: CA550RC
Corrective Action Event Desc: REMEDY CONSTRUCTION-REMEDY CONSTRUCTED
Orig Schedule Date of Event: 20120315
New Schedule Date of Event:
Actual Date of Event: 20120315
Best Date: 20120315
Responsible Person Owner:
Responsible Person:
Suborganization Owner:
Suborganization:

Event Responsible Agency: S
Corrective Action Event Owner: HQ
Corrective Action Event Code: CA999
Corrective Action Event Desc: CA PROCESS IS TERMINATED
Orig Schedule Date of Event:
New Schedule Date of Event:
Actual Date of Event: 19990203
Best Date: 19990203
Responsible Person Owner:
Responsible Person:
Suborganization Owner:
Suborganization:

Handler Details

Source Type:	N	***Used Oil Transporter:***	No
Receive Date:	19970307	***UT Transfer Fac:***	No
Non Notifier:		***Used Oil Processor:***	No
Acknowledge Flag:		***Used Oil Refiner:***	No
Acknowledge Date:	19910331	***Used Oil Burner:***	No
Accessibility:		***UO Market Burner:***	No
Land Type:	O	***UO Spec Marketer:***	No
Fed Waste Gen Own:	HQ	***Current Site Name:***	QUICKSILVER PRODUCTS INC
Fed Waste Gen Cd:	1	***Location Street No:***	
Fed Waste Gen Desc:	Large Quantity Generator	***Location Street 1:***	200 VALLEY DR STE 1
ST Waste Gen Own:		***Location Street 2:***	
State Waste Gen Cd:		***Location City:***	BRISBANE
Short Term Gen:	No	***Location State:***	CA
Importer Activity:	No	***Location Zip Code:***	94005
Mixed Waste Gen:	No	***County Code:***	CA081
Transporter:	Yes	***State District:***	2
Transfer Facility:	No	***Mailing Street No:***	
TSD Activity:	No	***Mailing Street 1:***	200 VALLEY DR STE 1
Recycler Activity:	No	***Mailing Street 2:***	
Onsite Burn Exempt:	No	***Mailing City:***	BRISBANE
Furnace Exemption:	No	***Mailing State:***	CA
Underground Inject:	No	***Mailing Zip Code:***	94005
Off Site Receipt:	Yes	***Mailing Country:***	US
Waste Dest Fac:	No	***Contact First Name:***	RITCHEY
Subpart K College:		***Contact Middle Initial:***	
Subpart K Hospital:		***Contact Last Name:***	VAUGHN
Subpart K Non Profit:		***Contact Street No:***	
Subpart K Withdraw:		***Contact Street 1:***	200 VALLEY DR STE 1
Include Ntnl Rprt:		***Contact Street 2:***	
Reporting Cycle:		***Contact City:***	BRISBANE
LQHUW:	No	***Contact State:***	CA
Trader Importer:		***Contact Zip:***	94005
Trader Exporter:		***Contact Country:***	US
Slab Importer:		***Contact Phone:***	415-468-2000
Slab Exporter:		***Contact Phone Ext:***	
Current Record:	No	***Contact Fax:***	
Location Country:	US	***Contact Email Addr:***	
State District Owner:	CA	***Contact Title:***	

Handler Details

Source Type:	R	***Used Oil Transporter:***	No
Receive Date:	19940530	***UT Transfer Fac:***	No
Non Notifier:		***Used Oil Processor:***	No
Acknowledge Flag:		***Used Oil Refiner:***	No
Acknowledge Date:		***Used Oil Burner:***	No
Accessibility:		***UO Market Burner:***	No
Land Type:		***UO Spec Marketer:***	No
Fed Waste Gen Own:	HQ	***Current Site Name:***	QUICKSILVER RECYCLING INC
Fed Waste Gen Cd:	1	***Location Street No:***	
Fed Waste Gen Desc:	Large Quantity Generator	***Location Street 1:***	200 VALLEY RD
ST Waste Gen Own:		***Location Street 2:***	
State Waste Gen Cd:		***Location City:***	BRISBANE
Short Term Gen:	No	***Location State:***	CA
Importer Activity:	No	***Location Zip Code:***	94005-0000
Mixed Waste Gen:	No	***County Code:***	CA081
Transporter:	No	***State District:***	
Transfer Facility:	No	***Mailing Street No:***	
TSD Activity:	Yes	***Mailing Street 1:***	200 VALLEY RD
Recycler Activity:	No	***Mailing Street 2:***	
Onsite Burn Exempt:	No	***Mailing City:***	BRISBANE
Furnace Exemption:	No	***Mailing State:***	CA
Underground Inject:	No	***Mailing Zip Code:***	94005-0000
Off Site Receipt:	No	***Mailing Country:***	US

Waste Dest Fac:	No	**Contact First Name:**	JERRY
Subpart K College:		**Contact Middle Initial:**	
Subpart K Hospital:		**Contact Last Name:**	SONDREE
Subpart K Non Profit:		**Contact Street No:**	
Subpart K Withdraw:		**Contact Street 1:**	
Include Ntnl Rprt:	U	**Contact Street 2:**	
Reporting Cycle:	1993	**Contact City:**	
LQHUW:	No	**Contact State:**	
Trader Importer:		**Contact Zip:**	
Trader Exporter:		**Contact Country:**	US
Slab Importer:		**Contact Phone:**	415-468-2000
Slab Exporter:		**Contact Phone Ext:**	
Current Record:	No	**Contact Fax:**	
Location Country:	US	**Contact Email Addr:**	
State District Owner:		**Contact Title:**	

Handler Details

Source Type:	I	**Used Oil Transporter:**	No
Receive Date:	19960901	**UT Transfer Fac:**	No
Non Notifier:		**Used Oil Processor:**	No
Acknowledge Flag:		**Used Oil Refiner:**	No
Acknowledge Date:	19910331	**Used Oil Burner:**	No
Accessibility:		**UO Market Burner:**	No
Land Type:		**UO Spec Marketer:**	No
Fed Waste Gen Own:	HQ	**Current Site Name:**	QUICKSILVER PRODUCTS INC
Fed Waste Gen Cd:	2	**Location Street No:**	
Fed Waste Gen Desc:	Small Quantity Generator	**Location Street 1:**	200 VALLEY DR STE 1
ST Waste Gen Own:		**Location Street 2:**	
State Waste Gen Cd:		**Location City:**	BRISBANE
Short Term Gen:	No	**Location State:**	CA
Importer Activity:	No	**Location Zip Code:**	94005
Mixed Waste Gen:	No	**County Code:**	CA081
Transporter:	No	**State District:**	2
Transfer Facility:	No	**Mailing Street No:**	
TSD Activity:	No	**Mailing Street 1:**	200 VALLEY DR STE 1
Recycler Activity:	No	**Mailing Street 2:**	
Onsite Burn Exempt:	No	**Mailing City:**	BRISBANE
Furnace Exemption:	No	**Mailing State:**	CA
Underground Inject:	No	**Mailing Zip Code:**	94005
Off Site Receipt:	Yes	**Mailing Country:**	US
Waste Dest Fac:	No	**Contact First Name:**	
Subpart K College:		**Contact Middle Initial:**	
Subpart K Hospital:		**Contact Last Name:**	
Subpart K Non Profit:		**Contact Street No:**	
Subpart K Withdraw:		**Contact Street 1:**	
Include Ntnl Rprt:		**Contact Street 2:**	
Reporting Cycle:		**Contact City:**	
LQHUW:	No	**Contact State:**	
Trader Importer:		**Contact Zip:**	
Trader Exporter:		**Contact Country:**	US
Slab Importer:		**Contact Phone:**	
Slab Exporter:		**Contact Phone Ext:**	
Current Record:	No	**Contact Fax:**	
Location Country:	US	**Contact Email Addr:**	
State District Owner:	CA	**Contact Title:**	

Handler Details

Source Type:	I	**Used Oil Transporter:**	No
Receive Date:	19970307	**UT Transfer Fac:**	No
Non Notifier:		**Used Oil Processor:**	No
Acknowledge Flag:		**Used Oil Refiner:**	No
Acknowledge Date:		**Used Oil Burner:**	No
Accessibility:		**UO Market Burner:**	No
Land Type:		**UO Spec Marketer:**	No
Fed Waste Gen Own:	HQ	**Current Site Name:**	QUICKSILVER PRODUCTS INC

Fed Waste Gen Cd:	2	**Location Street No:**	
Fed Waste Gen Desc:	Small Quantity Generator	**Location Street 1:**	200 VALLEY DR STE 1
ST Waste Gen Own:		**Location Street 2:**	
State Waste Gen Cd:		**Location City:**	BRISBANE
Short Term Gen:	No	**Location State:**	CA
Importer Activity:	No	**Location Zip Code:**	94005
Mixed Waste Gen:	No	**County Code:**	CA081
Transporter:	Yes	**State District:**	2
Transfer Facility:	No	**Mailing Street No:**	
TSD Activity:	No	**Mailing Street 1:**	200 VALLEY DR STE 1
Recycler Activity:	No	**Mailing Street 2:**	
Onsite Burn Exempt:	No	**Mailing City:**	BRISBANE
Furnace Exemption:	No	**Mailing State:**	CA
Underground Inject:	No	**Mailing Zip Code:**	94005
Off Site Receipt:	Yes	**Mailing Country:**	US
Waste Dest Fac:	No	**Contact First Name:**	RITCHEY
Subpart K College:		**Contact Middle Initial:**	
Subpart K Hospital:		**Contact Last Name:**	VAUGHN
Subpart K Non Profit:		**Contact Street No:**	
Subpart K Withdraw:		**Contact Street 1:**	200 VALLEY DR STE 1
Include Ntnl Rprt:		**Contact Street 2:**	
Reporting Cycle:		**Contact City:**	BRISBANE
LQHUW:	No	**Contact State:**	CA
Trader Importer:		**Contact Zip:**	94005
Trader Exporter:		**Contact Country:**	US
Slab Importer:		**Contact Phone:**	415-468-2000
Slab Exporter:		**Contact Phone Ext:**	
Current Record:	Yes	**Contact Fax:**	
Location Country:	US	**Contact Email Addr:**	
State District Owner:	CA	**Contact Title:**	

NAICS Details

Source Type:	I	**NAICS Active Status:**	Yes
NAICS Code Owner:	HQ	**NAICS Cycle:**	2002
NAICS Code:	331492		
NAICS Description:	SECONDARY SMELTING, REFINING, AND ALLOYING OF NONFERROUS METAL (EXCEPT COPPER AND ALUMINUM)		

Owner/Operator Details

Owner/Operator Ind:	CP	**Country:**	
Name:	QUICKSILVER PRODUCTS INC	**Zip Code:**	94005
Street No:		**Phone:**	415-468-2000
Street 1:	200 VALLEY DR SUITE 1	**Type:**	P
Street 2:		**Date Became Current:**	
City:	BRISBANE	**Date Ended Current:**	
State:	CA		
Source Type:	I		

Owner/Operator Ind:	CO	**Country:**	
Name:	QUICKSILVER PRODUCTS INC	**Zip Code:**	94005
Street No:		**Phone:**	415-555-1212
Street 1:	200 VALLEY DR SUITE 1	**Type:**	P
Street 2:		**Date Became Current:**	
City:	BRISBANE	**Date Ended Current:**	
State:	CA		
Source Type:	I		

Owner/Operator Ind:	CO	**Country:**	
Name:	QUICKSILVER PRODUCTS INC	**Zip Code:**	94005
Street No:		**Phone:**	415-555-1212
Street 1:	200 VALLEY DR SUITE 1	**Type:**	P
Street 2:		**Date Became Current:**	
City:	BRISBANE	**Date Ended Current:**	
State:	CA		
Source Type:	N		

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
23	1 of 2	E	0.78 / 4,115.42	16.90 / -209	QUICKSILVER PRODUCTS, INC 200 VALLEY DR BRISBANE CA 94005	ENVIROSTOR

Estor/EPA ID: 41280138
Facility Type: STATE RESPONSE OR NPL
Site Code: 200306
Program Type 2:
Special Program:
Nat Priority List: NO
Funding: ORPHAN FUNDS
Assembly District: 22
Senate District: 13
School District:
County: SAN MATEO
Latitude: 37.688504
Longitude: -122.403266
Acres: 0.25 ACRES
Office: CLEANUP BERKELEY
Census Tract: 6081600100
Permit Renewal Lead:
Project Manager: MARK PIROS
Pub Partici Spec:
Supervisor: MARK PIROS
Site Type: STATE RESPONSE OR NPL
Cleanup Status: CERTIFIED AS OF 12/31/1998
Clean Up Oversight Agency: DTSC - HAZARDOUS WASTE MANAGEMENT PROGRAM;DTSC - SITE CLEANUP PROGRAM - LEAD AGENCY
Cause of Contamination: RECYCLING - OTHER
Potential Media Affected: CONTAMINATED SURFACE / STRUCTURE
APN: 100-900-010, 100900010
Potential Contaminants:

CADMIUM AND COMPOUNDS
MERCURY AND COMPOUNDS

Site History:

Quicksilver Products was a mercury recycling facility that operated under a Hazardous Waste Facility Permit issued by the Department. The facility accepted mercury-containing items and equipment, including electrical gauges, switches, thermometers, manometers, lighting fixtures, and laboratory equipment. Mercury was drained from these items, refined through mechanical separation and distillation and then sold. Prior to the initiation of closure of the facility, Quicksilver Products was conducting their operations and storing waste in Suites 1 through 5 in the Valley Drive Business Park.

Program Type: STATE RESPONSE
Status: CERTIFIED
Cal Enviro Score: 71-75%
Summary Link: http://www.envirostor.dtsc.ca.gov/public/profile_report?global_id=41280138

Completed Activities

Date Completed: 8/21/1992
Area Name:
Sub Area:
Title: Imminent and/or Substantial Endangerment Order
Area Link:
Sub Area Link:
Title Link: http://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=41280138&enforcement_id=5004051
Document Type: Unilateral Order (I/SE, RAO, CAO, EPA AO)
Comments: Issued IS&E Order. Order required sampling and removal of all contaminated material found in the storm drain next to the site. DTSC's enforcement actions ultimately led to the San Mateo District Attorney's Office filing criminal charges against Quicksilver Products' owner. The owner was convicted of a felony for illegal hazardous waste storage and treatment activities. As part of his sentence, the owner completed the closure of the unauthorized operation areas between 1994 and 1996. DTSC revoked Quicksilver Products' permit in September 1996. Quicksilver abandoned the facility after its permit was revoked by DTSC in 1996 and had not completed closure of the permitted hazardous waste unit in Suite 1 because of insufficient financial resources.

Date Completed: 12/31/1998
Area Name:
Sub Area:
Title: Certification
Area Link:
Sub Area Link:
Title Link: http://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=41280138&enforcement_id=6009856
Document Type: Certification
Comments:

Date Completed: 11/1/1998
Area Name:
Sub Area:
Title: Fact Sheet - Facility Closure
Area Link:
Sub Area Link:
Title Link: http://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=41280138&doc_id=6012309
Document Type: Fact Sheets
Comments: Fact Sheet announces results of site inventory and how DTSC will undertake facility closure.

Date Completed: 6/30/1992
Area Name:
Sub Area:
Title: Engineering Evaluation / Cost Analysis
Area Link:
Sub Area Link:
Title Link: http://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=41280138&doc_id=5004052
Document Type: Remedial Investigation / Feasibility Study
Comments: Completed FRIFS. Between 1988 and 1996, DTSC conducted a series of inspections and took various enforcement actions against Quicksilver Products. Sampling conducted as part of these inspections indicated releases of mercury and cadmium to areas outside the facility.

Date Completed: 11/5/1998
Area Name:
Sub Area:
Title: Imminent and Substantial Endangerment Determination
Area Link:
Sub Area Link:
Title Link: http://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=41280138&enforcement_id=6010456
Document Type: Imminent and/or Subst. Endangerment Determination
Comments:

Date Completed: 7/17/1991
Area Name:
Sub Area:
Title: Sampling report for Sewer Lines
Area Link:
Sub Area Link:
Title Link: http://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=41280138&doc_id=6021724
Document Type: Site Characterization Report
Comments: State Contractor submitted report documenting sampling done in storm sewer and nearby lagoon.

Date Completed: 12/31/1998
Area Name:
Sub Area:
Title: Removal Action Completion Report
Area Link:
Sub Area Link:
Title Link: http://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=41280138&doc_id=5004049
Document Type: Removal Action Completion Report
Comments: Completed RA. DTSC contractors performed a removal action to allow for closure of Suite 1 which housed the formerly permitted hazardous unit. The removal action consisted of two primary actions: 1) removal and disposal or recycling 123 containers, parts, and pieces of equipment containing or contaminated by mercury and other hazardous wastes; and 2) decontamination or removal and disposal of interior walls and floors. A portion of the waste was removed by a contractor for Pacific Gas and Electric. Wipe sampling of the walls and floors wa performed to verify that the DTSC-calculated cleanup levels for mercury and cadmium were achieved. The cleanup levels for mercury and cadmium were 4 and 20 micrograms per 100 square centimeters of surface area, respectively.

Date Completed: 3/15/1993
Area Name:
Sub Area:
Title: Removal Action Completion Report
Area Link:
Sub Area Link:
Title Link: http://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=41280138&doc_id=5004050
Document Type: Removal Action Completion Report
Comments: Completed RA. About 3 cubic feet of mercury contaminated storm drain sediments in two catch basins located next to the facility were removed. The remaining cleanup activities ongoing at the site will be overseen by the

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Surveillance and Enforcement Branch.

Date Completed: 11/26/1991
Area Name:
Sub Area:
Title: Imminent and/or Subst. Endangerment Determination
Area Link:
Sub Area Link:
Title Link: http://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=41280138&enforcement_id=5004053
Document Type: Imminent and/or Subst. Endangerment Determination
Comments: Issued I&SE Determination because of the high levels of cadmium and mercury being released to the environment. During an inspection, it was found that Quicksilver had expanded its operations beyond the area where hazardous waste treatment and storage were allowed under their permit. The permit only allowed operation in Suite 1, while Quicksilver Products had expanded its storage activities into Suites 2 through 5.

23	2 of 2	E	0.78 / 4,115.42	16.90 / -209	**QUICKSILVER PRODUCTS, INC** **200 VALLEY DR** **BRISBANE CA 94005**	RESPONSE

ESTOR EPA ID: 41280138
Facility Type: STATE RESPONSE OR NPL
Program Type: STATE RESPONSE
Program Type 2:
Special Program:
Site Code: 200306
Nat Priority List: NO
Funding: ORPHAN FUNDS
Assembly District: 22
Senate District: 13
School District:
County: SAN MATEO
Latitude: 37.688504
Longitude: -122.403266
Acres: 0.25 ACRES
Office: CLEANUP BERKELEY
Census Tract: 6081600100
Cal Enviro Score: 71-75%
Permit Renewal Lead:
Project Manager: MARK PIROS
Public Partici Spec:
Supervisor: MARK PIROS
Site Type: STATE RESPONSE OR NPL
Status: CERTIFIED
Cleanup Status: CERTIFIED AS OF 12/31/1998
Cln-up Oversight Agencies: DTSC - HAZARDOUS WASTE MANAGEMENT PROGRAM;DTSC - SITE CLEANUP PROGRAM - LEAD AGENCY
Past Use that Caused Cntm: RECYCLING - OTHER
Potential Media Affected: CONTAMINATED SURFACE / STRUCTURE
APN: 100-900-010, 100900010
Summary Link: http://www.envirostor.dtsc.ca.gov/public/profile_report?global_id=41280138
Potential Contm Conc:

CADMIUM AND COMPOUNDS
MERCURY AND COMPOUNDS

Site History:

Quicksilver Products was a mercury recycling facility that operated under a Hazardous Waste Facility Permit issued by the Department. The facility accepted mercury-containing items and equipment, including electrical gauges, switches, thermometers, manometers, lighting fixtures, and laboratory equipment. Mercury was drained from these items, refined through mechanical separation and distillation and then sold. Prior to the initiation of closure of the facility, Quicksilver Products was conducting their operations and storing waste in Suites 1 through 5 in the Valley Drive Business Park.

Completed Activities

Date Completed: 3/15/1993
Document Type: Removal Action Completion Report
Area Name:
Sub Area:
Title: Removal Action Completion Report
Area Link:
Sub Area Link:
Title Link: http://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=41280138&doc_id=5004050
Comments: Completed RA. About 3 cubic feet of mercury contaminated storm drain sediments in two catch basins located next to the facility were removed. The remaining cleanup activities ongoing at the site will be overseen by the Surveillance and Enforcement Branch.

Completed Activities

Date Completed: 11/1/1998
Document Type: Fact Sheets
Area Name:
Sub Area:
Title: Fact Sheet - Facility Closure
Area Link:
Sub Area Link:
Title Link: http://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=41280138&doc_id=6012309
Comments: Fact Sheet announces results of site inventory and how DTSC will undertake facility closure.

Completed Activities

Date Completed: 7/17/1991
Document Type: Site Characterization Report
Area Name:
Sub Area:
Title: Sampling report for Sewer Lines
Area Link:
Sub Area Link:
Title Link: http://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=41280138&doc_id=6021724
Comments: State Contractor submitted report documenting sampling done in storm sewer and nearby lagoon.

Completed Activities

Date Completed: 11/26/1991
Document Type: Imminent and/or Subst. Endangerment Determination
Area Name:
Sub Area:
Title: Imminent and/or Subst. Endangerment Determination
Area Link:
Sub Area Link:
Title Link: http://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=41280138&enforcement_id=5004053
Comments: Issued I&SE Determination because of the high levels of cadmium and mercury being released to the environment. During an inspection, it was found that Quicksilver had expanded its operations beyond the area where hazardous waste treatment and storage were allowed under their permit. The permit only allowed operation in Suite 1, while Quicksilver Products had expanded its storage activities into Suites 2 through 5.

Completed Activities

Date Completed: 12/31/1998
Document Type: Certification
Area Name:
Sub Area:
Title: Certification
Area Link:
Sub Area Link:
Title Link: http://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=41280138&enforcement_id=6009856
Comments:

Completed Activities

Date Completed: 6/30/1992
Document Type: Remedial Investigation / Feasibility Study
Area Name:
Sub Area:
Title: Engineering Evaluation / Cost Analysis
Area Link:
Sub Area Link:
Title Link: http://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=41280138&doc_id=5004052
Comments: Completed FRIFS. Between 1988 and 1996, DTSC conducted a series of inspections and took various enforcement actions against Quicksilver Products. Sampling conducted as part of these inspections indicated releases of mercury and cadmium to areas outside the facility.

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Completed Activities

Date Completed: 11/5/1998
Document Type: Imminent and/or Subst. Endangerment Determination
Area Name:
Sub Area:
Title: Imminent and Substantial Endangerment Determination
Area Link:
Sub Area Link:
Title Link: http://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=41280138&enforcement_id=6010456
Comments:

Completed Activities

Date Completed: 8/21/1992
Document Type: Unilateral Order (I/SE, RAO, CAO, EPA AO)
Area Name:
Sub Area:
Title: Imminent and/or Substantial Endangerment Order
Area Link:
Sub Area Link:
Title Link: http://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=41280138&enforcement_id=5004051
Comments: Issued IS&E Order. Order required sampling and removal of all contaminated material found in the storm drain next to the site. DTSC's enforcement actions ultimately led to the San Mateo District Attorney's Office filing criminal charges against Quicksilver Products' owner. The owner was convicted of a felony for illegal hazardous waste storage and treatment activities. As part of his sentence, the owner completed the closure of the unauthorized operation areas between 1994 and 1996. DTSC revoked Quicksilver Products' permit in September 1996. Quicksilver abandoned the facility after its permit was revoked by DTSC in 1996 and had not completed closure of the permitted hazardous waste unit in Suite 1 because of insufficient financial resources.

Completed Activities

Date Completed: 12/31/1998
Document Type: Removal Action Completion Report
Area Name:
Sub Area:
Title: Removal Action Completion Report
Area Link:
Sub Area Link:
Title Link: http://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=41280138&doc_id=5004049
Comments: Completed RA. DTSC contractors performed a removal action to allow for closure of Suite 1 which housed the formerly permitted hazardous unit. The removal action consisted of two primary actions: 1) removal and disposal or recycling 123 containers, parts, and pieces of equipment containing or contaminated by mercury and other hazardous wastes; and 2) decontamination or removal and disposal of interior walls and floors. A portion of the waste was removed by a contractor for Pacific Gas and Electric. Wipe sampling of the walls and floors wa performed to verify that the DTSC-calculated cleanup levels for mercury and cadmium were achieved. The cleanup levels for mercury and cadmium were 4 and 20 micrograms per 100 square centimeters of surface area, respectively.

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
24	1 of 2	ENE	0.86 / 4,561.61	188.24 / -38	SOUTHERN PACIFIC - BRISBANE (OU-2) GENEVA AVENUE AND BAYSHORE BOULEVARD BRISBANE CA 94005	ENVIROSTOR

Estor/EPA ID: 41490054
Facility Type: STATE RESPONSE OR NPL
Site Code: 200093
Program Type 2:
Special Program:
Nat Priority List: NO
Funding: * UNKNOWN
Assembly District: 22
Senate District: 13
School District:
Site Type: STATE RESPONSE OR NPL

County: SAN MATEO
Latitude: 37.6923994623691
Longitude: -122.403011252747
Acres: 25 ACRES
Office: CLEANUP BERKELEY
Census Tract: 6081600100
Permit Renewal Lead:
Project Manager:
Pub Partici Spec:
Supervisor:

Cleanup Status:	REFER: RWQCB AS OF 11/7/1996
Clean Up Oversight Agency:	DTSC - SITE CLEANUP PROGRAM;RWQCB 2 - SAN FRANCISCO BAY - LEAD AGENCY
Cause of Contamination:	NONE SPECIFIED
Potential Media Affected:	NONE SPECIFIED
APN:	05807020
Potential Contaminants:	

CONTAMINATED SOIL
WASTE OIL & MIXED OIL

Site History:

This site, about 180 acres in size, was used by Southern Pacific Transportation Company for major railcar rehabilitation and locomotive maintenance operations from about 1914 to 1960. The site is located in Visitacion Valley, a basin tributary to the San Francisco Bay. The Bay is located about 2,000 feet east of the site. The site also overlays a discharge area and a potentially usable ground- water source. Southern Pacific Transportation Company carried out three major investigations prior to 1988, when DTSC issued an RAO. The RI/FS was completed by Tuntex in March 1992. The investigations revealed four distinct areas of contamination: the north area where the groundwater is contaminated with halogenated organic solvents; an oil sump area where both soil and groundwater is contaminated with heavy bunker oil; the turntable area is contaminated with petroleum hydrocarbons; and a metal slag area where soil is contaminated with chromium, copper, zinc, lead and arsenic. Contaminants may migrate offsite via surface water runoff, wind dispersion and groundwater transport. This could result in human and animal exposure from direct contact with, or ingestion of, contaminated soil or water. An above ground fuel tank with a 2 million gallon storage capacity was removed from the site in August 1988. The tank contained approximately 100,000 gallons of Bunker C fuel oil at the time of the removal. In addition, 11,500 gallons of oil-contaminated water and sediments were removed from an on-site drainage ditch in June 1989. Both of these actions were taken for long-term stabilization of the site. The Site has been divided into two Operable Units. North Area (OU-1) has VOC groundwater contamination. South Area (OU-2) has soil contaminated with petroleum hydrocarbons. Severe flooding in winter of 1992/1993 caused discharge of oil-contaminated water into SF Bay. Brisbane/Daly City preparing EIR for area-wide Flood Control Plan. RWQCB became lead agency for OU-2 on August 22, 1995 by amendment to I&SE Order. For more information on the northern portion of the site, see 41490037.

Program Type:	STATE RESPONSE
Status:	REFER: RWQCB
Cal Enviro Score:	71-75%
Summary Link:	http://www.envirostor.dtsc.ca.gov/public/profile_report?global_id=41490054

Completed Activities

Date Completed:	2/1/2006
Area Name:	
Sub Area:	
Title:	US EPA Triage
Area Link:	
Sub Area Link:	
Title Link:	http://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=41490054&doc_id=60431934
Document Type:	Site Screening
Comments:	Site is currently being overseen by RWQCB.

Date Completed:	9/5/1997
Area Name:	
Sub Area:	
Title:	US EPA Site Screening
Area Link:	
Sub Area Link:	
Title Link:	http://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=41490054&doc_id=60431936
Document Type:	Site Screening
Comments:	RWQCB currently overseeing this project.

24	2 of 2	ENE	0.86 / 4,561.61	188.24 / -38	SOUTHERN PACIFIC - BRISBANE (OU-2) GENEVA AVENUE AND BAYSHORE BOULEVARD BRISBANE CA 94005	RESPONSE

ESTOR EPA ID:	41490054	***County:***	SAN MATEO
Facility Type:	STATE RESPONSE OR NPL	***Latitude:***	37.6923994623691
Program Type:	STATE RESPONSE	***Longitude:***	-122.403011252747
Program Type 2:		***Acres:***	25 ACRES
Special Program:		***Office:***	CLEANUP BERKELEY
Site Code:	200093	***Census Tract:***	6081600100

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Nat Priority List: NO
Funding: * UNKNOWN
Assembly District: 22
Senate District: 13
School District:
Cal Enviro Score: 71-75%
Permit Renewal Lead:
Project Manager:
Public Partici Spec:
Supervisor:
Site Type: STATE RESPONSE OR NPL
Status: REFER: RWQCB
Cleanup Status: REFER: RWQCB AS OF 11/7/1996
Cln-up Oversight Agencies: DTSC - SITE CLEANUP PROGRAM;RWQCB 2 - SAN FRANCISCO BAY - LEAD AGENCY
Past Use that Caused Cntm: NONE SPECIFIED
Potential Media Affected: NONE SPECIFIED
APN: 05807020
Summary Link: http://www.envirostor.dtsc.ca.gov/public/profile_report?global_id=41490054
Potential Contm Conc:

CONTAMINATED SOIL
WASTE OIL & MIXED OIL

Site History:

This site, about 180 acres in size, was used by Southern Pacific Transportation Company for major railcar rehabilitation and locomotive maintenance operations from about 1914 to 1960. The site is located in Visitacion Valley, a basin tributary to the San Francisco Bay. The Bay is located about 2,000 feet east of the site. The site also overlays a discharge area and a potentially usable ground- water source. Southern Pacific Transportation Company carried out three major investigations prior to 1988, when DTSC issued an RAO. The RI/FS was completed by Tuntex in March 1992. The investigations revealed four distinct areas of contamination: the north area where the groundwater is contaminated with halogenated organic solvents; an oil sump area where both soil and groundwater is contaminated with heavy bunker oil; the turntable area is contaminated with petroleum hydrocarbons; and a metal slag area where soil is contaminated with chromium, copper, zinc, lead and arsenic. Contaminants may migrate offsite via surface water runoff, wind dispersion and groundwater transport. This could result in human and animal exposure from direct contact with, or ingestion of, contaminated soil or water. An above ground fuel tank with a 2 million gallon storage capacity was removed from the site in August 1988. The tank contained approximately 100,000 gallons of Bunker C fuel oil at the time of the removal. In addition, 11,500 gallons of oil-contaminated water and sediments were removed from an on-site drainage ditch in June 1989. Both of these actions were taken for long-term stabilization of the site. The Site has been divided into two Operable Units. North Area (OU-1) has VOC groundwater contamination. South Area (OU-2) has soil contaminated with petroleum hydrocarbons. Severe flooding in winter of 1992/1993 caused discharge of oil-contaminated water into SF Bay. Brisbane/Daly City preparing EIR for area-wide Flood Control Plan. RWQCB became lead agency for OU-2 on August 22, 1995 by amendment to I&SE Order. For more information on the northern portion of the site, see 41490037.

Completed Activities

Date Completed: 2/1/2006
Document Type: Site Screening
Area Name:
Sub Area:
Title: US EPA Triage
Area Link:
Sub Area Link:
Title Link: http://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=41490054&doc_id=60431934
Comments: Site is currently being overseen by RWQCB.

Completed Activities

Date Completed: 9/5/1997
Document Type: Site Screening
Area Name:
Sub Area:
Title: US EPA Site Screening
Area Link:
Sub Area Link:
Title Link: http://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=41490054&doc_id=60431936
Comments: RWQCB currently overseeing this project.

25	*1 of 3*	*NNE*	*0.95 / 5,008.34*	*32.44 / -194*	***FORMER MIDWAY VILLAGE - (J09CA1013) PRIMARY STREETS ARE SCHWERIN AND MARTIN STREETS, AND MIDWAY DRIVE***	***ENVIROSTOR***

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
					DALY CITY CA 94015	

Estor/EPA ID:	60001493	***County:***	SAN MATEO
Facility Type:	FUDS	***Latitude:***	37.7021241461581
Site Code:		***Longitude:***	-122.414174079895
Program Type 2:		***Acres:***	50 ACRES
Special Program:	DSMOA	***Office:***	CLEANUP BERKELEY
Nat Priority List:	NO	***Census Tract:***	6081600200
Funding:	DERA	***Permit Renewal Lead:***	
Assembly District:	19	***Project Manager:***	
Senate District:	11	***Pub Partici Spec:***	
School District:		***Supervisor:***	KAREN TOTH

Site Type: FUDS
Cleanup Status: NO FURTHER ACTION AS OF 8/21/2015
Clean Up Oversight Agency: DTSC - SITE CLEANUP PROGRAM - LEAD AGENCY
Cause of Contamination: UTILITY - ELECTRIC
Potential Media Affected: SOIL
APN: NONE SPECIFIED
Potential Contaminants:

POLYNUCLEAR AROMATIC HYDROCARBONS (PAHS)

Site History:

The site was remediated by the responsible parties and land use restriction have been put into place. No further action is required of the Department of Defense.

Program Type: MILITARY EVALUATION
Status: NO FURTHER ACTION
Cal Enviro Score: 66-70%
Summary Link: http://www.envirostor.dtsc.ca.gov/public/profile_report?global_id=60001493

Completed Activities

Date Completed: 11/2/2011
Area Name:
Sub Area:
Title: No Department of Defense Action Indicated - Former Midway Village
Area Link:
Sub Area Link:
Title Link: http://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=60001493&doc_id=60282917
Document Type: No Department of Defense Action Indicated (NDAI)
Comments:

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
25	*2 of 3*	*NNE*	*0.95 / 5,008.34*	*32.44 / -194*	***MIDWAY VILLAGE 47 MIDWAY DRIVE DALY CITY CA 94014***	***ENVIROSTOR***

Estor/EPA ID:	41650007	***County:***	SAN MATEO
Facility Type:	STATE RESPONSE OR NPL	***Latitude:***	37.7021241461581
Site Code:	200212	***Longitude:***	-122.414174079895
Program Type 2:		***Acres:***	5 ACRES
Special Program:		***Office:***	CLEANUP BERKELEY
Nat Priority List:	NO	***Census Tract:***	6081600200
Funding:	ORPHAN FUNDS	***Permit Renewal Lead:***	
Assembly District:	19	***Project Manager:***	KIMBERLY WALSH
Senate District:	11	***Pub Partici Spec:***	
School District:		***Supervisor:***	JULIE PETTIJOHN

Site Type: STATE RESPONSE OR NPL
Cleanup Status: CERTIFIED / OPERATION & MAINTENANCE AS OF 5/13/2003
Clean Up Oversight Agency: DTSC - SITE CLEANUP PROGRAM - LEAD AGENCY;US EPA
Cause of Contamination: MANUFACTURED GAS PLANT
Potential Media Affected: SOIL
APN: 005-330-020, 005-330-030, 005-330-040, 005-330-050, 005-330-060, 005-330-070, 005-330-080, 005-330-090, 005-330-100, 005-330-110, 005-330-120, 005-330-130, 005-330-140, 005-330-150, 005-330-160, 005-330-170, 005-330-180, 005-330-190, 005-330-200, 005-330-210, 005-330-220, 005-330-230, 005-330-240, 005-330-250,

005-330-260, 005-330-270, 005-330-280, 005-330-290, 005-330-300, 005-330-310, 005-330-320, 005-330-340, 005-330-350, 005-330-360, 005-330-370, 005-330-380, 005-330-400, 005330020, 005330030, 005330040, 005330050, 005330060, 005330070, 005330080, 005330090, 005330100, 005330110, 005330120, 005330130, 005330140, 005330150, 005330160, 005330170, 005330180, 005330190, 005330200, 005330210, 005330220, 005330230, 005330240, 005330250, 005330260, 005330270, 005330280, 005330290, 005330300, 005330310, 005330340, 005330350, 005330360, 005330370, 005330380, 005330400

Potential Contaminants:

POLYNUCLEAR AROMATIC HYDROCARBONS (PAHS)

Site History:

This site, adjacent to the Pacific Gas and Electric (PG&E) - Martin Service Center, is now the location of the Midway Village public housing project owned by San Mateo County Housing Authority. (also see sites 41360100, 41360093 and 41990001) In the past, the site was a military housing facility constructed during World War II by the U.S. Government. During construction of the military housing facility, soil contaminated with gas plant residues from the PG&E property was used as fill material on approximately 20 acres. This soil contained polycyclic aromatics hydrocarbons (PAHs). In 1955, the U.S. government transferred this property to the San Mateo Housing Authority. Subsequent to March 31, 1979, PG&E constructed an earthen berm containing gas plant residues on the boundary between the PG&E Martin Service Center and Midway Village.

Program Type:	STATE RESPONSE
Status:	CERTIFIED / OPERATION & MAINTENANCE - LAND USE RESTRICTIONS
Cal Enviro Score:	66-70%
Summary Link:	http://www.envirostor.dtsc.ca.gov/public/profile_report?global_id=41650007

Land Use Restrictions

Covenant:	http://www.envirostor.dtsc.ca.gov/public/view_document?docurl=/public/deliverable_documents/9906720817/Midway%20Additional%20LUC%2011232010%2Epdf
Title:	Additional Land Use Covenant for Midway Village
Area:	
Sub Area:	
Date Recorded:	11/23/2010
Site Management Requirements:	ACTIVITIES PROHIBITED WHICH DISTURB THE REMEDY AND MONITORING SYSTEMS WITHOUT APPROVAL ASPHALT COVER NOT TO BE DISTURBED WITHOUT APPROVAL NO EXCAVATION OF CONTAMINATED SOILS WITHOUT AGENCY REVIEW AND APPROVAL NO EXCAVATION OR ACTIVITIES WHICH DISTURB THE SOIL BELOW A SPECIFIED DEPTH (SEE COVENANT FOR DEPTH) WITHOUT AGENCY REVIEW AND APPROVAL OF A SOIL MANAGEMENT PLAN NOTIFY PRIOR TO CHANGE IN LAND USE NOTIFY PRIOR TO DEVELOPMENT NOTIFY PRIOR TO SUBSURFACE WORK PERFORM H&S PLAN PRIOR TO SUBSURFACE WORK REQUIRES SURFACE COVERS

Covenant:	http://www.envirostor.dtsc.ca.gov/public/view_document?docurl=/public/deliverable_documents/1977475821/SMBR%5FDEED%5F41650007%2Epdf
Title:	Deed Restriction / Land Use Covenant
Area:	
Sub Area:	
Date Recorded:	9/24/1998
Site Management Requirements:	ACTIVITIES PROHIBITED WHICH DISTURB THE REMEDY AND MONITORING SYSTEMS WITHOUT APPROVAL ASPHALT COVER NOT TO BE DISTURBED WITHOUT APPROVAL NOTIFY AFTER CHANGE OF PROPERTY OWNER NOTIFY PRIOR TO SUBSURFACE WORK PERFORM H&S PLAN PRIOR TO SUBSURFACE WORK RAISING OF FOOD PROHIBITED REQUIRES SURFACE COVERS

Currently Scheduled Activities

Area Name:	
Sub Area:	
Due Date:	6/21/2018
Revised Date:	
Document Type:	Public Notice

Area Name:
Sub Area:
Due Date: 3/16/2018
Revised Date: 7/15/2018
Document Type: 5 Year Review Reports

Completed Activities

Date Completed: 7/13/2001
Area Name:
Sub Area:
Title: Initial Study/Negative Declaration for Midway Village/Bayshore Park Explanation of Significant Differences
Area Link:
Sub Area Link:
Title Link: http://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=41650007&enforcement_id=6009078
Document Type: CEQA - Initial Study/ Neg. Declaration
Comments: Final Intial Study & Negative Declaration for the Explanation of Significant Differences for Midway Village and Bayshore Park.

Date Completed: 9/11/2008
Area Name:
Sub Area:
Title: 2008 Annual Site Inspection
Area Link:
Sub Area Link:
Title Link: http://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=41650007&enforcement_id=6012176
Document Type: Land Use Restriction - Site Inspection/Visit
Comments: The Cap appears to be in good shape. Though cracks were observed in some of the concrete patios and walkways, no soil was exposed in these areas. Cleaning and sealing of cracks and joints should be conducted to prevent the crack from growing and to prevent vegetation from growing in the crack/joint.

The Land Use Covenant should be modified to include the areas remediated in 2001 where contamination potentially remains under building foundations and patios

Date Completed: 4/11/2001
Area Name:
Sub Area:
Title: Fourth Amendment
Area Link:
Sub Area Link:
Title Link: http://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=41650007&enforcement_id=5003422
Document Type: Amendment - Order/Agreement
Comments: Order amended to require additional removal action.

Date Completed: 9/24/1998
Area Name:
Sub Area:
Title: Deed Restriction / Land Use Covenant
Area Link:
Sub Area Link:
Title Link: http://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=41650007&enforcement_id=5003426
Document Type: Land Use Restriction
Comments: Recorded Deed Restriction to limit use of property for the capped parcels at the Midway Village Site. The restriction prevents use of the parcels for other than Multiple Family Residential. It also restricts planting of food crops in anything other than above ground planters, and identifies the locations of the cap.

Date Completed: 6/1/2000
Area Name:
Sub Area:
Title: Response to Comments on Soil Sampling Plan
Area Link:
Sub Area Link:
Title Link: http://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=41650007&doc_id=6009085
Document Type: Other Report
Comments: Response to comments on the Soil Sampling Plan for Additional Confirmation Sampling at Midway Village.

Date Completed: 4/8/1999
Area Name:

Sub Area:
Title: Health Consultation - Midway Village Site
Area Link:
Sub Area Link:
Title Link: http://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=41650007&doc_id=6008887
Document Type: Remedial Investigation Report
Comments: ATSDR Health Consultation - This consultation looked at three issues: 1 - was the site adequately characterized prior to the 1994 cleanup, 2 - were past cleanups protective and 3 - is additional sampling required. The report recommended additional sampling but concluded that the capping and the 10 ppm total PAH cleanup goal were protective. The recommendations for the additional sampling were implemented in 2000.

Date Completed: 6/2/2010
Area Name:
Sub Area:
Title: Fact Sheet for Community Center Project
Area Link:
Sub Area Link:
Title Link: http://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=41650007&doc_id=60193985
Document Type: Fact Sheets
Comments: Fact Sheet describing Community Center project work.

Date Completed: 3/19/2006
Area Name:
Sub Area:
Title: Housing Authority Memo regarding water line break
Area Link:
Sub Area Link:
Title Link: http://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=41650007&doc_id=60191668
Document Type: Operations and Maintenance Report
Comments: Follow up memo to January 2006 water line break. Actual date of Memo March 19, 2006. All paving was completed February 19, 2006.

Date Completed: 3/31/1991
Area Name:
Sub Area:
Title: Public Participation Plan / Community Relations Plan
Area Link:
Sub Area Link:
Title Link:
Document Type: Public Participation Plan / Community Relations Plan
Comments:

Date Completed: 9/16/2014
Area Name:
Sub Area:
Title: Annual LUC Site Inspection
Area Link:
Sub Area Link:
Title Link: http://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=41650007&enforcement_id=60318595
Document Type: Land Use Restriction - Site Inspection/Visit
Comments:

Date Completed: 1/14/2014
Area Name:
Sub Area:
Title: Annual LUC Site Inspection
Area Link:
Sub Area Link:
Title Link: http://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=41650007&enforcement_id=60318594
Document Type: Land Use Restriction - Site Inspection/Visit
Comments: The implemented remedial action remains adequately protective of human health and the environment. Impacted soil remains under the soil cap and asphalt basketball court, which are in good shape and remain protective. There were no signs of grading or settlement.

Date Completed: 3/21/1994
Area Name:
Sub Area:
Title: Final Remedial Action
Area Link:

Sub Area Link:
Title Link: http://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=41650007&doc_id=5003430
Document Type: Remedial Action Completion Report
Comments: FRA - MIDWA - Completed Final Remedial Action. Cap construction completed. Capped areas were either paved with asphalt (parking areas) or concrete or two feet of clean soil and ornamental landscaping or sod. Raised planter beds containing clean soil were also constructed. During implementation, 18 pre-excavation, 24 post-excavation and 4 confirmation samples were taken. All excavated soils were disposed offsite. In response to concerns that the remedy may not have covered entire area of concern, additional samples were required to be taken in the entire Midway Village Complex. The sampling was conducted in June 2000 and May 2001.

Date Completed: 3/14/2008
Area Name:
Sub Area:
Title: 5 Year Review Reports
Area Link:
Sub Area Link:
Title Link: http://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=41650007&doc_id=5003420
Document Type: 5 Year Review Reports
Comments: Upon observing the current site conditions, DTSC concludes that the implemented remedial action remains adequately protective of human health and the environment. Impacted soil remains under the soil cap or concrete /asphalt, which are in good shape and remain protective.

Date Completed: 9/19/1990
Area Name:
Sub Area:
Title: Fact Sheet - History of Midway Village
Area Link:
Sub Area Link:
Title Link: http://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=41650007&doc_id=6013652
Document Type: Fact Sheets
Comments: History of Midway Village

Date Completed: 5/13/2003
Area Name:
Sub Area:
Title: Certification
Area Link:
Sub Area Link:
Title Link: http://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=41650007&enforcement_id=5003429
Document Type: Certification
Comments: Certified Site. All remedial activities had been completed. Ongoing operation and maintenance of the capped areas will be conducted by the San Mateo County Housing Authority. The capped areas will require periodic inspection to ensure that they remain protective.

Date Completed: 9/22/2017
Area Name:
Sub Area:
Title: Annual DTSC Site Inspection
Area Link:
Sub Area Link:
Title Link: http://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=41650007&enforcement_id=60422213
Document Type: Land Use Restriction - Site Inspection/Visit
Comments: Annual inspection for 2017 was completed by DTSC staff on September 8, 2017. DTSC staff did not observe any violations of the land use covenant between DTSC and San Mateo County Housing Authority.

Date Completed: 7/20/1993
Area Name:
Sub Area:
Title: Final Public Health and Environmental Evaluation of the Midway Villay/Bayshore Park Site
Area Link:
Sub Area Link:
Title Link: http://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=41650007&doc_id=6010643
Document Type: Remedial Investigation Report
Comments: Approved final Public Health and Environmental Evaluation for the Midway Village/Bayshore Park Site.

Date Completed: 6/30/2010
Area Name:
Sub Area:
Title: Community Center Project Fieldwork

Area Link:
Sub Area Link:
Title Link:
Document Type: Fieldwork
Comments: Fieldwork completed all oil and concrete shipped offsite

Date Completed: 6/20/2005
Area Name:
Sub Area:
Title: 2005 DTSC Annual Site Inspection
Area Link:
Sub Area Link:
Title Link: http://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=41650007&enforcement_id=6010015
Document Type: Land Use Restriction - Site Inspection/Visit
Comments: Upon observing the current site conditions, DTSC concludes that the implemented remedial action remains adequately protective of human health and the environment. Impacted soil remains under the asphalt concrete cap and landscaped areas, which are in good shape and remain protective. However, minor cracks in the concrete should be repaired and the lawn areas should be regularly watered to prevent vegetation from drying out.

Date Completed: 4/4/2008
Area Name:
Sub Area:
Title: Completion Letter for Cap Repairs
Area Link:
Sub Area Link:
Title Link: http://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=41650007&doc_id=6022136
Document Type: Removal Action Completion Report
Comments: All repairs to Cap identified in the Five Year Review were completed in December 2007.

Date Completed: 9/26/1990
Area Name:
Sub Area:
Title: Soil Sampling Report Midway Village
Area Link:
Sub Area Link:
Title Link: http://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=41650007&doc_id=6010642
Document Type: Remedial Investigation Report
Comments: PAH contaminated soils are not present South of Midway Drive.

Date Completed: 11/6/1995
Area Name:
Sub Area:
Title: Operation and Maintenance Plan
Area Link:
Sub Area Link:
Title Link:
Document Type: Operations and Maintenance Plan
Comments: Operation and Maintenance Plan attached to Imminent and Substantial Endangerment Order Amendment 3.

Date Completed: 4/9/2013
Area Name:
Sub Area:
Title: Post Five-Year Review Report Public Notice
Area Link:
Sub Area Link:
Title Link: http://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=41650007&doc_id=60306046
Document Type: Public Notice
Comments:

Date Completed: 7/5/2011
Area Name:
Sub Area:
Title: E-mail regarding Section 8 Vouchers
Area Link:
Sub Area Link:
Title Link: http://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=41650007&enforcement_id=60270626
Document Type: Correspondence
Comments: E-mail from San Mateo Copunty Housing Authority regarding Section 8 Vouchers.

Date Completed: 6/26/1992
Area Name:
Sub Area:
Title: Public Participation Plan / Community Relations Plan
Area Link:
Sub Area Link:
Title Link: http://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=41650007&doc_id=5003438
Document Type: Public Participation Plan / Community Relations Plan
Comments:

Date Completed: 3/12/2013
Area Name:
Sub Area:
Title: Third Five-Year Review Report
Area Link:
Sub Area Link:
Title Link: http://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=41650007&doc_id=6018594
Document Type: 5 Year Review Reports
Comments: Five-Year Review Report concludes that the implemented remedial action remains adequately protective of human health and the environment. Impacted soil remains under the soil cap or concrete/asphalt, which are in good shape and remain protective.

Date Completed: 12/24/2012
Area Name:
Sub Area:
Title: 2012 Annual LUC Site Inspection
Area Link:
Sub Area Link:
Title Link: http://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=41650007&enforcement_id=6016884
Document Type: Land Use Restriction - Site Inspection/Visit
Comments: The implemented remedial action remains adequately protective of human health and the environment. Impacted soil remains under the soil cap and asphalt basketball court, which are in good shape and remain protective. There were no signs of grading or settlement.

Date Completed: 11/14/2012
Area Name:
Sub Area:
Title: Pre Five-Year Review Report Public Notice
Area Link:
Sub Area Link:
Title Link: http://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=41650007&doc_id=60306044
Document Type: Public Notice
Comments: The public notice will be placed in the San Mateo Times to inform the community that the Five-Year Review Reports have been completed. The Public Notice will also be mailed to the mailing list maintained for these Sites.

Date Completed: 8/9/2010
Area Name:
Sub Area:
Title: 2010 Annual LUC Site Inspection
Area Link:
Sub Area Link:
Title Link: http://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=41650007&enforcement_id=6016882
Document Type: Land Use Restriction - Site Inspection/Visit
Comments: Annua cap inspection conducted on June 17, 2010. Two areas of follow up are required: Large gap between concrete between building 28 and 34 and update of the land use covenant to match 2001 cleanup.

Date Completed: 6/30/1993
Area Name:
Sub Area:
Title: Final Feasibility Study Report - Midway Village
Area Link:
Sub Area Link:
Title Link: http://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=41650007&doc_id=6010641
Document Type: Feasibility Study Report
Comments: Final Feasibiltiy Report accepted which proposes capping of soil contaminated with PAHs.

Date Completed: 4/11/2008
Area Name:
Sub Area:

Title: Public Notice for Final Five Year Review
Area Link:
Sub Area Link:
Title Link: http://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=41650007&doc_id=6018840
Document Type: Public Notice
Comments: Public notice

Date Completed: 3/14/2008
Area Name:
Sub Area:
Title: 2007 Annual Site Inspection Report
Area Link:
Sub Area Link:
Title Link: http://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=41650007&enforcement_id=6009498
Document Type: Land Use Restriction - Site Inspection/Visit
Comments: The Cap appears to be in good shape. Though cracks were observed in some of the concrete patios and walkways, no soil was exposed in these areas. Cleaning and sealing of cracks and joints should be conducted to prevent the crack from growing and to prevent vegetation from growing in the crack/joint. The Land Use Covenant should be modified to include the areas remediated in 2001 where contamination potentially remains under building foundations and patios

Date Completed: 4/30/2003
Area Name:
Sub Area:
Title: Indoor Air Monitoring Report
Area Link:
Sub Area Link:
Title Link: http://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=41650007&doc_id=6010963
Document Type: Remedial Investigation Report
Comments: Indoor air monitoring and fungal growth survey report approved. DTSC determined that no further action by DTSC is necessary.

Date Completed: 12/31/1990
Area Name:
Sub Area:
Title: Removal Action Completion Report
Area Link:
Sub Area Link:
Title Link: http://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=41650007&doc_id=5003444
Document Type: Removal Action Completion Report
Comments: RA - SOIL - Forty cubic yards of soils contaminated with gas plant residues from the adjoining PG&E-Martin Service Center were excavated during installation of a drainage project at the site.

Date Completed: 1/26/2006
Area Name:
Sub Area:
Title: Follow up visit for Water Line Break
Area Link:
Sub Area Link:
Title Link: http://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=41650007&enforcement_id=60191643
Document Type: Land Use Restriction - Site Inspection/Visit
Comments: Follow up visit for water line break on Cypress Lane.

Date Completed: 12/16/1991
Area Name:
Sub Area:
Title: Imminent and/or Substantial Endangerment and Remedial Action Order
Area Link:
Sub Area Link:
Title Link: http://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=41650007&enforcement_id=5003440
Document Type: Unilateral Order (I/SE, RAO, CAO, EPA AO)
Comments: ORDER - I&SE - Issued I&SE Order naming PG&E, US Navy, and US Department of Housing and Urban Development (HUD).

Date Completed: 7/21/1992
Area Name:
Sub Area:
Title: First Amendment
Area Link:

Sub Area Link:
Title Link: http://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=41650007&enforcement_id=5003437
Document Type: Amendment - Order/Agreement
Comments: ORDER - AMEND - Amended I&SE to include Bayshore Park and Day Care Center in area to be sampled for RI/FS.

Date Completed: 10/14/2016
Area Name:
Sub Area:
Title: 2016 Annual LUC Site Inspection
Area Link:
Sub Area Link:
Title Link: http://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=41650007&enforcement_id=60318597
Document Type: Land Use Restriction - Site Inspection/Visit
Comments:

Date Completed: 10/4/1995
Area Name:
Sub Area:
Title: Settlement Agreement with the United States
Area Link:
Sub Area Link:
Title Link: http://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=41650007&enforcement_id=6008376
Document Type: Consent Settlement - Administrative
Comments:

Date Completed: 11/23/2010
Area Name:
Sub Area:
Title: Additional Land Use Covenant for Midway Village
Area Link:
Sub Area Link:
Title Link: http://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=41650007&enforcement_id=6012861
Document Type: Land Use Restriction
Comments: Additional land use restriction recorded

Date Completed: 6/28/2006
Area Name:
Sub Area:
Title: 2006 Annual Inspection Report
Area Link:
Sub Area Link:
Title Link: http://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=41650007&enforcement_id=6009497
Document Type: Land Use Restriction - Site Inspection/Visit
Comments:

Date Completed: 1/26/2006
Area Name:
Sub Area:
Title: Site Inspection for Water Line Break
Area Link:
Sub Area Link:
Title Link: http://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=41650007&enforcement_id=60191642
Document Type: Land Use Restriction - Site Inspection/Visit
Comments: Initial site visit for water line break on Cypress Lane.

Date Completed: 6/1/2001
Area Name:
Sub Area:
Title: Fact Sheet For Draft ESD to RAW
Area Link:
Sub Area Link:
Title Link: http://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=41650007&doc_id=6011306
Document Type: Fact Sheets
Comments: Fact Sheet for Draft Explanation of Significant Differences

Date Completed: 10/30/1990
Area Name:
Sub Area:

Title: Imminent and/or Substantial Endangerment Determination
Area Link:
Sub Area Link:
Title Link: http://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=41650007&enforcement_id=5003912
Document Type: Imminent and/or Subst. Endangerment Determination
Comments: Issued I&SE Determination. In August 1990, the Housing Authority was ordered to stop work on a drainage project. Soil samples taken from the trenched areas and stockpiles contained PAHs. The Housing Authority was excavating contaminated soil to install drainage system without notifying DHS.

Date Completed: 10/27/2015
Area Name:
Sub Area:
Title: Affordale Housing Plan for the Roberson Intermediate School Redevelopment Application
Area Link:
Sub Area Link:
Title Link: http://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=41650007&doc_id=60400767
Document Type: Technical Workplan
Comments:

Date Completed: 9/16/1993
Area Name:
Sub Area:
Title: Remedial or Removal Design
Area Link:
Sub Area Link:
Title Link: http://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=41650007&doc_id=5003431
Document Type: Design/Implementation Workplan
Comments:

Date Completed: 7/16/2001
Area Name:
Sub Area:
Title: Final Determination of non-compliance
Area Link:
Sub Area Link:
Title Link: http://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=41650007&enforcement_id=5003421
Document Type: Final Determination of Non-Compliance
Comments: FDNC - DTSC found the responsible parties in non compliance with the order amendment dated April 11, 2001.

Date Completed: 6/30/1993
Area Name:
Sub Area:
Title: Remedial Investigation / Feasibility Study
Area Link:
Sub Area Link:
Title Link: http://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=41650007&doc_id=5003434
Document Type: Remedial Investigation Report
Comments: Remedial Investigation report approved which identified polynuclear aromatic hydrocarbons as the chemical of concern in soils at the site. Groundwater is not impacted.

Date Completed: 6/23/2000
Area Name:
Sub Area:
Title: Soil Sampling Plan
Area Link:
Sub Area Link:
Title Link: http://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=41650007&doc_id=6008885
Document Type: Remedial Investigation Report
Comments: Soil Sampling Plan Approved Samples will be collected at 150 locations throughout Midway Village.

Date Completed: 9/15/2011
Area Name:
Sub Area:
Title: 2011 Annual LUC Site Inspection
Area Link:
Sub Area Link:
Title Link: http://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=41650007&enforcement_id=6016883
Document Type: Land Use Restriction - Site Inspection/Visit
Comments: Cap continues to be protective.

Date Completed: 3/28/2000
Area Name:
Sub Area:
Title: University of California - PEER Review - Midway Village Soil Sampling Plan
Area Link:
Sub Area Link:
Title Link: http://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=41650007&doc_id=6008889
Document Type: Remedial Investigation Report
Comments: PEER review of draft sampling plan for additional soil samples at Midway Village

Date Completed: 5/1/1999
Area Name:
Sub Area:
Title: U.S. EPA letter transmitting the Results of Tap Water Sampling
Area Link:
Sub Area Link:
Title Link: http://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=41650007&doc_id=6010639
Document Type: Other Report
Comments: U.S. EPA LETTER TRANSMITTING THE RESULTS OF TAP WATER SAMPLING. There were no elevated levels of any constituents, and many of the constituents were not even detected.

Date Completed: 7/12/1993
Area Name:
Sub Area:
Title: Fact Sheet - Draft Remedial Action Plan
Area Link:
Sub Area Link:
Title Link: http://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=41650007&doc_id=6013654
Document Type: Fact Sheets
Comments: Fact Sheet - Announcing the public comment period for the Draft RAP and a public meeting scheduled for July 21, 1993.

Date Completed: 8/10/2001
Area Name:
Sub Area:
Title: Remedial or Removal Design
Area Link:
Sub Area Link:
Title Link: http://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=41650007&doc_id=5003423
Document Type: Design/Implementation Workplan
Comments: DES - Approved Design for the excavation of areas identified in the July 2001 Explanation of Significant Differences..

Date Completed: 4/23/1993
Area Name:
Sub Area:
Title: Second Amendment
Area Link:
Sub Area Link:
Title Link: http://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=41650007&enforcement_id=5003435
Document Type: Amendment - Order/Agreement
Comments: ORDER - AMEND - I&SE amended to add Housing Authority of San Mateo County and City of Daly City.

Date Completed: 10/31/1990
Area Name:
Sub Area:
Title: Engineering Evaluation / Cost Analysis
Area Link:
Sub Area Link:
Title Link:
Document Type: Engineering Evaluation / Cost Analysis - Time Critical
Comments:

Date Completed: 1/23/2008
Area Name:
Sub Area:
Title: Public Notice for Draft 5-Year Review
Area Link:

Sub Area Link:
Title Link: http://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=41650007&doc_id=6018102
Document Type: Public Notice
Comments: Public notice to run in San Mateo County Times on January 30, 2008

Date Completed: 1/1/2001
Area Name:
Sub Area:
Title: Data Summary Report Midway Village Soil Investigation
Area Link:
Sub Area Link:
Title Link: http://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=41650007&doc_id=6008892
Document Type: Remedial Investigation Report
Comments: Summary report of soil sampling conducted in June 2000. PAHs were found above screening levels in surface soils near Cypress Lane, Cypress Court and Bayshore Park.

Date Completed: 10/6/2009
Area Name:
Sub Area:
Title: 2009 DTSC Annual Site Inspection and Report
Area Link:
Sub Area Link:
Title Link: http://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=41650007&enforcement_id=6012955
Document Type: Land Use Restriction - Site Inspection/Visit
Comments: The Cap appears to be in good shape. The Land Use Covenant should be modified to include the areas remediated in 2001 where contamination potentially remains under building foundations and patios

Date Completed: 11/12/2010
Area Name:
Sub Area:
Title: Community Center Project Completion Report
Area Link:
Sub Area Link:
Title Link: http://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=41650007&doc_id=60193984
Document Type: Removal Action Completion Report
Comments: The RA consisted of shallow excavation of soils contaminated with polycyclic aromatic hydrocarbons from a former manufactured gas plant which operated on the adjacent property. Soil was excavated from a trench 2 feet wide by 87 feet long by 18 inches deep for a new footing to expand the existing laundry room. Approximately 10 tons of contaminated soil was excavated and disposed at Vasco Road Landfill. Additionally 8 cubic yards of concrete were recycled at Half Moon Bay Building and Garden, Inc. The footing as poured and all exposed contaminated soil was covered on July 13, 2010.

Date Completed: 4/22/1991
Area Name:
Sub Area:
Title: Removal Action Completion Report
Area Link:
Sub Area Link:
Title Link: http://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=41650007&doc_id=5003442
Document Type: Removal Action Completion Report
Comments: RA - PATIO - Concrete patios were installed to cover contaminated soils in the backyards of Midway Village, adjoining the PG&E property.

Date Completed: 6/1/1990
Area Name:
Sub Area:
Title: Final Data Report - Midway Village Sample Results
Area Link:
Sub Area Link:
Title Link: http://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=41650007&doc_id=6010640
Document Type: Remedial Investigation Report
Comments: Report found elevated levels of PAHs in surface soils

Date Completed: 11/28/2005
Area Name:
Sub Area:
Title: Settlement Agreement
Area Link:
Sub Area Link:

Title Link: http://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=41650007&enforcement_id=6008353
Document Type: Consent Settlement - Administrative
Comments: Settlement Agreement signed for past costs.

Date Completed: 10/21/2015
Area Name:
Sub Area:
Title: 2015 Annual LUC Site Inspection
Area Link:
Sub Area Link:
Title Link: http://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=41650007&enforcement_id=60318596
Document Type: Land Use Restriction - Site Inspection/Visit
Comments:

Date Completed: 6/19/2006
Area Name:
Sub Area:
Title: Letter regarding Concrete/Expansion Joint Repairs
Area Link:
Sub Area Link:
Title Link: http://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=41650007&doc_id=6011671
Document Type: Remedial Action Completion Report
Comments: Cap repairs completed on May 12, 2006.

Date Completed: 3/10/2017
Area Name:
Sub Area:
Title: Change of PM Notification
Area Link:
Sub Area Link:
Title Link: http://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=41650007&enforcement_id=60424616
Document Type: Correspondence
Comments: Change of DTSC project manager notification sent to project proponent.

Date Completed: 11/22/2002
Area Name:
Sub Area:
Title: Remedial Action Completion or Implementation
Area Link:
Sub Area Link:
Title Link: http://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=41650007&doc_id=5003424
Document Type: Remedial Action Completion Report
Comments: RMDL - Completed Remedial Action. In each area where contamination above the new cleanup levels was found in the top two feet, soil was removed and replaced with clean fill. Some areas within Midway Village were excavated to five feet, if contaminants had been found at depth in the area. The contaminated soil was disposed at an appropriate off-site disposal facility. Approximately 2,800 cubic yards of soil was removed from Midway Village. Soil remaining in place was sampled to determine what levels of PAHs were still in soil to determine if additional removal of soil was necessary. Materials to be used as backfill were sampled to make sure they did not contain elevated chemical concentrations. Other activities were included in the remediation. Landscaping and irrigation were replaced. Fences, walls and small backyard patios that had been removed as part of the field activities were restored. The patios now cover the entire backyard areas. Cypress Lane and Cypress Court were repaved. The walkway between Midway Drive and Linda Vista Drive was also paved. Removable traffic barriers were installed near the ends of the walkway to control traffic. A new playground was installed near the Midway Village Housing Office. Units near the excavations were cleaned by a professional cleaning service. Expansion joints in the capped patios along Cypress Lane and Cypress Court were cleaned and resealed. Two groundwater-monitoring wells on Midway Village were abandoned. In June 2002, DTSC also conducted indoor and outdoor air sampling for PAHs in five vacant residential units, the Midway Village Housing Office and 3 schools. All concentrations of PAHs found in both indoor and outdoor air were at or below the mean concentrations found by the California Air Resources Board for Northern California. All the concentrations were also below the US EPA screening levels for air.

Date Completed: 6/21/1999
Area Name:
Sub Area:
Title: Health Consultation - Midway Village Site
Area Link:
Sub Area Link:
Title Link: http://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=41650007&doc_id=6008886
Document Type: Remedial Investigation Report
Comments: ATSDR Report - This consultation looked at the results of DNA testing data which was provided to ATSDR. The report concluded: 1- The DNA data are inadequate to assess current levels of exposure to PAHs at the site, 2- The

DNA data cannot be used to predict adverse health effects for individuals living at Midway Village, and 3 - ATSDR is not currently aware of any human biomarkers that can adequately assess potential health outcomes as a result of exposure to low levels of PAHs in the environment.

Date Completed: 6/19/2002
Area Name:
Sub Area:
Title: 5 Year Review Reports
Area Link:
Sub Area Link:
Title Link: http://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=41650007&doc_id=5003427
Document Type: 5 Year Review Reports
Comments: DTSC concluded that the remedial action selected in the RAP, as revised by the ESD, remains protective of human health and the environment. Specifically, the contaminants left in the site soils are capped with 2-5 feet of clean soil, concrete or asphalt to prevent contact by residents. The capped areas are in good shape. A Land Use Restriction has been recorded on the capped areas of the site.

Date Completed: 5/18/2010
Area Name:
Sub Area:
Title: Soil Management Plan for Community Center Project
Area Link:
Sub Area Link:
Title Link: http://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=41650007&doc_id=60193377
Document Type: Soils Management Plan
Comments: Soil Management Plan for excavations related to expansion of the laundry room into a community center. It is expected that 15-30 cubic yards of soil will be excavated from a trench for the footing of the building. The trench will be about 87 feet long, 1 foot wide and 2 feet deep.

Date Completed: 11/9/1995
Area Name:
Sub Area:
Title: Third Amendment
Area Link:
Sub Area Link:
Title Link: http://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=41650007&enforcement_id=5003428
Document Type: Amendment - Order/Agreement
Comments: ORDER - OM - I&SE amended to include all requirements for O&M for Site.

Date Completed: 7/24/1992
Area Name:
Sub Area:
Title: Final Determination of non-compliance
Area Link:
Sub Area Link:
Title Link: http://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=41650007&enforcement_id=5003436
Document Type: Final Determination of Non-Compliance
Comments: FDNC - Issued Final Determination of Non-compliance to the U.S. Navy and U.S. Department of Housing and Urban Development.

Date Completed: 8/13/1993
Area Name:
Sub Area:
Title: Remedial Action Plan
Area Link:
Sub Area Link:
Title Link: http://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=41650007&doc_id=5003432
Document Type: Remedial Action Plan
Comments: RAP approved which requires capping in place with either 2 feet of clean soil, concrete or asphalt. Cleanup level is 10 parts per million total PAHs.

Date Completed: 9/1/1992
Area Name:
Sub Area:
Title: Fact Sheet - Investigation Results
Area Link:
Sub Area Link:
Title Link: http://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=41650007&doc_id=6013653
Document Type: Fact Sheets

Comments: Fact Sheet - covers history and past testing conducted on site.

Date Completed: 1/24/2008
Area Name:
Sub Area:
Title: Fact Sheet for Draft 5-Year Review
Area Link:
Sub Area Link:
Title Link: http://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=41650007&doc_id=6018101
Document Type: Fact Sheets
Comments: Fact Sheet for Draft Five Year Review - Mailed 1/28/2008

Date Completed: 7/13/2001
Area Name:
Sub Area:
Title: Explanation of Significant Differences - Midway Village
Area Link:
Sub Area Link:
Title Link: http://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=41650007&doc_id=5003425
Document Type: Remedial Action Plan w/ESD
Comments: RAP - ESD - Approved Explanation of Significant Difference (ESD). DTSC has determined to increase the soil cap from two feet, where feasible based on the location of underground utilities, in the areas where contaminants had been found at depth. The remedial goal has also been updated to be consistent with current methodology and has been set at 0.9 milligrams/kilogram (parts per million, ppm) benzo(a)pyrene equivalents. Based on the additional depth of the clean soil buffer and the revised cleanup goals, approximately 3,000 cubic yards of soil containing polycyclic aromatic hydrocarbon (PAH) contamination has been encountered at the site that will require excavation and offsite disposal.

Date Completed: 8/1/2001
Area Name:
Sub Area:
Title: Midway Village Data Summary Report Addendum: Additional Sampling
Area Link:
Sub Area Link:
Title Link: http://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=41650007&doc_id=6010662
Document Type: Remedial Investigation Report
Comments: Results of additional Sampling conducted in Midway Village in May 2001. This data was collected to fill in gaps from the June 2000 soil sampling activities.

Date Completed: 3/11/2014
Area Name:
Sub Area:
Title: Landscape Renovation Plan
Area Link:
Sub Area Link:
Title Link: http://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=41650007&doc_id=60354169
Document Type: Soils Management Plan
Comments:

Date Completed: 4/30/2003
Area Name:
Sub Area:
Title: Midway Village/Bayshore Park Fact Sheet
Area Link:
Sub Area Link:
Title Link: http://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=41650007&doc_id=6008891
Document Type: Fact Sheets
Comments: Fact Shee summarizing Final Remedial/Removal Actions at Midway Village and Bayshore Park and discussing the results of indoor air sampling.

Date Completed: 8/17/1998
Area Name:
Sub Area:
Title: Midway Village/Bayshore Park Health Consultation
Area Link:
Sub Area Link:
Title Link: http://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=41650007&doc_id=6008888
Document Type: Remedial Investigation Report
Comments: ATSDR Report - This consultation looked at upcoming construction activities and provided suggestions regarding

additional controls and activities (such as temporary relocation during construction activities due to stress, fugitive dust and physical hazards) which should occur for people adjacent to excavation areas of the Storm Drain Replacement Project. These recommendations were implemented.

Date Completed: 8/13/1993
Area Name:
Sub Area:
Title: CEQA
Area Link:
Sub Area Link:
Title Link:
Document Type: CEQA - Initial Study/ Neg. Declaration
Comments: RAP - MIDWA - Approved RAP which required a combination of soil removal and capping in the Cypress Lane area of Midway Village.

Date Completed: 4/4/2017
Area Name:
Sub Area:
Title: Midway Village Orphan Memo
Area Link:
Sub Area Link:
Title Link: http://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=41650007&enforcement_id=60402309
Document Type: Orphan Site Designation
Comments: To the extent present and future costs incurred by DTSC at the Site fall under the definition of "Matters Addressed" in the 2005 Settlement Agreement, they are no longer recoverable because those claims have been released. The "Matters Addressed" by the settlement can summarily be described to include any and all existing or future claims related to the release of hazardous substances at the Site and include "any and all past, present, and future claims for Response Costs or response actions" among the settling parties which includes the United States of America (for the Navy and HUD), the Housing Authority of the County of San Mateo and PG&E. The "Matters Addressed" amongst the settling parties also includes offsite contamination, all future monitoring or investigative costs, and claims for declaratory relief or injunction relief for Response Costs or response actions.

To the extent present and future costs incurred by DTSC at the Site relate to PRPs other than the parties to the 2005 Settlement Agreement or the costs incurred fall under the Reservation of Rights provisions in the 2005 Settlement Agreement as to those settling parties, those claims have not been released and DTSC can pursue recovery of those costs. The claims preserved under the Reservation of Rights provision can summarily be described to include DTSC's right to institute further proceedings or a new action against the PRPs seeking to perform additional work to respond to a release or threat of release at the Site and seeking DTSC's response costs if (1) conditions
previously unknown to DTSC are discovered at the Site and there is a release and the response actions performed at the Site are not protective of human health and the environment, or (2) information previously unknown to DTSC is received by DTSC after the effective date of the Agreement and that information indicates that the response actions performed at the Site are not protective of human health and the environment.

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25 | ***3 of 3*** | ***NNE*** | ***0.95 / 5,008.34*** | ***32.44 / -194*** | ***MIDWAY VILLAGE
47 MIDWAY DRIVE
DALY CITY CA 94014*** | ***RESPONSE***

ESTOR EPA ID:	41650007	***County:***	SAN MATEO
Facility Type:	STATE RESPONSE OR NPL	***Latitude:***	37.7021241461581
Program Type:	STATE RESPONSE	***Longitude:***	-122.414174079895
Program Type 2:		***Acres:***	5 ACRES
Special Program:		***Office:***	CLEANUP BERKELEY
Site Code:	200212	***Census Tract:***	6081600200
Nat Priority List:	NO	***Cal Enviro Score:***	66-70%
Funding:	ORPHAN FUNDS	***Permit Renewal Lead:***	
Assembly District:	19	***Project Manager:***	KIMBERLY WALSH
Senate District:	11	***Public Partici Spec:***	
School District:		***Supervisor:***	JULIE PETTIJOHN

Site Type: STATE RESPONSE OR NPL
Status: CERTIFIED / OPERATION & MAINTENANCE - LAND USE RESTRICTIONS
Cleanup Status: CERTIFIED / OPERATION & MAINTENANCE AS OF 5/13/2003
Cln-up Oversight Agencies: DTSC - SITE CLEANUP PROGRAM - LEAD AGENCY;US EPA
Past Use that Caused Cntm: MANUFACTURED GAS PLANT
Potential Media Affected: SOIL
APN: 005-330-020, 005-330-030, 005-330-040, 005-330-050, 005-330-060, 005-330-070, 005-330-080, 005-330-090, 005-330-100, 005-330-110, 005-330-120, 005-330-130, 005-330-140, 005-330-150, 005-330-160, 005-330-170, 005-330-180, 005-330-190, 005-330-200, 005-330-210, 005-330-220, 005-330-230, 005-330-240, 005-330-250, 005-330-260, 005-330-270, 005-330-280, 005-330-290, 005-330-300, 005-330-310, 005-330-320, 005-330-340,

005-330-350, 005-330-360, 005-330-370, 005-330-380, 005-330-400, 005330020, 005330030, 005330040, 005330050, 005330060, 005330070, 005330080, 005330090, 005330100, 005330110, 005330120, 005330130, 005330140, 005330150, 005330160, 005330170, 005330180, 005330190, 005330200, 005330210, 005330220, 005330230, 005330240, 005330250, 005330260, 005330270, 005330280, 005330290, 005330300, 005330310, 005330340, 005330350, 005330360, 005330370, 005330380, 005330400

Summary Link: http://www.envirostor.dtsc.ca.gov/public/profile_report?global_id=41650007

Potential Contm Conc:

POLYNUCLEAR AROMATIC HYDROCARBONS (PAHS)

Site History:

This site, adjacent to the Pacific Gas and Electric (PG&E) - Martin Service Center, is now the location of the Midway Village public housing project owned by San Mateo County Housing Authority. (also see sites 41360100, 41360093 and 41990001) In the past, the site was a military housing facility constructed during World War II by the U.S. Government. During construction of the military housing facility, soil contaminated with gas plant residues from the PG&E property was used as fill material on approximately 20 acres. This soil contained polycyclic aromatics hydrocarbons (PAHs). In 1955, the U.S. government transferred this property to the San Mateo Housing Authority. Subsequent to March 31, 1979, PG&E constructed an earthen berm containing gas plant residues on the boundary between the PG&E Martin Service Center and Midway Village.

Land Use Restrictions

Title: Deed Restriction / Land Use Covenant
Area:
Sub Area:
Date Recorded: 9/24/1998
Covenant: http://www.envirostor.dtsc.ca.gov/public/view_document?docurl=/public/deliverable_documents/1977475821/SMBR%5FDEED%5F41650007%2Epdf
Site Management Req: ACTIVITIES PROHIBITED WHICH DISTURB THE REMEDY AND MONITORING SYSTEMS WITHOUT APPROVAL
ASPHALT COVER NOT TO BE DISTURBED WITHOUT APPROVAL
NOTIFY AFTER CHANGE OF PROPERTY OWNER
NOTIFY PRIOR TO SUBSURFACE WORK
PERFORM H&S PLAN PRIOR TO SUBSURFACE WORK
RAISING OF FOOD PROHIBITED
REQUIRES SURFACE COVERS

Land Use Restrictions

Title: Additional Land Use Covenant for Midway Village
Area:
Sub Area:
Date Recorded: 11/23/2010
Covenant: http://www.envirostor.dtsc.ca.gov/public/view_document?docurl=/public/deliverable_documents/9906720817/Midway%20Additional%20LUC%2011232010%2Epdf
Site Management Req: ACTIVITIES PROHIBITED WHICH DISTURB THE REMEDY AND MONITORING SYSTEMS WITHOUT APPROVAL
ASPHALT COVER NOT TO BE DISTURBED WITHOUT APPROVAL
NO EXCAVATION OF CONTAMINATED SOILS WITHOUT AGENCY REVIEW AND APPROVAL
NO EXCAVATION OR ACTIVITIES WHICH DISTURB THE SOIL BELOW A SPECIFIED DEPTH (SEE COVENANT FOR DEPTH) WITHOUT AGENCY REVIEW AND APPROVAL OF A SOIL MANAGEMENT PLAN
NOTIFY PRIOR TO CHANGE IN LAND USE
NOTIFY PRIOR TO DEVELOPMENT
NOTIFY PRIOR TO SUBSURFACE WORK
PERFORM H&S PLAN PRIOR TO SUBSURFACE WORK
REQUIRES SURFACE COVERS

Currently Scheduled Activities

Area Name:
Sub Area:
Due Date: 6/21/2018
Revised Date:
Document Type: Public Notice

Currently Scheduled Activities

Area Name:
Sub Area:
Due Date: 3/16/2018
Revised Date: 7/15/2018
Document Type: 5 Year Review Reports

Completed Activities

Date Completed: 4/4/2017
Document Type: Orphan Site Designation
Area Name:
Sub Area:
Title: Midway Village Orphan Memo
Area Link:
Sub Area Link:
Title Link: http://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=41650007&enforcement_id=60402309
Comments: To the extent present and future costs incurred by DTSC at the Site fall under the definition of "Matters Addressed" in the 2005 Settlement Agreement, they are no longer recoverable because those claims have been released. The "Matters Addressed" by the settlement can summarily be described to include any and all existing or future claims related to the release of hazardous substances at the Site and include "any and all past, present, and future claims for Response Costs or response actions" among the settling parties which includes the United States of America (for the Navy and HUD), the Housing Authority of the County of San Mateo and PG&E. The "Matters Addressed" amongst the settling parties also includes offsite contamination, all future monitoring or investigative costs, and claims for declaratory relief or injunction relief for Response Costs or response actions.

To the extent present and future costs incurred by DTSC at the Site relate to PRPs other than the parties to the 2005 Settlement Agreement or the costs incurred fall under the Reservation of Rights provisions in the 2005 Settlement Agreement as to those settling parties, those claims have not been released and DTSC can pursue recovery of those costs. The claims preserved under the Reservation of Rights provision can summarily be described to include DTSC's right to institute further proceedings or a new action against the PRPs seeking to perform additional work to respond to a release or threat of release at the Site and seeking DTSC's response costs if (1) conditions
previously unknown to DTSC are discovered at the Site and there is a release and the response actions performed at the Site are not protective of human health and the environment, or (2) information previously unknown to DTSC is received by DTSC after the effective date of the Agreement and that information indicates that the response actions performed at the Site are not protective of human health and the environment.

Completed Activities

Date Completed: 1/23/2008
Document Type: Public Notice
Area Name:
Sub Area:
Title: Public Notice for Draft 5-Year Review
Area Link:
Sub Area Link:
Title Link: http://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=41650007&doc_id=6018102
Comments: Public notice to run in San Mateo County Times on January 30, 2008

Completed Activities

Date Completed: 1/26/2006
Document Type: Land Use Restriction - Site Inspection/Visit
Area Name:
Sub Area:
Title: Site Inspection for Water Line Break
Area Link:
Sub Area Link:
Title Link: http://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=41650007&enforcement_id=60191642
Comments: Initial site visit for water line break on Cypress Lane.

Completed Activities

Date Completed: 8/1/2001

Document Type: Remedial Investigation Report
Area Name:
Sub Area:
Title: Midway Village Data Summary Report Addendum: Additional Sampling
Area Link:
Sub Area Link:
Title Link: http://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=41650007&doc_id=6010662
Comments: Results of additional Sampling conducted in Midway Village in May 2001. This data was collected to fill in gaps from the June 2000 soil sampling activities.

Completed Activities

Date Completed: 4/11/2001
Document Type: Amendment - Order/Agreement
Area Name:
Sub Area:
Title: Fourth Amendment
Area Link:
Sub Area Link:
Title Link: http://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=41650007&enforcement_id=5003422
Comments: Order amended to require additional removal action.

Completed Activities

Date Completed: 7/20/1993
Document Type: Remedial Investigation Report
Area Name:
Sub Area:
Title: Final Public Health and Environmental Evaluation of the Midway Villay/Bayshore Park Site
Area Link:
Sub Area Link:
Title Link: http://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=41650007&doc_id=6010643
Comments: Approved final Public Health and Environmental Evaluation for the Midway Village/Bayshore Park Site.

Completed Activities

Date Completed: 6/30/1993
Document Type: Feasibility Study Report
Area Name:
Sub Area:
Title: Final Feasibility Study Report - Midway Village
Area Link:
Sub Area Link:
Title Link: http://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=41650007&doc_id=6010641
Comments: Final Feasibiltiy Report accepted which proposes capping of soil contaminated with PAHs.

Completed Activities

Date Completed: 10/30/1990
Document Type: Imminent and/or Subst. Endangerment Determination
Area Name:
Sub Area:
Title: Imminent and/or Substantial Endangerment Determination
Area Link:
Sub Area Link:
Title Link: http://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=41650007&enforcement_id=5003912
Comments: Issued I&SE Determination. In August 1990, the Housing Authority was ordered to stop work on a drainage project. Soil samples taken from the trenched areas and stockpiles contained PAHs. The Housing Authority was excavating contaminated soil to install drainage system without notifying DHS.

Completed Activities

Date Completed: 9/19/1990

Document Type: Fact Sheets
Area Name:
Sub Area:
Title: Fact Sheet - History of Midway Village
Area Link:
Sub Area Link:
Title Link: http://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=41650007&doc_id=6013652
Comments: History of Midway Village

Completed Activities

Date Completed: 3/12/2013
Document Type: 5 Year Review Reports
Area Name:
Sub Area:
Title: Third Five-Year Review Report
Area Link:
Sub Area Link:
Title Link: http://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=41650007&doc_id=6018594
Comments: Five-Year Review Report concludes that the implemented remedial action remains adequately protective of human health and the environment. Impacted soil remains under the soil cap or concrete/asphalt, which are in good shape and remain protective.

Completed Activities

Date Completed: 10/21/2015
Document Type: Land Use Restriction - Site Inspection/Visit
Area Name:
Sub Area:
Title: 2015 Annual LUC Site Inspection
Area Link:
Sub Area Link:
Title Link: http://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=41650007&enforcement_id=60318596
Comments:

Completed Activities

Date Completed: 1/14/2014
Document Type: Land Use Restriction - Site Inspection/Visit
Area Name:
Sub Area:
Title: Annual LUC Site Inspection
Area Link:
Sub Area Link:
Title Link: http://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=41650007&enforcement_id=60318594
Comments: The implemented remedial action remains adequately protective of human health and the environment. Impacted soil remains under the soil cap and asphalt basketball court, which are in good shape and remain protective. There were no signs of grading or settlement.

Completed Activities

Date Completed: 11/14/2012
Document Type: Public Notice
Area Name:
Sub Area:
Title: Pre Five-Year Review Report Public Notice
Area Link:
Sub Area Link:
Title Link: http://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=41650007&doc_id=60306044
Comments: The public notice will be placed in the San Mateo Times to inform the community that the Five-Year Review Reports have been completed. The Public Notice will also be mailed to the mailing list maintained for these Sites.

Completed Activities

Date Completed: 11/12/2010
Document Type: Removal Action Completion Report
Area Name:
Sub Area:
Title: Community Center Project Completion Report
Area Link:
Sub Area Link:
Title Link: http://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=41650007&doc_id=60193984
Comments: The RA consisted of shallow excavation of soils contaminated with polycyclic aromatic hydrocarbons from a former manufactured gas plant which operated on the adjacent property. Soil was excavated from a trench 2 feet wide by 87 feet long by 18 inches deep for a new footing to expand the existing laundry room. Approximately 10 tons of contaminated soil was excavated and disposed at Vasco Road Landfill. Additionally 8 cubic yards of concrete were recycled at Half Moon Bay Building and Garden, Inc. The footing as poured and all exposed contaminated soil was covered on July 13, 2010.

Completed Activities

Date Completed: 5/18/2010
Document Type: Soils Management Plan
Area Name:
Sub Area:
Title: Soil Management Plan for Community Center Project
Area Link:
Sub Area Link:
Title Link: http://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=41650007&doc_id=60193377
Comments: Soil Management Plan for excavations related to expansion of the laundry room into a community center. It is expected that 15-30 cubic yards of soil will be excavated from a trench for the footing of the building. The trench will be about 87 feet long, 1 foot wide and 2 feet deep.

Completed Activities

Date Completed: 4/4/2008
Document Type: Removal Action Completion Report
Area Name:
Sub Area:
Title: Completion Letter for Cap Repairs
Area Link:
Sub Area Link:
Title Link: http://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=41650007&doc_id=6022136
Comments: All repairs to Cap identified in the Five Year Review were completed in December 2007.

Completed Activities

Date Completed: 6/19/2002
Document Type: 5 Year Review Reports
Area Name:
Sub Area:
Title: 5 Year Review Reports
Area Link:
Sub Area Link:
Title Link: http://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=41650007&doc_id=5003427
Comments: DTSC concluded that the remedial action selected in the RAP, as revised by the ESD, remains protective of human health and the environment. Specifically, the contaminants left in the site soils are capped with 2-5 feet of clean soil, concrete or asphalt to prevent contact by residents. The capped areas are in good shape. A Land Use Restriction has been recorded on the capped areas of the site.

Completed Activities

Date Completed: 5/1/1999
Document Type: Other Report
Area Name:
Sub Area:
Title: U.S. EPA letter transmitting the Results of Tap Water Sampling
Area Link:

Sub Area Link:
Title Link: http://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=41650007&doc_id=6010639
Comments: U.S. EPA LETTER TRANSMITTING THE RESULTS OF TAP WATER SAMPLING. There were no elevated levels of any constituents, and many of the constituents were not even detected.

Completed Activities

Date Completed: 9/22/2017
Document Type: Land Use Restriction - Site Inspection/Visit
Area Name:
Sub Area:
Title: Annual DTSC Site Inspection
Area Link:
Sub Area Link:
Title Link: http://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=41650007&enforcement_id=60422213
Comments: Annual inspection for 2017 was completed by DTSC staff on September 8, 2017. DTSC staff did not observe any violations of the land use covenant between DTSC and San Mateo County Housing Authority.

Completed Activities

Date Completed: 7/12/1993
Document Type: Fact Sheets
Area Name:
Sub Area:
Title: Fact Sheet - Draft Remedial Action Plan
Area Link:
Sub Area Link:
Title Link: http://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=41650007&doc_id=6013654
Comments: Fact Sheet - Announcing the public comment period for the Draft RAP and a public meeting scheduled for July 21, 1993.

Completed Activities

Date Completed: 4/23/1993
Document Type: Amendment - Order/Agreement
Area Name:
Sub Area:
Title: Second Amendment
Area Link:
Sub Area Link:
Title Link: http://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=41650007&enforcement_id=5003435
Comments: ORDER - AMEND - I&SE amended to add Housing Authority of San Mateo County and City of Daly City.

Completed Activities

Date Completed: 6/26/1992
Document Type: Public Participation Plan / Community Relations Plan
Area Name:
Sub Area:
Title: Public Participation Plan / Community Relations Plan
Area Link:
Sub Area Link:
Title Link: http://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=41650007&doc_id=5003438
Comments:

Completed Activities

Date Completed: 9/26/1990
Document Type: Remedial Investigation Report
Area Name:
Sub Area:
Title: Soil Sampling Report Midway Village
Area Link:

Sub Area Link:
Title Link: http://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=41650007&doc_id=6010642
Comments: PAH contaminated soils are not present South of Midway Drive.

Completed Activities

Date Completed: 3/14/2008
Document Type: 5 Year Review Reports
Area Name:
Sub Area:
Title: 5 Year Review Reports
Area Link:
Sub Area Link:
Title Link: http://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=41650007&doc_id=5003420
Comments: Upon observing the current site conditions, DTSC concludes that the implemented remedial action remains adequately protective of human health and the environment. Impacted soil remains under the soil cap or concrete /asphalt, which are in good shape and remain protective.

Completed Activities

Date Completed: 1/1/2001
Document Type: Remedial Investigation Report
Area Name:
Sub Area:
Title: Data Summary Report Midway Village Soil Investigation
Area Link:
Sub Area Link:
Title Link: http://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=41650007&doc_id=6008892
Comments: Summary report of soil sampling conducted in June 2000. PAHs were found above screening levels in surface soils near Cypress Lane, Cypress Court and Bayshore Park.

Completed Activities

Date Completed: 6/1/2000
Document Type: Other Report
Area Name:
Sub Area:
Title: Response to Comments on Soil Sampling Plan
Area Link:
Sub Area Link:
Title Link: http://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=41650007&doc_id=6009085
Comments: Response to comments on the Soil Sampling Plan for Additional Confirmation Sampling at Midway Village.

Completed Activities

Date Completed: 9/16/1993
Document Type: Design/Implementation Workplan
Area Name:
Sub Area:
Title: Remedial or Removal Design
Area Link:
Sub Area Link:
Title Link: http://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=41650007&doc_id=5003431
Comments:

Completed Activities

Date Completed: 4/22/1991
Document Type: Removal Action Completion Report
Area Name:
Sub Area:
Title: Removal Action Completion Report
Area Link:

Sub Area Link:
Title Link: http://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=41650007&doc_id=5003442
Comments: RA - PATIO - Concrete patios were installed to cover contaminated soils in the backyards of Midway Village, adjoining the PG&E property.

Completed Activities

Date Completed: 12/31/1990
Document Type: Removal Action Completion Report
Area Name:
Sub Area:
Title: Removal Action Completion Report
Area Link:
Sub Area Link:
Title Link: http://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=41650007&doc_id=5003444
Comments: RA - SOIL - Forty cubic yards of soils contaminated with gas plant residues from the adjoining PG&E-Martin Service Center were excavated during installation of a drainage project at the site.

Completed Activities

Date Completed: 6/23/2000
Document Type: Remedial Investigation Report
Area Name:
Sub Area:
Title: Soil Sampling Plan
Area Link:
Sub Area Link:
Title Link: http://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=41650007&doc_id=6008885
Comments: Soil Sampling Plan Approved Samples will be collected at 150 locations throughout Midway Village.

Completed Activities

Date Completed: 9/24/1998
Document Type: Land Use Restriction
Area Name:
Sub Area:
Title: Deed Restriction / Land Use Covenant
Area Link:
Sub Area Link:
Title Link: http://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=41650007&enforcement_id=5003426
Comments: Recorded Deed Restriction to limit use of property for the capped parcels at the Midway Village Site. The restriction prevents use of the parcels for other than Multiple Family Residential. It also restricts planting of food crops in anything other than above ground planters, and identifies the locations of the cap.

Completed Activities

Date Completed: 8/17/1998
Document Type: Remedial Investigation Report
Area Name:
Sub Area:
Title: Midway Village/Bayshore Park Health Consultation
Area Link:
Sub Area Link:
Title Link: http://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=41650007&doc_id=6008888
Comments: ATSDR Report - This consultation looked at upcoming construction activities and provided suggestions regarding additional controls and activities (such as temporary relocation during construction activities due to stress, fugitive dust and physical hazards) which should occur for people adjacent to excavation areas of the Storm Drain Replacement Project. These recommendations were implemented.

Completed Activities

Date Completed: 11/9/1995
Document Type: Amendment - Order/Agreement

Area Name:
Sub Area:
Title: Third Amendment
Area Link:
Sub Area Link:
Title Link: http://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=41650007&enforcement_id=5003428
Comments: ORDER - OM - I&SE amended to include all requirements for O&M for Site.

Completed Activities

Date Completed: 10/4/1995
Document Type: Consent Settlement - Administrative
Area Name:
Sub Area:
Title: Settlement Agreement with the United States
Area Link:
Sub Area Link:
Title Link: http://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=41650007&enforcement_id=6008376
Comments:

Completed Activities

Date Completed: 8/13/1993
Document Type: Remedial Action Plan
Area Name:
Sub Area:
Title: Remedial Action Plan
Area Link:
Sub Area Link:
Title Link: http://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=41650007&doc_id=5003432
Comments: RAP approved which requires capping in place with either 2 feet of clean soil, concrete or asphalt. Cleanup level is 10 parts per million total PAHs.

Completed Activities

Date Completed: 3/31/1991
Document Type: Public Participation Plan / Community Relations Plan
Area Name:
Sub Area:
Title: Public Participation Plan / Community Relations Plan
Area Link:
Sub Area Link:
Title Link:
Comments:

Completed Activities

Date Completed: 6/2/2010
Document Type: Fact Sheets
Area Name:
Sub Area:
Title: Fact Sheet for Community Center Project
Area Link:
Sub Area Link:
Title Link: http://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=41650007&doc_id=60193985
Comments: Fact Sheet describing Community Center project work.

Completed Activities

Date Completed: 3/14/2008
Document Type: Land Use Restriction - Site Inspection/Visit
Area Name:
Sub Area:

Title: 2007 Annual Site Inspection Report
Area Link:
Sub Area Link:
Title Link: http://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=41650007&enforcement_id=6009498
Comments: The Cap appears to be in good shape. Though cracks were observed in some of the concrete patios and walkways, no soil was exposed in these areas. Cleaning and sealing of cracks and joints should be conducted to prevent the crack from growing and to prevent vegetation from growing in the crack/joint. The Land Use Covenant should be modified to include the areas remediated in 2001 where contamination potentially remains under building foundations and patios

Completed Activities

Date Completed: 6/28/2006
Document Type: Land Use Restriction - Site Inspection/Visit
Area Name:
Sub Area:
Title: 2006 Annual Inspection Report
Area Link:
Sub Area Link:
Title Link: http://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=41650007&enforcement_id=6009497
Comments:

Completed Activities

Date Completed: 11/28/2005
Document Type: Consent Settlement - Administrative
Area Name:
Sub Area:
Title: Settlement Agreement
Area Link:
Sub Area Link:
Title Link: http://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=41650007&enforcement_id=6008353
Comments: Settlement Agreement signed for past costs.

Completed Activities

Date Completed: 8/10/2001
Document Type: Design/Implementation Workplan
Area Name:
Sub Area:
Title: Remedial or Removal Design
Area Link:
Sub Area Link:
Title Link: http://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=41650007&doc_id=5003423
Comments: DES - Approved Design for the excavation of areas identified in the July 2001 Explanation of Significant Differences..

Completed Activities

Date Completed: 6/1/2001
Document Type: Fact Sheets
Area Name:
Sub Area:
Title: Fact Sheet For Draft ESD to RAW
Area Link:
Sub Area Link:
Title Link: http://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=41650007&doc_id=6011306
Comments: Fact Sheet for Draft Explanation of Significant Differences

Completed Activities

Date Completed: 3/28/2000
Document Type: Remedial Investigation Report

Area Name:
Sub Area:
Title: University of California - PEER Review - Midway Village Soil Sampling Plan
Area Link:
Sub Area Link:
Title Link: http://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=41650007&doc_id=6008889
Comments: PEER review of draft sampling plan for additional soil samples at Midway Village

Completed Activities

Date Completed: 6/21/1999
Document Type: Remedial Investigation Report
Area Name:
Sub Area:
Title: Health Consultation - Midway Village Site
Area Link:
Sub Area Link:
Title Link: http://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=41650007&doc_id=6008886
Comments: ATSDR Report - This consultation looked at the results of DNA testing data which was provided to ATSDR. The report concluded: 1- The DNA data are inadequate to assess current levels of exposure to PAHs at the site, 2- The DNA data cannot be used to predict adverse health effects for individuals living at Midway Village, and 3 - ATSDR is not currently aware of any human biomarkers that can adequately assess potential health outcomes as a result of exposure to low levels of PAHs in the environment.

Completed Activities

Date Completed: 11/6/1995
Document Type: Operations and Maintenance Plan
Area Name:
Sub Area:
Title: Operation and Maintenance Plan
Area Link:
Sub Area Link:
Title Link:
Comments: Operation and Maintenance Plan attached to Imminent and Substantial Endangerment Order Amendment 3.

Completed Activities

Date Completed: 6/1/1990
Document Type: Remedial Investigation Report
Area Name:
Sub Area:
Title: Final Data Report - Midway Village Sample Results
Area Link:
Sub Area Link:
Title Link: http://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=41650007&doc_id=6010640
Comments: Report found elevated levels of PAHs in surface soils

Completed Activities

Date Completed: 3/10/2017
Document Type: Correspondence
Area Name:
Sub Area:
Title: Change of PM Notification
Area Link:
Sub Area Link:
Title Link: http://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=41650007&enforcement_id=60424616
Comments: Change of DTSC project manager notification sent to project proponent.

Completed Activities

Date Completed: 10/27/2015

Document Type: Technical Workplan
Area Name:
Sub Area:
Title: Affordale Housing Plan for the Roberson Intermediate School Redevelopment Application
Area Link:
Sub Area Link:
Title Link: http://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=41650007&doc_id=60400767
Comments:

Completed Activities

Date Completed: 10/14/2016
Document Type: Land Use Restriction - Site Inspection/Visit
Area Name:
Sub Area:
Title: 2016 Annual LUC Site Inspection
Area Link:
Sub Area Link:
Title Link: http://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=41650007&enforcement_id=60318597
Comments:

Completed Activities

Date Completed: 3/19/2006
Document Type: Operations and Maintenance Report
Area Name:
Sub Area:
Title: Housing Authority Memo regarding water line break
Area Link:
Sub Area Link:
Title Link: http://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=41650007&doc_id=60191668
Comments: Follow up memo to January 2006 water line break. Actual date of Memo March 19, 2006. All paving was completed February 19, 2006.

Completed Activities

Date Completed: 1/26/2006
Document Type: Land Use Restriction - Site Inspection/Visit
Area Name:
Sub Area:
Title: Follow up visit for Water Line Break
Area Link:
Sub Area Link:
Title Link: http://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=41650007&enforcement_id=60191643
Comments: Follow up visit for water line break on Cypress Lane.

Completed Activities

Date Completed: 6/20/2005
Document Type: Land Use Restriction - Site Inspection/Visit
Area Name:
Sub Area:
Title: 2005 DTSC Annual Site Inspection
Area Link:
Sub Area Link:
Title Link: http://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=41650007&enforcement_id=6010015
Comments: Upon observing the current site conditions, DTSC concludes that the implemented remedial action remains adequately protective of human health and the environment. Impacted soil remains under the asphalt concrete cap and landscaped areas, which are in good shape and remain protective. However, minor cracks in the concrete should be repaired and the lawn areas should be regularly watered to prevent vegetation from drying out.

Completed Activities

Date Completed: 4/30/2003
Document Type: Remedial Investigation Report
Area Name:
Sub Area:
Title: Indoor Air Monitoring Report
Area Link:
Sub Area Link:
Title Link: http://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=41650007&doc_id=6010963
Comments: Indoor air monitoring and fungal growth survey report approved. DTSC determined that no further action by DTSC is necessary.

Completed Activities

Date Completed: 8/13/1993
Document Type: CEQA - Initial Study/ Neg. Declaration
Area Name:
Sub Area:
Title: CEQA
Area Link:
Sub Area Link:
Title Link:
Comments: RAP - MIDWA - Approved RAP which required a combination of soil removal and capping in the Cypress Lane area of Midway Village.

Completed Activities

Date Completed: 7/24/1992
Document Type: Final Determination of Non-Compliance
Area Name:
Sub Area:
Title: Final Determination of non-compliance
Area Link:
Sub Area Link:
Title Link: http://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=41650007&enforcement_id=5003436
Comments: FDNC - Issued Final Determination of Non-compliance to the U.S. Navy and U.S. Department of Housing and Urban Development.

Completed Activities

Date Completed: 3/11/2014
Document Type: Soils Management Plan
Area Name:
Sub Area:
Title: Landscape Renovation Plan
Area Link:
Sub Area Link:
Title Link: http://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=41650007&doc_id=60354169
Comments:

Completed Activities

Date Completed: 4/9/2013
Document Type: Public Notice
Area Name:
Sub Area:
Title: Post Five-Year Review Report Public Notice
Area Link:
Sub Area Link:
Title Link: http://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=41650007&doc_id=60306046
Comments:

Completed Activities

Date Completed: 8/9/2010
Document Type: Land Use Restriction - Site Inspection/Visit
Area Name:
Sub Area:
Title: 2010 Annual LUC Site Inspection
Area Link:
Sub Area Link:
Title Link: http://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=41650007&enforcement_id=6016882
Comments: Annua cap inspection conducted on June 17, 2010. Two areas of follow up are required: Large gap between concrete between building 28 and 34 and update of the land use covenant to match 2001 cleanup.

Completed Activities

Date Completed: 7/16/2001
Document Type: Final Determination of Non-Compliance
Area Name:
Sub Area:
Title: Final Determination of non-compliance
Area Link:
Sub Area Link:
Title Link: http://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=41650007&enforcement_id=5003421
Comments: FDNC - DTSC found the responsible parties in non compliance with the order amendment dated April 11, 2001.

Completed Activities

Date Completed: 4/8/1999
Document Type: Remedial Investigation Report
Area Name:
Sub Area:
Title: Health Consultation - Midway Village Site
Area Link:
Sub Area Link:
Title Link: http://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=41650007&doc_id=6008887
Comments: ATSDR Health Consultation - This consultation looked at three issues: 1 - was the site adequately characterized prior to the 1994 cleanup, 2 - were past cleanups protective and 3 - is additional sampling required. The report recommended additional sampling but concluded that the capping and the 10 ppm total PAH cleanup goal were protective. The recommendations for the additional sampling were implemented in 2000.

Completed Activities

Date Completed: 6/30/1993
Document Type: Remedial Investigation Report
Area Name:
Sub Area:
Title: Remedial Investigation / Feasibility Study
Area Link:
Sub Area Link:
Title Link: http://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=41650007&doc_id=5003434
Comments: Remedial Investigation report approved which identified polynuclear aromatic hydrocarbons as the chemical of concern in soils at the site. Groundwater is not impacted.

Completed Activities

Date Completed: 7/21/1992
Document Type: Amendment - Order/Agreement
Area Name:
Sub Area:
Title: First Amendment
Area Link:
Sub Area Link:
Title Link: http://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=41650007&enforcement_id=5003437
Comments: ORDER - AMEND - Amended I&SE to include Bayshore Park and Day Care Center in area to be sampled for RI/FS.

Completed Activities

Date Completed: 10/31/1990
Document Type: Engineering Evaluation / Cost Analysis - Time Critical
Area Name:
Sub Area:
Title: Engineering Evaluation / Cost Analysis
Area Link:
Sub Area Link:
Title Link:
Comments:

Completed Activities

Date Completed: 9/16/2014
Document Type: Land Use Restriction - Site Inspection/Visit
Area Name:
Sub Area:
Title: Annual LUC Site Inspection
Area Link:
Sub Area Link:
Title Link: http://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=41650007&enforcement_id=60318595
Comments:

Completed Activities

Date Completed: 12/24/2012
Document Type: Land Use Restriction - Site Inspection/Visit
Area Name:
Sub Area:
Title: 2012 Annual LUC Site Inspection
Area Link:
Sub Area Link:
Title Link: http://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=41650007&enforcement_id=6016884
Comments: The implemented remedial action remains adequately protective of human health and the environment. Impacted soil remains under the soil cap and asphalt basketball court, which are in good shape and remain protective. There were no signs of grading or settlement.

Completed Activities

Date Completed: 4/11/2008
Document Type: Public Notice
Area Name:
Sub Area:
Title: Public Notice for Final Five Year Review
Area Link:
Sub Area Link:
Title Link: http://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=41650007&doc_id=6018840
Comments: Public notice

Completed Activities

Date Completed: 5/13/2003
Document Type: Certification
Area Name:
Sub Area:
Title: Certification
Area Link:
Sub Area Link:
Title Link: http://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=41650007&enforcement_id=5003429
Comments: Certified Site. All remedial activities had been completed. Ongoing operation and maintenance of the capped areas will be conducted by the San Mateo County Housing Authority. The capped areas will require periodic inspection to ensure that they remain protective.

Completed Activities

Date Completed: 11/22/2002
Document Type: Remedial Action Completion Report
Area Name:
Sub Area:
Title: Remedial Action Completion or Implementation
Area Link:
Sub Area Link:
Title Link: http://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=41650007&doc_id=5003424
Comments: RMDL - Completed Remedial Action. In each area where contamination above the new cleanup levels was found in the top two feet, soil was removed and replaced with clean fill. Some areas within Midway Village were excavated to five feet, if contaminants had been found at depth in the area. The contaminated soil was disposed at an appropriate off-site disposal facility. Approximately 2,800 cubic yards of soil was removed from Midway Village. Soil remaining in place was sampled to determine what levels of PAHs were still in soil to determine if additional removal of soil was necessary. Materials to be used as backfill were sampled to make sure they did not contain elevated chemical concentrations. Other activities were included in the remediation. Landscaping and irrigation were replaced. Fences, walls and small backyard patios that had been removed as part of the field activities were restored. The patios now cover the entire backyard areas. Cypress Lane and Cypress Court were repaved. The walkway between Midway Drive and Linda Vista Drive was also paved. Removable traffic barriers were installed near the ends of the walkway to control traffic. A new playground was installed near the Midway Village Housing Office. Units near the excavations were cleaned by a professional cleaning service. Expansion joints in the capped patios along Cypress Lane and Cypress Court were cleaned and resealed. Two groundwater-monitoring wells on Midway Village were abandoned. In June 2002, DTSC also conducted indoor and outdoor air sampling for PAHs in five vacant residential units, the Midway Village Housing Office and 3 schools. All concentrations of PAHs found in both indoor and outdoor air were at or below the mean concentrations found by the California Air Resources Board for Northern California. All the concentrations were also below the US EPA screening levels for air.

Completed Activities

Date Completed: 7/13/2001
Document Type: CEQA - Initial Study/ Neg. Declaration
Area Name:
Sub Area:
Title: Initial Study/Negative Declaration for Midway Village/Bayshore Park Explanation of Significant Differences
Area Link:
Sub Area Link:
Title Link: http://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=41650007&enforcement_id=6009078
Comments: Final Intial Study & Negative Declaration for the Explanation of Significant Differences for Midway Village and Bayshore Park.

Completed Activities

Date Completed: 7/13/2001
Document Type: Remedial Action Plan w/ESD
Area Name:
Sub Area:
Title: Explanation of Significant Differences - Midway Village
Area Link:
Sub Area Link:
Title Link: http://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=41650007&doc_id=5003425
Comments: RAP - ESD - Approved Explanation of Significant Difference (ESD). DTSC has determined to increase the soil cap from two feet, where feasible based on the location of underground utilities, in the areas where contaminants had been found at depth. The remedial goal has also been updated to be consistent with current methodology and has been set at 0.9 milligrams/kilogram (parts per million, ppm) benzo(a)pyrene equivalents. Based on the additional depth of the clean soil buffer and the revised cleanup goals, approximately 3,000 cubic yards of soil containing polycyclic aromatic hydrocarbon (PAH) contamination has been encountered at the site that will require excavation and offsite disposal.

Completed Activities

Date Completed: 3/21/1994
Document Type: Remedial Action Completion Report
Area Name:
Sub Area:

Title: Final Remedial Action
Area Link:
Sub Area Link:
Title Link: http://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=41650007&doc_id=5003430
Comments: FRA - MIDWA - Completed Final Remedial Action. Cap construction completed. Capped areas were either paved with asphalt (parking areas) or concrete or two feet of clean soil and ornamental landscaping or sod. Raised planter beds containing clean soil were also constructed. During implementation, 18 pre-excavation, 24 post-excavation and 4 confirmation samples were taken. All excavated soils were disposed offsite. In response to concerns that the remedy may not have covered entire area of concern, additional samples were required to be taken in the entire Midway Village Complex. The sampling was conducted in June 2000 and May 2001.

Completed Activities

Date Completed: 9/1/1992
Document Type: Fact Sheets
Area Name:
Sub Area:
Title: Fact Sheet - Investigation Results
Area Link:
Sub Area Link:
Title Link: http://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=41650007&doc_id=6013653
Comments: Fact Sheet - covers history and past testing conducted on site.

Completed Activities

Date Completed: 12/16/1991
Document Type: Unilateral Order (I/SE, RAO, CAO, EPA AO)
Area Name:
Sub Area:
Title: Imminent and/or Substantial Endangerment and Remedial Action Order
Area Link:
Sub Area Link:
Title Link: http://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=41650007&enforcement_id=5003440
Comments: ORDER - I&SE - Issued I&SE Order naming PG&E, US Navy, and US Department of Housing and Urban Development (HUD).

Completed Activities

Date Completed: 9/15/2011
Document Type: Land Use Restriction - Site Inspection/Visit
Area Name:
Sub Area:
Title: 2011 Annual LUC Site Inspection
Area Link:
Sub Area Link:
Title Link: http://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=41650007&enforcement_id=6016883
Comments: Cap continues to be protective.

Completed Activities

Date Completed: 7/5/2011
Document Type: Correspondence
Area Name:
Sub Area:
Title: E-mail regarding Section 8 Vouchers
Area Link:
Sub Area Link:
Title Link: http://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=41650007&enforcement_id=60270626
Comments: E-mail from San Mateo Copunty Housing Authority regarding Section 8 Vouchers.

Completed Activities

Date Completed: 11/23/2010

Document Type: Land Use Restriction
Area Name:
Sub Area:
Title: Additional Land Use Covenant for Midway Village
Area Link:
Sub Area Link:
Title Link: http://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=41650007&enforcement_id=6012861
Comments: Additional land use restriction recorded

Completed Activities

Date Completed: 6/30/2010
Document Type: Fieldwork
Area Name:
Sub Area:
Title: Community Center Project Fieldwork
Area Link:
Sub Area Link:
Title Link:
Comments: Fieldwork completed all oil and concrete shipped offsite

Completed Activities

Date Completed: 10/6/2009
Document Type: Land Use Restriction - Site Inspection/Visit
Area Name:
Sub Area:
Title: 2009 DTSC Annual Site Inspection and Report
Area Link:
Sub Area Link:
Title Link: http://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=41650007&enforcement_id=6012955
Comments: The Cap appears to be in good shape. The Land Use Covenant should be modified to include the areas remediated in 2001 where contamination potentially remains under building foundations and patios

Completed Activities

Date Completed: 9/11/2008
Document Type: Land Use Restriction - Site Inspection/Visit
Area Name:
Sub Area:
Title: 2008 Annual Site Inspection
Area Link:
Sub Area Link:
Title Link: http://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=41650007&enforcement_id=6012176
Comments: The Cap appears to be in good shape. Though cracks were observed in some of the concrete patios and walkways, no soil was exposed in these areas. Cleaning and sealing of cracks and joints should be conducted to prevent the crack from growing and to prevent vegetation from growing in the crack/joint.

The Land Use Covenant should be modified to include the areas remediated in 2001 where contamination potentially remains under building foundations and patios

Completed Activities

Date Completed: 1/24/2008
Document Type: Fact Sheets
Area Name:
Sub Area:
Title: Fact Sheet for Draft 5-Year Review
Area Link:
Sub Area Link:
Title Link: http://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=41650007&doc_id=6018101
Comments: Fact Sheet for Draft Five Year Review - Mailed 1/28/2008

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Completed Activities

Date Completed: 6/19/2006
Document Type: Remedial Action Completion Report
Area Name:
Sub Area:
Title: Letter regarding Concrete/Expansion Joint Repairs
Area Link:
Sub Area Link:
Title Link: http://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=41650007&doc_id=6011671
Comments: Cap repairs completed on May 12, 2006.

Completed Activities

Date Completed: 4/30/2003
Document Type: Fact Sheets
Area Name:
Sub Area:
Title: Midway Village/Bayshore Park Fact Sheet
Area Link:
Sub Area Link:
Title Link: http://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=41650007&doc_id=6008891
Comments: Fact Shee summarizing Final Remedial/Removal Actions at Midway Village and Bayshore Park and discussing the results of indoor air sampling.

26	1 of 1	NE	0.96 / 5,064.57	20.48 / -206	SOUTH LEVINSON PARCEL MAIN STREET & BAYSHORE BOULEVARD BRISBANE CA 94014	ENVIROSTOR

Estor/EPA ID: 41990004
Facility Type: VOLUNTARY CLEANUP
Site Code: 201448
Program Type 2:
Special Program: VOLUNTARY CLEANUP PROGRAM
Nat Priority List: NO
Funding: SITE PROPONENT
Assembly District: 22
Senate District: 13
School District:
County: SAN MATEO
Latitude: 37.7
Longitude: -122.408888888889
Acres: 21.82 ACRES
Office: CLEANUP BERKELEY
Census Tract: 6081600100
Permit Renewal Lead:
Project Manager: JAYANTHA RANDENI
Pub Partici Spec:
Supervisor: KAREN TOTH
Site Type: VOLUNTARY CLEANUP
Cleanup Status: NO FURTHER ACTION AS OF 1/28/2003
Clean Up Oversight Agency: DTSC - SITE CLEANUP PROGRAM - LEAD AGENCY
Cause of Contamination: AGRICULTURAL - LIVESTOCK
Potential Media Affected: NO MEDIA AFFECTED
APN: 005-014-090
Potential Contaminants:

NO CONTAMINANTS FOUND

Site History:

The site is an undeveloped land at the southwest corner of the intersection of Main Street and Bayshore Blvd in Brisbane, California. A portion of the site is currently used for the boarding of horses. The site is sloped, located on the northeast flank of Mount San Bruno at an elevation of approximately 25 feet above mean sea level. Immediately to the northwest of the site, across Main Street, is the PG & E Martin Service Center. Historical aerials and City of Brisbane building files indicate that the northwestern portion of the site was historically used as a dairy farm, since at least 1935. Starting in 1955, portions of the former barns associated with the dairy were gradually removed. Since 1992, the only use of the property has been for the boarding of horses. The only other features on the property have included water storage tanks and an above ground pipeline owned by the City and County of San Francisco.

Program Type: VOLUNTARY CLEANUP
Status: NO FURTHER ACTION
Cal Enviro Score: 71-75%
Summary Link: http://www.envirostor.dtsc.ca.gov/public/profile_report?global_id=41990004

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Completed Activities

Date Completed: 7/23/2002
Area Name:
Sub Area:
Title: VCA
Area Link:
Sub Area Link:
Title Link: http://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=41990004&enforcement_id=5003733
Document Type: Voluntary Cleanup Agreement
Comments: VCA signed with Loma Verde Properties for review of a PEA.

Date Completed: 1/28/2003
Area Name:
Sub Area:
Title: VCA Complete
Area Link:
Sub Area Link:
Title Link:
Document Type: *Voluntary Cleanup Agreement Completion
Comments:

Date Completed: 1/28/2003
Area Name:
Sub Area:
Title: No further Action Letter
Area Link:
Sub Area Link:
Title Link: http://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=41990004&doc_id=6009099
Document Type: Preliminary Endangerment Assessment Report
Comments: Very low concentrations of toluene (maximum of 0.049 parts per million [ppm]), ethylbenzene (maximum of 0.021 ppm) and xylenes (maximum of 0.15 ppm) have been found in shallow soils at the site. All but one sample collected from the northern edge of the property and analyzed for polynuclear aromatic hydrocarbons (PNAs) contained no detectable PNAs. The one detection of total PNAs was 0.006 ppm. A maximum concentration of 48 ppm total lead was also found at the site. No detectable concentrations of benzene, TPH gasoline, MTBE or PCBs were found in the samples analyzed from the site. DTSC determined that no further action was necessary for this site.

27	1 of 2	NNE	0.99 / 5,240.72	23.08 / -203	**BAYSHORE PARK** **47 MIDWAY DRIVE** **DALY CITY CA 94014**	ENVIROSTOR

Estor/EPA ID: 41990001
Facility Type: STATE RESPONSE OR NPL
Site Code: 201834
Program Type 2:
Special Program:
Nat Priority List: NO
Funding: ORPHAN FUNDS
Assembly District: 19
Senate District: 11
School District:
County: SAN MATEO
Latitude: 37.7023417404612
Longitude: -122.412649593443
Acres: 3.8 ACRES
Office: CLEANUP BERKELEY
Census Tract: 6081600200
Permit Renewal Lead:
Project Manager: KIMBERLY WALSH
Pub Partici Spec:
Supervisor: JULIE PETTIJOHN
Site Type: STATE RESPONSE OR NPL
Cleanup Status: CERTIFIED O&M - LAND USE RESTRICTIONS ONLY AS OF 5/13/2003
Clean Up Oversight Agency: DTSC - SITE CLEANUP PROGRAM - LEAD AGENCY
Cause of Contamination: MANUFACTURED GAS PLANT
Potential Media Affected: SOIL
APN: 005-330-330, 005-330-390, 005330330, 005330390
Potential Contaminants:

POLYNUCLEAR AROMATIC HYDROCARBONS (PAHS)

Site History:

This site is a public park which is owned by the City of Daly City. The site is adjacent to the PG&E Martin Service Center, the Midway Village public housing project owned by San Mateo County Housing Authority and a day care center owned by the Bayshore Elementary School District. In the past, the site was a part of a military housing facility built during World War II by the U.S. Government. During construction of military housing, soil contaminated with gas plant residues from the PG&E property was used as fill on approximately 20 acres. This soil contained polycyclic aromatic

hydrocarbons (PAHs). In 1955, the U.S. Government sold this property to the San Mateo Housing Authority. In 1977, the Housing Authority sold 10 acres to the City of Daly City. Daly City constructed a public park containing a playground and a baseball diamond. Subsequent to March 31, 1979, PG&E constructed an earthen berm containing gas plant residues on the boundary between the PG&E Martin Service Center and Bayshore Park. The site is located in the San Francisco Bay drainage basin and was subject to severe erosion and drainage problems. Work conducted as part of a 1999 drainage project replaced existing storm water pipes with a much larger box culvert. No reports of flooding have occurred since this work was completed.

Program Type: STATE RESPONSE
Status: CERTIFIED O&M - LAND USE RESTRICTIONS ONLY - LAND USE RESTRICTIONS
Cal Enviro Score: 66-70%
Summary Link: http://www.envirostor.dtsc.ca.gov/public/profile_report?global_id=41990001

Land Use Restrictions

Covenant: http://www.envirostor.dtsc.ca.gov/public/view_document?docurl=/public/deliverable_documents/2221509635/SMBR%5FDEED%5F41990001%2Epdf
Title: Deed Restriction / Land Use Covenant
Area:
Sub Area:
Date Recorded: 10/17/2002
Site Management Requirements: ACTIVITIES PROHIBITED WHICH DISTURB THE REMEDY AND MONITORING SYSTEMS WITHOUT APPROVAL
DAY CARE CENTER PROHIBITED
ELDER CARE CENTER PROHIBITED
HOSPITAL USE PROHIBITED
NOTIFY AFTER CHANGE OF PROPERTY OWNER
NOTIFY DAMAGES TO REMEDY AND MONITORING SYSTEMS UPON DISCOVERY
NOTIFY PRIOR TO SUBSURFACE WORK
PERFORM H&S PLAN PRIOR TO SUBSURFACE WORK
PUBLIC OR PRIVATE SCHOOL FOR PERSONS UNDER 21 PROHIBITED
RAISING OF FOOD PROHIBITED
REQUIRES SURFACE COVERS
RESIDENCE USE PROHIBITED

Future Activities

Due Date: 2018
Area Name:
Sub Area:
Document Type: Public Notice
Sub Area Link:

Due Date: 2018
Area Name:
Sub Area:
Document Type: 5 Year Review Reports
Sub Area Link:

Completed Activities

Date Completed: 11/20/2012
Area Name:
Sub Area:
Title: Pre Five-Year Review Report Public Notice
Area Link:
Sub Area Link:
Title Link: http://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=41990001&doc_id=60306063
Document Type: Public Notice
Comments: The public notice will be placed in the San Mateo Times to inform the community that the Five-Year Review Reports have been completed. The Public Notice will also be mailed to the mailing list maintained for these Sites.

Date Completed: 9/15/2011
Area Name:
Sub Area:
Title: 2011 Annual LUC Site Inspection

Area Link:
Sub Area Link:
Title Link: http://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=41990001&enforcement_id=6016885
Document Type: Land Use Restriction - Site Inspection/Visit
Comments: Upon observing the current site conditions, DTSC concludes that the implemented remedial action remains adequately protective of human health and the environment. Impacted soil remains under the soil cap and asphalt basketball court, which are in good shape and remain protective. There were no signs of grading or settlement. Lawn areas should be irrigated more frequently and areas with dead grass should be re-seeded to ensure the integrity of the soil cap is maintained. The area near the backstop needs to be refilled with clean soil and brought up to grade.

Date Completed: 6/28/2006
Area Name:
Sub Area:
Title: 2006 Annual Inspection Report
Area Link:
Sub Area Link:
Title Link: http://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=41990001&enforcement_id=6009495
Document Type: Land Use Restriction - Site Inspection/Visit
Comments: Inspection complete - no significant problems with cap observed. Area is still a public park.

Date Completed: 10/17/2002
Area Name:
Sub Area:
Title: Deed Restriction / Land Use Covenant
Area Link:
Sub Area Link:
Title Link: http://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=41990001&enforcement_id=5003940
Document Type: Land Use Restriction
Comments: DEED - Recorded Deed Restriction on the Park to ensure that its use remains consistent with the approved remedy.

Date Completed: 1/24/2008
Area Name:
Sub Area:
Title: Fact Sheet for Draft 5-Year Review
Area Link:
Sub Area Link:
Title Link: http://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=41990001&doc_id=6018103
Document Type: Fact Sheets
Comments: Fact Sheet for Draft 5-Year Review - Mailed 1/28/2008

Date Completed: 7/20/1998
Area Name:
Sub Area:
Title: Bayshore Park Negative Declaration
Area Link:
Sub Area Link:
Title Link: http://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=41990001&enforcement_id=6009109
Document Type: CEQA - Initial Study/ Neg. Declaration
Comments: Negative Declaration for PG&E Martin Service Center Operable Unit 2 Remedial Action Plan and Bayshore Park Removal Action Workplan.

Date Completed: 3/17/2008
Area Name:
Sub Area:
Title: Bayshore Park 5-Year Review
Area Link:
Sub Area Link:
Title Link: http://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=41990001&doc_id=6013331
Document Type: 5 Year Review Reports
Comments: Upon observing the current site conditions, DTSC concludes that the implemented remedial action remains adequately protective of human health and the environment. Impacted soil remains under the two foot soil cap, which is in good shape and remains protective. Lawn areas should be irrigated more frequently and areas with dead grass should be re-seeded to ensure the integrity of the soil cap is maintained.

Date Completed: 8/10/2001
Area Name:
Sub Area:

Title: Remedial or Removal Design
Area Link:
Sub Area Link:
Title Link: http://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=41990001&doc_id=5003941
Document Type: Removal Action Design
Comments: DES - Approved design and implementation action plan for removal action in Bayshore Park.

Date Completed: 4/1/2003
Area Name:
Sub Area:
Title: Fact Sheet - Midway Village/Bayshore Park Project Update
Area Link:
Sub Area Link:
Title Link: http://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=41990001&doc_id=6011309
Document Type: Fact Sheets
Comments: Project Update

Date Completed: 4/27/2001
Area Name:
Sub Area:
Title: Removal Action Completion Report
Area Link:
Sub Area Link:
Title Link: http://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=41990001&doc_id=5003724
Document Type: Removal Action Completion Report
Comments: RA - PIPE - Completed RA. The RA consisted of soil removal and management for the portion of the storm drain improvement project which occurred in Bayshore Park.

Date Completed: 10/21/2015
Area Name:
Sub Area:
Title: 2015 Annual LUC Site Inspection
Area Link:
Sub Area Link:
Title Link: http://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=41990001&enforcement_id=60334322
Document Type: Land Use Restriction - Site Inspection/Visit
Comments:

Date Completed: 10/6/2009
Area Name:
Sub Area:
Title: 2009 DTSC Annual Site Inspection and Report
Area Link:
Sub Area Link:
Title Link: http://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=41990001&enforcement_id=6013050
Document Type: Land Use Restriction - Site Inspection/Visit
Comments: Upon observing the current site conditions, DTSC concludes that the implemented remedial action remains adequately protective of human health and the environment. Impacted soil remains under the soil cap and asphalt basketball court, which are in good shape and remain protective. There were no signs of grading or settlement. Lawn areas should be irrigated more frequently and areas with dead grass should be re-seeded to ensure the integrity of the soil cap is maintained.

Date Completed: 2/24/1999
Area Name:
Sub Area:
Title: Soil Quality Evaluation
Area Link:
Sub Area Link:
Title Link: http://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=41990001&doc_id=6010661
Document Type: Remedial Investigation Report
Comments: Data Report documenting location of PAH contaminated soils at Bayshore

Date Completed: 7/20/1998
Area Name:
Sub Area:
Title: Responsiveness Summary for PG&E OU2 Draft RAP and Bayshore Park Draft RAW
Area Link:
Sub Area Link:
Title Link: http://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=41990001&doc_id=6010879

Document Type: Other Report
Comments: Responsiveness Summary for PG&E Martin Service Center Operable Unit 2 Draft Remedial Action Plan and Bayshore Park Draft Removal Action Workplan.

Date Completed: 9/22/2017
Area Name:
Sub Area:
Title: Annual Site Inspection By DTSC
Area Link:
Sub Area Link:
Title Link: http://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=41990001&enforcement_id=60422212
Document Type: Land Use Restriction - Site Inspection/Visit
Comments: Annual inspection for 2017 was completed by DTSC staff on September 8, 2017. No violations of the Land Use Covenant entered into by Daly City and DTSC were observed.

Date Completed: 1/23/2008
Area Name:
Sub Area:
Title: Public Notice for Draft 5-Year Review
Area Link:
Sub Area Link:
Title Link: http://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=41990001&doc_id=6018104
Document Type: Public Notice
Comments: Public notice to run in the San Mateo County Times on January 30, 2008

Date Completed: 10/11/2012
Area Name:
Sub Area:
Title: Annual Cost Estimate letter for 2012/13
Area Link:
Sub Area Link:
Title Link: http://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=41990001&enforcement_id=60306263
Document Type: Annual Oversight Cost Estimate
Comments: Annual cost estimate.

Date Completed: 3/14/2008
Area Name:
Sub Area:
Title: 2007 DTSC Cap Site Inspection and Report
Area Link:
Sub Area Link:
Title Link: http://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=41990001&enforcement_id=6009496
Document Type: Land Use Restriction - Site Inspection/Visit
Comments: Upon observing the current site conditions, DTSC concludes that the implemented remedial action remains adequately protective of human health and the environment. Impacted soil remains under the soil cap and asphalt basketball court, which are in good shape and remain protective. There were no signs of grading or settlement. Lawn areas should be irrigated more frequently and areas with dead grass should be re-seeded to ensure the integrity of the soil cap is maintained.

Date Completed: 4/11/2001
Area Name:
Sub Area:
Title: Fourth Amendment
Area Link:
Sub Area Link:
Title Link: http://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=41990001&enforcement_id=5003943
Document Type: Amendment - Order/Agreement
Comments: ORDER - AMEND - Amended Order to require additional removal actions.

Date Completed: 7/13/2001
Area Name:
Sub Area:
Title: Explanation of Significant Differences
Area Link:
Sub Area Link:
Title Link: http://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=41990001&doc_id=5003944
Document Type: Remedial Action Plan w/ESD
Comments: RAW - ESD - Approved Explanation of Significant Differences to the 1998 RAW requiring excavation of the top two feet of soil across the entire park.

Date Completed: 3/10/2017
Area Name:
Sub Area:
Title: Change of PM Notification
Area Link:
Sub Area Link:
Title Link: http://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=41990001&enforcement_id=60424615
Document Type: Correspondence
Comments: Change of DTSC project manager notification sent to project proponent.

Date Completed: 7/16/2001
Area Name:
Sub Area:
Title: Final Determination of non-compliance
Area Link:
Sub Area Link:
Title Link: http://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=41990001&enforcement_id=5003942
Document Type: Final Determination of Non-Compliance
Comments: FDNC - DTSC issued a final determination of non-compliance with the April 11, 2001 order amendment.

Date Completed: 7/13/2001
Area Name:
Sub Area:
Title: Midway Village/Bayshore Park ESD Responsiveness Summary
Area Link:
Sub Area Link:
Title Link: http://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=41990001&doc_id=6010880
Document Type: Other Report
Comments: Responsiveness Summary for the Explanations of Significant Differences for Midway Village and Bayshore Park

Date Completed: 10/14/2016
Area Name:
Sub Area:
Title: 2016 Annual LUC Site Inspection
Area Link:
Sub Area Link:
Title Link: http://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=41990001&enforcement_id=60334323
Document Type: Land Use Restriction - Site Inspection/Visit
Comments:

Date Completed: 6/17/1999
Area Name:
Sub Area:
Title: Additional Soil Quality Evaluation for Bayshore Park
Area Link:
Sub Area Link:
Title Link: http://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=41990001&doc_id=6010881
Document Type: Remedial Investigation Report
Comments: Additional sampling to support Storm Drain Improvement Project.

Date Completed: 6/24/2015
Area Name:
Sub Area:
Title: Soil Management Plan
Area Link:
Sub Area Link:
Title Link: http://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=41990001&doc_id=60393618
Document Type: Soils Management Plan
Comments:

Date Completed: 7/15/2013
Area Name:
Sub Area:
Title: Bayshore Park Settlement Agreement
Area Link:
Sub Area Link:
Title Link: http://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=41990001&enforcement_id=60392777
Document Type: Correspondence

Comments:

Date Completed: 12/24/2012
Area Name:
Sub Area:
Title: 2012 Annual LUC Site Inspection
Area Link:
Sub Area Link:
Title Link: http://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=41990001&enforcement_id=6016886
Document Type: Land Use Restriction - Site Inspection/Visit
Comments:

Date Completed: 9/14/2011
Area Name:
Sub Area:
Title: Annual Oversight Cost Estimate
Area Link:
Sub Area Link:
Title Link: http://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=41990001&enforcement_id=60273237
Document Type: Annual Oversight Cost Estimate
Comments: Annual Cost Estimate letter.

Date Completed: 9/27/2016
Area Name:
Sub Area:
Title: Annual Cost Estimate letter for 2016/2017
Area Link:
Sub Area Link:
Title Link: http://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=41990001&enforcement_id=60414155
Document Type: Annual Oversight Cost Estimate
Comments:

Date Completed: 6/1/2001
Area Name:
Sub Area:
Title: Fact Sheet for Draft ESD to RAW
Area Link:
Sub Area Link:
Title Link: http://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=41990001&doc_id=6011307
Document Type: Fact Sheets
Comments: Fact Sheet for Draft Explanation of Significant Differences to RAW

Date Completed: 7/21/1992
Area Name:
Sub Area:
Title: First Amendment
Area Link:
Sub Area Link:
Title Link: http://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=41990001&enforcement_id=5003950
Document Type: Amendment - Order/Agreement
Comments: ORDER - AMEND - Amended I&SE Order for Midway Village to include Bayshore Park and DayCare Center in area to be sampled as part of the RI/FS.

Date Completed: 5/13/2003
Area Name:
Sub Area:
Title: Certification
Area Link:
Sub Area Link:
Title Link: http://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=41990001&enforcement_id=5003725
Document Type: Certification
Comments: CERT - Certified Site. Ongoing operation and maintenance consists of periodic inspections of the cap.

Date Completed: 9/15/2017
Area Name:
Sub Area:
Title: Annual Cost Estimate
Area Link:
Sub Area Link:

Title Link: http://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=41990001&enforcement_id=60429942
Document Type: Annual Oversight Cost Estimate
Comments: Annual Cost Estimate letter for activities occurring between July 1, 2017 and June 30, 2018 with DTSC oversight.

Date Completed: 9/16/2014
Area Name:
Sub Area:
Title: 2014 Annual LUC Site Inspection
Area Link:
Sub Area Link:
Title Link: http://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=41990001&enforcement_id=60334321
Document Type: Land Use Restriction - Site Inspection/Visit
Comments:

Date Completed: 9/11/2014
Area Name:
Sub Area:
Title: Annual Cost Estimate letter for 2014/2015
Area Link:
Sub Area Link:
Title Link: http://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=41990001&enforcement_id=60361946
Document Type: Annual Oversight Cost Estimate
Comments:

Date Completed: 9/22/2015
Area Name:
Sub Area:
Title: Annual Cost Estimate letter for 2015/2016
Area Link:
Sub Area Link:
Title Link: http://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=41990001&enforcement_id=60374806
Document Type: Annual Oversight Cost Estimate
Comments:

Date Completed: 9/26/2013
Area Name:
Sub Area:
Title: Annual Cost Estimate letter for 2013/2014
Area Link:
Sub Area Link:
Title Link: http://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=41990001&enforcement_id=60334352
Document Type: Annual Oversight Cost Estimate
Comments:

Date Completed: 8/9/2010
Area Name:
Sub Area:
Title: 2010 DTSC Annual Site Inspection and Report
Area Link:
Sub Area Link:
Title Link: http://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=41990001&enforcement_id=6016875
Document Type: Land Use Restriction - Site Inspection/Visit
Comments: Annual inspection of cap completed on June 17, 2010. The only area which requires follow up is near the baseball diamond where exposed clean dirt is seen. No contaminated soil is exposed.

Date Completed: 10/30/1990
Area Name:
Sub Area:
Title: I&SE Determination
Area Link:
Sub Area Link:
Title Link: http://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=41990001&enforcement_id=5003949
Document Type: Imminent and/or Subst. Endangerment Determination
Comments: ORDER - I&SE - Issued I&SE Determination. Housing Authority excavating contaminated soil to install drainage system without notifying DHS.

Date Completed: 3/12/2013
Area Name:
Sub Area:

Title: Second Five-Year Review Report
Area Link:
Sub Area Link:
Title Link: http://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=41990001&doc_id=6018595
Document Type: 5 Year Review Reports
Comments: Five-Year Review Report concludes that the implemented remedial action remains adequately protective of human health and the environment. Impacted soil remains under the soil cap or concrete/asphalt, which are in good shape and remain protective.

Date Completed: 4/22/1991
Area Name:
Sub Area:
Title: Removal Action Completion Report
Area Link:
Sub Area Link:
Title Link: http://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=41990001&doc_id=5003727
Document Type: Removal Action Completion Report
Comments: Completed Removal Action. 670-feet of chain link fence and gates were installed around the perimeter of Bayshore Park. The fence is ten feet high and the gates are locked so access is controlled.

Date Completed: 4/9/2013
Area Name:
Sub Area:
Title: Post Five-Year Review Report Public Notice
Area Link:
Sub Area Link:
Title Link: http://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=41990001&doc_id=60306065
Document Type: Public Notice
Comments:

Date Completed: 7/13/2001
Area Name:
Sub Area:
Title: Initial Study/Negative Declaration for MidwayVillage/Bayshore Park ESD
Area Link:
Sub Area Link:
Title Link: http://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=41990001&enforcement_id=6009079
Document Type: CEQA - Initial Study/ Neg. Declaration
Comments: Final Intial Study & Negative Declaration for the Explanation of Significant Differences for Midway Village and Bayshore Park.

Date Completed: 5/1/1998
Area Name:
Sub Area:
Title: Public Participation Plan Update
Area Link:
Sub Area Link:
Title Link: http://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=41990001&doc_id=6010883
Document Type: Public Participation Plan / Community Relations Plan
Comments: Public Participation Plan Update.

Date Completed: 12/16/1991
Area Name:
Sub Area:
Title: Imminent & Substantial Endangerment Determination and Order
Area Link:
Sub Area Link:
Title Link: http://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=41990001&enforcement_id=6008992
Document Type: Unilateral Order (I/SE, RAO, CAO, EPA AO)
Comments:

Date Completed: 9/11/2008
Area Name:
Sub Area:
Title: 2008 Annual Site Inspection
Area Link:
Sub Area Link:
Title Link: http://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=41990001&enforcement_id=6012177
Document Type: Land Use Restriction - Site Inspection/Visit

Comments: Upon observing the current site conditions, DTSC concludes that the implemented remedial action remains adequately protective of human health and the environment. Impacted soil remains under the soil cap and asphalt basketball court, which are in good shape and remain protective. There were no signs of grading or settlement. Lawn areas should be irrigated more frequently and areas with dead grass should be re-seeded to ensure the integrity of the soil cap is maintained.

Date Completed: 4/23/1993
Area Name:
Sub Area:
Title: Second Amendment
Area Link:
Sub Area Link:
Title Link: http://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=41990001&enforcement_id=5003947
Document Type: Amendment - Order/Agreement
Comments: ORDER - AMEND - Amended I&SE Order to add Housing Authority of San Mateo County and the City of Daly City as responsible parties.

Date Completed: 6/24/2005
Area Name:
Sub Area:
Title: 2005 DTSC Annual Inspection
Area Link:
Sub Area Link:
Title Link: http://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=41990001&enforcement_id=6010014
Document Type: Land Use Restriction - Site Inspection/Visit
Comments: Inspection complete - no significant problems with cap observed. Area is still a public park.

Date Completed: 11/22/2002
Area Name:
Sub Area:
Title: Midway Village/Bayshore Park Removal Action Completion Report
Area Link:
Sub Area Link:
Title Link: http://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=41990001&doc_id=5003945
Document Type: Removal Action Completion Report
Comments: RA - SOIL - Completed Removal Action. 12,261 cubic yards of contaminated soil was removed from the Park. Contaminated soils were disposed off-site at an appropriate landfill. The area was backfilled with at least two feet of clean soil. The entire Park was regraded to ensure proper drainage. Several new storm drains were also installed. The chain-link fence around the Day Care was replaced with a concrete block retaining wall topped by a 6-foot high chain link fence. A new playground was installed near the Midway Village Housing Office. A new baseball field backstop was installed and the original bleachers were returned. An expanded basketball court was constructed. One monitoring well and one deep artesian well were abandoned.

Date Completed: 1/14/2014
Area Name:
Sub Area:
Title: 2013 Annual LUC Site Inspection
Area Link:
Sub Area Link:
Title Link: http://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=41990001&enforcement_id=60306116
Document Type: Land Use Restriction - Site Inspection/Visit
Comments: The implemented remedial action remains adequately protective of human health and the environment. Impacted soil remains under the soil cap and asphalt basketball court, which are in good shape and remain protective. There were no signs of grading or settlement.

Date Completed: 6/9/2015
Area Name:
Sub Area:
Title: DOH Carrying Charge Payment Notification
Area Link:
Sub Area Link:
Title Link:
Document Type: Correspondence
Comments:

Date Completed: 11/12/2008
Area Name:
Sub Area:
Title: Bayshore Park Settlement Agreement

Area Link:
Sub Area Link:
Title Link: http://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=41990001&enforcement_id=6013170
Document Type: Consent Settlement - Administrative
Comments: This settlement with the City of Daly City, PG&E, San Mateo County Housing Authority and the US Government addresses past costs as well as identifies furutre payments.

Date Completed: 11/6/1995
Area Name:
Sub Area:
Title: Third Amendment
Area Link:
Sub Area Link:
Title Link: http://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=41990001&enforcement_id=5003946
Document Type: Amendment - Order/Agreement
Comments: ORDER - AMEND - Amended I&SE to include all requirements for Operation and Maintenance for the Midway Village Site. Also added requirements for public participation, emergency response and stop work orders for both Midway and Bayshore Park.

Date Completed: 3/1/1990
Area Name:
Sub Area:
Title: FINAL DATA REPORT BAYSHORE PARK SOILS
Area Link:
Sub Area Link:
Title Link: http://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=41990001&doc_id=6010882
Document Type: Remedial Investigation Report
Comments: Report documenting results of samples collected in 1989 in Bayshore Park. PAHs were found in soils onsite.

27	2 of 2	NNE	0.99 / 5,240.72	23.08 / -203	**BAYSHORE PARK** **47 MIDWAY DRIVE** **DALY CITY CA 94014**	**RESPONSE**

ESTOR EPA ID:	41990001	**County:**	SAN MATEO
Facility Type:	STATE RESPONSE OR NPL	**Latitude:**	37.7023417404612
Program Type:	STATE RESPONSE	**Longitude:**	-122.412649593443
Program Type 2:		**Acres:**	3.8 ACRES
Special Program:		**Office:**	CLEANUP BERKELEY
Site Code:	201834	**Census Tract:**	6081600200
Nat Priority List:	NO	**Cal Enviro Score:**	66-70%
Funding:	ORPHAN FUNDS	**Permit Renewal Lead:**	
Assembly District:	19	**Project Manager:**	KIMBERLY WALSH
Senate District:	11	**Public Partici Spec:**	
School District:		**Supervisor:**	JULIE PETTIJOHN

Site Type: STATE RESPONSE OR NPL
Status: CERTIFIED O&M - LAND USE RESTRICTIONS ONLY - LAND USE RESTRICTIONS
Cleanup Status: CERTIFIED O&M - LAND USE RESTRICTIONS ONLY AS OF 5/13/2003
Cln-up Oversight Agencies: DTSC - SITE CLEANUP PROGRAM - LEAD AGENCY
Past Use that Caused Cntm: MANUFACTURED GAS PLANT
Potential Media Affected: SOIL
APN: 005-330-330, 005-330-390, 005330330, 005330390
Summary Link: http://www.envirostor.dtsc.ca.gov/public/profile_report?global_id=41990001
Potential Contm Conc:

POLYNUCLEAR AROMATIC HYDROCARBONS (PAHS)

Site History:

This site is a public park which is owned by the City of Daly City. The site is adjacent to the PG&E Martin Service Center, the Midway Village public housing project owned by San Mateo County Housing Authority and a day care center owned by the Bayshore Elementary School District. In the past, the site was a part of a military housing facility built during World War II by the U.S. Government. During construction of military housing, soil contaminated with gas plant residues from the PG&E property was used as fill on approximately 20 acres. This soil contained polycyclic aromatic hydrocarbons (PAHs). In 1955, the U.S. Government sold this property to the San Mateo Housing Authority. In 1977, the Housing Authority sold 10 acres to the City of Daly City. Daly City constructed a public park containing a playground and a baseball diamond. Subsequent to March 31, 1979, PG&E constructed an earthen berm containing gas plant residues on the boundary between the PG&E Martin Service Center and Bayshore Park. The site is located in the San Francisco Bay drainage basin and was subject to severe erosion and drainage problems. Work conducted as part of a 1999 drainage project replaced existing storm water pipes with a much larger box culvert. No reports of flooding have occurred since this work was completed.

Land Use Restrictions

Title: Deed Restriction / Land Use Covenant
Area:
Sub Area:
Date Recorded: 10/17/2002
Covenant: http://www.envirostor.dtsc.ca.gov/public/view_document?docurl=/public/deliverable_documents/2221509635/SMBR%5FDEED%5F41990001%2Epdf
Site Management Req: ACTIVITIES PROHIBITED WHICH DISTURB THE REMEDY AND MONITORING SYSTEMS WITHOUT APPROVAL
DAY CARE CENTER PROHIBITED
ELDER CARE CENTER PROHIBITED
HOSPITAL USE PROHIBITED
NOTIFY AFTER CHANGE OF PROPERTY OWNER
NOTIFY DAMAGES TO REMEDY AND MONITORING SYSTEMS UPON DISCOVERY
NOTIFY PRIOR TO SUBSURFACE WORK
PERFORM H&S PLAN PRIOR TO SUBSURFACE WORK
PUBLIC OR PRIVATE SCHOOL FOR PERSONS UNDER 21 PROHIBITED
RAISING OF FOOD PROHIBITED
REQUIRES SURFACE COVERS
RESIDENCE USE PROHIBITED

Future Activities

Area Name:
Sub Area:
Due Date: 2018
Document Type: Public Notice
Sub Area Link:

Area Name:
Sub Area:
Due Date: 2018
Document Type: 5 Year Review Reports
Sub Area Link:

Completed Activities

Date Completed: 4/9/2013
Document Type: Public Notice
Area Name:
Sub Area:
Title: Post Five-Year Review Report Public Notice
Area Link:
Sub Area Link:
Title Link: http://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=41990001&doc_id=60306065
Comments:

Completed Activities

Date Completed: 10/6/2009
Document Type: Land Use Restriction - Site Inspection/Visit
Area Name:
Sub Area:
Title: 2009 DTSC Annual Site Inspection and Report
Area Link:
Sub Area Link:
Title Link: http://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=41990001&enforcement_id=6013050
Comments: Upon observing the current site conditions, DTSC concludes that the implemented remedial action remains adequately protective of human health and the environment. Impacted soil remains under the soil cap and asphalt basketball court, which are in good shape and remain protective. There were no signs of grading or settlement. Lawn areas should be irrigated more frequently and areas with dead grass should be re-seeded to ensure the integrity of the soil cap is maintained.

Completed Activities

Date Completed: 6/24/2005
Document Type: Land Use Restriction - Site Inspection/Visit
Area Name:
Sub Area:
Title: 2005 DTSC Annual Inspection
Area Link:
Sub Area Link:
Title Link: http://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=41990001&enforcement_id=6010014
Comments: Inspection complete - no significant problems with cap observed. Area is still a public park.

Completed Activities

Date Completed: 7/16/2001
Document Type: Final Determination of Non-Compliance
Area Name:
Sub Area:
Title: Final Determination of non-compliance
Area Link:
Sub Area Link:
Title Link: http://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=41990001&enforcement_id=5003942
Comments: FDNC - DTSC issued a final determination of non-compliance with the April 11, 2001 order amendment.

Completed Activities

Date Completed: 7/13/2001
Document Type: Other Report
Area Name:
Sub Area:
Title: Midway Village/Bayshore Park ESD Responsiveness Summary
Area Link:
Sub Area Link:
Title Link: http://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=41990001&doc_id=6010880
Comments: Responsiveness Summary for the Explanations of Significant Differences for Midway Village and Bayshore Park

Completed Activities

Date Completed: 11/6/1995
Document Type: Amendment - Order/Agreement
Area Name:
Sub Area:
Title: Third Amendment
Area Link:
Sub Area Link:
Title Link: http://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=41990001&enforcement_id=5003946
Comments: ORDER - AMEND - Amended I&SE to include all requirements for Operation and Maintenance for the Midway Village Site. Also added requirements for public participation, emergency response and stop work orders for both Midway and Bayshore Park.

Completed Activities

Date Completed: 4/22/1991
Document Type: Removal Action Completion Report
Area Name:
Sub Area:
Title: Removal Action Completion Report
Area Link:
Sub Area Link:
Title Link: http://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=41990001&doc_id=5003727
Comments: Completed Removal Action. 670-feet of chain link fence and gates were installed around the perimeter of Bayshore Park. The fence is ten feet high and the gates are locked so access is controlled.

Completed Activities

Date Completed: 3/1/1990
Document Type: Remedial Investigation Report
Area Name:
Sub Area:
Title: FINAL DATA REPORT BAYSHORE PARK SOILS
Area Link:
Sub Area Link:
Title Link: http://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=41990001&doc_id=6010882
Comments: Report documenting results of samples collected in 1989 in Bayshore Park. PAHs were found in soils onsite.

Completed Activities

Date Completed: 9/16/2014
Document Type: Land Use Restriction - Site Inspection/Visit
Area Name:
Sub Area:
Title: 2014 Annual LUC Site Inspection
Area Link:
Sub Area Link:
Title Link: http://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=41990001&enforcement_id=60334321
Comments:

Completed Activities

Date Completed: 9/11/2014
Document Type: Annual Oversight Cost Estimate
Area Name:
Sub Area:
Title: Annual Cost Estimate letter for 2014/2015
Area Link:
Sub Area Link:
Title Link: http://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=41990001&enforcement_id=60361946
Comments:

Completed Activities

Date Completed: 9/26/2013
Document Type: Annual Oversight Cost Estimate
Area Name:
Sub Area:
Title: Annual Cost Estimate letter for 2013/2014
Area Link:
Sub Area Link:
Title Link: http://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=41990001&enforcement_id=60334352
Comments:

Completed Activities

Date Completed: 9/14/2011
Document Type: Annual Oversight Cost Estimate
Area Name:
Sub Area:
Title: Annual Oversight Cost Estimate
Area Link:
Sub Area Link:
Title Link: http://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=41990001&enforcement_id=60273237
Comments: Annual Cost Estimate letter.

Completed Activities

Date Completed: 8/9/2010
Document Type: Land Use Restriction - Site Inspection/Visit
Area Name:
Sub Area:
Title: 2010 DTSC Annual Site Inspection and Report
Area Link:
Sub Area Link:
Title Link: http://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=41990001&enforcement_id=6016875
Comments: Annual inspection of cap completed on June 17, 2010. The only area which requires follow up is near the baseball diamond where exposed clean dirt is seen. No contaminated soil is exposed.

Completed Activities

Date Completed: 5/13/2003
Document Type: Certification
Area Name:
Sub Area:
Title: Certification
Area Link:
Sub Area Link:
Title Link: http://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=41990001&enforcement_id=5003725
Comments: CERT - Certified Site. Ongoing operation and maintenance consists of periodic inspections of the cap.

Completed Activities

Date Completed: 4/11/2001
Document Type: Amendment - Order/Agreement
Area Name:
Sub Area:
Title: Fourth Amendment
Area Link:
Sub Area Link:
Title Link: http://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=41990001&enforcement_id=5003943
Comments: ORDER - AMEND - Amended Order to require additional removal actions.

Completed Activities

Date Completed: 7/15/2013
Document Type: Correspondence
Area Name:
Sub Area:
Title: Bayshore Park Settlement Agreement
Area Link:
Sub Area Link:
Title Link: http://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=41990001&enforcement_id=60392777
Comments:

Completed Activities

Date Completed: 4/23/1993
Document Type: Amendment - Order/Agreement
Area Name:
Sub Area:
Title: Second Amendment
Area Link:
Sub Area Link:
Title Link: http://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=41990001&enforcement_id=5003947
Comments: ORDER - AMEND - Amended I&SE Order to add Housing Authority of San Mateo County and the City of Daly City as responsible parties.

Completed Activities

Date Completed: 7/13/2001

Document Type: CEQA - Initial Study/ Neg. Declaration
Area Name:
Sub Area:
Title: Initial Study/Negative Declaration for MidwayVillage/Bayshore Park ESD
Area Link:
Sub Area Link:
Title Link: http://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=41990001&enforcement_id=6009079
Comments: Final Intial Study & Negative Declaration for the Explanation of Significant Differences for Midway Village and Bayshore Park.

Completed Activities

Date Completed: 6/17/1999
Document Type: Remedial Investigation Report
Area Name:
Sub Area:
Title: Additional Soil Quality Evaluation for Bayshore Park
Area Link:
Sub Area Link:
Title Link: http://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=41990001&doc_id=6010881
Comments: Additional sampling to support Storm Drain Improvement Project.

Completed Activities

Date Completed: 9/22/2017
Document Type: Land Use Restriction - Site Inspection/Visit
Area Name:
Sub Area:
Title: Annual Site Inspection By DTSC
Area Link:
Sub Area Link:
Title Link: http://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=41990001&enforcement_id=60422212
Comments: Annual inspection for 2017 was completed by DTSC staff on September 8, 2017. No violations of the Land Use Covenant entered into by Daly City and DTSC were observed.

Completed Activities

Date Completed: 10/14/2016
Document Type: Land Use Restriction - Site Inspection/Visit
Area Name:
Sub Area:
Title: 2016 Annual LUC Site Inspection
Area Link:
Sub Area Link:
Title Link: http://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=41990001&enforcement_id=60334323
Comments:

Completed Activities

Date Completed: 6/9/2015
Document Type: Correspondence
Area Name:
Sub Area:
Title: DOH Carrying Charge Payment Notification
Area Link:
Sub Area Link:
Title Link:
Comments:

Completed Activities

Date Completed: 11/12/2008
Document Type: Consent Settlement - Administrative

Area Name:
Sub Area:
Title: Bayshore Park Settlement Agreement
Area Link:
Sub Area Link:
Title Link: http://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=41990001&enforcement_id=6013170
Comments: This settlement with the City of Daly City, PG&E, San Mateo County Housing Authority and the US Government addresses past costs as well as identifies furutre payments.

Completed Activities

Date Completed: 3/17/2008
Document Type: 5 Year Review Reports
Area Name:
Sub Area:
Title: Bayshore Park 5-Year Review
Area Link:
Sub Area Link:
Title Link: http://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=41990001&doc_id=6013331
Comments: Upon observing the current site conditions, DTSC concludes that the implemented remedial action remains adequately protective of human health and the environment. Impacted soil remains under the two foot soil cap, which is in good shape and remains protective. Lawn areas should be irrigated more frequently and areas with dead grass should be re-seeded to ensure the integrity of the soil cap is maintained.

Completed Activities

Date Completed: 7/20/1998
Document Type: Other Report
Area Name:
Sub Area:
Title: Responsiveness Summary for PG&E OU2 Draft RAP and Bayshore Park Draft RAW
Area Link:
Sub Area Link:
Title Link: http://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=41990001&doc_id=6010879
Comments: Responsiveness Summary for PG&E Martin Service Center Operable Unit 2 Draft Remedial Action Plan and Bayshore Park Draft Removal Action Workplan.

Completed Activities

Date Completed: 7/21/1992
Document Type: Amendment - Order/Agreement
Area Name:
Sub Area:
Title: First Amendment
Area Link:
Sub Area Link:
Title Link: http://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=41990001&enforcement_id=5003950
Comments: ORDER - AMEND - Amended I&SE Order for Midway Village to include Bayshore Park and DayCare Center in area to be sampled as part of the RI/FS.

Completed Activities

Date Completed: 10/30/1990
Document Type: Imminent and/or Subst. Endangerment Determination
Area Name:
Sub Area:
Title: I&SE Determination
Area Link:
Sub Area Link:
Title Link: http://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=41990001&enforcement_id=5003949
Comments: ORDER - I&SE - Issued I&SE Determination. Housing Authority excavating contaminated soil to install drainage system without notifying DHS.

Completed Activities

Date Completed: 9/27/2016
Document Type: Annual Oversight Cost Estimate
Area Name:
Sub Area:
Title: Annual Cost Estimate letter for 2016/2017
Area Link:
Sub Area Link:
Title Link: http://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=41990001&enforcement_id=60414155
Comments:

Completed Activities

Date Completed: 6/24/2015
Document Type: Soils Management Plan
Area Name:
Sub Area:
Title: Soil Management Plan
Area Link:
Sub Area Link:
Title Link: http://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=41990001&doc_id=60393618
Comments:

Completed Activities

Date Completed: 6/28/2006
Document Type: Land Use Restriction - Site Inspection/Visit
Area Name:
Sub Area:
Title: 2006 Annual Inspection Report
Area Link:
Sub Area Link:
Title Link: http://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=41990001&enforcement_id=6009495
Comments: Inspection complete - no significant problems with cap observed. Area is still a public park.

Completed Activities

Date Completed: 11/22/2002
Document Type: Removal Action Completion Report
Area Name:
Sub Area:
Title: Midway Village/Bayshore Park Removal Action Completion Report
Area Link:
Sub Area Link:
Title Link: http://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=41990001&doc_id=5003945
Comments: RA - SOIL - Completed Removal Action. 12,261 cubic yards of contaminated soil was removed from the Park. Contaminated soils were disposed off-site at an appropriate landfill. The area was backfilled with at least two feet of clean soil. The entire Park was regraded to ensure proper drainage. Several new storm drains were also installed. The chain-link fence around the Day Care was replaced with a concrete block retaining wall topped by a 6-foot high chain link fence. A new playground was installed near the Midway Village Housing Office. A new baseball field backstop was installed and the original bleachers were returned. An expanded basketball court was constructed. One monitoring well and one deep artesian well were abandoned.

Completed Activities

Date Completed: 10/17/2002
Document Type: Land Use Restriction
Area Name:
Sub Area:
Title: Deed Restriction / Land Use Covenant
Area Link:
Sub Area Link:
Title Link: http://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=41990001&enforcement_id=5003940

Comments: DEED - Recorded Deed Restriction on the Park to ensure that its use remains consistent with the approved remedy.

Completed Activities

Date Completed: 5/1/1998
Document Type: Public Participation Plan / Community Relations Plan
Area Name:
Sub Area:
Title: Public Participation Plan Update
Area Link:
Sub Area Link:
Title Link: http://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=41990001&doc_id=6010883
Comments: Public Participation Plan Update.

Completed Activities

Date Completed: 3/10/2017
Document Type: Correspondence
Area Name:
Sub Area:
Title: Change of PM Notification
Area Link:
Sub Area Link:
Title Link: http://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=41990001&enforcement_id=60424615
Comments: Change of DTSC project manager notification sent to project proponent.

Completed Activities

Date Completed: 10/21/2015
Document Type: Land Use Restriction - Site Inspection/Visit
Area Name:
Sub Area:
Title: 2015 Annual LUC Site Inspection
Area Link:
Sub Area Link:
Title Link: http://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=41990001&enforcement_id=60334322
Comments:

Completed Activities

Date Completed: 1/14/2014
Document Type: Land Use Restriction - Site Inspection/Visit
Area Name:
Sub Area:
Title: 2013 Annual LUC Site Inspection
Area Link:
Sub Area Link:
Title Link: http://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=41990001&enforcement_id=60306116
Comments: The implemented remedial action remains adequately protective of human health and the environment. Impacted soil remains under the soil cap and asphalt basketball court, which are in good shape and remain protective. There were no signs of grading or settlement.

Completed Activities

Date Completed: 12/24/2012
Document Type: Land Use Restriction - Site Inspection/Visit
Area Name:
Sub Area:
Title: 2012 Annual LUC Site Inspection
Area Link:
Sub Area Link:
Title Link: http://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=41990001&enforcement_id=6016886

Comments:

Completed Activities

Date Completed: 11/20/2012
Document Type: Public Notice
Area Name:
Sub Area:
Title: Pre Five-Year Review Report Public Notice
Area Link:
Sub Area Link:
Title Link: http://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=41990001&doc_id=60306063
Comments: The public notice will be placed in the San Mateo Times to inform the community that the Five-Year Review Reports have been completed. The Public Notice will also be mailed to the mailing list maintained for these Sites.

Completed Activities

Date Completed: 9/11/2008
Document Type: Land Use Restriction - Site Inspection/Visit
Area Name:
Sub Area:
Title: 2008 Annual Site Inspection
Area Link:
Sub Area Link:
Title Link: http://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=41990001&enforcement_id=6012177
Comments: Upon observing the current site conditions, DTSC concludes that the implemented remedial action remains adequately protective of human health and the environment. Impacted soil remains under the soil cap and asphalt basketball court, which are in good shape and remain protective. There were no signs of grading or settlement. Lawn areas should be irrigated more frequently and areas with dead grass should be re-seeded to ensure the integrity of the soil cap is maintained.

Completed Activities

Date Completed: 7/13/2001
Document Type: Remedial Action Plan w/ESD
Area Name:
Sub Area:
Title: Explanation of Significant Differences
Area Link:
Sub Area Link:
Title Link: http://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=41990001&doc_id=5003944
Comments: RAW - ESD - Approved Explanation of Significant Differences to the 1998 RAW requiring excavation of the top two feet of soil across the entire park.

Completed Activities

Date Completed: 6/1/2001
Document Type: Fact Sheets
Area Name:
Sub Area:
Title: Fact Sheet for Draft ESD to RAW
Area Link:
Sub Area Link:
Title Link: http://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=41990001&doc_id=6011307
Comments: Fact Sheet for Draft Explanation of Significant Differences to RAW

Completed Activities

Date Completed: 9/15/2017
Document Type: Annual Oversight Cost Estimate
Area Name:
Sub Area:
Title: Annual Cost Estimate

Area Link:
Sub Area Link:
Title Link: http://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=41990001&enforcement_id=60429942
Comments: Annual Cost Estimate letter for activities occurring between July 1, 2017 and June 30, 2018 with DTSC oversight.

Completed Activities

Date Completed: 10/11/2012
Document Type: Annual Oversight Cost Estimate
Area Name:
Sub Area:
Title: Annual Cost Estimate letter for 2012/13
Area Link:
Sub Area Link:
Title Link: http://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=41990001&enforcement_id=60306263
Comments: Annual cost estimate.

Completed Activities

Date Completed: 3/14/2008
Document Type: Land Use Restriction - Site Inspection/Visit
Area Name:
Sub Area:
Title: 2007 DTSC Cap Site Inspection and Report
Area Link:
Sub Area Link:
Title Link: http://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=41990001&enforcement_id=6009496
Comments: Upon observing the current site conditions, DTSC concludes that the implemented remedial action remains adequately protective of human health and the environment. Impacted soil remains under the soil cap and asphalt basketball court, which are in good shape and remain protective. There were no signs of grading or settlement. Lawn areas should be irrigated more frequently and areas with dead grass should be re-seeded to ensure the integrity of the soil cap is maintained.

Completed Activities

Date Completed: 1/24/2008
Document Type: Fact Sheets
Area Name:
Sub Area:
Title: Fact Sheet for Draft 5-Year Review
Area Link:
Sub Area Link:
Title Link: http://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=41990001&doc_id=6018103
Comments: Fact Sheet for Draft 5-Year Review - Mailed 1/28/2008

Completed Activities

Date Completed: 4/1/2003
Document Type: Fact Sheets
Area Name:
Sub Area:
Title: Fact Sheet - Midway Village/Bayshore Park Project Update
Area Link:
Sub Area Link:
Title Link: http://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=41990001&doc_id=6011309
Comments: Project Update

Completed Activities

Date Completed: 8/10/2001
Document Type: Removal Action Design
Area Name:
Sub Area:

Title: Remedial or Removal Design
Area Link:
Sub Area Link:
Title Link: http://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=41990001&doc_id=5003941
Comments: DES - Approved design and implementation action plan for removal action in Bayshore Park.

Completed Activities

Date Completed: 2/24/1999
Document Type: Remedial Investigation Report
Area Name:
Sub Area:
Title: Soil Quality Evaluation
Area Link:
Sub Area Link:
Title Link: http://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=41990001&doc_id=6010661
Comments: Data Report documenting location of PAH contaminated soils at Bayshore

Completed Activities

Date Completed: 12/16/1991
Document Type: Unilateral Order (I/SE, RAO, CAO, EPA AO)
Area Name:
Sub Area:
Title: Imminent & Substantial Endangerment Determination and Order
Area Link:
Sub Area Link:
Title Link: http://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=41990001&enforcement_id=6008992
Comments:

Completed Activities

Date Completed: 9/22/2015
Document Type: Annual Oversight Cost Estimate
Area Name:
Sub Area:
Title: Annual Cost Estimate letter for 2015/2016
Area Link:
Sub Area Link:
Title Link: http://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=41990001&enforcement_id=60374806
Comments:

Completed Activities

Date Completed: 3/12/2013
Document Type: 5 Year Review Reports
Area Name:
Sub Area:
Title: Second Five-Year Review Report
Area Link:
Sub Area Link:
Title Link: http://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=41990001&doc_id=6018595
Comments: Five-Year Review Report concludes that the implemented remedial action remains adequately protective of human health and the environment. Impacted soil remains under the soil cap or concrete/asphalt, which are in good shape and remain protective.

Completed Activities

Date Completed: 9/15/2011
Document Type: Land Use Restriction - Site Inspection/Visit
Area Name:
Sub Area:
Title: 2011 Annual LUC Site Inspection

Area Link:
Sub Area Link:
Title Link: http://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=41990001&enforcement_id=6016885
Comments: Upon observing the current site conditions, DTSC concludes that the implemented remedial action remains adequately protective of human health and the environment. Impacted soil remains under the soil cap and asphalt basketball court, which are in good shape and remain protective. There were no signs of grading or settlement. Lawn areas should be irrigated more frequently and areas with dead grass should be re-seeded to ensure the integrity of the soil cap is maintained. The area near the backstop needs to be refilled with clean soil and brought up to grade.

Completed Activities

Date Completed: 1/23/2008
Document Type: Public Notice
Area Name:
Sub Area:
Title: Public Notice for Draft 5-Year Review
Area Link:
Sub Area Link:
Title Link: http://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=41990001&doc_id=6018104
Comments: Public notice to run in the San Mateo County Times on January 30, 2008

Completed Activities

Date Completed: 4/27/2001
Document Type: Removal Action Completion Report
Area Name:
Sub Area:
Title: Removal Action Completion Report
Area Link:
Sub Area Link:
Title Link: http://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=41990001&doc_id=5003724
Comments: RA - PIPE - Completed RA. The RA consisted of soil removal and management for the portion of the storm drain improvement project which occurred in Bayshore Park.

Completed Activities

Date Completed: 7/20/1998
Document Type: CEQA - Initial Study/ Neg. Declaration
Area Name:
Sub Area:
Title: Bayshore Park Negative Declaration
Area Link:
Sub Area Link:
Title Link: http://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=41990001&enforcement_id=6009109
Comments: Negative Declaration for PG&E Martin Service Center Operable Unit 2 Remedial Action Plan and Bayshore Park Removal Action Workplan.

Unplottable Summary

Total: 4 Unplottable sites

DB	Company Name/Site Name	Address	City	Zip	ERIS ID
DELISTED ENVS	PRESIDIO OF SAN FRANCISCO/MISCELLANEOUS SITES	PRESIDIO OF SAN FRANCISCO	SAN FRANCISCO CA	94129	855250606
EMISSIONS	AMERICAN ROCK & ASPHALT,INC	OLD QUARRY ROAD	BRISBANE CA	94005	861213653
HHSS	GUADALUPE VALLEY PLANT 2	OLD QUARRY ROAD VISITACION	BRISBANE CA	94005	822985669
HIST TANK	GUADALUPE VALLEY PLANT #2	OLD QUARRY ROAD	BRISBANE CA		865084504

Unplottable Report

Site: ***PRESIDIO OF SAN FRANCISCO/MISCELLANEOUS SITES***
PRESIDIO OF SAN FRANCISCO SAN FRANCISCO CA 94129

DELISTED ENVS

ESTOR EPA ID:	60001905	***County:***	SAN FRANCISCO
Program Type:		***Latitude:***	
Site Code:	201239	***Longitude:***	
Site Type:	CLOSED BASE	***Funding:***	RESPONSIBLE PARTY
Special Program:		***Acres:***	1483 ACRES
Nat Priority List:	NO	***School District:***	
Assembly District:	13	***Original Source:***	RESP
Senate District:	11	***Record Date:***	30-JUL-2014
Status:			
Cleanup Status:	ACTIVE AS OF 1/3/2013		
Cln-up Oversight Agencies:	DTSC - SITE CLEANUP PROGRAM - LEAD		
Past Use that Caused Cntm:	UNKNOWN		
Potential Media Affected:	UNDER INVESTIGATION		
APN:	NONE SPECIFIED		
Summary Link:			

Site: ***AMERICAN ROCK & ASPHALT,INC***
OLD QUARRY ROAD BRISBANE CA 94005

EMISSIONS

1987 Criteria Data

Facility ID:	63	***CERR Code:***	
Facility SIC Code:	2951	***TOGT:***	.2
CO:	41	***ROGT:***	.13073
Air Basin:	SF	***COT:***	1
District:	BA	***NOXT:***	4
COID:	SM	***SOXT:***	0
DISN:	BAY AREA AQMD	***PMT:***	380.4
CHAPIS:		***PM10T:***	101.17

1987 Toxic Data

Facility ID:	63	***COID:***	SM
Facility SIC Code:	2951	***DISN:***	BAY AREA AQMD
CO:	41	***CHAPIS:***	
Air Basin:	SF	***CERR Code:***	
District:	BA		
TS:			
Health Risk Asmt:			
Non-Cancer Chronic Haz Ind:			
Non-Cancer Acute Haz Ind:			

1990 Criteria Data

Facility ID:	63	***CERR Code:***	
Facility SIC Code:	2951	***TOGT:***	.3
CO:	41	***ROGT:***	.21923
Air Basin:	SF	***COT:***	1.2
District:	BA	***NOXT:***	4.7
COID:	SM	***SOXT:***	0
DISN:	BAY AREA AQMD	***PMT:***	413.9
CHAPIS:		***PM10T:***	99.7

1990 Toxic Data

Facility ID:	63	***COID:***	SM
Facility SIC Code:	2951	***DISN:***	BAY AREA AQMD
CO:	41	***CHAPIS:***	
Air Basin:	SF	***CERR Code:***	
District:	BA		
TS:			
Health Risk Asmt:			
Non-Cancer Chronic Haz Ind:			
Non-Cancer Acute Haz Ind:			

1993 Criteria Data

Facility ID:	63	***CERR Code:***	
Facility SIC Code:	2951	***TOGT:***	.5
CO:	41	***ROGT:***	.39623
Air Basin:	SF	***COT:***	.7
District:	BA	***NOXT:***	2.9
COID:	SM	***SOXT:***	0
DISN:	BAY AREA AQMD	***PMT:***	41.7
CHAPIS:		***PM10T:***	12.31

1993 Toxic Data

Facility ID:	63	***COID:***	SM
Facility SIC Code:	2951	***DISN:***	BAY AREA AQMD
CO:	41	***CHAPIS:***	
Air Basin:	SF	***CERR Code:***	
District:	BA		
TS:			
Health Risk Asmt:			
Non-Cancer Chronic Haz Ind:			
Non-Cancer Acute Haz Ind:			

1996 Toxic Data

Facility ID:	63	***COID:***	SM
Facility SIC Code:	2951	***DISN:***	BAY AREA AQMD
CO:	41	***CHAPIS:***	
Air Basin:	SF	***CERR Code:***	
District:	BA		
TS:			
Health Risk Asmt:			
Non-Cancer Chronic Haz Ind:			
Non-Cancer Acute Haz Ind:			

1997 Toxic Data

Facility ID:	63	***COID:***	SM
Facility SIC Code:	2951	***DISN:***	BAY AREA AQMD
CO:	41	***CHAPIS:***	
Air Basin:	SF	***CERR Code:***	
District:	BA		
TS:			
Health Risk Asmt:			
Non-Cancer Chronic Haz Ind:			
Non-Cancer Acute Haz Ind:			

1998 Toxic Data

Facility ID:	63	***COID:***	SM
Facility SIC Code:	2951	***DISN:***	BAY AREA AQMD
CO:	41	***CHAPIS:***	
Air Basin:	SF	***CERR Code:***	
District:	BA		

TS:
Health Risk Asmt:
Non-Cancer Chronic Haz Ind:
Non-Cancer Acute Haz Ind:

Site: ***GUADALUPE VALLEY PLANT 2***
OLD QUARRY ROAD VISITACION BRISBANE CA 94005

HHSS

County: San Mateo
Pdf File Url: http://geotracker.waterboards.ca.gov/ustpdfs/pdf/0002c19e.pdf

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Site: ***GUADALUPE VALLEY PLANT #2***
OLD QUARRY ROAD BRISBANE CA

HIST TANK

Owner Name: QUARTY PRODUCTS, INC.
Owner Street: 961 WESTERN DRIVE
Owner City: RICHMOND
Owner State: CA
Owner Zip: 94801
No of Containers: 4
County: SAN MATEO
Facility State: CA
Facility Zip: 94005

Appendix: Database Descriptions

Environmental Risk Information Services (ERIS) can search the following databases. The extent of historical information varies with each database and current information is determined by what is publicly available to ERIS at the time of update. ERIS updates databases as set out in ASTM Standard E1527-13, Section 8.1.8 Sources of Standard Source Information:

"Government information from nongovernmental sources may be considered current if the source updates the information at least every 90 days, or, for information that is updated less frequently than quarterly by the government agency, within 90 days of the date the government agency makes the information available to the public."

Standard Environmental Record Sources

Federal

National Priority List: NPL

National Priorities List (Superfund)-NPL: EPA's (United States Environmental Protection Agency) list of the most serious uncontrolled or abandoned hazardous waste sites identified for possible long-term remedial action under the Superfund program. The NPL, which EPA is required to update at least once a year, is based primarily on the score a site receives from EPA's Hazard Ranking System. A site must be on the NPL to receive money from the Superfund Trust Fund for remedial action.

Government Publication Date: Feb 6, 2018

National Priority List - Proposed: PROPOSED NPL

Includes sites proposed (by the EPA, the state, or concerned citizens) for addition to the NPL due to contamination by hazardous waste and identified by the Environmental Protection Agency (EPA) as a candidate for cleanup because it poses a risk to human health and/or the environment.

Government Publication Date: Feb 6, 2018

Deleted NPL: DELETED NPL

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.

Government Publication Date: Feb 6, 2018

SEMS List 8R Active Site Inventory: SEMS

The Superfund Program has deployed the Superfund Enterprise Management System (SEMS), which integrates multiple legacy systems into a comprehensive tracking and reporting tool. This inventory contains active sites evaluated by the Superfund program that are either proposed to be or are on the National Priorities List (NPL) as well as sites that are in the screening and assessment phase for possible inclusion on the NPL. The Active Site Inventory Report displays site and location information at active SEMS sites. An active site is one at which site assessment, removal, remedial, enforcement, cost recovery, or oversight activities are being planned or conducted.

Government Publication Date: Apr 11, 2018

SEMS List 8R Archive Sites: SEMS ARCHIVE

The Superfund Enterprise Management System (SEMS) Archived Site Inventory displays site and location information at sites archived from SEMS. An archived site is one at which EPA has determined that assessment has been completed and no further remedial action is planned under the Superfund program at this time.

Government Publication Date: Apr 11, 2018

Comprehensive Environmental Response, Compensation and Liability Information System - CERCLIS: CERCLIS

Superfund is a program administered by the United States Environmental Protection Agency (EPA) to locate, investigate, and clean up the worst hazardous waste sites throughout the United States. CERCLIS is a database of potential and confirmed hazardous waste sites at which the EPA Superfund program has some involvement. It contains sites that are either proposed to be or are on the National Priorities List (NPL) as well as sites that are in the screening and assessment phase for possible inclusion on the NPL. The EPA administers the Superfund program in cooperation with individual states and tribal governments; this database is made available by the EPA.

Government Publication Date: Oct 25, 2013

CERCLIS - No Further Remedial Action Planned: CERCLIS NFRAP

An archived site is one at which EPA has determined that assessment has been completed and no further remedial action is planned under the Superfund program at this time. The Archive designation means 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 this site on the National Priorities List (NPL). This 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 a potential NPL site.

Government Publication Date: Oct 25, 2013

CERCLIS Liens: CERCLIS LIENS

A Federal Superfund lien exists at any property where EPA has incurred Superfund costs to address contamination ("Superfund site") and has provided notice of liability to the property owner. A Federal CERCLA ("Superfund") lien can exist by operation of law at any site or property at which EPA has spent Superfund monies. This database is made available by the United States Environmental Protection Agency (EPA).

Government Publication Date: Jan 30, 2014

RCRA CORRACTS-Corrective Action: RCRA CORRACTS

RCRA Info 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. At these sites, the Corrective Action Program ensures that cleanups occur. EPA and state regulators work with facilities and communities to design remedies based on the contamination, geology, and anticipated use unique to each site.

Government Publication Date: Jan 24, 2018

RCRA non-CORRACTS TSD Facilities: RCRA TSD

RCRA Info 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. This database includes Non-Corrective Action sites listed as treatment, storage and/or disposal facilities of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA).

Government Publication Date: Jan 24, 2018

RCRA Generator List: RCRA LQG

RCRA Info 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. RCRA Info replaces the data recording and reporting abilities of the Resource Conservation and Recovery Information System (RCRIS) and the Biennial Reporting System (BRS). A hazardous waste generator is any person or site whose processes and actions create hazardous waste (see 40 CFR 260.10). Large Quantity Generators (LQGs) generate 1,000 kilograms per month or more of hazardous waste or more than one kilogram per month of acutely hazardous waste.

Government Publication Date: Jan 24, 2018

RCRA Small Quantity Generators List: RCRA SQG

RCRA Info is the 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. RCRA Info replaces the data recording and reporting abilities of the Resource Conservation and Recovery Information System (RCRIS) and the Biennial Reporting System (BRS). A hazardous waste generator is any person or site whose processes and actions create hazardous waste (see 40 CFR 260.10). Small Quantity Generators (SQGs) generate more than 100 kilograms, but less than 1,000 kilograms, of hazardous waste per month.

Government Publication Date: Jan 24, 2018

RCRA Conditionally Exempt Small Quantity Generators List: RCRA CESQG

RCRA Info is the 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. RCRA Info replaces the data recording and reporting abilities of the Resource Conservation and Recovery Information System (RCRIS) and the Biennial Reporting System (BRS). A hazardous waste generator is any person or site whose processes and actions create hazardous waste (see 40 CFR 260.10). Conditionally Exempt Small Quantity Generators (CESQG) generate 100 kilograms or less per month of hazardous waste or one kilogram or less per month of acutely hazardous waste.

Government Publication Date: Jan 24, 2018

RCRA Non-Generators: RCRA NON GEN

RCRA Info 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. RCRA Info replaces the data recording and reporting abilities of the Resource Conservation and Recovery Information System (RCRIS) and the Biennial Reporting System (BRS). A hazardous waste generator is any person or site whose processes and actions create hazardous waste (see 40 CFR 260.10). Non-Generators do not presently generate hazardous waste.

Government Publication Date: Jan 24, 2018

Federal Engineering Controls-ECs: FED ENG

Engineering controls (ECs) encompass a variety of engineered and constructed physical barriers (e.g., soil capping, sub-surface venting systems, mitigation barriers, fences) to contain and/or prevent exposure to contamination on a property. This database is made available by the United States Environmental Protection Agency (EPA).

Government Publication Date: Jan 20, 2016

Federal Institutional Controls- ICs: FED INST

Institutional controls are non-engineered instruments, such as administrative and legal controls, that help minimize the potential for human exposure to contamination and/or protect the integrity of the remedy. Although it is EPA's (United States Environmental Protection Agency) expectation that treatment or engineering controls will be used to address principal threat wastes and that groundwater will be returned to its beneficial use whenever practicable, ICs play an important role in site remedies because they reduce exposure to contamination by limiting land or resource use and guide human behavior at a site.

Government Publication Date: Jan 20, 2016

Emergency Response Notification System: ERNS 1982 TO 1986

Database of oil and hazardous substances spill reports controlled by the National Response Center. The primary function of the National Response Center is to serve as the sole national point of contact for reporting oil, chemical, radiological, biological, and etiological discharges into the environment anywhere in the United States and its territories.

Government Publication Date: 1982-1986

Emergency Response Notification System: ERNS 1987 TO 1989

Database of oil and hazardous substances spill reports controlled by the National Response Center. The primary function of the National Response Center is to serve as the sole national point of contact for reporting oil, chemical, radiological, biological, and etiological discharges into the environment anywhere in the United States and its territories.

Government Publication Date: 1987-1989

Emergency Response Notification System: ERNS

Database of oil and hazardous substances spill reports controlled by the National Response Center. The primary function of the National Response Center is to serve as the sole national point of contact for reporting oil, chemical, radiological, biological, and etiological discharges into the environment anywhere in the United States and its territories. This database is made available by the United States Environmental Protection Agency (EPA).

Government Publication Date: Feb 8, 2017

The Assessment, Cleanup and Redevelopment Exchange System (ACRES) Brownfield Database: FED BROWNFIELDS

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 protects the environment, reduces blight, and takes development pressures off greenspaces and working lands. This database is made available by the United States Environmental Protection Agency (EPA).

Government Publication Date: Feb 20, 2018

FEMA Underground Storage Tank Listing: FEMA UST

The Federal Emergency Management Agency (FEMA) of the Department of Homeland Security maintains a list of FEMA owned underground storage tanks.

Government Publication Date: Dec 31, 2017

LIEN on Property: SEMS LIEN

The EPA Superfund Enterprise Management System (SEMS) provides LIEN information on properties under the EPA Superfund Program.

Government Publication Date: Apr 11, 2018

State

State Response Sites: RESPONSE

A list of identified confirmed release sites where the Department of Toxic Substances Control (DTSC) is involved in remediation, either in a lead or oversight capacity. These confirmed release sites are generally high-priority and high potential risk. This database is state equivalent NPL.

Government Publication Date: Apr 18, 2018

EnviroStor Database: ENVIROSTOR

The EnviroStor Data Management System is made available by the Department of Toxic Substances Control (DTSC). Includes Corrective Action sites, Tiered Permit sites, Historical Sites and Evaluation/Investigation sites. This database is state equivalent CERCLIS.
Government Publication Date: Feb 26, 2018

Delisted State Response Sites: DELISTED ENVS
Sites removed from the list of State Response Sites made available by the EnviroStor Data Management System, Department of Toxic Substances Control (DTSC).
Government Publication Date: Apr 18, 2018

Solid Waste Information System (SWIS): SWF/LF
The Solid Waste Information System (SWIS) database made available by the Department of Resources Recycling and Recovery (CalRecycle) contains information on solid waste facilities, operations, and disposal sites throughout the State of California. The types of facilities found in this database include landfills, transfer stations, material recovery facilities, composting sites, transformation facilities, waste tire sites, and closed disposal sites.
Government Publication Date: May 7, 2018

EnviroStor Hazardous Waste Facilities: HWP
A list of hazardous waste facilities including permitted, post-closure and historical facilities found in the Department of Toxic Substances Control (DTSC) EnviroStor database.
Government Publication Date: Jan 30, 2018

Land Disposal Sites: LDS
Land Disposal Sites in GeoTracker, the State Water Resources Control Board (SWRCB)'s data management system. The Land Disposal program regulates of waste discharge to land for treatment, storage and disposal in waste management units. Waste management units include waste piles, surface impoundments, and landfills.
Government Publication Date: Dec 04, 2017

Leaking Underground Fuel Tank Reports: LUST
List of Leaking Underground Storage Tanks within the Cleanup Sites data in GeoTracker database. GeoTracker is the State Water Resources Control Board's (SWRCB) data management system for managing sites that impact groundwater, especially those that require groundwater cleanup (Underground Storage Tanks, Department of Defense and Site Cleanup Program) as well as permitted facilities such as operating Underground Storage Tanks. The Leak Prevention Program that overlooks LUST sites is the SWRCB in California's Environmental Protection Agency.
Government Publication Date: Apr 3, 2018

Delisted Leaking Storage Tanks: DELISTED LST
List of Leaking Underground Storage Tanks (LUST) cleanup sites removed from GeoTracker, the State Water Resources Control Board (SWRCB)'s database system, as well as sites removed from the SWRCB's list of UST Case closures.
Government Publication Date: Apr 3, 2018

Permitted Underground Storage Tank (UST) in GeoTracker: UST
List of Permitted Underground Storage Tank (UST) sites made available by the State Water Resources Control Board (SWRCB) in California's Environmental Protection Agency (EPA).
Government Publication Date: Mar 11, 2018

Proposed Closure of Underground Storage Tank Cases: UST CLOSURE
List of UST cases that are being considered for closure by either the California Environmental Protection Agency, State Water Resources Control Board or the Executive Director that have been posted for a 60-day public comment period.
Government Publication Date: Jan 31, 2018

Historical Hazardous Substance Storage Information Database: HHSS
The Historical Hazardous Substance Storage database contains information collected in the 1980s from facilities that stored hazardous substances. The information was originally collected on paper forms, was later transferred to microfiche, and recently indexed as a searchable database. When using this database, please be aware that it is based upon self-reported information submitted by facilities which has not been independently verified. It is unlikely that every facility responded to the survey and the database should not be expected to be a complete inventory of all facilities that were operating at that time. This database is maintained by the California State Water Resources Control Board's (SWRCB) Geotracker.
Government Publication Date: Aug 27, 2015

Aboveground Storage Tanks: AST

A statewide list from 2009 of aboveground storage tanks (ASTs) made available by the Cal FIRE Office of the State Fire Marshal (OSFM). This list is no longer maintained or updated by the Cal FIRE OSFM.

Government Publication Date: Aug 31, 2009

Delisted Storage Tanks: DELISTED TNK

This database contains a list of storage tank sites that were removed by the State Water Resources Control Board (SWRCB) in California's Environmental Protection Agency (EPA) and the Cal FIRE Office of State Fire Marshal (OSFM).

Government Publication Date: Mar 11, 2018

California Environmental Reporting System (CERS) Tanks: CERS TANK

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. The CalEPA oversees the statewide implementation of the Unified Program which applies regulatory standards to protect Californians from hazardous waste and materials.

Government Publication Date: Mar 22, 2018

Delisted Environmental Reporting System (CERS) Hazardous Waste Sites: DELISTED HAZ

This database contains a list of sites that were removed from the California Environmental Protection Agency (CalEPA) in the following regulatory programs: Hazardous Chemical Management, Hazardous Waste Onsite Treatment, Household Hazardous Waste Collection, Hazardous Waste Generator, RCRA LQ HW Generator.

Government Publication Date: Mar 22, 2018

Site Mitigation and Brownfields Reuse Program Facility Sites with Land Use Restrictions: LUR

The Department of Toxic Substances Control (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 land use restrictions that are active. Some sites have multiple land use restrictions.

Government Publication Date: Apr 18, 2018

Hazardous Waste Management Program Facility Sites with Deed / Land Use Restrictions: HLUR

The Department of Toxic Substances Control (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.

Government Publication Date: Feb 18, 2018

Deed Restrictions and Land Use Restrictions: DEED

List of Deed Restrictions, Land Use Restrictions and Covenants in GeoTracker made available by the State Water Resources Control Board (SWRCB) in California's Environmental Protection Agency. A deed restriction (land use covenant) may be required to facilitate the remediation of past environmental contamination and to protect human health and the environment by reducing the risk of exposure to residual hazardous materials.

Government Publication Date: Jan 11, 2018

Voluntary Cleanup Program: VCP

List of sites in the Voluntary Cleanup Program made available by the Department of Toxic Substances and Control (DTSC). The Voluntary Cleanup Program was designed to respond to lower priority sites. Under the Voluntary Cleanup Program, DTSC enters site-specific agreements with project proponents for DTSC oversight of site assessment, investigation, and/or removal or remediation activities, and the project proponents agree to pay DTSC's reasonable costs for those services.

Government Publication Date: Feb 26, 2018

GeoTracker Cleanup Sites Data: CLEANUP SITES

A list of cleanup sites in the state of California made available by The State Water Resources Control Board (SWRCB) of the California Environmental Protection Agency (EPA). SWRCB tracks leaking underground storage tank cleanups as well as other water board cleanups.

Government Publication Date: Apr 3, 2018

California Environmental Reporting System (CERS) Hazardous Waste Sites: CERS HAZ

List of sites in the California Environmental Protection Agency (CalEPA) Regulated Site Portal which fall under the following regulatory programs: Hazardous Chemical Management, Hazardous Waste Onsite Treatment, Household Hazardous Waste Collection, Hazardous Waste Generator, RCRA LQ HW Generator. The CalEPA oversees the statewide implementation of the Unified Program which applies regulatory standards to protect Californians from hazardous waste and materials.

Government Publication Date: Mar 22, 2018

Delisted California Environmental Reporting System (CERS) Tanks: DELISTED CTNK

This database contains a list of Aboveground Petroleum Storage and Underground Storage Tank sites that were removed from in the California Environmental Protection Agency (CalEPA) Regulated Site Portal.

Government Publication Date: Mar 22, 2018

Historical Hazardous Substance Storage Container Information - Facility Summary: HIST TANK

The State Water Resources Control Board maintained the Hazardous Substance Storage Containers listing and inventory in th 1980s. This facility summary lists historic tank sites where the following container types were present: farm motor vehicle fuel tanks; waste tanks; sumps; pits, ponds, lagoons, and others; and all other product tanks. This set, published in May 1988, lists facility and owner information, as well as the number of containers. This data is historic and will not be updated.

Government Publication Date: May 27, 1988

Tribal

Leaking Underground Storage Tanks (LUSTs) on Indian Lands: INDIAN LUST

LUSTs on Tribal/Indian Lands in Region 9, which includes California.

Government Publication Date: Dec 31, 2017

Underground Storage Tanks (USTs) on Indian Lands: INDIAN UST

USTs on Tribal/Indian Lands in Region 9, which includes California.

Government Publication Date: Dec 31, 2017

Delisted Tribal Leaking Storage Tanks: DELISTED ILST

Leaking Underground Storage Tank facilities which have been removed from the Regional Tribal LUST lists made available by the EPA.

Government Publication Date: Oct 14, 2017

Delisted Tribal Underground Storage Tanks: DELISTED IUST

Underground Storage Tank facilities which have been removed from the Regional Tribal UST lists made available by the EPA.

Government Publication Date: Oct 14, 2017

County

Delisted County Records: DELISTED COUNTY

Records removed from county or CUPA databases. Records may be removed from the county lists made available by the respective county departments because they are inactive, or because they have been deemed to be below reportable thresholds.

Government Publication Date: May 21, 2018

San Francisco County Aboveground Storage Tanks List: SANFRAN AST

A list of Aboveground Storage Tanks (ASTs) facilities inspected by San Francisco Department of Public Health's (SFDPH) Hazardous Materials and Waste Program. Aboveground storage containers or tanks include oil-filled equipment (such as hydraulic systems/reservoirs and heat transfer systems) which have a petroleum storage capacity of 55 gallons or greater.

Government Publication Date: Apr 20, 2018

San Francisco County CUPA Facilities List: SANFRAN CUPA

A list of facilities associated with various Certified Unified Program Agency (CUPA) programs in San Francisco County. This list is made available by San Francisco County Hazardous Materials and Waste Program which is the CUPA for all areas of the County.

Government Publication Date: Apr 20, 2018

San Francisco County LOP Sites: SANFRAN LOP

A list of Underground Storage Tank (UST) release sites in the County of San Francisco. This list is made available by San Francisco County Department of Public Health Environmental Health Protection Branch.

Government Publication Date: Aug 8, 2017

San Francisco County UST List: SANFRAN UST

A list of all registered Underground Storage Tanks (USTs) in the County of San Francisco. This ist is made available by San Francisco County Environmental Health Division. The Hazardous Materials and Waste Program provides regulatory oversight for the construction, operation, repair and removal of USTs in San Francisco.

Government Publication Date: May 17, 2018

San Mateo County CUPA Facilities List: SANMATEO CUPA

A list of facilities associated with various Certified Unified Program Agency (CUPA) programs in San Mateo County. This list is made available by San Mateo County Environmental Health Department which has been designated as the CUPA for the County.

Government Publication Date: May 21, 2018

San Mateo County LOP List: SANMATEO LOP

A list of Leaking Underground Storage Tank (LUST) facilities in San Mateo County. This list is made available by San Mateo County Environmental Health Services Division.

Government Publication Date: Jan 3, 2018

Additional Environmental Record Sources

Federal

Facility Registry Service/Facility Index: FINDS/FRS

The US Environmental Protection Agency (EPA)'s Facility Registry System (FRS) is a centrally managed database that identifies facilities, sites or places subject to environmental regulations or of environmental interest. FRS creates high-quality, accurate, and authoritative facility identification records through rigorous verification and management procedures that incorporate information from program national systems, state master facility records, data collected from EPA's Central Data Exchange registrations and data management personnel.

Government Publication Date: Apr 17, 2018

Toxics Release Inventory (TRI) Program: TRIS

The EPA's Toxics Release Inventory (TRI) is a database containing data on disposal or other releases of over 650 toxic chemicals from thousands of U.S. facilities and information about how facilities manage those chemicals through recycling, energy recovery, and treatment. One of TRI's primary purposes is to inform communities about toxic chemical releases to the environment.

Government Publication Date: Dec 31, 2016

Hazardous Materials Information Reporting System: HMIRS

US DOT - Department of Transportation Pipeline and Hazardous Materials Safety Administration (PHMSA) Incidents Reports Database taken from Hazmat Intelligence Portal, U.S. Department of Transportation.

Government Publication Date: Sep 11, 2017

National Clandestine Drug Labs: NCDL

The U.S. Department of Justice ("the Department") provides this data 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.

Government Publication Date: Dec 21, 2017

Inventory of Open Dumps, June 1985: ODI

The Resource Conservation and Recovery Act (RCRA of the Act) provides for publication of an inventory of open dumps. The Act defines "open dumps" as facilities which do not comply with EPA's "Criteria for Classification of Solid Waste Disposal Facilities and Practices" (40 CFR 257).

Government Publication Date: Jun 1985

EPA Report on the Status of Open Dumps on Indian Lands: IODI

Public Law 103-399, The Indian Lands Open Dump Cleanup Act of 1994, enacted October 22, 1994, identified ongressional concerns that solid waste open dump sites located on American Indian or Alaska Native (AI/AN) lands threaten the health and safety of residents of those lands and contiguous areas. The purpose of the Act is to identify the location of open dumps on Indian lands, assess the relative health and environment hazards posed by those sites, and provide financial and technical assistance to Indian tribal governments to close such dumps in compliance with Federal standards and regulations or standards promulgated by Indian Tribal governments or Alaska Native entities.

Government Publication Date: Dec 31, 1998

Toxic Substances Control Act: TSCA

The Environmental Protection Agency (EPA) is amending the Toxic Substances Control Act (TSCA) section 8(a) Inventory Update Reporting (IUR) rule and changing its name to the Chemical Data Reporting (CDR) rule.
The CDR enables EPA to collect and publish information on the manufacturing, processing, and use of commercial chemical substances and mixtures (referred to hereafter as chemical substances) on the TSCA Chemical Substance Inventory (TSCA Inventory). This includes current information on chemical substance production volumes, manufacturing sites, and how the chemical substances are used. This information helps the Agency determine whether people or the environment are potentially exposed to reported chemical substances. EPA publishes submitted CDR data that is not Confidential Business Information (CBI).

Government Publication Date: Jun 30, 2017

Hist TSCA: HIST TSCA

The Environmental Protection Agency (EPA) is amending the Toxic Substances Control Act (TSCA) section 8(a) Inventory Update Reporting (IUR) rule and changing its name to the Chemical Data Reporting (CDR) rule.
The 2006 IUR data summary report includes information about chemicals manufactured or imported in quantities of 25,000 pounds or more at a single site during calendar year 2005. In addition to the basic manufacturing information collected in previous reporting cycles, the 2006 cycle is the first time EPA collected information to characterize exposure during manufacturing, processing and use of organic chemicals. The 2006 cycle also is the first time manufacturers of inorganic chemicals were required to report basic manufacturing information.

Government Publication Date: Dec 31, 2006

FTTS Administrative Case Listing: FTTS ADMIN

An administrative case listing from the Federal Insecticide, Fungicide, & Rodenticide Act (FIFRA) and Toxic Substances Control Act (TSCA), together known as FTTS. This database was obtained from the Environmental Protection Agency's (EPA) National Compliance Database (NCDB). The FTTS and NCDB was shut down in 2006.

Government Publication Date: Jan 19, 2007

FTTS Inspection Case Listing: FTTS INSP

An inspection case listing from the Federal Insecticide, Fungicide, & Rodenticide Act (FIFRA) and Toxic Substances Control Act (TSCA), together known as FTTS. This database was obtained from the Environmental Protection Agency's (EPA) National Compliance Database (NCDB). The FTTS and NCDB was shut down in 2006.

Government Publication Date: Jan 19, 2007

Potentially Responsible Parties List: PRP

Early in the cleanup process, the Environmental Protection Agency (EPA) conducts a search to find the potentially responsible parties (PRPs). EPA looks for evidence to determine liability by matching wastes found at the site with parties that may have contributed wastes to the site.

Government Publication Date: Oct 10, 2017

State Coalition for Remediation of Drycleaners Listing: SCRD DRYCLEANER

The State Coalition for Remediation of Drycleaners (SCRD) was established in 1998, with support from the U.S. Environmental Protection Agency (EPA) Office of Superfund Remediation and Technology Innovation. Coalition members are states with mandated programs and funding for drycleaner site remediation. Current members are Alabama, Connecticut, Florida, Illinois, Kansas, Minnesota, Missouri, North Carolina, Oregon, South Carolina, Tennessee, Texas, and Wisconsin.

Government Publication Date: Nov 08, 2017

Integrated Compliance Information System (ICIS): ICIS

The Integrated Compliance Information System (ICIS) is a system that provides information for the Federal Enforcement and Compliance (FE&C) and the National Pollutant Discharge Elimination System (NPDES) programs. The FE&C component supports the Environmental Protection Agency's (EPA) Civil Enforcement and Compliance program activities. These activities include Compliance Assistance, Compliance Monitoring and Enforcement. The NPDES program supports tracking of NPDES permits, limits, discharge monitoring data and other program reports.

Government Publication Date: Nov 18, 2016

Drycleaner Facilities: FED DRYCLEANERS

A list of drycleaner facilities from the Integrated Compliance Information System (ICIS). The Environmental Protection Agency (EPA) tracks facilities that possess NAIC and SIC codes that classify businesses as drycleaner establishments.

Government Publication Date: Sep 14, 2016

Delisted Drycleaner Facilities: DELISTED FED DRY

List of sites removed from the list of Drycleaner Facilities (sites in the EPA's Integrated Compliance Information System (ICIS) with NAIC or SIC codes identifying the business as a drycleaner establishment).

Government Publication Date: Sep 14, 2016

Formerly Used Defense Sites: FUDS

Formerly Used Defense Sites (FUDS) are properties that were formerly owned by, leased to, or otherwise possessed by and under the jurisdiction of the Secretary of Defense prior to October 1986, where the Department of Defense (DoD) is responsible for an environmental restoration. This list is published by the U.S. Army Corps of Engineers.

Government Publication Date: Nov 22, 2016

Material Licensing Tracking System (MLTS): MLTS

A list of sites that store radioactive material subject to the Nuclear Regulatory Commission (NRC) licensing requirements. This list is maintained by the NRC. As of September 2016, the NRC no longer releases location information for sites. Site locations were last received in July 2016.

Government Publication Date: Sep 13, 2016

Historic Material Licensing Tracking System (MLTS) sites: HIST MLTS

A historic list of sites that have inactive licenses and/or removed from the Material Licensing Tracking System (MLTS). In some cases, a site is removed from the MLTS when the state becomes an "Agreement State". An Agreement State is a State that has signed an agreement with the Nuclear Regulatory Commission (NRC) authorizing the State to regulate certain uses of radioactive materials within the State.

Government Publication Date: Jan 31, 2010

Mines Master Index File: MINES

The Master Index File (MIF) contains mine identification numbers issued by the Department of Labor Mine Safety and Health Administration (MSHA) for mines active or opened since 1971. Note that addresses may or may not correspond with the physical location of the mine itself.

Government Publication Date: Jul 31, 2017

Alternative Fueling Stations: ALT FUELS

List of alternative fueling stations made available by the US Department of Energy's Office of Energy Efficiency & Renewable Energy. Includes Biodiesel stations, Ethanol (E85) stations, Liquefied Petroleum Gas (Propane) stations, Ethanol (E85) stations, Natural Gas stations, Hydrogen stations, and Electric Vehicle Supply Equipment (EVSE). The National Renewable Energy Laboratory (NREL) obtains information about new stations from trade media, Clean Cities coordinators, a Submit New Station form on the Station Locator website, and through collaborating with infrastructure equipment and fuel providers, original equipment manufacturers (OEMs), and industry groups.

Government Publication Date: Apr 25, 2018

Superfund Decision Documents: SUPERFUND ROD

This database contains a listing of decision documents for Superfund sites. Decision documents serve to provide the reasoning for the choice of (or) changes to a Superfund Site cleanup plan. The decision documents include Records of Decision (ROD), ROD Amendments, Explanations of Significant Differences (ESD), along with other associated memos and files. This information is maintained and made available by the US EPA (Environmental Protection Agency).

Government Publication Date: Apr 11, 2018

Registered Pesticide Establishments: SSTS

List of active EPA-registered foreign and domestic pesticide-producing and device-producing establishments based on data from the Section Seven Tracking System (SSTS). The Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA) Section 7 requires that facilities producing pesticides, active ingredients, or devices be registered. The list of establishments is made available by the EPA.

Government Publication Date: Mar 1, 2018

Polychlorinated Biphenyl (PCB) Notifiers: PCB

Facilities included in the national list of facilities that have notified the United States Environmental Protection Agency (EPA) of Polychlorinated Biphenyl (PCB) activities. Any company or person storing, transporting or disposing of PCBs or conducting PCB research and development must notify the EPA and receive an identification number.

Government Publication Date: Nov 30, 2017

State

EnviroStor Inspection, Compliance, and Enforcement: INSP COMP ENF

A list of permitted facilities with inspections and enforcements tracked in the Department of Toxic Substance Control (DTSC) EnviroStor.

Government Publication Date: Nov 24, 2017

Clandestine Drug Lab Sites: CDL

The Department of Toxic Substances Control (DTSC) maintains a listing of drug lab sites. DTSC is responsible for removal and disposal of hazardous substances discovered by law enforcement officials while investigating illegal/clandestine drug laboratories.

Government Publication Date: Jun 30, 2017

School Property Evaluation Program Sites: SCH

A list of sites registered with The Department of Toxic Substances Control (DTSC) School Property Evaluation and Cleanup (SPEC) Division. SPEC is responsible for assessing, investigating and cleaning up proposed school sites. The Division ensures that selected properties are free of contamination or, if the properties were previously contaminated, that they have been cleaned up to a level that protects the students and staff who will occupy the new school.

Government Publication Date: Feb 26, 2018

California Hazardous Material Incident Report System (CHMIRS): CHMIRS

A list of reported hazardous material incidents, spills, and releases from the California Hazardous Material Incident Report System (CHMIRS). This list has been made available by the California Office of Emergency Services (OES).

Government Publication Date: Aug 21, 2017

Sites Listed in the Solid Waste Assessment Test (SWAT) Program Report: SWAT

In a 1993 Memorandum of Understanding, the State Water Resources Control Board (SWRCB) agreed to submit a comprehensive report on the Solid Waste Assessment Test (SWAT) Program to the California Integrated Waste Management Board (CIWMB). This report summarizes the work completed to date on the SWAT Program, and addresses both the impacts that leakage from solid waste disposal sites (SWDS) may have upon waters of the State and the actions taken to address such leakage.

Government Publication Date: Dec 31, 1995

Hazardous Waste Manifest Data: HAZNET

A list of hazardous waste manifests received each year by Department of Toxic Substances Control (DTSC). The volume of manifests is typically 900,000 - 1,000,000 annually, representing approximately 450,000 - 500,000 shipments.

Government Publication Date: Oct 24, 2016

Solid Waste Disposal Sites with Waste Constituents Above Hazardous Waste Levels: SWRCB SWF

This is a list of solid waste disposal sites identified by California State Water Resources Control Board with waste constituents above hazardous waste levels outside the waste management unit.

Government Publication Date: Sep 20, 2006

Hazardous Waste and Substances Site List - Site Cleanup: HWSS CLEANUP

The Hazardous Waste and Substances Sites (Cortese) List is a planning document used by the State, local agencies and developers to comply with the California Environmental Quality Act requirements in providing information about the location of hazardous materials release sites. This list is published by California Department of Toxic Substance Control.

Government Publication Date: Feb 1, 2018

List of Hazardous Waste Facilities Subject to Corrective Action: DTSC HWF

This is a list of hazardous waste facilities identified in Health and Safety Code (HSC) § 25187.5. These facilities are those where Department of Toxic Substances Control (DTSC) has taken or contracted for corrective action because a facility owner/operator has failed to comply with a date for taking corrective action in an order issued under HSC § 25187, or because DTSC determined that immediate corrective action was necessary to abate an imminent or substantial endangerment.

Government Publication Date: Jul 18, 2016

Historical Hazardous Waste Manifest Data: HIST MANIFEST

A list of historic hazardous waste manifests received by the Department of Toxic Substances Control (DTSC) from year the 1980 to 1992. The volume of manifests is typically 900,000 - 1,000,000 annually, representing approximately 450,000 - 500,000 shipments.

Government Publication Date: Dec 31, 1992

Historical California Hazardous Material Incident Report System (CHMIRS): HIST CHMIRS

A list of reported hazardous material incidents, spills, and releases from the California Hazardous Material Incident Report System (CHMIRS) prior to 1993. This list has been made available by the California Office of Emergency Services (OES).

Government Publication Date: Jan 1, 1993

Historical Cortese List: HIST CORTESE

List of sites which were once included on the Cortese list. The Hazardous Waste and Substances Sites (Cortese) List is a planning document used by the State, local agencies and developers to comply with the California Environmental Quality Act requirements for providing information about the location of hazardous sites.

Government Publication Date: Nov 13, 2008

Cease and Desist Orders and Cleanup and Abatement Orders: CDO/CAO

The California Environment Protection Agency "Cortese List" of active Cease and Desist Orders (CDO) and Cleanup and Abatement Orders (CAO). This list contains many CDOs and CAOs that do NOT concern the discharge of wastes that are hazardous materials. Many of the listed orders concern, as examples, discharges of domestic sewage, food processing wastes, or sediment that do not contain hazardous materials, but the Water Boards' database does not distinguish between these types of orders.

Government Publication Date: Feb 16, 2012

Drycleaner Facilities: DRYCLEANERS

A list of drycleaner related facilities that have EPA ID numbers. These are facilities with certain SIC codes: power laundries, family and commercial, linen supply, commercial laundry, dry cleaning and pressing machines - Coin Operated Laundry and Dry Cleaning. This is provided by the Department of Toxic Substance Control.

Government Publication Date: Jan 18, 2018

Delisted Drycleaners: DELISTED DRYC

Sites removed from the list of drycleaner related facilities that have EPA ID numbers, made available by the California Department of Toxic Substance Control.

Government Publication Date: Jan 18, 2018

Waste Discharge Requirements: WASTE DISCHG

List of sites in California State Water Resources Control Board (SWRCB) Waste Discharge Requirements (WDRs) Program in California, made available by the SWRCB via GeoTracker. The WDR program regulates point discharges that are exempt pursuant to Subsection 20090 of Title 27 and not subject to the Federal Water Pollution Control Act. The scope of the WDRs Program also includes the discharge of wastes classified as inert, pursuant to section 20230 of Title 27.

Government Publication Date: May 30, 2018

Toxic Pollutant Emissions Facilities: EMISSIONS

A list of criteria and toxic pollutant emissions data for facilities in California made available by the California Environmental Protection Agency - Air Resources Board (ARB). Risk data may be based on previous inventory submittals. The toxics data are submitted to the ARB by the local air districts as requirement of the Air Toxics "Hot Spots" Program. This program requires emission inventory updates every four years.

Government Publication Date: Dec 31, 2015

Tribal

No Tribal additional environmental record sources available for this State.

County

No County additional environmental databases were selected to be included in the search.

Definitions

Database Descriptions: This section provides a detailed explanation for each database including: source, information available, time coverage, and acronyms used. They are listed in alphabetic order.

Detail Report: This is the section of the report which provides the most detail for each individual record. Records are summarized by location, starting with the project property followed by records in closest proximity.

Distance: The distance value is the distance between plotted points, not necessarily the distance between the sites' boundaries. All values are an approximation.

Direction: The direction value is the compass direction of the site in respect to the project property and/or center point of the report.

Elevation: The elevation value is taken from the location at which the records for the site address have been plotted. All values are an approximation. Source: Google Elevation API.

Executive Summary: This portion of the report is divided into 3 sections:

'Report Summary'- Displays a chart indicating how many records fall on the project property and, within the report search radii.

'Site Report Summary'-Project Property'- This section lists all the records which fall on the project property. For more details, see the 'Detail Report' section.

'Site Report Summary-Surrounding Properties'- This section summarizes all records on adjacent properties, listing them in order of proximity from the project property. For more details, see the 'Detail Report' section.

Map Key: The map key number is assigned according to closest proximity from the project property. Map Key numbers always start at #1. The project property will always have a map key of '1' if records are available. If there is a number in brackets beside the main number, this will indicate the number of records on that specific property. If there is no number in brackets, there is only one record for that property.

The symbol and colour used indicates 'elevation': the red inverted triangle will dictate 'ERIS Sites with Lower Elevation', the yellow triangle will dictate 'ERIS Sites with Higher Elevation' and the orange square will dictate 'ERIS Sites with Same Elevation.'

Unplottables: These are records that could not be mapped due to various reasons, including limited geographic information. These records may or may not be in your study area, and are included as reference.

FARALLON CONSULTING

Washington
Issaquah | Bellingham | Seattle
Oregon
Portland | Baker City
California
Oakland | Folsom | Irvine

August 21, 2019

Mr. Tyler Higgins
Orchard Partners, LLC
3697 Mount Diablo Boulevard, Suite 200
Lafayette, California 94549

RE: PHASE II ENVIRONMENTAL SITE ASSESSMENT FINDINGS
BRISBANE QUARRY
1 QUARRY ROAD
BRISBANE, CALIFORNIA
FARALLON PN: 1363-006

Dear Mr. Higgins:

Farallon Consulting, L.L.C. (Farallon) has prepared this letter to summarize the findings from the Phase II Environmental Site Assessment (Phase II ESA) performed for Orchard Partners, LLC (Orchard Partners) for the property at 1 Quarry Road in Brisbane, California (herein referred to as the Site) (Figure 1). The Phase II ESA was performed in accordance with the scope of work outlined in the letter regarding Proposal for Phase II Environmental Site Assessment, Brisbane Quarry, 1 Quarry Road, Brisbane, California dated May 22, 2019 from Messrs. Gavin Polite Fisco and Scott Allin of Farallon to Mr. Tyler Higgins of Orchard Partners.

This letter provides a brief background of the Site, summarizes the Phase II ESA findings, and presents Farallon's conclusions based on the findings.

SITE BACKGROUND

The Site consists of San Mateo County Parcel Nos. 005-270-070, 005-270-080, 005-270-090, and 005-270-110, which total approximately 144 acres of land developed with several small single-story office buildings and storage canopies. The storage canopies were used to store nonhazardous and hazardous materials and wastes related to active quarrying operations conducted on the Site. Other features on the Site included asphalt-mixing equipment, rock-crushing equipment, recycled material stockpiles, and stormwater/seepage ponds. Dirt- and gravel-surface roadways are present on the Site. Vehicular access to the Site is gained from Quarry Road at the northeastern corner of the Site.

The Site is owned by several individuals and trusts. The Site is occupied by Evans Brothers, Inc., part of the ownership group, and is used primarily as a rock quarry. Operations primarily include asphalt mixing, rock crushing, and metal and concrete recycling. Sand is imported from several construction sites around the Bay Area and used for mixing in asphalt-generation operations.

The Site is in a mixed light industrial and commercial area. A Site plan depicting the Site boundary and current features is provided on Figure 2.

It is Farallon's understanding the Site is planned for redevelopment with a commercial warehouse building.

During performance of a Phase I ESA for the Site, Farallon identified a significant amount of fill material at the Site. Several large stockpiles of imported concrete and sand were observed during the site reconnaissance. The concrete is recycled into aggregate; the sand is added to asphalt in the mixing process. According to Site occupants, the sand was imported from several construction sites in the San Francisco area and consists of dune sand that existed beneath fill material. The dune sand reportedly was imported to the Site following environmental testing, and as necessary, environmental cleanup of the overlying fill material. The documentation of the environmental testing performed could not be verified. At the request of Orchard Partners, Farallon developed the Phase II ESA scope of work summarized herein to screen the dune sands for industrial constituents.

SUMMARY OF PHASE II ESA FINDINGS

The Phase II ESA was performed by Farallon in phases on June 4, 19, and 20, 2019, and consisted of collecting surficial composite sand samples from locations S-1 through S-9, and composite sand samples from vertical borings B-1 through B-3 on the Site for laboratory analysis. Boring locations are shown on Figure 2.

Prior to commencement of drilling, Farallon obtained Subsurface Drilling Permit No. 19-1007 from the County of San Mateo Groundwater Protection Program. The approved permit is provided in Attachment A.

Surficial composite sand samples consisted of collecting four-point composite samples over a roughly 2,500-square-foot area from a depth of approximately 1 foot below ground surface (bgs). The actual sampling area varied based on access limitations. The surficial composite soil samples were placed in a plastic bag, mixed, and transferred to laboratory-supplied sample containers. To evaluate the interior of the stockpile, vertical borings were advanced using a hollow-stem auger drill rig to a depth of approximately 80 feet bgs. Soil samples from borings were collected in 6-inch brass liners at depth intervals of 20, 40, 60, and 80 feet bgs. The four interval samples were homogenized using a stainless-steel mixing bowl and spoon, producing one composite sample for each boring. During drilling, soil samples were screened for volatile constituents using a photoionization detector. No elevated photoionization detector readings indicative of chemical impact to soil were identified during drilling. Industry-standard methodologies were used for sample preservation and transport.

At the completion of the sampling activities, the boreholes were tremie-grouted with neat cement under the guidance of a County of San Mateo Groundwater Protection Program representative. Excess soil cuttings from drilling activities were restored to the soil stockpile.

SOIL ANALYTICAL RESULTS

Analytical results from the Phase II ESA are summarized in Tables 1 through 6; the laboratory analytical reports are provided in Attachment B. The analytical results for soil samples were compared to the San Francisco Bay Regional Water Quality Control Board Environmental Screening Levels for soil and groundwater dated January 2019 (ESLs), for both unrestricted land use (Tier 1) and other commercial/industrial or exposure values, as referenced in Tables 1 through 6. ESLs are conservative regulatory screening guidelines for determining whether further evaluation is warranted and are not considered specific regulatory cleanup criteria. Soil analytical results from the Phase II ESA are summarized below:

- Total petroleum hydrocarbons as gasoline-range organics were not detected at a concentration exceeding laboratory reporting limits. Total petroleum hydrocarbons as diesel-range organics and/or oil-range organics were detected at concentrations less than Tier 1 ESLs in all sand samples.
- Volatile organic compounds were not detected at a concentration exceeding laboratory reporting limits, with the exception of tetrachloroethene, which was detected in the composite sand sample collected from location S-4. Tetrachloroethene was detected at a concentration less than the Tier 1 ESL.
- Several semi-volatile organic compounds were detected at concentrations exceeding laboratory reporting limits. However, only 2,4-dinitrotoluene exceeded Tier 1 ESLs in the composite sand sample collected from boring B-3. All detected semi-volatile organic compound concentrations were less than commercial shallow soil exposure ESLs.
- Several polyaromatic hydrocarbons were detected at concentrations exceeding laboratory reporting limits. However, only benzo(a)pyrene exceeded Tier 1 ESLs in the composite sand samples collected from locations S-3 and S-9, and fluoranthene in the composite sand sample collected from location S-3. All detected polyaromatic hydrocarbon concentrations were less than commercial shallow soil exposure ESLs.
- Arsenic and vanadium were the only metals detected at concentrations exceeding Tier 1 ESLs. Arsenic was detected at concentrations exceeding the commercial shallow soil exposure ESL in all composite sand samples collected at the Site. Arsenic is known to occur naturally in California soil at concentrations exceeding the commercial shallow soil exposure ESL. The San Francisco Bay Regional Water Quality Control Board has identified 11 milligrams per kilogram of arsenic in soil as an acceptable background concentration. The arsenic concentrations detected at the Site were equal to or less than this background concentration. Vanadium was detected at concentrations exceeding the Tier 1 ESL but less than the commercial shallow soil exposure ESL in all composite sand samples. All other metal concentrations were less than the Tier 1 ESLs. Based on the relatively consistent vanadium concentrations detected in the composite samples, the

vanadium concentrations are likely attributable to natural background concentrations for the dune sand.

- Asbestos was not detected at concentrations exceeding the laboratory reporting limits in the composite samples.

CONCLUSIONS

Based on the analytical results from the Phase II ESA, the sand stockpiles have not been impacted by industrial constituents at concentrations exceeding commercial/industrial screening guidelines, and do not represent an environmental concern or warrant further action under a continued commercial/industrial Site use.

CLOSING

Farallon appreciates the opportunity to provide Orchard Partners with environmental consulting services for this project. Please contact Scott Allin at (916) 616-8113 if you have questions or need additional information.

Sincerely,

Farallon Consulting, L.L.C.

Scott Allin, R.E.P.A.
Principal Environmental Scientist

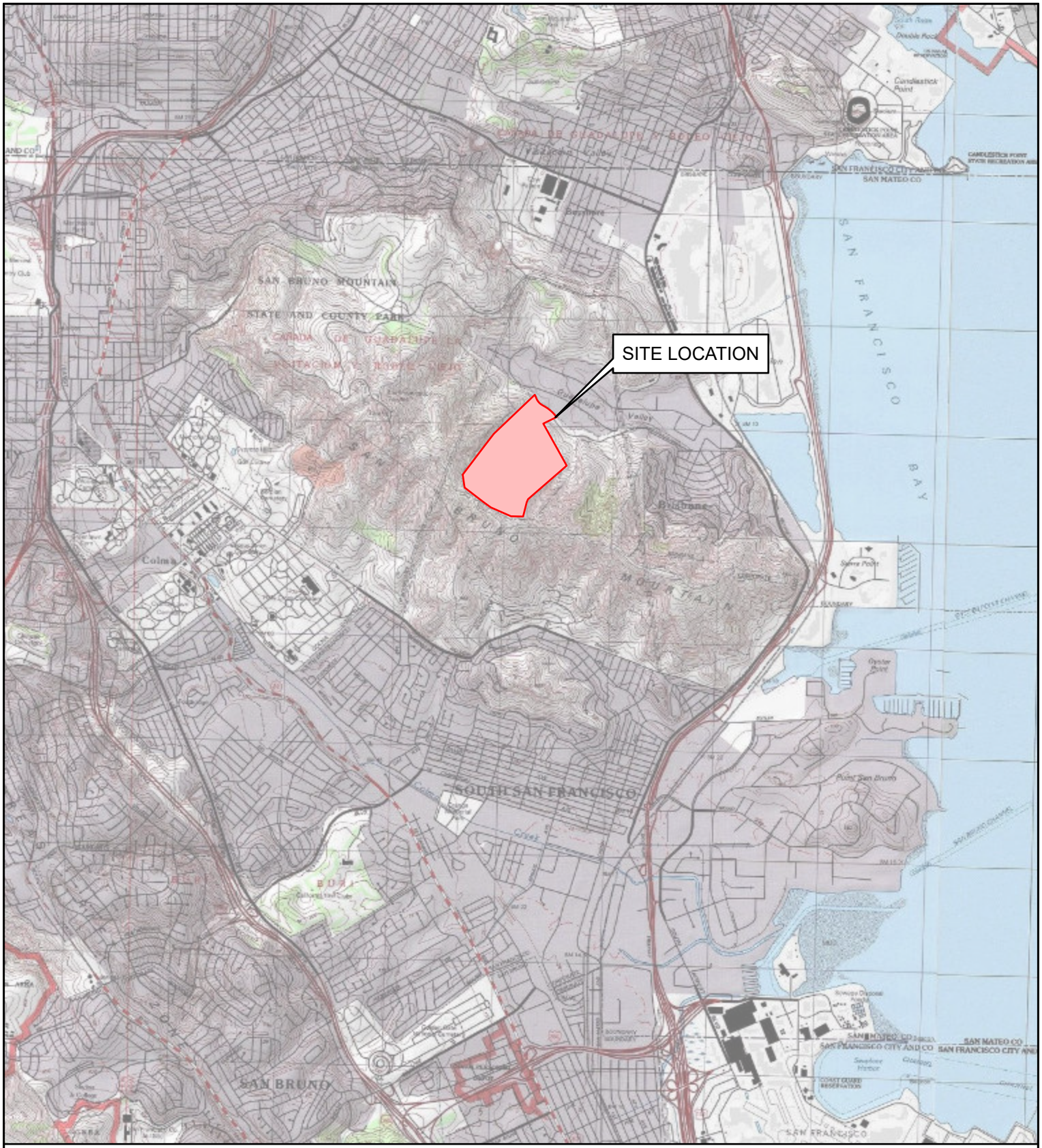
Gavin Polite Fisco, P.G.
Associate Geologist

Attachments: Figure 1, *Site Vicinity Map*
Figure 2, *Site Plan Showing Boring Locations*
Table 1, *Soil Analytical Results for TPH*
Table 2, *Soil Analytical Results for Detected VOCs*
Table 3, *Soil Analytical Results for Detected SVOCs*
Table 4, *Soil Analytical Results for PAHs*
Table 5, *Soil Analytical Results for Metals*
Table 6, *Soil Analytical Results for Asbestos*
Attachment A, County of San Mateo Groundwater Protection Program Drilling Permit
Attachment B, Laboratory Analytical Reports

FIGURES

PHASE II
ENVIRONMENTAL SITE ASSESSMENT FINDINGS
Brisbane Quarry
1 Quarry Road
Brisbane, California

Farallon PN: 1363-006



REFERENCE: 7.5 MINUTE USGS QUADRANGLE SAN FRANCISCO SOUTH, CALIFORNIA, DATED 2013



N

0 4,000

SCALE IN FEET

FARALLON CONSULTING

Quality Service for Environmental Solutions | farallonconsulting.com

Washington
Issaquah | Bellingham | Seattle

Oregon
Portland | Baker City

California
Oakland | Folsom | Irvine

FIGURE 1

SITE VICINITY MAP
BRISBANE QUARRY
1 QUARRY ROAD
BRISBANE, CALIFORNIA

FARALLON PN: 1363-006

Drawn By: gfisco Checked By: SA Date: 8/1/2019 Disc Reference:
Q:\Projects\1363 Orchard Partners\006 Brisbane Quarry\Mapfiles\006 Brisbane Quarry\006 Brisbane Quarry.aprx



LEGEND

- BORING LOCATION
- SURFACE SAMPLING LOCATION
- SAND STOCKPILE
- SITE BOUNDARY

0 500

SCALE IN FEET

N

NOTES:
1. ALL LOCATIONS ARE APPROXIMATE
2. FIGURES WERE PRODUCED IN COLOR. GRAYSCALE COPIES MAY NOT REPRODUCE ALL ORIGINAL INFORMATION.

FARALLON CONSULTING

Quality Service for Environmental Solutions | farallonconsulting.com

Washington
Issaquah | Bellingham | Seattle

Oregon
Portland | Baker City

California
Oakland | Folsom | Irvine

FIGURE 2

SITE PLAN SHOWING BORING LOCATIONS
BRISBANE QUARRY
1 QUARRY ROAD
BRISBANE, CALIFORNIA

FARALLON PN: 1363-006

Drawn By: gfisco | Checked By: SA | Date: 8/1/2019 | Disc Reference:

Path: Q:\Projects\1363 Orchard Partners\006 Brisbane Quarry\Mapfiles\006 Brisbane Quarry\006 Brisbane Quarry.aprx

TABLES

PHASE II
ENVIRONMENTAL SITE ASSESSMENT FINDINGS
Brisbane Quarry
1 Quarry Road
Brisbane, California

Farallon PN: 1363-006

Table 1
Soil Analytical Results for TPH
Brisbane Quarry
Brisbane, California
Farallon PN: 1363-006

Sample Location	Sample Identification	Sample Date	Analytical Results (milligrams per kilogram)[1]		
			GRO	DRO	ORO
B-1	B-1	6/19/2019	< 1.0	< 1.0	13
B-2	B-2	6/20/2019	< 1.0	4.7	19
B-3	B-3	6/20/2019	< 1.0	4.5	17
S-1	S-1	6/4/2019	< 1.0	7.2	130
S-2	S-2	6/4/2019	< 1.0	1.8	55
S-3	S-3	6/4/2019	< 1.0	4.9	65
S-4	S-4	6/4/2019	< 1.0	1.4	31
S-5	S-5	6/4/2019	< 1.0	4.6	130
S-6	S-6	6/4/2019	< 1.0	< 1.0	23
S-7	S-7	6/4/2019	< 1.0	1.7	22
S-8	S-8	6/4/2019	< 1.0	2.0	33
S-9	S-9	6/4/2019	< 1.0	15	300
San Francisco Bay RWQCB Tier 1 ESLs for Soil[2]			**100**	**260**	**1,600**
San Francisco Bay RWQCB ESLs Commercial: Shallow Soil Exposure[3]			**2,000**	**1,200**	**180,000**

NOTES:

< denotes analyte not detected at or exceeding the laboratory reporting limit listed.

[1]Analyzed by U.S. Environmental Protection Agency Method 8015B.

[2]San Francisco Bay Regional Water Quality Control Board (RWQCB) Tier 1 Environmental Screening Levels (ESLs) for soil dated January 2019 (Rev. 1).

[3]San Francisco Bay Regional Water Quality Control Board (RWQCB) Direct Exposure Human Health Risk Levels for Commercial/Industrial Shallow Soil Exposure (Table S-1), dated January 2019 (Rev. 1).

DRO = total petroleum hydrocarbons (TPH) as diesel-range organics

ESL = Environmental Screening Level

GRO = TPH as gasoline-range organics

ORO = TPH as oil-range organics

Table 2
Soil Analytical Results for Detected Volatile Organic Compounds
Brisbane Quarry
Brisbane, California
Farallon PN: 1363-006

			Analytical Results (milligrams per kilogram)[1]
Sample Location	**Sample Identification**	**Sample Date**	**Tetrachloroethene (PCE)**
B-1	B-1	6/19/2019	< 0.00090
B-2	B-2	6/20/2019	< 0.00083
B-3	B-3	6/20/2019	< 0.00096
S-1	S-1	6/4/2019	< 0.0013
S-2	S-2	6/4/2019	< 0.0011
S-3	S-3	6/4/2019	< 0.0012
S-4	S-4	6/4/2019	0.0030
S-5	S-5	6/4/2019	< 0.0011
S-6	S-6	6/4/2019	< 0.0011
S-7	S-7	6/4/2019	< 0.0011
S-8	S-8	6/4/2019	< 0.0010
S-9	S-9	6/4/2019	< 0.00089
San Francisco Bay RWQCB Tier 1 ESLs for Soil[2]			**0.080**
San Francisco Bay RWQCB ESLs Commercial: Shallow Soil Exposure[3]			**2.7**

NOTES:

< denotes analyte not detected at or exceeding the reporting limit listed.

[1]Analyzed by U.S. Environmental Protection Agency Method 8260B. Only detected VOCs shown in table; see lab report for full list of analytes.

[2]San Francisco Bay Regional Water Quality Control Board (RWQCB) Tier 1 Environmental Screening Levels (ESLs) for soil dated January 2019.

[3]San Francisco Bay Regional Water Quality Control Board (RWQCB) Direct Exposure Human Health Risk Levels for Commercial/Industrial Shallow Soil Exposure (Table S-1), dated January 2019 (Rev. 1).

ESL = Environmental Screening Level
NE = not established

Table 3
Soil Analytical Results for Detected Semi Volatile Organic Compounds
Brisbane Quarry
Brisbane, California
Farallon PN: 1363-006

Sample Location	Sample Identification	Sample Date	Analytical Results (milligrams per kilogram)[1]			
			2,4-Dinitrotoluene	Bis(2-Ethylhexyl) Phthalate	Di-n-Butylphthalate	Phenol
B-1	B-1	6/19/2019	< 0.0063	0.0091	0.0043	< 0.005
B-2	B-2	6/20/2019	< 0.0063	0.0068	< 0.005	< 0.005
B-3	B-3	6/20/2019	**0.065**	0.0079	0.44	0.0052
S-1	S-1	6/4/2019	< 0.013	0.017	< 0.005	< 0.01
S-2	S-2	6/4/2019	< 0.0063	0.0082	0.0033 B	< 0.005
S-3	S-3	6/4/2019	< 0.013	0.029	< 0.005	< 0.01
S-4	S-4	6/4/2019	< 0.0063	0.0081	0.0083 B	< 0.005
S-5	S-5	6/4/2019	< 0.013	0.021	0.016 B	< 0.01
S-6	S-6	6/4/2019	< 0.0063	0.013	0.0035 B	< 0.005
S-7	S-7	6/4/2019	< 0.0063	0.010	0.0038 B	< 0.005
S-8	S-8	6/4/2019	< 0.0063	0.016	0.0077 B	0.0054
S-9	S-9	6/4/2019	< 0.063	< 0.05	0.055	< 0.05
San Francisco Bay RWQCB Tier 1 ESLs for Soil[2]			**0.023**	**0.80**	**NE**	**0.16**
San Francisco Bay RWQCB ESLs Commercial: Shallow Soil Exposure[3]			**11**	**164**	**NE**	**350,000**

NOTES:

Results in **bold** denote concentrations exceeding Tier 1 screening levels.

< denotes analyte not detected at or exceeding the reporting limit listed.

[1]Analyzed by U.S. Environmental Protection Agency Method 8270C. Only detected SVOCs shown in table; see lab report for full list of analytes.

[2]San Francisco Bay Regional Water Quality Control Board (RWQCB) Tier 1 Environmental Screening Levels (ESLs) for soil dated January 2019.

[3]San Francisco Bay Regional Water Quality Control Board (RWQCB) Direct Exposure Human Health Risk Levels for Commercial/Industrial Shallow Soil Exposure (Table S-1), dated January 2019 (Rev. 1).

B = analyte was detected in the associated meth

ESL = Environmental Screening Level

NE = not established

Table 4
Soil Analytical Results for PAHs
Brisbane Quarry
Brisbane, California
Farallon PN: 1363-006

Sample Location	Sample Identification	Sample Date	Analytical Results (milligrams per kilogram)[1]																
			2-Methylnaphthalene	Acenaphthene	Acenaphthylene	Anthracene	Benzo(a)Anthracene	Benzo(a)Pyrene	Benzo(b)Fluoranthene	Benzo(g,h,i)Perylene	Benzo(k)Fluoranthene	Chrysene	Dibenzo(a,h)Anthracene	Fluoranthene	Fluorene	Indeno(1,2,3-cd)Pyrene	Naphthalene	Phenanthrene	Pyrene
B-1	B-1	6/19/2019	< 0.0025	< 0.0013	< 0.0013	< 0.0013	< 0.0050	< 0.0025	0.0014	< 0.0025	< 0.0013	< 0.0025	< 0.0025	0.0035	< 0.0025	< 0.0025	< 0.0013	< 0.0050	0.0038
B-2	B-2	6/20/2019	< 0.0025	< 0.0013	< 0.0013	< 0.0013	< 0.0050	< 0.0025	< 0.0013	< 0.0025	< 0.0013	< 0.0025	< 0.0025	< 0.0013	< 0.0025	< 0.0025	< 0.0013	< 0.0050	< 0.0025
B-3	B-3	6/20/2019	< 0.0025	< 0.0013	< 0.0013	< 0.0013	0.0062	0.0032	0.0023	0.0029	0.0017 B	0.0030 B	< 0.0025	0.0059	< 0.0025	< 0.0025	< 0.0013	< 0.0050	0.0055
S-1	S-1	6/4/2019	< 0.0050	< 0.0026	< 0.0026	< 0.0026	0.018	0.018	0.015	0.026	0.0085	0.023	0.0065	0.023	< 0.0050	0.013	< 0.0026	< 0.01	0.024
S-2	S-2	6/4/2019	< 0.0025	< 0.0013	< 0.0013	< 0.0013	0.0096	0.0070	0.0060	0.0092	0.0047	0.011	0.0034	0.012	< 0.0025	0.0051	< 0.0013	0.0073	0.012
S-3	S-3	6/4/2019	< 0.0050	0.012	0.0075	0.039	0.31	**0.49**	0.33	0.41	0.17	0.38	0.078	**0.73**	0.012	0.33	0.0049	0.29	0.62
S-4	S-4	6/4/2019	< 0.0025	0.0014	0.0023	0.0040	0.015	0.016	0.0089	0.014	0.0060	0.015	0.0042	0.032	< 0.0025	0.0098	< 0.0013	0.017	0.020
S-5	S-5	6/4/2019	0.0067	< 0.0026	< 0.0026	< 0.0026	0.019	0.011	0.0075	0.015	0.0038	0.012	0.0074	0.012	< 0.0050	0.0090	< 0.0026	0.018	0.0097
S-6	S-6	6/4/2019	0.0034	< 0.0013	< 0.0013	< 0.0013	0.0060	0.0033	0.0030	0.0061	0.0019	0.0032	< 0.0025	0.0042	< 0.0025	0.0029	< 0.0013	< 0.0050	0.0054
S-7	S-7	6/4/2019	< 0.0025	< 0.0013	< 0.0013	< 0.0013	< 0.0050	< 0.0025	0.0021	0.0049	0.0021	0.0026	< 0.0025	0.0034	< 0.0025	< 0.0025	< 0.0013	< 0.0050	0.0041
S-8	S-8	6/4/2019	< 0.0025	< 0.0013	< 0.0013	< 0.0013	0.0078	0.0042	0.0026	0.0066	0.0025	0.0032	0.0027	0.0060	< 0.0025	0.0039	< 0.0013	< 0.0050	0.0044
S-9	S-9	6/4/2019	< 0.025	0.024	0.020	0.048	0.20	**0.19**	0.13	0.17	0.15	0.27	0.038	0.55	< 0.025	0.13	< 0.013	0.39	0.39
San Francisco Bay RWQCB Tier 1 ESLs for Soil[2]			**0.88**	**12**	**6.4**	**1.9**	**0.63**	**0.11**	**1.1**	**2.5**	**2.8**	**2.2**	**0.11**	**0.69**	**6.0**	**0.48**	**0.042**	**7.8**	**45**
San Francisco Bay RWQCB ESLs Commercial: Shallow Soil Exposure[3]			**3,000**	**45,000**	**NE**	**230,000**	**20**	**2.1**	**21**	**NE**	**210**	**2,100**	**2.1**	**30,000**	**30,000**	**21**	**17**	**NE**	**23,000**

NOTES:

Results in **bold** denote concentrations exceeding Tier 1 screening levels.

< denotes analyte not detected at or exceeding the reporting limit listed.

[1]Analyzed by U.S. Environmental Protection Agency Method 8270C.

[2]San Francisco Bay Regional Water Quality Control Board (RWQCB) Tier 1 Environmental Screening Levels (ESLs) for soil dated January 2019.

[3]San Francisco Bay Regional Water Quality Control Board (RWQCB) Direct Exposure Human Health Risk Levels for Commercial/Industrial Shallow Soil Exposure (Table S-1), dated January 2019 (Rev. 1).

B = analyte was detected in the associated method blank.

ESL = Environmental Screening Level

NE = not established

PAH = polycylic aromatic hydrocarbons

Table 5
Soil Analytical Results for Metals
Brisbane Quarry
Brisbane, California
Farallon PN: 1363-006

Sample Location	Sample Identification	Sample Date	Analytical Results (milligrams per kilogram)[1]															
			Antimony	Arsenic	Barium	Beryllium	Cadmium	Chromium	Cobalt	Copper	Lead	Mercury	Molybdenum	Nickel	Selenium	Silver	Thallium	Vanadium	Zinc
B-1	B-1	6/19/2019	1.3	11	120	0.56	< 0.25	67	15	36	8.1	0.050	1.0	52	< 0.50	< 0.50	< 0.50	**64**	65
B-2	B-2	6/20/2019	< 0.50	3.1	35	< 0.50	< 0.25	47	5.2	5.5	3.2	< 0.050	< 0.50	31	< 0.50	< 0.50	< 0.50	**33**	20
B-3	B-3	6/20/2019	0.68	6.2	95	0.62	< 0.50	60	12	14	4.2	< 0.050	0.74	48	< 0.50	< 0.50	< 0.50	**54**	45
S-1	S-1	6/4/2019	< 0.50	5.5	260	< 0.50	0.27	76	14	27	8.5	< 0.050	1.2	82	0.55	< 0.50	< 0.50	**70**	61
S-2	S-2	6/4/2019	< 0.50	3.9	110	< 0.50	< 0.25	58	7.3	14	5.7	< 0.050	0.68	39	< 0.50	< 0.50	< 0.50	**57**	43
S-3	S-3	6/4/2019	< 0.50	4.9	180	< 0.50	0.32	52	8.1	20	7.3	< 0.050	1.1	47	0.56	< 0.50	< 0.50	**58**	54
S-4	S-4	6/4/2019	< 0.50	3.2	34	< 0.50	< 0.25	63	6.5	7.6	3.4	< 0.050	< 0.50	30	0.58	< 0.50	< 0.50	**63**	28
S-5	S-5	6/4/2019	< 0.50	4.0	110	< 0.50	< 0.25	54	9.7	19	7.6	0.49	< 0.50	53	< 0.50	< 0.50	< 0.50	**50**	43
S-6	S-6	6/4/2019	< 0.50	4.3	85	< 0.50	< 0.25	75	10	15	6.2	< 0.050	< 0.50	50	< 0.50	< 0.50	< 0.50	**57**	38
S-7	S-7	6/4/2019	< 0.50	4.4	40	< 0.50	< 0.25	60	6.6	13	3.4	< 0.050	< 0.50	39	< 0.50	< 0.50	< 0.50	**55**	37
S-8	S-8	6/4/2019	< 0.50	3.4	79	< 0.50	< 0.25	68	8.5	12	4.7	< 0.050	< 0.50	49	< 0.50	< 0.50	< 0.50	**54**	32
S-9	S-9	6/4/2019	< 0.50	2.7	63	< 0.50	< 0.25	68	14	39	8.2	< 0.050	< 0.50	58	< 0.50	< 0.50	< 0.50	**69**	62
San Francisco Bay RWQCB Tier 1 ESLs for Soil[2]			**11**	**11[4]**	**390**	**5**	**1.9**	**160**	**23**	**180**	**32**	**13**	**6.9**	**86**	**2.4**	**25**	**0.78**	**18**	**340**
San Francisco Bay RWQCB ESLs Commercial: Shallow Soil Exposure[3]			**160**	**0.31**	**220,000**	**230**	**1,100**	**1,800,000**	**350**	**47,000**	**320**	**190**	**5,800**	**11,000**	**5,800**	**5,800**	**12**	**5,800**	**350,000**

NOTES:

Results in **bold** denote concentrations exceeding Tier 1 screening levels and established background concentrations.

Results higlighted gold denote concentrations exceeding Commercial screening levels and established background concentrations.

< denotes analyte not detected at or exceeding the laboratory reporting limit listed.

— denotes sample not analyzed.

[1]Analyzed by U.S. Environmental Protection Agency Methods 6020.

[2]San Francisco Bay Regional Water Quality Control Board (RWQCB) Tier 1 Environmental Screening Levels (ESLs) for soil dated January 2019.

[3]San Francisco Bay Regional Water Quality Control Board (RWQCB) Direct Exposure Human Health Risk Levels for Commercial/Industrial Shallow Soil Exposure (Table S-1), dated January 2019 (Rev. 1).

[4]San Francisco Bay Area background arsenic concentration in soils. Establishing Background Arsenic in Soil of the Urbanized San Franciso Bay Region, dated December 2011. Accessed at: https://www.waterboards.ca.gov/sanfranciscobay/water_issues/available_documents/2011_Arsenic_Background_Duverge.pdf

Table 6
Soil Analytical Results for Asbestos
Brisbane Quarry
Brisbane, California
Farallon PN: 1363-006

Sample Location	Sample Identification	Sample Date	Analytical Results (percent)[1]
			Asbestos
B-1	B-1	6/19/2019	< 0.25
B-2	B-2	6/20/2019	< 0.25
B-3	B-3	6/20/2019	< 0.25
S-1	S-1	6/4/2019	< 0.25
S-2	S-2	6/4/2019	< 0.25
S-3	S-3	6/4/2019	< 0.25
S-4	S-4	6/4/2019	< 0.25
S-5	S-5	6/4/2019	< 0.25
S-6	S-6	6/4/2019	< 0.25
S-7	S-7	6/4/2019	< 0.25
S-8	S-8	6/4/2019	< 0.25
S-9	S-9	6/4/2019	< 0.25
San Francisco Bay RWQCB Tier 1 ESLs for Soil[2]			**NE**
San Francisco Bay RWQCB ESLs Commercial: Shallow Soil Exposure[3]			**NE**

NOTES:

< denotes analyte not detected at or exceeding the laboratory reporting limit listed.

NE = Not Established

[1]Analyzed by CARB 435 Asbestos method.

[2]San Francisco Bay Regional Water Quality Control Board (RWQCB) Tier 1 Environmental

[3]San Francisco Bay Regional Water Quality Control Board (RWQCB) Direct Exposure Human Health Risk Levels for Commercial/Industrial Shallow Soil Exposure (Table S-1), dated January 2019 (Rev. 1).

ATTACHMENT A
COUNTY OF SAN MATEO GROUNDWATER PROTECTION PROGRAM
DRILLING PERMIT

PHASE II
ENVIRONMENTAL SITE ASSESSMENT FINDINGS
Brisbane Quarry
1 Quarry Road
Brisbane, California

Farallon PN: 1363-006

SAN MATEO COUNTY HEALTH
ENVIRONMENTAL HEALTH SERVICES

Environmental Health Services
Groundwater Protection Program
2000 Alameda de las Pulgas, Suite #100
San Mateo, CA 94403
Phone:(650) 372-6200 | Fax: (650) 627-8244
smchealth.org/gpp

SUBSURFACE DRILLING PERMIT APPLICATION

Allow three (3) full working days for processing a complete permit application which includes payment (one permit per parcel). Drilling start date & time must be scheduled with County staff at (650) 464-0047 or drilling@smcgov.org at least 2 full working days (i.e. 48 hours) in advance. Visit smchealth.org/ehfees for Groundwater Protection Program Fees

PURPOSE OF APPLICATION: ☐ Groundwater Monitoring/Vapor Well Installation ☒ Construct Soil Borings (variance request if to be left open >24 hrs) ☐ Groundwater Monitoring/Vapor Well Destruction Extension of Permit # _____
No. of Wells _____ No. of Borings 3 Well/Boring Names B-1, B-2, B-3

PURPOSE OF DRILLING: ☒ Environmental ☐ Geotechnical **LEAD AGENCY**: ☐ County GPP (permit approval is not to be considered work plan approval) ☐ RWQCB/DTSC/USEPA (Provide approval letter) ☒ None (i.e. voluntary)

SITE / DRILLING INFORMATION

Agency Case # _____ Assessor's Parcel # (required) 005-270-110 (one per permit)
Drilling Location Address: 1 Quarry Road City: Brisbane Zip: 94005
To Be Constructed In: ☐ Public Property ☒ Private Property ☐ Refuse
Maximum Proposed Depth (wells/borings) 80 (feet) Drilling Method: Hollow Stem Auger
Boring Diameter: 8 Casing Diameter: 12 Filter Pack Interval: NA Screen Interval: NA
Destruction Method: ☐ Pressure Grouting (provide well construction logs and grout calcs)
(6 gallons water max/94 lb cement, up to 5% bentonite) ☐ Overdrilling (guide rods for total depth prior to starting required)

WELL/BORING OWNER

(Well/boring owner name or contact person should match signature)

Name: WILLIAM FELDBRILL etal Contact Person: WILLIAM FELDBRILL
Address: 655 MARINERS ISLAND BLVD #302 City, State, Zip: SAN MATEO, CA 94404
Telephone: 650 341-0800 ext 13 Email: enfinc@aol.com

It is my responsibility to notify the County of any known changes in the purpose of this well/boring from that which is indicated on this application, to submit indication of annual usage of wells to the County, and to maintain the well in good condition. *(Letter signed by well/boring owner/contact person, containing above language and attesting to knowledge of all permit requirements and conditions, may be substituted for signature.)*

Well/Boring Owner's/Contact Person's Signature: _____ Date: _____

PROPERTY OWNER

(Name as appears on assessor's roles should match signature)

Name: WILLIAM FELDBRILL etal Contact Person: WILLIAM FELDBRILL
Address: 655 MARINERS ISLAND BLVD #302 City, State, Zip: SAN MATEO, CA 94404
Telephone: 650 341-0800 ext 13 Email: enfinc@aol.com

I understand that a well/boring is being installed on my property. I agree to notify the County and Well Owner of any known damage or future access issues to the well *(Letter signed by property owner containing above language, or encroachment permit may be substituted for signature)*

Property Owner's Signature: William Feldbrill Date: 6/10/2019

DRILLING COMPANY

Drilling Company: Woodward Drilling Contact Person: Ryan Woodward
Address: PO Box 336 City, State, Zip: Rio Vista, CA, 94571
Telephone: 707-374-4300 Email: ryan@woodwarddrilling.com C57 Drillers License # 710079

I certify that the well/boring will be constructed in compliance with the conditions of this permit (see reverse), the San Mateo County Well Ordinance, and the State Water Well Standards, and that the license listed above is considered current and active by the Contractors State License Board.

Driller's Signature: Ryan E. Woodward Date: 6/11/19

CONSULTANT COMPANY

Consultant Company: Farallon Consulting Project Manager: Gavin Polite Fisco
Address: 180 Grand Avenue, Suite 900 City, State, Zip: Oakland, CA, 94612
Telephone: 510-359-6662 Email: gfisco@farallonconsulting.com
Field Contact & Cell # (if known): Ryan Charney - 203-257-9642

I certify that this application is correct to the best of my knowledge and the well/boring will be constructed/destroyed in compliance with the conditions of this permit (see reverse), the San Mateo County Well Ordinance, and the State Water Well Standards. I understand that I am responsible for General Conditions E, F, K, and L of this permit and if I indicated the purpose of drilling is geotechnical, then no one will use the boring to collect any samples for environmental analyses. If there is a change in Responsible Professional, I will notify San Mateo County GPP staff.

Responsible Professional's Name (Please print legibly): Gavin Polite Fisco
Responsible Professional's Signature: _____ Date: 6/11/2019
California Professional Geologist (PG) No. 9357 or Civil Engineer (PE) No. _____

REV. 08/2018

SUBSURFACE DRILLING PERMIT APPLICATION

REQUIREMENTS:

An accurate and correct map must be submitted with the application and include the following: north arrow, existing and historic site features, existing and proposed well/boring locations with ID's to scale, property lines and any other pertinent information. A work plan describing the drilling and construction/destruction methodology may be requested by County staff. A complete application with appropriate fees must be submitted 3 working days in advance of drilling and notification of start date and time must be provided at least 2 working days prior to drilling. The permit is subject to both General and Special Conditions stated below. A copy of the approved Subsurface Drilling Permit must be available on site while work related to the permit is being performed. Drilling may begin at the notified date and time whether County staff is present or not.

GENERAL CONDITIONS:

A. Field notification must be provided to GPP drilling inspection staff at least 2 full working days prior to the start of drilling. GPP Caseworker also must be notified if site is associated with a remedial action case.
B. Well and boring construction and destruction under this permit are subject to the Standards for the Construction of Wells in San Mateo County, County Groundwater Protection Program (GPP) Guidelines, Policies & Procedures, the State Water Well Standards, and any instructions by a Health Department representative.
C. Well/Boring Owner, Driller, and Responsible Professional assume responsibility for all activities and uses under the permit, including compliance with Workmen's Compensation Laws, and indemnify, defend and save the County of San Mateo, its officers, agents and employees, free and harmless from any and all expense, cost, or liability in connection with or resulting from work or stopped-work associated with the permit, including, but not limited to, property damage, personal injury, wrongful death, and loss of income.
D. All borings must be properly destroyed (grouted/sealed) within 24 hours of drilling, unless special conditions are approved beforehand in writing as part of this permit, and must be continuously protected and stabilized.
E. Analytical results of all soil, vapor, and groundwater samples collected during the execution of drilling under this permit must be submitted to County GPP staff by the Responsible Professional within 60 days of sample collection. If contamination is discovered during drilling, verbal notification to County GPP by the Responsible Professional is required within 72 hours of discovery. Proper storage, labeling & disposal of investigation-derived residual wastes are the responsibility of the consultant unless stated otherwise contractually.
F. Boring logs, well construction details, and finalized as-built location map for all borings/ wells (except geotechnical borings) signed by a Responsible Professional, must be submitted to County GPP by the Responsible Professional within 60 days of drilling/construction/destruction. DWR Form 188 must be filed with the State per water code 13752.
G. Permit is valid only for the purpose specified herein. No change in purpose or required procedures, as described on this permit application, in the associated workplan, or in the special conditions below, will be allowed except upon written permission from the County. Construction aspects can be changed based on conditions encountered in the field.
H. Permit is valid for one mobilization associated with originally permitted boring/well locations only, including contingency locations, and is automatically canceled if not exercised, or if an extension is not applied for and granted within 120 days of the original permit issuance date. Failure to notify staff of cancellation or delay in start time will result in the Consultant being billed an Inspection Cancellation fee if GPP staff attempted to perform an inspection. Fees are listed at smchealth.org/ehfees
I. Wells installed under this permit may not be used for domestic, municipal, agricultural, or irrigation water supply.
J. All work performed must conform to Business and Profession Codes and State Water Well Standards.
K. Top-of-casing elevation of all wells must be surveyed to the nearest 0.01-foot relative to Mean Sea Level or NAVD88 and submitted to County GPP within 60 days of drilling, and to State GeoTracker as appropriate. Geotechnical wells are exempt from this requirement if a written variance from GPP is obtained prior to drilling.
L. Latitude and longitude of all wells must be surveyed with sub-meter accuracy relative to NAD83 and submitted to County GPP within 60 days of drilling, and to State GeoTracker as appropriate.
M. Violation of any requirement or general or special permit condition may result in an order by GPP staff to cease work under this permit, correct the violation, potentially re-permit the work as a new mobilization, and potential actions may be taken against the Well Owner, Property Owner, or Responsible Professional by GPP.

SPECIAL CONDITIONS: _____

(agency use only) _____

_____

_____

For Agency Use Only:

County Approval: _____ FA # _____ Date: _____

SUBSURFACE DRILLING PERMIT APPLICATION

PERMIT APPLICATION INSTRUCTIONS AND FEES

A subsurface drilling permit for borings and wells is required if groundwater is anticipated to be encountered or if drilling extends to 10 feet or deeper. Sub-slab and vapor wells shallower than 10 feet do not require a permit. Should groundwater be encountered shallower than 10 feet unexpectedly, then contact San Mateo County Health System Groundwater Protection Program (GPP) immediately and a permit application will be required retroactively. GPP is the permitting agency for all subsurface drilling for environmental and geotechnical purposes within San Mateo County except in the City of Daly City. All drilling in the City of Daly City is permitted by the City of Daly City Water and Wastewater Department at (650) 991-8200 with appropriate notification to GPP for GPP lead sites. San Mateo County Health System Land Use Program (LUP) reviews all water well permit applications (smchealth.org/environforms) for public supply, domestic, agricultural, cathodic protection, exploratory, and geothermal heat exchange well construction and destruction and permit applications for all reconnaissance, investigation, and excavation work strictly for land use purposes. Please contact the LUP at (650) 372-6200 to discuss permitting, notification, and drilling requirements.

A 120-day extension may be granted for permits which have not been used during the original 120-day time frame. Submit another Subsurface Drilling Permit Application and payment for the permit extension fee at 50% of the fee for the type of drilling. Extension must be requested prior to the original permit expiring. If there are several wells and borings over several contiguous assessor's parcels and public right-of-ways, then discuss the fee with the County inspector at (650) 464-0047 or drilling@smcgov.org. The County inspector may charge only one fee for borings and wells constructed across contiguous assessor's parcels and public right-of- ways. However, this is dependent on how much the County inspector believes will need to be inspected in the field and how much review time of required submittals will be needed.

Section 1: Purpose of Application

At least one of the four boxes must be selected; however, multiple boxes may be selected as long as all of the wells and borings are on the same assessor's parcel or public right-of-way (see Section 4). A **boring** under this permit application is defined as a constructed hole lasting less than 24 hours before being properly destroyed. After 24 hours, the constructed hole is considered a **well** under this permit application which needs to be constructed appropriately unless special conditions are approved as part of the permit. If Permit Extension is selected, then write in the permit number of the permit to be extended. List the number of wells and borings anticipated to be drilled and what they will be named. This number may change in the field based on conditions encountered.

Section 2: Purpose of Drilling

At least one of the two boxes must be selected; however, both boxes may be selected as long as both purposes of drilling are to be conducted on the same assessor's parcel or public right-of-way (see Section 4). Geotechnical Drilling may also be conducted under San Mateo County's Annual Geotechnical Drilling Permit in which consulting companies pay an annual fee to perform this type of drilling an unlimited amount of times for 365 days after obtaining the Annual Geotechnical Drilling Permit. Fees are listed at smchealth.org/ehfees Please note, a Notification Form (not available on website) similar to this Subsurface Drilling Permit Application must be completely filled out and submitted at least 2 business days (48 hours) prior to drilling under the Annual Geotechnical Drilling Permit.

Section 3: Lead Agency

One of the three boxes must be selected. The **County Groundwater Protection Program** would be selected only for investigations of known contaminated sites that the County is the lead agency. For drilling required by the Regional Water Quality Control Board (**RWQCB**), Department of Toxic Substances Control (**DTSC**), or the United States Environmental Protection Agency (**USEPA**), please include a copy of their approval letter. **None** would refer to investigations required by the County CUPA (Hazardous Materials Program), County Land Use or Solid Waste Programs, County or City Planning or Building Departments or voluntary investigations for due diligence or property transactions.

Section 4: Drilling Information

All applicable spaces must be filled in. Agency Case # refers to the lead agency's case number, if overseen by an agency, for the project under which the investigation is being conducted. **Assessor's parcel number** is the 9-digit number corresponding to the specific private property drilling is proposed to be conducted on (can be found under Secured Property Taxes at sanmateocountytaxcollector.org or here). Each permit must include only one assessor's parcel number. If the drilling is to be conducted only in public right-of-ways, then the assessor's parcel number space should be filled in with NA for not applicable. If drilling is to occur on both a private property and a contiguous public right-of-way, then two permits (one for the private property and one for the public right-of-way) must be filled out. **Address, City, and Zip** refer to the location of the specific property drilling is proposed to be conducted on. The Address for a public right-of-way would simply be the name of the specific section of the public right-of-way (ie. 100 block of Main Street). **To be Constructed** in must have one box selected. Again, this differentiates between a public right-of-way and a private property. **Refuse** is a special land use designation which needs to be indicated on the permit application.

PERMIT APPLICATION INSTRUCTIONS AND FEES (CONTINUED)

Section 4: Drilling Information (continued)

The rest of this section is self-explanatory, may change in the field based on conditions encountered, and must be filled in except **Destruction Method** for borings only. Schematics may be submitted instead of filling in the well construction details, particularly if wells will be constructed differently from each other.

Destruction Method requires the use of a maximum of 6 gallons of water per 94 pounds of cement. This measurement (for both water and cement) must be able to be demonstrated in the field upon request from the inspector (such as using a 5-gallon bucket for measuring the water and using entire bags of cement). For **pressure grouting**, the well construction log and grout calculations must be submitted. The sand pack may not be more than 3 feet above the top of the screened interval, the screened interval may not be longer than 25 feet, and the bottom of the original boring may not be more than 2 feet deeper than the bottom of the constructed well. The total depth of the well and the fact that there are no obstructions in the well must be verified in the field. Type I/II cement grout must be tremied into the well, followed by application of 25 psi pressure maintained for 5 minutes. If the well does not meet pressure grouting criteria, it must be destroyed by drilling out to the total depth of the original boring. For **overdrilling**, the well casing and all annular material must be removed using a guide rod for the entire depth of the well inserted prior to drilling, and the boring tremie grouted to the surface using Type I/II cement grout. A general observation is that grouting borings using a ¾ inch PVC pipe, typically used to collect grab groundwater samples in borings, does not work with a screened section. Free falling grout is only allowed if the boring is dry, or if water is present in less than 10% of the boring, and less than 30 feet deep. Grout calculations must be provided with application.

Section 5: Well/Boring Owner

The **name** of the entity owning the wells and borings must be listed along with their contact person (if different from the name of the well/boring owner), address, telephone number, and email address. The **contact person** must be directly associated with or an agent of the entity owning the wells and borings such as a property manager, real estate manager, contractor, or lawyer but not the environmental consultant listed on the permit application in Section 8. A **telephone** number and an **email** address must be provided to allow the inspector to contact the well/boring owner to verify information if necessary. By providing an email address, the well/ boring owner will receive an electronic copy of the permit. The permit application must be **signed** and **dated** by either the entity listed as the owner of the wells and borings or the contact person. **Signatures (Sections 5 through 8)** do not need to be original; however, one copy of the permit application must contain all of the information besides the signatures in a legible format. ALL SIGNATURES REQUIRED (SECTIONS 5 THROUGH 8) DO NOT NEED TO BE ON THE SAME COPY OF THE PERMIT APPLICATION.

Section 6: Property Owner

The **name** of the entity owning the property must be listed and needs to match the name listed with the County Assessor for this property. The **contact person** must be directly associated with or an agent of the entity owning the property such as a property manager, real estate manager, contractor, or lawyer but not the environmental consultant listed on the permit application in Section 8. A **telephone** number and an **email address** must be provided to allow the inspector to contact the property owner to verify information if necessary. By providing an email address, the property owner will receive an electronic copy of the permit. The permit application must be **signed** and dated by the entity listed as the property owner only. **AGENTS CANNOT SIGN FOR THE PROPERTY OWNER.** For public rights-of-way, a copy of the encroachment permit can be substituted for the property owner signature. The City of San Mateo, among others, will not issue an encroachment permit until the subsurface drilling permit is issued, but the City of San Mateo will issue a letter of intent to issue an encroachment permit which is acceptable as a substitute for the property owner signature in City of San Mateo rights-of-way.

Section 7: Drilling Company

The **name** of the company proposed to drill the wells and borings must be listed along with the drilling company **contact person, address, telephone number,** and **email address.** In addition, the **driller's C57 license number** must be provided. By providing an email address, the drilling company will receive an electronic copy of the permit. The permit application must be signed and dated by the driller's contact person. If the drilling company changes, then a new subsurface drilling permit application should be filled out completely except for Sections 5, 6, and 8.

Section 8: Consulting Company

The **name** of the company overseeing the proposed drilling of the wells and borings must be listed along with the **project manager, address, telephone** number, and **email address.** The responsible professional overseeing the work must **print** their name legibly, **sign** their name and date, and provide either their **California Professional Geologist or Civil Engineering** number. Field contact name and number, if known, are optional but beneficial for all parties involved.

ATTACHMENT B
LABORATORY ANALYTICAL REPORTS

PHASE II
ENVIRONMENTAL SITE ASSESSMENT FINDINGS
Brisbane Quarry
1 Quarry Road
Brisbane, California

Farallon PN: 1363-006

McCampbell Analytical, Inc.

"When Quality Counts"

Analytical Report

WorkOrder: 1906109

Report Created for: Farallon Consulting

180 Grand Avenue, Suite 900
Oakland, CA 94612

Project Contact: Gavin Fisco
Project P.O.: 1363-006
Project: 1363-006; Brisbane Quarry

Project Received: 06/04/2019

Analytical Report reviewed & approved for release on 06/17/2019 by:

Christine Askari
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"

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http://www.mccampbell.com / E-mail: main@mccampbell.com

Glossary of Terms & Qualifier Definitions

Client: Farallon Consulting
Project: 1363-006; Brisbane Quarry
WorkOrder: 1906109

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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Glossary of Terms & Qualifier Definitions

Client: Farallon Consulting
Project: 1363-006; Brisbane Quarry
WorkOrder: 1906109

Analytical Qualifiers

B	Analyte detected in the associated Method Blank and in the sample
J	Result is less than the RL/ML but greater than the MDL. The reported concentration is an estimated value.
S	Spike recovery outside accepted recovery limits
a9	Reporting limit near, but not identical to, our standard reporting limit due to variable Encore/Solid sample weight
c2	Surrogate recovery outside of the control limits due to matrix interference.
e2	Diesel range compounds are significant; no recognizable pattern
e7	Oil range compounds are significant
k10	CARB 435 Exception 1 - No asbestos detected. The limit of quantitation (LOQ) = 0.25%.

Quality Control Qualifiers

F1	MS/MSD recovery and/or RPD is out of acceptance criteria; LCS validates the prep batch.
F2	LCS/LCSD recovery and/or RPD/RSD is out of acceptance criteria.

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Analytical Report

Client:	Farallon Consulting	**WorkOrder:**	1906109
Date Received:	6/4/19 16:15	**Extraction Method:**	SW5035
Date Prepared:	6/4/19	**Analytical Method:**	SW8260B
Project:	1363-006; Brisbane Quarry	**Unit:**	mg/Kg

Volatile Organics [Encore Sampling]

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
S-1	1906109-001A	Soil	06/04/2019 10:10	GC38 06051910.D	179019

Analytes	Result	RL	DF	Date Analyzed
Acetone	ND	0.13	1	06/05/2019 13:47
tert-Amyl methyl ether (TAME)	ND	0.0063	1	06/05/2019 13:47
Benzene	ND	0.0063	1	06/05/2019 13:47
Bromobenzene	ND	0.0063	1	06/05/2019 13:47
Bromochloromethane	ND	0.0063	1	06/05/2019 13:47
Bromodichloromethane	ND	0.0013	1	06/05/2019 13:47
Bromoform	ND	0.0063	1	06/05/2019 13:47
Bromomethane	ND	0.0063	1	06/05/2019 13:47
2-Butanone (MEK)	ND	0.025	1	06/05/2019 13:47
t-Butyl alcohol (TBA)	ND	0.063	1	06/05/2019 13:47
n-Butyl benzene	ND	0.0063	1	06/05/2019 13:47
sec-Butyl benzene	ND	0.0063	1	06/05/2019 13:47
tert-Butyl benzene	ND	0.0063	1	06/05/2019 13:47
Carbon Disulfide	ND	0.0063	1	06/05/2019 13:47
Carbon Tetrachloride	ND	0.0063	1	06/05/2019 13:47
Chlorobenzene	ND	0.0063	1	06/05/2019 13:47
Chloroethane	ND	0.0063	1	06/05/2019 13:47
Chloroform	ND	0.0063	1	06/05/2019 13:47
Chloromethane	ND	0.0063	1	06/05/2019 13:47
2-Chlorotoluene	ND	0.0063	1	06/05/2019 13:47
4-Chlorotoluene	ND	0.0063	1	06/05/2019 13:47
Dibromochloromethane	ND	0.0063	1	06/05/2019 13:47
1,2-Dibromo-3-chloropropane	ND	0.00032	1	06/05/2019 13:47
1,2-Dibromoethane (EDB)	ND	0.00013	1	06/05/2019 13:47
Dibromomethane	ND	0.0063	1	06/05/2019 13:47
1,2-Dichlorobenzene	ND	0.0063	1	06/05/2019 13:47
1,3-Dichlorobenzene	ND	0.0063	1	06/05/2019 13:47
1,4-Dichlorobenzene	ND	0.0063	1	06/05/2019 13:47
Dichlorodifluoromethane	ND	0.0063	1	06/05/2019 13:47
1,1-Dichloroethane	ND	0.0063	1	06/05/2019 13:47
1,2-Dichloroethane (1,2-DCA)	ND	0.00032	1	06/05/2019 13:47
1,1-Dichloroethene	ND	0.00032	1	06/05/2019 13:47
cis-1,2-Dichloroethene	ND	0.0063	1	06/05/2019 13:47
trans-1,2-Dichloroethene	ND	0.0063	1	06/05/2019 13:47
1,2-Dichloropropane	ND	0.0063	1	06/05/2019 13:47
1,3-Dichloropropane	ND	0.0063	1	06/05/2019 13:47
2,2-Dichloropropane	ND	0.0063	1	06/05/2019 13:47

(Cont.)

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Analytical Report

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Date Received:	6/4/19 16:15	**Extraction Method:**	SW5035
Date Prepared:	6/4/19	**Analytical Method:**	SW8260B
Project:	1363-006; Brisbane Quarry	**Unit:**	mg/Kg

Volatile Organics [Encore Sampling]

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
S-1	1906109-001A	Soil	06/04/2019 10:10	GC38 06051910.D	179019

Analytes	Result	RL	DF	Date Analyzed
1,1-Dichloropropene	ND	0.0063	1	06/05/2019 13:47
cis-1,3-Dichloropropene	ND	0.0063	1	06/05/2019 13:47
trans-1,3-Dichloropropene	ND	0.0063	1	06/05/2019 13:47
Diisopropyl ether (DIPE)	ND	0.0063	1	06/05/2019 13:47
Ethylbenzene	ND	0.0063	1	06/05/2019 13:47
Ethyl tert-butyl ether (ETBE)	ND	0.0063	1	06/05/2019 13:47
Freon 113	ND	0.0063	1	06/05/2019 13:47
Hexachlorobutadiene	ND	0.0063	1	06/05/2019 13:47
Hexachloroethane	ND	0.0063	1	06/05/2019 13:47
2-Hexanone	ND	0.0063	1	06/05/2019 13:47
Isopropylbenzene	ND	0.0063	1	06/05/2019 13:47
4-Isopropyl toluene	ND	0.0063	1	06/05/2019 13:47
Methyl-t-butyl ether (MTBE)	ND	0.0063	1	06/05/2019 13:47
Methylene chloride	ND	0.013	1	06/05/2019 13:47
4-Methyl-2-pentanone (MIBK)	ND	0.0063	1	06/05/2019 13:47
Naphthalene	ND	0.0063	1	06/05/2019 13:47
n-Propyl benzene	ND	0.0063	1	06/05/2019 13:47
Styrene	ND	0.0063	1	06/05/2019 13:47
1,1,1,2-Tetrachloroethane	ND	0.0063	1	06/05/2019 13:47
1,1,2,2-Tetrachloroethane	ND	0.00032	1	06/05/2019 13:47
Tetrachloroethene	ND	0.0013	1	06/05/2019 13:47
Toluene	ND	0.0063	1	06/05/2019 13:47
1,2,3-Trichlorobenzene	ND	0.0063	1	06/05/2019 13:47
1,2,4-Trichlorobenzene	ND	0.0063	1	06/05/2019 13:47
1,1,1-Trichloroethane	ND	0.0063	1	06/05/2019 13:47
1,1,2-Trichloroethane	ND	0.0063	1	06/05/2019 13:47
Trichloroethene	ND	0.0063	1	06/05/2019 13:47
Trichlorofluoromethane	ND	0.0063	1	06/05/2019 13:47
1,2,3-Trichloropropane	ND	0.000063	1	06/05/2019 13:47
1,2,4-Trimethylbenzene	ND	0.0063	1	06/05/2019 13:47
1,3,5-Trimethylbenzene	ND	0.0063	1	06/05/2019 13:47
Vinyl Chloride	ND	0.00032	1	06/05/2019 13:47
m,p-Xylene	ND	0.0063	1	06/05/2019 13:47
o-Xylene	ND	0.0063	1	06/05/2019 13:47
Xylenes, Total	ND	0.0063	1	06/05/2019 13:47
1,3-Dichloropropene, Total	ND	NA	1	06/05/2019 13:47

(Cont.)

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Analytical Report

Client:	Farallon Consulting	**WorkOrder:**	1906109
Date Received:	6/4/19 16:15	**Extraction Method:**	SW5035
Date Prepared:	6/4/19	**Analytical Method:**	SW8260B
Project:	1363-006; Brisbane Quarry	**Unit:**	mg/Kg

Volatile Organics [Encore Sampling]

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
S-1	1906109-001A	Soil	06/04/2019 10:10	GC38 06051910.D	179019

Analytes	Result	RL	DF	Date Analyzed
Surrogates	**REC (%)**	**Limits**		
Dibromofluoromethane	96	71-151		06/05/2019 13:47
Toluene-d8	100	90-150		06/05/2019 13:47
4-BFB	96	83-143		06/05/2019 13:47
Benzene-d6	101	71-118		06/05/2019 13:47
Ethylbenzene-d10	96	79-125		06/05/2019 13:47
1,2-DCB-d4	73	57-112		06/05/2019 13:47

Analyst(s): KF Analytical Comments: a9

(Cont.)

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Analytical Report

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Date Received:	6/4/19 16:15	**Extraction Method:**	SW5035
Date Prepared:	6/4/19	**Analytical Method:**	SW8260B
Project:	1363-006; Brisbane Quarry	**Unit:**	mg/Kg

Volatile Organics [Encore Sampling]

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
S-2	1906109-002A	Soil	06/04/2019 10:15	GC38 06051911.D	179019

Analytes	Result	RL	DF	Date Analyzed
Acetone	ND	0.11	1	06/05/2019 14:26
tert-Amyl methyl ether (TAME)	ND	0.0056	1	06/05/2019 14:26
Benzene	ND	0.0056	1	06/05/2019 14:26
Bromobenzene	ND	0.0056	1	06/05/2019 14:26
Bromochloromethane	ND	0.0056	1	06/05/2019 14:26
Bromodichloromethane	ND	0.0011	1	06/05/2019 14:26
Bromoform	ND	0.0056	1	06/05/2019 14:26
Bromomethane	ND	0.0056	1	06/05/2019 14:26
2-Butanone (MEK)	ND	0.022	1	06/05/2019 14:26
t-Butyl alcohol (TBA)	ND	0.056	1	06/05/2019 14:26
n-Butyl benzene	ND	0.0056	1	06/05/2019 14:26
sec-Butyl benzene	ND	0.0056	1	06/05/2019 14:26
tert-Butyl benzene	ND	0.0056	1	06/05/2019 14:26
Carbon Disulfide	ND	0.0056	1	06/05/2019 14:26
Carbon Tetrachloride	ND	0.0056	1	06/05/2019 14:26
Chlorobenzene	ND	0.0056	1	06/05/2019 14:26
Chloroethane	ND	0.0056	1	06/05/2019 14:26
Chloroform	ND	0.0056	1	06/05/2019 14:26
Chloromethane	ND	0.0056	1	06/05/2019 14:26
2-Chlorotoluene	ND	0.0056	1	06/05/2019 14:26
4-Chlorotoluene	ND	0.0056	1	06/05/2019 14:26
Dibromochloromethane	ND	0.0056	1	06/05/2019 14:26
1,2-Dibromo-3-chloropropane	ND	0.00028	1	06/05/2019 14:26
1,2-Dibromoethane (EDB)	ND	0.00011	1	06/05/2019 14:26
Dibromomethane	ND	0.0056	1	06/05/2019 14:26
1,2-Dichlorobenzene	ND	0.0056	1	06/05/2019 14:26
1,3-Dichlorobenzene	ND	0.0056	1	06/05/2019 14:26
1,4-Dichlorobenzene	ND	0.0056	1	06/05/2019 14:26
Dichlorodifluoromethane	ND	0.0056	1	06/05/2019 14:26
1,1-Dichloroethane	ND	0.0056	1	06/05/2019 14:26
1,2-Dichloroethane (1,2-DCA)	ND	0.00028	1	06/05/2019 14:26
1,1-Dichloroethene	ND	0.00028	1	06/05/2019 14:26
cis-1,2-Dichloroethene	ND	0.0056	1	06/05/2019 14:26
trans-1,2-Dichloroethene	ND	0.0056	1	06/05/2019 14:26
1,2-Dichloropropane	ND	0.0056	1	06/05/2019 14:26
1,3-Dichloropropane	ND	0.0056	1	06/05/2019 14:26
2,2-Dichloropropane	ND	0.0056	1	06/05/2019 14:26

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Analytical Report

Client:	Farallon Consulting	**WorkOrder:**	1906109
Date Received:	6/4/19 16:15	**Extraction Method:**	SW5035
Date Prepared:	6/4/19	**Analytical Method:**	SW8260B
Project:	1363-006; Brisbane Quarry	**Unit:**	mg/Kg

Volatile Organics [Encore Sampling]

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
S-2	1906109-002A	Soil	06/04/2019 10:15	GC38 06051911.D	179019

Analytes	Result	RL	DF	Date Analyzed
1,1-Dichloropropene	ND	0.0056	1	06/05/2019 14:26
cis-1,3-Dichloropropene	ND	0.0056	1	06/05/2019 14:26
trans-1,3-Dichloropropene	ND	0.0056	1	06/05/2019 14:26
Diisopropyl ether (DIPE)	ND	0.0056	1	06/05/2019 14:26
Ethylbenzene	ND	0.0056	1	06/05/2019 14:26
Ethyl tert-butyl ether (ETBE)	ND	0.0056	1	06/05/2019 14:26
Freon 113	ND	0.0056	1	06/05/2019 14:26
Hexachlorobutadiene	ND	0.0056	1	06/05/2019 14:26
Hexachloroethane	ND	0.0056	1	06/05/2019 14:26
2-Hexanone	ND	0.0056	1	06/05/2019 14:26
Isopropylbenzene	ND	0.0056	1	06/05/2019 14:26
4-Isopropyl toluene	ND	0.0056	1	06/05/2019 14:26
Methyl-t-butyl ether (MTBE)	ND	0.0056	1	06/05/2019 14:26
Methylene chloride	ND	0.011	1	06/05/2019 14:26
4-Methyl-2-pentanone (MIBK)	ND	0.0056	1	06/05/2019 14:26
Naphthalene	ND	0.0056	1	06/05/2019 14:26
n-Propyl benzene	ND	0.0056	1	06/05/2019 14:26
Styrene	ND	0.0056	1	06/05/2019 14:26
1,1,1,2-Tetrachloroethane	ND	0.0056	1	06/05/2019 14:26
1,1,2,2-Tetrachloroethane	ND	0.00028	1	06/05/2019 14:26
Tetrachloroethene	ND	0.0011	1	06/05/2019 14:26
Toluene	ND	0.0056	1	06/05/2019 14:26
1,2,3-Trichlorobenzene	ND	0.0056	1	06/05/2019 14:26
1,2,4-Trichlorobenzene	ND	0.0056	1	06/05/2019 14:26
1,1,1-Trichloroethane	ND	0.0056	1	06/05/2019 14:26
1,1,2-Trichloroethane	ND	0.0056	1	06/05/2019 14:26
Trichloroethene	ND	0.0056	1	06/05/2019 14:26
Trichlorofluoromethane	ND	0.0056	1	06/05/2019 14:26
1,2,3-Trichloropropane	ND	0.000056	1	06/05/2019 14:26
1,2,4-Trimethylbenzene	ND	0.0056	1	06/05/2019 14:26
1,3,5-Trimethylbenzene	ND	0.0056	1	06/05/2019 14:26
Vinyl Chloride	ND	0.00028	1	06/05/2019 14:26
m,p-Xylene	ND	0.0056	1	06/05/2019 14:26
o-Xylene	ND	0.0056	1	06/05/2019 14:26
Xylenes, Total	ND	0.0056	1	06/05/2019 14:26
1,3-Dichloropropene, Total	ND	NA	1	06/05/2019 14:26

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Analytical Report

Client:	Farallon Consulting	**WorkOrder:**	1906109
Date Received:	6/4/19 16:15	**Extraction Method:**	SW5035
Date Prepared:	6/4/19	**Analytical Method:**	SW8260B
Project:	1363-006; Brisbane Quarry	**Unit:**	mg/Kg

Volatile Organics [Encore Sampling]

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
S-2	**1906109-002A**	**Soil**	**06/04/2019 10:15**	**GC38 06051911.D**	**179019**

Analytes	Result	RL	DF	Date Analyzed
Surrogates	**REC (%)**	**Limits**		
Dibromofluoromethane	96	71-151		06/05/2019 14:26
Toluene-d8	101	90-150		06/05/2019 14:26
4-BFB	97	83-143		06/05/2019 14:26
Benzene-d6	108	71-118		06/05/2019 14:26
Ethylbenzene-d10	103	79-125		06/05/2019 14:26
1,2-DCB-d4	79	57-112		06/05/2019 14:26

Analyst(s): KF Analytical Comments: a9

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Analytical Report

Client:	Farallon Consulting	**WorkOrder:**	1906109
Date Received:	6/4/19 16:15	**Extraction Method:**	SW5035
Date Prepared:	6/4/19	**Analytical Method:**	SW8260B
Project:	1363-006; Brisbane Quarry	**Unit:**	mg/Kg

Volatile Organics [Encore Sampling]

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
S-3	1906109-003A	Soil	06/04/2019 10:20	GC38 06051913.D	179019

Analytes	Result	RL	DF	Date Analyzed
Acetone	ND	0.12	1	06/05/2019 15:43
tert-Amyl methyl ether (TAME)	ND	0.0058	1	06/05/2019 15:43
Benzene	ND	0.0058	1	06/05/2019 15:43
Bromobenzene	ND	0.0058	1	06/05/2019 15:43
Bromochloromethane	ND	0.0058	1	06/05/2019 15:43
Bromodichloromethane	ND	0.0012	1	06/05/2019 15:43
Bromoform	ND	0.0058	1	06/05/2019 15:43
Bromomethane	ND	0.0058	1	06/05/2019 15:43
2-Butanone (MEK)	ND	0.023	1	06/05/2019 15:43
t-Butyl alcohol (TBA)	ND	0.058	1	06/05/2019 15:43
n-Butyl benzene	ND	0.0058	1	06/05/2019 15:43
sec-Butyl benzene	ND	0.0058	1	06/05/2019 15:43
tert-Butyl benzene	ND	0.0058	1	06/05/2019 15:43
Carbon Disulfide	ND	0.0058	1	06/05/2019 15:43
Carbon Tetrachloride	ND	0.0058	1	06/05/2019 15:43
Chlorobenzene	ND	0.0058	1	06/05/2019 15:43
Chloroethane	ND	0.0058	1	06/05/2019 15:43
Chloroform	ND	0.0058	1	06/05/2019 15:43
Chloromethane	ND	0.0058	1	06/05/2019 15:43
2-Chlorotoluene	ND	0.0058	1	06/05/2019 15:43
4-Chlorotoluene	ND	0.0058	1	06/05/2019 15:43
Dibromochloromethane	ND	0.0058	1	06/05/2019 15:43
1,2-Dibromo-3-chloropropane	ND	0.00029	1	06/05/2019 15:43
1,2-Dibromoethane (EDB)	ND	0.00012	1	06/05/2019 15:43
Dibromomethane	ND	0.0058	1	06/05/2019 15:43
1,2-Dichlorobenzene	ND	0.0058	1	06/05/2019 15:43
1,3-Dichlorobenzene	ND	0.0058	1	06/05/2019 15:43
1,4-Dichlorobenzene	ND	0.0058	1	06/05/2019 15:43
Dichlorodifluoromethane	ND	0.0058	1	06/05/2019 15:43
1,1-Dichloroethane	ND	0.0058	1	06/05/2019 15:43
1,2-Dichloroethane (1,2-DCA)	ND	0.00029	1	06/05/2019 15:43
1,1-Dichloroethene	ND	0.00029	1	06/05/2019 15:43
cis-1,2-Dichloroethene	ND	0.0058	1	06/05/2019 15:43
trans-1,2-Dichloroethene	ND	0.0058	1	06/05/2019 15:43
1,2-Dichloropropane	ND	0.0058	1	06/05/2019 15:43
1,3-Dichloropropane	ND	0.0058	1	06/05/2019 15:43
2,2-Dichloropropane	ND	0.0058	1	06/05/2019 15:43

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Analytical Report

Client:	Farallon Consulting	**WorkOrder:**	1906109
Date Received:	6/4/19 16:15	**Extraction Method:**	SW5035
Date Prepared:	6/4/19	**Analytical Method:**	SW8260B
Project:	1363-006; Brisbane Quarry	**Unit:**	mg/Kg

Volatile Organics [Encore Sampling]

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
S-3	1906109-003A	Soil	06/04/2019 10:20	GC38 06051913.D	179019

Analytes	Result	RL	DF	Date Analyzed
1,1-Dichloropropene	ND	0.0058	1	06/05/2019 15:43
cis-1,3-Dichloropropene	ND	0.0058	1	06/05/2019 15:43
trans-1,3-Dichloropropene	ND	0.0058	1	06/05/2019 15:43
Diisopropyl ether (DIPE)	ND	0.0058	1	06/05/2019 15:43
Ethylbenzene	ND	0.0058	1	06/05/2019 15:43
Ethyl tert-butyl ether (ETBE)	ND	0.0058	1	06/05/2019 15:43
Freon 113	ND	0.0058	1	06/05/2019 15:43
Hexachlorobutadiene	ND	0.0058	1	06/05/2019 15:43
Hexachloroethane	ND	0.0058	1	06/05/2019 15:43
2-Hexanone	ND	0.0058	1	06/05/2019 15:43
Isopropylbenzene	ND	0.0058	1	06/05/2019 15:43
4-Isopropyl toluene	ND	0.0058	1	06/05/2019 15:43
Methyl-t-butyl ether (MTBE)	ND	0.0058	1	06/05/2019 15:43
Methylene chloride	ND	0.012	1	06/05/2019 15:43
4-Methyl-2-pentanone (MIBK)	ND	0.0058	1	06/05/2019 15:43
Naphthalene	ND	0.0058	1	06/05/2019 15:43
n-Propyl benzene	ND	0.0058	1	06/05/2019 15:43
Styrene	ND	0.0058	1	06/05/2019 15:43
1,1,1,2-Tetrachloroethane	ND	0.0058	1	06/05/2019 15:43
1,1,2,2-Tetrachloroethane	ND	0.00029	1	06/05/2019 15:43
Tetrachloroethene	ND	0.0012	1	06/05/2019 15:43
Toluene	ND	0.0058	1	06/05/2019 15:43
1,2,3-Trichlorobenzene	ND	0.0058	1	06/05/2019 15:43
1,2,4-Trichlorobenzene	ND	0.0058	1	06/05/2019 15:43
1,1,1-Trichloroethane	ND	0.0058	1	06/05/2019 15:43
1,1,2-Trichloroethane	ND	0.0058	1	06/05/2019 15:43
Trichloroethene	ND	0.0058	1	06/05/2019 15:43
Trichlorofluoromethane	ND	0.0058	1	06/05/2019 15:43
1,2,3-Trichloropropane	ND	0.000058	1	06/05/2019 15:43
1,2,4-Trimethylbenzene	ND	0.0058	1	06/05/2019 15:43
1,3,5-Trimethylbenzene	ND	0.0058	1	06/05/2019 15:43
Vinyl Chloride	ND	0.00029	1	06/05/2019 15:43
m,p-Xylene	ND	0.0058	1	06/05/2019 15:43
o-Xylene	ND	0.0058	1	06/05/2019 15:43
Xylenes, Total	ND	0.0058	1	06/05/2019 15:43
1,3-Dichloropropene, Total	ND	NA	1	06/05/2019 15:43

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Analytical Report

Client:	Farallon Consulting	**WorkOrder:**	1906109
Date Received:	6/4/19 16:15	**Extraction Method:**	SW5035
Date Prepared:	6/4/19	**Analytical Method:**	SW8260B
Project:	1363-006; Brisbane Quarry	**Unit:**	mg/Kg

Volatile Organics [Encore Sampling]

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
S-3	**1906109-003A**	**Soil**	**06/04/2019 10:20**	**GC38 06051913.D**	**179019**

Analytes	Result	RL	DF	Date Analyzed
Surrogates	**REC (%)**	**Limits**		
Dibromofluoromethane	87	71-151		06/05/2019 15:43
Toluene-d8	102	90-150		06/05/2019 15:43
4-BFB	100	83-143		06/05/2019 15:43
Benzene-d6	104	71-118		06/05/2019 15:43
Ethylbenzene-d10	111	79-125		06/05/2019 15:43
1,2-DCB-d4	83	57-112		06/05/2019 15:43

Analyst(s): KF Analytical Comments: a9

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Analytical Report

Client:	Farallon Consulting	**WorkOrder:**	1906109
Date Received:	6/4/19 16:15	**Extraction Method:**	SW5035
Date Prepared:	6/4/19	**Analytical Method:**	SW8260B
Project:	1363-006; Brisbane Quarry	**Unit:**	mg/Kg

Volatile Organics [Encore Sampling]

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
S-4	1906109-004A	Soil	06/04/2019 10:25	GC38 06051914.D	179019

Analytes	Result	RL	DF	Date Analyzed
Acetone	ND	0.11	1	06/05/2019 16:21
tert-Amyl methyl ether (TAME)	ND	0.0057	1	06/05/2019 16:21
Benzene	ND	0.0057	1	06/05/2019 16:21
Bromobenzene	ND	0.0057	1	06/05/2019 16:21
Bromochloromethane	ND	0.0057	1	06/05/2019 16:21
Bromodichloromethane	ND	0.0011	1	06/05/2019 16:21
Bromoform	ND	0.0057	1	06/05/2019 16:21
Bromomethane	ND	0.0057	1	06/05/2019 16:21
2-Butanone (MEK)	ND	0.023	1	06/05/2019 16:21
t-Butyl alcohol (TBA)	ND	0.057	1	06/05/2019 16:21
n-Butyl benzene	ND	0.0057	1	06/05/2019 16:21
sec-Butyl benzene	ND	0.0057	1	06/05/2019 16:21
tert-Butyl benzene	ND	0.0057	1	06/05/2019 16:21
Carbon Disulfide	ND	0.0057	1	06/05/2019 16:21
Carbon Tetrachloride	ND	0.0057	1	06/05/2019 16:21
Chlorobenzene	ND	0.0057	1	06/05/2019 16:21
Chloroethane	ND	0.0057	1	06/05/2019 16:21
Chloroform	ND	0.0057	1	06/05/2019 16:21
Chloromethane	ND	0.0057	1	06/05/2019 16:21
2-Chlorotoluene	ND	0.0057	1	06/05/2019 16:21
4-Chlorotoluene	ND	0.0057	1	06/05/2019 16:21
Dibromochloromethane	ND	0.0057	1	06/05/2019 16:21
1,2-Dibromo-3-chloropropane	ND	0.00028	1	06/05/2019 16:21
1,2-Dibromoethane (EDB)	ND	0.00011	1	06/05/2019 16:21
Dibromomethane	ND	0.0057	1	06/05/2019 16:21
1,2-Dichlorobenzene	ND	0.0057	1	06/05/2019 16:21
1,3-Dichlorobenzene	ND	0.0057	1	06/05/2019 16:21
1,4-Dichlorobenzene	ND	0.0057	1	06/05/2019 16:21
Dichlorodifluoromethane	ND	0.0057	1	06/05/2019 16:21
1,1-Dichloroethane	ND	0.0057	1	06/05/2019 16:21
1,2-Dichloroethane (1,2-DCA)	ND	0.00028	1	06/05/2019 16:21
1,1-Dichloroethene	ND	0.00028	1	06/05/2019 16:21
cis-1,2-Dichloroethene	ND	0.0057	1	06/05/2019 16:21
trans-1,2-Dichloroethene	ND	0.0057	1	06/05/2019 16:21
1,2-Dichloropropane	ND	0.0057	1	06/05/2019 16:21
1,3-Dichloropropane	ND	0.0057	1	06/05/2019 16:21
2,2-Dichloropropane	ND	0.0057	1	06/05/2019 16:21

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Analytical Report

Client:	Farallon Consulting	**WorkOrder:**	1906109
Date Received:	6/4/19 16:15	**Extraction Method:**	SW5035
Date Prepared:	6/4/19	**Analytical Method:**	SW8260B
Project:	1363-006; Brisbane Quarry	**Unit:**	mg/Kg

Volatile Organics [Encore Sampling]

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
S-4	1906109-004A	Soil	06/04/2019 10:25	GC38 06051914.D	179019

Analytes	Result	RL	DF	Date Analyzed
1,1-Dichloropropene	ND	0.0057	1	06/05/2019 16:21
cis-1,3-Dichloropropene	ND	0.0057	1	06/05/2019 16:21
trans-1,3-Dichloropropene	ND	0.0057	1	06/05/2019 16:21
Diisopropyl ether (DIPE)	ND	0.0057	1	06/05/2019 16:21
Ethylbenzene	ND	0.0057	1	06/05/2019 16:21
Ethyl tert-butyl ether (ETBE)	ND	0.0057	1	06/05/2019 16:21
Freon 113	ND	0.0057	1	06/05/2019 16:21
Hexachlorobutadiene	ND	0.0057	1	06/05/2019 16:21
Hexachloroethane	ND	0.0057	1	06/05/2019 16:21
2-Hexanone	ND	0.0057	1	06/05/2019 16:21
Isopropylbenzene	ND	0.0057	1	06/05/2019 16:21
4-Isopropyl toluene	ND	0.0057	1	06/05/2019 16:21
Methyl-t-butyl ether (MTBE)	ND	0.0057	1	06/05/2019 16:21
Methylene chloride	ND	0.011	1	06/05/2019 16:21
4-Methyl-2-pentanone (MIBK)	ND	0.0057	1	06/05/2019 16:21
Naphthalene	ND	0.0057	1	06/05/2019 16:21
n-Propyl benzene	ND	0.0057	1	06/05/2019 16:21
Styrene	ND	0.0057	1	06/05/2019 16:21
1,1,1,2-Tetrachloroethane	ND	0.0057	1	06/05/2019 16:21
1,1,2,2-Tetrachloroethane	ND	0.00028	1	06/05/2019 16:21
Tetrachloroethene	**0.0030**	0.0011	1	06/05/2019 16:21
Toluene	ND	0.0057	1	06/05/2019 16:21
1,2,3-Trichlorobenzene	ND	0.0057	1	06/05/2019 16:21
1,2,4-Trichlorobenzene	ND	0.0057	1	06/05/2019 16:21
1,1,1-Trichloroethane	ND	0.0057	1	06/05/2019 16:21
1,1,2-Trichloroethane	ND	0.0057	1	06/05/2019 16:21
Trichloroethene	ND	0.0057	1	06/05/2019 16:21
Trichlorofluoromethane	ND	0.0057	1	06/05/2019 16:21
1,2,3-Trichloropropane	ND	0.000057	1	06/05/2019 16:21
1,2,4-Trimethylbenzene	ND	0.0057	1	06/05/2019 16:21
1,3,5-Trimethylbenzene	ND	0.0057	1	06/05/2019 16:21
Vinyl Chloride	ND	0.00028	1	06/05/2019 16:21
m,p-Xylene	ND	0.0057	1	06/05/2019 16:21
o-Xylene	ND	0.0057	1	06/05/2019 16:21
Xylenes, Total	ND	0.0057	1	06/05/2019 16:21
1,3-Dichloropropene, Total	ND	NA	1	06/05/2019 16:21

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Analytical Report

Client:	Farallon Consulting	**WorkOrder:**	1906109
Date Received:	6/4/19 16:15	**Extraction Method:**	SW5035
Date Prepared:	6/4/19	**Analytical Method:**	SW8260B
Project:	1363-006; Brisbane Quarry	**Unit:**	mg/Kg

Volatile Organics [Encore Sampling]

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
S-4	**1906109-004A**	**Soil**	**06/04/2019 10:25**	**GC38 06051914.D**	**179019**

Analytes	Result	RL	DF	Date Analyzed
Surrogates	**REC (%)**	**Limits**		
Dibromofluoromethane	88	71-151		06/05/2019 16:21
Toluene-d8	102	90-150		06/05/2019 16:21
4-BFB	98	83-143		06/05/2019 16:21
Benzene-d6	105	71-118		06/05/2019 16:21
Ethylbenzene-d10	112	79-125		06/05/2019 16:21
1,2-DCB-d4	81	57-112		06/05/2019 16:21

Analyst(s): KF Analytical Comments: a9

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Analytical Report

Client:	Farallon Consulting	**WorkOrder:**	1906109
Date Received:	6/4/19 16:15	**Extraction Method:**	SW5035
Date Prepared:	6/4/19	**Analytical Method:**	SW8260B
Project:	1363-006; Brisbane Quarry	**Unit:**	mg/Kg

Volatile Organics [Encore Sampling]

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
S-5	1906109-005A	Soil	06/04/2019 10:30	GC38 06051915.D	179019

Analytes	Result	RL	DF	Date Analyzed
Acetone	ND	0.11	1	06/05/2019 17:00
tert-Amyl methyl ether (TAME)	ND	0.0056	1	06/05/2019 17:00
Benzene	ND	0.0056	1	06/05/2019 17:00
Bromobenzene	ND	0.0056	1	06/05/2019 17:00
Bromochloromethane	ND	0.0056	1	06/05/2019 17:00
Bromodichloromethane	ND	0.0011	1	06/05/2019 17:00
Bromoform	ND	0.0056	1	06/05/2019 17:00
Bromomethane	ND	0.0056	1	06/05/2019 17:00
2-Butanone (MEK)	ND	0.022	1	06/05/2019 17:00
t-Butyl alcohol (TBA)	ND	0.056	1	06/05/2019 17:00
n-Butyl benzene	ND	0.0056	1	06/05/2019 17:00
sec-Butyl benzene	ND	0.0056	1	06/05/2019 17:00
tert-Butyl benzene	ND	0.0056	1	06/05/2019 17:00
Carbon Disulfide	ND	0.0056	1	06/05/2019 17:00
Carbon Tetrachloride	ND	0.0056	1	06/05/2019 17:00
Chlorobenzene	ND	0.0056	1	06/05/2019 17:00
Chloroethane	ND	0.0056	1	06/05/2019 17:00
Chloroform	ND	0.0056	1	06/05/2019 17:00
Chloromethane	ND	0.0056	1	06/05/2019 17:00
2-Chlorotoluene	ND	0.0056	1	06/05/2019 17:00
4-Chlorotoluene	ND	0.0056	1	06/05/2019 17:00
Dibromochloromethane	ND	0.0056	1	06/05/2019 17:00
1,2-Dibromo-3-chloropropane	ND	0.00028	1	06/05/2019 17:00
1,2-Dibromoethane (EDB)	ND	0.00011	1	06/05/2019 17:00
Dibromomethane	ND	0.0056	1	06/05/2019 17:00
1,2-Dichlorobenzene	ND	0.0056	1	06/05/2019 17:00
1,3-Dichlorobenzene	ND	0.0056	1	06/05/2019 17:00
1,4-Dichlorobenzene	ND	0.0056	1	06/05/2019 17:00
Dichlorodifluoromethane	ND	0.0056	1	06/05/2019 17:00
1,1-Dichloroethane	ND	0.0056	1	06/05/2019 17:00
1,2-Dichloroethane (1,2-DCA)	ND	0.00028	1	06/05/2019 17:00
1,1-Dichloroethene	ND	0.00028	1	06/05/2019 17:00
cis-1,2-Dichloroethene	ND	0.0056	1	06/05/2019 17:00
trans-1,2-Dichloroethene	ND	0.0056	1	06/05/2019 17:00
1,2-Dichloropropane	ND	0.0056	1	06/05/2019 17:00
1,3-Dichloropropane	ND	0.0056	1	06/05/2019 17:00
2,2-Dichloropropane	ND	0.0056	1	06/05/2019 17:00

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Analytical Report

Client:	Farallon Consulting	**WorkOrder:**	1906109
Date Received:	6/4/19 16:15	**Extraction Method:**	SW5035
Date Prepared:	6/4/19	**Analytical Method:**	SW8260B
Project:	1363-006; Brisbane Quarry	**Unit:**	mg/Kg

Volatile Organics [Encore Sampling]

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
S-5	1906109-005A	Soil	06/04/2019 10:30	GC38 06051915.D	179019

Analytes	Result	RL	DF	Date Analyzed
1,1-Dichloropropene	ND	0.0056	1	06/05/2019 17:00
cis-1,3-Dichloropropene	ND	0.0056	1	06/05/2019 17:00
trans-1,3-Dichloropropene	ND	0.0056	1	06/05/2019 17:00
Diisopropyl ether (DIPE)	ND	0.0056	1	06/05/2019 17:00
Ethylbenzene	ND	0.0056	1	06/05/2019 17:00
Ethyl tert-butyl ether (ETBE)	ND	0.0056	1	06/05/2019 17:00
Freon 113	ND	0.0056	1	06/05/2019 17:00
Hexachlorobutadiene	ND	0.0056	1	06/05/2019 17:00
Hexachloroethane	ND	0.0056	1	06/05/2019 17:00
2-Hexanone	ND	0.0056	1	06/05/2019 17:00
Isopropylbenzene	ND	0.0056	1	06/05/2019 17:00
4-Isopropyl toluene	ND	0.0056	1	06/05/2019 17:00
Methyl-t-butyl ether (MTBE)	ND	0.0056	1	06/05/2019 17:00
Methylene chloride	ND	0.011	1	06/05/2019 17:00
4-Methyl-2-pentanone (MIBK)	ND	0.0056	1	06/05/2019 17:00
Naphthalene	ND	0.0056	1	06/05/2019 17:00
n-Propyl benzene	ND	0.0056	1	06/05/2019 17:00
Styrene	ND	0.0056	1	06/05/2019 17:00
1,1,1,2-Tetrachloroethane	ND	0.0056	1	06/05/2019 17:00
1,1,2,2-Tetrachloroethane	ND	0.00028	1	06/05/2019 17:00
Tetrachloroethene	ND	0.0011	1	06/05/2019 17:00
Toluene	ND	0.0056	1	06/05/2019 17:00
1,2,3-Trichlorobenzene	ND	0.0056	1	06/05/2019 17:00
1,2,4-Trichlorobenzene	ND	0.0056	1	06/05/2019 17:00
1,1,1-Trichloroethane	ND	0.0056	1	06/05/2019 17:00
1,1,2-Trichloroethane	ND	0.0056	1	06/05/2019 17:00
Trichloroethene	ND	0.0056	1	06/05/2019 17:00
Trichlorofluoromethane	ND	0.0056	1	06/05/2019 17:00
1,2,3-Trichloropropane	ND	0.000056	1	06/05/2019 17:00
1,2,4-Trimethylbenzene	ND	0.0056	1	06/05/2019 17:00
1,3,5-Trimethylbenzene	ND	0.0056	1	06/05/2019 17:00
Vinyl Chloride	ND	0.00028	1	06/05/2019 17:00
m,p-Xylene	ND	0.0056	1	06/05/2019 17:00
o-Xylene	ND	0.0056	1	06/05/2019 17:00
Xylenes, Total	ND	0.0056	1	06/05/2019 17:00
1,3-Dichloropropene, Total	ND	NA	1	06/05/2019 17:00

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Analytical Report

Client:	Farallon Consulting	**WorkOrder:**	1906109
Date Received:	6/4/19 16:15	**Extraction Method:**	SW5035
Date Prepared:	6/4/19	**Analytical Method:**	SW8260B
Project:	1363-006; Brisbane Quarry	**Unit:**	mg/Kg

Volatile Organics [Encore Sampling]

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
S-5	**1906109-005A**	**Soil**	**06/04/2019 10:30**	**GC38 06051915.D**	**179019**

Analytes	Result	RL	DF	Date Analyzed
Surrogates	**REC (%)**	**Limits**		
Dibromofluoromethane	87	71-151		06/05/2019 17:00
Toluene-d8	102	90-150		06/05/2019 17:00
4-BFB	98	83-143		06/05/2019 17:00
Benzene-d6	107	71-118		06/05/2019 17:00
Ethylbenzene-d10	116	79-125		06/05/2019 17:00
1,2-DCB-d4	84	57-112		06/05/2019 17:00

Analyst(s): KF Analytical Comments: a9

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Analytical Report

Client:	Farallon Consulting	**WorkOrder:**	1906109
Date Received:	6/4/19 16:15	**Extraction Method:**	SW5035
Date Prepared:	6/4/19	**Analytical Method:**	SW8260B
Project:	1363-006; Brisbane Quarry	**Unit:**	mg/Kg

Volatile Organics [Encore Sampling]

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
S-6	1906109-006A	Soil	06/04/2019 10:35	GC38 06051916.D	179019

Analytes	Result	RL	DF	Date Analyzed
Acetone	ND	0.11	1	06/05/2019 17:38
tert-Amyl methyl ether (TAME)	ND	0.0055	1	06/05/2019 17:38
Benzene	ND	0.0055	1	06/05/2019 17:38
Bromobenzene	ND	0.0055	1	06/05/2019 17:38
Bromochloromethane	ND	0.0055	1	06/05/2019 17:38
Bromodichloromethane	ND	0.0011	1	06/05/2019 17:38
Bromoform	ND	0.0055	1	06/05/2019 17:38
Bromomethane	ND	0.0055	1	06/05/2019 17:38
2-Butanone (MEK)	ND	0.022	1	06/05/2019 17:38
t-Butyl alcohol (TBA)	ND	0.055	1	06/05/2019 17:38
n-Butyl benzene	ND	0.0055	1	06/05/2019 17:38
sec-Butyl benzene	ND	0.0055	1	06/05/2019 17:38
tert-Butyl benzene	ND	0.0055	1	06/05/2019 17:38
Carbon Disulfide	ND	0.0055	1	06/05/2019 17:38
Carbon Tetrachloride	ND	0.0055	1	06/05/2019 17:38
Chlorobenzene	ND	0.0055	1	06/05/2019 17:38
Chloroethane	ND	0.0055	1	06/05/2019 17:38
Chloroform	ND	0.0055	1	06/05/2019 17:38
Chloromethane	ND	0.0055	1	06/05/2019 17:38
2-Chlorotoluene	ND	0.0055	1	06/05/2019 17:38
4-Chlorotoluene	ND	0.0055	1	06/05/2019 17:38
Dibromochloromethane	ND	0.0055	1	06/05/2019 17:38
1,2-Dibromo-3-chloropropane	ND	0.00027	1	06/05/2019 17:38
1,2-Dibromoethane (EDB)	ND	0.00011	1	06/05/2019 17:38
Dibromomethane	ND	0.0055	1	06/05/2019 17:38
1,2-Dichlorobenzene	ND	0.0055	1	06/05/2019 17:38
1,3-Dichlorobenzene	ND	0.0055	1	06/05/2019 17:38
1,4-Dichlorobenzene	ND	0.0055	1	06/05/2019 17:38
Dichlorodifluoromethane	ND	0.0055	1	06/05/2019 17:38
1,1-Dichloroethane	ND	0.0055	1	06/05/2019 17:38
1,2-Dichloroethane (1,2-DCA)	ND	0.00027	1	06/05/2019 17:38
1,1-Dichloroethene	ND	0.00027	1	06/05/2019 17:38
cis-1,2-Dichloroethene	ND	0.0055	1	06/05/2019 17:38
trans-1,2-Dichloroethene	ND	0.0055	1	06/05/2019 17:38
1,2-Dichloropropane	ND	0.0055	1	06/05/2019 17:38
1,3-Dichloropropane	ND	0.0055	1	06/05/2019 17:38
2,2-Dichloropropane	ND	0.0055	1	06/05/2019 17:38

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Analytical Report

Client:	Farallon Consulting	**WorkOrder:**	1906109
Date Received:	6/4/19 16:15	**Extraction Method:**	SW5035
Date Prepared:	6/4/19	**Analytical Method:**	SW8260B
Project:	1363-006; Brisbane Quarry	**Unit:**	mg/Kg

Volatile Organics [Encore Sampling]

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
S-6	1906109-006A	Soil	06/04/2019 10:35	GC38 06051916.D	179019

Analytes	Result	RL	DF	Date Analyzed
1,1-Dichloropropene	ND	0.0055	1	06/05/2019 17:38
cis-1,3-Dichloropropene	ND	0.0055	1	06/05/2019 17:38
trans-1,3-Dichloropropene	ND	0.0055	1	06/05/2019 17:38
Diisopropyl ether (DIPE)	ND	0.0055	1	06/05/2019 17:38
Ethylbenzene	ND	0.0055	1	06/05/2019 17:38
Ethyl tert-butyl ether (ETBE)	ND	0.0055	1	06/05/2019 17:38
Freon 113	ND	0.0055	1	06/05/2019 17:38
Hexachlorobutadiene	ND	0.0055	1	06/05/2019 17:38
Hexachloroethane	ND	0.0055	1	06/05/2019 17:38
2-Hexanone	ND	0.0055	1	06/05/2019 17:38
Isopropylbenzene	ND	0.0055	1	06/05/2019 17:38
4-Isopropyl toluene	ND	0.0055	1	06/05/2019 17:38
Methyl-t-butyl ether (MTBE)	ND	0.0055	1	06/05/2019 17:38
Methylene chloride	ND	0.011	1	06/05/2019 17:38
4-Methyl-2-pentanone (MIBK)	ND	0.0055	1	06/05/2019 17:38
Naphthalene	ND	0.0055	1	06/05/2019 17:38
n-Propyl benzene	ND	0.0055	1	06/05/2019 17:38
Styrene	ND	0.0055	1	06/05/2019 17:38
1,1,1,2-Tetrachloroethane	ND	0.0055	1	06/05/2019 17:38
1,1,2,2-Tetrachloroethane	ND	0.00027	1	06/05/2019 17:38
Tetrachloroethene	ND	0.0011	1	06/05/2019 17:38
Toluene	ND	0.0055	1	06/05/2019 17:38
1,2,3-Trichlorobenzene	ND	0.0055	1	06/05/2019 17:38
1,2,4-Trichlorobenzene	ND	0.0055	1	06/05/2019 17:38
1,1,1-Trichloroethane	ND	0.0055	1	06/05/2019 17:38
1,1,2-Trichloroethane	ND	0.0055	1	06/05/2019 17:38
Trichloroethene	ND	0.0055	1	06/05/2019 17:38
Trichlorofluoromethane	ND	0.0055	1	06/05/2019 17:38
1,2,3-Trichloropropane	ND	0.000055	1	06/05/2019 17:38
1,2,4-Trimethylbenzene	ND	0.0055	1	06/05/2019 17:38
1,3,5-Trimethylbenzene	ND	0.0055	1	06/05/2019 17:38
Vinyl Chloride	ND	0.00027	1	06/05/2019 17:38
m,p-Xylene	ND	0.0055	1	06/05/2019 17:38
o-Xylene	ND	0.0055	1	06/05/2019 17:38
Xylenes, Total	ND	0.0055	1	06/05/2019 17:38
1,3-Dichloropropene, Total	ND	NA	1	06/05/2019 17:38

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Analytical Report

Client:	Farallon Consulting	**WorkOrder:**	1906109
Date Received:	6/4/19 16:15	**Extraction Method:**	SW5035
Date Prepared:	6/4/19	**Analytical Method:**	SW8260B
Project:	1363-006; Brisbane Quarry	**Unit:**	mg/Kg

Volatile Organics [Encore Sampling]

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
S-6	**1906109-006A**	**Soil**	**06/04/2019 10:35**	**GC38 06051916.D**	**179019**

Analytes	Result	RL	DF	Date Analyzed

Surrogates	REC (%)	Qualifiers	Limits	
Dibromofluoromethane	97		71-151	06/05/2019 17:38
Toluene-d8	101		90-150	06/05/2019 17:38
4-BFB	97		83-143	06/05/2019 17:38
Benzene-d6	133	S	71-118	06/05/2019 17:38
Ethylbenzene-d10	129	S	79-125	06/05/2019 17:38
1,2-DCB-d4	94		57-112	06/05/2019 17:38

Analyst(s): KF Analytical Comments: a9,c2

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Analytical Report

Client:	Farallon Consulting	**WorkOrder:**	1906109
Date Received:	6/4/19 16:15	**Extraction Method:**	SW5035
Date Prepared:	6/4/19	**Analytical Method:**	SW8260B
Project:	1363-006; Brisbane Quarry	**Unit:**	mg/Kg

Volatile Organics [Encore Sampling]

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
S-7	1906109-007A	Soil	06/04/2019 10:40	GC38 06051917.D	179019

Analytes	Result	RL	DF	Date Analyzed
Acetone	ND	0.11	1	06/05/2019 18:17
tert-Amyl methyl ether (TAME)	ND	0.0054	1	06/05/2019 18:17
Benzene	ND	0.0054	1	06/05/2019 18:17
Bromobenzene	ND	0.0054	1	06/05/2019 18:17
Bromochloromethane	ND	0.0054	1	06/05/2019 18:17
Bromodichloromethane	ND	0.0011	1	06/05/2019 18:17
Bromoform	ND	0.0054	1	06/05/2019 18:17
Bromomethane	ND	0.0054	1	06/05/2019 18:17
2-Butanone (MEK)	ND	0.022	1	06/05/2019 18:17
t-Butyl alcohol (TBA)	ND	0.054	1	06/05/2019 18:17
n-Butyl benzene	ND	0.0054	1	06/05/2019 18:17
sec-Butyl benzene	ND	0.0054	1	06/05/2019 18:17
tert-Butyl benzene	ND	0.0054	1	06/05/2019 18:17
Carbon Disulfide	ND	0.0054	1	06/05/2019 18:17
Carbon Tetrachloride	ND	0.0054	1	06/05/2019 18:17
Chlorobenzene	ND	0.0054	1	06/05/2019 18:17
Chloroethane	ND	0.0054	1	06/05/2019 18:17
Chloroform	ND	0.0054	1	06/05/2019 18:17
Chloromethane	ND	0.0054	1	06/05/2019 18:17
2-Chlorotoluene	ND	0.0054	1	06/05/2019 18:17
4-Chlorotoluene	ND	0.0054	1	06/05/2019 18:17
Dibromochloromethane	ND	0.0054	1	06/05/2019 18:17
1,2-Dibromo-3-chloropropane	ND	0.00027	1	06/05/2019 18:17
1,2-Dibromoethane (EDB)	ND	0.00011	1	06/05/2019 18:17
Dibromomethane	ND	0.0054	1	06/05/2019 18:17
1,2-Dichlorobenzene	ND	0.0054	1	06/05/2019 18:17
1,3-Dichlorobenzene	ND	0.0054	1	06/05/2019 18:17
1,4-Dichlorobenzene	ND	0.0054	1	06/05/2019 18:17
Dichlorodifluoromethane	ND	0.0054	1	06/05/2019 18:17
1,1-Dichloroethane	ND	0.0054	1	06/05/2019 18:17
1,2-Dichloroethane (1,2-DCA)	ND	0.00027	1	06/05/2019 18:17
1,1-Dichloroethene	ND	0.00027	1	06/05/2019 18:17
cis-1,2-Dichloroethene	ND	0.0054	1	06/05/2019 18:17
trans-1,2-Dichloroethene	ND	0.0054	1	06/05/2019 18:17
1,2-Dichloropropane	ND	0.0054	1	06/05/2019 18:17
1,3-Dichloropropane	ND	0.0054	1	06/05/2019 18:17
2,2-Dichloropropane	ND	0.0054	1	06/05/2019 18:17

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Analytical Report

Client:	Farallon Consulting	**WorkOrder:**	1906109
Date Received:	6/4/19 16:15	**Extraction Method:**	SW5035
Date Prepared:	6/4/19	**Analytical Method:**	SW8260B
Project:	1363-006; Brisbane Quarry	**Unit:**	mg/Kg

Volatile Organics [Encore Sampling]

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
S-7	1906109-007A	Soil	06/04/2019 10:40	GC38 06051917.D	179019

Analytes	Result	RL	DF	Date Analyzed
1,1-Dichloropropene	ND	0.0054	1	06/05/2019 18:17
cis-1,3-Dichloropropene	ND	0.0054	1	06/05/2019 18:17
trans-1,3-Dichloropropene	ND	0.0054	1	06/05/2019 18:17
Diisopropyl ether (DIPE)	ND	0.0054	1	06/05/2019 18:17
Ethylbenzene	ND	0.0054	1	06/05/2019 18:17
Ethyl tert-butyl ether (ETBE)	ND	0.0054	1	06/05/2019 18:17
Freon 113	ND	0.0054	1	06/05/2019 18:17
Hexachlorobutadiene	ND	0.0054	1	06/05/2019 18:17
Hexachloroethane	ND	0.0054	1	06/05/2019 18:17
2-Hexanone	ND	0.0054	1	06/05/2019 18:17
Isopropylbenzene	ND	0.0054	1	06/05/2019 18:17
4-Isopropyl toluene	ND	0.0054	1	06/05/2019 18:17
Methyl-t-butyl ether (MTBE)	ND	0.0054	1	06/05/2019 18:17
Methylene chloride	ND	0.011	1	06/05/2019 18:17
4-Methyl-2-pentanone (MIBK)	ND	0.0054	1	06/05/2019 18:17
Naphthalene	ND	0.0054	1	06/05/2019 18:17
n-Propyl benzene	ND	0.0054	1	06/05/2019 18:17
Styrene	ND	0.0054	1	06/05/2019 18:17
1,1,1,2-Tetrachloroethane	ND	0.0054	1	06/05/2019 18:17
1,1,2,2-Tetrachloroethane	ND	0.00027	1	06/05/2019 18:17
Tetrachloroethene	ND	0.0011	1	06/05/2019 18:17
Toluene	ND	0.0054	1	06/05/2019 18:17
1,2,3-Trichlorobenzene	ND	0.0054	1	06/05/2019 18:17
1,2,4-Trichlorobenzene	ND	0.0054	1	06/05/2019 18:17
1,1,1-Trichloroethane	ND	0.0054	1	06/05/2019 18:17
1,1,2-Trichloroethane	ND	0.0054	1	06/05/2019 18:17
Trichloroethene	ND	0.0054	1	06/05/2019 18:17
Trichlorofluoromethane	ND	0.0054	1	06/05/2019 18:17
1,2,3-Trichloropropane	ND	0.000054	1	06/05/2019 18:17
1,2,4-Trimethylbenzene	ND	0.0054	1	06/05/2019 18:17
1,3,5-Trimethylbenzene	ND	0.0054	1	06/05/2019 18:17
Vinyl Chloride	ND	0.00027	1	06/05/2019 18:17
m,p-Xylene	ND	0.0054	1	06/05/2019 18:17
o-Xylene	ND	0.0054	1	06/05/2019 18:17
Xylenes, Total	ND	0.0054	1	06/05/2019 18:17
1,3-Dichloropropene, Total	ND	NA	1	06/05/2019 18:17

(Cont.)

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Analytical Report

Client:	Farallon Consulting	**WorkOrder:**	1906109
Date Received:	6/4/19 16:15	**Extraction Method:**	SW5035
Date Prepared:	6/4/19	**Analytical Method:**	SW8260B
Project:	1363-006; Brisbane Quarry	**Unit:**	mg/Kg

Volatile Organics [Encore Sampling]

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
S-7	**1906109-007A**	**Soil**	**06/04/2019 10:40**	**GC38 06051917.D**	**179019**

Analytes	Result	RL	DF	Date Analyzed
Surrogates	**REC (%)**	**Limits**		
Dibromofluoromethane	96	71-151		06/05/2019 18:17
Toluene-d8	101	90-150		06/05/2019 18:17
4-BFB	98	83-143		06/05/2019 18:17
Benzene-d6	106	71-118		06/05/2019 18:17
Ethylbenzene-d10	100	79-125		06/05/2019 18:17
1,2-DCB-d4	77	57-112		06/05/2019 18:17

Analyst(s): KF Analytical Comments: a9

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Analytical Report

Client:	Farallon Consulting	**WorkOrder:**	1906109
Date Received:	6/4/19 16:15	**Extraction Method:**	SW5035
Date Prepared:	6/4/19	**Analytical Method:**	SW8260B
Project:	1363-006; Brisbane Quarry	**Unit:**	mg/Kg

Volatile Organics [Encore Sampling]

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
S-8	1906109-008A	Soil	06/04/2019 10:45	GC38 06051928.D	179019

Analytes	Result	RL	DF	Date Analyzed
Acetone	ND	0.10	1	06/06/2019 01:22
tert-Amyl methyl ether (TAME)	ND	0.0050	1	06/06/2019 01:22
Benzene	ND	0.0050	1	06/06/2019 01:22
Bromobenzene	ND	0.0050	1	06/06/2019 01:22
Bromochloromethane	ND	0.0050	1	06/06/2019 01:22
Bromodichloromethane	ND	0.0010	1	06/06/2019 01:22
Bromoform	ND	0.0050	1	06/06/2019 01:22
Bromomethane	ND	0.0050	1	06/06/2019 01:22
2-Butanone (MEK)	ND	0.020	1	06/06/2019 01:22
t-Butyl alcohol (TBA)	ND	0.050	1	06/06/2019 01:22
n-Butyl benzene	ND	0.0050	1	06/06/2019 01:22
sec-Butyl benzene	ND	0.0050	1	06/06/2019 01:22
tert-Butyl benzene	ND	0.0050	1	06/06/2019 01:22
Carbon Disulfide	ND	0.0050	1	06/06/2019 01:22
Carbon Tetrachloride	ND	0.0050	1	06/06/2019 01:22
Chlorobenzene	ND	0.0050	1	06/06/2019 01:22
Chloroethane	ND	0.0050	1	06/06/2019 01:22
Chloroform	ND	0.0050	1	06/06/2019 01:22
Chloromethane	ND	0.0050	1	06/06/2019 01:22
2-Chlorotoluene	ND	0.0050	1	06/06/2019 01:22
4-Chlorotoluene	ND	0.0050	1	06/06/2019 01:22
Dibromochloromethane	ND	0.0050	1	06/06/2019 01:22
1,2-Dibromo-3-chloropropane	ND	0.00025	1	06/06/2019 01:22
1,2-Dibromoethane (EDB)	ND	0.00010	1	06/06/2019 01:22
Dibromomethane	ND	0.0050	1	06/06/2019 01:22
1,2-Dichlorobenzene	ND	0.0050	1	06/06/2019 01:22
1,3-Dichlorobenzene	ND	0.0050	1	06/06/2019 01:22
1,4-Dichlorobenzene	ND	0.0050	1	06/06/2019 01:22
Dichlorodifluoromethane	ND	0.0050	1	06/06/2019 01:22
1,1-Dichloroethane	ND	0.0050	1	06/06/2019 01:22
1,2-Dichloroethane (1,2-DCA)	ND	0.00025	1	06/06/2019 01:22
1,1-Dichloroethene	ND	0.00025	1	06/06/2019 01:22
cis-1,2-Dichloroethene	ND	0.0050	1	06/06/2019 01:22
trans-1,2-Dichloroethene	ND	0.0050	1	06/06/2019 01:22
1,2-Dichloropropane	ND	0.0050	1	06/06/2019 01:22
1,3-Dichloropropane	ND	0.0050	1	06/06/2019 01:22
2,2-Dichloropropane	ND	0.0050	1	06/06/2019 01:22

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Analytical Report

Client:	Farallon Consulting	**WorkOrder:**	1906109
Date Received:	6/4/19 16:15	**Extraction Method:**	SW5035
Date Prepared:	6/4/19	**Analytical Method:**	SW8260B
Project:	1363-006; Brisbane Quarry	**Unit:**	mg/Kg

Volatile Organics [Encore Sampling]

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
S-8	1906109-008A	Soil	06/04/2019 10:45	GC38 06051928.D	179019

Analytes	Result	RL	DF	Date Analyzed
1,1-Dichloropropene	ND	0.0050	1	06/06/2019 01:22
cis-1,3-Dichloropropene	ND	0.0050	1	06/06/2019 01:22
trans-1,3-Dichloropropene	ND	0.0050	1	06/06/2019 01:22
Diisopropyl ether (DIPE)	ND	0.0050	1	06/06/2019 01:22
Ethylbenzene	ND	0.0050	1	06/06/2019 01:22
Ethyl tert-butyl ether (ETBE)	ND	0.0050	1	06/06/2019 01:22
Freon 113	ND	0.0050	1	06/06/2019 01:22
Hexachlorobutadiene	ND	0.0050	1	06/06/2019 01:22
Hexachloroethane	ND	0.0050	1	06/06/2019 01:22
2-Hexanone	ND	0.0050	1	06/06/2019 01:22
Isopropylbenzene	ND	0.0050	1	06/06/2019 01:22
4-Isopropyl toluene	ND	0.0050	1	06/06/2019 01:22
Methyl-t-butyl ether (MTBE)	ND	0.0050	1	06/06/2019 01:22
Methylene chloride	ND	0.010	1	06/06/2019 01:22
4-Methyl-2-pentanone (MIBK)	ND	0.0050	1	06/06/2019 01:22
Naphthalene	ND	0.0050	1	06/06/2019 01:22
n-Propyl benzene	ND	0.0050	1	06/06/2019 01:22
Styrene	ND	0.0050	1	06/06/2019 01:22
1,1,1,2-Tetrachloroethane	ND	0.0050	1	06/06/2019 01:22
1,1,2,2-Tetrachloroethane	ND	0.00025	1	06/06/2019 01:22
Tetrachloroethene	ND	0.0010	1	06/06/2019 01:22
Toluene	ND	0.0050	1	06/06/2019 01:22
1,2,3-Trichlorobenzene	ND	0.0050	1	06/06/2019 01:22
1,2,4-Trichlorobenzene	ND	0.0050	1	06/06/2019 01:22
1,1,1-Trichloroethane	ND	0.0050	1	06/06/2019 01:22
1,1,2-Trichloroethane	ND	0.0050	1	06/06/2019 01:22
Trichloroethene	ND	0.0050	1	06/06/2019 01:22
Trichlorofluoromethane	ND	0.0050	1	06/06/2019 01:22
1,2,3-Trichloropropane	ND	0.000050	1	06/06/2019 01:22
1,2,4-Trimethylbenzene	ND	0.0050	1	06/06/2019 01:22
1,3,5-Trimethylbenzene	ND	0.0050	1	06/06/2019 01:22
Vinyl Chloride	ND	0.00025	1	06/06/2019 01:22
m,p-Xylene	ND	0.0050	1	06/06/2019 01:22
o-Xylene	ND	0.0050	1	06/06/2019 01:22
Xylenes, Total	ND	0.0050	1	06/06/2019 01:22
1,3-Dichloropropene, Total	ND	NA	1	06/06/2019 01:22

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Analytical Report

Client:	Farallon Consulting	**WorkOrder:**	1906109
Date Received:	6/4/19 16:15	**Extraction Method:**	SW5035
Date Prepared:	6/4/19	**Analytical Method:**	SW8260B
Project:	1363-006; Brisbane Quarry	**Unit:**	mg/Kg

Volatile Organics [Encore Sampling]

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
S-8	**1906109-008A**	**Soil**	**06/04/2019 10:45**	**GC38 06051928.D**	**179019**

Analytes	Result	RL	DF	Date Analyzed
Surrogates	**REC (%)**	**Limits**		
Dibromofluoromethane	97	71-151		06/06/2019 01:22
Toluene-d8	101	90-150		06/06/2019 01:22
4-BFB	101	83-143		06/06/2019 01:22
Benzene-d6	109	71-118		06/06/2019 01:22
Ethylbenzene-d10	102	79-125		06/06/2019 01:22
1,2-DCB-d4	79	57-112		06/06/2019 01:22

Analyst(s): KF Analytical Comments: a9

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Analytical Report

Client:	Farallon Consulting	**WorkOrder:**	1906109
Date Received:	6/4/19 16:15	**Extraction Method:**	SW5035
Date Prepared:	6/4/19	**Analytical Method:**	SW8260B
Project:	1363-006; Brisbane Quarry	**Unit:**	mg/Kg

Volatile Organics [Encore Sampling]

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
S-9	1906109-009A	Soil	06/04/2019 10:50	GC38 06051929.D	179019

Analytes	Result	RL	DF	Date Analyzed
Acetone	ND	0.089	1	06/06/2019 01:59
tert-Amyl methyl ether (TAME)	ND	0.0044	1	06/06/2019 01:59
Benzene	ND	0.0044	1	06/06/2019 01:59
Bromobenzene	ND	0.0044	1	06/06/2019 01:59
Bromochloromethane	ND	0.0044	1	06/06/2019 01:59
Bromodichloromethane	ND	0.00089	1	06/06/2019 01:59
Bromoform	ND	0.0044	1	06/06/2019 01:59
Bromomethane	ND	0.0044	1	06/06/2019 01:59
2-Butanone (MEK)	ND	0.018	1	06/06/2019 01:59
t-Butyl alcohol (TBA)	ND	0.044	1	06/06/2019 01:59
n-Butyl benzene	ND	0.0044	1	06/06/2019 01:59
sec-Butyl benzene	ND	0.0044	1	06/06/2019 01:59
tert-Butyl benzene	ND	0.0044	1	06/06/2019 01:59
Carbon Disulfide	ND	0.0044	1	06/06/2019 01:59
Carbon Tetrachloride	ND	0.0044	1	06/06/2019 01:59
Chlorobenzene	ND	0.0044	1	06/06/2019 01:59
Chloroethane	ND	0.0044	1	06/06/2019 01:59
Chloroform	ND	0.0044	1	06/06/2019 01:59
Chloromethane	ND	0.0044	1	06/06/2019 01:59
2-Chlorotoluene	ND	0.0044	1	06/06/2019 01:59
4-Chlorotoluene	ND	0.0044	1	06/06/2019 01:59
Dibromochloromethane	ND	0.0044	1	06/06/2019 01:59
1,2-Dibromo-3-chloropropane	ND	0.00022	1	06/06/2019 01:59
1,2-Dibromoethane (EDB)	ND	0.000089	1	06/06/2019 01:59
Dibromomethane	ND	0.0044	1	06/06/2019 01:59
1,2-Dichlorobenzene	ND	0.0044	1	06/06/2019 01:59
1,3-Dichlorobenzene	ND	0.0044	1	06/06/2019 01:59
1,4-Dichlorobenzene	ND	0.0044	1	06/06/2019 01:59
Dichlorodifluoromethane	ND	0.0044	1	06/06/2019 01:59
1,1-Dichloroethane	ND	0.0044	1	06/06/2019 01:59
1,2-Dichloroethane (1,2-DCA)	ND	0.00022	1	06/06/2019 01:59
1,1-Dichloroethene	ND	0.00022	1	06/06/2019 01:59
cis-1,2-Dichloroethene	ND	0.0044	1	06/06/2019 01:59
trans-1,2-Dichloroethene	ND	0.0044	1	06/06/2019 01:59
1,2-Dichloropropane	ND	0.0044	1	06/06/2019 01:59
1,3-Dichloropropane	ND	0.0044	1	06/06/2019 01:59
2,2-Dichloropropane	ND	0.0044	1	06/06/2019 01:59

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Analytical Report

Client:	Farallon Consulting	**WorkOrder:**	1906109
Date Received:	6/4/19 16:15	**Extraction Method:**	SW5035
Date Prepared:	6/4/19	**Analytical Method:**	SW8260B
Project:	1363-006; Brisbane Quarry	**Unit:**	mg/Kg

Volatile Organics [Encore Sampling]

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
S-9	1906109-009A	Soil	06/04/2019 10:50	GC38 06051929.D	179019

Analytes	Result	RL	DF	Date Analyzed
1,1-Dichloropropene	ND	0.0044	1	06/06/2019 01:59
cis-1,3-Dichloropropene	ND	0.0044	1	06/06/2019 01:59
trans-1,3-Dichloropropene	ND	0.0044	1	06/06/2019 01:59
Diisopropyl ether (DIPE)	ND	0.0044	1	06/06/2019 01:59
Ethylbenzene	ND	0.0044	1	06/06/2019 01:59
Ethyl tert-butyl ether (ETBE)	ND	0.0044	1	06/06/2019 01:59
Freon 113	ND	0.0044	1	06/06/2019 01:59
Hexachlorobutadiene	ND	0.0044	1	06/06/2019 01:59
Hexachloroethane	ND	0.0044	1	06/06/2019 01:59
2-Hexanone	ND	0.0044	1	06/06/2019 01:59
Isopropylbenzene	ND	0.0044	1	06/06/2019 01:59
4-Isopropyl toluene	ND	0.0044	1	06/06/2019 01:59
Methyl-t-butyl ether (MTBE)	ND	0.0044	1	06/06/2019 01:59
Methylene chloride	ND	0.0089	1	06/06/2019 01:59
4-Methyl-2-pentanone (MIBK)	ND	0.0044	1	06/06/2019 01:59
Naphthalene	ND	0.0044	1	06/06/2019 01:59
n-Propyl benzene	ND	0.0044	1	06/06/2019 01:59
Styrene	ND	0.0044	1	06/06/2019 01:59
1,1,1,2-Tetrachloroethane	ND	0.0044	1	06/06/2019 01:59
1,1,2,2-Tetrachloroethane	ND	0.00022	1	06/06/2019 01:59
Tetrachloroethene	ND	0.00089	1	06/06/2019 01:59
Toluene	ND	0.0044	1	06/06/2019 01:59
1,2,3-Trichlorobenzene	ND	0.0044	1	06/06/2019 01:59
1,2,4-Trichlorobenzene	ND	0.0044	1	06/06/2019 01:59
1,1,1-Trichloroethane	ND	0.0044	1	06/06/2019 01:59
1,1,2-Trichloroethane	ND	0.0044	1	06/06/2019 01:59
Trichloroethene	ND	0.0044	1	06/06/2019 01:59
Trichlorofluoromethane	ND	0.0044	1	06/06/2019 01:59
1,2,3-Trichloropropane	ND	0.000044	1	06/06/2019 01:59
1,2,4-Trimethylbenzene	ND	0.0044	1	06/06/2019 01:59
1,3,5-Trimethylbenzene	ND	0.0044	1	06/06/2019 01:59
Vinyl Chloride	ND	0.00022	1	06/06/2019 01:59
m,p-Xylene	ND	0.0044	1	06/06/2019 01:59
o-Xylene	ND	0.0044	1	06/06/2019 01:59
Xylenes, Total	ND	0.0044	1	06/06/2019 01:59
1,3-Dichloropropene, Total	ND	NA	1	06/06/2019 01:59

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Analytical Report

Client:	Farallon Consulting	**WorkOrder:**	1906109
Date Received:	6/4/19 16:15	**Extraction Method:**	SW5035
Date Prepared:	6/4/19	**Analytical Method:**	SW8260B
Project:	1363-006; Brisbane Quarry	**Unit:**	mg/Kg

Volatile Organics [Encore Sampling]

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
S-9	**1906109-009A**	**Soil**	**06/04/2019 10:50**	**GC38 06051929.D**	**179019**

Analytes	Result	RL	DF	Date Analyzed
Surrogates	**REC (%)**	**Limits**		
Dibromofluoromethane	90	71-151		06/06/2019 01:59
Toluene-d8	103	90-150		06/06/2019 01:59
4-BFB	102	83-143		06/06/2019 01:59
Benzene-d6	103	71-118		06/06/2019 01:59
Ethylbenzene-d10	107	79-125		06/06/2019 01:59
1,2-DCB-d4	81	57-112		06/06/2019 01:59

Analyst(s): KF Analytical Comments: a9

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Analytical Report

Client:	Farallon Consulting	**WorkOrder:**	1906109
Date Received:	6/4/19 16:15	**Extraction Method:**	SW3550B/3640A
Date Prepared:	6/6/19	**Analytical Method:**	SW8270C
Project:	1363-006; Brisbane Quarry	**Unit:**	mg/Kg

Semi-Volatile Organics (Low Level) with GPC Cleanup

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
S-1	1906109-001A	Soil	06/04/2019 10:10	GC21 06061932.D	179144

Analytes	Result	RL	DF	Date Analyzed
Acenaphthene	ND	0.0026	2	06/06/2019 23:57
Acenaphthylene	ND	0.0026	2	06/06/2019 23:57
Acetochlor	ND	0.50	2	06/06/2019 23:57
Anthracene	ND	0.0026	2	06/06/2019 23:57
Benzidine	ND	2.5	2	06/06/2019 23:57
Benzo (a) anthracene	**0.018**	0.010	2	06/06/2019 23:57
Benzo (a) pyrene	**0.018**	0.0050	2	06/06/2019 23:57
Benzo (b) fluoranthene	**0.015**	0.0026	2	06/06/2019 23:57
Benzo (g,h,i) perylene	**0.026**	0.0050	2	06/06/2019 23:57
Benzo (k) fluoranthene	**0.0085**	0.0026	2	06/06/2019 23:57
Benzyl Alcohol	ND	2.5	2	06/06/2019 23:57
1,1-Biphenyl	ND	0.026	2	06/06/2019 23:57
Bis (2-chloroethoxy) Methane	ND	0.50	2	06/06/2019 23:57
Bis (2-chloroethyl) Ether	ND	0.0050	2	06/06/2019 23:57
Bis (2-chloroisopropyl) Ether	ND	0.0050	2	06/06/2019 23:57
Bis (2-ethylhexyl) Adipate	ND	1.0	2	06/06/2019 23:57
Bis (2-ethylhexyl) Phthalate	**0.017**	0.010	2	06/06/2019 23:57
4-Bromophenyl Phenyl Ether	ND	0.50	2	06/06/2019 23:57
Butylbenzyl Phthalate	ND	0.050	2	06/06/2019 23:57
4-Chloroaniline	ND	0.0050	2	06/06/2019 23:57
4-Chloro-3-methylphenol	ND	0.50	2	06/06/2019 23:57
2-Chloronaphthalene	ND	0.50	2	06/06/2019 23:57
2-Chlorophenol	ND	0.010	2	06/06/2019 23:57
4-Chlorophenyl Phenyl Ether	ND	0.50	2	06/06/2019 23:57
Chrysene	**0.023**	0.0050	2	06/06/2019 23:57
Dibenzo (a,h) anthracene	**0.0065**	0.0050	2	06/06/2019 23:57
Dibenzofuran	ND	0.50	2	06/06/2019 23:57
Di-n-butyl Phthalate	ND	0.0050	2	06/06/2019 23:57
1,2-Dichlorobenzene	ND	0.50	2	06/06/2019 23:57
1,3-Dichlorobenzene	ND	0.50	2	06/06/2019 23:57
1,4-Dichlorobenzene	ND	0.50	2	06/06/2019 23:57
3,3-Dichlorobenzidine	ND	0.0050	2	06/06/2019 23:57
2,4-Dichlorophenol	ND	0.026	2	06/06/2019 23:57
Diethyl Phthalate	ND	0.010	2	06/06/2019 23:57
2,4-Dimethylphenol	ND	0.50	2	06/06/2019 23:57
Dimethyl Phthalate	ND	0.0050	2	06/06/2019 23:57
4,6-Dinitro-2-methylphenol	ND	2.5	2	06/06/2019 23:57

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Analytical Report

Client: Farallon Consulting
Date Received: 6/4/19 16:15
Date Prepared: 6/6/19
Project: 1363-006; Brisbane Quarry

WorkOrder: 1906109
Extraction Method: SW3550B/3640A
Analytical Method: SW8270C
Unit: mg/Kg

Semi-Volatile Organics (Low Level) with GPC Cleanup

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
S-1	1906109-001A	Soil	06/04/2019 10:10	GC21 06061932.D	179144

Analytes	Result	RL	DF	Date Analyzed
2,4-Dinitrophenol	ND	0.26	2	06/06/2019 23:57
2,4-Dinitrotoluene	ND	0.013	2	06/06/2019 23:57
2,6-Dinitrotoluene	ND	0.0050	2	06/06/2019 23:57
Di-n-octyl Phthalate	ND	0.010	2	06/06/2019 23:57
1,2-Diphenylhydrazine	ND	0.50	2	06/06/2019 23:57
Fluoranthene	**0.023**	0.0026	2	06/06/2019 23:57
Fluorene	ND	0.0050	2	06/06/2019 23:57
Hexachlorobenzene	ND	0.0026	2	06/06/2019 23:57
Hexachlorobutadiene	ND	0.0050	2	06/06/2019 23:57
Hexachlorocyclopentadiene	ND	4.0	2	06/06/2019 23:57
Hexachloroethane	ND	0.0050	2	06/06/2019 23:57
Indeno (1,2,3-cd) pyrene	**0.013**	0.0050	2	06/06/2019 23:57
Isophorone	ND	0.50	2	06/06/2019 23:57
2-Methylnaphthalene	ND	0.0050	2	06/06/2019 23:57
2-Methylphenol (o-Cresol)	ND	1.0	2	06/06/2019 23:57
3 & 4-Methylphenol (m,p-Cresol)	ND	0.50	2	06/06/2019 23:57
Naphthalene	ND	0.0026	2	06/06/2019 23:57
2-Nitroaniline	ND	2.5	2	06/06/2019 23:57
3-Nitroaniline	ND	2.5	2	06/06/2019 23:57
4-Nitroaniline	ND	2.5	2	06/06/2019 23:57
Nitrobenzene	ND	0.50	2	06/06/2019 23:57
2-Nitrophenol	ND	2.5	2	06/06/2019 23:57
4-Nitrophenol	ND	2.5	2	06/06/2019 23:57
N-Nitrosodiphenylamine	ND	0.50	2	06/06/2019 23:57
N-Nitrosodi-n-propylamine	ND	0.50	2	06/06/2019 23:57
Pentachlorophenol	ND	0.063	2	06/06/2019 23:57
Phenanthrene	ND	0.010	2	06/06/2019 23:57
Phenol	ND	0.010	2	06/06/2019 23:57
Pyrene	**0.024**	0.0050	2	06/06/2019 23:57
Pyridine	ND	0.50	2	06/06/2019 23:57
1,2,4-Trichlorobenzene	ND	0.50	2	06/06/2019 23:57
2,4,5-Trichlorophenol	ND	0.0050	2	06/06/2019 23:57
2,4,6-Trichlorophenol	ND	0.026	2	06/06/2019 23:57

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Analytical Report

Client:	Farallon Consulting	**WorkOrder:**	1906109
Date Received:	6/4/19 16:15	**Extraction Method:**	SW3550B/3640A
Date Prepared:	6/6/19	**Analytical Method:**	SW8270C
Project:	1363-006; Brisbane Quarry	**Unit:**	mg/Kg

Semi-Volatile Organics (Low Level) with GPC Cleanup

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
S-1	**1906109-001A**	**Soil**	**06/04/2019 10:10**	**GC21 06061932.D**	**179144**

Analytes	Result	RL	DF	Date Analyzed
Surrogates	**REC (%)**	**Limits**		
2-Fluorophenol	99	30-167		06/06/2019 23:57
Phenol-d5	84	58-149		06/06/2019 23:57
Nitrobenzene-d5	81	54-137		06/06/2019 23:57
2-Fluorobiphenyl	82	59-113		06/06/2019 23:57
2,4,6-Tribromophenol	69	21-171		06/06/2019 23:57
4-Terphenyl-d14	105	65-126		06/06/2019 23:57

Analyst(s): REB

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Analytical Report

Client:	Farallon Consulting	**WorkOrder:**	1906109
Date Received:	6/4/19 16:15	**Extraction Method:**	SW3550B/3640A
Date Prepared:	6/6/19	**Analytical Method:**	SW8270C
Project:	1363-006; Brisbane Quarry	**Unit:**	mg/Kg

Semi-Volatile Organics (Low Level) with GPC Cleanup

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
S-2	1906109-002A	Soil	06/04/2019 10:15	GC21 06111927.D	179144

Analytes	Result	Qualifiers	RL	DF	Date Analyzed
Acenaphthene	ND		0.0013	1	06/11/2019 21:42
Acenaphthylene	ND		0.0013	1	06/11/2019 21:42
Acetochlor	ND		0.25	1	06/11/2019 21:42
Anthracene	ND		0.0013	1	06/11/2019 21:42
Benzidine	ND		1.2	1	06/11/2019 21:42
Benzo (a) anthracene	**0.0096**		0.0050	1	06/11/2019 21:42
Benzo (a) pyrene	**0.0070**		0.0025	1	06/11/2019 21:42
Benzo (b) fluoranthene	**0.0060**		0.0013	1	06/11/2019 21:42
Benzo (g,h,i) perylene	**0.0092**		0.0025	1	06/11/2019 21:42
Benzo (k) fluoranthene	**0.0047**		0.0013	1	06/11/2019 21:42
Benzyl Alcohol	ND		1.2	1	06/11/2019 21:42
1,1-Biphenyl	ND		0.013	1	06/11/2019 21:42
Bis (2-chloroethoxy) Methane	ND		0.25	1	06/11/2019 21:42
Bis (2-chloroethyl) Ether	ND		0.0025	1	06/11/2019 21:42
Bis (2-chloroisopropyl) Ether	ND		0.0025	1	06/11/2019 21:42
Bis (2-ethylhexyl) Adipate	ND		0.50	1	06/11/2019 21:42
Bis (2-ethylhexyl) Phthalate	**0.0082**		0.0050	1	06/11/2019 21:42
4-Bromophenyl Phenyl Ether	ND		0.25	1	06/11/2019 21:42
Butylbenzyl Phthalate	ND		0.025	1	06/11/2019 21:42
4-Chloroaniline	ND		0.0025	1	06/11/2019 21:42
4-Chloro-3-methylphenol	ND		0.25	1	06/11/2019 21:42
2-Chloronaphthalene	ND		0.25	1	06/11/2019 21:42
2-Chlorophenol	ND		0.0050	1	06/11/2019 21:42
4-Chlorophenyl Phenyl Ether	ND		0.25	1	06/11/2019 21:42
Chrysene	**0.011**		0.0025	1	06/11/2019 21:42
Dibenzo (a,h) anthracene	**0.0034**		0.0025	1	06/11/2019 21:42
Dibenzofuran	ND		0.25	1	06/11/2019 21:42
Di-n-butyl Phthalate	**0.0033**	B	0.0025	1	06/11/2019 21:42
1,2-Dichlorobenzene	ND		0.25	1	06/11/2019 21:42
1,3-Dichlorobenzene	ND		0.25	1	06/11/2019 21:42
1,4-Dichlorobenzene	ND		0.25	1	06/11/2019 21:42
3,3-Dichlorobenzidine	ND		0.0025	1	06/11/2019 21:42
2,4-Dichlorophenol	ND		0.013	1	06/11/2019 21:42
Diethyl Phthalate	ND		0.0050	1	06/11/2019 21:42
2,4-Dimethylphenol	ND		0.25	1	06/11/2019 21:42
Dimethyl Phthalate	ND		0.0025	1	06/11/2019 21:42
4,6-Dinitro-2-methylphenol	ND		1.2	1	06/11/2019 21:42

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Analytical Report

Client: Farallon Consulting
Date Received: 6/4/19 16:15
Date Prepared: 6/6/19
Project: 1363-006; Brisbane Quarry

WorkOrder: 1906109
Extraction Method: SW3550B/3640A
Analytical Method: SW8270C
Unit: mg/Kg

Semi-Volatile Organics (Low Level) with GPC Cleanup

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
S-2	1906109-002A	Soil	06/04/2019 10:15	GC21 06111927.D	179144

Analytes	Result	Qualifiers	RL	DF	Date Analyzed
2,4-Dinitrophenol	ND		0.13	1	06/11/2019 21:42
2,4-Dinitrotoluene	ND		0.0063	1	06/11/2019 21:42
2,6-Dinitrotoluene	ND		0.0025	1	06/11/2019 21:42
Di-n-octyl Phthalate	ND		0.0050	1	06/11/2019 21:42
1,2-Diphenylhydrazine	ND		0.25	1	06/11/2019 21:42
Fluoranthene	**0.012**		0.0013	1	06/11/2019 21:42
Fluorene	ND		0.0025	1	06/11/2019 21:42
Hexachlorobenzene	ND		0.0013	1	06/11/2019 21:42
Hexachlorobutadiene	ND		0.0025	1	06/11/2019 21:42
Hexachlorocyclopentadiene	ND		2.0	1	06/11/2019 21:42
Hexachloroethane	ND		0.0025	1	06/11/2019 21:42
Indeno (1,2,3-cd) pyrene	**0.0051**		0.0025	1	06/11/2019 21:42
Isophorone	ND		0.25	1	06/11/2019 21:42
2-Methylnaphthalene	ND		0.0025	1	06/11/2019 21:42
2-Methylphenol (o-Cresol)	ND		0.50	1	06/11/2019 21:42
3 & 4-Methylphenol (m,p-Cresol)	ND		0.25	1	06/11/2019 21:42
Naphthalene	ND		0.0013	1	06/11/2019 21:42
2-Nitroaniline	ND		1.2	1	06/11/2019 21:42
3-Nitroaniline	ND		1.2	1	06/11/2019 21:42
4-Nitroaniline	ND		1.2	1	06/11/2019 21:42
Nitrobenzene	ND		0.25	1	06/11/2019 21:42
2-Nitrophenol	ND		1.2	1	06/11/2019 21:42
4-Nitrophenol	ND		1.2	1	06/11/2019 21:42
N-Nitrosodiphenylamine	ND		0.25	1	06/11/2019 21:42
N-Nitrosodi-n-propylamine	ND		0.25	1	06/11/2019 21:42
Pentachlorophenol	ND		0.031	1	06/11/2019 21:42
Phenanthrene	**0.0073**		0.0050	1	06/11/2019 21:42
Phenol	ND		0.0050	1	06/11/2019 21:42
Pyrene	**0.012**		0.0025	1	06/11/2019 21:42
Pyridine	ND		0.25	1	06/11/2019 21:42
1,2,4-Trichlorobenzene	ND		0.25	1	06/11/2019 21:42
2,4,5-Trichlorophenol	ND		0.0025	1	06/11/2019 21:42
2,4,6-Trichlorophenol	ND		0.013	1	06/11/2019 21:42

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Analytical Report

Client:	Farallon Consulting	**WorkOrder:**	1906109
Date Received:	6/4/19 16:15	**Extraction Method:**	SW3550B/3640A
Date Prepared:	6/6/19	**Analytical Method:**	SW8270C
Project:	1363-006; Brisbane Quarry	**Unit:**	mg/Kg

Semi-Volatile Organics (Low Level) with GPC Cleanup

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
S-2	**1906109-002A**	**Soil**	**06/04/2019 10:15**	**GC21 06111927.D**	**179144**

Analytes	Result	Qualifiers	RL	DF	Date Analyzed
Surrogates	**REC (%)**		**Limits**		
2-Fluorophenol	94		30-167		06/11/2019 21:42
Phenol-d5	89		58-149		06/11/2019 21:42
Nitrobenzene-d5	100		54-137		06/11/2019 21:42
2-Fluorobiphenyl	78		59-113		06/11/2019 21:42
2,4,6-Tribromophenol	41		21-171		06/11/2019 21:42
4-Terphenyl-d14	104		65-126		06/11/2019 21:42

Analyst(s): REB

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Analytical Report

Client:	Farallon Consulting	**WorkOrder:**	1906109
Date Received:	6/4/19 16:15	**Extraction Method:**	SW3550B/3640A
Date Prepared:	6/6/19	**Analytical Method:**	SW8270C
Project:	1363-006; Brisbane Quarry	**Unit:**	mg/Kg

Semi-Volatile Organics (Low Level) with GPC Cleanup

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
S-3	1906109-003A	Soil	06/04/2019 10:20	GC21 06111928.D	179144

Analytes	Result	RL	DF	Date Analyzed
Acenaphthene	**0.012**	0.0026	2	06/11/2019 22:10
Acenaphthylene	**0.0075**	0.0026	2	06/11/2019 22:10
Acetochlor	ND	0.50	2	06/11/2019 22:10
Anthracene	**0.039**	0.0026	2	06/11/2019 22:10
Benzidine	ND	2.5	2	06/11/2019 22:10
Benzo (a) anthracene	**0.31**	0.010	2	06/11/2019 22:10
Benzo (a) pyrene	**0.49**	0.0050	2	06/11/2019 22:10
Benzo (b) fluoranthene	**0.33**	0.0026	2	06/11/2019 22:10
Benzo (g,h,i) perylene	**0.41**	0.0050	2	06/11/2019 22:10
Benzo (k) fluoranthene	**0.17**	0.0026	2	06/11/2019 22:10
Benzyl Alcohol	ND	2.5	2	06/11/2019 22:10
1,1-Biphenyl	ND	0.026	2	06/11/2019 22:10
Bis (2-chloroethoxy) Methane	ND	0.50	2	06/11/2019 22:10
Bis (2-chloroethyl) Ether	ND	0.0050	2	06/11/2019 22:10
Bis (2-chloroisopropyl) Ether	ND	0.0050	2	06/11/2019 22:10
Bis (2-ethylhexyl) Adipate	ND	1.0	2	06/11/2019 22:10
Bis (2-ethylhexyl) Phthalate	**0.029**	0.010	2	06/11/2019 22:10
4-Bromophenyl Phenyl Ether	ND	0.50	2	06/11/2019 22:10
Butylbenzyl Phthalate	ND	0.050	2	06/11/2019 22:10
4-Chloroaniline	ND	0.0050	2	06/11/2019 22:10
4-Chloro-3-methylphenol	ND	0.50	2	06/11/2019 22:10
2-Chloronaphthalene	ND	0.50	2	06/11/2019 22:10
2-Chlorophenol	ND	0.010	2	06/11/2019 22:10
4-Chlorophenyl Phenyl Ether	ND	0.50	2	06/11/2019 22:10
Chrysene	**0.38**	0.0050	2	06/11/2019 22:10
Dibenzo (a,h) anthracene	**0.078**	0.0050	2	06/11/2019 22:10
Dibenzofuran	ND	0.50	2	06/11/2019 22:10
Di-n-butyl Phthalate	ND	0.0050	2	06/11/2019 22:10
1,2-Dichlorobenzene	ND	0.50	2	06/11/2019 22:10
1,3-Dichlorobenzene	ND	0.50	2	06/11/2019 22:10
1,4-Dichlorobenzene	ND	0.50	2	06/11/2019 22:10
3,3-Dichlorobenzidine	ND	0.0050	2	06/11/2019 22:10
2,4-Dichlorophenol	ND	0.026	2	06/11/2019 22:10
Diethyl Phthalate	ND	0.010	2	06/11/2019 22:10
2,4-Dimethylphenol	ND	0.50	2	06/11/2019 22:10
Dimethyl Phthalate	ND	0.0050	2	06/11/2019 22:10
4,6-Dinitro-2-methylphenol	ND	2.5	2	06/11/2019 22:10

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Analytical Report

Client:	Farallon Consulting	**WorkOrder:**	1906109
Date Received:	6/4/19 16:15	**Extraction Method:**	SW3550B/3640A
Date Prepared:	6/6/19	**Analytical Method:**	SW8270C
Project:	1363-006; Brisbane Quarry	**Unit:**	mg/Kg

Semi-Volatile Organics (Low Level) with GPC Cleanup

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
S-3	1906109-003A	Soil	06/04/2019 10:20	GC21 06111928.D	179144

Analytes	Result	RL	DF	Date Analyzed
2,4-Dinitrophenol	ND	0.26	2	06/11/2019 22:10
2,4-Dinitrotoluene	ND	0.013	2	06/11/2019 22:10
2,6-Dinitrotoluene	ND	0.0050	2	06/11/2019 22:10
Di-n-octyl Phthalate	ND	0.010	2	06/11/2019 22:10
1,2-Diphenylhydrazine	ND	0.50	2	06/11/2019 22:10
Fluoranthene	**0.73**	0.0026	2	06/11/2019 22:10
Fluorene	**0.012**	0.0050	2	06/11/2019 22:10
Hexachlorobenzene	ND	0.0026	2	06/11/2019 22:10
Hexachlorobutadiene	ND	0.0050	2	06/11/2019 22:10
Hexachlorocyclopentadiene	ND	4.0	2	06/11/2019 22:10
Hexachloroethane	ND	0.0050	2	06/11/2019 22:10
Indeno (1,2,3-cd) pyrene	**0.33**	0.0050	2	06/11/2019 22:10
Isophorone	ND	0.50	2	06/11/2019 22:10
2-Methylnaphthalene	ND	0.0050	2	06/11/2019 22:10
2-Methylphenol (o-Cresol)	ND	1.0	2	06/11/2019 22:10
3 & 4-Methylphenol (m,p-Cresol)	ND	0.50	2	06/11/2019 22:10
Naphthalene	**0.0049**	0.0026	2	06/11/2019 22:10
2-Nitroaniline	ND	2.5	2	06/11/2019 22:10
3-Nitroaniline	ND	2.5	2	06/11/2019 22:10
4-Nitroaniline	ND	2.5	2	06/11/2019 22:10
Nitrobenzene	ND	0.50	2	06/11/2019 22:10
2-Nitrophenol	ND	2.5	2	06/11/2019 22:10
4-Nitrophenol	ND	2.5	2	06/11/2019 22:10
N-Nitrosodiphenylamine	ND	0.50	2	06/11/2019 22:10
N-Nitrosodi-n-propylamine	ND	0.50	2	06/11/2019 22:10
Pentachlorophenol	ND	0.063	2	06/11/2019 22:10
Phenanthrene	**0.29**	0.010	2	06/11/2019 22:10
Phenol	ND	0.010	2	06/11/2019 22:10
Pyrene	**0.62**	0.0050	2	06/11/2019 22:10
Pyridine	ND	0.50	2	06/11/2019 22:10
1,2,4-Trichlorobenzene	ND	0.50	2	06/11/2019 22:10
2,4,5-Trichlorophenol	ND	0.0050	2	06/11/2019 22:10
2,4,6-Trichlorophenol	ND	0.026	2	06/11/2019 22:10

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http://www.mccampbell.com / E-mail: main@mccampbell.com

Analytical Report

Client:	Farallon Consulting	**WorkOrder:**	1906109
Date Received:	6/4/19 16:15	**Extraction Method:**	SW3550B/3640A
Date Prepared:	6/6/19	**Analytical Method:**	SW8270C
Project:	1363-006; Brisbane Quarry	**Unit:**	mg/Kg

Semi-Volatile Organics (Low Level) with GPC Cleanup

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
S-3	**1906109-003A**	**Soil**	**06/04/2019 10:20**	**GC21 06111928.D**	**179144**

Analytes	Result	RL	DF	Date Analyzed
Surrogates	**REC (%)**	**Limits**		
2-Fluorophenol	97	30-167		06/11/2019 22:10
Phenol-d5	93	58-149		06/11/2019 22:10
Nitrobenzene-d5	103	54-137		06/11/2019 22:10
2-Fluorobiphenyl	99	59-113		06/11/2019 22:10
2,4,6-Tribromophenol	66	21-171		06/11/2019 22:10
4-Terphenyl-d14	115	65-126		06/11/2019 22:10

Analyst(s): REB

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http://www.mccampbell.com / E-mail: main@mccampbell.com

Analytical Report

Client:	Farallon Consulting	**WorkOrder:**	1906109
Date Received:	6/4/19 16:15	**Extraction Method:**	SW3550B/3640A
Date Prepared:	6/6/19	**Analytical Method:**	SW8270C
Project:	1363-006; Brisbane Quarry	**Unit:**	mg/Kg

Semi-Volatile Organics (Low Level) with GPC Cleanup

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
S-4	1906109-004A	Soil	06/04/2019 10:25	GC17 06121912.D	179144

Analytes	Result	Qualifiers	RL	DF	Date Analyzed
Acenaphthene	**0.0014**		0.0013	1	06/12/2019 14:21
Acenaphthylene	**0.0023**		0.0013	1	06/12/2019 14:21
Acetochlor	ND		0.25	1	06/12/2019 14:21
Anthracene	**0.0040**		0.0013	1	06/12/2019 14:21
Benzidine	ND		1.2	1	06/12/2019 14:21
Benzo (a) anthracene	**0.015**		0.0050	1	06/12/2019 14:21
Benzo (a) pyrene	**0.016**		0.0025	1	06/12/2019 14:21
Benzo (b) fluoranthene	**0.0089**		0.0013	1	06/12/2019 14:21
Benzo (g,h,i) perylene	**0.014**		0.0025	1	06/12/2019 14:21
Benzo (k) fluoranthene	**0.0060**		0.0013	1	06/12/2019 14:21
Benzyl Alcohol	ND		1.2	1	06/12/2019 14:21
1,1-Biphenyl	ND		0.013	1	06/12/2019 14:21
Bis (2-chloroethoxy) Methane	ND		0.25	1	06/12/2019 14:21
Bis (2-chloroethyl) Ether	ND		0.0025	1	06/12/2019 14:21
Bis (2-chloroisopropyl) Ether	ND		0.0025	1	06/12/2019 14:21
Bis (2-ethylhexyl) Adipate	ND		0.50	1	06/12/2019 14:21
Bis (2-ethylhexyl) Phthalate	**0.0081**		0.0050	1	06/12/2019 14:21
4-Bromophenyl Phenyl Ether	ND		0.25	1	06/12/2019 14:21
Butylbenzyl Phthalate	ND		0.025	1	06/12/2019 14:21
4-Chloroaniline	ND		0.0025	1	06/12/2019 14:21
4-Chloro-3-methylphenol	ND		0.25	1	06/12/2019 14:21
2-Chloronaphthalene	ND		0.25	1	06/12/2019 14:21
2-Chlorophenol	ND		0.0050	1	06/12/2019 14:21
4-Chlorophenyl Phenyl Ether	ND		0.25	1	06/12/2019 14:21
Chrysene	**0.015**		0.0025	1	06/12/2019 14:21
Dibenzo (a,h) anthracene	**0.0042**		0.0025	1	06/12/2019 14:21
Dibenzofuran	ND		0.25	1	06/12/2019 14:21
Di-n-butyl Phthalate	**0.0083**	B	0.0025	1	06/12/2019 14:21
1,2-Dichlorobenzene	ND		0.25	1	06/12/2019 14:21
1,3-Dichlorobenzene	ND		0.25	1	06/12/2019 14:21
1,4-Dichlorobenzene	ND		0.25	1	06/12/2019 14:21
3,3-Dichlorobenzidine	ND		0.0025	1	06/12/2019 14:21
2,4-Dichlorophenol	ND		0.013	1	06/12/2019 14:21
Diethyl Phthalate	ND		0.0050	1	06/12/2019 14:21
2,4-Dimethylphenol	ND		0.25	1	06/12/2019 14:21
Dimethyl Phthalate	ND		0.0025	1	06/12/2019 14:21
4,6-Dinitro-2-methylphenol	ND		1.2	1	06/12/2019 14:21

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Analytical Report

Client:	Farallon Consulting	**WorkOrder:**	1906109
Date Received:	6/4/19 16:15	**Extraction Method:**	SW3550B/3640A
Date Prepared:	6/6/19	**Analytical Method:**	SW8270C
Project:	1363-006; Brisbane Quarry	**Unit:**	mg/Kg

Semi-Volatile Organics (Low Level) with GPC Cleanup

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
S-4	1906109-004A	Soil	06/04/2019 10:25	GC17 06121912.D	179144

Analytes	Result	Qualifiers	RL	DF	Date Analyzed
2,4-Dinitrophenol	ND		0.13	1	06/12/2019 14:21
2,4-Dinitrotoluene	ND		0.0063	1	06/12/2019 14:21
2,6-Dinitrotoluene	ND		0.0025	1	06/12/2019 14:21
Di-n-octyl Phthalate	ND		0.0050	1	06/12/2019 14:21
1,2-Diphenylhydrazine	ND		0.25	1	06/12/2019 14:21
Fluoranthene	**0.032**		0.0013	1	06/12/2019 14:21
Fluorene	ND		0.0025	1	06/12/2019 14:21
Hexachlorobenzene	ND		0.0013	1	06/12/2019 14:21
Hexachlorobutadiene	ND		0.0025	1	06/12/2019 14:21
Hexachlorocyclopentadiene	ND		2.0	1	06/12/2019 14:21
Hexachloroethane	ND		0.0025	1	06/12/2019 14:21
Indeno (1,2,3-cd) pyrene	**0.0098**		0.0025	1	06/12/2019 14:21
Isophorone	ND		0.25	1	06/12/2019 14:21
2-Methylnaphthalene	ND		0.0025	1	06/12/2019 14:21
2-Methylphenol (o-Cresol)	ND		0.50	1	06/12/2019 14:21
3 & 4-Methylphenol (m,p-Cresol)	ND		0.25	1	06/12/2019 14:21
Naphthalene	ND		0.0013	1	06/12/2019 14:21
2-Nitroaniline	ND		1.2	1	06/12/2019 14:21
3-Nitroaniline	ND		1.2	1	06/12/2019 14:21
4-Nitroaniline	ND		1.2	1	06/12/2019 14:21
Nitrobenzene	ND		0.25	1	06/12/2019 14:21
2-Nitrophenol	ND		1.2	1	06/12/2019 14:21
4-Nitrophenol	ND		1.2	1	06/12/2019 14:21
N-Nitrosodiphenylamine	ND		0.25	1	06/12/2019 14:21
N-Nitrosodi-n-propylamine	ND		0.25	1	06/12/2019 14:21
Pentachlorophenol	ND		0.031	1	06/12/2019 14:21
Phenanthrene	**0.017**		0.0050	1	06/12/2019 14:21
Phenol	ND		0.0050	1	06/12/2019 14:21
Pyrene	**0.020**		0.0025	1	06/12/2019 14:21
Pyridine	ND		0.25	1	06/12/2019 14:21
1,2,4-Trichlorobenzene	ND		0.25	1	06/12/2019 14:21
2,4,5-Trichlorophenol	ND		0.0025	1	06/12/2019 14:21
2,4,6-Trichlorophenol	ND		0.013	1	06/12/2019 14:21

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Analytical Report

Client:	Farallon Consulting	**WorkOrder:**	1906109
Date Received:	6/4/19 16:15	**Extraction Method:**	SW3550B/3640A
Date Prepared:	6/6/19	**Analytical Method:**	SW8270C
Project:	1363-006; Brisbane Quarry	**Unit:**	mg/Kg

Semi-Volatile Organics (Low Level) with GPC Cleanup

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
S-4	**1906109-004A**	**Soil**	**06/04/2019 10:25**	**GC17 06121912.D**	**179144**

Analytes	Result	Qualifiers	RL	DF	Date Analyzed
Surrogates	**REC (%)**		**Limits**		
2-Fluorophenol	94		30-167		06/12/2019 14:21
Phenol-d5	74		58-149		06/12/2019 14:21
Nitrobenzene-d5	110		54-137		06/12/2019 14:21
2-Fluorobiphenyl	65		59-113		06/12/2019 14:21
2,4,6-Tribromophenol	121		21-171		06/12/2019 14:21
4-Terphenyl-d14	81		65-126		06/12/2019 14:21

Analyst(s): REB

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Analytical Report

Client:	Farallon Consulting	**WorkOrder:**	1906109
Date Received:	6/4/19 16:15	**Extraction Method:**	SW3550B/3640A
Date Prepared:	6/6/19	**Analytical Method:**	SW8270C
Project:	1363-006; Brisbane Quarry	**Unit:**	mg/Kg

Semi-Volatile Organics (Low Level) with GPC Cleanup

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
S-5	1906109-005A	Soil	06/04/2019 10:30	GC17 06121913.D	179144

Analytes	Result	Qualifiers	RL	DF	Date Analyzed
Acenaphthene	ND		0.0026	2	06/12/2019 14:49
Acenaphthylene	ND		0.0026	2	06/12/2019 14:49
Acetochlor	ND		0.50	2	06/12/2019 14:49
Anthracene	ND		0.0026	2	06/12/2019 14:49
Benzidine	ND		2.5	2	06/12/2019 14:49
Benzo (a) anthracene	**0.019**		0.010	2	06/12/2019 14:49
Benzo (a) pyrene	**0.011**		0.0050	2	06/12/2019 14:49
Benzo (b) fluoranthene	**0.0075**		0.0026	2	06/12/2019 14:49
Benzo (g,h,i) perylene	**0.015**		0.0050	2	06/12/2019 14:49
Benzo (k) fluoranthene	**0.0038**		0.0026	2	06/12/2019 14:49
Benzyl Alcohol	ND		2.5	2	06/12/2019 14:49
1,1-Biphenyl	ND		0.026	2	06/12/2019 14:49
Bis (2-chloroethoxy) Methane	ND		0.50	2	06/12/2019 14:49
Bis (2-chloroethyl) Ether	ND		0.0050	2	06/12/2019 14:49
Bis (2-chloroisopropyl) Ether	ND		0.0050	2	06/12/2019 14:49
Bis (2-ethylhexyl) Adipate	ND		1.0	2	06/12/2019 14:49
Bis (2-ethylhexyl) Phthalate	**0.021**		0.010	2	06/12/2019 14:49
4-Bromophenyl Phenyl Ether	ND		0.50	2	06/12/2019 14:49
Butylbenzyl Phthalate	ND		0.050	2	06/12/2019 14:49
4-Chloroaniline	ND		0.0050	2	06/12/2019 14:49
4-Chloro-3-methylphenol	ND		0.50	2	06/12/2019 14:49
2-Chloronaphthalene	ND		0.50	2	06/12/2019 14:49
2-Chlorophenol	ND		0.010	2	06/12/2019 14:49
4-Chlorophenyl Phenyl Ether	ND		0.50	2	06/12/2019 14:49
Chrysene	**0.012**		0.0050	2	06/12/2019 14:49
Dibenzo (a,h) anthracene	**0.0074**		0.0050	2	06/12/2019 14:49
Dibenzofuran	ND		0.50	2	06/12/2019 14:49
Di-n-butyl Phthalate	**0.016**	B	0.0050	2	06/12/2019 14:49
1,2-Dichlorobenzene	ND		0.50	2	06/12/2019 14:49
1,3-Dichlorobenzene	ND		0.50	2	06/12/2019 14:49
1,4-Dichlorobenzene	ND		0.50	2	06/12/2019 14:49
3,3-Dichlorobenzidine	ND		0.0050	2	06/12/2019 14:49
2,4-Dichlorophenol	ND		0.026	2	06/12/2019 14:49
Diethyl Phthalate	ND		0.010	2	06/12/2019 14:49
2,4-Dimethylphenol	ND		0.50	2	06/12/2019 14:49
Dimethyl Phthalate	ND		0.0050	2	06/12/2019 14:49
4,6-Dinitro-2-methylphenol	ND		2.5	2	06/12/2019 14:49

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Analytical Report

Client: Farallon Consulting
Date Received: 6/4/19 16:15
Date Prepared: 6/6/19
Project: 1363-006; Brisbane Quarry

WorkOrder: 1906109
Extraction Method: SW3550B/3640A
Analytical Method: SW8270C
Unit: mg/Kg

Semi-Volatile Organics (Low Level) with GPC Cleanup

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
S-5	1906109-005A	Soil	06/04/2019 10:30	GC17 06121913.D	179144

Analytes	Result	Qualifiers	RL	DF	Date Analyzed
2,4-Dinitrophenol	ND		0.26	2	06/12/2019 14:49
2,4-Dinitrotoluene	ND		0.013	2	06/12/2019 14:49
2,6-Dinitrotoluene	ND		0.0050	2	06/12/2019 14:49
Di-n-octyl Phthalate	ND		0.010	2	06/12/2019 14:49
1,2-Diphenylhydrazine	ND		0.50	2	06/12/2019 14:49
Fluoranthene	**0.012**		0.0026	2	06/12/2019 14:49
Fluorene	ND		0.0050	2	06/12/2019 14:49
Hexachlorobenzene	ND		0.0026	2	06/12/2019 14:49
Hexachlorobutadiene	ND		0.0050	2	06/12/2019 14:49
Hexachlorocyclopentadiene	ND		4.0	2	06/12/2019 14:49
Hexachloroethane	ND		0.0050	2	06/12/2019 14:49
Indeno (1,2,3-cd) pyrene	**0.0090**		0.0050	2	06/12/2019 14:49
Isophorone	ND		0.50	2	06/12/2019 14:49
2-Methylnaphthalene	**0.0067**		0.0050	2	06/12/2019 14:49
2-Methylphenol (o-Cresol)	ND		1.0	2	06/12/2019 14:49
3 & 4-Methylphenol (m,p-Cresol)	ND		0.50	2	06/12/2019 14:49
Naphthalene	ND		0.0026	2	06/12/2019 14:49
2-Nitroaniline	ND		2.5	2	06/12/2019 14:49
3-Nitroaniline	ND		2.5	2	06/12/2019 14:49
4-Nitroaniline	ND		2.5	2	06/12/2019 14:49
Nitrobenzene	ND		0.50	2	06/12/2019 14:49
2-Nitrophenol	ND		2.5	2	06/12/2019 14:49
4-Nitrophenol	ND		2.5	2	06/12/2019 14:49
N-Nitrosodiphenylamine	ND		0.50	2	06/12/2019 14:49
N-Nitrosodi-n-propylamine	ND		0.50	2	06/12/2019 14:49
Pentachlorophenol	ND		0.063	2	06/12/2019 14:49
Phenanthrene	**0.018**		0.010	2	06/12/2019 14:49
Phenol	ND		0.010	2	06/12/2019 14:49
Pyrene	**0.0097**		0.0050	2	06/12/2019 14:49
Pyridine	ND		0.50	2	06/12/2019 14:49
1,2,4-Trichlorobenzene	ND		0.50	2	06/12/2019 14:49
2,4,5-Trichlorophenol	ND		0.0050	2	06/12/2019 14:49
2,4,6-Trichlorophenol	ND		0.026	2	06/12/2019 14:49

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Analytical Report

Client:	Farallon Consulting	**WorkOrder:**	1906109
Date Received:	6/4/19 16:15	**Extraction Method:**	SW3550B/3640A
Date Prepared:	6/6/19	**Analytical Method:**	SW8270C
Project:	1363-006; Brisbane Quarry	**Unit:**	mg/Kg

Semi-Volatile Organics (Low Level) with GPC Cleanup

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
S-5	**1906109-005A**	**Soil**	**06/04/2019 10:30**	**GC17 06121913.D**	**179144**

Analytes	Result	Qualifiers	RL	DF	Date Analyzed
Surrogates	**REC (%)**		**Limits**		
2-Fluorophenol	102		30-167		06/12/2019 14:49
Phenol-d5	82		58-149		06/12/2019 14:49
Nitrobenzene-d5	98		54-137		06/12/2019 14:49
2-Fluorobiphenyl	78		59-113		06/12/2019 14:49
2,4,6-Tribromophenol	114		21-171		06/12/2019 14:49
4-Terphenyl-d14	83		65-126		06/12/2019 14:49

Analyst(s): REB

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Analytical Report

Client:	Farallon Consulting	**WorkOrder:**	1906109
Date Received:	6/4/19 16:15	**Extraction Method:**	SW3550B/3640A
Date Prepared:	6/6/19	**Analytical Method:**	SW8270C
Project:	1363-006; Brisbane Quarry	**Unit:**	mg/Kg

Semi-Volatile Organics (Low Level) with GPC Cleanup

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
S-6	1906109-006A	Soil	06/04/2019 10:35	GC21 06131914.D	179144

Analytes	Result	Qualifiers	RL	DF	Date Analyzed
Acenaphthene	ND		0.0013	1	06/13/2019 15:20
Acenaphthylene	ND		0.0013	1	06/13/2019 15:20
Acetochlor	ND		0.25	1	06/13/2019 15:20
Anthracene	ND		0.0013	1	06/13/2019 15:20
Benzidine	ND		1.2	1	06/13/2019 15:20
Benzo (a) anthracene	**0.0060**		0.0050	1	06/13/2019 15:20
Benzo (a) pyrene	**0.0033**		0.0025	1	06/13/2019 15:20
Benzo (b) fluoranthene	**0.0030**		0.0013	1	06/13/2019 15:20
Benzo (g,h,i) perylene	**0.0061**		0.0025	1	06/13/2019 15:20
Benzo (k) fluoranthene	**0.0019**		0.0013	1	06/13/2019 15:20
Benzyl Alcohol	ND		1.2	1	06/13/2019 15:20
1,1-Biphenyl	ND		0.013	1	06/13/2019 15:20
Bis (2-chloroethoxy) Methane	ND		0.25	1	06/13/2019 15:20
Bis (2-chloroethyl) Ether	ND		0.0025	1	06/13/2019 15:20
Bis (2-chloroisopropyl) Ether	ND		0.0025	1	06/13/2019 15:20
Bis (2-ethylhexyl) Adipate	ND		0.50	1	06/13/2019 15:20
Bis (2-ethylhexyl) Phthalate	**0.013**		0.0050	1	06/13/2019 15:20
4-Bromophenyl Phenyl Ether	ND		0.25	1	06/13/2019 15:20
Butylbenzyl Phthalate	ND		0.025	1	06/13/2019 15:20
4-Chloroaniline	ND		0.0025	1	06/13/2019 15:20
4-Chloro-3-methylphenol	ND		0.25	1	06/13/2019 15:20
2-Chloronaphthalene	ND		0.25	1	06/13/2019 15:20
2-Chlorophenol	ND		0.0050	1	06/13/2019 15:20
4-Chlorophenyl Phenyl Ether	ND		0.25	1	06/13/2019 15:20
Chrysene	**0.0032**		0.0025	1	06/13/2019 15:20
Dibenzo (a,h) anthracene	ND		0.0025	1	06/13/2019 15:20
Dibenzofuran	ND		0.25	1	06/13/2019 15:20
Di-n-butyl Phthalate	**0.0035**	B	0.0025	1	06/13/2019 15:20
1,2-Dichlorobenzene	ND		0.25	1	06/13/2019 15:20
1,3-Dichlorobenzene	ND		0.25	1	06/13/2019 15:20
1,4-Dichlorobenzene	ND		0.25	1	06/13/2019 15:20
3,3-Dichlorobenzidine	ND		0.0025	1	06/13/2019 15:20
2,4-Dichlorophenol	ND		0.013	1	06/13/2019 15:20
Diethyl Phthalate	ND		0.0050	1	06/13/2019 15:20
2,4-Dimethylphenol	ND		0.25	1	06/13/2019 15:20
Dimethyl Phthalate	ND		0.0025	1	06/13/2019 15:20
4,6-Dinitro-2-methylphenol	ND		1.2	1	06/13/2019 15:20

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Analytical Report

Client:	Farallon Consulting	**WorkOrder:**	1906109
Date Received:	6/4/19 16:15	**Extraction Method:**	SW3550B/3640A
Date Prepared:	6/6/19	**Analytical Method:**	SW8270C
Project:	1363-006; Brisbane Quarry	**Unit:**	mg/Kg

Semi-Volatile Organics (Low Level) with GPC Cleanup

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
S-6	1906109-006A	Soil	06/04/2019 10:35	GC21 06131914.D	179144

Analytes	Result	Qualifiers	RL	DF	Date Analyzed
2,4-Dinitrophenol	ND		0.13	1	06/13/2019 15:20
2,4-Dinitrotoluene	ND		0.0063	1	06/13/2019 15:20
2,6-Dinitrotoluene	ND		0.0025	1	06/13/2019 15:20
Di-n-octyl Phthalate	ND		0.0050	1	06/13/2019 15:20
1,2-Diphenylhydrazine	ND		0.25	1	06/13/2019 15:20
Fluoranthene	**0.0042**		0.0013	1	06/13/2019 15:20
Fluorene	ND		0.0025	1	06/13/2019 15:20
Hexachlorobenzene	ND		0.0013	1	06/13/2019 15:20
Hexachlorobutadiene	ND		0.0025	1	06/13/2019 15:20
Hexachlorocyclopentadiene	ND		2.0	1	06/13/2019 15:20
Hexachloroethane	ND		0.0025	1	06/13/2019 15:20
Indeno (1,2,3-cd) pyrene	**0.0029**		0.0025	1	06/13/2019 15:20
Isophorone	ND		0.25	1	06/13/2019 15:20
2-Methylnaphthalene	**0.0034**		0.0025	1	06/13/2019 15:20
2-Methylphenol (o-Cresol)	ND		0.50	1	06/13/2019 15:20
3 & 4-Methylphenol (m,p-Cresol)	ND		0.25	1	06/13/2019 15:20
Naphthalene	ND		0.0013	1	06/13/2019 15:20
2-Nitroaniline	ND		1.2	1	06/13/2019 15:20
3-Nitroaniline	ND		1.2	1	06/13/2019 15:20
4-Nitroaniline	ND		1.2	1	06/13/2019 15:20
Nitrobenzene	ND		0.25	1	06/13/2019 15:20
2-Nitrophenol	ND		1.2	1	06/13/2019 15:20
4-Nitrophenol	ND		1.2	1	06/13/2019 15:20
N-Nitrosodiphenylamine	ND		0.25	1	06/13/2019 15:20
N-Nitrosodi-n-propylamine	ND		0.25	1	06/13/2019 15:20
Pentachlorophenol	ND		0.031	1	06/13/2019 15:20
Phenanthrene	ND		0.0050	1	06/13/2019 15:20
Phenol	ND		0.0050	1	06/13/2019 15:20
Pyrene	**0.0054**		0.0025	1	06/13/2019 15:20
Pyridine	ND		0.25	1	06/13/2019 15:20
1,2,4-Trichlorobenzene	ND		0.25	1	06/13/2019 15:20
2,4,5-Trichlorophenol	ND		0.0025	1	06/13/2019 15:20
2,4,6-Trichlorophenol	ND		0.013	1	06/13/2019 15:20

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Analytical Report

Client:	Farallon Consulting	**WorkOrder:**	1906109
Date Received:	6/4/19 16:15	**Extraction Method:**	SW3550B/3640A
Date Prepared:	6/6/19	**Analytical Method:**	SW8270C
Project:	1363-006; Brisbane Quarry	**Unit:**	mg/Kg

Semi-Volatile Organics (Low Level) with GPC Cleanup

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
S-6	**1906109-006A**	**Soil**	**06/04/2019 10:35**	**GC21 06131914.D**	**179144**

Analytes	Result	Qualifiers	RL	DF	Date Analyzed
Surrogates	**REC (%)**		**Limits**		
2-Fluorophenol	108		30-167		06/13/2019 15:20
Phenol-d5	86		58-149		06/13/2019 15:20
Nitrobenzene-d5	106		54-137		06/13/2019 15:20
2-Fluorobiphenyl	86		59-113		06/13/2019 15:20
2,4,6-Tribromophenol	98		21-171		06/13/2019 15:20
4-Terphenyl-d14	114		65-126		06/13/2019 15:20

Analyst(s): REB

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Analytical Report

Client:	Farallon Consulting	**WorkOrder:**	1906109
Date Received:	6/4/19 16:15	**Extraction Method:**	SW3550B/3640A
Date Prepared:	6/6/19	**Analytical Method:**	SW8270C
Project:	1363-006; Brisbane Quarry	**Unit:**	mg/Kg

Semi-Volatile Organics (Low Level) with GPC Cleanup

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
S-7	1906109-007A	Soil	06/04/2019 10:40	GC21 06171912.D	179144

Analytes	Result	Qualifiers	RL	DF	Date Analyzed
Acenaphthene	ND		0.0013	1	06/17/2019 14:47
Acenaphthylene	ND		0.0013	1	06/17/2019 14:47
Acetochlor	ND		0.25	1	06/17/2019 14:47
Anthracene	ND		0.0013	1	06/17/2019 14:47
Benzidine	ND		1.2	1	06/17/2019 14:47
Benzo (a) anthracene	ND		0.0050	1	06/17/2019 14:47
Benzo (a) pyrene	ND		0.0025	1	06/17/2019 14:47
Benzo (b) fluoranthene	**0.0021**		0.0013	1	06/17/2019 14:47
Benzo (g,h,i) perylene	**0.0049**		0.0025	1	06/17/2019 14:47
Benzo (k) fluoranthene	**0.0021**		0.0013	1	06/17/2019 14:47
Benzyl Alcohol	ND		1.2	1	06/17/2019 14:47
1,1-Biphenyl	ND		0.013	1	06/17/2019 14:47
Bis (2-chloroethoxy) Methane	ND		0.25	1	06/17/2019 14:47
Bis (2-chloroethyl) Ether	ND		0.0025	1	06/17/2019 14:47
Bis (2-chloroisopropyl) Ether	ND		0.0025	1	06/17/2019 14:47
Bis (2-ethylhexyl) Adipate	ND		0.50	1	06/17/2019 14:47
Bis (2-ethylhexyl) Phthalate	**0.010**		0.0050	1	06/17/2019 14:47
4-Bromophenyl Phenyl Ether	ND		0.25	1	06/17/2019 14:47
Butylbenzyl Phthalate	ND		0.025	1	06/17/2019 14:47
4-Chloroaniline	ND		0.0025	1	06/17/2019 14:47
4-Chloro-3-methylphenol	ND		0.25	1	06/17/2019 14:47
2-Chloronaphthalene	ND		0.25	1	06/17/2019 14:47
2-Chlorophenol	ND		0.0050	1	06/17/2019 14:47
4-Chlorophenyl Phenyl Ether	ND		0.25	1	06/17/2019 14:47
Chrysene	**0.0026**		0.0025	1	06/17/2019 14:47
Dibenzo (a,h) anthracene	ND		0.0025	1	06/17/2019 14:47
Dibenzofuran	ND		0.25	1	06/17/2019 14:47
Di-n-butyl Phthalate	**0.0038**	B	0.0025	1	06/17/2019 14:47
1,2-Dichlorobenzene	ND		0.25	1	06/17/2019 14:47
1,3-Dichlorobenzene	ND		0.25	1	06/17/2019 14:47
1,4-Dichlorobenzene	ND		0.25	1	06/17/2019 14:47
3,3-Dichlorobenzidine	ND		0.0025	1	06/17/2019 14:47
2,4-Dichlorophenol	ND		0.013	1	06/17/2019 14:47
Diethyl Phthalate	ND		0.0050	1	06/17/2019 14:47
2,4-Dimethylphenol	ND		0.25	1	06/17/2019 14:47
Dimethyl Phthalate	ND		0.0025	1	06/17/2019 14:47
4,6-Dinitro-2-methylphenol	ND		1.2	1	06/17/2019 14:47

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Analytical Report

Client:	Farallon Consulting	**WorkOrder:**	1906109
Date Received:	6/4/19 16:15	**Extraction Method:**	SW3550B/3640A
Date Prepared:	6/6/19	**Analytical Method:**	SW8270C
Project:	1363-006; Brisbane Quarry	**Unit:**	mg/Kg

Semi-Volatile Organics (Low Level) with GPC Cleanup

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
S-7	1906109-007A	Soil	06/04/2019 10:40	GC21 06171912.D	179144

Analytes	Result	Qualifiers	RL	DF	Date Analyzed
2,4-Dinitrophenol	ND		0.13	1	06/17/2019 14:47
2,4-Dinitrotoluene	ND		0.0063	1	06/17/2019 14:47
2,6-Dinitrotoluene	ND		0.0025	1	06/17/2019 14:47
Di-n-octyl Phthalate	ND		0.0050	1	06/17/2019 14:47
1,2-Diphenylhydrazine	ND		0.25	1	06/17/2019 14:47
Fluoranthene	**0.0034**		0.0013	1	06/17/2019 14:47
Fluorene	ND		0.0025	1	06/17/2019 14:47
Hexachlorobenzene	ND		0.0013	1	06/17/2019 14:47
Hexachlorobutadiene	ND		0.0025	1	06/17/2019 14:47
Hexachlorocyclopentadiene	ND		2.0	1	06/17/2019 14:47
Hexachloroethane	ND		0.0025	1	06/17/2019 14:47
Indeno (1,2,3-cd) pyrene	ND		0.0025	1	06/17/2019 14:47
Isophorone	ND		0.25	1	06/17/2019 14:47
2-Methylnaphthalene	ND		0.0025	1	06/17/2019 14:47
2-Methylphenol (o-Cresol)	ND		0.50	1	06/17/2019 14:47
3 & 4-Methylphenol (m,p-Cresol)	ND		0.25	1	06/17/2019 14:47
Naphthalene	ND		0.0013	1	06/17/2019 14:47
2-Nitroaniline	ND		1.2	1	06/17/2019 14:47
3-Nitroaniline	ND		1.2	1	06/17/2019 14:47
4-Nitroaniline	ND		1.2	1	06/17/2019 14:47
Nitrobenzene	ND		0.25	1	06/17/2019 14:47
2-Nitrophenol	ND		1.2	1	06/17/2019 14:47
4-Nitrophenol	ND		1.2	1	06/17/2019 14:47
N-Nitrosodiphenylamine	ND		0.25	1	06/17/2019 14:47
N-Nitrosodi-n-propylamine	ND		0.25	1	06/17/2019 14:47
Pentachlorophenol	ND		0.031	1	06/17/2019 14:47
Phenanthrene	ND		0.0050	1	06/17/2019 14:47
Phenol	ND		0.0050	1	06/17/2019 14:47
Pyrene	**0.0041**		0.0025	1	06/17/2019 14:47
Pyridine	ND		0.25	1	06/17/2019 14:47
1,2,4-Trichlorobenzene	ND		0.25	1	06/17/2019 14:47
2,4,5-Trichlorophenol	ND		0.0025	1	06/17/2019 14:47
2,4,6-Trichlorophenol	ND		0.013	1	06/17/2019 14:47

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Analytical Report

Client:	Farallon Consulting	**WorkOrder:**	1906109
Date Received:	6/4/19 16:15	**Extraction Method:**	SW3550B/3640A
Date Prepared:	6/6/19	**Analytical Method:**	SW8270C
Project:	1363-006; Brisbane Quarry	**Unit:**	mg/Kg

Semi-Volatile Organics (Low Level) with GPC Cleanup

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
S-7	**1906109-007A**	**Soil**	**06/04/2019 10:40**	**GC21 06171912.D**	**179144**

Analytes	Result	Qualifiers	RL	DF	Date Analyzed
Surrogates	**REC (%)**		**Limits**		
2-Fluorophenol	98		30-167		06/17/2019 14:47
Phenol-d5	86		58-149		06/17/2019 14:47
Nitrobenzene-d5	85		54-137		06/17/2019 14:47
2-Fluorobiphenyl	91		59-113		06/17/2019 14:47
2,4,6-Tribromophenol	82		21-171		06/17/2019 14:47
4-Terphenyl-d14	119		65-126		06/17/2019 14:47

Analyst(s): REB

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Analytical Report

Client:	Farallon Consulting	**WorkOrder:**	1906109
Date Received:	6/4/19 16:15	**Extraction Method:**	SW3550B/3640A
Date Prepared:	6/6/19	**Analytical Method:**	SW8270C
Project:	1363-006; Brisbane Quarry	**Unit:**	mg/Kg

Semi-Volatile Organics (Low Level) with GPC Cleanup

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
S-8	1906109-008A	Soil	06/04/2019 10:45	GC17 06121908.D	179144

Analytes	Result	Qualifiers	RL	DF	Date Analyzed
Acenaphthene	ND		0.0013	1	06/12/2019 12:26
Acenaphthylene	ND		0.0013	1	06/12/2019 12:26
Acetochlor	ND		0.25	1	06/12/2019 12:26
Anthracene	ND		0.0013	1	06/12/2019 12:26
Benzidine	ND		1.2	1	06/12/2019 12:26
Benzo (a) anthracene	**0.0078**		0.0050	1	06/12/2019 12:26
Benzo (a) pyrene	**0.0042**		0.0025	1	06/12/2019 12:26
Benzo (b) fluoranthene	**0.0026**		0.0013	1	06/12/2019 12:26
Benzo (g,h,i) perylene	**0.0066**		0.0025	1	06/12/2019 12:26
Benzo (k) fluoranthene	**0.0025**		0.0013	1	06/12/2019 12:26
Benzyl Alcohol	ND		1.2	1	06/12/2019 12:26
1,1-Biphenyl	ND		0.013	1	06/12/2019 12:26
Bis (2-chloroethoxy) Methane	ND		0.25	1	06/12/2019 12:26
Bis (2-chloroethyl) Ether	ND		0.0025	1	06/12/2019 12:26
Bis (2-chloroisopropyl) Ether	ND		0.0025	1	06/12/2019 12:26
Bis (2-ethylhexyl) Adipate	ND		0.50	1	06/12/2019 12:26
Bis (2-ethylhexyl) Phthalate	**0.016**		0.0050	1	06/12/2019 12:26
4-Bromophenyl Phenyl Ether	ND		0.25	1	06/12/2019 12:26
Butylbenzyl Phthalate	ND		0.025	1	06/12/2019 12:26
4-Chloroaniline	ND		0.0025	1	06/12/2019 12:26
4-Chloro-3-methylphenol	ND		0.25	1	06/12/2019 12:26
2-Chloronaphthalene	ND		0.25	1	06/12/2019 12:26
2-Chlorophenol	ND		0.0050	1	06/12/2019 12:26
4-Chlorophenyl Phenyl Ether	ND		0.25	1	06/12/2019 12:26
Chrysene	**0.0032**		0.0025	1	06/12/2019 12:26
Dibenzo (a,h) anthracene	**0.0027**		0.0025	1	06/12/2019 12:26
Dibenzofuran	ND		0.25	1	06/12/2019 12:26
Di-n-butyl Phthalate	**0.0077**	B	0.0025	1	06/12/2019 12:26
1,2-Dichlorobenzene	ND		0.25	1	06/12/2019 12:26
1,3-Dichlorobenzene	ND		0.25	1	06/12/2019 12:26
1,4-Dichlorobenzene	ND		0.25	1	06/12/2019 12:26
3,3-Dichlorobenzidine	ND		0.0025	1	06/12/2019 12:26
2,4-Dichlorophenol	ND		0.013	1	06/12/2019 12:26
Diethyl Phthalate	ND		0.0050	1	06/12/2019 12:26
2,4-Dimethylphenol	ND		0.25	1	06/12/2019 12:26
Dimethyl Phthalate	ND		0.0025	1	06/12/2019 12:26
4,6-Dinitro-2-methylphenol	ND		1.2	1	06/12/2019 12:26

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Analytical Report

Client: Farallon Consulting
Date Received: 6/4/19 16:15
Date Prepared: 6/6/19
Project: 1363-006; Brisbane Quarry

WorkOrder: 1906109
Extraction Method: SW3550B/3640A
Analytical Method: SW8270C
Unit: mg/Kg

Semi-Volatile Organics (Low Level) with GPC Cleanup

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
S-8	1906109-008A	Soil	06/04/2019 10:45	GC17 06121908.D	179144

Analytes	Result	Qualifiers	RL	DF	Date Analyzed
2,4-Dinitrophenol	ND		0.13	1	06/12/2019 12:26
2,4-Dinitrotoluene	ND		0.0063	1	06/12/2019 12:26
2,6-Dinitrotoluene	ND		0.0025	1	06/12/2019 12:26
Di-n-octyl Phthalate	ND		0.0050	1	06/12/2019 12:26
1,2-Diphenylhydrazine	ND		0.25	1	06/12/2019 12:26
Fluoranthene	**0.0060**		0.0013	1	06/12/2019 12:26
Fluorene	ND		0.0025	1	06/12/2019 12:26
Hexachlorobenzene	ND		0.0013	1	06/12/2019 12:26
Hexachlorobutadiene	ND		0.0025	1	06/12/2019 12:26
Hexachlorocyclopentadiene	ND		2.0	1	06/12/2019 12:26
Hexachloroethane	ND		0.0025	1	06/12/2019 12:26
Indeno (1,2,3-cd) pyrene	**0.0039**		0.0025	1	06/12/2019 12:26
Isophorone	ND		0.25	1	06/12/2019 12:26
2-Methylnaphthalene	ND		0.0025	1	06/12/2019 12:26
2-Methylphenol (o-Cresol)	ND		0.50	1	06/12/2019 12:26
3 & 4-Methylphenol (m,p-Cresol)	ND		0.25	1	06/12/2019 12:26
Naphthalene	ND		0.0013	1	06/12/2019 12:26
2-Nitroaniline	ND		1.2	1	06/12/2019 12:26
3-Nitroaniline	ND		1.2	1	06/12/2019 12:26
4-Nitroaniline	ND		1.2	1	06/12/2019 12:26
Nitrobenzene	ND		0.25	1	06/12/2019 12:26
2-Nitrophenol	ND		1.2	1	06/12/2019 12:26
4-Nitrophenol	ND		1.2	1	06/12/2019 12:26
N-Nitrosodiphenylamine	ND		0.25	1	06/12/2019 12:26
N-Nitrosodi-n-propylamine	ND		0.25	1	06/12/2019 12:26
Pentachlorophenol	ND		0.031	1	06/12/2019 12:26
Phenanthrene	ND		0.0050	1	06/12/2019 12:26
Phenol	**0.0054**		0.0050	1	06/12/2019 12:26
Pyrene	**0.0044**		0.0025	1	06/12/2019 12:26
Pyridine	ND		0.25	1	06/12/2019 12:26
1,2,4-Trichlorobenzene	ND		0.25	1	06/12/2019 12:26
2,4,5-Trichlorophenol	ND		0.0025	1	06/12/2019 12:26
2,4,6-Trichlorophenol	ND		0.013	1	06/12/2019 12:26

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Analytical Report

Client:	Farallon Consulting	**WorkOrder:**	1906109
Date Received:	6/4/19 16:15	**Extraction Method:**	SW3550B/3640A
Date Prepared:	6/6/19	**Analytical Method:**	SW8270C
Project:	1363-006; Brisbane Quarry	**Unit:**	mg/Kg

Semi-Volatile Organics (Low Level) with GPC Cleanup

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
S-8	**1906109-008A**	**Soil**	**06/04/2019 10:45**	**GC17 06121908.D**	**179144**

Analytes	Result	Qualifiers	RL	DF	Date Analyzed
Surrogates	**REC (%)**		**Limits**		
2-Fluorophenol	89		30-167		06/12/2019 12:26
Phenol-d5	77		58-149		06/12/2019 12:26
Nitrobenzene-d5	84		54-137		06/12/2019 12:26
2-Fluorobiphenyl	72		59-113		06/12/2019 12:26
2,4,6-Tribromophenol	87		21-171		06/12/2019 12:26
4-Terphenyl-d14	74		65-126		06/12/2019 12:26

Analyst(s): REB

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Analytical Report

Client:	Farallon Consulting	**WorkOrder:**	1906109
Date Received:	6/4/19 16:15	**Extraction Method:**	SW3550B/3640A
Date Prepared:	6/6/19	**Analytical Method:**	SW8270C
Project:	1363-006; Brisbane Quarry	**Unit:**	mg/Kg

Semi-Volatile Organics (Low Level) with GPC Cleanup

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
S-9	1906109-009A	Soil	06/04/2019 10:50	GC17 06121906.D	179144

Analytes	Result	RL	DF	Date Analyzed
Acenaphthene	**0.024**	0.013	10	06/12/2019 11:28
Acenaphthylene	**0.020**	0.013	10	06/12/2019 11:28
Acetochlor	ND	2.5	10	06/12/2019 11:28
Anthracene	**0.048**	0.013	10	06/12/2019 11:28
Benzidine	ND	12	10	06/12/2019 11:28
Benzo (a) anthracene	**0.20**	0.050	10	06/12/2019 11:28
Benzo (a) pyrene	**0.19**	0.025	10	06/12/2019 11:28
Benzo (b) fluoranthene	**0.13**	0.013	10	06/12/2019 11:28
Benzo (g,h,i) perylene	**0.17**	0.025	10	06/12/2019 11:28
Benzo (k) fluoranthene	**0.15**	0.013	10	06/12/2019 11:28
Benzyl Alcohol	ND	12	10	06/12/2019 11:28
1,1-Biphenyl	ND	0.13	10	06/12/2019 11:28
Bis (2-chloroethoxy) Methane	ND	2.5	10	06/12/2019 11:28
Bis (2-chloroethyl) Ether	ND	0.025	10	06/12/2019 11:28
Bis (2-chloroisopropyl) Ether	ND	0.025	10	06/12/2019 11:28
Bis (2-ethylhexyl) Adipate	ND	5.0	10	06/12/2019 11:28
Bis (2-ethylhexyl) Phthalate	ND	0.050	10	06/12/2019 11:28
4-Bromophenyl Phenyl Ether	ND	2.5	10	06/12/2019 11:28
Butylbenzyl Phthalate	ND	0.25	10	06/12/2019 11:28
4-Chloroaniline	ND	0.025	10	06/12/2019 11:28
4-Chloro-3-methylphenol	ND	2.5	10	06/12/2019 11:28
2-Chloronaphthalene	ND	2.5	10	06/12/2019 11:28
2-Chlorophenol	ND	0.050	10	06/12/2019 11:28
4-Chlorophenyl Phenyl Ether	ND	2.5	10	06/12/2019 11:28
Chrysene	**0.27**	0.025	10	06/12/2019 11:28
Dibenzo (a,h) anthracene	**0.038**	0.025	10	06/12/2019 11:28
Dibenzofuran	ND	2.5	10	06/12/2019 11:28
Di-n-butyl Phthalate	**0.055**	0.025	10	06/12/2019 11:28
1,2-Dichlorobenzene	ND	2.5	10	06/12/2019 11:28
1,3-Dichlorobenzene	ND	2.5	10	06/12/2019 11:28
1,4-Dichlorobenzene	ND	2.5	10	06/12/2019 11:28
3,3-Dichlorobenzidine	ND	0.025	10	06/12/2019 11:28
2,4-Dichlorophenol	ND	0.13	10	06/12/2019 11:28
Diethyl Phthalate	ND	0.050	10	06/12/2019 11:28
2,4-Dimethylphenol	ND	2.5	10	06/12/2019 11:28
Dimethyl Phthalate	ND	0.025	10	06/12/2019 11:28
4,6-Dinitro-2-methylphenol	ND	12	10	06/12/2019 11:28

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Analytical Report

Client:	Farallon Consulting	**WorkOrder:**	1906109
Date Received:	6/4/19 16:15	**Extraction Method:**	SW3550B/3640A
Date Prepared:	6/6/19	**Analytical Method:**	SW8270C
Project:	1363-006; Brisbane Quarry	**Unit:**	mg/Kg

Semi-Volatile Organics (Low Level) with GPC Cleanup

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
S-9	1906109-009A	Soil	06/04/2019 10:50	GC17 06121906.D	179144

Analytes	Result	RL	DF	Date Analyzed
2,4-Dinitrophenol	ND	1.3	10	06/12/2019 11:28
2,4-Dinitrotoluene	ND	0.063	10	06/12/2019 11:28
2,6-Dinitrotoluene	ND	0.025	10	06/12/2019 11:28
Di-n-octyl Phthalate	ND	0.050	10	06/12/2019 11:28
1,2-Diphenylhydrazine	ND	2.5	10	06/12/2019 11:28
Fluoranthene	**0.55**	0.013	10	06/12/2019 11:28
Fluorene	ND	0.025	10	06/12/2019 11:28
Hexachlorobenzene	ND	0.013	10	06/12/2019 11:28
Hexachlorobutadiene	ND	0.025	10	06/12/2019 11:28
Hexachlorocyclopentadiene	ND	20	10	06/12/2019 11:28
Hexachloroethane	ND	0.025	10	06/12/2019 11:28
Indeno (1,2,3-cd) pyrene	**0.13**	0.025	10	06/12/2019 11:28
Isophorone	ND	2.5	10	06/12/2019 11:28
2-Methylnaphthalene	ND	0.025	10	06/12/2019 11:28
2-Methylphenol (o-Cresol)	ND	5.0	10	06/12/2019 11:28
3 & 4-Methylphenol (m,p-Cresol)	ND	2.5	10	06/12/2019 11:28
Naphthalene	ND	0.013	10	06/12/2019 11:28
2-Nitroaniline	ND	12	10	06/12/2019 11:28
3-Nitroaniline	ND	12	10	06/12/2019 11:28
4-Nitroaniline	ND	12	10	06/12/2019 11:28
Nitrobenzene	ND	2.5	10	06/12/2019 11:28
2-Nitrophenol	ND	12	10	06/12/2019 11:28
4-Nitrophenol	ND	12	10	06/12/2019 11:28
N-Nitrosodiphenylamine	ND	2.5	10	06/12/2019 11:28
N-Nitrosodi-n-propylamine	ND	2.5	10	06/12/2019 11:28
Pentachlorophenol	ND	0.31	10	06/12/2019 11:28
Phenanthrene	**0.39**	0.050	10	06/12/2019 11:28
Phenol	ND	0.050	10	06/12/2019 11:28
Pyrene	**0.39**	0.025	10	06/12/2019 11:28
Pyridine	ND	2.5	10	06/12/2019 11:28
1,2,4-Trichlorobenzene	ND	2.5	10	06/12/2019 11:28
2,4,5-Trichlorophenol	ND	0.025	10	06/12/2019 11:28
2,4,6-Trichlorophenol	ND	0.13	10	06/12/2019 11:28

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Analytical Report

Client:	Farallon Consulting	**WorkOrder:**	1906109
Date Received:	6/4/19 16:15	**Extraction Method:**	SW3550B/3640A
Date Prepared:	6/6/19	**Analytical Method:**	SW8270C
Project:	1363-006; Brisbane Quarry	**Unit:**	mg/Kg

Semi-Volatile Organics (Low Level) with GPC Cleanup

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
S-9	**1906109-009A**	**Soil**	**06/04/2019 10:50**	**GC17 06121906.D**	**179144**

Analytes	Result	RL	DF	Date Analyzed
Surrogates	**REC (%)**	**Limits**		
2-Fluorophenol	80	30-167		06/12/2019 11:28
Phenol-d5	58	58-149		06/12/2019 11:28
Nitrobenzene-d5	92	54-137		06/12/2019 11:28
2-Fluorobiphenyl	98	59-113		06/12/2019 11:28
2,4,6-Tribromophenol	100	21-171		06/12/2019 11:28
4-Terphenyl-d14	89	65-126		06/12/2019 11:28

Analyst(s): REB

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Analytical Report

Client:	Farallon Consulting	**WorkOrder:**	1906109
Date Received:	6/4/19 16:15	**Extraction Method:**	SW3050B
Date Prepared:	6/4/19-6/7/19	**Analytical Method:**	SW6020
Project:	1363-006; Brisbane Quarry	**Unit:**	mg/Kg

CAM / CCR 17 Metals

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
S-1	1906109-001A	Soil	06/04/2019 10:10	ICP-MS3 118SMPL.D	179002

Analytes	Result	RL	DF	Date Analyzed
Antimony	ND	0.50	1	06/06/2019 00:55
Arsenic	**5.5**	0.50	1	06/06/2019 00:55
Barium	**260**	5.0	1	06/06/2019 00:55
Beryllium	ND	0.50	1	06/06/2019 00:55
Cadmium	**0.27**	0.25	1	06/06/2019 00:55
Chromium	**76**	0.50	1	06/06/2019 00:55
Cobalt	**14**	0.50	1	06/06/2019 00:55
Copper	**27**	0.50	1	06/06/2019 00:55
Lead	**8.5**	0.50	1	06/06/2019 00:55
Mercury	ND	0.050	1	06/06/2019 00:55
Molybdenum	**1.2**	0.50	1	06/06/2019 00:55
Nickel	**82**	0.50	1	06/06/2019 00:55
Selenium	**0.55**	0.50	1	06/06/2019 00:55
Silver	ND	0.50	1	06/06/2019 00:55
Thallium	ND	0.50	1	06/06/2019 00:55
Vanadium	**70**	0.50	1	06/06/2019 00:55
Zinc	**61**	5.0	1	06/06/2019 00:55

Surrogates	REC (%)	Limits	
Terbium	94	70-130	06/06/2019 00:55

Analyst(s): JC

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Analytical Report

Client:	Farallon Consulting	**WorkOrder:**	1906109
Date Received:	6/4/19 16:15	**Extraction Method:**	SW3050B
Date Prepared:	6/4/19-6/7/19	**Analytical Method:**	SW6020
Project:	1363-006; Brisbane Quarry	**Unit:**	mg/Kg

CAM / CCR 17 Metals

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
S-2	**1906109-002A**	**Soil**	**06/04/2019 10:15**	**ICP-MS3 119SMPL.D**	**179002**

Analytes	Result	RL	DF	Date Analyzed
Antimony	ND	0.50	1	06/06/2019 01:01
Arsenic	**3.9**	0.50	1	06/06/2019 01:01
Barium	**110**	5.0	1	06/06/2019 01:01
Beryllium	ND	0.50	1	06/06/2019 01:01
Cadmium	ND	0.25	1	06/06/2019 01:01
Chromium	**58**	0.50	1	06/06/2019 01:01
Cobalt	**7.3**	0.50	1	06/06/2019 01:01
Copper	**14**	0.50	1	06/06/2019 01:01
Lead	**5.7**	0.50	1	06/06/2019 01:01
Mercury	ND	0.050	1	06/06/2019 01:01
Molybdenum	**0.68**	0.50	1	06/06/2019 01:01
Nickel	**39**	0.50	1	06/06/2019 01:01
Selenium	ND	0.50	1	06/06/2019 01:01
Silver	ND	0.50	1	06/06/2019 01:01
Thallium	ND	0.50	1	06/06/2019 01:01
Vanadium	**57**	0.50	1	06/06/2019 01:01
Zinc	**43**	5.0	1	06/06/2019 01:01

Surrogates	REC (%)	Limits	
Terbium	92	70-130	06/06/2019 01:01

Analyst(s): JC

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Analytical Report

Client:	Farallon Consulting	**WorkOrder:**	1906109
Date Received:	6/4/19 16:15	**Extraction Method:**	SW3050B
Date Prepared:	6/4/19-6/7/19	**Analytical Method:**	SW6020
Project:	1363-006; Brisbane Quarry	**Unit:**	mg/Kg

CAM / CCR 17 Metals

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
S-3	1906109-003A	Soil	06/04/2019 10:20	ICP-MS3 120SMPL.D	179002

Analytes	Result	RL	DF	Date Analyzed
Antimony	ND	0.50	1	06/06/2019 01:07
Arsenic	**4.9**	0.50	1	06/06/2019 01:07
Barium	**180**	5.0	1	06/06/2019 01:07
Beryllium	ND	0.50	1	06/06/2019 01:07
Cadmium	**0.32**	0.25	1	06/06/2019 01:07
Chromium	**52**	0.50	1	06/06/2019 01:07
Cobalt	**8.1**	0.50	1	06/06/2019 01:07
Copper	**20**	0.50	1	06/06/2019 01:07
Lead	**7.3**	0.50	1	06/06/2019 01:07
Mercury	ND	0.050	1	06/06/2019 01:07
Molybdenum	**1.1**	0.50	1	06/06/2019 01:07
Nickel	**47**	0.50	1	06/06/2019 01:07
Selenium	**0.56**	0.50	1	06/06/2019 01:07
Silver	ND	0.50	1	06/06/2019 01:07
Thallium	ND	0.50	1	06/06/2019 01:07
Vanadium	**58**	0.50	1	06/06/2019 01:07
Zinc	**54**	5.0	1	06/06/2019 01:07

Surrogates	REC (%)	Limits	
Terbium	89	70-130	06/06/2019 01:07

Analyst(s): JC

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Analytical Report

Client:	Farallon Consulting	**WorkOrder:**	1906109
Date Received:	6/4/19 16:15	**Extraction Method:**	SW3050B
Date Prepared:	6/4/19-6/7/19	**Analytical Method:**	SW6020
Project:	1363-006; Brisbane Quarry	**Unit:**	mg/Kg

CAM / CCR 17 Metals

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
S-4	**1906109-004A**	**Soil**	**06/04/2019 10:25**	**ICP-MS3 121SMPL.D**	**179002**

Analytes	Result	RL	DF	Date Analyzed
Antimony	ND	0.50	1	06/06/2019 01:13
Arsenic	**3.2**	0.50	1	06/06/2019 01:13
Barium	**34**	5.0	1	06/06/2019 01:13
Beryllium	ND	0.50	1	06/06/2019 01:13
Cadmium	ND	0.25	1	06/06/2019 01:13
Chromium	**63**	0.50	1	06/06/2019 01:13
Cobalt	**6.5**	0.50	1	06/06/2019 01:13
Copper	**7.6**	0.50	1	06/06/2019 01:13
Lead	**3.4**	0.50	1	06/06/2019 01:13
Mercury	ND	0.050	1	06/06/2019 01:13
Molybdenum	ND	0.50	1	06/06/2019 01:13
Nickel	**30**	0.50	1	06/06/2019 01:13
Selenium	**0.58**	0.50	1	06/06/2019 01:13
Silver	ND	0.50	1	06/06/2019 01:13
Thallium	ND	0.50	1	06/06/2019 01:13
Vanadium	**63**	0.50	1	06/06/2019 01:13
Zinc	**28**	5.0	1	06/06/2019 01:13

Surrogates	REC (%)	Limits	
Terbium	94	70-130	06/06/2019 01:13

Analyst(s): JC

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Analytical Report

Client:	Farallon Consulting	**WorkOrder:**	1906109
Date Received:	6/4/19 16:15	**Extraction Method:**	SW3050B
Date Prepared:	6/4/19-6/7/19	**Analytical Method:**	SW6020
Project:	1363-006; Brisbane Quarry	**Unit:**	mg/Kg

CAM / CCR 17 Metals

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
S-5	1906109-005A	Soil	06/04/2019 10:30	ICP-MS1 035SMPL.D	179002

Analytes	Result	RL	DF	Date Analyzed
Antimony	ND	0.50	1	06/06/2019 20:30
Arsenic	**4.0**	0.50	1	06/06/2019 20:30
Barium	**110**	5.0	1	06/06/2019 20:30
Beryllium	ND	0.50	1	06/06/2019 20:30
Cadmium	ND	0.25	1	06/06/2019 20:30
Chromium	**54**	0.50	1	06/06/2019 20:30
Cobalt	**9.7**	0.50	1	06/06/2019 20:30
Copper	**19**	0.50	1	06/06/2019 20:30
Lead	**7.6**	0.50	1	06/06/2019 20:30
Mercury	**0.49**	0.050	1	06/06/2019 20:30
Molybdenum	ND	0.50	1	06/06/2019 20:30
Nickel	**53**	0.50	1	06/06/2019 20:30
Selenium	ND	0.50	1	06/06/2019 20:30
Silver	ND	0.50	1	06/06/2019 20:30
Thallium	ND	0.50	1	06/06/2019 20:30
Vanadium	**50**	0.50	1	06/06/2019 20:30
Zinc	**43**	5.0	1	06/06/2019 20:30

Surrogates	REC (%)	Limits	
Terbium	96	70-130	06/06/2019 20:30

Analyst(s): ND

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Analytical Report

Client:	Farallon Consulting	**WorkOrder:**	1906109
Date Received:	6/4/19 16:15	**Extraction Method:**	SW3050B
Date Prepared:	6/4/19-6/7/19	**Analytical Method:**	SW6020
Project:	1363-006; Brisbane Quarry	**Unit:**	mg/Kg

CAM / CCR 17 Metals

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
S-6	1906109-006A	Soil	06/04/2019 10:35	ICP-MS1 036SMPL.D	179002

Analytes	Result	RL	DF	Date Analyzed
Antimony	ND	0.50	1	06/06/2019 20:36
Arsenic	**4.3**	0.50	1	06/06/2019 20:36
Barium	**85**	5.0	1	06/06/2019 20:36
Beryllium	ND	0.50	1	06/06/2019 20:36
Cadmium	ND	0.25	1	06/06/2019 20:36
Chromium	**75**	0.50	1	06/06/2019 20:36
Cobalt	**10**	0.50	1	06/06/2019 20:36
Copper	**15**	0.50	1	06/06/2019 20:36
Lead	**6.2**	0.50	1	06/06/2019 20:36
Mercury	ND	0.050	1	06/06/2019 20:36
Molybdenum	ND	0.50	1	06/06/2019 20:36
Nickel	**50**	0.50	1	06/06/2019 20:36
Selenium	ND	0.50	1	06/06/2019 20:36
Silver	ND	0.50	1	06/06/2019 20:36
Thallium	ND	0.50	1	06/06/2019 20:36
Vanadium	**57**	0.50	1	06/06/2019 20:36
Zinc	**38**	5.0	1	06/06/2019 20:36

Surrogates	REC (%)	Limits	
Terbium	97	70-130	06/06/2019 20:36

Analyst(s): ND

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Analytical Report

Client:	Farallon Consulting	**WorkOrder:**	1906109
Date Received:	6/4/19 16:15	**Extraction Method:**	SW3050B
Date Prepared:	6/4/19-6/7/19	**Analytical Method:**	SW6020
Project:	1363-006; Brisbane Quarry	**Unit:**	mg/Kg

CAM / CCR 17 Metals

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
S-7	**1906109-007A**	**Soil**	**06/04/2019 10:40**	**ICP-MS1 040SMPL.D**	**179002**

Analytes	Result	RL	DF	Date Analyzed
Antimony	ND	0.50	1	06/06/2019 21:01
Arsenic	**4.4**	0.50	1	06/06/2019 21:01
Barium	**40**	5.0	1	06/06/2019 21:01
Beryllium	ND	0.50	1	06/06/2019 21:01
Cadmium	ND	0.25	1	06/06/2019 21:01
Chromium	**60**	0.50	1	06/06/2019 21:01
Cobalt	**6.6**	0.50	1	06/06/2019 21:01
Copper	**13**	0.50	1	06/06/2019 21:01
Lead	**3.4**	0.50	1	06/06/2019 21:01
Mercury	ND	0.050	1	06/06/2019 21:01
Molybdenum	ND	0.50	1	06/06/2019 21:01
Nickel	**39**	0.50	1	06/06/2019 21:01
Selenium	ND	0.50	1	06/06/2019 21:01
Silver	ND	0.50	1	06/06/2019 21:01
Thallium	ND	0.50	1	06/06/2019 21:01
Vanadium	**55**	0.50	1	06/06/2019 21:01
Zinc	**37**	5.0	1	06/06/2019 21:01

Surrogates	REC (%)	Limits	
Terbium	96	70-130	06/06/2019 21:01

Analyst(s): ND

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Analytical Report

Client:	Farallon Consulting	**WorkOrder:**	1906109
Date Received:	6/4/19 16:15	**Extraction Method:**	SW3050B
Date Prepared:	6/4/19-6/7/19	**Analytical Method:**	SW6020
Project:	1363-006; Brisbane Quarry	**Unit:**	mg/Kg

CAM / CCR 17 Metals

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
S-8	**1906109-008A**	**Soil**	**06/04/2019 10:45**	**ICP-MS3 100SMPL.D**	**179184**

Analytes	Result	RL	DF	Date Analyzed
Antimony	ND	0.50	1	06/08/2019 07:03
Arsenic	**3.4**	0.50	1	06/08/2019 07:03
Barium	**79**	5.0	1	06/08/2019 07:03
Beryllium	ND	0.50	1	06/08/2019 07:03
Cadmium	ND	0.25	1	06/08/2019 07:03
Chromium	**68**	0.50	1	06/08/2019 07:03
Cobalt	**8.5**	0.50	1	06/08/2019 07:03
Copper	**12**	0.50	1	06/08/2019 07:03
Lead	**4.7**	0.50	1	06/08/2019 07:03
Mercury	ND	0.050	1	06/08/2019 07:03
Molybdenum	ND	0.50	1	06/08/2019 07:03
Nickel	**49**	0.50	1	06/08/2019 07:03
Selenium	ND	0.50	1	06/08/2019 07:03
Silver	ND	0.50	1	06/08/2019 07:03
Thallium	ND	0.50	1	06/08/2019 07:03
Vanadium	**54**	0.50	1	06/08/2019 07:03
Zinc	**32**	5.0	1	06/08/2019 07:03

Surrogates	REC (%)	Limits	
Terbium	101	70-130	06/08/2019 07:03

Analyst(s): ND

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Analytical Report

Client:	Farallon Consulting	**WorkOrder:**	1906109
Date Received:	6/4/19 16:15	**Extraction Method:**	SW3050B
Date Prepared:	6/4/19-6/7/19	**Analytical Method:**	SW6020
Project:	1363-006; Brisbane Quarry	**Unit:**	mg/Kg

CAM / CCR 17 Metals

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
S-9	**1906109-009A**	**Soil**	**06/04/2019 10:50**	**ICP-MS1 042SMPL.D**	**179002**

Analytes	Result	RL	DF	Date Analyzed
Antimony	ND	0.50	1	06/06/2019 21:13
Arsenic	**2.7**	0.50	1	06/06/2019 21:13
Barium	**63**	5.0	1	06/06/2019 21:13
Beryllium	ND	0.50	1	06/06/2019 21:13
Cadmium	ND	0.25	1	06/06/2019 21:13
Chromium	**68**	0.50	1	06/06/2019 21:13
Cobalt	**14**	0.50	1	06/06/2019 21:13
Copper	**39**	0.50	1	06/06/2019 21:13
Lead	**8.2**	0.50	1	06/06/2019 21:13
Mercury	ND	0.050	1	06/06/2019 21:13
Molybdenum	ND	0.50	1	06/06/2019 21:13
Nickel	**58**	0.50	1	06/06/2019 21:13
Selenium	ND	0.50	1	06/06/2019 21:13
Silver	ND	0.50	1	06/06/2019 21:13
Thallium	ND	0.50	1	06/06/2019 21:13
Vanadium	**69**	0.50	1	06/06/2019 21:13
Zinc	**62**	5.0	1	06/06/2019 21:13

Surrogates	REC (%)	Limits	
Terbium	94	70-130	06/06/2019 21:13

Analyst(s): ND

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Analytical Report

Client:	Farallon Consulting	**WorkOrder:**	1906109
Date Received:	6/4/19 16:15	**Extraction Method:**	CARB 435 Asbestos
Date Prepared:	6/4/19	**Analytical Method:**	435 CARB
Project:	1363-006; Brisbane Quarry	**Unit:**	%

Asbestos (CARB 435) 400 Point Count

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
S-1	1906109-001A	Soil	06/04/2019 10:10	Microscope	179203

Analytes	Result	RL	DF	Date Analyzed
Asbestos	ND	NA	1	06/05/2019 17:00

Analyst(s): DA Analytical Comments: k10

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
S-2	1906109-002A	Soil	06/04/2019 10:15	Microscope	179203

Analytes	Result	RL	DF	Date Analyzed
Asbestos	ND	NA	1	06/05/2019 17:15

Analyst(s): DA Analytical Comments: k10

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
S-3	1906109-003A	Soil	06/04/2019 10:20	Microscope	179203

Analytes	Result	RL	DF	Date Analyzed
Asbestos	ND	NA	1	06/05/2019 17:30

Analyst(s): DA Analytical Comments: k10

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
S-4	1906109-004A	Soil	06/04/2019 10:25	Microscope	179203

Analytes	Result	RL	DF	Date Analyzed
Asbestos	ND	NA	1	06/07/2019 12:35

Analyst(s): DA Analytical Comments: k10

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Analytical Report

Client:	Farallon Consulting	**WorkOrder:**	1906109
Date Received:	6/4/19 16:15	**Extraction Method:**	CARB 435 Asbestos
Date Prepared:	6/4/19	**Analytical Method:**	435 CARB
Project:	1363-006; Brisbane Quarry	**Unit:**	%

Asbestos (CARB 435) 400 Point Count

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
S-5	1906109-005A	Soil	06/04/2019 10:30	Microscope	179203

Analytes	Result	RL	DF	Date Analyzed
Asbestos	ND	NA	1	06/07/2019 12:55

Analyst(s): DA Analytical Comments: k10

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
S-6	1906109-006A	Soil	06/04/2019 10:35	Microscope	179203

Analytes	Result	RL	DF	Date Analyzed
Asbestos	ND	NA	1	06/07/2019 13:15

Analyst(s): DA Analytical Comments: k10

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
S-7	1906109-007A	Soil	06/04/2019 10:40	Microscope	179203

Analytes	Result	RL	DF	Date Analyzed
Asbestos	ND	NA	1	06/07/2019 13:35

Analyst(s): DA Analytical Comments: k10

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
S-8	1906109-008A	Soil	06/04/2019 10:45	Microscope	179203

Analytes	Result	RL	DF	Date Analyzed
Asbestos	ND	NA	1	06/07/2019 13:55

Analyst(s): DA Analytical Comments: k10

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Analytical Report

Client:	Farallon Consulting	**WorkOrder:**	1906109
Date Received:	6/4/19 16:15	**Extraction Method:**	CARB 435 Asbestos
Date Prepared:	6/4/19	**Analytical Method:**	435 CARB
Project:	1363-006; Brisbane Quarry	**Unit:**	%

Asbestos (CARB 435) 400 Point Count

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
S-9	**1906109-009A**	**Soil**	**06/04/2019 10:50**	**Microscope**	**179203**

Analytes	Result	RL	DF	Date Analyzed
Asbestos	ND	NA	1	06/07/2019 14:15

Analyst(s): DA

Analytical Comments: k10

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Analytical Report

Client:	Farallon Consulting	**WorkOrder:**	1906109
Date Received:	6/4/19 16:15	**Extraction Method:**	SW5035
Date Prepared:	6/4/19	**Analytical Method:**	SW8021B/8015Bm
Project:	1363-006; Brisbane Quarry	**Unit:**	mg/Kg

Gasoline Range (C6-C12) Volatile Hydrocarbons as Gasoline with BTEX and MTBE

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
S-1	1906109-001A	Soil	06/04/2019 10:10	GC7 06071905.D	179005

Analytes	Result	RL	DF	Date Analyzed
TPH(g) (C6-C12)	ND	1.0	1	06/07/2019 14:33
MTBE	ND	0.050	1	06/07/2019 14:33
Benzene	ND	0.0050	1	06/07/2019 14:33
Toluene	ND	0.0050	1	06/07/2019 14:33
Ethylbenzene	ND	0.0050	1	06/07/2019 14:33
m,p-Xylene	ND	0.010	1	06/07/2019 14:33
o-Xylene	ND	0.0050	1	06/07/2019 14:33
Xylenes	ND	0.0050	1	06/07/2019 14:33

Surrogates	REC (%)	Limits	
2-Fluorotoluene	69	62-126	06/07/2019 14:33

Analyst(s): IA

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
S-2	1906109-002A	Soil	06/04/2019 10:15	GC19 06061940.D	179005

Analytes	Result	RL	DF	Date Analyzed
TPH(g) (C6-C12)	ND	1.0	1	06/07/2019 09:45
MTBE	ND	0.050	1	06/07/2019 09:45
Benzene	ND	0.0050	1	06/07/2019 09:45
Toluene	ND	0.0050	1	06/07/2019 09:45
Ethylbenzene	ND	0.0050	1	06/07/2019 09:45
m,p-Xylene	ND	0.010	1	06/07/2019 09:45
o-Xylene	ND	0.0050	1	06/07/2019 09:45
Xylenes	ND	0.0050	1	06/07/2019 09:45

Surrogates	REC (%)	Limits	
2-Fluorotoluene	85	62-126	06/07/2019 09:45

Analyst(s): IA

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Analytical Report

Client:	Farallon Consulting	**WorkOrder:**	1906109
Date Received:	6/4/19 16:15	**Extraction Method:**	SW5035
Date Prepared:	6/4/19	**Analytical Method:**	SW8021B/8015Bm
Project:	1363-006; Brisbane Quarry	**Unit:**	mg/Kg

Gasoline Range (C6-C12) Volatile Hydrocarbons as Gasoline with BTEX and MTBE

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
S-3	1906109-003A	Soil	06/04/2019 10:20	GC7 06061936.D	179005

Analytes	Result	RL	DF	Date Analyzed
TPH(g) (C6-C12)	ND	1.0	1	06/07/2019 06:25
MTBE	ND	0.050	1	06/07/2019 06:25
Benzene	ND	0.0050	1	06/07/2019 06:25
Toluene	ND	0.0050	1	06/07/2019 06:25
Ethylbenzene	ND	0.0050	1	06/07/2019 06:25
m,p-Xylene	ND	0.010	1	06/07/2019 06:25
o-Xylene	ND	0.0050	1	06/07/2019 06:25
Xylenes	ND	0.0050	1	06/07/2019 06:25

Surrogates	REC (%)	Limits	
2-Fluorotoluene	69	62-126	06/07/2019 06:25

Analyst(s): IA

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
S-4	1906109-004A	Soil	06/04/2019 10:25	GC7 06061937.D	179005

Analytes	Result	RL	DF	Date Analyzed
TPH(g) (C6-C12)	ND	1.0	1	06/07/2019 06:55
MTBE	ND	0.050	1	06/07/2019 06:55
Benzene	ND	0.0050	1	06/07/2019 06:55
Toluene	ND	0.0050	1	06/07/2019 06:55
Ethylbenzene	ND	0.0050	1	06/07/2019 06:55
m,p-Xylene	ND	0.010	1	06/07/2019 06:55
o-Xylene	ND	0.0050	1	06/07/2019 06:55
Xylenes	ND	0.0050	1	06/07/2019 06:55

Surrogates	REC (%)	Limits	
2-Fluorotoluene	79	62-126	06/07/2019 06:55

Analyst(s): IA

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Analytical Report

Client:	Farallon Consulting	**WorkOrder:**	1906109
Date Received:	6/4/19 16:15	**Extraction Method:**	SW5035
Date Prepared:	6/4/19	**Analytical Method:**	SW8021B/8015Bm
Project:	1363-006; Brisbane Quarry	**Unit:**	mg/Kg

Gasoline Range (C6-C12) Volatile Hydrocarbons as Gasoline with BTEX and MTBE

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
S-5	1906109-005A	Soil	06/04/2019 10:30	GC7 06061938.D	179005

Analytes	Result	RL	DF	Date Analyzed
TPH(g) (C6-C12)	ND	1.0	1	06/07/2019 07:25
MTBE	ND	0.050	1	06/07/2019 07:25
Benzene	ND	0.0050	1	06/07/2019 07:25
Toluene	ND	0.0050	1	06/07/2019 07:25
Ethylbenzene	ND	0.0050	1	06/07/2019 07:25
m,p-Xylene	ND	0.010	1	06/07/2019 07:25
o-Xylene	ND	0.0050	1	06/07/2019 07:25
Xylenes	ND	0.0050	1	06/07/2019 07:25

Surrogates	REC (%)	Limits	
2-Fluorotoluene	77	62-126	06/07/2019 07:25

Analyst(s): IA

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
S-6	1906109-006A	Soil	06/04/2019 10:35	GC7 06061939.D	179005

Analytes	Result	RL	DF	Date Analyzed
TPH(g) (C6-C12)	ND	1.0	1	06/07/2019 07:54
MTBE	ND	0.050	1	06/07/2019 07:54
Benzene	ND	0.0050	1	06/07/2019 07:54
Toluene	ND	0.0050	1	06/07/2019 07:54
Ethylbenzene	ND	0.0050	1	06/07/2019 07:54
m,p-Xylene	ND	0.010	1	06/07/2019 07:54
o-Xylene	ND	0.0050	1	06/07/2019 07:54
Xylenes	ND	0.0050	1	06/07/2019 07:54

Surrogates	REC (%)	Limits	
2-Fluorotoluene	77	62-126	06/07/2019 07:54

Analyst(s): IA

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Analytical Report

Client:	Farallon Consulting	**WorkOrder:**	1906109
Date Received:	6/4/19 16:15	**Extraction Method:**	SW5035
Date Prepared:	6/4/19	**Analytical Method:**	SW8021B/8015Bm
Project:	1363-006; Brisbane Quarry	**Unit:**	mg/Kg

Gasoline Range (C6-C12) Volatile Hydrocarbons as Gasoline with BTEX and MTBE

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
S-7	1906109-007A	Soil	06/04/2019 10:40	GC7 06061940.D	179005

Analytes	Result	RL	DF	Date Analyzed
TPH(g) (C6-C12)	ND	1.0	1	06/07/2019 08:24
MTBE	ND	0.050	1	06/07/2019 08:24
Benzene	ND	0.0050	1	06/07/2019 08:24
Toluene	ND	0.0050	1	06/07/2019 08:24
Ethylbenzene	ND	0.0050	1	06/07/2019 08:24
m,p-Xylene	ND	0.010	1	06/07/2019 08:24
o-Xylene	ND	0.0050	1	06/07/2019 08:24
Xylenes	ND	0.0050	1	06/07/2019 08:24

Surrogates	REC (%)	Limits	
2-Fluorotoluene	71	62-126	06/07/2019 08:24

Analyst(s): IA

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
S-8	1906109-008A	Soil	06/04/2019 10:45	GC7 06061941.D	179005

Analytes	Result	RL	DF	Date Analyzed
TPH(g) (C6-C12)	ND	1.0	1	06/07/2019 08:54
MTBE	ND	0.050	1	06/07/2019 08:54
Benzene	ND	0.0050	1	06/07/2019 08:54
Toluene	ND	0.0050	1	06/07/2019 08:54
Ethylbenzene	ND	0.0050	1	06/07/2019 08:54
m,p-Xylene	ND	0.010	1	06/07/2019 08:54
o-Xylene	ND	0.0050	1	06/07/2019 08:54
Xylenes	ND	0.0050	1	06/07/2019 08:54

Surrogates	REC (%)	Limits	
2-Fluorotoluene	75	62-126	06/07/2019 08:54

Analyst(s): IA

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Analytical Report

Client:	Farallon Consulting	**WorkOrder:**	1906109
Date Received:	6/4/19 16:15	**Extraction Method:**	SW5035
Date Prepared:	6/4/19	**Analytical Method:**	SW8021B/8015Bm
Project:	1363-006; Brisbane Quarry	**Unit:**	mg/Kg

Gasoline Range (C6-C12) Volatile Hydrocarbons as Gasoline with BTEX and MTBE

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
S-9	**1906109-009A**	**Soil**	**06/04/2019 10:50**	**GC7 06061942.D**	**179005**

Analytes	Result	RL	DF	Date Analyzed
TPH(g) (C6-C12)	ND	1.0	1	06/07/2019 09:24
MTBE	ND	0.050	1	06/07/2019 09:24
Benzene	ND	0.0050	1	06/07/2019 09:24
Toluene	ND	0.0050	1	06/07/2019 09:24
Ethylbenzene	ND	0.0050	1	06/07/2019 09:24
m,p-Xylene	ND	0.010	1	06/07/2019 09:24
o-Xylene	ND	0.0050	1	06/07/2019 09:24
Xylenes	ND	0.0050	1	06/07/2019 09:24

Surrogates	REC (%)	Limits	
2-Fluorotoluene	73	62-126	06/07/2019 09:24

Analyst(s): IA

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Analytical Report

Client:	Farallon Consulting	**WorkOrder:**	1906109
Date Received:	6/4/19 16:15	**Extraction Method:**	SW3550B
Date Prepared:	6/4/19	**Analytical Method:**	SW8015B
Project:	1363-006; Brisbane Quarry	**Unit:**	mg/Kg

Total Extractable Petroleum Hydrocarbons w/out SG Clean-Up

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
S-1	1906109-001A	Soil	06/04/2019 10:10	GC11B 06071929.D	178949

Analytes	Result	RL	DF	Date Analyzed
TPH-Diesel (C10-C23)	**7.2**	5.0	5	06/08/2019 01:44
TPH-Motor Oil (C18-C36)	**130**	25	5	06/08/2019 01:44

Surrogates	REC (%)	Limits	
C9	88	74-123	06/08/2019 01:44

Analyst(s): JIS Analytical Comments: e7,e2

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
S-2	1906109-002A	Soil	06/04/2019 10:15	GC11B 06071935.D	178949

Analytes	Result	RL	DF	Date Analyzed
TPH-Diesel (C10-C23)	**1.8**	1.0	1	06/08/2019 03:37
TPH-Motor Oil (C18-C36)	**55**	5.0	1	06/08/2019 03:37

Surrogates	REC (%)	Limits	
C9	94	74-123	06/08/2019 03:37

Analyst(s): JIS Analytical Comments: e7,e2

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
S-3	1906109-003A	Soil	06/04/2019 10:20	GC11B 06071949.D	178949

Analytes	Result	RL	DF	Date Analyzed
TPH-Diesel (C10-C23)	**4.9**	2.0	2	06/08/2019 08:02
TPH-Motor Oil (C18-C36)	**65**	10	2	06/08/2019 08:02

Surrogates	REC (%)	Limits	
C9	91	74-123	06/08/2019 08:02

Analyst(s): JIS Analytical Comments: e7,e2

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Analytical Report

Client:	Farallon Consulting	**WorkOrder:**	1906109
Date Received:	6/4/19 16:15	**Extraction Method:**	SW3550B
Date Prepared:	6/4/19	**Analytical Method:**	SW8015B
Project:	1363-006; Brisbane Quarry	**Unit:**	mg/Kg

Total Extractable Petroleum Hydrocarbons w/out SG Clean-Up

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
S-4	**1906109-004A**	**Soil**	**06/04/2019 10:25**	**GC9b 06071993.D**	**178949**

Analytes	Result	RL	DF	Date Analyzed
TPH-Diesel (C10-C23)	**1.4**	1.0	1	06/08/2019 22:41
TPH-Motor Oil (C18-C36)	**31**	5.0	1	06/08/2019 22:41

Surrogates	REC (%)	Limits	
C9	104	74-123	06/08/2019 22:41

Analyst(s): JIS Analytical Comments: e7,e2

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
S-5	**1906109-005A**	**Soil**	**06/04/2019 10:30**	**GC11B 06071953.D**	**178949**

Analytes	Result	RL	DF	Date Analyzed
TPH-Diesel (C10-C23)	**4.6**	2.0	2	06/08/2019 09:18
TPH-Motor Oil (C18-C36)	**130**	10	2	06/08/2019 09:18

Surrogates	REC (%)	Limits	
C9	90	74-123	06/08/2019 09:18

Analyst(s): JIS Analytical Comments: e7,e2

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
S-6	**1906109-006A**	**Soil**	**06/04/2019 10:35**	**GC9b 06071989.D**	**178949**

Analytes	Result	RL	DF	Date Analyzed
TPH-Diesel (C10-C23)	ND	1.0	1	06/08/2019 21:23
TPH-Motor Oil (C18-C36)	**23**	5.0	1	06/08/2019 21:23

Surrogates	REC (%)	Limits	
C9	103	74-123	06/08/2019 21:23

Analyst(s): JIS Analytical Comments: e7

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Analytical Report

Client:	Farallon Consulting	**WorkOrder:**	1906109
Date Received:	6/4/19 16:15	**Extraction Method:**	SW3550B
Date Prepared:	6/4/19	**Analytical Method:**	SW8015B
Project:	1363-006; Brisbane Quarry	**Unit:**	mg/Kg

Total Extractable Petroleum Hydrocarbons w/out SG Clean-Up

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
S-7	**1906109-007A**	**Soil**	**06/04/2019 10:40**	**GC9b 06071967.D**	**178949**

Analytes	Result	RL	DF	Date Analyzed
TPH-Diesel (C10-C23)	**1.7**	1.0	1	06/08/2019 14:17
TPH-Motor Oil (C18-C36)	**22**	5.0	1	06/08/2019 14:17

Surrogates	REC (%)	Limits	
C9	103	74-123	06/08/2019 14:17

Analyst(s): JIS Analytical Comments: e7,e2

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
S-8	**1906109-008A**	**Soil**	**06/04/2019 10:45**	**GC9b 06071985.D**	**178949**

Analytes	Result	RL	DF	Date Analyzed
TPH-Diesel (C10-C23)	**2.0**	1.0	1	06/08/2019 20:05
TPH-Motor Oil (C18-C36)	**33**	5.0	1	06/08/2019 20:05

Surrogates	REC (%)	Limits	
C9	102	74-123	06/08/2019 20:05

Analyst(s): JIS Analytical Comments: e7,e2

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
S-9	**1906109-009A**	**Soil**	**06/04/2019 10:50**	**GC11B 06071959.D**	**178949**

Analytes	Result	RL	DF	Date Analyzed
TPH-Diesel (C10-C23)	**15**	10	10	06/08/2019 11:13
TPH-Motor Oil (C18-C36)	**300**	50	10	06/08/2019 11:13

Surrogates	REC (%)	Limits	
C9	86	74-123	06/08/2019 11:13

Analyst(s): JIS Analytical Comments: e7,e2

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Quality Control Report

Client:	Farallon Consulting	**WorkOrder:**	1906109
Date Prepared:	6/4/19	**BatchID:**	179019
Date Analyzed:	6/5/19	**Extraction Method:**	SW5035
Instrument:	GC38	**Analytical Method:**	SW8260B
Matrix:	Soil	**Unit:**	mg/Kg
Project:	1363-006; Brisbane Quarry	**Sample ID:**	MB/LCS/LCSD-179019

QC Summary Report for SW8260B

Analyte	MB Result	MDL	RL	SPK Val	MB SS %REC	MB SS Limits
Acetone	ND	0.13	0.20	-	-	-
tert-Amyl methyl ether (TAME)	ND	0.0016	0.010	-	-	-
Benzene	ND	0.0020	0.010	-	-	-
Bromobenzene	ND	0.0024	0.010	-	-	-
Bromochloromethane	ND	0.0022	0.010	-	-	-
Bromodichloromethane	ND	0.00056	0.0020	-	-	-
Bromoform	ND	0.0034	0.010	-	-	-
Bromomethane	ND	0.0036	0.010	-	-	-
2-Butanone (MEK)	ND	0.022	0.040	-	-	-
t-Butyl alcohol (TBA)	ND	0.064	0.10	-	-	-
n-Butyl benzene	ND	0.0042	0.010	-	-	-
sec-Butyl benzene	ND	0.0034	0.010	-	-	-
tert-Butyl benzene	ND	0.0026	0.010	-	-	-
Carbon Disulfide	ND	0.0060	0.010	-	-	-
Carbon Tetrachloride	ND	0.0018	0.010	-	-	-
Chlorobenzene	ND	0.0017	0.010	-	-	-
Chloroethane	ND	0.0040	0.010	-	-	-
Chloroform	ND	0.00022	0.010	-	-	-
Chloromethane	ND	0.0052	0.010	-	-	-
2-Chlorotoluene	ND	0.0032	0.010	-	-	-
4-Chlorotoluene	ND	0.0024	0.010	-	-	-
Dibromochloromethane	ND	0.00038	0.010	-	-	-
1,2-Dibromo-3-chloropropane	ND	0.00032	0.00050	-	-	-
1,2-Dibromoethane (EDB)	ND	0.000068	0.00020	-	-	-
Dibromomethane	ND	0.0016	0.010	-	-	-
1,2-Dichlorobenzene	ND	0.0022	0.010	-	-	-
1,3-Dichlorobenzene	ND	0.0020	0.010	-	-	-
1,4-Dichlorobenzene	ND	0.0017	0.010	-	-	-
Dichlorodifluoromethane	ND	0.0026	0.010	-	-	-
1,1-Dichloroethane	ND	0.0018	0.010	-	-	-
1,2-Dichloroethane (1,2-DCA)	ND	0.00017	0.00050	-	-	-
1,1-Dichloroethene	ND	0.000056	0.00050	-	-	-
cis-1,2-Dichloroethene	ND	0.0017	0.010	-	-	-
trans-1,2-Dichloroethene	ND	0.0022	0.010	-	-	-
1,2-Dichloropropane	ND	0.0016	0.010	-	-	-
1,3-Dichloropropane	ND	0.0014	0.010	-	-	-
2,2-Dichloropropane	ND	0.0038	0.010	-	-	-
1,1-Dichloropropene	ND	0.0017	0.010	-	-	-

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Quality Control Report

Client:	Farallon Consulting	**WorkOrder:**	1906109
Date Prepared:	6/4/19	**BatchID:**	179019
Date Analyzed:	6/5/19	**Extraction Method:**	SW5035
Instrument:	GC38	**Analytical Method:**	SW8260B
Matrix:	Soil	**Unit:**	mg/Kg
Project:	1363-006; Brisbane Quarry	**Sample ID:**	MB/LCS/LCSD-179019

QC Summary Report for SW8260B

Analyte	MB Result	MDL	RL	SPK Val	MB SS %REC	MB SS Limits
cis-1,3-Dichloropropene	ND	0.0034	0.010	-	-	-
trans-1,3-Dichloropropene	ND	0.0040	0.010	-	-	-
Diisopropyl ether (DIPE)	ND	0.0022	0.010	-	-	-
Ethylbenzene	ND	0.0019	0.010	-	-	-
Ethyl tert-butyl ether (ETBE)	ND	0.0022	0.010	-	-	-
Freon 113	ND	0.0022	0.010	-	-	-
Hexachlorobutadiene	ND	0.0046	0.010	-	-	-
Hexachloroethane	ND	0.0028	0.010	-	-	-
2-Hexanone	ND	0.0062	0.010	-	-	-
Isopropylbenzene	ND	0.0034	0.010	-	-	-
4-Isopropyl toluene	ND	0.0030	0.010	-	-	-
Methyl-t-butyl ether (MTBE)	ND	0.0034	0.010	-	-	-
Methylene chloride	ND	0.016	0.020	-	-	-
4-Methyl-2-pentanone (MIBK)	ND	0.0058	0.010	-	-	-
Naphthalene	ND	0.0072	0.010	-	-	-
n-Propyl benzene	ND	0.0032	0.010	-	-	-
Styrene	ND	0.0054	0.010	-	-	-
1,1,1,2-Tetrachloroethane	ND	0.0018	0.010	-	-	-
1,1,2,2-Tetrachloroethane	ND	0.000087	0.00050	-	-	-
Tetrachloroethene	ND	0.00040	0.0020	-	-	-
Toluene	ND	0.0032	0.010	-	-	-
1,2,3-Trichlorobenzene	ND	0.0074	0.010	-	-	-
1,2,4-Trichlorobenzene	ND	0.0036	0.010	-	-	-
1,1,1-Trichloroethane	ND	0.0017	0.010	-	-	-
1,1,2-Trichloroethane	ND	0.0013	0.010	-	-	-
Trichloroethene	ND	0.0032	0.010	-	-	-
Trichlorofluoromethane	ND	0.0028	0.010	-	-	-
1,2,3-Trichloropropane	ND	0.000084	0.00010	-	-	-
1,2,4-Trimethylbenzene	ND	0.0030	0.010	-	-	-
1,3,5-Trimethylbenzene	ND	0.0032	0.010	-	-	-
Vinyl Chloride	ND	0.00011	0.00050	-	-	-
m,p-Xylene	ND	0.0046	0.010	-	-	-
o-Xylene	ND	0.0015	0.010	-	-	-

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Quality Control Report

Client:	Farallon Consulting	**WorkOrder:**	1906109
Date Prepared:	6/4/19	**BatchID:**	179019
Date Analyzed:	6/5/19	**Extraction Method:**	SW5035
Instrument:	GC38	**Analytical Method:**	SW8260B
Matrix:	Soil	**Unit:**	mg/Kg
Project:	1363-006; Brisbane Quarry	**Sample ID:**	MB/LCS/LCSD-179019

QC Summary Report for SW8260B

Analyte	MB Result	MDL	RL	SPK Val	MB SS %REC	MB SS Limits
Surrogate Recovery						
Dibromofluoromethane	0.23			0.25	93	85-129
Toluene-d8	0.26			0.25	103	98-136
4-BFB	0.024			0.025	96	83-137
Benzene-d6	0.25			0.20	123	67-135
Ethylbenzene-d10	0.25			0.20	123	81-152
1,2-DCB-d4	0.17			0.20	86	61-112

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Quality Control Report

Client:	Farallon Consulting	**WorkOrder:**	1906109
Date Prepared:	6/4/19	**BatchID:**	179019
Date Analyzed:	6/5/19	**Extraction Method:**	SW5035
Instrument:	GC38	**Analytical Method:**	SW8260B
Matrix:	Soil	**Unit:**	mg/Kg
Project:	1363-006; Brisbane Quarry	**Sample ID:**	MB/LCS/LCSD-179019

QC Summary Report for SW8260B

Analyte	LCS Result	LCSD Result	SPK Val	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Limit
Acetone	0.53	0.61	0.80	66	77	65-143	14.5	20
tert-Amyl methyl ether (TAME)	0.032	0.035	0.040	81	88	55-119	7.92	20
Benzene	0.036	0.039	0.040	89	98	64-131	9.55	20
Bromobenzene	0.035	0.033	0.040	86	84	66-132	3.24	20
Bromochloromethane	0.037	0.041	0.040	92	102	66-123	10.1	20
Bromodichloromethane	0.032	0.034	0.040	79	86	63-121	8.62	20
Bromoform	0.024	0.024	0.040	59	60	50-92	1.12	20
Bromomethane	0.031	0.035	0.040	79	88	42-146	11.2	20
2-Butanone (MEK)	0.15	0.16	0.16	92	98	59-127	6.54	20
t-Butyl alcohol (TBA)	0.16	0.18	0.16	101	110	54-132	8.66	20
n-Butyl benzene	0.051	0.052	0.040	128	129	91-188	0.971	20
sec-Butyl benzene	0.047	0.048	0.040	117	120	89-186	1.85	20
tert-Butyl benzene	0.043	0.043	0.040	107	107	83-180	0	20
Carbon Disulfide	0.031	0.035	0.040	77	86	59-149	11.3	20
Carbon Tetrachloride	0.033	0.037	0.040	82	93	66-139	12.4	20
Chlorobenzene	0.038	0.038	0.040	95	95	65-127	0	20
Chloroethane	0.028	0.032	0.040	69	80	41-142	14.7	20
Chloroform	0.037	0.040	0.040	93	101	73-124	8.71	20
Chloromethane	0.022	0.024	0.040	55	60	28-144	10.1	20
2-Chlorotoluene	0.040	0.040	0.040	99	99	76-152	0	20
4-Chlorotoluene	0.038	0.038	0.040	94	94	71-148	0	20
Dibromochloromethane	0.027	0.027	0.040	68	68	63-105	0	20
1,2-Dibromo-3-chloropropane	0.028	0.028	0.040	71	69	42-115	2.29	20
1,2-Dibromoethane (EDB)	0.033	0.033	0.040	83	83	66-126	0	20
Dibromomethane	0.036	0.038	0.040	89	96	63-116	7.23	20
1,2-Dichlorobenzene	0.032	0.032	0.040	80	79	59-107	0.908	20
1,3-Dichlorobenzene	0.037	0.037	0.040	93	94	74-131	0.573	20
1,4-Dichlorobenzene	0.036	0.036	0.040	89	89	67-125	0	20
Dichlorodifluoromethane	0.011	0.012	0.040	28	31	9-81	8.41	20
1,1-Dichloroethane	0.038	0.042	0.040	96	106	71-129	9.56	20
1,2-Dichloroethane (1,2-DCA)	0.035	0.039	0.040	89	96	66-122	8.41	20
1,1-Dichloroethene	0.035	0.039	0.040	88	98	59-134	9.84	20
cis-1,2-Dichloroethene	0.037	0.040	0.040	92	101	63-135	9.29	20
trans-1,2-Dichloroethene	0.036	0.040	0.040	90	99	54-140	9.95	20
1,2-Dichloropropane	0.039	0.042	0.040	97	106	65-127	8.87	20
1,3-Dichloropropane	0.040	0.040	0.040	101	100	62-135	0.580	20
2,2-Dichloropropane	0.035	0.038	0.040	88	96	69-145	8.93	20
1,1-Dichloropropene	0.038	0.041	0.040	94	104	66-138	9.76	20

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Quality Control Report

Client:	Farallon Consulting	**WorkOrder:**	1906109
Date Prepared:	6/4/19	**BatchID:**	179019
Date Analyzed:	6/5/19	**Extraction Method:**	SW5035
Instrument:	GC38	**Analytical Method:**	SW8260B
Matrix:	Soil	**Unit:**	mg/Kg
Project:	1363-006; Brisbane Quarry	**Sample ID:**	MB/LCS/LCSD-179019

QC Summary Report for SW8260B

Analyte	LCS Result	LCSD Result	SPK Val	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Limit
cis-1,3-Dichloropropene	0.035	0.035	0.040	87	86	65-141	0.509	20
trans-1,3-Dichloropropene	0.034	0.033	0.040	84	83	66-126	0.744	20
Diisopropyl ether (DIPE)	0.039	0.042	0.040	97	106	70-119	8.45	20
Ethylbenzene	0.040	0.040	0.040	100	100	79-138	0	20
Ethyl tert-butyl ether (ETBE)	0.034	0.037	0.040	86	92	69-119	7.40	20
Freon 113	0.034	0.037	0.040	84	93	50-122	10.4	20
Hexachlorobutadiene	0.051	0.051	0.040	127	127	81-188	0	20
Hexachloroethane	0.034	0.034	0.040	84	85	78-155	1.41	20
2-Hexanone	0.028	0.028	0.040	70	71	48-107	0.904	20
Isopropylbenzene	0.044	0.044	0.040	109	111	71-169	1.79	20
4-Isopropyl toluene	0.045	0.045	0.040	113	113	88-172	0	20
Methyl-t-butyl ether (MTBE)	0.037	0.040	0.040	92	99	63-121	7.30	20
Methylene chloride	0.043	0.047	0.040	106	118	62-133	10.1	20
4-Methyl-2-pentanone (MIBK)	0.028	0.030	0.040	71	76	50-109	6.35	20
Naphthalene	0.023	0.021	0.040	58	53	29-69	9.75	20
n-Propyl benzene	0.044	0.044	0.040	110	110	81-181	0	20
Styrene	0.033	0.033	0.040	83	82	62-129	1.74	20
1,1,1,2-Tetrachloroethane	0.035	0.035	0.040	87	87	74-130	0	20
1,1,2,2-Tetrachloroethane	0.032	0.032	0.040	81	80	42-126	1.40	20
Tetrachloroethene	0.041	0.040	0.040	101	101	72-153	0	20
Toluene	0.037	0.037	0.040	92	93	70-140	0.249	20
1,2,3-Trichlorobenzene	0.025	0.024	0.040	63	61	33-87	3.25	20
1,2,4-Trichlorobenzene	0.031	0.030	0.040	77	75	46-109	1.73	20
1,1,1-Trichloroethane	0.035	0.039	0.040	88	96	72-135	9.47	20
1,1,2-Trichloroethane	0.035	0.034	0.040	86	86	60-130	0	20
Trichloroethene	0.036	0.039	0.040	89	98	57-146	9.57	20
Trichlorofluoromethane	0.034	0.037	0.040	84	93	52-130	9.79	20
1,2,3-Trichloropropane	0.038	0.038	0.040	95	95	65-130	0	20
1,2,4-Trimethylbenzene	0.042	0.042	0.040	105	106	83-156	0.689	20
1,3,5-Trimethylbenzene	0.043	0.044	0.040	108	109	86-167	1.19	20
Vinyl Chloride	0.025	0.029	0.040	64	72	33-141	11.9	20
m,p-Xylene	0.075	0.076	0.080	94	95	70-141	0.704	20
o-Xylene	0.038	0.038	0.040	96	96	74-130	0	20

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Quality Control Report

Client:	Farallon Consulting	**WorkOrder:**	1906109
Date Prepared:	6/4/19	**BatchID:**	179019
Date Analyzed:	6/5/19	**Extraction Method:**	SW5035
Instrument:	GC38	**Analytical Method:**	SW8260B
Matrix:	Soil	**Unit:**	mg/Kg
Project:	1363-006; Brisbane Quarry	**Sample ID:**	MB/LCS/LCSD-179019

QC Summary Report for SW8260B

Analyte	LCS Result	LCSD Result	SPK Val	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Limit
Surrogate Recovery								
Dibromofluoromethane	0.22	0.24	0.25	88	96	85-129	8.79	20
Toluene-d8	0.25	0.25	0.25	99	99	98-136	0	20
4-BFB	0.025	0.025	0.025	100	102	83-137	1.49	20
Benzene-d6	0.22	0.25	0.20	111	124	67-135	10.8	20
Ethylbenzene-d10	0.24	0.24	0.20	120	122	81-152	2.11	20
1,2-DCB-d4	0.17	0.17	0.20	84	85	61-112	0.649	20

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Quality Control Report

Client:	Farallon Consulting	**WorkOrder:**	1906109
Date Prepared:	6/6/19	**BatchID:**	179144
Date Analyzed:	6/6/19 - 6/7/19	**Extraction Method:**	SW3550B/3640A
Instrument:	GC21	**Analytical Method:**	SW8270C
Matrix:	Soil	**Unit:**	mg/Kg
Project:	1363-006; Brisbane Quarry	**Sample ID:**	MB/LCS/LCSD-179144 1906109-001AMS/MSD

QC Summary Report for SW8270C (Low Level) w/ GPC

Analyte	MB Result	MDL	RL	SPK Val	MB SS %REC	MB SS Limits
Benzoic Acid	ND	0.96	1.2	-	-	-
Acenaphthene	ND	0.0012	0.0013	-	-	-
Acenaphthylene	ND	0.0012	0.0013	-	-	-
Acetochlor	ND	0.16	0.25	-	-	-
Anthracene	ND	0.00096	0.0013	-	-	-
Benzidine	ND	0.72	1.2	-	-	-
Benzo (a) anthracene	ND	0.0044	0.0050	-	-	-
Benzo (a) pyrene	ND	0.0011	0.0025	-	-	-
Benzo (b) fluoranthene	ND	0.0012	0.0013	-	-	-
Benzo (g,h,i) perylene	ND	0.0010	0.0025	-	-	-
Benzo (k) fluoranthene	ND	0.0010	0.0013	-	-	-
Benzyl Alcohol	ND	1.2	1.2	-	-	-
1,1-Biphenyl	ND	0.0026	0.013	-	-	-
Bis (2-chloroethoxy) Methane	ND	0.16	0.25	-	-	-
Bis (2-chloroethyl) Ether	ND	0.0019	0.0025	-	-	-
Bis (2-chloroisopropyl) Ether	ND	0.0018	0.0025	-	-	-
Bis (2-ethylhexyl) Adipate	ND	0.23	0.50	-	-	-
Bis (2-ethylhexyl) Phthalate	ND	0.0045	0.0050	-	-	-
4-Bromophenyl Phenyl Ether	ND	0.16	0.25	-	-	-
Butylbenzyl Phthalate	ND	0.023	0.025	-	-	-
4-Chloroaniline	ND	0.0016	0.0025	-	-	-
4-Chloro-3-methylphenol	ND	0.16	0.25	-	-	-
2-Chloronaphthalene	ND	0.20	0.25	-	-	-
2-Chlorophenol	ND	0.0026	0.0050	-	-	-
4-Chlorophenyl Phenyl Ether	ND	0.18	0.25	-	-	-
Chrysene	ND	0.00098	0.0025	-	-	-
Dibenzo (a,h) anthracene	ND	0.0011	0.0025	-	-	-
Dibenzofuran	ND	0.18	0.25	-	-	-
Di-n-butyl Phthalate	0.0019,J	0.0018	0.0025	-	-	-
1,2-Dichlorobenzene	ND	0.13	0.25	-	-	-
1,3-Dichlorobenzene	ND	0.15	0.25	-	-	-
1,4-Dichlorobenzene	ND	0.15	0.25	-	-	-
3,3-Dichlorobenzidine	ND	0.00096	0.0025	-	-	-
2,4-Dichlorophenol	ND	0.0017	0.013	-	-	-
Diethyl Phthalate	ND	0.0023	0.0050	-	-	-
2,4-Dimethylphenol	ND	0.19	0.25	-	-	-
Dimethyl Phthalate	ND	0.0024	0.0025	-	-	-
4,6-Dinitro-2-methylphenol	ND	0.77	1.2	-	-	-

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Quality Control Report

Client:	Farallon Consulting	**WorkOrder:**	1906109
Date Prepared:	6/6/19	**BatchID:**	179144
Date Analyzed:	6/6/19 - 6/7/19	**Extraction Method:**	SW3550B/3640A
Instrument:	GC21	**Analytical Method:**	SW8270C
Matrix:	Soil	**Unit:**	mg/Kg
Project:	1363-006; Brisbane Quarry	**Sample ID:**	MB/LCS/LCSD-179144 1906109-001AMS/MSD

QC Summary Report for SW8270C (Low Level) w/ GPC

Analyte	MB Result	MDL	RL	SPK Val	MB SS %REC	MB SS Limits
2,4-Dinitrophenol	ND	0.058	0.13	-	-	-
2,4-Dinitrotoluene	ND	0.0011	0.0063	-	-	-
2,6-Dinitrotoluene	ND	0.0019	0.0025	-	-	-
Di-n-octyl Phthalate	ND	0.0032	0.0050	-	-	-
1,2-Diphenylhydrazine	ND	0.20	0.25	-	-	-
Fluoranthene	ND	0.0011	0.0013	-	-	-
Fluorene	ND	0.0019	0.0025	-	-	-
Hexachlorobenzene	ND	0.0013	0.0013	-	-	-
Hexachlorobutadiene	ND	0.0017	0.0025	-	-	-
Hexachlorocyclopentadiene	ND	0.13	2.0	-	-	-
Hexachloroethane	ND	0.0012	0.0025	-	-	-
Indeno (1,2,3-cd) pyrene	ND	0.0010	0.0025	-	-	-
Isophorone	ND	0.14	0.25	-	-	-
2-Methylnaphthalene	ND	0.0018	0.0025	-	-	-
2-Methylphenol (o-Cresol)	ND	0.21	0.50	-	-	-
3 & 4-Methylphenol (m,p-Cresol)	ND	0.17	0.25	-	-	-
Naphthalene	ND	0.0013	0.0013	-	-	-
2-Nitroaniline	ND	1.1	1.2	-	-	-
3-Nitroaniline	ND	0.82	1.2	-	-	-
4-Nitroaniline	ND	0.98	1.2	-	-	-
Nitrobenzene	ND	0.15	0.25	-	-	-
2-Nitrophenol	ND	1.1	1.2	-	-	-
4-Nitrophenol	ND	1.2	1.2	-	-	-
N-Nitrosodimethylamine	ND	0.73	1.2	-	-	-
N-Nitrosodiphenylamine	ND	0.18	0.25	-	-	-
N-Nitrosodi-n-propylamine	ND	0.23	0.25	-	-	-
Pentachlorophenol	ND	0.011	0.031	-	-	-
Phenanthrene	ND	0.0011	0.0050	-	-	-
Phenol	ND	0.0016	0.0050	-	-	-
Pyrene	ND	0.0012	0.0025	-	-	-
Pyridine	ND	0.16	0.25	-	-	-
1,2,4-Trichlorobenzene	ND	0.15	0.25	-	-	-
2,4,5-Trichlorophenol	ND	0.0019	0.0025	-	-	-
2,4,6-Trichlorophenol	ND	0.0012	0.013	-	-	-

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Quality Control Report

Client:	Farallon Consulting	**WorkOrder:**	1906109
Date Prepared:	6/6/19	**BatchID:**	179144
Date Analyzed:	6/6/19 - 6/7/19	**Extraction Method:**	SW3550B/3640A
Instrument:	GC21	**Analytical Method:**	SW8270C
Matrix:	Soil	**Unit:**	mg/Kg
Project:	1363-006; Brisbane Quarry	**Sample ID:**	MB/LCS/LCSD-179144 1906109-001AMS/MSD

QC Summary Report for SW8270C (Low Level) w/ GPC

Analyte	MB Result	MDL	RL	SPK Val	MB SS %REC	MB SS Limits
Surrogate Recovery						
2-Fluorophenol	1.2			1.25	97	71-114
Phenol-d5	1.0			1.25	81	72-121
Nitrobenzene-d5	1.0			1.25	84	70-134
2-Fluorobiphenyl	0.94			1.25	75	69-118
2,4,6-Tribromophenol	1.1			1.25	87	53-139
4-Terphenyl-d14	1.2			1.25	94	69-128

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Quality Control Report

Client:	Farallon Consulting	**WorkOrder:**	1906109
Date Prepared:	6/6/19	**BatchID:**	179144
Date Analyzed:	6/6/19 - 6/7/19	**Extraction Method:**	SW3550B/3640A
Instrument:	GC21	**Analytical Method:**	SW8270C
Matrix:	Soil	**Unit:**	mg/Kg
Project:	1363-006; Brisbane Quarry	**Sample ID:**	MB/LCS/LCSD-179144 1906109-001AMS/MSD

QC Summary Report for SW8270C (Low Level) w/ GPC

Analyte	LCS Result	LCSD Result	SPK Val	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Limit
Acenaphthene	0.12	0.12	0.12	95	97	83-119	1.84	30
Acenaphthylene	0.12	0.12	0.12	100	100	80-123	0	30
Anthracene	0.13	0.13	0.12	102	102	84-130	0	30
Benzidine	6.5	6.2	12.5	52	50	35-76	4.12	30
Benzo (a) anthracene	0.13	0.13	0.12	102	101	81-123	1.33	30
Benzo (a) pyrene	0.15	0.15	0.12	119	120	83-137	0.662	30
Benzo (b) fluoranthene	0.14	0.14	0.12	114	111	84-137	3.24	30
Benzo (g,h,i) perylene	0.16	0.16	0.12	129	127	74-133	1.22	30
Benzo (k) fluoranthene	0.12	0.13	0.12	95	101	78-131	5.97	30
Benzyl Alcohol	9.3	9.4	12.5	74	75	71-125	1.17	30
Bis (2-chloroethoxy) Methane	2.2	2.2	2.5	87, F2	87, F2	89-126	0	30
Bis (2-chloroethyl) Ether	0.10	0.098	0.12	84	79	77-112	6.02	30
Bis (2-chloroisopropyl) Ether	0.14	0.13	0.12	109	101	77-127	7.54	30
Bis (2-ethylhexyl) Adipate	1.6	1.6	2.5	63, F2	64, F2	69-155	0.647	30
Bis (2-ethylhexyl) Phthalate	0.12	0.12	0.12	97	94	81-148	3.53	30
4-Bromophenyl Phenyl Ether	2.4	2.4	2.5	95	97	80-121	1.98	30
Butylbenzyl Phthalate	0.14	0.13	0.12	109	107	82-141	2.13	30
4-Chloroaniline	0.12	0.12	0.12	94	94	65-120	0	30
4-Chloro-3-methylphenol	2.8	2.9	2.5	114	116	94-132	1.96	30
2-Chloronaphthalene	2.1	2.2	2.5	85	87	77-127	2.71	30
2-Chlorophenol	0.12	0.11	0.12	94	88	83-117	6.27	30
4-Chlorophenyl Phenyl Ether	2.2	2.2	2.5	86	89	83-125	2.97	30
Chrysene	0.12	0.12	0.12	100	95	81-127	4.30	30
Dibenzo (a,h) anthracene	0.15	0.15	0.12	122	121	74-145	0.534	30
Dibenzofuran	2.2	2.3	2.5	88	90	81-120	2.30	30
Di-n-butyl Phthalate	0.14	0.14	0.12	112	110	87-134	1.73	30
1,2-Dichlorobenzene	2.6	2.5	2.5	104	102	76-104	2.47	30
1,3-Dichlorobenzene	2.3	2.2	2.5	94	87	72-106	7.52	30
1,4-Dichlorobenzene	2.1	2.0	2.5	86	80	75-109	7.37	30
3,3-Dichlorobenzidine	0.099	0.099	0.12	79	79	44-130	0	30
2,4-Dichlorophenol	2.6	2.6	2.5	104	104	83-135	0	30
Diethyl Phthalate	0.13	0.13	0.12	104	104	88-126	0	30
2,4-Dimethylphenol	2.4	2.3	2.5	96	94	76-139	2.59	30
Dimethyl Phthalate	0.12	0.12	0.12	94	96	86-123	1.62	30
4,6-Dinitro-2-methylphenol	9.8	11	12.5	79	86	74-127	8.52	30
2,4-Dinitrophenol	0.19	0.24	0.62	30, F2	38, F2	43-125	23.3	30
2,4-Dinitrotoluene	0.13	0.12	0.12	102	98	28-166	3.65	30
2,6-Dinitrotoluene	0.13	0.13	0.12	102	102	85-137	0	30

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Quality Control Report

Client:	Farallon Consulting	**WorkOrder:**	1906109
Date Prepared:	6/6/19	**BatchID:**	179144
Date Analyzed:	6/6/19 - 6/7/19	**Extraction Method:**	SW3550B/3640A
Instrument:	GC21	**Analytical Method:**	SW8270C
Matrix:	Soil	**Unit:**	mg/Kg
Project:	1363-006; Brisbane Quarry	**Sample ID:**	MB/LCS/LCSD-179144 1906109-001AMS/MSD

QC Summary Report for SW8270C (Low Level) w/ GPC

Analyte	LCS Result	LCSD Result	SPK Val	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Limit
Di-n-octyl Phthalate	0.14	0.14	0.12	108	110	75-153	1.16	30
1,2-Diphenylhydrazine	2.1	2.1	2.5	85	84	82-133	1.27	30
Fluoranthene	0.14	0.14	0.12	114	111	84-136	2.53	30
Fluorene	0.13	0.14	0.12	108	115	71-144	6.59	30
Hexachlorobenzene	0.10	0.10	0.12	81	80	79-116	0.521	30
Hexachlorobutadiene	0.12	0.12	0.12	94	94	80-122	0	30
Hexachlorocyclopentadiene	9.9	10	12.5	79	81	57-112	2.13	30
Hexachloroethane	0.11	0.10	0.12	86	81	70-106	6.33	30
Indeno (1,2,3-cd) pyrene	0.16	0.16	0.12	130	129	75-139	0.783	30
Isophorone	2.4	2.4	2.5	94	95	87-127	0.660	30
2-Methylnaphthalene	0.14	0.14	0.12	114	109	78-134	3.91	30
2-Methylphenol (o-Cresol)	2.8	2.4	2.5	111	96	81-117	14.3	30
3 & 4-Methylphenol (m,p-Cresol)	2.7	2.5	2.5	108	99	76-119	8.98	30
Naphthalene	0.11	0.11	0.12	90	88	80-115	1.76	30
2-Nitroaniline	12	12	12.5	97	98	88-135	1.24	30
3-Nitroaniline	12	12	12.5	99	99	63-129	0	30
4-Nitroaniline	12	12	12.5	95	98	75-133	2.53	30
Nitrobenzene	2.4	2.4	2.5	97	97	83-125	0	30
2-Nitrophenol	14	14	12.5	110	111	90-132	0.851	30
4-Nitrophenol	12	12	12.5	99	97	77-141	1.92	30
N-Nitrosodiphenylamine	2.3	2.2	2.5	91	90	84-123	1.14	30
N-Nitrosodi-n-propylamine	2.8	2.7	2.5	112	110	78-117	1.95	30
Pentachlorophenol	0.38	0.36	0.62	61, F2	58, F2	65-157	4.84	30
Phenanthrene	0.12	0.12	0.12	97	96	82-119	0.733	30
Phenol	0.43	0.41	0.50	87	82	66-125	5.78	30
Pyrene	0.13	0.13	0.12	106	103	81-132	2.90	30
Pyridine	1.5	1.4	2.5	62	57	34-84	7.36	30
1,2,4-Trichlorobenzene	2.5	2.6	2.5	99	104	73-129	4.83	30
2,4,5-Trichlorophenol	0.12	0.12	0.12	97	95	81-134	1.53	30
2,4,6-Trichlorophenol	0.10	0.10	0.12	83	83	83-129	0	30

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Quality Control Report

Client:	Farallon Consulting	**WorkOrder:**	1906109
Date Prepared:	6/6/19	**BatchID:**	179144
Date Analyzed:	6/6/19 - 6/7/19	**Extraction Method:**	SW3550B/3640A
Instrument:	GC21	**Analytical Method:**	SW8270C
Matrix:	Soil	**Unit:**	mg/Kg
Project:	1363-006; Brisbane Quarry	**Sample ID:**	MB/LCS/LCSD-179144 1906109-001AMS/MSD

QC Summary Report for SW8270C (Low Level) w/ GPC

Analyte	LCS Result	LCSD Result	SPK Val	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Limit
Surrogate Recovery								
2-Fluorophenol	1.2	1.1	1.25	95	90	71-114	5.67	30
Phenol-d5	1.1	1.1	1.25	88	86	72-121	2.80	30
Nitrobenzene-d5	1.1	1.2	1.25	91	92	70-134	1.01	30
2-Fluorobiphenyl	1.0	1.0	1.25	80	83	69-118	4.57	30
2,4,6-Tribromophenol	0.99	1.0	1.25	79	80	53-139	0.758	30
4-Terphenyl-d14	1.3	1.3	1.25	108	104	69-128	3.10	30

Analyte	MS DF	MS Result	MSD Result	SPK Val	SPKRef Val	MS %REC	MSD %REC	MS/MSD Limits	RPD	RPD Limit
Acenaphthene	2	0.13	0.14	0.12	ND<0.0026	106	112	32-118	5.17	30
Acenaphthylene	2	0.13	0.15	0.12	ND<0.0026	107	116	32-122	8.18	30
Anthracene	2	0.15	0.16	0.12	ND<0.0026	122	128,F1	36-125	4.48	30
Benzidine	2	4.9	5.1	12.5	ND<2.5	39	41	4-83	4.27	30
Benzo (a) anthracene	2	0.16	0.17	0.12	0.01822	115	121,F1	35-117	3.93	30
Benzo (a) pyrene	2	0.19	0.20	0.12	0.01838	139,F1	143,F1	42-138	2.65	30
Benzo (b) fluoranthene	2	0.13	0.13	0.12	0.01466	92	95	37-125	2.17	30
Benzo (g,h,i) perylene	2	0.18	0.19	0.12	0.02594	123	128	45-146	3.79	30
Benzo (k) fluoranthene	2	0.15	0.16	0.12	0.008471	114	120	39-124	4.80	30
Benzyl Alcohol	2	6.4	6.4	12.5	ND<2.5	51	51	5-105	0	30
Bis (2-chloroethoxy) Methane	2	2.2	2.2	2.5	ND<0.50	89	90	35-115	0.499	30
Bis (2-chloroethyl) Ether	2	0.10	0.099	0.12	ND<0.0050	81	79	35-105	1.64	30
Bis (2-chloroisopropyl) Ether	2	0.13	0.14	0.12	ND<0.0050	104	112	34-119	7.27	30
Bis (2-ethylhexyl) Adipate	2	1.9	1.7	2.5	ND<1.0	75	69	27-117	8.18	30
Bis (2-ethylhexyl) Phthalate	2	0.16	0.15	0.12	0.01746	111	107	34-124	3.40	30
4-Bromophenyl Phenyl Ether	2	2.8	2.9	2.5	ND<0.50	113,F1	116,F1	33-112	2.49	30
Butylbenzyl Phthalate	2	0.16	0.15	0.12	ND<0.050	125	124	35-127	1.32	30
4-Chloroaniline	2	0.096	0.10	0.12	ND<0.0050	77	84,F1	12-77	8.67	30
4-Chloro-3-methylphenol	2	3.3	3.2	2.5	ND<0.50	131,F1	129,F1	35-123	1.32	30
2-Chloronaphthalene	2	2.4	2.5	2.5	ND<0.50	95	102	28-109	7.26	30
2-Chlorophenol	2	0.13	0.13	0.12	ND<0.010	101	106	38-116	4.84	30
4-Chlorophenyl Phenyl Ether	2	2.6	2.7	2.5	ND<0.50	102	107	33-122	4.43	30
Chrysene	2	0.16	0.17	0.12	0.02345	111	115	37-116	3.47	30
Dibenzo (a,h) anthracene	2	0.16	0.17	0.12	0.006514	122	128	43-141	4.13	30
Dibenzofuran	2	2.5	2.8	2.5	ND<0.50	100	110	33-117	9.34	30
Di-n-butyl Phthalate	2	0.15	0.15	0.12	ND<0.0050	117	120	38-126	2.61	30

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Quality Control Report

Client:	Farallon Consulting	**WorkOrder:**	1906109
Date Prepared:	6/6/19	**BatchID:**	179144
Date Analyzed:	6/6/19 - 6/7/19	**Extraction Method:**	SW3550B/3640A
Instrument:	GC21	**Analytical Method:**	SW8270C
Matrix:	Soil	**Unit:**	mg/Kg
Project:	1363-006; Brisbane Quarry	**Sample ID:**	MB/LCS/LCSD-179144 1906109-001AMS/MSD

QC Summary Report for SW8270C (Low Level) w/ GPC

Analyte	MS DF	MS Result	MSD Result	SPK Val	SPKRef Val	MS %REC	MSD %REC	MS/MSD Limits	RPD	RPD Limit
1,2-Dichlorobenzene	2	2.7	3.0	2.5	ND<0.50	108,F1	119,F1	34-105	9.31	30
1,3-Dichlorobenzene	2	2.5	2.5	2.5	ND<0.50	100	101	33-104	1.30	30
1,4-Dichlorobenzene	2	2.3	2.4	2.5	ND<0.50	90	97	31-102	7.56	30
3,3-Dichlorobenzidine	2	0.14	0.15	0.12	ND<0.0050	114,F1	122,F1	14-84	7.00	30
2,4-Dichlorophenol	2	2.8	3.0	2.5	ND<0.026	112	118	31-124	5.55	30
Diethyl Phthalate	2	0.14	0.15	0.12	ND<0.010	109	116	35-118	6.85	30
2,4-Dimethylphenol	2	2.7	2.8	2.5	ND<0.50	108	112	30-120	3.62	30
Dimethyl Phthalate	2	0.12	0.13	0.12	ND<0.0050	95	100	33-118	5.65	30
4,6-Dinitro-2-methylphenol	2	3.3	3.8	12.5	ND<2.5	26	30	12-126	13.2	30
2,4-Dinitrophenol	2	0.13	0.13	0.62	ND<0.26	20	21	8-130	5.51	30
2,4-Dinitrotoluene	2	0.13	0.14	0.12	ND<0.013	107	115	38-117	7.86	30
2,6-Dinitrotoluene	2	0.14	0.14	0.12	ND<0.0050	110	116	35-121	5.65	30
Di-n-octyl Phthalate	2	0.21	0.20	0.12	ND<0.010	168,F1	161,F1	42-150	4.18	30
1,2-Diphenylhydrazine	2	2.3	2.3	2.5	ND<0.50	90	91	30-117	0.683	30
Fluoranthene	2	0.22	0.23	0.12	0.02322	155,F1	165,F1	38-126	5.91	30
Fluorene	2	0.16	0.17	0.12	ND<0.0050	127,F1	136,F1	34-118	7.27	30
Hexachlorobenzene	2	0.12	0.12	0.12	ND<0.0026	94	98	30-130	4.10	30
Hexachlorobutadiene	2	0.12	0.13	0.12	ND<0.0050	97	100	33-121	3.02	30
Hexachlorocyclopentadiene	2	3.6	4.1	12.5	ND<4.0	29	33	8-89	11.0	30
Hexachloroethane	2	0.11	0.12	0.12	ND<0.0050	88	98	32-106	9.91	30
Indeno (1,2,3-cd) pyrene	2	0.18	0.18	0.12	0.01254	130	137	43-138	4.79	30
Isophorone	2	2.2	2.4	2.5	ND<0.50	89	97,F1	26-92	8.43	30
2-Methylnaphthalene	2	0.15	0.14	0.12	ND<0.0050	123,F1	111	30-121	10.3	30
2-Methylphenol (o-Cresol)	2	2.7	3.0	2.5	ND<1.0	109	119,F1	34-114	8.64	30
3 & 4-Methylphenol (m,p-Cresol)	2	2.8	2.8	2.5	ND<0.50	111	112	26-130	1.27	30
Naphthalene	2	0.11	0.12	0.12	ND<0.0026	90	96	33-113	6.56	30
2-Nitroaniline	2	14	15	12.5	ND<2.5	110	120,F1	29-115	8.68	30
3-Nitroaniline	2	13	15	12.5	ND<2.5	107,F1	120,F1	25-93	11.6	30
4-Nitroaniline	2	15	17	12.5	ND<2.5	121,F1	137,F1	31-108	12.3	30
Nitrobenzene	2	2.5	2.5	2.5	ND<0.50	102	100	33-122	1.79	30
2-Nitrophenol	2	13	14	12.5	ND<2.5	102	110	32-121	7.87	30
4-Nitrophenol	2	11	12	12.5	ND<2.5	88	98	27-102	10.0	30
N-Nitrosodiphenylamine	2	2.5	2.6	2.5	ND<0.50	102	106	45-110	3.82	30
N-Nitrosodi-n-propylamine	2	2.9	3.1	2.5	ND<0.50	118,F1	126,F1	25-108	6.42	30
Pentachlorophenol	2	0.27	0.28	0.62	ND<0.063	43	45	28-134	3.65	30
Phenanthrene	2	0.15	0.16	0.12	ND<0.010	114	121	36-123	5.50	30
Phenol	2	0.43	0.45	0.50	ND<0.010	86	90	33-107	5.27	30
Pyrene	2	0.18	0.18	0.12	0.02388	122	122	38-124	0	30

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Quality Control Report

Client:	Farallon Consulting	**WorkOrder:**	1906109
Date Prepared:	6/6/19	**BatchID:**	179144
Date Analyzed:	6/6/19 - 6/7/19	**Extraction Method:**	SW3550B/3640A
Instrument:	GC21	**Analytical Method:**	SW8270C
Matrix:	Soil	**Unit:**	mg/Kg
Project:	1363-006; Brisbane Quarry	**Sample ID:**	MB/LCS/LCSD-179144 1906109-001AMS/MSD

QC Summary Report for SW8270C (Low Level) w/ GPC

Analyte	MS DF	MS Result	MSD Result	SPK Val	SPKRef Val	MS %REC	MSD %REC	MS/MSD Limits	RPD	RPD Limit
Pyridine	2	0.91	0.95	2.5	ND<0.50	36	38	30-130	4.62	30
1,2,4-Trichlorobenzene	2	2.6	2.7	2.5	ND<0.50	103	109	34-121	5.85	30
2,4,5-Trichlorophenol	2	0.15	0.15	0.12	ND<0.0050	117	123	31-126	5.33	30
2,4,6-Trichlorophenol	2	0.10	0.11	0.12	ND<0.026	81	87	32-128	7.33	30
Surrogate Recovery										
2-Fluorophenol	2	1.1	1.2	1.25		90	96	30-167	5.73	30
Phenol-d5	2	1.1	1.2	1.25		91	95	58-149	4.53	30
Nitrobenzene-d5	2	1.1	1.2	1.25		87	98	54-137	11.5	30
2-Fluorobiphenyl	2	1.1	1.1	1.25		85	90	59-113	5.83	30
2,4,6-Tribromophenol	2	0.82	1.0	1.25		66	80	21-171	19.7	30
4-Terphenyl-d14	2	1.4	1.4	1.25		109	114	65-126	4.12	30

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Quality Control Report

Client:	Farallon Consulting	**WorkOrder:**	1906109
Date Prepared:	6/4/19	**BatchID:**	179002
Date Analyzed:	6/5/19	**Extraction Method:**	SW3050B
Instrument:	ICP-MS3	**Analytical Method:**	SW6020
Matrix:	Soil	**Unit:**	mg/Kg
Project:	1363-006; Brisbane Quarry	**Sample ID:**	MB/LCS/LCSD-179002

QC Summary Report for Metals

Analyte	MB Result	MDL	RL	SPK Val	MB SS %REC	MB SS Limits
Antimony	ND	0.094	0.50	-	-	-
Arsenic	ND	0.14	0.50	-	-	-
Barium	ND	0.97	5.0	-	-	-
Beryllium	ND	0.072	0.50	-	-	-
Cadmium	ND	0.058	0.25	-	-	-
Chromium	ND	0.092	0.50	-	-	-
Cobalt	ND	0.056	0.50	-	-	-
Copper	ND	0.069	0.50	-	-	-
Lead	ND	0.094	0.50	-	-	-
Mercury	0.011,J	0.0050	0.050	-	-	-
Molybdenum	ND	0.23	0.50	-	-	-
Nickel	ND	0.072	0.50	-	-	-
Selenium	ND	0.13	0.50	-	-	-
Silver	ND	0.055	0.50	-	-	-
Thallium	ND	0.10	0.50	-	-	-
Vanadium	ND	0.064	0.50	-	-	-
Zinc	ND	1.4	5.0	-	-	-
Surrogate Recovery						
Terbium	470			500	94	70-130

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Quality Control Report

Client:	Farallon Consulting	**WorkOrder:**	1906109
Date Prepared:	6/4/19	**BatchID:**	179002
Date Analyzed:	6/5/19	**Extraction Method:**	SW3050B
Instrument:	ICP-MS3	**Analytical Method:**	SW6020
Matrix:	Soil	**Unit:**	mg/Kg
Project:	1363-006; Brisbane Quarry	**Sample ID:**	MB/LCS/LCSD-179002

QC Summary Report for Metals

Analyte	LCS Result	LCSD Result	SPK Val	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Limit
Antimony	53	54	50	105	109	75-125	2.92	20
Arsenic	50	50	50	100	100	75-125	0	20
Barium	510	510	500	101	103	75-125	1.41	20
Beryllium	50	51	50	100	102	75-125	1.29	20
Cadmium	49	50	50	99	100	75-125	0.907	20
Chromium	51	50	50	102	101	75-125	1.04	20
Cobalt	52	52	50	103	105	75-125	1.36	20
Copper	51	51	50	102	102	75-125	0	20
Lead	50	50	50	100	99	75-125	0.661	20
Mercury	1.3	1.3	1.25	102	103	75-125	1.48	20
Molybdenum	49	50	50	97	100	75-125	2.60	20
Nickel	51	50	50	101	101	75-125	0	20
Selenium	51	50	50	102	101	75-125	0.869	20
Silver	48	49	50	97	98	75-125	1.56	20
Thallium	50	50	50	100	100	75-125	0	20
Vanadium	50	50	50	99	100	75-125	0.803	20
Zinc	510	510	500	102	102	75-125	0	20
Surrogate Recovery								
Terbium	410	490	500	83	97	70-130	16.0	20

(Cont.)

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Quality Control Report

Client:	Farallon Consulting	**WorkOrder:**	1906109
Date Prepared:	6/7/19	**BatchID:**	179184
Date Analyzed:	6/7/19 - 6/8/19	**Extraction Method:**	SW3050B
Instrument:	ICP-MS3	**Analytical Method:**	SW6020
Matrix:	Soil	**Unit:**	mg/Kg
Project:	1363-006; Brisbane Quarry	**Sample ID:**	MB/LCS/LCSD-179184

QC Summary Report for Metals

Analyte	MB Result	MDL	RL	SPK Val	MB SS %REC	MB SS Limits
Antimony	ND	0.094	0.50	-	-	-
Arsenic	ND	0.14	0.50	-	-	-
Barium	ND	0.97	5.0	-	-	-
Beryllium	ND	0.072	0.50	-	-	-
Cadmium	ND	0.058	0.25	-	-	-
Chromium	ND	0.092	0.50	-	-	-
Cobalt	ND	0.056	0.50	-	-	-
Copper	ND	0.069	0.50	-	-	-
Lead	ND	0.094	0.50	-	-	-
Mercury	0.0057,J	0.0050	0.050	-	-	-
Molybdenum	ND	0.23	0.50	-	-	-
Nickel	ND	0.072	0.50	-	-	-
Selenium	ND	0.13	0.50	-	-	-
Silver	ND	0.055	0.50	-	-	-
Thallium	ND	0.10	0.50	-	-	-
Vanadium	ND	0.064	0.50	-	-	-
Zinc	ND	1.4	5.0	-	-	-
Surrogate Recovery						
Terbium	520			500	103	70-130

(Cont.)

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Quality Control Report

Client:	Farallon Consulting	**WorkOrder:**	1906109
Date Prepared:	6/7/19	**BatchID:**	179184
Date Analyzed:	6/7/19 - 6/8/19	**Extraction Method:**	SW3050B
Instrument:	ICP-MS3	**Analytical Method:**	SW6020
Matrix:	Soil	**Unit:**	mg/Kg
Project:	1363-006; Brisbane Quarry	**Sample ID:**	MB/LCS/LCSD-179184

QC Summary Report for Metals

Analyte	LCS Result	LCSD Result	SPK Val	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Limit
Antimony	52	51	50	105	101	75-125	3.25	20
Arsenic	50	48	50	101	96	75-125	4.82	20
Barium	530	510	500	106	103	75-125	2.97	20
Beryllium	53	51	50	106	101	75-125	5.13	20
Cadmium	51	49	50	102	98	75-125	3.89	20
Chromium	51	49	50	102	99	75-125	3.84	20
Cobalt	53	51	50	106	102	75-125	3.70	20
Copper	52	50	50	103	99	75-125	3.59	20
Lead	51	49	50	102	97	75-125	4.43	20
Mercury	1.3	1.2	1.25	102	98	75-125	3.59	20
Molybdenum	51	49	50	102	98	75-125	3.06	20
Nickel	51	50	50	103	99	75-125	3.46	20
Selenium	51	50	50	102	100	75-125	2.38	20
Silver	51	49	50	101	97	75-125	3.92	20
Thallium	50	48	50	100	96	75-125	4.09	20
Vanadium	51	49	50	102	98	75-125	4.33	20
Zinc	510	490	500	103	99	75-125	3.90	20
Surrogate Recovery								
Terbium	530	510	500	105	102	70-130	2.91	20

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Quality Control Report

Client:	Farallon Consulting	**WorkOrder:**	1906109
Date Prepared:	6/4/19	**BatchID:**	179005
Date Analyzed:	6/4/19 - 6/5/19	**Extraction Method:**	SW5035
Instrument:	GC19, GC3	**Analytical Method:**	SW8021B/8015Bm
Matrix:	Soil	**Unit:**	mg/Kg
Project:	1363-006; Brisbane Quarry	**Sample ID:**	MB/LCS/LCSD-179005

QC Summary Report for SW8021B/8015Bm

Analyte	MB Result	MDL	RL	SPK Val	MB SS %REC	MB SS Limits
TPH(g) (C6-C12)	0.11,J	0.090	1.0	-	-	-
MTBE	ND	0.0023	0.050	-	-	-
Benzene	ND	0.0010	0.0050	-	-	-
Toluene	ND	0.0012	0.0050	-	-	-
Ethylbenzene	ND	0.0020	0.0050	-	-	-
m,p-Xylene	ND	0.0013	0.010	-	-	-
o-Xylene	ND	0.0013	0.0050	-	-	-
Surrogate Recovery						
2-Fluorotoluene	0.088			0.10	88	75-134

Analyte	LCS Result	LCSD Result	SPK Val	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Limit
TPH(btex)	0.57	0.56	0.60	95	93	82-118	2.28	20
MTBE	0.090	0.088	0.10	90	88	61-119	2.01	20
Benzene	0.10	0.096	0.10	100	96	77-128	3.58	20
Toluene	0.10	0.10	0.10	104	100	74-132	4.13	20
Ethylbenzene	0.10	0.10	0.10	102	100	84-127	2.63	20
m,p-Xylene	0.21	0.21	0.20	105	103	80-120	2.05	20
o-Xylene	0.10	0.10	0.10	103	102	80-120	1.07	20
Surrogate Recovery								
2-Fluorotoluene	0.098	0.095	0.10	98	95	75-134	3.62	20

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Quality Control Report

Client:	Farallon Consulting	**WorkOrder:**	1906109
Date Prepared:	6/3/19	**BatchID:**	178949
Date Analyzed:	6/4/19	**Extraction Method:**	SW3550B
Instrument:	GC11A	**Analytical Method:**	SW8015B
Matrix:	Soil	**Unit:**	mg/Kg
Project:	1363-006; Brisbane Quarry	**Sample ID:**	MB/LCS/LCSD-178949

QC Report for SW8015B w/out SG Clean-Up

Analyte	MB Result	MDL	RL	SPK Val	MB SS %REC	MB SS Limits
TPH-Diesel (C10-C23)	ND	0.83	1.0	-	-	-
TPH-Motor Oil (C18-C36)	ND	3.8	5.0	-	-	-
Surrogate Recovery						
C9	23			25	91	72-122

Analyte	LCS Result	LCSD Result	SPK Val	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Limit
TPH-Diesel (C10-C23)	40	41	40	99	102	75-128	2.22	30
Surrogate Recovery								
C9	22	22	25	89	90	72-122	1.01	30

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CHAIN-OF-CUSTODY RECORD

WorkOrder: 1906109 **ClientCode: FCOKC**

☐ WaterTrax ☐ WriteOn ☐ EDF ☑ Excel ☐ EQuIS ☐ Email ☐ HardCopy ☐ ThirdParty ☐ J-flag
☐ Detection Summary ☒ Dry-Weight

Report to:
Gavin Fisco
Farallon Consulting
180 Grand Avenue, Suite 900
Oakland, CA 94612
(510) 879-6801 FAX:

Email: gfisco@farallonconsulting.com
cc/3rd Party: sallin@farallonconsulting.com;
PO: 1363-006
Project: 1363-006; Brisbane Quarry

Bill to:
Accounts Payable
Farallon Consulting
180 Grand Avenue, Suite 900
Oakland, CA 94612
ap@farallonconsulting.com

Requested TAT: **5 days;**

Date Received: **06/04/2019**
Date Logged: **06/04/2019**

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
1906109-001	S-1	Soil	6/4/2019 10:10	☐	A	A	A	A	A	A						
1906109-002	S-2	Soil	6/4/2019 10:15	☐	A	A	A	A	A	A						
1906109-003	S-3	Soil	6/4/2019 10:20	☐	A	A	A	A	A	A						
1906109-004	S-4	Soil	6/4/2019 10:25	☐	A	A	A	A	A	A						
1906109-005	S-5	Soil	6/4/2019 10:30	☐	A	A	A	A	A	A						
1906109-006	S-6	Soil	6/4/2019 10:35	☐	A	A	A	A	A	A						
1906109-007	S-7	Soil	6/4/2019 10:40	☐	A	A	A	A	A	A						
1906109-008	S-8	Soil	6/4/2019 10:45	☐	A	A	A	A	A	A						
1906109-009	S-9	Soil	6/4/2019 10:50	☐	A	A	A	A	A	A						

Test Legend:

1	8260B_SCAN-SIM_E	2	8270_SCSM_GPC_S	3	CAM17MS_TTLC_S	4	CARB435_400
5	G-MBTEX_S	6	TPH(DMO)_S	7		8	
9		10		11		12	

Project Manager: Rosa Venegas **Prepared by: Kena Ponce**

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: FARALLON CONSULTING **Project:** 1363-006; Brisbane Quarry **Work Order:** 1906109
Client Contact: Gavin Fisco **QC Level:** LEVEL 2
Contact's Email: gfisco@farallonconsulting.com **Comments:** **Date Logged:** 6/4/2019

☐ WaterTrax ☐ WriteOn ☐ EDF ☑ Excel ☐ EQuIS ☐ 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
1906109-001A	S-1	Soil	SW8015B (Diesel & Motor Oil)	3	16OZ GJ, Unpres + 2-Encore	☐	6/4/2019 10:10	5 days		☐	
			SW8021B/8015Bm (G/MBTEX)			☐		5 days		☐	
			Asbestos, CARB 435, 400 Point			☐		5 days		☐	
			SW6020 (CAM 17)			☐		5 days		☐	
			SW8270C (Low Level SVOCs) with GPC Cleanup			☐		5 days		☐	
			SW8260B (VOCs, Scan SIM) (Encore)			☐		5 days		☐	
1906109-002A	S-2	Soil	SW8015B (Diesel & Motor Oil)	3	16OZ GJ, Unpres + 2-Encore	☐	6/4/2019 10:15	5 days		☐	
			SW8021B/8015Bm (G/MBTEX)			☐		5 days		☐	
			Asbestos, CARB 435, 400 Point			☐		5 days		☐	
			SW6020 (CAM 17)			☐		5 days		☐	
			SW8270C (Low Level SVOCs) with GPC Cleanup			☐		5 days		☐	
			SW8260B (VOCs, Scan SIM) (Encore)			☐		5 days		☐	
1906109-003A	S-3	Soil	SW8015B (Diesel & Motor Oil)	3	16OZ GJ, Unpres + 2-Encore	☐	6/4/2019 10:20	5 days		☐	
			SW8021B/8015Bm (G/MBTEX)			☐		5 days		☐	
			Asbestos, CARB 435, 400 Point			☐		5 days		☐	
			SW6020 (CAM 17)			☐		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.

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WORK ORDER SUMMARY

Client Name: FARALLON CONSULTING **Project:** 1363-006; Brisbane Quarry **Work Order:** 1906109
Client Contact: Gavin Fisco **QC Level:** LEVEL 2
Contact's Email: gfisco@farallonconsulting.com **Comments:** **Date Logged:** 6/4/2019

☐ WaterTrax ☐ WriteOn ☐ EDF ☑ Excel ☐ EQuIS ☐ 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
1906109-003A	S-3	Soil	SW8270C (Low Level SVOCs) with GPC Cleanup	3	16OZ GJ, Unpres + 2-Encore	☐	6/4/2019 10:20	5 days		☐	
			SW8260B (VOCs, Scan SIM) (Encore)			☐		5 days		☐	
1906109-004A	S-4	Soil	SW8015B (Diesel & Motor Oil)	3	16OZ GJ, Unpres + 2-Encore	☐	6/4/2019 10:25	5 days		☐	
			SW8021B/8015Bm (G/MBTEX)			☐		5 days		☐	
			Asbestos, CARB 435, 400 Point			☐		5 days		☐	
			SW6020 (CAM 17)			☐		5 days		☐	
			SW8270C (Low Level SVOCs) with GPC Cleanup			☐		5 days		☐	
			SW8260B (VOCs, Scan SIM) (Encore)			☐		5 days		☐	
1906109-005A	S-5	Soil	SW8015B (Diesel & Motor Oil)	3	16OZ GJ, Unpres + 2-Encore	☐	6/4/2019 10:30	5 days		☐	
			SW8021B/8015Bm (G/MBTEX)			☐		5 days		☐	
			Asbestos, CARB 435, 400 Point			☐		5 days		☐	
			SW6020 (CAM 17)			☐		5 days		☐	
			SW8270C (Low Level SVOCs) with GPC Cleanup			☐		5 days		☐	
			SW8260B (VOCs, Scan SIM) (Encore)			☐		5 days		☐	
1906109-006A	S-6	Soil	SW8015B (Diesel & Motor Oil)	3	16OZ GJ, Unpres + 2-Encore	☐	6/4/2019 10:35	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).

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WORK ORDER SUMMARY

Client Name: FARALLON CONSULTING **Project:** 1363-006; Brisbane Quarry **Work Order:** 1906109
Client Contact: Gavin Fisco **QC Level:** LEVEL 2
Contact's Email: gfisco@farallonconsulting.com **Comments:** **Date Logged:** 6/4/2019

☐ WaterTrax ☐ WriteOn ☐ EDF ☑ Excel ☐ EQuIS ☐ 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
1906109-006A	S-6	Soil	SW8021B/8015Bm (G/MBTEX)	3	16OZ GJ, Unpres + 2-Encore	☐	6/4/2019 10:35	5 days		☐	
			Asbestos, CARB 435, 400 Point			☐		5 days		☐	
			SW6020 (CAM 17)			☐		5 days		☐	
			SW8270C (Low Level SVOCs) with GPC Cleanup			☐		5 days		☐	
			SW8260B (VOCs, Scan SIM) (Encore)			☐		5 days		☐	
1906109-007A	S-7	Soil	SW8015B (Diesel & Motor Oil)	3	16OZ GJ, Unpres + 2-Encore	☐	6/4/2019 10:40	5 days		☐	
			SW8021B/8015Bm (G/MBTEX)			☐		5 days		☐	
			Asbestos, CARB 435, 400 Point			☐		5 days		☐	
			SW6020 (CAM 17)			☐		5 days		☐	
			SW8270C (Low Level SVOCs) with GPC Cleanup			☐		5 days		☐	
			SW8260B (VOCs, Scan SIM) (Encore)			☐		5 days		☐	
1906109-008A	S-8	Soil	SW8015B (Diesel & Motor Oil)	3	16OZ GJ, Unpres + 2-Encore	☐	6/4/2019 10:45	5 days		☐	
			SW8021B/8015Bm (G/MBTEX)			☐		5 days		☐	
			Asbestos, CARB 435, 400 Point			☐		5 days		☐	
			SW6020 (CAM 17)			☐		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).

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WORK ORDER SUMMARY

Client Name: FARALLON CONSULTING **Project:** 1363-006; Brisbane Quarry **Work Order:** 1906109
Client Contact: Gavin Fisco **QC Level:** LEVEL 2
Contact's Email: gfisco@farallonconsulting.com **Comments:** **Date Logged:** 6/4/2019

☐ WaterTrax ☐ WriteOn ☐ EDF ☑ Excel ☐ EQuIS ☐ 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
1906109-008A	S-8	Soil	SW8270C (Low Level SVOCs) with GPC Cleanup	3	16OZ GJ, Unpres + 2-Encore	☐	6/4/2019 10:45	5 days		☐	
			SW8260B (VOCs, Scan SIM) (Encore)			☐		5 days		☐	
1906109-009A	S-9	Soil	SW8015B (Diesel & Motor Oil)	3	16OZ GJ, Unpres + 2-Encore	☐	6/4/2019 10:50	5 days		☐	
			SW8021B/8015Bm (G/MBTEX)			☐		5 days		☐	
			Asbestos, CARB 435, 400 Point			☐		5 days		☐	
			SW6020 (CAM 17)			☐		5 days		☐	
			SW8270C (Low Level SVOCs) with GPC Cleanup			☐		5 days		☐	
			SW8260B (VOCs, Scan SIM) (Encore)			☐		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).

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General COC

MAI Work Order # 1906109

McCAMPBELL ANALYTICAL, INC.

1534 Willow Pass Rd. Pittsburg, Ca. 94565-1701
Telephone: (877) 252-9262 / Fax: (925) 252-9269
www.mccampbell.com main@mccampbell.com

CHAIN OF CUSTODY RECORD

Turn Around Time:	1 Day Rush		2 Day Rush		3 Day Rush		STD	●	Quote #						
J-Flag / MDL		ESL	●	Cleanup Approved		Dry Weight		Bottle Order #							
Delivery Format:		PDF	●	GeoTracker EDF		EDD	●	Write On (DW)		Detect Summary					

Report To: Gavin Polite Fisco	Bill To: Gavin Polite Fisco		
Company: Farallon Consulting, LLC			
Email: gfisco@farallonconsulting.com			
Alt Email: sallin@farallonconsulting.com	Tele:	510-359-6662	
Project Name: Brisbane Quarry	Project #:	1363-006	
Project Location: 1 Quarry Road, Brisbane, CA	PO #	1363-006	
Sampler Signature:			

Analysis Requested

SAMPLE ID Location / Field Point	Sampling Date	Sampling Time	#Containers	Matrix	Preservative	VOCs by 8260B	SVOCs by 8270C (low-level)	CAM17 Metals by 6020	Asbestos by CARB 435	TPH-MO/D by 8015B	TPH-G/MBTEX by 8020B/8015Bm
S-1	6/4/2019	1010	3	Soil	NA	X	X	X	X	X	X
S-2		1015									
S-3		1020									
S-4		1025									
S-5		1030									
S-6		1035									
S-7		1040									
S-8		1045									
S-9		1050									
S-10											

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.

* If metals are requested for water samples and the water type (Matrix) is not specified on the chain of custody, MAI will default to metals by E200.8.

Please provide an adequate volume of sample. If the volume is not sufficient for a MS/MSD a LCS/LCSD will be prepared in its place and noted in the report.

Comments / Instructions

Relinquished By / Company Name	Date	Time	Received By / Company Name	Date	Time
Farallon Consulting	6/4/2019	1245	LAP	6/4/19	1245
LAP	6/14/19	1615		6/14/19	1615

Matrix Code: DW=Drinking Water, GW=Ground Water, WW=Waste Water, SW=Seawater, S=Soil, SL=Sludge, A=Air, WP=Wipe, O=Other

Preservative Code: 1=4°C 2=HCl 3=H_2SO_4 4=HNO_3 5=NaOH 6=ZnOAc/NaOH 7=None

Temp 3.2 °C Initials

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Sample Receipt Checklist

Client Name:	**Farallon Consulting**	Date and Time Received	**6/4/2019 16:15**
Project:	**1363-006; Brisbane Quarry**	Date Logged:	**6/4/2019**
		Received by:	Kena Ponce
WorkOrder №:	**1906109** Matrix: Soil	Logged by:	Kena Ponce
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	☐		
(Ice Type: WET ICE)						
Sample/Temp Blank temperature	Temp: 3.2°C				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:

McCampbell Analytical, Inc.

"When Quality Counts"

Analytical Report

WorkOrder: 1906A26

Report Created for: Farallon Consulting

180 Grand Avenue, Suite 900
Oakland, CA 94612

Project Contact: Ryan Charney
Project P.O.:
Project: 1363-006; Brisbane Quarry

Project Received: 06/20/2019

Analytical Report reviewed & approved for release on 06/28/2019 by:

Susan Thompson
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.

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Glossary of Terms & Qualifier Definitions

Client: Farallon Consulting
Project: 1363-006; Brisbane Quarry
WorkOrder: 1906A26

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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Glossary of Terms & Qualifier Definitions

Client: Farallon Consulting
Project: 1363-006; Brisbane Quarry
WorkOrder: 1906A26

Analytical Qualifiers

J	Result is less than the RL/ML but greater than the MDL. The reported concentration is an estimated value.
e7	Oil range compounds are significant
k10	CARB 435 Exception 1 - No asbestos detected. The limit of quantitation (LOQ) = 0.25%.

Quality Control Qualifiers

F2	LCS/LCSD recovery and/or RPD/RSD is out of acceptance criteria.
F3	The surrogate standard recovery and/or RPD is outside of acceptance limits.

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Analytical Report

Client:	Farallon Consulting	**WorkOrder:**	1906A26
Date Received:	6/20/19 15:05	**Extraction Method:**	SW5035
Date Prepared:	6/20/19	**Analytical Method:**	SW8260B
Project:	1363-006; Brisbane Quarry	**Unit:**	mg/Kg

Volatile Organics [Encore Sampling]

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
B-1	1906A26-001A	Soil	06/19/2019 09:00	GC38 06251926.D	180048

Analytes	Result	RL	DF	Date Analyzed
Acetone	ND	0.090	1	06/25/2019 23:07
tert-Amyl methyl ether (TAME)	ND	0.0045	1	06/25/2019 23:07
Benzene	ND	0.0045	1	06/25/2019 23:07
Bromobenzene	ND	0.0045	1	06/25/2019 23:07
Bromochloromethane	ND	0.0045	1	06/25/2019 23:07
Bromodichloromethane	ND	0.00090	1	06/25/2019 23:07
Bromoform	ND	0.0045	1	06/25/2019 23:07
Bromomethane	ND	0.0045	1	06/25/2019 23:07
2-Butanone (MEK)	ND	0.018	1	06/25/2019 23:07
t-Butyl alcohol (TBA)	ND	0.045	1	06/25/2019 23:07
n-Butyl benzene	ND	0.0045	1	06/25/2019 23:07
sec-Butyl benzene	ND	0.0045	1	06/25/2019 23:07
tert-Butyl benzene	ND	0.0045	1	06/25/2019 23:07
Carbon Disulfide	ND	0.0045	1	06/25/2019 23:07
Carbon Tetrachloride	ND	0.0045	1	06/25/2019 23:07
Chlorobenzene	ND	0.0045	1	06/25/2019 23:07
Chloroethane	ND	0.0045	1	06/25/2019 23:07
Chloroform	ND	0.0045	1	06/25/2019 23:07
Chloromethane	ND	0.0045	1	06/25/2019 23:07
2-Chlorotoluene	ND	0.0045	1	06/25/2019 23:07
4-Chlorotoluene	ND	0.0045	1	06/25/2019 23:07
Dibromochloromethane	ND	0.0045	1	06/25/2019 23:07
1,2-Dibromo-3-chloropropane	ND	0.00023	1	06/25/2019 23:07
1,2-Dibromoethane (EDB)	ND	0.000090	1	06/25/2019 23:07
Dibromomethane	ND	0.0045	1	06/25/2019 23:07
1,2-Dichlorobenzene	ND	0.0045	1	06/25/2019 23:07
1,3-Dichlorobenzene	ND	0.0045	1	06/25/2019 23:07
1,4-Dichlorobenzene	ND	0.0045	1	06/25/2019 23:07
Dichlorodifluoromethane	ND	0.0045	1	06/25/2019 23:07
1,1-Dichloroethane	ND	0.0045	1	06/25/2019 23:07
1,2-Dichloroethane (1,2-DCA)	ND	0.00023	1	06/25/2019 23:07
1,1-Dichloroethene	ND	0.00023	1	06/25/2019 23:07
cis-1,2-Dichloroethene	ND	0.0045	1	06/25/2019 23:07
trans-1,2-Dichloroethene	ND	0.0045	1	06/25/2019 23:07
1,2-Dichloropropane	ND	0.0045	1	06/25/2019 23:07
1,3-Dichloropropane	ND	0.0045	1	06/25/2019 23:07
2,2-Dichloropropane	ND	0.0045	1	06/25/2019 23:07

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Analytical Report

Client:	Farallon Consulting	**WorkOrder:**	1906A26
Date Received:	6/20/19 15:05	**Extraction Method:**	SW5035
Date Prepared:	6/20/19	**Analytical Method:**	SW8260B
Project:	1363-006; Brisbane Quarry	**Unit:**	mg/Kg

Volatile Organics [Encore Sampling]

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
B-1	1906A26-001A	Soil	06/19/2019 09:00	GC38 06251926.D	180048

Analytes	Result	RL	DF	Date Analyzed
1,1-Dichloropropene	ND	0.0045	1	06/25/2019 23:07
cis-1,3-Dichloropropene	ND	0.0045	1	06/25/2019 23:07
trans-1,3-Dichloropropene	ND	0.0045	1	06/25/2019 23:07
Diisopropyl ether (DIPE)	ND	0.0045	1	06/25/2019 23:07
Ethylbenzene	ND	0.0045	1	06/25/2019 23:07
Ethyl tert-butyl ether (ETBE)	ND	0.0045	1	06/25/2019 23:07
Freon 113	ND	0.0045	1	06/25/2019 23:07
Hexachlorobutadiene	ND	0.0045	1	06/25/2019 23:07
Hexachloroethane	ND	0.0045	1	06/25/2019 23:07
2-Hexanone	ND	0.0045	1	06/25/2019 23:07
Isopropylbenzene	ND	0.0045	1	06/25/2019 23:07
4-Isopropyl toluene	ND	0.0045	1	06/25/2019 23:07
Methyl-t-butyl ether (MTBE)	ND	0.0045	1	06/25/2019 23:07
Methylene chloride	ND	0.0090	1	06/25/2019 23:07
4-Methyl-2-pentanone (MIBK)	ND	0.0045	1	06/25/2019 23:07
Naphthalene	ND	0.0045	1	06/25/2019 23:07
n-Propyl benzene	ND	0.0045	1	06/25/2019 23:07
Styrene	ND	0.0045	1	06/25/2019 23:07
1,1,1,2-Tetrachloroethane	ND	0.0045	1	06/25/2019 23:07
1,1,2,2-Tetrachloroethane	ND	0.00023	1	06/25/2019 23:07
Tetrachloroethene	ND	0.00090	1	06/25/2019 23:07
Toluene	ND	0.0045	1	06/25/2019 23:07
1,2,3-Trichlorobenzene	ND	0.0045	1	06/25/2019 23:07
1,2,4-Trichlorobenzene	ND	0.0045	1	06/25/2019 23:07
1,1,1-Trichloroethane	ND	0.0045	1	06/25/2019 23:07
1,1,2-Trichloroethane	ND	0.0045	1	06/25/2019 23:07
Trichloroethene	ND	0.0045	1	06/25/2019 23:07
Trichlorofluoromethane	ND	0.0045	1	06/25/2019 23:07
1,2,3-Trichloropropane	ND	0.000045	1	06/25/2019 23:07
1,2,4-Trimethylbenzene	ND	0.0045	1	06/25/2019 23:07
1,3,5-Trimethylbenzene	ND	0.0045	1	06/25/2019 23:07
Vinyl Chloride	ND	0.00023	1	06/25/2019 23:07
m,p-Xylene	ND	0.0045	1	06/25/2019 23:07
o-Xylene	ND	0.0045	1	06/25/2019 23:07
Xylenes, Total	ND	0.0045	1	06/25/2019 23:07
1,3-Dichloropropene, Total	ND	0.0045	1	06/25/2019 23:07

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Analytical Report

Client:	Farallon Consulting	**WorkOrder:**	1906A26
Date Received:	6/20/19 15:05	**Extraction Method:**	SW5035
Date Prepared:	6/20/19	**Analytical Method:**	SW8260B
Project:	1363-006; Brisbane Quarry	**Unit:**	mg/Kg

Volatile Organics [Encore Sampling]

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
B-1	**1906A26-001A**	**Soil**	**06/19/2019 09:00**	**GC38 06251926.D**	**180048**

Analytes	Result	RL	DF	Date Analyzed
Surrogates	**REC (%)**	**Limits**		
Dibromofluoromethane	88	71-151		06/25/2019 23:07
Toluene-d8	109	90-150		06/25/2019 23:07
4-BFB	105	83-143		06/25/2019 23:07
Benzene-d6	79	71-118		06/25/2019 23:07
Ethylbenzene-d10	96	79-125		06/25/2019 23:07
1,2-DCB-d4	74	57-112		06/25/2019 23:07

Analyst(s): JEM

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Analytical Report

Client:	Farallon Consulting	**WorkOrder:**	1906A26
Date Received:	6/20/19 15:05	**Extraction Method:**	SW3550B/3640A
Date Prepared:	6/24/19	**Analytical Method:**	SW8270C
Project:	1363-006; Brisbane Quarry	**Unit:**	mg/Kg

Semi-Volatile Organics (Low Level) with GPC Cleanup

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
B-1	1906A26-001A	Soil	06/19/2019 09:00	GC17 06251913.D	180203

Analytes	Result	RL	DF	Date Analyzed
Acenaphthene	ND	0.0013	1	06/25/2019 14:27
Acenaphthylene	ND	0.0013	1	06/25/2019 14:27
Acetochlor	ND	0.25	1	06/25/2019 14:27
Anthracene	ND	0.0013	1	06/25/2019 14:27
Benzidine	ND	1.2	1	06/25/2019 14:27
Benzo (a) anthracene	ND	0.0050	1	06/25/2019 14:27
Benzo (a) pyrene	ND	0.0025	1	06/25/2019 14:27
Benzo (b) fluoranthene	**0.0014**	0.0013	1	06/25/2019 14:27
Benzo (g,h,i) perylene	ND	0.0025	1	06/25/2019 14:27
Benzo (k) fluoranthene	ND	0.0013	1	06/25/2019 14:27
Benzyl Alcohol	ND	1.2	1	06/25/2019 14:27
1,1-Biphenyl	ND	0.013	1	06/25/2019 14:27
Bis (2-chloroethoxy) Methane	ND	0.25	1	06/25/2019 14:27
Bis (2-chloroethyl) Ether	ND	0.0025	1	06/25/2019 14:27
Bis (2-chloroisopropyl) Ether	ND	0.0025	1	06/25/2019 14:27
Bis (2-ethylhexyl) Adipate	ND	0.50	1	06/25/2019 14:27
Bis (2-ethylhexyl) Phthalate	**0.0091**	0.0050	1	06/25/2019 14:27
4-Bromophenyl Phenyl Ether	ND	0.25	1	06/25/2019 14:27
Butylbenzyl Phthalate	ND	0.025	1	06/25/2019 14:27
4-Chloroaniline	ND	0.0025	1	06/25/2019 14:27
4-Chloro-3-methylphenol	ND	0.25	1	06/25/2019 14:27
2-Chloronaphthalene	ND	0.25	1	06/25/2019 14:27
2-Chlorophenol	ND	0.0050	1	06/25/2019 14:27
4-Chlorophenyl Phenyl Ether	ND	0.25	1	06/25/2019 14:27
Chrysene	ND	0.0025	1	06/25/2019 14:27
Dibenzo (a,h) anthracene	ND	0.0025	1	06/25/2019 14:27
Dibenzofuran	ND	0.25	1	06/25/2019 14:27
Di-n-butyl Phthalate	**0.0043**	0.0025	1	06/25/2019 14:27
1,2-Dichlorobenzene	ND	0.25	1	06/25/2019 14:27
1,3-Dichlorobenzene	ND	0.25	1	06/25/2019 14:27
1,4-Dichlorobenzene	ND	0.25	1	06/25/2019 14:27
3,3-Dichlorobenzidine	ND	0.0025	1	06/25/2019 14:27
2,4-Dichlorophenol	ND	0.013	1	06/25/2019 14:27
Diethyl Phthalate	ND	0.0050	1	06/25/2019 14:27
2,4-Dimethylphenol	ND	0.25	1	06/25/2019 14:27
Dimethyl Phthalate	ND	0.0025	1	06/25/2019 14:27
4,6-Dinitro-2-methylphenol	ND	1.2	1	06/25/2019 14:27

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Analytical Report

Client: Farallon Consulting
Date Received: 6/20/19 15:05
Date Prepared: 6/24/19
Project: 1363-006; Brisbane Quarry

WorkOrder: 1906A26
Extraction Method: SW3550B/3640A
Analytical Method: SW8270C
Unit: mg/Kg

Semi-Volatile Organics (Low Level) with GPC Cleanup

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
B-1	1906A26-001A	Soil	06/19/2019 09:00	GC17 06251913.D	180203

Analytes	Result	RL	DF	Date Analyzed
2,4-Dinitrophenol	ND	0.13	1	06/25/2019 14:27
2,4-Dinitrotoluene	ND	0.0063	1	06/25/2019 14:27
2,6-Dinitrotoluene	ND	0.0025	1	06/25/2019 14:27
Di-n-octyl Phthalate	ND	0.0050	1	06/25/2019 14:27
1,2-Diphenylhydrazine	ND	0.25	1	06/25/2019 14:27
Fluoranthene	**0.0035**	0.0013	1	06/25/2019 14:27
Fluorene	ND	0.0025	1	06/25/2019 14:27
Hexachlorobenzene	ND	0.0013	1	06/25/2019 14:27
Hexachlorobutadiene	ND	0.0025	1	06/25/2019 14:27
Hexachlorocyclopentadiene	ND	2.0	1	06/25/2019 14:27
Hexachloroethane	ND	0.0025	1	06/25/2019 14:27
Indeno (1,2,3-cd) pyrene	ND	0.0025	1	06/25/2019 14:27
Isophorone	ND	0.25	1	06/25/2019 14:27
2-Methylnaphthalene	ND	0.0025	1	06/25/2019 14:27
2-Methylphenol (o-Cresol)	ND	0.50	1	06/25/2019 14:27
3 & 4-Methylphenol (m,p-Cresol)	ND	0.25	1	06/25/2019 14:27
Naphthalene	ND	0.0013	1	06/25/2019 14:27
2-Nitroaniline	ND	1.2	1	06/25/2019 14:27
3-Nitroaniline	ND	1.2	1	06/25/2019 14:27
4-Nitroaniline	ND	1.2	1	06/25/2019 14:27
Nitrobenzene	ND	0.25	1	06/25/2019 14:27
2-Nitrophenol	ND	1.2	1	06/25/2019 14:27
4-Nitrophenol	ND	1.2	1	06/25/2019 14:27
N-Nitrosodiphenylamine	ND	0.25	1	06/25/2019 14:27
N-Nitrosodi-n-propylamine	ND	0.25	1	06/25/2019 14:27
Pentachlorophenol	ND	0.031	1	06/25/2019 14:27
Phenanthrene	ND	0.0050	1	06/25/2019 14:27
Phenol	ND	0.0050	1	06/25/2019 14:27
Pyrene	**0.0038**	0.0025	1	06/25/2019 14:27
Pyridine	ND	0.25	1	06/25/2019 14:27
1,2,4-Trichlorobenzene	ND	0.25	1	06/25/2019 14:27
2,4,5-Trichlorophenol	ND	0.0025	1	06/25/2019 14:27
2,4,6-Trichlorophenol	ND	0.013	1	06/25/2019 14:27

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Analytical Report

Client:	Farallon Consulting	**WorkOrder:**	1906A26
Date Received:	6/20/19 15:05	**Extraction Method:**	SW3550B/3640A
Date Prepared:	6/24/19	**Analytical Method:**	SW8270C
Project:	1363-006; Brisbane Quarry	**Unit:**	mg/Kg

Semi-Volatile Organics (Low Level) with GPC Cleanup

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
B-1	**1906A26-001A**	**Soil**	**06/19/2019 09:00**	**GC17 06251913.D**	**180203**

Analytes	Result	RL	DF	Date Analyzed
Surrogates	**REC (%)**	**Limits**		
2-Fluorophenol	105	30-167		06/25/2019 14:27
Phenol-d5	105	58-149		06/25/2019 14:27
Nitrobenzene-d5	104	54-137		06/25/2019 14:27
2-Fluorobiphenyl	84	59-113		06/25/2019 14:27
2,4,6-Tribromophenol	81	21-171		06/25/2019 14:27
4-Terphenyl-d14	96	65-126		06/25/2019 14:27

Analyst(s): REB

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Analytical Report

Client:	Farallon Consulting	**WorkOrder:**	1906A26
Date Received:	6/20/19 15:05	**Extraction Method:**	SW3050B
Date Prepared:	6/20/19	**Analytical Method:**	SW6020
Project:	1363-006; Brisbane Quarry	**Unit:**	mg/Kg

CAM / CCR 17 Metals

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
B-1	**1906A26-001A**	**Soil**	**06/19/2019 09:00**	**ICP-MS3 170SMPL.D**	**179987**

Analytes	Result	RL	DF	Date Analyzed
Antimony	**1.3**	0.50	1	06/21/2019 12:50
Arsenic	**11**	0.50	1	06/21/2019 12:50
Barium	**120**	5.0	1	06/21/2019 12:50
Beryllium	**0.56**	0.50	1	06/21/2019 12:50
Cadmium	ND	0.25	1	06/21/2019 12:50
Chromium	**67**	0.50	1	06/21/2019 12:50
Cobalt	**15**	0.50	1	06/21/2019 12:50
Copper	**36**	0.50	1	06/21/2019 12:50
Lead	**8.1**	0.50	1	06/21/2019 12:50
Mercury	**0.050**	0.050	1	06/21/2019 12:50
Molybdenum	**1.0**	0.50	1	06/21/2019 12:50
Nickel	**52**	0.50	1	06/21/2019 12:50
Selenium	ND	0.50	1	06/21/2019 12:50
Silver	ND	0.50	1	06/21/2019 12:50
Thallium	ND	0.50	1	06/21/2019 12:50
Vanadium	**64**	0.50	1	06/21/2019 12:50
Zinc	**65**	5.0	1	06/21/2019 12:50

Surrogates	REC (%)	Limits	
Terbium	106	70-130	06/21/2019 12:50

Analyst(s): ND

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Analytical Report

Client:	Farallon Consulting	**WorkOrder:**	1906A26
Date Received:	6/20/19 15:05	**Extraction Method:**	CARB 435 Asbestos
Date Prepared:	6/26/19	**Analytical Method:**	435 CARB
Project:	1363-006; Brisbane Quarry	**Unit:**	%

Asbestos (CARB 435) 400 Point Count

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
B-1	**1906A26-001A**	**Soil**	**06/19/2019 09:00**	**Microscope**	**180498**

Analytes	Result	RL	DF	Date Analyzed
Asbestos	ND	NA	1	06/27/2019 18:20

Analyst(s): DA

Analytical Comments: k10

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Analytical Report

Client:	Farallon Consulting	**WorkOrder:**	1906A26
Date Received:	6/20/19 15:05	**Extraction Method:**	SW5035
Date Prepared:	6/20/19	**Analytical Method:**	SW8021B/8015Bm
Project:	1363-006; Brisbane Quarry	**Unit:**	mg/Kg

Gasoline Range (C6-C12) Volatile Hydrocarbons as Gasoline with BTEX and MTBE

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
B-1	**1906A26-001A**	**Soil**	**06/19/2019 09:00**	**GC7 06221909.D**	**180002**

Analytes	Result	RL	DF	Date Analyzed
TPH(g) (C6-C12)	ND	1.0	1	06/22/2019 14:30
MTBE	ND	0.050	1	06/22/2019 14:30
Benzene	ND	0.0050	1	06/22/2019 14:30
Toluene	ND	0.0050	1	06/22/2019 14:30
Ethylbenzene	ND	0.0050	1	06/22/2019 14:30
m,p-Xylene	ND	0.010	1	06/22/2019 14:30
o-Xylene	ND	0.0050	1	06/22/2019 14:30
Xylenes	ND	0.0050	1	06/22/2019 14:30

Surrogates	REC (%)	Limits	
2-Fluorotoluene	72	62-126	06/22/2019 14:30

Analyst(s): IA

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Analytical Report

Client:	Farallon Consulting	**WorkOrder:**	1906A26
Date Received:	6/20/19 15:05	**Extraction Method:**	SW3550B
Date Prepared:	6/20/19	**Analytical Method:**	SW8015B
Project:	1363-006; Brisbane Quarry	**Unit:**	mg/Kg

Total Extractable Petroleum Hydrocarbons w/out SG Clean-Up

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
B-1	**1906A26-001A**	**Soil**	**06/19/2019 09:00**	**GC9b 06261915.D**	**180003**

Analytes	Result	RL	DF	Date Analyzed
TPH-Diesel (C10-C23)	ND	1.0	1	06/26/2019 18:03
TPH-Motor Oil (C18-C36)	**13**	5.0	1	06/26/2019 18:03

Surrogates	REC (%)	Limits	
C9	97	74-123	06/26/2019 18:03

Analyst(s): JIS Analytical Comments: e7

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Quality Control Report

Client:	Farallon Consulting	**WorkOrder:**	1906A26
Date Prepared:	6/20/19	**BatchID:**	180048
Date Analyzed:	6/22/19 - 6/23/19	**Extraction Method:**	SW5035
Instrument:	GC16	**Analytical Method:**	SW8260B
Matrix:	Soil	**Unit:**	mg/Kg
Project:	1363-006; Brisbane Quarry	**Sample ID:**	MB/LCS/LCSD-180048

QC Summary Report for SW8260B

Analyte	MB Result	MDL	RL	SPK Val	MB SS %REC	MB SS Limits
Acetone	ND	0.13	0.20	-	-	-
tert-Amyl methyl ether (TAME)	ND	0.0016	0.010	-	-	-
Benzene	ND	0.0020	0.010	-	-	-
Bromobenzene	ND	0.0024	0.010	-	-	-
Bromochloromethane	ND	0.0022	0.010	-	-	-
Bromodichloromethane	ND	0.00056	0.0020	-	-	-
Bromoform	ND	0.0034	0.010	-	-	-
Bromomethane	ND	0.0036	0.010	-	-	-
2-Butanone (MEK)	ND	0.022	0.040	-	-	-
t-Butyl alcohol (TBA)	ND	0.064	0.10	-	-	-
n-Butyl benzene	ND	0.0042	0.010	-	-	-
sec-Butyl benzene	ND	0.0034	0.010	-	-	-
tert-Butyl benzene	ND	0.0026	0.010	-	-	-
Carbon Disulfide	ND	0.0060	0.010	-	-	-
Carbon Tetrachloride	ND	0.0018	0.010	-	-	-
Chlorobenzene	ND	0.0017	0.010	-	-	-
Chloroethane	ND	0.0040	0.010	-	-	-
Chloroform	ND	0.00022	0.010	-	-	-
Chloromethane	ND	0.0052	0.010	-	-	-
2-Chlorotoluene	ND	0.0032	0.010	-	-	-
4-Chlorotoluene	ND	0.0024	0.010	-	-	-
Dibromochloromethane	ND	0.00038	0.010	-	-	-
1,2-Dibromo-3-chloropropane	ND	0.00032	0.00050	-	-	-
1,2-Dibromoethane (EDB)	ND	0.000068	0.00020	-	-	-
Dibromomethane	ND	0.0016	0.010	-	-	-
1,2-Dichlorobenzene	ND	0.0022	0.010	-	-	-
1,3-Dichlorobenzene	ND	0.0020	0.010	-	-	-
1,4-Dichlorobenzene	ND	0.0017	0.010	-	-	-
Dichlorodifluoromethane	ND	0.0026	0.010	-	-	-
1,1-Dichloroethane	ND	0.0018	0.010	-	-	-
1,2-Dichloroethane (1,2-DCA)	ND	0.00017	0.00050	-	-	-
1,1-Dichloroethene	ND	0.000056	0.00050	-	-	-
cis-1,2-Dichloroethene	ND	0.0017	0.010	-	-	-
trans-1,2-Dichloroethene	ND	0.0022	0.010	-	-	-
1,2-Dichloropropane	ND	0.0016	0.010	-	-	-
1,3-Dichloropropane	ND	0.0014	0.010	-	-	-
2,2-Dichloropropane	ND	0.0038	0.010	-	-	-
1,1-Dichloropropene	ND	0.0017	0.010	-	-	-

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Quality Control Report

Client:	Farallon Consulting	**WorkOrder:**	1906A26
Date Prepared:	6/20/19	**BatchID:**	180048
Date Analyzed:	6/22/19 - 6/23/19	**Extraction Method:**	SW5035
Instrument:	GC16	**Analytical Method:**	SW8260B
Matrix:	Soil	**Unit:**	mg/Kg
Project:	1363-006; Brisbane Quarry	**Sample ID:**	MB/LCS/LCSD-180048

QC Summary Report for SW8260B

Analyte	MB Result	MDL	RL	SPK Val	MB SS %REC	MB SS Limits
cis-1,3-Dichloropropene	ND	0.0034	0.010	-	-	-
trans-1,3-Dichloropropene	ND	0.0040	0.010	-	-	-
Diisopropyl ether (DIPE)	ND	0.0022	0.010	-	-	-
Ethylbenzene	ND	0.0019	0.010	-	-	-
Ethyl tert-butyl ether (ETBE)	ND	0.0022	0.010	-	-	-
Freon 113	ND	0.0022	0.010	-	-	-
Hexachlorobutadiene	ND	0.0046	0.010	-	-	-
Hexachloroethane	ND	0.0028	0.010	-	-	-
2-Hexanone	ND	0.0062	0.010	-	-	-
Isopropylbenzene	ND	0.0034	0.010	-	-	-
4-Isopropyl toluene	ND	0.0030	0.010	-	-	-
Methyl-t-butyl ether (MTBE)	ND	0.0034	0.010	-	-	-
Methylene chloride	ND	0.016	0.020	-	-	-
4-Methyl-2-pentanone (MIBK)	ND	0.0058	0.010	-	-	-
Naphthalene	ND	0.0072	0.010	-	-	-
n-Propyl benzene	ND	0.0032	0.010	-	-	-
Styrene	ND	0.0054	0.010	-	-	-
1,1,1,2-Tetrachloroethane	ND	0.0018	0.010	-	-	-
1,1,2,2-Tetrachloroethane	0.00018,J	0.000087	0.00050	-	-	-
Tetrachloroethene	ND	0.00040	0.0020	-	-	-
Toluene	ND	0.0032	0.010	-	-	-
1,2,3-Trichlorobenzene	ND	0.0074	0.010	-	-	-
1,2,4-Trichlorobenzene	ND	0.0036	0.010	-	-	-
1,1,1-Trichloroethane	ND	0.0017	0.010	-	-	-
1,1,2-Trichloroethane	ND	0.0013	0.010	-	-	-
Trichloroethene	ND	0.0032	0.010	-	-	-
Trichlorofluoromethane	ND	0.0028	0.010	-	-	-
1,2,3-Trichloropropane	ND	0.000084	0.00010	-	-	-
1,2,4-Trimethylbenzene	ND	0.0030	0.010	-	-	-
1,3,5-Trimethylbenzene	ND	0.0032	0.010	-	-	-
Vinyl Chloride	ND	0.00011	0.00050	-	-	-
m,p-Xylene	ND	0.0046	0.010	-	-	-
o-Xylene	ND	0.0015	0.010	-	-	-

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Quality Control Report

Client:	Farallon Consulting	**WorkOrder:**	1906A26
Date Prepared:	6/20/19	**BatchID:**	180048
Date Analyzed:	6/22/19 - 6/23/19	**Extraction Method:**	SW5035
Instrument:	GC16	**Analytical Method:**	SW8260B
Matrix:	Soil	**Unit:**	mg/Kg
Project:	1363-006; Brisbane Quarry	**Sample ID:**	MB/LCS/LCSD-180048

QC Summary Report for SW8260B

Analyte	MB Result	MDL	RL	SPK Val	MB SS %REC	MB SS Limits
Surrogate Recovery						
Dibromofluoromethane	0.23			0.25	91	85-129
Toluene-d8	0.31			0.25	122	98-136
4-BFB	0.022			0.025	88	83-137
Benzene-d6	0.19			0.20	96	67-135
Ethylbenzene-d10	0.26			0.20	130	81-152
1,2-DCB-d4	0.16			0.20	79	61-112

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Quality Control Report

Client:	Farallon Consulting	**WorkOrder:**	1906A26
Date Prepared:	6/20/19	**BatchID:**	180048
Date Analyzed:	6/22/19 - 6/23/19	**Extraction Method:**	SW5035
Instrument:	GC16	**Analytical Method:**	SW8260B
Matrix:	Soil	**Unit:**	mg/Kg
Project:	1363-006; Brisbane Quarry	**Sample ID:**	MB/LCS/LCSD-180048

QC Summary Report for SW8260B

Analyte	LCS Result	LCSD Result	SPK Val	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Limit
Acetone	0.40	0.40	0.80	50, F2	50, F2	65-143	0	20
tert-Amyl methyl ether (TAME)	0.028	0.028	0.040	70	71	55-119	1.37	20
Benzene	0.036	0.036	0.040	90	90	64-131	0	20
Bromobenzene	0.035	0.034	0.040	88	85	66-132	2.75	20
Bromochloromethane	0.032	0.033	0.040	81	82	66-123	1.14	20
Bromodichloromethane	0.028	0.028	0.040	71	71	63-121	0	20
Bromoform	0.022	0.021	0.040	55	52	50-92	4.26	20
Bromomethane	0.029	0.028	0.040	72	71	42-146	1.33	20
2-Butanone (MEK)	0.13	0.13	0.16	81	84	59-127	4.29	20
t-Butyl alcohol (TBA)	0.11	0.12	0.16	68	74	54-132	7.66	20
n-Butyl benzene	0.054	0.054	0.040	136	136	91-188	0	20
sec-Butyl benzene	0.050	0.049	0.040	124	122	89-186	2.24	20
tert-Butyl benzene	0.042	0.041	0.040	106	103	83-180	3.55	20
Carbon Disulfide	0.038	0.036	0.040	95	91	59-149	4.03	20
Carbon Tetrachloride	0.034	0.034	0.040	86	85	66-139	0.519	20
Chlorobenzene	0.035	0.033	0.040	86	84	65-127	3.26	20
Chloroethane	0.038	0.037	0.040	95	93	41-142	2.16	20
Chloroform	0.033	0.033	0.040	82	82	73-124	0	20
Chloromethane	0.039	0.037	0.040	98	92	28-144	6.32	20
2-Chlorotoluene	0.041	0.040	0.040	103	99	76-152	3.40	20
4-Chlorotoluene	0.039	0.038	0.040	98	94	71-148	4.02	20
Dibromochloromethane	0.027	0.027	0.040	67	68	63-105	0.450	20
1,2-Dibromo-3-chloropropane	0.014	0.013	0.020	70	67	42-115	3.96	20
1,2-Dibromoethane (EDB)	0.016	0.016	0.020	80	80	66-126	0	20
Dibromomethane	0.030	0.030	0.040	76	75	63-116	1.42	20
1,2-Dichlorobenzene	0.031	0.030	0.040	78	75	59-107	3.47	20
1,3-Dichlorobenzene	0.039	0.038	0.040	96	94	74-131	2.00	20
1,4-Dichlorobenzene	0.036	0.035	0.040	90	88	67-125	2.35	20
Dichlorodifluoromethane	0.018	0.017	0.040	45	43	9-81	4.06	20
1,1-Dichloroethane	0.036	0.035	0.040	89	88	71-129	0.624	20
1,2-Dichloroethane (1,2-DCA)	0.030	0.030	0.040	75	75	66-122	0	20
1,1-Dichloroethene	0.036	0.035	0.040	89	87	59-134	1.79	20
cis-1,2-Dichloroethene	0.035	0.035	0.040	88	86	63-135	1.78	20
trans-1,2-Dichloroethene	0.035	0.035	0.040	89	87	54-140	2.24	20
1,2-Dichloropropane	0.033	0.033	0.040	83	83	65-127	0	20
1,3-Dichloropropane	0.033	0.033	0.040	83	83	62-135	0	20
2,2-Dichloropropane	0.038	0.037	0.040	94	93	69-145	0.784	20
1,1-Dichloropropene	0.036	0.036	0.040	90	89	66-138	0.928	20

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Quality Control Report

Client:	Farallon Consulting	**WorkOrder:**	1906A26
Date Prepared:	6/20/19	**BatchID:**	180048
Date Analyzed:	6/22/19 - 6/23/19	**Extraction Method:**	SW5035
Instrument:	GC16	**Analytical Method:**	SW8260B
Matrix:	Soil	**Unit:**	mg/Kg
Project:	1363-006; Brisbane Quarry	**Sample ID:**	MB/LCS/LCSD-180048

QC Summary Report for SW8260B

Analyte	LCS Result	LCSD Result	SPK Val	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Limit
cis-1,3-Dichloropropene	0.034	0.034	0.040	84	84	65-141	0	20
trans-1,3-Dichloropropene	0.033	0.033	0.040	83	83	66-126	0	20
Diisopropyl ether (DIPE)	0.033	0.034	0.040	84	84	70-119	0	20
Ethylbenzene	0.037	0.036	0.040	94	90	79-138	3.58	20
Ethyl tert-butyl ether (ETBE)	0.031	0.032	0.040	78	80	69-119	2.44	20
Freon 113	0.031	0.031	0.040	78	78	50-122	0	20
Hexachlorobutadiene	0.045	0.044	0.040	111	110	81-188	1.56	20
Hexachloroethane	0.039	0.038	0.040	97	94	78-155	2.40	20
2-Hexanone	0.034	0.034	0.040	84	85	48-107	0.102	20
Isopropylbenzene	0.048	0.046	0.040	119	115	71-169	3.21	20
4-Isopropyl toluene	0.046	0.046	0.040	116	115	88-172	0.610	20
Methyl-t-butyl ether (MTBE)	0.027	0.031	0.040	67	78	63-121	14.7	20
Methylene chloride	0.030	0.029	0.040	74	72	62-133	2.15	20
4-Methyl-2-pentanone (MIBK)	0.028	0.029	0.040	69	72	50-109	3.32	20
Naphthalene	0.022	0.019	0.040	56	48	29-69	15.2	20
n-Propyl benzene	0.045	0.044	0.040	112	109	81-181	2.80	20
Styrene	0.031	0.030	0.040	77	75	62-129	3.87	20
1,1,1,2-Tetrachloroethane	0.031	0.031	0.040	77	78	74-130	0.756	20
1,1,2,2-Tetrachloroethane	0.024	0.023	0.040	61	57	42-126	7.57	20
Tetrachloroethene	0.037	0.037	0.040	92	92	72-153	0	20
Toluene	0.037	0.036	0.040	92	90	70-140	1.99	20
1,2,3-Trichlorobenzene	0.024	0.022	0.040	60	54	33-87	11.3	20
1,2,4-Trichlorobenzene	0.029	0.028	0.040	71	69	46-109	2.79	20
1,1,1-Trichloroethane	0.034	0.033	0.040	85	84	72-135	1.85	20
1,1,2-Trichloroethane	0.031	0.032	0.040	78	79	60-130	0.951	20
Trichloroethene	0.041	0.042	0.040	102	106	57-146	3.37	20
Trichlorofluoromethane	0.032	0.031	0.040	80	79	52-130	1.45	20
1,2,3-Trichloropropane	0.019	0.018	0.020	93	92	65-130	1.03	20
1,2,4-Trimethylbenzene	0.044	0.044	0.040	109	111	83-156	1.70	20
1,3,5-Trimethylbenzene	0.046	0.046	0.040	115	115	86-167	0	20
Vinyl Chloride	0.018	0.017	0.020	89	86	33-141	3.37	20
m,p-Xylene	0.069	0.067	0.080	87	84	70-141	2.87	20
o-Xylene	0.032	0.031	0.040	79	77	74-130	2.65	20

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Quality Control Report

Client:	Farallon Consulting	**WorkOrder:**	1906A26
Date Prepared:	6/20/19	**BatchID:**	180048
Date Analyzed:	6/22/19 - 6/23/19	**Extraction Method:**	SW5035
Instrument:	GC16	**Analytical Method:**	SW8260B
Matrix:	Soil	**Unit:**	mg/Kg
Project:	1363-006; Brisbane Quarry	**Sample ID:**	MB/LCS/LCSD-180048

QC Summary Report for SW8260B

Analyte	LCS Result	LCSD Result	SPK Val	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Limit
Surrogate Recovery								
Dibromofluoromethane	0.23	0.24	0.25	93	94	85-129	1.42	20
Toluene-d8	0.29	0.29	0.25	117	117	98-136	0	20
4-BFB	0.022	0.022	0.025	87	86	83-137	0.656	20
Benzene-d6	0.20	0.20	0.20	98	98	67-135	0	20
Ethylbenzene-d10	0.26	0.25	0.20	129	125	81-152	3.13	20
1,2-DCB-d4	0.16	0.16	0.20	82	80	61-112	1.81	20

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Quality Control Report

Client:	Farallon Consulting	**WorkOrder:**	1906A26
Date Prepared:	6/24/19	**BatchID:**	180203
Date Analyzed:	6/24/19 - 6/25/19	**Extraction Method:**	SW3550B/3640A
Instrument:	GC17, GC21	**Analytical Method:**	SW8270C
Matrix:	Soil	**Unit:**	mg/Kg
Project:	1363-006; Brisbane Quarry	**Sample ID:**	MB/LCS/LCSD-180203

QC Summary Report for SW8270C (Low Level) w/ GPC

Analyte	MB Result	MDL	RL	SPK Val	MB SS %REC	MB SS Limits
Benzoic Acid	ND	0.96	1.2	-	-	-
Acenaphthene	ND	0.0012	0.0013	-	-	-
Acenaphthylene	ND	0.0012	0.0013	-	-	-
Acetochlor	ND	0.16	0.25	-	-	-
Anthracene	ND	0.00096	0.0013	-	-	-
Benzidine	ND	0.72	1.2	-	-	-
Benzo (a) anthracene	ND	0.0044	0.0050	-	-	-
Benzo (a) pyrene	ND	0.0011	0.0025	-	-	-
Benzo (b) fluoranthene	ND	0.0012	0.0013	-	-	-
Benzo (g,h,i) perylene	ND	0.0010	0.0025	-	-	-
Benzo (k) fluoranthene	0.0012,J	0.0010	0.0013	-	-	-
Benzyl Alcohol	ND	1.2	1.2	-	-	-
1,1-Biphenyl	0.0038,J	0.0026	0.013	-	-	-
Bis (2-chloroethoxy) Methane	ND	0.16	0.25	-	-	-
Bis (2-chloroethyl) Ether	ND	0.0019	0.0025	-	-	-
Bis (2-chloroisopropyl) Ether	ND	0.0018	0.0025	-	-	-
Bis (2-ethylhexyl) Adipate	ND	0.23	0.50	-	-	-
Bis (2-ethylhexyl) Phthalate	ND	0.0045	0.0050	-	-	-
4-Bromophenyl Phenyl Ether	ND	0.16	0.25	-	-	-
Butylbenzyl Phthalate	ND	0.023	0.025	-	-	-
4-Chloroaniline	ND	0.0016	0.0025	-	-	-
4-Chloro-3-methylphenol	ND	0.16	0.25	-	-	-
2-Chloronaphthalene	ND	0.20	0.25	-	-	-
2-Chlorophenol	ND	0.0026	0.0050	-	-	-
4-Chlorophenyl Phenyl Ether	ND	0.18	0.25	-	-	-
Chrysene	0.0012,J	0.00098	0.0025	-	-	-
Dibenzo (a,h) anthracene	ND	0.0011	0.0025	-	-	-
Dibenzofuran	ND	0.18	0.25	-	-	-
Di-n-butyl Phthalate	ND	0.0018	0.0025	-	-	-
1,2-Dichlorobenzene	ND	0.13	0.25	-	-	-
1,3-Dichlorobenzene	ND	0.15	0.25	-	-	-
1,4-Dichlorobenzene	ND	0.15	0.25	-	-	-
3,3-Dichlorobenzidine	ND	0.00096	0.0025	-	-	-
2,4-Dichlorophenol	ND	0.0017	0.013	-	-	-
Diethyl Phthalate	ND	0.0023	0.0050	-	-	-
2,4-Dimethylphenol	ND	0.19	0.25	-	-	-
Dimethyl Phthalate	ND	0.0024	0.0025	-	-	-
4,6-Dinitro-2-methylphenol	ND	0.77	1.2	-	-	-

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Quality Control Report

Client:	Farallon Consulting	**WorkOrder:**	1906A26
Date Prepared:	6/24/19	**BatchID:**	180203
Date Analyzed:	6/24/19 - 6/25/19	**Extraction Method:**	SW3550B/3640A
Instrument:	GC17, GC21	**Analytical Method:**	SW8270C
Matrix:	Soil	**Unit:**	mg/Kg
Project:	1363-006; Brisbane Quarry	**Sample ID:**	MB/LCS/LCSD-180203

QC Summary Report for SW8270C (Low Level) w/ GPC

Analyte	MB Result	MDL	RL	SPK Val	MB SS %REC	MB SS Limits
2,4-Dinitrophenol	ND	0.058	0.13	-	-	-
2,4-Dinitrotoluene	ND	0.0011	0.0063	-	-	-
2,6-Dinitrotoluene	ND	0.0019	0.0025	-	-	-
Di-n-octyl Phthalate	ND	0.0032	0.0050	-	-	-
1,2-Diphenylhydrazine	ND	0.20	0.25	-	-	-
Fluoranthene	ND	0.0011	0.0013	-	-	-
Fluorene	ND	0.0019	0.0025	-	-	-
Hexachlorobenzene	ND	0.0013	0.0013	-	-	-
Hexachlorobutadiene	ND	0.0017	0.0025	-	-	-
Hexachlorocyclopentadiene	ND	0.13	2.0	-	-	-
Hexachloroethane	ND	0.0012	0.0025	-	-	-
Indeno (1,2,3-cd) pyrene	ND	0.0010	0.0025	-	-	-
Isophorone	ND	0.14	0.25	-	-	-
2-Methylnaphthalene	ND	0.0018	0.0025	-	-	-
2-Methylphenol (o-Cresol)	ND	0.21	0.50	-	-	-
3 & 4-Methylphenol (m,p-Cresol)	ND	0.17	0.25	-	-	-
Naphthalene	ND	0.0013	0.0013	-	-	-
2-Nitroaniline	ND	1.1	1.2	-	-	-
3-Nitroaniline	ND	0.82	1.2	-	-	-
4-Nitroaniline	ND	0.98	1.2	-	-	-
Nitrobenzene	ND	0.15	0.25	-	-	-
2-Nitrophenol	ND	1.1	1.2	-	-	-
4-Nitrophenol	ND	1.2	1.2	-	-	-
N-Nitrosodimethylamine	ND	0.73	1.2	-	-	-
N-Nitrosodiphenylamine	ND	0.18	0.25	-	-	-
N-Nitrosodi-n-propylamine	ND	0.23	0.25	-	-	-
Pentachlorophenol	ND	0.011	0.031	-	-	-
Phenanthrene	ND	0.0011	0.0050	-	-	-
Phenol	ND	0.0016	0.0050	-	-	-
Pyrene	ND	0.0012	0.0025	-	-	-
Pyridine	ND	0.16	0.25	-	-	-
1,2,4-Trichlorobenzene	ND	0.15	0.25	-	-	-
2,4,5-Trichlorophenol	ND	0.0019	0.0025	-	-	-
2,4,6-Trichlorophenol	ND	0.0012	0.013	-	-	-

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Quality Control Report

Client:	Farallon Consulting	**WorkOrder:**	1906A26
Date Prepared:	6/24/19	**BatchID:**	180203
Date Analyzed:	6/24/19 - 6/25/19	**Extraction Method:**	SW3550B/3640A
Instrument:	GC17, GC21	**Analytical Method:**	SW8270C
Matrix:	Soil	**Unit:**	mg/Kg
Project:	1363-006; Brisbane Quarry	**Sample ID:**	MB/LCS/LCSD-180203

QC Summary Report for SW8270C (Low Level) w/ GPC

Analyte	MB Result	MDL	RL	SPK Val	MB SS %REC	MB SS Limits
Surrogate Recovery						
2-Fluorophenol	2.3			2.5	92	71-114
Phenol-d5	2.2			2.5	89	72-121
Nitrobenzene-d5	2.1			2.5	86	70-134
2-Fluorobiphenyl	2.1			2.5	83	69-118
2,4,6-Tribromophenol	1.8			2.5	70	53-139
4-Terphenyl-d14	2.1			2.5	83	69-128

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Quality Control Report

Client:	Farallon Consulting	**WorkOrder:**	1906A26
Date Prepared:	6/24/19	**BatchID:**	180203
Date Analyzed:	6/24/19 - 6/25/19	**Extraction Method:**	SW3550B/3640A
Instrument:	GC17, GC21	**Analytical Method:**	SW8270C
Matrix:	Soil	**Unit:**	mg/Kg
Project:	1363-006; Brisbane Quarry	**Sample ID:**	MB/LCS/LCSD-180203

QC Summary Report for SW8270C (Low Level) w/ GPC

Analyte	LCS Result	LCSD Result	SPK Val	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Limit
Acenaphthene	0.12	0.11	0.12	98	91	83-119	7.18	30
Acenaphthylene	0.12	0.12	0.12	99	93	80-123	6.98	30
Anthracene	0.12	0.11	0.12	93	89	84-130	4.34	30
Benzidine	3.1	3.1	12.5	25, F2	25, F2	35-76	0	30
Benzo (a) anthracene	0.11	0.10	0.12	85	81	81-123	4.74	30
Benzo (a) pyrene	0.12	0.12	0.12	96	98	83-137	2.80	30
Benzo (b) fluoranthene	0.12	0.12	0.12	94	98	84-137	3.50	30
Benzo (g,h,i) perylene	0.10	0.11	0.12	83	87	74-133	3.60	30
Benzo (k) fluoranthene	0.12	0.12	0.12	93	95	78-131	2.24	30
Benzyl Alcohol	13	13	12.5	104	108	71-125	3.95	30
Bis (2-chloroethoxy) Methane	2.5	2.5	2.5	99	101	89-126	1.89	30
Bis (2-chloroethyl) Ether	0.11	0.12	0.12	90	93	77-112	3.93	30
Bis (2-chloroisopropyl) Ether	0.12	0.13	0.12	97	106	77-127	8.81	30
Bis (2-ethylhexyl) Adipate	2.6	2.5	2.5	103	101	69-155	1.95	30
Bis (2-ethylhexyl) Phthalate	0.13	0.12	0.12	100	97	81-148	2.78	30
4-Bromophenyl Phenyl Ether	2.4	2.4	2.5	95	94	80-121	0.700	30
Butylbenzyl Phthalate	0.13	0.12	0.12	101	97	82-141	3.77	30
4-Chloroaniline	0.099	0.10	0.12	79	80	65-120	1.51	30
4-Chloro-3-methylphenol	2.6	2.6	2.5	105	105	94-132	0	30
2-Chloronaphthalene	2.5	2.3	2.5	101	93	77-127	8.65	30
2-Chlorophenol	0.12	0.13	0.12	99	104	83-117	5.26	30
4-Chlorophenyl Phenyl Ether	2.3	2.2	2.5	92	87	83-125	5.85	30
Chrysene	0.11	0.11	0.12	91	87	81-127	4.69	30
Dibenzo (a,h) anthracene	0.11	0.11	0.12	90	91	74-145	1.85	30
Dibenzofuran	2.5	2.3	2.5	100	92	81-120	8.94	30
Di-n-butyl Phthalate	0.12	0.11	0.12	93	89	87-134	4.76	30
1,2-Dichlorobenzene	2.1	2.2	2.5	84	88	76-104	4.50	30
1,3-Dichlorobenzene	2.2	2.3	2.5	89	90	72-106	1.73	30
1,4-Dichlorobenzene	2.0	2.1	2.5	81	83	75-109	3.54	30
3,3-Dichlorobenzidine	0.085	0.084	0.12	68	67	44-130	1.28	30
2,4-Dichlorophenol	2.5	2.5	2.5	100	100	83-135	0	30
Diethyl Phthalate	0.13	0.12	0.12	103	95	88-126	7.60	30
2,4-Dimethylphenol	2.7	2.7	2.5	107	108	76-139	0.503	30
Dimethyl Phthalate	0.12	0.11	0.12	100	92	86-123	8.09	30
4,6-Dinitro-2-methylphenol	12	12	12.5	95	93	74-127	1.69	30
2,4-Dinitrophenol	0.46	0.45	0.62	74	71	43-125	3.96	30
2,4-Dinitrotoluene	0.14	0.13	0.12	111	105	28-166	5.70	30
2,6-Dinitrotoluene	0.14	0.13	0.12	113	105	85-137	7.59	30

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Quality Control Report

Client:	Farallon Consulting	**WorkOrder:**	1906A26
Date Prepared:	6/24/19	**BatchID:**	180203
Date Analyzed:	6/24/19 - 6/25/19	**Extraction Method:**	SW3550B/3640A
Instrument:	GC17, GC21	**Analytical Method:**	SW8270C
Matrix:	Soil	**Unit:**	mg/Kg
Project:	1363-006; Brisbane Quarry	**Sample ID:**	MB/LCS/LCSD-180203

QC Summary Report for SW8270C (Low Level) w/ GPC

Analyte	LCS Result	LCSD Result	SPK Val	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Limit
Di-n-octyl Phthalate	0.14	0.14	0.12	109	115	75-153	6.06	30
1,2-Diphenylhydrazine	2.4	2.2	2.5	95	89	82-133	6.77	30
Fluoranthene	0.12	0.11	0.12	93	87	84-136	6.94	30
Fluorene	0.13	0.12	0.12	106	100	71-144	5.96	30
Hexachlorobenzene	0.11	0.10	0.12	86	83	79-116	3.61	30
Hexachlorobutadiene	0.12	0.12	0.12	94	94	80-122	0	30
Hexachlorocyclopentadiene	11	10	12.5	88	83	57-112	6.02	30
Hexachloroethane	0.11	0.11	0.12	87	90	70-106	4.27	30
Indeno (1,2,3-cd) pyrene	0.11	0.11	0.12	88	89	75-139	2.04	30
Isophorone	2.5	2.4	2.5	98	98	87-127	0	30
2-Methylnaphthalene	0.13	0.13	0.12	101	101	78-134	0	30
2-Methylphenol (o-Cresol)	2.6	2.7	2.5	102	106	81-117	3.67	30
3 & 4-Methylphenol (m,p-Cresol)	2.6	2.7	2.5	104	108	76-119	3.63	30
Naphthalene	0.094	0.093	0.12	75, F2	75, F2	80-115	0	30
2-Nitroaniline	14	13	12.5	111	102	88-135	8.77	30
3-Nitroaniline	11	11	12.5	90	86	63-129	4.17	30
4-Nitroaniline	12	11	12.5	94	88	75-133	5.70	30
Nitrobenzene	2.6	2.6	2.5	105	106	83-125	0.572	30
2-Nitrophenol	14	14	12.5	112	111	90-132	0.511	30
4-Nitrophenol	11	11	12.5	89	85	77-141	4.95	30
N-Nitrosodiphenylamine	2.3	2.2	2.5	92	90	84-123	3.05	30
N-Nitrosodi-n-propylamine	2.3	2.3	2.5	91	94	78-117	3.27	30
Pentachlorophenol	0.58	0.55	0.62	93	88	65-157	5.15	30
Phenanthrene	0.11	0.10	0.12	86	82	82-119	4.58	30
Phenol	0.47	0.49	0.50	94	98	66-125	4.45	30
Pyrene	0.12	0.12	0.12	96	93	81-132	3.35	30
Pyridine	1.4	1.4	2.5	58	57	34-84	2.27	30
1,2,4-Trichlorobenzene	2.5	2.4	2.5	99	98	73-129	1.11	30
2,4,5-Trichlorophenol	0.13	0.12	0.12	106	98	81-134	7.62	30
2,4,6-Trichlorophenol	0.13	0.12	0.12	104	98	83-129	6.15	30

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Quality Control Report

Client:	Farallon Consulting	**WorkOrder:**	1906A26
Date Prepared:	6/24/19	**BatchID:**	180203
Date Analyzed:	6/24/19 - 6/25/19	**Extraction Method:**	SW3550B/3640A
Instrument:	GC17, GC21	**Analytical Method:**	SW8270C
Matrix:	Soil	**Unit:**	mg/Kg
Project:	1363-006; Brisbane Quarry	**Sample ID:**	MB/LCS/LCSD-180203

QC Summary Report for SW8270C (Low Level) w/ GPC

Analyte	LCS Result	LCSD Result	SPK Val	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Limit
Surrogate Recovery								
2-Fluorophenol	1.4	1.6	1.25	110	128, F3	71-114	15.2	30
Phenol-d5	1.4	1.6	1.25	110	126, F3	72-121	13.4	30
Nitrobenzene-d5	1.5	1.6	1.25	117	128	70-134	9.08	30
2-Fluorobiphenyl	1.3	1.4	1.25	108	110	69-118	1.95	30
2,4,6-Tribromophenol	1.2	1.3	1.25	100	103	53-139	3.18	30
4-Terphenyl-d14	1.4	1.5	1.25	112	120	69-128	6.86	30

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Quality Control Report

Client:	Farallon Consulting	**WorkOrder:**	1906A26
Date Prepared:	6/19/19 - 6/20/19	**BatchID:**	179987
Date Analyzed:	6/20/19 - 6/21/19	**Extraction Method:**	SW3050B
Instrument:	ICP-MS3	**Analytical Method:**	SW6020
Matrix:	Soil	**Unit:**	mg/Kg
Project:	1363-006; Brisbane Quarry	**Sample ID:**	MB/LCS/LCSD-179987

QC Summary Report for Metals

Analyte	MB Result	MDL	RL	SPK Val	MB SS %REC	MB SS Limits
Antimony	ND	0.094	0.50	-	-	-
Arsenic	ND	0.14	0.50	-	-	-
Barium	ND	0.97	5.0	-	-	-
Beryllium	ND	0.072	0.50	-	-	-
Cadmium	ND	0.058	0.25	-	-	-
Chromium	ND	0.092	0.50	-	-	-
Cobalt	ND	0.056	0.50	-	-	-
Copper	ND	0.069	0.50	-	-	-
Lead	ND	0.094	0.50	-	-	-
Mercury	ND	0.0050	0.050	-	-	-
Molybdenum	ND	0.23	0.50	-	-	-
Nickel	ND	0.072	0.50	-	-	-
Selenium	ND	0.13	0.50	-	-	-
Silver	ND	0.055	0.50	-	-	-
Thallium	ND	0.10	0.50	-	-	-
Vanadium	ND	0.064	0.50	-	-	-
Zinc	ND	1.4	5.0	-	-	-
Surrogate Recovery						
Terbium	480			500	96	70-130

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Quality Control Report

Client:	Farallon Consulting	**WorkOrder:**	1906A26
Date Prepared:	6/19/19 - 6/20/19	**BatchID:**	179987
Date Analyzed:	6/20/19 - 6/21/19	**Extraction Method:**	SW3050B
Instrument:	ICP-MS3	**Analytical Method:**	SW6020
Matrix:	Soil	**Unit:**	mg/Kg
Project:	1363-006; Brisbane Quarry	**Sample ID:**	MB/LCS/LCSD-179987

QC Summary Report for Metals

Analyte	LCS Result	LCSD Result	SPK Val	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Limit
Antimony	56	56	50	112	112	75-125	0	20
Arsenic	50	51	50	100	102	75-125	1.88	20
Barium	520	530	500	105	105	75-125	0	20
Beryllium	50	51	50	101	102	75-125	1.34	20
Cadmium	51	52	50	103	103	75-125	0	20
Chromium	52	52	50	105	104	75-125	0.460	20
Cobalt	53	54	50	106	107	75-125	1.46	20
Copper	52	53	50	105	107	75-125	1.84	20
Lead	51	52	50	102	103	75-125	1.15	20
Mercury	1.3	1.3	1.25	105	107	75-125	1.88	20
Molybdenum	51	52	50	103	104	75-125	1.12	20
Nickel	53	53	50	105	106	75-125	1.10	20
Selenium	52	52	50	103	103	75-125	0	20
Silver	51	51	50	101	102	75-125	1.16	20
Thallium	51	51	50	102	102	75-125	0	20
Vanadium	52	52	50	104	104	75-125	0	20
Zinc	520	530	500	104	105	75-125	1.51	20
Surrogate Recovery								
Terbium	490	490	500	97	98	70-130	1.02	20

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Quality Control Report

Client:	Farallon Consulting	**WorkOrder:**	1906A26
Date Prepared:	6/20/19	**BatchID:**	180002
Date Analyzed:	6/21/19	**Extraction Method:**	SW5035
Instrument:	GC3	**Analytical Method:**	SW8021B/8015Bm
Matrix:	Soil	**Unit:**	mg/Kg
Project:	1363-006; Brisbane Quarry	**Sample ID:**	MB/LCS/LCSD-180002

QC Summary Report for SW8021B/8015Bm

Analyte	MB Result	MDL	RL	SPK Val	MB SS %REC	MB SS Limits
TPH(g) (C6-C12)	ND	0.090	1.0	-	-	-
MTBE	ND	0.0023	0.050	-	-	-
Benzene	ND	0.0010	0.0050	-	-	-
Toluene	ND	0.0012	0.0050	-	-	-
Ethylbenzene	ND	0.0020	0.0050	-	-	-
m,p-Xylene	ND	0.0013	0.010	-	-	-
o-Xylene	ND	0.0013	0.0050	-	-	-
Surrogate Recovery						
2-Fluorotoluene	0.096			0.10	96	75-134

Analyte	LCS Result	LCSD Result	SPK Val	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Limit
TPH(btex)	0.58	0.62	0.60	97	103	82-118	6.12	20
MTBE	0.079	0.095	0.10	79	95	61-119	18.9	20
Benzene	0.089	0.094	0.10	89	94	77-128	5.87	20
Toluene	0.095	0.10	0.10	95	100	74-132	5.05	20
Ethylbenzene	0.096	0.10	0.10	96	100	84-127	4.94	20
m,p-Xylene	0.19	0.20	0.20	97	101	80-120	4.21	20
o-Xylene	0.094	0.098	0.10	94	98	80-120	4.20	20
Surrogate Recovery								
2-Fluorotoluene	0.089	0.094	0.10	89	94	75-134	6.34	20

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Quality Control Report

Client:	Farallon Consulting	**WorkOrder:**	1906A26
Date Prepared:	6/20/19	**BatchID:**	180003
Date Analyzed:	6/20/19	**Extraction Method:**	SW3550B
Instrument:	GC9b	**Analytical Method:**	SW8015B
Matrix:	Soil	**Unit:**	mg/Kg
Project:	1363-006; Brisbane Quarry	**Sample ID:**	MB/LCS/LCSD-180003

QC Report for SW8015B w/out SG Clean-Up

Analyte	MB Result	MDL	RL	SPK Val	MB SS %REC	MB SS Limits
TPH-Diesel (C10-C23)	ND	0.83	1.0	-	-	-
TPH-Motor Oil (C18-C36)	ND	3.8	5.0	-	-	-
Surrogate Recovery						
C9	24			25	96	72-122

Analyte	LCS Result	LCSD Result	SPK Val	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Limit
TPH-Diesel (C10-C23)	42	42	40	104	104	75-128	0	30
Surrogate Recovery								
C9	24	24	25	95	95	72-122	0	30

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CHAIN-OF-CUSTODY RECORD

WorkOrder: 1906A26 **ClientCode: FCOKC**

☐ WaterTrax ☐ WriteOn ☐ EDF ☐ Excel ☐ EQuIS ☐ Email ☐ HardCopy ☐ ThirdParty ☐ J-flag
☐ Detection Summary ☒ Dry-Weight

Report to:
Ryan Charney
Farallon Consulting
180 Grand Avenue, Suite 900
Oakland, CA 94612
(510) 879-6801 FAX:
Email: rcharney@farallonconsulting.com
cc/3rd Party:
PO:
Project: 1363-006; Brisbane Quarry

Bill to:
Accounts Payable
Farallon Consulting
180 Grand Avenue, Suite 900
Oakland, CA 94612
ap@farallonconsulting.com

Requested TAT: 5 days;
Date Received: **06/20/2019**
Date Logged: **06/20/2019**

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
1906A26-001	B-1	Soil	6/19/2019 09:00	☐	A	A	A	A	A	A						

Test Legend:

1	8260B_SCAN-SIM_E	2	8270_SCSM_GPC_S	3	CAM17MS_TTLC_S	4	CARB435_400
5	G-MBTEX_S	6	TPH(DMO)_S	7		8	
9		10		11		12	

Project Manager: Rosa Venegas **Prepared by: Nancy Palacios**

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: FARALLON CONSULTING **Project:** 1363-006; Brisbane Quarry **Work Order:** 1906A26
Client Contact: Ryan Charney **QC Level:** LEVEL 2
Contact's Email: rcharney@farallonconsulting.com **Comments:** **Date Logged:** 6/20/2019

☐ WaterTrax ☐ WriteOn ☐ EDF ☐ Excel ☐ EQuIS ☐ 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
1906A26-001A	B-1	Soil	SW8015B (Diesel & Motor Oil)	3	16OZ GJ, Unpres + 2-Encore	☐	6/19/2019 9:00	5 days		☐	
			SW8021B/8015Bm (G/MBTEX)			☐		5 days		☐	
			Asbestos, CARB 435, 400 Point			☐		5 days		☐	
			SW6020 (CAM 17)			☐		5 days		☐	
			SW8270C (Low Level SVOCs) with GPC Cleanup			☐		5 days		☐	
			SW8260B (VOCs, Scan SIM) (Encore)			☐		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.

General COC

MAI Work Order # 1906A26

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CHAIN OF CUSTODY RECORD

Turn Around Time:	1 Day Rush		2 Day Rush		3 Day Rush		STD	●	Quote #										
J-Flag / MDL		ESL	●	Cleanup Approved		Dry Weight		Bottle Order #											
Delivery Format:	PDF	●	GeoTracker EDF		EDD	●	Write On (DW)		Detect Summary										

Report To: Ryan Charney Bill To:
Company: Farallon Consulting
Email: rcharney@farallonconsulting.com
Alt Email: gfisco@farallonconsulting.com Tele:
Project Name: Brisbane Quarry Project #: 1363-006
Project Location: Brisbane, CA PO #
Sampler Signature:

SAMPLE ID Location / Field Point	Sampling Date	Sampling Time	#Containers	Matrix	Preservative	Analysis Requested: VOCs 8260B (low level)	SVOCs 8270c (low level)	CAM 17 Metals 6020	Asbestos CARB 435	TPH-m/d 8015B	TPH-G/BTEX 8020b/8015B m												
B-1	6-19-19	900	3	S		x	x	x	x	x	x												

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.

* If metals are requested for water samples and the water type (Matrix) is not specified on the chain of custody, MAI will default to metals by E200.8.

Please provide an adequate volume of sample. If the volume is not sufficient for a MS/MSD a LCS/LCSD will be prepared in its place and noted in the report.

Comments / Instructions

Relinquished By / Company Name	Date	Time	Received By / Company Name	Date	Time
[signature]	6/19/19	1600	CAP	6/20/19	0945
CAP	6/20/19	1505	Nancy Palacios	6:20:19	1505

Matrix Code: DW=Drinking Water, GW=Ground Water, WW=Waste Water, SW=Seawater, S=Soil, SL=Sludge, A=Air, WP=Wipe, O=Other

Preservative Code: 1=4°C 2=HCl 3=H_2SO_4 4=HNO_3 5=NaOH 6=ZnOAc/NaOH 7=None

Temp 2.5 °C Initials WEST

Page 1 of 1

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Sample Receipt Checklist

Client Name:	**Farallon Consulting**	Date and Time Received	**6/20/2019 15:05**
Project:	**1363-006; Brisbane Quarry**	Date Logged:	**6/20/2019**
		Received by:	Nancy Palacios
WorkOrder №:	**1906A26** Matrix: Soil	Logged by:	Nancy Palacios
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	☐		
(Ice Type: WET ICE)						
Sample/Temp Blank temperature	Temp: 2.5°C				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:

McCampbell Analytical, Inc.

"When Quality Counts"

Analytical Report

WorkOrder: 1906A98 **Amended:** 06/28/2019

Report Created for: Farallon Consulting

180 Grand Avenue, Suite 900
Oakland, CA 94612

Project Contact: Ryan Charney
Project P.O.:
Project: 1363-006; Brisbane Quarry

Project Received: 06/21/2019

Analytical Report reviewed & approved for release on 06/28/2019 by:

Susan Thompson
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.

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CA ELAP 1644 ♦ NELAP 4033 ORELAP

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Glossary of Terms & Qualifier Definitions

Client: Farallon Consulting
Project: 1363-006; Brisbane Quarry
WorkOrder: 1906A98

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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Glossary of Terms & Qualifier Definitions

Client: Farallon Consulting
Project: 1363-006; Brisbane Quarry
WorkOrder: 1906A98

Analytical Qualifiers

B	Analyte detected in the associated Method Blank and in the sample
J	Result is less than the RL/ML but greater than the MDL. The reported concentration is an estimated value.
e2	Diesel range compounds are significant; no recognizable pattern
e7	Oil range compounds are significant
e8	Pattern resembles kerosene/kerosene range/jet fuel range
k10	CARB 435 Exception 1 - No asbestos detected. The limit of quantitation (LOQ) = 0.25%.

Quality Control Qualifiers

F2	LCS/LCSD recovery and/or RPD/RSD is out of acceptance criteria.
F3	The surrogate standard recovery and/or RPD is outside of acceptance limits.
F10	MS/MSD outside control limits. Physical or chemical interferences exist due to sample matrix.

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Analytical Report

Client:	Farallon Consulting	**WorkOrder:**	1906A98
Date Received:	6/21/19 15:30	**Extraction Method:**	SW5035
Date Prepared:	6/21/19	**Analytical Method:**	SW8260B
Project:	1363-006; Brisbane Quarry	**Unit:**	mg/Kg

Volatile Organics [Encore Sampling]

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
B-2	1906A98-001A	Soil	06/20/2019 06:55	GC38 06251927.D	180148

Analytes	Result	RL	DF	Date Analyzed
Acetone	ND	0.083	1	06/25/2019 23:44
tert-Amyl methyl ether (TAME)	ND	0.0041	1	06/25/2019 23:44
Benzene	ND	0.0041	1	06/25/2019 23:44
Bromobenzene	ND	0.0041	1	06/25/2019 23:44
Bromochloromethane	ND	0.0041	1	06/25/2019 23:44
Bromodichloromethane	ND	0.00083	1	06/25/2019 23:44
Bromoform	ND	0.0041	1	06/25/2019 23:44
Bromomethane	ND	0.0041	1	06/25/2019 23:44
2-Butanone (MEK)	ND	0.017	1	06/25/2019 23:44
t-Butyl alcohol (TBA)	ND	0.041	1	06/25/2019 23:44
n-Butyl benzene	ND	0.0041	1	06/25/2019 23:44
sec-Butyl benzene	ND	0.0041	1	06/25/2019 23:44
tert-Butyl benzene	ND	0.0041	1	06/25/2019 23:44
Carbon Disulfide	ND	0.0041	1	06/25/2019 23:44
Carbon Tetrachloride	ND	0.0041	1	06/25/2019 23:44
Chlorobenzene	ND	0.0041	1	06/25/2019 23:44
Chloroethane	ND	0.0041	1	06/25/2019 23:44
Chloroform	ND	0.0041	1	06/25/2019 23:44
Chloromethane	ND	0.0041	1	06/25/2019 23:44
2-Chlorotoluene	ND	0.0041	1	06/25/2019 23:44
4-Chlorotoluene	ND	0.0041	1	06/25/2019 23:44
Dibromochloromethane	ND	0.0041	1	06/25/2019 23:44
1,2-Dibromo-3-chloropropane	ND	0.00021	1	06/25/2019 23:44
1,2-Dibromoethane (EDB)	ND	0.000083	1	06/25/2019 23:44
Dibromomethane	ND	0.0041	1	06/25/2019 23:44
1,2-Dichlorobenzene	ND	0.0041	1	06/25/2019 23:44
1,3-Dichlorobenzene	ND	0.0041	1	06/25/2019 23:44
1,4-Dichlorobenzene	ND	0.0041	1	06/25/2019 23:44
Dichlorodifluoromethane	ND	0.0041	1	06/25/2019 23:44
1,1-Dichloroethane	ND	0.0041	1	06/25/2019 23:44
1,2-Dichloroethane (1,2-DCA)	ND	0.00021	1	06/25/2019 23:44
1,1-Dichloroethene	ND	0.00021	1	06/25/2019 23:44
cis-1,2-Dichloroethene	ND	0.0041	1	06/25/2019 23:44
trans-1,2-Dichloroethene	ND	0.0041	1	06/25/2019 23:44
1,2-Dichloropropane	ND	0.0041	1	06/25/2019 23:44
1,3-Dichloropropane	ND	0.0041	1	06/25/2019 23:44
2,2-Dichloropropane	ND	0.0041	1	06/25/2019 23:44

(Cont.)

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Analytical Report

Client:	Farallon Consulting	**WorkOrder:**	1906A98
Date Received:	6/21/19 15:30	**Extraction Method:**	SW5035
Date Prepared:	6/21/19	**Analytical Method:**	SW8260B
Project:	1363-006; Brisbane Quarry	**Unit:**	mg/Kg

Volatile Organics [Encore Sampling]

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
B-2	1906A98-001A	Soil	06/20/2019 06:55	GC38 06251927.D	180148

Analytes	Result	RL	DF	Date Analyzed
1,1-Dichloropropene	ND	0.0041	1	06/25/2019 23:44
cis-1,3-Dichloropropene	ND	0.0041	1	06/25/2019 23:44
trans-1,3-Dichloropropene	ND	0.0041	1	06/25/2019 23:44
Diisopropyl ether (DIPE)	ND	0.0041	1	06/25/2019 23:44
Ethylbenzene	ND	0.0041	1	06/25/2019 23:44
Ethyl tert-butyl ether (ETBE)	ND	0.0041	1	06/25/2019 23:44
Freon 113	ND	0.0041	1	06/25/2019 23:44
Hexachlorobutadiene	ND	0.0041	1	06/25/2019 23:44
Hexachloroethane	ND	0.0041	1	06/25/2019 23:44
2-Hexanone	ND	0.0041	1	06/25/2019 23:44
Isopropylbenzene	ND	0.0041	1	06/25/2019 23:44
4-Isopropyl toluene	ND	0.0041	1	06/25/2019 23:44
Methyl-t-butyl ether (MTBE)	ND	0.0041	1	06/25/2019 23:44
Methylene chloride	ND	0.0083	1	06/25/2019 23:44
4-Methyl-2-pentanone (MIBK)	ND	0.0041	1	06/25/2019 23:44
Naphthalene	ND	0.0041	1	06/25/2019 23:44
n-Propyl benzene	ND	0.0041	1	06/25/2019 23:44
Styrene	ND	0.0041	1	06/25/2019 23:44
1,1,1,2-Tetrachloroethane	ND	0.0041	1	06/25/2019 23:44
1,1,2,2-Tetrachloroethane	ND	0.00021	1	06/25/2019 23:44
Tetrachloroethene	ND	0.00083	1	06/25/2019 23:44
Toluene	ND	0.0041	1	06/25/2019 23:44
1,2,3-Trichlorobenzene	ND	0.0041	1	06/25/2019 23:44
1,2,4-Trichlorobenzene	ND	0.0041	1	06/25/2019 23:44
1,1,1-Trichloroethane	ND	0.0041	1	06/25/2019 23:44
1,1,2-Trichloroethane	ND	0.0041	1	06/25/2019 23:44
Trichloroethene	ND	0.0041	1	06/25/2019 23:44
Trichlorofluoromethane	ND	0.0041	1	06/25/2019 23:44
1,2,3-Trichloropropane	ND	0.000041	1	06/25/2019 23:44
1,2,4-Trimethylbenzene	ND	0.0041	1	06/25/2019 23:44
1,3,5-Trimethylbenzene	ND	0.0041	1	06/25/2019 23:44
Vinyl Chloride	ND	0.00021	1	06/25/2019 23:44
m,p-Xylene	ND	0.0041	1	06/25/2019 23:44
o-Xylene	ND	0.0041	1	06/25/2019 23:44
Xylenes, Total	ND	0.0041	1	06/25/2019 23:44
1,3-Dichloropropene, Total	ND	0.0041	1	06/25/2019 23:44

(Cont.)

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Analytical Report

Client:	Farallon Consulting	**WorkOrder:**	1906A98
Date Received:	6/21/19 15:30	**Extraction Method:**	SW5035
Date Prepared:	6/21/19	**Analytical Method:**	SW8260B
Project:	1363-006; Brisbane Quarry	**Unit:**	mg/Kg

Volatile Organics [Encore Sampling]

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
B-2	**1906A98-001A**	**Soil**	**06/20/2019 06:55**	**GC38 06251927.D**	**180148**

Analytes	Result	RL	DF	Date Analyzed
Surrogates	**REC (%)**	**Limits**		
Dibromofluoromethane	88	71-151		06/25/2019 23:44
Toluene-d8	108	90-150		06/25/2019 23:44
4-BFB	100	83-143		06/25/2019 23:44
Benzene-d6	76	71-118		06/25/2019 23:44
Ethylbenzene-d10	92	79-125		06/25/2019 23:44
1,2-DCB-d4	74	57-112		06/25/2019 23:44

Analyst(s): JEM

(Cont.)

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Analytical Report

Client:	Farallon Consulting	**WorkOrder:**	1906A98
Date Received:	6/21/19 15:30	**Extraction Method:**	SW5035
Date Prepared:	6/21/19	**Analytical Method:**	SW8260B
Project:	1363-006; Brisbane Quarry	**Unit:**	mg/Kg

Volatile Organics [Encore Sampling]

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
B-3	1906A98-002A	Soil	06/20/2019 10:00	GC38 06251928.D	180148

Analytes	Result	RL	DF	Date Analyzed
Acetone	ND	0.096	1	06/26/2019 00:22
tert-Amyl methyl ether (TAME)	ND	0.0048	1	06/26/2019 00:22
Benzene	ND	0.0048	1	06/26/2019 00:22
Bromobenzene	ND	0.0048	1	06/26/2019 00:22
Bromochloromethane	ND	0.0048	1	06/26/2019 00:22
Bromodichloromethane	ND	0.00096	1	06/26/2019 00:22
Bromoform	ND	0.0048	1	06/26/2019 00:22
Bromomethane	ND	0.0048	1	06/26/2019 00:22
2-Butanone (MEK)	ND	0.019	1	06/26/2019 00:22
t-Butyl alcohol (TBA)	ND	0.048	1	06/26/2019 00:22
n-Butyl benzene	ND	0.0048	1	06/26/2019 00:22
sec-Butyl benzene	ND	0.0048	1	06/26/2019 00:22
tert-Butyl benzene	ND	0.0048	1	06/26/2019 00:22
Carbon Disulfide	ND	0.0048	1	06/26/2019 00:22
Carbon Tetrachloride	ND	0.0048	1	06/26/2019 00:22
Chlorobenzene	ND	0.0048	1	06/26/2019 00:22
Chloroethane	ND	0.0048	1	06/26/2019 00:22
Chloroform	ND	0.0048	1	06/26/2019 00:22
Chloromethane	ND	0.0048	1	06/26/2019 00:22
2-Chlorotoluene	ND	0.0048	1	06/26/2019 00:22
4-Chlorotoluene	ND	0.0048	1	06/26/2019 00:22
Dibromochloromethane	ND	0.0048	1	06/26/2019 00:22
1,2-Dibromo-3-chloropropane	ND	0.00024	1	06/26/2019 00:22
1,2-Dibromoethane (EDB)	ND	0.000096	1	06/26/2019 00:22
Dibromomethane	ND	0.0048	1	06/26/2019 00:22
1,2-Dichlorobenzene	ND	0.0048	1	06/26/2019 00:22
1,3-Dichlorobenzene	ND	0.0048	1	06/26/2019 00:22
1,4-Dichlorobenzene	ND	0.0048	1	06/26/2019 00:22
Dichlorodifluoromethane	ND	0.0048	1	06/26/2019 00:22
1,1-Dichloroethane	ND	0.0048	1	06/26/2019 00:22
1,2-Dichloroethane (1,2-DCA)	ND	0.00024	1	06/26/2019 00:22
1,1-Dichloroethene	ND	0.00024	1	06/26/2019 00:22
cis-1,2-Dichloroethene	ND	0.0048	1	06/26/2019 00:22
trans-1,2-Dichloroethene	ND	0.0048	1	06/26/2019 00:22
1,2-Dichloropropane	ND	0.0048	1	06/26/2019 00:22
1,3-Dichloropropane	ND	0.0048	1	06/26/2019 00:22
2,2-Dichloropropane	ND	0.0048	1	06/26/2019 00:22

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Analytical Report

Client:	Farallon Consulting	**WorkOrder:**	1906A98
Date Received:	6/21/19 15:30	**Extraction Method:**	SW5035
Date Prepared:	6/21/19	**Analytical Method:**	SW8260B
Project:	1363-006; Brisbane Quarry	**Unit:**	mg/Kg

Volatile Organics [Encore Sampling]

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
B-3	1906A98-002A	Soil	06/20/2019 10:00	GC38 06251928.D	180148

Analytes	Result	RL	DF	Date Analyzed
1,1-Dichloropropene	ND	0.0048	1	06/26/2019 00:22
cis-1,3-Dichloropropene	ND	0.0048	1	06/26/2019 00:22
trans-1,3-Dichloropropene	ND	0.0048	1	06/26/2019 00:22
Diisopropyl ether (DIPE)	ND	0.0048	1	06/26/2019 00:22
Ethylbenzene	ND	0.0048	1	06/26/2019 00:22
Ethyl tert-butyl ether (ETBE)	ND	0.0048	1	06/26/2019 00:22
Freon 113	ND	0.0048	1	06/26/2019 00:22
Hexachlorobutadiene	ND	0.0048	1	06/26/2019 00:22
Hexachloroethane	ND	0.0048	1	06/26/2019 00:22
2-Hexanone	ND	0.0048	1	06/26/2019 00:22
Isopropylbenzene	ND	0.0048	1	06/26/2019 00:22
4-Isopropyl toluene	ND	0.0048	1	06/26/2019 00:22
Methyl-t-butyl ether (MTBE)	ND	0.0048	1	06/26/2019 00:22
Methylene chloride	ND	0.0096	1	06/26/2019 00:22
4-Methyl-2-pentanone (MIBK)	ND	0.0048	1	06/26/2019 00:22
Naphthalene	ND	0.0048	1	06/26/2019 00:22
n-Propyl benzene	ND	0.0048	1	06/26/2019 00:22
Styrene	ND	0.0048	1	06/26/2019 00:22
1,1,1,2-Tetrachloroethane	ND	0.0048	1	06/26/2019 00:22
1,1,2,2-Tetrachloroethane	ND	0.00024	1	06/26/2019 00:22
Tetrachloroethene	ND	0.00096	1	06/26/2019 00:22
Toluene	ND	0.0048	1	06/26/2019 00:22
1,2,3-Trichlorobenzene	ND	0.0048	1	06/26/2019 00:22
1,2,4-Trichlorobenzene	ND	0.0048	1	06/26/2019 00:22
1,1,1-Trichloroethane	ND	0.0048	1	06/26/2019 00:22
1,1,2-Trichloroethane	ND	0.0048	1	06/26/2019 00:22
Trichloroethene	ND	0.0048	1	06/26/2019 00:22
Trichlorofluoromethane	ND	0.0048	1	06/26/2019 00:22
1,2,3-Trichloropropane	ND	0.000048	1	06/26/2019 00:22
1,2,4-Trimethylbenzene	ND	0.0048	1	06/26/2019 00:22
1,3,5-Trimethylbenzene	ND	0.0048	1	06/26/2019 00:22
Vinyl Chloride	ND	0.00024	1	06/26/2019 00:22
m,p-Xylene	ND	0.0048	1	06/26/2019 00:22
o-Xylene	ND	0.0048	1	06/26/2019 00:22
Xylenes, Total	ND	0.0048	1	06/26/2019 00:22
1,3-Dichloropropene, Total	ND	0.0048	1	06/26/2019 00:22

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Analytical Report

Client:	Farallon Consulting	**WorkOrder:**	1906A98
Date Received:	6/21/19 15:30	**Extraction Method:**	SW5035
Date Prepared:	6/21/19	**Analytical Method:**	SW8260B
Project:	1363-006; Brisbane Quarry	**Unit:**	mg/Kg

Volatile Organics [Encore Sampling]

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
B-3	**1906A98-002A**	**Soil**	**06/20/2019 10:00**	**GC38 06251928.D**	**180148**

Analytes	Result	RL	DF	Date Analyzed
Surrogates	**REC (%)**	**Limits**		
Dibromofluoromethane	88	71-151		06/26/2019 00:22
Toluene-d8	108	90-150		06/26/2019 00:22
4-BFB	99	83-143		06/26/2019 00:22
Benzene-d6	72	71-118		06/26/2019 00:22
Ethylbenzene-d10	85	79-125		06/26/2019 00:22
1,2-DCB-d4	72	57-112		06/26/2019 00:22

Analyst(s): JEM

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Analytical Report

Client:	Farallon Consulting	**WorkOrder:**	1906A98
Date Received:	6/21/19 15:30	**Extraction Method:**	SW3550B/3640A
Date Prepared:	6/24/19	**Analytical Method:**	SW8270C
Project:	1363-006; Brisbane Quarry	**Unit:**	mg/Kg

Semi-Volatile Organics (Low Level) with GPC Cleanup

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
B-2	1906A98-001A	Soil	06/20/2019 06:55	GC21 06251936.D	180203

Analytes	Result	RL	DF	Date Analyzed
Acenaphthene	ND	0.0013	1	06/26/2019 01:54
Acenaphthylene	ND	0.0013	1	06/26/2019 01:54
Acetochlor	ND	0.25	1	06/26/2019 01:54
Anthracene	ND	0.0013	1	06/26/2019 01:54
Benzidine	ND	1.2	1	06/26/2019 01:54
Benzo (a) anthracene	ND	0.0050	1	06/26/2019 01:54
Benzo (a) pyrene	ND	0.0025	1	06/26/2019 01:54
Benzo (b) fluoranthene	ND	0.0013	1	06/26/2019 01:54
Benzo (g,h,i) perylene	ND	0.0025	1	06/26/2019 01:54
Benzo (k) fluoranthene	ND	0.0013	1	06/26/2019 01:54
Benzyl Alcohol	ND	1.2	1	06/26/2019 01:54
1,1-Biphenyl	ND	0.013	1	06/26/2019 01:54
Bis (2-chloroethoxy) Methane	ND	0.25	1	06/26/2019 01:54
Bis (2-chloroethyl) Ether	ND	0.0025	1	06/26/2019 01:54
Bis (2-chloroisopropyl) Ether	ND	0.0025	1	06/26/2019 01:54
Bis (2-ethylhexyl) Adipate	ND	0.50	1	06/26/2019 01:54
Bis (2-ethylhexyl) Phthalate	**0.0068**	0.0050	1	06/26/2019 01:54
4-Bromophenyl Phenyl Ether	ND	0.25	1	06/26/2019 01:54
Butylbenzyl Phthalate	ND	0.025	1	06/26/2019 01:54
4-Chloroaniline	ND	0.0025	1	06/26/2019 01:54
4-Chloro-3-methylphenol	ND	0.25	1	06/26/2019 01:54
2-Chloronaphthalene	ND	0.25	1	06/26/2019 01:54
2-Chlorophenol	ND	0.0050	1	06/26/2019 01:54
4-Chlorophenyl Phenyl Ether	ND	0.25	1	06/26/2019 01:54
Chrysene	ND	0.0025	1	06/26/2019 01:54
Dibenzo (a,h) anthracene	ND	0.0025	1	06/26/2019 01:54
Dibenzofuran	ND	0.25	1	06/26/2019 01:54
Di-n-butyl Phthalate	ND	0.0025	1	06/26/2019 01:54
1,2-Dichlorobenzene	ND	0.25	1	06/26/2019 01:54
1,3-Dichlorobenzene	ND	0.25	1	06/26/2019 01:54
1,4-Dichlorobenzene	ND	0.25	1	06/26/2019 01:54
3,3-Dichlorobenzidine	ND	0.0025	1	06/26/2019 01:54
2,4-Dichlorophenol	ND	0.013	1	06/26/2019 01:54
Diethyl Phthalate	ND	0.0050	1	06/26/2019 01:54
2,4-Dimethylphenol	ND	0.25	1	06/26/2019 01:54
Dimethyl Phthalate	ND	0.0025	1	06/26/2019 01:54
4,6-Dinitro-2-methylphenol	ND	1.2	1	06/26/2019 01:54

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Analytical Report

Client:	Farallon Consulting	**WorkOrder:**	1906A98
Date Received:	6/21/19 15:30	**Extraction Method:**	SW3550B/3640A
Date Prepared:	6/24/19	**Analytical Method:**	SW8270C
Project:	1363-006; Brisbane Quarry	**Unit:**	mg/Kg

Semi-Volatile Organics (Low Level) with GPC Cleanup

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
B-2	1906A98-001A	Soil	06/20/2019 06:55	GC21 06251936.D	180203

Analytes	Result	RL	DF	Date Analyzed
2,4-Dinitrophenol	ND	0.13	1	06/26/2019 01:54
2,4-Dinitrotoluene	ND	0.0063	1	06/26/2019 01:54
2,6-Dinitrotoluene	ND	0.0025	1	06/26/2019 01:54
Di-n-octyl Phthalate	ND	0.0050	1	06/26/2019 01:54
1,2-Diphenylhydrazine	ND	0.25	1	06/26/2019 01:54
Fluoranthene	ND	0.0013	1	06/26/2019 01:54
Fluorene	ND	0.0025	1	06/26/2019 01:54
Hexachlorobenzene	ND	0.0013	1	06/26/2019 01:54
Hexachlorobutadiene	ND	0.0025	1	06/26/2019 01:54
Hexachlorocyclopentadiene	ND	2.0	1	06/26/2019 01:54
Hexachloroethane	ND	0.0025	1	06/26/2019 01:54
Indeno (1,2,3-cd) pyrene	ND	0.0025	1	06/26/2019 01:54
Isophorone	ND	0.25	1	06/26/2019 01:54
2-Methylnaphthalene	ND	0.0025	1	06/26/2019 01:54
2-Methylphenol (o-Cresol)	ND	0.50	1	06/26/2019 01:54
3 & 4-Methylphenol (m,p-Cresol)	ND	0.25	1	06/26/2019 01:54
Naphthalene	ND	0.0013	1	06/26/2019 01:54
2-Nitroaniline	ND	1.2	1	06/26/2019 01:54
3-Nitroaniline	ND	1.2	1	06/26/2019 01:54
4-Nitroaniline	ND	1.2	1	06/26/2019 01:54
Nitrobenzene	ND	0.25	1	06/26/2019 01:54
2-Nitrophenol	ND	1.2	1	06/26/2019 01:54
4-Nitrophenol	ND	1.2	1	06/26/2019 01:54
N-Nitrosodiphenylamine	ND	0.25	1	06/26/2019 01:54
N-Nitrosodi-n-propylamine	ND	0.25	1	06/26/2019 01:54
Pentachlorophenol	ND	0.031	1	06/26/2019 01:54
Phenanthrene	ND	0.0050	1	06/26/2019 01:54
Phenol	ND	0.0050	1	06/26/2019 01:54
Pyrene	ND	0.0025	1	06/26/2019 01:54
Pyridine	ND	0.25	1	06/26/2019 01:54
1,2,4-Trichlorobenzene	ND	0.25	1	06/26/2019 01:54
2,4,5-Trichlorophenol	ND	0.0025	1	06/26/2019 01:54
2,4,6-Trichlorophenol	ND	0.013	1	06/26/2019 01:54

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Analytical Report

Client:	Farallon Consulting	**WorkOrder:**	1906A98
Date Received:	6/21/19 15:30	**Extraction Method:**	SW3550B/3640A
Date Prepared:	6/24/19	**Analytical Method:**	SW8270C
Project:	1363-006; Brisbane Quarry	**Unit:**	mg/Kg

Semi-Volatile Organics (Low Level) with GPC Cleanup

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
B-2	**1906A98-001A**	**Soil**	**06/20/2019 06:55**	**GC21 06251936.D**	**180203**

Analytes	Result	RL	DF	Date Analyzed
Surrogates	**REC (%)**	**Limits**		
2-Fluorophenol	119	30-167		06/26/2019 01:54
Phenol-d5	111	58-149		06/26/2019 01:54
Nitrobenzene-d5	110	54-137		06/26/2019 01:54
2-Fluorobiphenyl	97	59-113		06/26/2019 01:54
2,4,6-Tribromophenol	82	21-171		06/26/2019 01:54
4-Terphenyl-d14	118	65-126		06/26/2019 01:54

Analyst(s): REB

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Analytical Report

Client:	Farallon Consulting	**WorkOrder:**	1906A98
Date Received:	6/21/19 15:30	**Extraction Method:**	SW3550B/3640A
Date Prepared:	6/24/19	**Analytical Method:**	SW8270C
Project:	1363-006; Brisbane Quarry	**Unit:**	mg/Kg

Semi-Volatile Organics (Low Level) with GPC Cleanup

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
B-3	1906A98-002A	Soil	06/20/2019 10:00	GC21 06251937.D	180203

Analytes	Result	Qualifiers	RL	DF	Date Analyzed
Acenaphthene	ND		0.0013	1	06/26/2019 02:21
Acenaphthylene	ND		0.0013	1	06/26/2019 02:21
Acetochlor	ND		0.25	1	06/26/2019 02:21
Anthracene	ND		0.0013	1	06/26/2019 02:21
Benzidine	ND		1.2	1	06/26/2019 02:21
Benzo (a) anthracene	**0.0062**		0.0050	1	06/26/2019 02:21
Benzo (a) pyrene	**0.0032**		0.0025	1	06/26/2019 02:21
Benzo (b) fluoranthene	**0.0023**		0.0013	1	06/26/2019 02:21
Benzo (g,h,i) perylene	**0.0029**		0.0025	1	06/26/2019 02:21
Benzo (k) fluoranthene	**0.0017**	B	0.0013	1	06/26/2019 02:21
Benzyl Alcohol	ND		1.2	1	06/26/2019 02:21
1,1-Biphenyl	ND		0.013	1	06/26/2019 02:21
Bis (2-chloroethoxy) Methane	ND		0.25	1	06/26/2019 02:21
Bis (2-chloroethyl) Ether	ND		0.0025	1	06/26/2019 02:21
Bis (2-chloroisopropyl) Ether	ND		0.0025	1	06/26/2019 02:21
Bis (2-ethylhexyl) Adipate	ND		0.50	1	06/26/2019 02:21
Bis (2-ethylhexyl) Phthalate	**0.0079**		0.0050	1	06/26/2019 02:21
4-Bromophenyl Phenyl Ether	ND		0.25	1	06/26/2019 02:21
Butylbenzyl Phthalate	ND		0.025	1	06/26/2019 02:21
4-Chloroaniline	ND		0.0025	1	06/26/2019 02:21
4-Chloro-3-methylphenol	ND		0.25	1	06/26/2019 02:21
2-Chloronaphthalene	ND		0.25	1	06/26/2019 02:21
2-Chlorophenol	ND		0.0050	1	06/26/2019 02:21
4-Chlorophenyl Phenyl Ether	ND		0.25	1	06/26/2019 02:21
Chrysene	**0.0030**	B	0.0025	1	06/26/2019 02:21
Dibenzo (a,h) anthracene	ND		0.0025	1	06/26/2019 02:21
Dibenzofuran	ND		0.25	1	06/26/2019 02:21
Di-n-butyl Phthalate	**0.44**		0.0025	1	06/26/2019 02:21
1,2-Dichlorobenzene	ND		0.25	1	06/26/2019 02:21
1,3-Dichlorobenzene	ND		0.25	1	06/26/2019 02:21
1,4-Dichlorobenzene	ND		0.25	1	06/26/2019 02:21
3,3-Dichlorobenzidine	ND		0.0025	1	06/26/2019 02:21
2,4-Dichlorophenol	ND		0.013	1	06/26/2019 02:21
Diethyl Phthalate	ND		0.0050	1	06/26/2019 02:21
2,4-Dimethylphenol	ND		0.25	1	06/26/2019 02:21
Dimethyl Phthalate	ND		0.0025	1	06/26/2019 02:21
4,6-Dinitro-2-methylphenol	ND		1.2	1	06/26/2019 02:21

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Analytical Report

Client:	Farallon Consulting	**WorkOrder:**	1906A98
Date Received:	6/21/19 15:30	**Extraction Method:**	SW3550B/3640A
Date Prepared:	6/24/19	**Analytical Method:**	SW8270C
Project:	1363-006; Brisbane Quarry	**Unit:**	mg/Kg

Semi-Volatile Organics (Low Level) with GPC Cleanup

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
B-3	1906A98-002A	Soil	06/20/2019 10:00	GC21 06251937.D	180203

Analytes	Result	Qualifiers	RL	DF	Date Analyzed
2,4-Dinitrophenol	ND		0.13	1	06/26/2019 02:21
2,4-Dinitrotoluene	**0.065**		0.0063	1	06/26/2019 02:21
2,6-Dinitrotoluene	ND		0.0025	1	06/26/2019 02:21
Di-n-octyl Phthalate	ND		0.0050	1	06/26/2019 02:21
1,2-Diphenylhydrazine	ND		0.25	1	06/26/2019 02:21
Fluoranthene	**0.0059**		0.0013	1	06/26/2019 02:21
Fluorene	ND		0.0025	1	06/26/2019 02:21
Hexachlorobenzene	ND		0.0013	1	06/26/2019 02:21
Hexachlorobutadiene	ND		0.0025	1	06/26/2019 02:21
Hexachlorocyclopentadiene	ND		2.0	1	06/26/2019 02:21
Hexachloroethane	ND		0.0025	1	06/26/2019 02:21
Indeno (1,2,3-cd) pyrene	ND		0.0025	1	06/26/2019 02:21
Isophorone	ND		0.25	1	06/26/2019 02:21
2-Methylnaphthalene	ND		0.0025	1	06/26/2019 02:21
2-Methylphenol (o-Cresol)	ND		0.50	1	06/26/2019 02:21
3 & 4-Methylphenol (m,p-Cresol)	ND		0.25	1	06/26/2019 02:21
Naphthalene	ND		0.0013	1	06/26/2019 02:21
2-Nitroaniline	ND		1.2	1	06/26/2019 02:21
3-Nitroaniline	ND		1.2	1	06/26/2019 02:21
4-Nitroaniline	ND		1.2	1	06/26/2019 02:21
Nitrobenzene	ND		0.25	1	06/26/2019 02:21
2-Nitrophenol	ND		1.2	1	06/26/2019 02:21
4-Nitrophenol	ND		1.2	1	06/26/2019 02:21
N-Nitrosodiphenylamine	ND		0.25	1	06/26/2019 02:21
N-Nitrosodi-n-propylamine	ND		0.25	1	06/26/2019 02:21
Pentachlorophenol	ND		0.031	1	06/26/2019 02:21
Phenanthrene	ND		0.0050	1	06/26/2019 02:21
Phenol	**0.0052**		0.0050	1	06/26/2019 02:21
Pyrene	**0.0055**		0.0025	1	06/26/2019 02:21
Pyridine	ND		0.25	1	06/26/2019 02:21
1,2,4-Trichlorobenzene	ND		0.25	1	06/26/2019 02:21
2,4,5-Trichlorophenol	ND		0.0025	1	06/26/2019 02:21
2,4,6-Trichlorophenol	ND		0.013	1	06/26/2019 02:21

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Analytical Report

Client:	Farallon Consulting	**WorkOrder:**	1906A98
Date Received:	6/21/19 15:30	**Extraction Method:**	SW3550B/3640A
Date Prepared:	6/24/19	**Analytical Method:**	SW8270C
Project:	1363-006; Brisbane Quarry	**Unit:**	mg/Kg

Semi-Volatile Organics (Low Level) with GPC Cleanup

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
B-3	1906A98-002A	Soil	06/20/2019 10:00	GC21 06251937.D	180203

Analytes	Result	Qualifiers	RL	DF	Date Analyzed
Surrogates	**REC (%)**		**Limits**		
2-Fluorophenol	98		30-167		06/26/2019 02:21
Phenol-d5	102		58-149		06/26/2019 02:21
Nitrobenzene-d5	89		54-137		06/26/2019 02:21
2-Fluorobiphenyl	82		59-113		06/26/2019 02:21
2,4,6-Tribromophenol	110		21-171		06/26/2019 02:21
4-Terphenyl-d14	97		65-126		06/26/2019 02:21

Analyst(s): REB

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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:	Farallon Consulting	**WorkOrder:**	1906A98
Date Received:	6/21/19 15:30	**Extraction Method:**	SW3050B
Date Prepared:	6/21/19	**Analytical Method:**	SW6020
Project:	1363-006; Brisbane Quarry	**Unit:**	mg/Kg

CAM / CCR 17 Metals

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
B-2	**1906A98-001A**	**Soil**	**06/20/2019 06:55**	**ICP-MS1 022SMPL.D**	**180149**

Analytes	Result	RL	DF	Date Analyzed
Antimony	ND	0.50	1	06/24/2019 10:57
Arsenic	**3.1**	0.50	1	06/24/2019 10:57
Barium	**35**	5.0	1	06/24/2019 10:57
Beryllium	ND	0.50	1	06/24/2019 10:57
Cadmium	ND	0.25	1	06/24/2019 10:57
Chromium	**47**	0.50	1	06/24/2019 10:57
Cobalt	**5.2**	0.50	1	06/24/2019 10:57
Copper	**5.5**	0.50	1	06/24/2019 10:57
Lead	**3.2**	0.50	1	06/24/2019 10:57
Mercury	ND	0.050	1	06/24/2019 10:57
Molybdenum	ND	0.50	1	06/24/2019 10:57
Nickel	**31**	0.50	1	06/24/2019 10:57
Selenium	ND	0.50	1	06/24/2019 10:57
Silver	ND	0.50	1	06/24/2019 10:57
Thallium	ND	0.50	1	06/24/2019 10:57
Vanadium	**33**	0.50	1	06/24/2019 10:57
Zinc	**20**	5.0	1	06/24/2019 10:57

Surrogates	REC (%)	Limits	
Terbium	98	70-130	06/24/2019 10:57

Analyst(s): JC

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Analytical Report

Client:	Farallon Consulting	**WorkOrder:**	1906A98
Date Received:	6/21/19 15:30	**Extraction Method:**	SW3050B
Date Prepared:	6/21/19	**Analytical Method:**	SW6020
Project:	1363-006; Brisbane Quarry	**Unit:**	mg/Kg

CAM / CCR 17 Metals

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
B-3	**1906A98-002A**	**Soil**	**06/20/2019 10:00**	**ICP-MS3 094SMPL.D**	**180149**

Analytes	Result	RL	DF	Date Analyzed
Antimony	**0.68**	0.50	1	06/24/2019 18:45
Arsenic	**6.2**	0.50	1	06/24/2019 18:45
Barium	**95**	5.0	1	06/24/2019 18:45
Beryllium	**0.62**	0.50	1	06/24/2019 18:45
Cadmium	ND	0.25	1	06/24/2019 18:45
Chromium	**60**	0.50	1	06/24/2019 18:45
Cobalt	**12**	0.50	1	06/24/2019 18:45
Copper	**14**	0.50	1	06/24/2019 18:45
Lead	**4.2**	0.50	1	06/24/2019 18:45
Mercury	ND	0.050	1	06/24/2019 18:45
Molybdenum	**0.74**	0.50	1	06/24/2019 18:45
Nickel	**48**	0.50	1	06/24/2019 18:45
Selenium	ND	0.50	1	06/24/2019 18:45
Silver	ND	0.50	1	06/24/2019 18:45
Thallium	ND	0.50	1	06/24/2019 18:45
Vanadium	**54**	0.50	1	06/24/2019 18:45
Zinc	**45**	5.0	1	06/24/2019 18:45

Surrogates	REC (%)	Limits	
Terbium	111	70-130	06/24/2019 18:45

Analyst(s): MIG

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Analytical Report

Client:	Farallon Consulting	**WorkOrder:**	1906A98
Date Received:	6/21/19 15:30	**Extraction Method:**	CARB 435 Asbestos
Date Prepared:	6/24/19	**Analytical Method:**	435 CARB
Project:	1363-006; Brisbane Quarry	**Unit:**	%

Asbestos (CARB 435) 400 Point Count

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
B-2	1906A98-001A	Soil	06/20/2019 06:55	Microscope	180542

Analytes	Result	RL	DF	Date Analyzed
Asbestos	ND	NA	1	06/28/2019 09:40

Analyst(s): DA Analytical Comments: k10

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
B-3	1906A98-002A	Soil	06/20/2019 10:00	Microscope	180542

Analytes	Result	RL	DF	Date Analyzed
Asbestos	ND	NA	1	06/28/2019 10:15

Analyst(s): DA Analytical Comments: k10

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Analytical Report

Client:	Farallon Consulting	**WorkOrder:**	1906A98
Date Received:	6/21/19 15:30	**Extraction Method:**	SW5035
Date Prepared:	6/21/19	**Analytical Method:**	SW8021B/8015Bm
Project:	1363-006; Brisbane Quarry	**Unit:**	mg/Kg

Gasoline Range (C6-C12) Volatile Hydrocarbons as Gasoline with BTEX and MTBE

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
B-2	1906A98-001A	Soil	06/20/2019 06:55	GC7 06241926.D	180147

Analytes	Result	RL	DF	Date Analyzed
TPH(g) (C6-C12)	ND	1.0	1	06/25/2019 00:45
MTBE	---	0.050	1	06/25/2019 00:45
Benzene	---	0.0050	1	06/25/2019 00:45
Toluene	---	0.0050	1	06/25/2019 00:45
Ethylbenzene	---	0.0050	1	06/25/2019 00:45
m,p-Xylene	---	0.010	1	06/25/2019 00:45
o-Xylene	---	0.0050	1	06/25/2019 00:45
Xylenes	---	0.0050	1	06/25/2019 00:45

Surrogates	REC (%)	Limits	
2-Fluorotoluene	72	62-126	06/25/2019 00:45

Analyst(s): IA

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
B-3	1906A98-002A	Soil	06/20/2019 10:00	GC19 06211952.D	180147

Analytes	Result	RL	DF	Date Analyzed
TPH(g) (C6-C12)	ND	1.0	1	06/23/2019 04:53
MTBE	---	0.050	1	06/23/2019 04:53
Benzene	---	0.0050	1	06/23/2019 04:53
Toluene	---	0.0050	1	06/23/2019 04:53
Ethylbenzene	---	0.0050	1	06/23/2019 04:53
m,p-Xylene	---	0.010	1	06/23/2019 04:53
o-Xylene	---	0.0050	1	06/23/2019 04:53
Xylenes	---	0.0050	1	06/23/2019 04:53

Surrogates	REC (%)	Limits	
2-Fluorotoluene	79	62-126	06/23/2019 04:53

Analyst(s): IA

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Analytical Report

Client:	Farallon Consulting	**WorkOrder:**	1906A98
Date Received:	6/21/19 15:30	**Extraction Method:**	SW3550B
Date Prepared:	6/21/19	**Analytical Method:**	SW8015B
Project:	1363-006; Brisbane Quarry	**Unit:**	mg/Kg

Total Extractable Petroleum Hydrocarbons w/out SG Clean-Up

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
B-2	1906A98-001A	Soil	06/20/2019 06:55	GC9a 06271914.D	180105

Analytes	Result	RL	DF	Date Analyzed
TPH-Diesel (C10-C23)	**4.7**	1.0	1	06/27/2019 13:29
TPH-Motor Oil (C18-C36)	**19**	5.0	1	06/27/2019 13:29

Surrogates	REC (%)	Limits	
C9	95	74-123	06/27/2019 13:29

Analyst(s): JIS Analytical Comments: e7,e2,e8

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
B-3	1906A98-002A	Soil	06/20/2019 10:00	GC9b 06261949.D	180150

Analytes	Result	RL	DF	Date Analyzed
TPH-Diesel (C10-C23)	**4.5**	1.0	1	06/27/2019 05:02
TPH-Motor Oil (C18-C36)	**17**	5.0	1	06/27/2019 05:02

Surrogates	REC (%)	Limits	
C9	99	74-123	06/27/2019 05:02

Analyst(s): JIS Analytical Comments: e7,e2,e8

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Quality Control Report

Client:	Farallon Consulting	**WorkOrder:**	1906A98
Date Prepared:	6/21/19	**BatchID:**	180148
Date Analyzed:	6/24/19 - 6/25/19	**Extraction Method:**	SW5035
Instrument:	GC16, GC18	**Analytical Method:**	SW8260B
Matrix:	Soil	**Unit:**	mg/Kg
Project:	1363-006; Brisbane Quarry	**Sample ID:**	MB/LCS/LCSD-180148

QC Summary Report for SW8260B

Analyte	MB Result	MDL	RL	SPK Val	MB SS %REC	MB SS Limits
Acetone	ND	0.13	0.20	-	-	-
tert-Amyl methyl ether (TAME)	ND	0.0016	0.010	-	-	-
Benzene	ND	0.0020	0.010	-	-	-
Bromobenzene	ND	0.0024	0.010	-	-	-
Bromochloromethane	ND	0.0022	0.010	-	-	-
Bromodichloromethane	ND	0.00056	0.0020	-	-	-
Bromoform	ND	0.0034	0.010	-	-	-
Bromomethane	ND	0.0036	0.010	-	-	-
2-Butanone (MEK)	ND	0.022	0.040	-	-	-
t-Butyl alcohol (TBA)	ND	0.064	0.10	-	-	-
n-Butyl benzene	ND	0.0042	0.010	-	-	-
sec-Butyl benzene	ND	0.0034	0.010	-	-	-
tert-Butyl benzene	ND	0.0026	0.010	-	-	-
Carbon Disulfide	ND	0.0060	0.010	-	-	-
Carbon Tetrachloride	ND	0.0018	0.010	-	-	-
Chlorobenzene	ND	0.0017	0.010	-	-	-
Chloroethane	ND	0.0040	0.010	-	-	-
Chloroform	ND	0.00022	0.010	-	-	-
Chloromethane	ND	0.0052	0.010	-	-	-
2-Chlorotoluene	ND	0.0032	0.010	-	-	-
4-Chlorotoluene	ND	0.0024	0.010	-	-	-
Dibromochloromethane	ND	0.00038	0.010	-	-	-
1,2-Dibromo-3-chloropropane	ND	0.00032	0.00050	-	-	-
1,2-Dibromoethane (EDB)	0.000069,J	0.000068	0.00020	-	-	-
Dibromomethane	ND	0.0016	0.010	-	-	-
1,2-Dichlorobenzene	ND	0.0022	0.010	-	-	-
1,3-Dichlorobenzene	ND	0.0020	0.010	-	-	-
1,4-Dichlorobenzene	ND	0.0017	0.010	-	-	-
Dichlorodifluoromethane	ND	0.0026	0.010	-	-	-
1,1-Dichloroethane	ND	0.0018	0.010	-	-	-
1,2-Dichloroethane (1,2-DCA)	ND	0.00017	0.00050	-	-	-
1,1-Dichloroethene	ND	0.000056	0.00050	-	-	-
cis-1,2-Dichloroethene	ND	0.0017	0.010	-	-	-
trans-1,2-Dichloroethene	ND	0.0022	0.010	-	-	-
1,2-Dichloropropane	ND	0.0016	0.010	-	-	-
1,3-Dichloropropane	ND	0.0014	0.010	-	-	-
2,2-Dichloropropane	ND	0.0038	0.010	-	-	-
1,1-Dichloropropene	ND	0.0017	0.010	-	-	-

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Quality Control Report

Client:	Farallon Consulting	**WorkOrder:**	1906A98
Date Prepared:	6/21/19	**BatchID:**	180148
Date Analyzed:	6/24/19 - 6/25/19	**Extraction Method:**	SW5035
Instrument:	GC16, GC18	**Analytical Method:**	SW8260B
Matrix:	Soil	**Unit:**	mg/Kg
Project:	1363-006; Brisbane Quarry	**Sample ID:**	MB/LCS/LCSD-180148

QC Summary Report for SW8260B

Analyte	MB Result	MDL	RL	SPK Val	MB SS %REC	MB SS Limits
cis-1,3-Dichloropropene	ND	0.0034	0.010	-	-	-
trans-1,3-Dichloropropene	ND	0.0040	0.010	-	-	-
Diisopropyl ether (DIPE)	ND	0.0022	0.010	-	-	-
Ethylbenzene	ND	0.0019	0.010	-	-	-
Ethyl tert-butyl ether (ETBE)	ND	0.0022	0.010	-	-	-
Freon 113	ND	0.0022	0.010	-	-	-
Hexachlorobutadiene	ND	0.0046	0.010	-	-	-
Hexachloroethane	ND	0.0028	0.010	-	-	-
2-Hexanone	ND	0.0062	0.010	-	-	-
Isopropylbenzene	ND	0.0034	0.010	-	-	-
4-Isopropyl toluene	ND	0.0030	0.010	-	-	-
Methyl-t-butyl ether (MTBE)	ND	0.0034	0.010	-	-	-
Methylene chloride	ND	0.016	0.020	-	-	-
4-Methyl-2-pentanone (MIBK)	ND	0.0058	0.010	-	-	-
Naphthalene	ND	0.0072	0.010	-	-	-
n-Propyl benzene	ND	0.0032	0.010	-	-	-
Styrene	ND	0.0054	0.010	-	-	-
1,1,1,2-Tetrachloroethane	ND	0.0018	0.010	-	-	-
1,1,2,2-Tetrachloroethane	0.00026,J	0.000087	0.00050	-	-	-
Tetrachloroethene	ND	0.00040	0.0020	-	-	-
Toluene	ND	0.0032	0.010	-	-	-
1,2,3-Trichlorobenzene	ND	0.0074	0.010	-	-	-
1,2,4-Trichlorobenzene	ND	0.0036	0.010	-	-	-
1,1,1-Trichloroethane	ND	0.0017	0.010	-	-	-
1,1,2-Trichloroethane	ND	0.0013	0.010	-	-	-
Trichloroethene	ND	0.0032	0.010	-	-	-
Trichlorofluoromethane	ND	0.0028	0.010	-	-	-
1,2,3-Trichloropropane	ND	0.000084	0.00010	-	-	-
1,2,4-Trimethylbenzene	ND	0.0030	0.010	-	-	-
1,3,5-Trimethylbenzene	ND	0.0032	0.010	-	-	-
Vinyl Chloride	ND	0.00011	0.00050	-	-	-
m,p-Xylene	ND	0.0046	0.010	-	-	-
o-Xylene	ND	0.0015	0.010	-	-	-

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Quality Control Report

Client:	Farallon Consulting	**WorkOrder:**	1906A98
Date Prepared:	6/21/19	**BatchID:**	180148
Date Analyzed:	6/24/19 - 6/25/19	**Extraction Method:**	SW5035
Instrument:	GC16, GC18	**Analytical Method:**	SW8260B
Matrix:	Soil	**Unit:**	mg/Kg
Project:	1363-006; Brisbane Quarry	**Sample ID:**	MB/LCS/LCSD-180148

QC Summary Report for SW8260B

Analyte	MB Result	MDL	RL	SPK Val	MB SS %REC	MB SS Limits
Surrogate Recovery						
Dibromofluoromethane	0.22			0.25	87	85-129
Toluene-d8	0.30			0.25	120	98-136
4-BFB	0.022			0.025	88	83-137
Benzene-d6	0.18			0.20	90	67-135
Ethylbenzene-d10	0.25			0.20	124	81-152
1,2-DCB-d4	0.16			0.20	79	61-112

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Quality Control Report

Client:	Farallon Consulting	**WorkOrder:**	1906A98
Date Prepared:	6/21/19	**BatchID:**	180148
Date Analyzed:	6/24/19 - 6/25/19	**Extraction Method:**	SW5035
Instrument:	GC16, GC18	**Analytical Method:**	SW8260B
Matrix:	Soil	**Unit:**	mg/Kg
Project:	1363-006; Brisbane Quarry	**Sample ID:**	MB/LCS/LCSD-180148

QC Summary Report for SW8260B

Analyte	LCS Result	LCSD Result	SPK Val	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Limit
Acetone	0.44	0.45	0.80	55, F2	57, F2	65-143	3.25	20
tert-Amyl methyl ether (TAME)	0.033	0.035	0.040	83	87	55-119	5.76	20
Benzene	0.037	0.039	0.040	92	98	64-131	7.27	20
Bromobenzene	0.038	0.038	0.040	94	94	66-132	0	20
Bromochloromethane	0.035	0.037	0.040	88	93	66-123	5.87	20
Bromodichloromethane	0.035	0.036	0.040	87	91	63-121	4.90	20
Bromoform	0.026	0.027	0.040	66	67	50-92	2.03	20
Bromomethane	0.022	0.024	0.040	55	60	42-146	8.29	20
2-Butanone (MEK)	0.16	0.16	0.16	98	102	59-127	4.09	20
t-Butyl alcohol (TBA)	0.14	0.15	0.16	87	91	54-132	4.48	20
n-Butyl benzene	0.051	0.057	0.040	127	142	91-188	11.8	20
sec-Butyl benzene	0.049	0.056	0.040	122	139	89-186	13.0	20
tert-Butyl benzene	0.044	0.050	0.040	110	124	83-180	12.2	20
Carbon Disulfide	0.033	0.035	0.040	82	87	59-149	5.88	20
Carbon Tetrachloride	0.035	0.038	0.040	88	94	66-139	6.62	20
Chlorobenzene	0.037	0.040	0.040	92	99	65-127	7.44	20
Chloroethane	0.028	0.030	0.040	69	76	41-142	8.42	20
Chloroform	0.038	0.040	0.040	94	99	73-124	5.01	20
Chloromethane	0.018	0.019	0.040	44	47	28-144	6.47	20
2-Chlorotoluene	0.043	0.046	0.040	107	115	76-152	7.08	20
4-Chlorotoluene	0.042	0.046	0.040	104	114	71-148	9.12	20
Dibromochloromethane	0.032	0.033	0.040	79	82	63-105	3.66	20
1,2-Dibromo-3-chloropropane	0.014	0.014	0.020	69	69	42-115	0	20
1,2-Dibromoethane (EDB)	0.017	0.018	0.020	87	90	66-126	4.14	20
Dibromomethane	0.034	0.036	0.040	86	90	63-116	4.73	20
1,2-Dichlorobenzene	0.030	0.032	0.040	75	81	59-107	7.02	20
1,3-Dichlorobenzene	0.036	0.039	0.040	89	97	74-131	8.02	20
1,4-Dichlorobenzene	0.035	0.038	0.040	87	95	67-125	8.27	20
Dichlorodifluoromethane	0.0051	0.0051	0.040	13	13	9-81	0	20
1,1-Dichloroethane	0.039	0.041	0.040	96	101	71-129	5.03	20
1,2-Dichloroethane (1,2-DCA)	0.036	0.038	0.040	90	94	66-122	4.68	20
1,1-Dichloroethene	0.034	0.036	0.040	85	90	59-134	5.86	20
cis-1,2-Dichloroethene	0.038	0.040	0.040	96	100	63-135	3.67	20
trans-1,2-Dichloroethene	0.037	0.040	0.040	93	99	54-140	6.81	20
1,2-Dichloropropane	0.037	0.039	0.040	92	98	65-127	6.24	20
1,3-Dichloropropane	0.038	0.040	0.040	96	100	62-135	4.16	20
2,2-Dichloropropane	0.039	0.041	0.040	97	103	69-145	6.21	20
1,1-Dichloropropene	0.038	0.042	0.040	96	104	66-138	7.75	20

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Quality Control Report

Client:	Farallon Consulting	**WorkOrder:**	1906A98
Date Prepared:	6/21/19	**BatchID:**	180148
Date Analyzed:	6/24/19 - 6/25/19	**Extraction Method:**	SW5035
Instrument:	GC16, GC18	**Analytical Method:**	SW8260B
Matrix:	Soil	**Unit:**	mg/Kg
Project:	1363-006; Brisbane Quarry	**Sample ID:**	MB/LCS/LCSD-180148

QC Summary Report for SW8260B

Analyte	LCS Result	LCSD Result	SPK Val	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Limit
cis-1,3-Dichloropropene	0.039	0.040	0.040	97	101	65-141	4.57	20
trans-1,3-Dichloropropene	0.037	0.039	0.040	93	97	66-126	3.56	20
Diisopropyl ether (DIPE)	0.036	0.038	0.040	89	95	70-119	6.16	20
Ethylbenzene	0.039	0.044	0.040	97	110	79-138	12.3	20
Ethyl tert-butyl ether (ETBE)	0.034	0.037	0.040	86	91	69-119	5.89	20
Freon 113	0.028	0.030	0.040	70	75	50-122	6.71	20
Hexachlorobutadiene	0.044	0.049	0.040	110	123	81-188	11.1	20
Hexachloroethane	0.044	0.045	0.040	111	112	78-155	1.28	20
2-Hexanone	0.038	0.039	0.040	96	99	48-107	2.50	20
Isopropylbenzene	0.048	0.051	0.040	119	128	71-169	7.08	20
4-Isopropyl toluene	0.045	0.051	0.040	113	128	88-172	12.6	20
Methyl-t-butyl ether (MTBE)	0.036	0.038	0.040	90	94	63-121	4.80	20
Methylene chloride	0.037	0.039	0.040	92	97	62-133	5.73	20
4-Methyl-2-pentanone (MIBK)	0.033	0.034	0.040	82	85	50-109	3.89	20
Naphthalene	0.017	0.016	0.040	41	40	29-69	4.14	20
n-Propyl benzene	0.045	0.051	0.040	112	128	81-181	13.3	20
Styrene	0.031	0.036	0.040	76	91	62-129	17.2	20
1,1,1,2-Tetrachloroethane	0.036	0.038	0.040	91	95	74-130	4.72	20
1,1,2,2-Tetrachloroethane	0.034	0.032	0.040	85	79	42-126	7.02	20
Tetrachloroethene	0.040	0.042	0.040	99	106	72-153	6.49	20
Toluene	0.039	0.043	0.040	99	107	70-140	7.90	20
1,2,3-Trichlorobenzene	0.023	0.022	0.040	58	54	33-87	6.77	20
1,2,4-Trichlorobenzene	0.030	0.029	0.040	74	73	46-109	1.85	20
1,1,1-Trichloroethane	0.036	0.039	0.040	91	97	72-135	6.97	20
1,1,2-Trichloroethane	0.037	0.038	0.040	92	96	60-130	4.09	20
Trichloroethene	0.037	0.039	0.040	92	98	57-146	5.69	20
Trichlorofluoromethane	0.027	0.029	0.040	68	73	52-130	6.94	20
1,2,3-Trichloropropane	0.021	0.019	0.020	104	97	65-130	6.46	20
1,2,4-Trimethylbenzene	0.043	0.045	0.040	108	113	83-156	4.62	20
1,3,5-Trimethylbenzene	0.046	0.049	0.040	114	122	86-167	6.60	20
Vinyl Chloride	0.010	0.011	0.020	51	55	33-141	7.67	20
m,p-Xylene	0.071	0.084	0.080	89	105	70-141	15.9	20
o-Xylene	0.035	0.041	0.040	87	103	74-130	16.4	20

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Quality Control Report

Client:	Farallon Consulting	**WorkOrder:**	1906A98
Date Prepared:	6/21/19	**BatchID:**	180148
Date Analyzed:	6/24/19 - 6/25/19	**Extraction Method:**	SW5035
Instrument:	GC16, GC18	**Analytical Method:**	SW8260B
Matrix:	Soil	**Unit:**	mg/Kg
Project:	1363-006; Brisbane Quarry	**Sample ID:**	MB/LCS/LCSD-180148

QC Summary Report for SW8260B

Analyte	LCS Result	LCSD Result	SPK Val	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Limit
Surrogate Recovery								
Dibromofluoromethane	0.23	0.22	0.25	91	89	85-129	2.19	20
Toluene-d8	0.23	0.23	0.25	92, F3	93, F3	98-136	0.117	20
4-BFB	0.025	0.024	0.025	100	97	83-137	3.55	20
Benzene-d6	0.17	0.18	0.20	85	90	67-135	6.43	20
Ethylbenzene-d10	0.20	0.22	0.20	99	110	81-152	10.5	20
1,2-DCB-d4	0.16	0.17	0.20	78	83	61-112	6.11	20

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Quality Control Report

Client:	Farallon Consulting	**WorkOrder:**	1906A98
Date Prepared:	6/24/19	**BatchID:**	180203
Date Analyzed:	6/24/19 - 6/25/19	**Extraction Method:**	SW3550B/3640A
Instrument:	GC17, GC21	**Analytical Method:**	SW8270C
Matrix:	Soil	**Unit:**	mg/Kg
Project:	1363-006; Brisbane Quarry	**Sample ID:**	MB/LCS/LCSD-180203

QC Summary Report for SW8270C (Low Level) w/ GPC

Analyte	MB Result	MDL	RL	SPK Val	MB SS %REC	MB SS Limits
Benzoic Acid	ND	0.96	1.2	-	-	-
Acenaphthene	ND	0.0012	0.0013	-	-	-
Acenaphthylene	ND	0.0012	0.0013	-	-	-
Acetochlor	ND	0.16	0.25	-	-	-
Anthracene	ND	0.00096	0.0013	-	-	-
Benzidine	ND	0.72	1.2	-	-	-
Benzo (a) anthracene	ND	0.0044	0.0050	-	-	-
Benzo (a) pyrene	ND	0.0011	0.0025	-	-	-
Benzo (b) fluoranthene	ND	0.0012	0.0013	-	-	-
Benzo (g,h,i) perylene	ND	0.0010	0.0025	-	-	-
Benzo (k) fluoranthene	0.0012,J	0.0010	0.0013	-	-	-
Benzyl Alcohol	ND	1.2	1.2	-	-	-
1,1-Biphenyl	0.0038,J	0.0026	0.013	-	-	-
Bis (2-chloroethoxy) Methane	ND	0.16	0.25	-	-	-
Bis (2-chloroethyl) Ether	ND	0.0019	0.0025	-	-	-
Bis (2-chloroisopropyl) Ether	ND	0.0018	0.0025	-	-	-
Bis (2-ethylhexyl) Adipate	ND	0.23	0.50	-	-	-
Bis (2-ethylhexyl) Phthalate	ND	0.0045	0.0050	-	-	-
4-Bromophenyl Phenyl Ether	ND	0.16	0.25	-	-	-
Butylbenzyl Phthalate	ND	0.023	0.025	-	-	-
4-Chloroaniline	ND	0.0016	0.0025	-	-	-
4-Chloro-3-methylphenol	ND	0.16	0.25	-	-	-
2-Chloronaphthalene	ND	0.20	0.25	-	-	-
2-Chlorophenol	ND	0.0026	0.0050	-	-	-
4-Chlorophenyl Phenyl Ether	ND	0.18	0.25	-	-	-
Chrysene	0.0012,J	0.00098	0.0025	-	-	-
Dibenzo (a,h) anthracene	ND	0.0011	0.0025	-	-	-
Dibenzofuran	ND	0.18	0.25	-	-	-
Di-n-butyl Phthalate	ND	0.0018	0.0025	-	-	-
1,2-Dichlorobenzene	ND	0.13	0.25	-	-	-
1,3-Dichlorobenzene	ND	0.15	0.25	-	-	-
1,4-Dichlorobenzene	ND	0.15	0.25	-	-	-
3,3-Dichlorobenzidine	ND	0.00096	0.0025	-	-	-
2,4-Dichlorophenol	ND	0.0017	0.013	-	-	-
Diethyl Phthalate	ND	0.0023	0.0050	-	-	-
2,4-Dimethylphenol	ND	0.19	0.25	-	-	-
Dimethyl Phthalate	ND	0.0024	0.0025	-	-	-
4,6-Dinitro-2-methylphenol	ND	0.77	1.2	-	-	-

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Quality Control Report

Client:	Farallon Consulting	**WorkOrder:**	1906A98
Date Prepared:	6/24/19	**BatchID:**	180203
Date Analyzed:	6/24/19 - 6/25/19	**Extraction Method:**	SW3550B/3640A
Instrument:	GC17, GC21	**Analytical Method:**	SW8270C
Matrix:	Soil	**Unit:**	mg/Kg
Project:	1363-006; Brisbane Quarry	**Sample ID:**	MB/LCS/LCSD-180203

QC Summary Report for SW8270C (Low Level) w/ GPC

Analyte	MB Result	MDL	RL	SPK Val	MB SS %REC	MB SS Limits
2,4-Dinitrophenol	ND	0.058	0.13	-	-	-
2,4-Dinitrotoluene	ND	0.0011	0.0063	-	-	-
2,6-Dinitrotoluene	ND	0.0019	0.0025	-	-	-
Di-n-octyl Phthalate	ND	0.0032	0.0050	-	-	-
1,2-Diphenylhydrazine	ND	0.20	0.25	-	-	-
Fluoranthene	ND	0.0011	0.0013	-	-	-
Fluorene	ND	0.0019	0.0025	-	-	-
Hexachlorobenzene	ND	0.0013	0.0013	-	-	-
Hexachlorobutadiene	ND	0.0017	0.0025	-	-	-
Hexachlorocyclopentadiene	ND	0.13	2.0	-	-	-
Hexachloroethane	ND	0.0012	0.0025	-	-	-
Indeno (1,2,3-cd) pyrene	ND	0.0010	0.0025	-	-	-
Isophorone	ND	0.14	0.25	-	-	-
2-Methylnaphthalene	ND	0.0018	0.0025	-	-	-
2-Methylphenol (o-Cresol)	ND	0.21	0.50	-	-	-
3 & 4-Methylphenol (m,p-Cresol)	ND	0.17	0.25	-	-	-
Naphthalene	ND	0.0013	0.0013	-	-	-
2-Nitroaniline	ND	1.1	1.2	-	-	-
3-Nitroaniline	ND	0.82	1.2	-	-	-
4-Nitroaniline	ND	0.98	1.2	-	-	-
Nitrobenzene	ND	0.15	0.25	-	-	-
2-Nitrophenol	ND	1.1	1.2	-	-	-
4-Nitrophenol	ND	1.2	1.2	-	-	-
N-Nitrosodimethylamine	ND	0.73	1.2	-	-	-
N-Nitrosodiphenylamine	ND	0.18	0.25	-	-	-
N-Nitrosodi-n-propylamine	ND	0.23	0.25	-	-	-
Pentachlorophenol	ND	0.011	0.031	-	-	-
Phenanthrene	ND	0.0011	0.0050	-	-	-
Phenol	ND	0.0016	0.0050	-	-	-
Pyrene	ND	0.0012	0.0025	-	-	-
Pyridine	ND	0.16	0.25	-	-	-
1,2,4-Trichlorobenzene	ND	0.15	0.25	-	-	-
2,4,5-Trichlorophenol	ND	0.0019	0.0025	-	-	-
2,4,6-Trichlorophenol	ND	0.0012	0.013	-	-	-

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Quality Control Report

Client:	Farallon Consulting	**WorkOrder:**	1906A98
Date Prepared:	6/24/19	**BatchID:**	180203
Date Analyzed:	6/24/19 - 6/25/19	**Extraction Method:**	SW3550B/3640A
Instrument:	GC17, GC21	**Analytical Method:**	SW8270C
Matrix:	Soil	**Unit:**	mg/Kg
Project:	1363-006; Brisbane Quarry	**Sample ID:**	MB/LCS/LCSD-180203

QC Summary Report for SW8270C (Low Level) w/ GPC

Analyte	MB Result	MDL	RL	SPK Val	MB SS %REC	MB SS Limits
Surrogate Recovery						
2-Fluorophenol	2.3			2.5	92	71-114
Phenol-d5	2.2			2.5	89	72-121
Nitrobenzene-d5	2.1			2.5	86	70-134
2-Fluorobiphenyl	2.1			2.5	83	69-118
2,4,6-Tribromophenol	1.8			2.5	70	53-139
4-Terphenyl-d14	2.1			2.5	83	69-128

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Quality Control Report

Client:	Farallon Consulting	**WorkOrder:**	1906A98
Date Prepared:	6/24/19	**BatchID:**	180203
Date Analyzed:	6/24/19 - 6/25/19	**Extraction Method:**	SW3550B/3640A
Instrument:	GC17, GC21	**Analytical Method:**	SW8270C
Matrix:	Soil	**Unit:**	mg/Kg
Project:	1363-006; Brisbane Quarry	**Sample ID:**	MB/LCS/LCSD-180203

QC Summary Report for SW8270C (Low Level) w/ GPC

Analyte	LCS Result	LCSD Result	SPK Val	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Limit
Acenaphthene	0.12	0.11	0.12	98	91	83-119	7.18	30
Acenaphthylene	0.12	0.12	0.12	99	93	80-123	6.98	30
Anthracene	0.12	0.11	0.12	93	89	84-130	4.34	30
Benzidine	3.1	3.1	12.5	25, F2	25, F2	35-76	0	30
Benzo (a) anthracene	0.11	0.10	0.12	85	81	81-123	4.74	30
Benzo (a) pyrene	0.12	0.12	0.12	96	98	83-137	2.80	30
Benzo (b) fluoranthene	0.12	0.12	0.12	94	98	84-137	3.50	30
Benzo (g,h,i) perylene	0.10	0.11	0.12	83	87	74-133	3.60	30
Benzo (k) fluoranthene	0.12	0.12	0.12	93	95	78-131	2.24	30
Benzyl Alcohol	13	13	12.5	104	108	71-125	3.95	30
Bis (2-chloroethoxy) Methane	2.5	2.5	2.5	99	101	89-126	1.89	30
Bis (2-chloroethyl) Ether	0.11	0.12	0.12	90	93	77-112	3.93	30
Bis (2-chloroisopropyl) Ether	0.12	0.13	0.12	97	106	77-127	8.81	30
Bis (2-ethylhexyl) Adipate	2.6	2.5	2.5	103	101	69-155	1.95	30
Bis (2-ethylhexyl) Phthalate	0.13	0.12	0.12	100	97	81-148	2.78	30
4-Bromophenyl Phenyl Ether	2.4	2.4	2.5	95	94	80-121	0.700	30
Butylbenzyl Phthalate	0.13	0.12	0.12	101	97	82-141	3.77	30
4-Chloroaniline	0.099	0.10	0.12	79	80	65-120	1.51	30
4-Chloro-3-methylphenol	2.6	2.6	2.5	105	105	94-132	0	30
2-Chloronaphthalene	2.5	2.3	2.5	101	93	77-127	8.65	30
2-Chlorophenol	0.12	0.13	0.12	99	104	83-117	5.26	30
4-Chlorophenyl Phenyl Ether	2.3	2.2	2.5	92	87	83-125	5.85	30
Chrysene	0.11	0.11	0.12	91	87	81-127	4.69	30
Dibenzo (a,h) anthracene	0.11	0.11	0.12	90	91	74-145	1.85	30
Dibenzofuran	2.5	2.3	2.5	100	92	81-120	8.94	30
Di-n-butyl Phthalate	0.12	0.11	0.12	93	89	87-134	4.76	30
1,2-Dichlorobenzene	2.1	2.2	2.5	84	88	76-104	4.50	30
1,3-Dichlorobenzene	2.2	2.3	2.5	89	90	72-106	1.73	30
1,4-Dichlorobenzene	2.0	2.1	2.5	81	83	75-109	3.54	30
3,3-Dichlorobenzidine	0.085	0.084	0.12	68	67	44-130	1.28	30
2,4-Dichlorophenol	2.5	2.5	2.5	100	100	83-135	0	30
Diethyl Phthalate	0.13	0.12	0.12	103	95	88-126	7.60	30
2,4-Dimethylphenol	2.7	2.7	2.5	107	108	76-139	0.503	30
Dimethyl Phthalate	0.12	0.11	0.12	100	92	86-123	8.09	30
4,6-Dinitro-2-methylphenol	12	12	12.5	95	93	74-127	1.69	30
2,4-Dinitrophenol	0.46	0.45	0.62	74	71	43-125	3.96	30
2,4-Dinitrotoluene	0.14	0.13	0.12	111	105	28-166	5.70	30
2,6-Dinitrotoluene	0.14	0.13	0.12	113	105	85-137	7.59	30

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Quality Control Report

Client:	Farallon Consulting	**WorkOrder:**	1906A98
Date Prepared:	6/24/19	**BatchID:**	180203
Date Analyzed:	6/24/19 - 6/25/19	**Extraction Method:**	SW3550B/3640A
Instrument:	GC17, GC21	**Analytical Method:**	SW8270C
Matrix:	Soil	**Unit:**	mg/Kg
Project:	1363-006; Brisbane Quarry	**Sample ID:**	MB/LCS/LCSD-180203

QC Summary Report for SW8270C (Low Level) w/ GPC

Analyte	LCS Result	LCSD Result	SPK Val	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Limit
Di-n-octyl Phthalate	0.14	0.14	0.12	109	115	75-153	6.06	30
1,2-Diphenylhydrazine	2.4	2.2	2.5	95	89	82-133	6.77	30
Fluoranthene	0.12	0.11	0.12	93	87	84-136	6.94	30
Fluorene	0.13	0.12	0.12	106	100	71-144	5.96	30
Hexachlorobenzene	0.11	0.10	0.12	86	83	79-116	3.61	30
Hexachlorobutadiene	0.12	0.12	0.12	94	94	80-122	0	30
Hexachlorocyclopentadiene	11	10	12.5	88	83	57-112	6.02	30
Hexachloroethane	0.11	0.11	0.12	87	90	70-106	4.27	30
Indeno (1,2,3-cd) pyrene	0.11	0.11	0.12	88	89	75-139	2.04	30
Isophorone	2.5	2.4	2.5	98	98	87-127	0	30
2-Methylnaphthalene	0.13	0.13	0.12	101	101	78-134	0	30
2-Methylphenol (o-Cresol)	2.6	2.7	2.5	102	106	81-117	3.67	30
3 & 4-Methylphenol (m,p-Cresol)	2.6	2.7	2.5	104	108	76-119	3.63	30
Naphthalene	0.094	0.093	0.12	75, F2	75, F2	80-115	0	30
2-Nitroaniline	14	13	12.5	111	102	88-135	8.77	30
3-Nitroaniline	11	11	12.5	90	86	63-129	4.17	30
4-Nitroaniline	12	11	12.5	94	88	75-133	5.70	30
Nitrobenzene	2.6	2.6	2.5	105	106	83-125	0.572	30
2-Nitrophenol	14	14	12.5	112	111	90-132	0.511	30
4-Nitrophenol	11	11	12.5	89	85	77-141	4.95	30
N-Nitrosodiphenylamine	2.3	2.2	2.5	92	90	84-123	3.05	30
N-Nitrosodi-n-propylamine	2.3	2.3	2.5	91	94	78-117	3.27	30
Pentachlorophenol	0.58	0.55	0.62	93	88	65-157	5.15	30
Phenanthrene	0.11	0.10	0.12	86	82	82-119	4.58	30
Phenol	0.47	0.49	0.50	94	98	66-125	4.45	30
Pyrene	0.12	0.12	0.12	96	93	81-132	3.35	30
Pyridine	1.4	1.4	2.5	58	57	34-84	2.27	30
1,2,4-Trichlorobenzene	2.5	2.4	2.5	99	98	73-129	1.11	30
2,4,5-Trichlorophenol	0.13	0.12	0.12	106	98	81-134	7.62	30
2,4,6-Trichlorophenol	0.13	0.12	0.12	104	98	83-129	6.15	30

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Quality Control Report

Client:	Farallon Consulting	**WorkOrder:**	1906A98
Date Prepared:	6/24/19	**BatchID:**	180203
Date Analyzed:	6/24/19 - 6/25/19	**Extraction Method:**	SW3550B/3640A
Instrument:	GC17, GC21	**Analytical Method:**	SW8270C
Matrix:	Soil	**Unit:**	mg/Kg
Project:	1363-006; Brisbane Quarry	**Sample ID:**	MB/LCS/LCSD-180203

QC Summary Report for SW8270C (Low Level) w/ GPC

Analyte	LCS Result	LCSD Result	SPK Val	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Limit
Surrogate Recovery								
2-Fluorophenol	1.4	1.6	1.25	110	128, F3	71-114	15.2	30
Phenol-d5	1.4	1.6	1.25	110	126, F3	72-121	13.4	30
Nitrobenzene-d5	1.5	1.6	1.25	117	128	70-134	9.08	30
2-Fluorobiphenyl	1.3	1.4	1.25	108	110	69-118	1.95	30
2,4,6-Tribromophenol	1.2	1.3	1.25	100	103	53-139	3.18	30
4-Terphenyl-d14	1.4	1.5	1.25	112	120	69-128	6.86	30

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Quality Control Report

Client:	Farallon Consulting	**WorkOrder:**	1906A98
Date Prepared:	6/21/19	**BatchID:**	180149
Date Analyzed:	6/24/19	**Extraction Method:**	SW3050B
Instrument:	ICP-MS1	**Analytical Method:**	SW6020
Matrix:	Soil	**Unit:**	mg/Kg
Project:	1363-006; Brisbane Quarry	**Sample ID:**	MB/LCS/LCSD-180149 1906A98-001AMS/MSD 1906A98-001APDS

QC Summary Report for Metals

Analyte	MB Result	MDL	RL	SPK Val	MB SS %REC	MB SS Limits
Antimony	ND	0.094	0.50	-	-	-
Arsenic	ND	0.14	0.50	-	-	-
Barium	ND	0.97	5.0	-	-	-
Beryllium	ND	0.072	0.50	-	-	-
Cadmium	ND	0.058	0.25	-	-	-
Chromium	ND	0.092	0.50	-	-	-
Cobalt	ND	0.056	0.50	-	-	-
Copper	ND	0.069	0.50	-	-	-
Lead	ND	0.094	0.50	-	-	-
Mercury	0.013,J	0.0050	0.050	-	-	-
Molybdenum	ND	0.23	0.50	-	-	-
Nickel	ND	0.072	0.50	-	-	-
Selenium	ND	0.13	0.50	-	-	-
Silver	ND	0.055	0.50	-	-	-
Thallium	ND	0.10	0.50	-	-	-
Vanadium	ND	0.064	0.50	-	-	-
Zinc	ND	1.4	5.0	-	-	-
Surrogate Recovery						
Terbium	510			500	101	70-130

(Cont.)

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Quality Control Report

Client:	Farallon Consulting	**WorkOrder:**	1906A98
Date Prepared:	6/21/19	**BatchID:**	180149
Date Analyzed:	6/24/19	**Extraction Method:**	SW3050B
Instrument:	ICP-MS1	**Analytical Method:**	SW6020
Matrix:	Soil	**Unit:**	mg/Kg
Project:	1363-006; Brisbane Quarry	**Sample ID:**	MB/LCS/LCSD-180149 1906A98-001AMS/MSD 1906A98-001APDS

QC Summary Report for Metals

Analyte	LCS Result	LCSD Result	SPK Val	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Limit
Antimony	53	52	50	105	105	75-125	0	20
Arsenic	49	49	50	99	98	75-125	0.426	20
Barium	530	530	500	106	106	75-125	0	20
Beryllium	53	54	50	107	109	75-125	1.90	20
Cadmium	50	51	50	100	101	75-125	0.773	20
Chromium	51	52	50	102	104	75-125	1.77	20
Cobalt	52	53	50	104	106	75-125	0.991	20
Copper	52	52	50	103	103	75-125	0	20
Lead	51	50	50	102	101	75-125	1.24	20
Mercury	1.3	1.3	1.25	102	103	75-125	0.860	20
Molybdenum	51	51	50	102	103	75-125	0.587	20
Nickel	51	52	50	102	104	75-125	1.54	20
Selenium	51	52	50	102	104	75-125	2.08	20
Silver	52	52	50	104	104	75-125	0	20
Thallium	51	51	50	103	102	75-125	0.881	20
Vanadium	50	51	50	101	102	75-125	1.32	20
Zinc	510	510	500	103	103	75-125	0	20
Surrogate Recovery								
Terbium	510	520	500	102	104	70-130	1.30	20

Analyte	MS DF	MS Result	MSD Result	SPK Val	SPKRef Val	MS %REC	MSD %REC	MS/MSD Limits	RPD	RPD Limit
Antimony	1	53	53	50	ND	106	106	75-125	0	20
Arsenic	1	59	55	50	3.132	112	104	75-125	7.39	20
Barium	1	620	630	500	34.77	118	119	75-125	1.16	20
Beryllium	1	53	53	50	ND	105	105	75-125	0	20
Cadmium	1	51	51	50	ND	102	102	75-125	0	20
Chromium	1	110	140	50	46.60	118	181,F10	75-125	25.9,F10	20
Cobalt	1	62	62	50	5.170	113	114	75-125	0.452	20
Copper	1	72	66	50	5.491	132,F10	122	75-125	7.48	20
Lead	1	56	62	50	3.189	105	118	75-125	10.8	20
Mercury	1	1.3	1.4	1.25	ND	105	109	75-125	3.75	20
Molybdenum	1	52	52	50	ND	103	104	75-125	0.654	20
Nickel	1	110	160	50	31.48	159,F10	256,F10	75-125	36,F10	20
Selenium	1	51	52	50	ND	102	104	75-125	1.73	20
Silver	1	52	52	50	ND	104	105	75-125	0.768	20

(Cont.)

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Quality Control Report

Client:	Farallon Consulting	**WorkOrder:**	1906A98
Date Prepared:	6/21/19	**BatchID:**	180149
Date Analyzed:	6/24/19	**Extraction Method:**	SW3050B
Instrument:	ICP-MS1	**Analytical Method:**	SW6020
Matrix:	Soil	**Unit:**	mg/Kg
Project:	1363-006; Brisbane Quarry	**Sample ID:**	MB/LCS/LCSD-180149 1906A98-001AMS/MSD 1906A98-001APDS

QC Summary Report for Metals

Analyte	MS DF	MS Result	MSD Result	SPK Val	SPKRef Val	MS %REC	MSD %REC	MS/MSD Limits	RPD	RPD Limit
Thallium	1	52	52	50	ND	104	105	75-125	0.998	20
Vanadium	1	100	100	50	33.09	141,F10	136,F10	75-125	2.64	20
Zinc	1	580	560	500	20.42	112	107	75-125	4.21	20
Surrogate Recovery										
Terbium	1	520	530	500		104	105	70-130	1.18	20

Analyte	PDS Result	SPK Val	SPKRef Val	PDS %REC	PDS Limits
Chromium	95	50	46.60	97	75-125
Copper	56	50	5.491	100	75-125
Nickel	81	50	31.48	99	75-125
Vanadium	82	50	33.09	98	75-125

Analyte	DLT Result	DLTRef Val	%D	%D Limit
Antimony	ND<2.5	ND	-	-
Arsenic	3.0	3.132	4.21	-
Barium	34	34.77	2.21	-
Beryllium	ND<2.5	ND	-	-
Cadmium	ND<1.2	ND	-	-
Chromium	47	46.60	0.858	20
Cobalt	5.2	5.170	0.580	-
Copper	5.4	5.491	1.66	-
Lead	3.2	3.189	0.345	-
Mercury	ND<0.25	ND	-	-
Molybdenum	ND<2.5	ND	-	-
Nickel	31	31.48	1.52	20
Selenium	ND<2.5	ND	-	-
Silver	ND<2.5	ND	-	-
Thallium	ND<2.5	ND	-	-
Vanadium	33	33.09	0.272	20
Zinc	ND<25	20.42	-	-

%D Control Limit applied to analytes with concentrations greater than 25 times the reporting limits.

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Quality Control Report

Client:	Farallon Consulting	**WorkOrder:**	1906A98
Date Prepared:	6/21/19	**BatchID:**	180147
Date Analyzed:	6/23/19 - 6/26/19	**Extraction Method:**	SW5035
Instrument:	GC3, GC7	**Analytical Method:**	SW8021B/8015Bm
Matrix:	Soil	**Unit:**	mg/Kg
Project:	1363-006; Brisbane Quarry	**Sample ID:**	MB/LCS/LCSD-180147

QC Summary Report for SW8021B/8015Bm

Analyte	MB Result	MDL	RL	SPK Val	MB SS %REC	MB SS Limits
TPH(g) (C6-C12)	ND	0.090	1.0	-	-	-
MTBE	ND	0.0023	0.050	-	-	-
Benzene	ND	0.0010	0.0050	-	-	-
Toluene	ND	0.0012	0.0050	-	-	-
Ethylbenzene	ND	0.0020	0.0050	-	-	-
m,p-Xylene	ND	0.0013	0.010	-	-	-
o-Xylene	ND	0.0013	0.0050	-	-	-
Surrogate Recovery						
2-Fluorotoluene	0.074			0.10	74,F3	75-134

Analyte	LCS Result	LCSD Result	SPK Val	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Limit
TPH(btex)	0.61	0.66	0.60	102	110	82-118	7.38	20
MTBE	0.081	0.087	0.10	81	87	61-119	7.38	20
Benzene	0.090	0.096	0.10	90	97	77-128	6.98	20
Toluene	0.096	0.10	0.10	96	103	74-132	6.98	20
Ethylbenzene	0.097	0.10	0.10	97	104	84-127	6.90	20
m,p-Xylene	0.20	0.21	0.20	98	105	80-120	6.63	20
o-Xylene	0.094	0.10	0.10	94	102	80-120	7.65	20
Surrogate Recovery								
2-Fluorotoluene	0.089	0.088	0.10	89	88	75-134	0.917	20

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Quality Control Report

Client:	Farallon Consulting	**WorkOrder:**	1906A98
Date Prepared:	6/21/19	**BatchID:**	180105
Date Analyzed:	6/21/19 - 6/26/19	**Extraction Method:**	SW3550B
Instrument:	GC11A	**Analytical Method:**	SW8015B
Matrix:	Soil	**Unit:**	mg/Kg
Project:	1363-006; Brisbane Quarry	**Sample ID:**	MB/LCS/LCSD-180105

QC Report for SW8015B w/out SG Clean-Up

Analyte	MB Result	MDL	RL	SPK Val	MB SS %REC	MB SS Limits
TPH-Diesel (C10-C23)	ND	0.83	1.0	-	-	-
TPH-Motor Oil (C18-C36)	ND	3.8	5.0	-	-	-
Surrogate Recovery						
C9	24			25	98	72-122

Analyte	LCS Result	LCSD Result	SPK Val	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Limit
TPH-Diesel (C10-C23)	40	41	40	101	103	75-128	1.50	30
Surrogate Recovery								
C9	24	24	25	96	95	72-122	0.619	30

(Cont.)

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Quality Control Report

Client:	Farallon Consulting	**WorkOrder:**	1906A98
Date Prepared:	6/21/19	**BatchID:**	180150
Date Analyzed:	6/22/19 - 6/27/19	**Extraction Method:**	SW3550B
Instrument:	GC11B, GC9b	**Analytical Method:**	SW8015B
Matrix:	Soil	**Unit:**	mg/Kg
Project:	1363-006; Brisbane Quarry	**Sample ID:**	MB/LCS/LCSD-180150 1906A98-002AMS/MSD

QC Report for SW8015B w/out SG Clean-Up

Analyte	MB Result	MDL	RL	SPK Val	MB SS %REC	MB SS Limits
TPH-Diesel (C10-C23)	ND	0.83	1.0	-	-	-
TPH-Motor Oil (C18-C36)	ND	3.8	5.0	-	-	-
Surrogate Recovery						
C9	23			25	93	72-122

Analyte	LCS Result	LCSD Result	SPK Val	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Limit
TPH-Diesel (C10-C23)	37	37	40	93	93	75-128	0	30
Surrogate Recovery								
C9	23	23	25	93	94	72-122	1.02	30

Analyte	MS DF	MS Result	MSD Result	SPK Val	SPKRef Val	MS %REC	MSD %REC	MS/MSD Limits	RPD	RPD Limit
TPH-Diesel (C10-C23)	1	52	50	40	4.515	119	113	71-134	4.91	30
Surrogate Recovery										
C9	1	25	25	25		99	98	78-126	0.189	30

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CHAIN-OF-CUSTODY RECORD

WorkOrder: 1906A98 **ClientCode: FCOKC**

☐ WaterTrax ☐ WriteOn ☐ EDF ☐ Excel ☐ EQuIS ☐ Email ☐ HardCopy ☐ ThirdParty ☐ J-flag
☐ Detection Summary ☒ Dry-Weight

Report to:
Ryan Charney
Farallon Consulting
180 Grand Avenue, Suite 900
Oakland, CA 94612
(510) 879-6801 FAX:

Email: rcharney@farallonconsulting.com
cc/3rd Party: gfisco@farallonconsulting.com;
PO:
Project: 1363-006; Brisbane Quarry

Bill to:
Accounts Payable
Farallon Consulting
180 Grand Avenue, Suite 900
Oakland, CA 94612
ap@farallonconsulting.com

Requested TAT: **5 days;**

Date Received: **06/21/2019**
Date Logged: **06/21/2019**

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
1906A98-001	B-2	Soil	6/20/2019 06:55	☐	A	A	A	A	A	A						
1906A98-002	B-3	Soil	6/20/2019 10:00	☐	A	A	A	A	A	A						

Test Legend:

1	8260B_SCAN-SIM_E	2	8270_SCSM_GPC_S	3	CAM17MS_TTLC_S	4	CARB435_400
5	G-MBTEX_S	6	TPH(DMO)_S	7		8	
9		10		11		12	

Project Manager: Rosa Venegas **Prepared by: Nancy Palacios**

The following SampIDs: 001A, 002A contain testgroup Multi Range_S.

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: FARALLON CONSULTING **Project:** 1363-006; Brisbane Quarry **Work Order:** 1906A98
Client Contact: Ryan Charney **QC Level:** LEVEL 2
Contact's Email: rcharney@farallonconsulting.com **Comments:** **Date Logged:** 6/21/2019

☐ WaterTrax ☐ WriteOn ☐ EDF ☐ Excel ☐ EQuIS ☐ 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
1906A98-001A	B-2	Soil	Multi-Range TPH	3	16OZ GJ, Unpres + 2-Encores	☐	6/20/2019 6:55	5 days		☐	
			Asbestos, CARB 435, 400 Point			☐		5 days		☐	
			SW6020 (CAM 17)			☐		5 days		☐	
			SW8270C (Low Level SVOCs) with GPC Cleanup			☐		5 days		☐	
			SW8260B (VOCs, Scan SIM) (Encore)			☐		5 days		☐	
1906A98-002A	B-3	Soil	Multi-Range TPH	3	16OZ GJ, Unpres + 2-Encores	☐	6/20/2019 10:00	5 days		☐	
			Asbestos, CARB 435, 400 Point			☐		5 days		☐	
			SW6020 (CAM 17)			☐		5 days		☐	
			SW8270C (Low Level SVOCs) with GPC Cleanup			☐		5 days		☐	
			SW8260B (VOCs, Scan SIM) (Encore)			☐		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.

General COC

MAI Work Order # 1906A98

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CHAIN OF CUSTODY RECORD

Turn Around Time:	1 Day Rush		2 Day Rush		3 Day Rush		STD	●	Quote #										
J-Flag / MDL		ESL	●	Cleanup Approved		Dry Weight		Bottle Order #											
Delivery Format:	PDF	●	GeoTracker EDF		EDD	●	Write On (DW)		Detect Summary										

Report To:	Bill To:
Company: Farallon Consulting	
Email: rcharney@farallonconsulting.com	
Alt Email: gfisco@farallonconsulting.com	Tele:
Project Name: Brisbane Quarry	Project #: 1363-006
Project Location: Brisbane, CA	PO #
Sampler Signature: Ryan Cheng	

SAMPLE ID Location / Field Point	Sampling Date	Sampling Time	#Containers	Matrix	Preservative	Analysis Requested: VOCs 8260B (low levels)	SVOCs 8270C (low levels)	CAM17 Metals 6020	Asbestos CARB435	TPH-mo/D 8015B	TPH-G/BTEX 8021B/8015Bm
B-2	6-20-19	655	3	S		X	X	X	X	X	X
B-3	↓	1000	↓	↓		X	X	X	X	X	X

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.

* If metals are requested for water samples and the water type (Matrix) is not specified on the chain of custody, MAI will default to metals by E200.8.

Please provide an adequate volume of sample. If the volume is not sufficient for a MS/MSD a LCS/LCSD will be prepared in its place and noted in the report.

Comments / Instructions

Relinquished By / Company Name	Date	Time	Received By / Company Name	Date	Time
Ryan Cheng	6/20/19	1400	AP	6/21/19	0900
LAP	6/21/19	1530	Nancy Palacios	6-21-19	1530

Matrix Code: DW=Drinking Water, GW=Ground Water, WW=Waste Water, SW=Seawater, S=Soil, SL=Sludge, A=Air, WP=Wipe, O=Other

Preservative Code: 1=4°C 2=HCl 3=H_2SO_4 4=HNO_3 5=NaOH 6=ZnOAc/NaOH 7=None

Temp 1.6 °C Initials NST

Page ___ of ___

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Sample Receipt Checklist

Client Name:	**Farallon Consulting**	Date and Time Received	**6/21/2019 15:30**
Project:	**1363-006; Brisbane Quarry**	Date Logged:	**6/21/2019**
		Received by:	Nancy Palacios
WorkOrder №:	**1906A98** Matrix: Soil	Logged by:	Nancy Palacios
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	☐		
(Ice Type: WET ICE)						
Sample/Temp Blank temperature	Temp: 1.6°C				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	☑

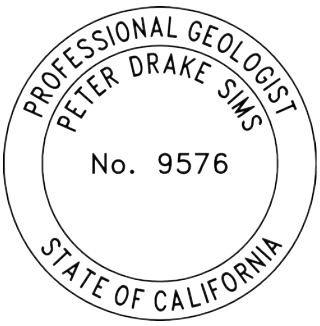
Comments:

REVISED ADDITIONAL ENVIRONMENTAL INVESTIGATION REPORT

Brisbane Quarry
1 Quarry Road
Brisbane, California

Farallon PN: 1363-006

October 3, 2023



Prepared by:

Peter D. Sims, P.G.
Associate Geologist

Reviewed by:

Scott Allin, R.E.P.A.
Principal Environmental Scientist

For:
Orchard Partners, LLC
3697 Mount Diablo Boulevard, Suite 200
Lafayette, California 94549

Submitted by:
Farallon Consulting, L.L.C.
330 Franklin Street
Oakland, California 94607

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ACRONYMS AND ABBREVIATIONS

AST	aboveground storage tank
bgs	below ground surface
ESA	Environmental Site Assessment
ERIS	Environmental Risk Information Services
ESL	Environmental Screening Level
Farallon	Farallon Consulting, L.L.C.
FM	fill material
GPR	ground penetrating radar
HASP	Health and Safety Plan
MCSA	maintenance and/or chemical storage area
MMP	Media Management Plan
µg/l	micrograms per liter
mg/kg	milligrams per kilogram
Orchard	Orchard Partners, LLC
PAHs	polycyclic aromatic hydrocarbons
PID	photoionization detector
Site	property at 1 Quarry Road in Brisbane, California
SAP	Sampling and Analysis Plan
SMCHD	San Mateo County Health Department
TPH	total petroleum hydrocarbons
TPHd	TPH as diesel-range organics
TPHg	TPH as gasoline-range organics
USGS	U.S. Geological Survey
UST	underground storage tank
VOC	volatile organic compound

1.0 INTRODUCTION

Farallon Consulting, L.L.C. (Farallon) has prepared this Additional Environmental Investigation Report for Orchard Partners, LLC (Orchard) to present the findings from investigation activities completed at the property at 1 Quarry Road in Brisbane, California (herein referred to as the Site) (Figure 1). The additional environmental investigation was completed to further investigate areas of potential environmental concern as defined by consultants for the City of Brisbane during their evaluation of the Site redevelopment plan. The additional environmental investigation was performed in accordance with the Additional Investigation Work Plan*, Brisbane Quarry, 1 Quarry Road, Brisbane, California* dated March 29, 2023 prepared by Farallon (2023) (Work Plan).

This report has been organized into the following sections:

- **Section 2, Site Background**, summarizes pertinent background information regarding the Site including areas of concern identified by consultants for the City of Brisbane.
- **Section 3, Physical Setting**, provides the topography, geology, and hydrogeology of the Site.
- **Section 4, Additional Investigation Field Program**, presents methodologies used during the additional investigation.
- **Section 5, Additional Investigation Findings**, presents the analytical results obtained from each area of potential environmental concern, along with deviations or modifications from the scope of work presented in the Work Plan, and the regulatory screening levels that will be used to evaluated data obtained.
- **Section 6, Additional Investigation Conclusions and Recommendations**, provides Farallon's conclusions and recommendations based on the findings from the additional investigation.
- **Section 7, References**, provides a list of the documents cited in this report.
- **Section 8, Limitations**, presents Farallon's standard limitations applicable to this report.

2.0 SITE BACKGROUND

This section describes the Site location, current site description and Site operations, previous environmental investigations conducted at the Site, and the outstanding potential environmental concerns that are the subject of this additional environmental investigation.

2.1 SITE LOCATION

The Site is southwest of the termination of Quarry Road, approximately 1.5 miles west of Highway 101. The current Site address is 1 Quarry Road, but historical documents also use 1 Old Quarry Road as the Site address. The location is in a primarily commercial and industrial area approximately 7 miles south of downtown San Francisco. The nearest residential development is approximately 0.6 mile west of the Site. The Site vicinity is shown on Figure 1.

2.2 SITE DESCRIPTION

The Site consists of San Mateo County Parcel Nos. 005-270-070, 005-270-080, 005-270-090, and 005-270-110, which total approximately 144 acres of land developed with several small single-story office buildings and storage canopies. All structures and storage features are less than 1,000 square feet in size. The storage canopies were used to store nonhazardous and hazardous materials and wastes related to active quarrying operations historically conducted on the Site. Other features on the Site include asphalt mixing equipment, rock-crushing equipment, recycled material piles, and stormwater/seepage ponds. The dates of construction of the Site features were not located, but based on historical research, some features date back to the late 1800s and early 1900s. Dirt- and gravel-surface roadways are present on the Site. Vehicular access to the Site is gained from Quarry Road at the northeastern corner of the Site. Figure 2 presents a plan map of the Site.

2.3 SITE OPERATIONS

The Site is owned by several individuals and trusts, and is under contract for purchase by Orchard. The Site is occupied by Evans Brothers, Inc. (Evans Brothers), part of the ownership group, and is used primarily as a rock quarry. Operations primarily include asphalt mixing, rock crushing, and metal and concrete recycling. Historically, sand has been imported from several construction sites around the Bay Area and used for mixing in asphalt-generation operations. Imported sand under current operations, which began in 1978, originated from construction sites in the San Francisco area, which required screening for chemical impact by the City of San Francisco as part of development activities. According to representatives of Evans Brothers, the import material consisted of dune sand from depths of 20 to 50 feet

below grade. Details regarding material that may have been imported prior to 1978 are not known. Since approximately 2019, Site operations have been reduced and consist of material export.

Excavators and equipment reportedly are maintained by a mobile outside contractor. Virgin oil used and petroleum wastes generated by Site operations are stored on the Site. Virgin oil storage generally consists of a 20,000-gallon heavy oil aboveground storage tank (AST) and a 1,000-gallon tack oil AST. The heavy oil is mixed with sand to make liquid asphalt, and the tack oil is used as an asphalt sealant. Shortly after it is made, liquid asphalt is transported off the Site along with a corresponding supply of asphalt sealant, where it is used for various development and roadway projects. Waste oil generated from the use of on-Site equipment primarily is stored in a 500-gallon AST. Other materials used in connection with on-Site operations include an oxygen tank, an acetylene tank, several water tanks, and various maintenance and cleaning supplies. Solvents are not currently used and, according to Site representatives, have not been historically used, stored, or generated on the Site. Several stormwater capture or natural seepage ponds are present on the Site; water from these ponds is used for truck traffic dust control.

2.4 PREVIOUS ENVIRONMENTAL INVESTIGATIONS

The historical record for the Site contained extensive correspondence and numerous reports related to underground storage tank (UST) removal and cleanup actions completed under the oversight of the San Mateo County Health Department (SMCHD). According to SMCHD records, the USTs included two 10,000-gallon USTs (one diesel fuel and one gasoline) near the Site entrance that were removed in July 1986, and an 8,000-gallon diesel fuel UST near the asphalt plant that was removed in April 1992. Investigation and cleanup actions were completed between 1990 and 1996, and the SMCHD issued case closure in a memorandum regarding Site No. 560002, American Rock and Asphalt, 1 Old Quarry Road, Brisbane, California 94005 dated May 13, 1999, from the Groundwater Protection Program staff to file.

In 2006, four USTs containing asphalt or asphalt emulsion that were installed in the 1960s were cleaned and removed. These USTs were encased in asphalt and a portion of one remained in-place due to the presence of nearby structures. During removal, limited over-excavation of hardened asphalt material was conducted at the bottom and sidewalls of the excavation. SMCHD issued conditional closure of the asphalt oil USTs in a letter regarding Residual Hydrocarbons at 1 Old Quarry Road, Brisbane, California dated April 18, 2007 from Charles Ice of SMCHD to Bill Prince of the City of Brisbane (closure letter). The closure letter

indicated residual petroleum impact exists proximate to the former USTs, and notification to SMCHD is required in the event of a future change in land use.

In addition to the UST-related reports and correspondence, the following reports were prepared for the Site:

- *Phase I Environmental Site Assessment, California Rock and Asphalt, Inc., Brisbane, California* dated May 13, 1999 prepared by Lowney Associates (1999 Phase I ESA);
- *One Quarry Road Residential Project Environmental Impact Report* dated April 2001 prepared by LSA Associates, Inc.;
- *Phase I Environmental Site Assessment Report, Brisbane Quarry, 1 Quarry Road, Brisbane, California* dated January 16, 2019 prepared by Farallon (2019 Phase I ESA);
- Letter Regarding Phase II Environmental Site Assessment Findings, Brisbane Quarry, 1 Quarry Road, Brisbane, California dated August 21, 2019, prepared by Farallon (2019 Phase II ESA); and
- Geotechnical Feasibility Evaluation, Crocker Logistics Center, 1 Quarry Road, Brisbane, California dated February 16, 2022, prepared by Cornerstone Earth Group (2022 Geotechnical Study).

The findings from the above documents identified a number of historical issues of potential environmental concern that warranted either further investigation or management during redevelopment. During performance of the 2019 Phase I ESA, Farallon identified a significant amount of fill material at the Site. Several large stockpiles of imported concrete and sand were observed during the site reconnaissance. The concrete is recycled into aggregate; the sand is added to asphalt in the mixing process. According to Site occupants, the sand was imported from several construction sites in the San Francisco area and consists of dune sand that existed beneath fill material. The dune sand reportedly was imported to the Site following environmental testing, and as necessary, environmental cleanup of the overlying fill material. The documentation of the environmental testing performed could not be verified.

The 2019 Phase II ESA consisted of sampling imported sand from the southern portion of the Site. The findings from the 2019 Phase II ESA did not identify conditions that would adversely affect commercial use of the Site.

The 2022 Geotechnical Study describes geotechnical borings advanced at the Site by Cornerstone in 2021 and others in 1987, 2000, and 2003. Subsurface material at the Site consists of quarry waste fills to depths of up to 156 feet below ground surface. The quarry waste fills are described as highly variable and may consist of soft to hard clays; loose to very dense sands and gravels; rubble consisting of steel, concrete, asphalt, and brick; and other materials of variable consistency and density.

2.5 CURRENT CITY EVALUATION AND COMMENTS

During review of the environmental record for the Site, several environmental concerns were identified that, in the opinion of the City of Brisbane's (City's) consultant (Baseline Environmental), had not been adequately addressed for the Site. These included the following:

- Potential releases from historical maintenance and chemical storage areas;
- Potential impact from a former truck bed spray area where diesel fuel was used as a non-stick agent on truck beds;
- Current conditions proximate to former gasoline and diesel USTs on the northeastern portion of the Site;
- Historical reported staining beneath former gasoline and diesel ASTs on the northeastern portion of the Site;
- Other areas of imported fill material that had not been sampled, and previous use of composite soil sample collection methods, as opposed to the use of discrete soil sample collection methods, for laboratory analysis as preferred by the City's consultant;
- Potential for concrete storage/recycling to include asbestos, silica dust, and/or elevated pH (concrete residuals); and
- Notification to SMCHD that a change in land use is proposed, as required by the UST case closure letters.

Based on the above comments, representatives of Farallon and Baseline Environmental inspected the Site on February 15, 2023 to discuss a general scope of work for additional testing. The consultants were accompanied by a representative for the Site operations, Tom Mankins, who has worked at the facility since 1978 and provided comment on historical feature locations and uses. The scope of work agreed upon is outlined in the Work Plan. Deviations or modifications from the Work Plan are summarized in Section 5.1. Notification

to SMCHD of the change in land use will be performed separately from the additional environmental investigation.

3.0 PHYSICAL SETTING

The topography, geology, and hydrogeology of the Site are described in this section.

3.1 TOPOGRAPHY

As part of the 2019 Phase I ESA Report, Farallon reviewed the U.S. Geological Survey (USGS) topographic map for San Francisco South, California dated 2015 provided by Environmental Risk Information Services (ERIS). The map depicts the Site at an average elevation of approximately 226 feet above mean sea level, and ranging from approximately 150 to 700 feet above mean sea level. The Site topography slopes down to the northeast from San Bruno Mountain at the top of the quarry toward Guadalupe Valley at the bottom. The topography in the general vicinity of the Site slopes down to the east toward San Francisco Bay.

3.2 GEOLOGY AND HYDROGEOLOGY

According to the 2022 Geotechnical Study, the Site is underlain by deep quarry fills, colluvium, and alluvium overlying Franciscan Formation bedrock. Quarry waste fills were identified in borings up to approximately 156 feet below ground surface (bgs).

Shallow groundwater flow direction typically can be estimated by examination of surface topography or by nearby surface water bodies. Based on the topography of the Site and vicinity, groundwater is expected to flow to the northeast. According to the 1999 Phase I ESA Report, groundwater has been documented to flow to the northeast, and was encountered at depths of between 12 and 16 feet bgs on the eastern portion of the Site. According to the 2022 Geotechnical Study, groundwater is believed to occur seasonally in variable shallow perched layers across the Site.

4.0 ADDITIONAL INVESTIGATION FIELD PROGRAM

A description of the additional investigation field program is detailed in the following sections. Samples were collected from the locations shown on Figures 2 through 5 in accordance with the sampling and analysis plan (SAP) presented in Table 1. The field program was implemented in accordance with the standard operating procedures presented in Appendix A and described below.

4.1 HEALTH AND SAFETY

In accordance with Part 1910 of Title 29 of the Code of Federal Regulations, a Health and Safety Plan (HASP) was prepared to manage all field activities due to the potential for exposure to hazardous substances.

4.2 PRE-FIELD ACTIVITIES

Prior to performing the subsurface investigation, Farallon completed the following tasks:

- Farallon marked the boring locations with white paint and contacted USA North 811 72 hours prior to drilling, as required by law. Farallon also contracted with a private professional utility locating service to assess the proposed boring locations for the potential presence of underground utilities.
- A geophysical survey was performed in the area of the former gasoline and diesel USTs to assist in accurately locating the former features and excavation areas, as practical.
- Drilling permits were obtained from SMCHD for the borings. The drilling permit is included in Appendix B.

4.3 BORING ADVANCEMENT AND SOIL SAMPLING

Farallon contracted with a California-licensed C-57 drilling subcontractor to advance borings for soil sampling, reconnaissance groundwater sampling, and/or installation of soil gas probes. The borings were advanced with a hand auger, direct-push technology drill rig, or hollow-stem auger drill rig, depending on planned depths, drilling conditions, and location access. Prior to each use, the drilling equipment and down-hole sampling equipment was decontaminated in a solution of non-phosphate detergent, double rinsed with potable water, and allowed to dry.

Direct-push borings were continuously cored to allow Farallon staff to observe lithology. Soil cores were collected from boreholes for logging purposes using an approximately 4-foot-long sampler that contained new acetate liners to retain relatively undisturbed continuous soil

cores. Hollow-stem auger borings were sampled every 5 feet using a 1.5-foot long split spoon sampler to retain soil cores. A Farallon scientist under the supervision of a California-licensed Professional Geologist or Engineer logged Site soil using the visual-manual procedures of ASTM International Standard D2488-09a for guidance, which is based on the Unified Soil Classification System. Soil moisture, occurrence of groundwater, physical indications of potential contamination (e.g., odor, staining), and field-screening results obtained using a photoionization detector (PID) were recorded on boring logs included in Appendix C.

During drilling, soil cores were field-screened using a PID to evaluate the potential presence of volatile organic compounds (VOCs). To initiate this procedure, a sample of soil from selected depths was placed into a sealed ziplock bag to allow for vapor buildup. After the soil was given time to off-gas, the probe tip of the PID was inserted into the bag and stabilized, and a reading was recorded. Measurements of the headspace were obtained in the parts per million by volume range for total VOCs. Soil samples were collected in laboratory supplied glass jars or in accordance with U.S. Environmental Protection Agency Method 5035 using Terracore samplers if they were to be analyzed for VOCs. Reconnaissance groundwater samples were collected using polyethylene tubing and a low-flow peristaltic pump into laboratory-supplied glass or plastic containers with preservatives appropriate for the analyses requested.

Soil sample depths were selected based on visual and PID field screening. All soil samples were screened for visual and PID evidence of impacts, including staining, the presence of rubble, and elevated PID readings. The soil samples selected for analysis were those exhibiting the greatest likelihood of being impacted based on findings from field screening. Additional soil samples were selected for laboratory analysis as deemed warranted by the Professional Geologist in charge based on encountering multiple areas of staining, rubble, or elevated PID readings in a boring. The final soil sample depths are outlined in Table 1.

Upon completion of sampling, borings were backfilled to the surface with neat cement grout using a tremie method, in accordance with drilling permit requirements.

If a boring encountered refusal at a depth less than half the planned total depth, the boring was abandoned and a second step-out boring was attempted to reach the planned total depth. If the second boring encountered refusal before reaching the planned total depth, refusal was declared for the sampling location. If a boring encountered refusal at a depth greater than half the planned total depth, refusal was declared for the sampling location.

4.4 SOIL GAS SAMPLING

The subslab and 5-foot-bgs soil gas probes were sampled in compliance with the *Advisory – Active Soil Gas Investigations* dated July 2015, prepared by the California Environmental Protection Agency (2015) (Advisory), as described below. Soil gas probes were purged using a 6-liter Summa canister. The soil gas samples were collected in individually certified 1-liter Summa canisters under a helium shroud following successful completion of leak-checking procedures and well purging. If groundwater was encountered at a depth of 5 feet bgs or less in a boring designated for soil gas sampling, a reconnaissance groundwater sample was collected in lieu of soil gas sampling if sufficient water for sample collection existed. The reconnaissance groundwater sample was collected in accordance with Section 4.5, Reconnaissance Groundwater Sampling, and analyzed for petroleum hydrocarbons and VOCs.

4.4.1 Soil Gas Probe Installation

The soil gas probes were installed by advancing a 2-inch-diameter boring to 6 inches below the target probe depth. One small-diameter (0.25-inch) Teflon tube with non-reactive screen attached was inserted into the borehole. Approximately 12 inches of filter pack sand was placed in the bottom of the boring (e.g., from depths of 5.5 to 4.5 feet bgs), with the bottom of the Teflon tubing placed midway through the filter pack sand. Following installation of the sand pack, the borehole was grouted to the surface in approximately 6-inch lifts with hydrated bentonite; approximately 6 inches of dry granular bentonite was emplaced between the sand pack and the hydrated bentonite grout to prevent infiltration of the hydrated bentonite into the sand pack.

A valve was fitted to each of the aboveground ends of the tubing and was kept closed prior to purging and sampling. Following installation, a permanent cover was placed over each soil vapor probe for probe protection prior to sampling. The soil gas sampling probes were allowed to equilibrate in accordance with the Advisory prior to purging and sampling.

4.4.2 Subslab Soil Gas Probe Installation

Subslab soil gas probes were installed using a hand-held rotary hammer with a 1.5-inch-diameter drill bit to first drill a borehole to a depth of approximately 1.75 inches into the concrete slab. Second, a 5/8-inch-diameter drill bit was used to drill a borehole to penetrate the slab and drill to a depth of approximately 1 inch into the underlying soil. A subslab soil gas probe was then installed in the resulting boring according to the Standard Operating Procedure, Installation and Removal of the Vapor Pin dated September 9, 2016, prepared by Cox-Colvin & Associates, Inc., provided in Appendix A.

4.5 RECONNAISSANCE GROUNDWATER SAMPLING

Reconnaissance groundwater samples were collected from first-encountered groundwater using temporary 0.75-inch polyvinyl chloride tubing with 5 to 10 feet of 0.010-inch slotted screen inserted in the borings. Groundwater samples were collected using a peristaltic pump with virgin tubing or a disposable bailer. Samples were transferred into clean laboratory-provided containers. Upon completion of sampling, the temporary polyvinyl chloride tubing was removed prior to backfilling the borehole.

4.6 SAMPLE COLLECTION AND HANDLING PROCEDURES

Samples were collected and handled in accordance with the procedures listed below:

- Soil, groundwater, and soil gas samples were collected in laboratory-provided containers;
- The sample container was labeled with the medium, the date, the time sampled, the sample identification and number, the project name, the project number, and the sampler's initials;
- Samples were logged on a Chain of Custody form and placed into a chilled cooler for transport to the analytical laboratory under standard chain-of-custody protocols; and
- The sample location was recorded using a portable GPS, as practical, and plotted on a georeferenced figure. Digital photographs of each sample location were taken.

4.7 EQUIPMENT DECONTAMINATION PROCEDURES

Reusable or non-dedicated equipment that was used in the collection of samples and were in direct contact with soil, groundwater, and soil gas samples were decontaminated before Farallon's arrival at the Site, between samples collected, upon transition between sample locations, and upon exit from the Site. Reusable or non-dedicated equipment was:

- Rinsed and pre-cleaned with potable or distilled water;
- Washed in a solution of laboratory-grade non-phosphate-based soap (i.e., Alconox);
- Rinsed two times with potable or distilled water; and
- Air dried.

If decontaminated equipment was not immediately used, it was wrapped in aluminum foil with the dull side facing the equipment to prevent recontamination.

Field technicians wore disposable powder-free nitrile gloves during sample collection and processing. The gloves were replaced between sample intervals to minimize potential cross-contamination.

4.8 WASTE DISPOSAL

Disposable sampling and health and safety supplies and equipment were disposed of in an appropriate waste dumpster. Soil cuttings were stored in 55-gallon drums pending receipt of laboratory analytical results. Excess groundwater and decontamination water generated during the additional investigation field program was temporarily contained in 55-gallon U.S. Department of Transportation–approved steel drums with locking lids pending receipt of laboratory analytical results. Drum storage was coordinated with the Site owner. Laboratory analytical results from the additional investigation field program activities were used to profile the waste and identify appropriate disposal options.

5.0 ADDITIONAL INVESTIGATION FINDINGS

This section presents the scope of work for additional investigation at the Site by specific areas of potential concern. This section also presents deviations or modifications from the scope of work outlined in the Work Plan, and the regulatory screening levels that will be used to evaluate data obtained. The combined scope of work consisted of advancing 29 borings (F-1 through F-25 and S-4A through S-4D) for collection of soil, soil gas, and/or groundwater samples for laboratory analysis. Sampling locations are shown on Figures 3 through 5. Samples were analyzed in accordance with the methodologies outlined in the SAP presented in Table 1. Analytical results from the additional investigation are tabulated in Tables 2 through 14. Tables 2 through 10 provide analytical results for total petroleum hydrocarbons (TPH), VOCs, semi-volatile organic compounds, polycyclic aromatic hydrocarbons (PAHs), pesticides, polychlorinated biphenyls, metals, asbestos, and pH in soil, respectively. Tables 11 through 13 provide analytical results for TPH, VOCs, and PAHs in groundwater, respectively. Table 14 provides analytical results for VOCs in soil gas. Laboratory Analytical Reports are included in Appendix D.

5.1 DEVIATIONS OR MODIFICATIONS FROM THE WORK PLAN

The scope of work outlined in the Work Plan consisted of a dynamic sampling strategy based on field observations, and contingency procedures in the event difficult drilling conditions were encountered. The Work Plan SAP provided default sample depths in the event no evidence of chemical impact was observed during drilling. The following notable deviations or modifications from the Work Plan SAP occurred during implementation of the additional investigation.

- **Former gasoline and diesel UST locations** – Figures from previous investigation reports contained conflicting and/or unscaled maps depicting the locations of the former gasoline and diesel USTs on the northeastern portion of the Site. A geophysical survey using ground penetrating radar (GPR) and electromagnetic instruments was completed prior to drilling, which identified a buried telephone line, referenced as encountered during previous UST excavation activities, southeast of the location depicted on figures in the Work Plan. Evidence of historical excavation activities were also discovered in this area during the geophysical survey. The GPR survey also identified evidence of buried metal debris that was not consistent with USTs. Based on this information, boring locations planned for this area were modified to correspond with the geophysical survey findings as depicted on Figure 3. The geophysical survey figure is included in Appendix E.

- **FM borings** – Per the request of the City of Brisbane, shallow soil samples (1 foot bgs) in fill material borings originally proposed in the Work Plan for laboratory hold were added for laboratory analysis.
- **Former Truck Spray Area** – Borings F-2 and F-3 encountered asphalt to a depth of 2 feet bgs and soil samples depths were shifted down 1 foot to avoid this material.
- **MCSA-1** – Additional laboratory analyses were added to boring F-25 due to elevated PID readings encountered during sampling. A natural gas line proximate to the boring is a potential source for the elevated PID readings.
- **MCSA-2** – Groundwater was encountered at 2 feet bgs in boring F-5, and a groundwater sample was collected for laboratory analysis in lieu of a soil gas sample.
- **Current Conditions Proximate to Former Gasoline and Diesel USTs** – An odor and discoloration was encountered in soil from boring F-6 at 5 feet bgs, and the sample was added for laboratory analysis.
- **MCSA-3** – Elevated PID readings were encountered in the 0.5 foot bgs sample from boring F-9, and the sample was added for laboratory analysis.
- **Historical Staining Beneath AST** – Water was encountered in the soil gas probe in boring F-10, and a soil gas sample could not be collected for laboratory analysis. Insufficient water was available for collecting a water sample.
- **FM-1** – The soil sample depth in boring F-12 was modified to be 1 foot shallower to correspond with higher PID readings.
- **FM-2** – Groundwater was encountered in boring F-15 at 50 feet bgs, but no groundwater sample was collected, and a soil sample from this depth was added for laboratory analysis. Refusal was encountered at multiple locations at boring F-16, and shallow soil samples were submitted for laboratory analysis. Suspected serpentine rock was observed at 2 feet bgs, and the soil sample was analyzed for asbestos.
- **FM-3** – Sample depths from boring F-19 were modified to correspond with construction debris encountered at 20 and 30 feet bgs, and the boring was terminated at 45 feet bgs due to drill rig refusal.
- **FM-4** – At boring F-23, drill rig refusal was encountered at 3 feet bgs at multiple locations, and only the shallow sample depth was collected for laboratory analysis. At

Boring F-24, construction debris was encountered at 5 feet bgs, and the sample was added for laboratory analysis.

5.2 REGULATORY SCREENING LEVELS

The regulatory screening levels that are used to evaluate whether a constituent of concern represents a potential risk to human health or the environment are the following:

- Soil: Commercial/industrial Environmental Screening Levels (ESLs), construction worker ESLs, and leaching to groundwater levels;
- Groundwater: Tier 1 ESLs; and
- Soil gas: Commercial/industrial ESLs.

Arsenic is known to occur naturally in soil at concentrations exceeding ESLs, and arsenic concentrations were compared to background concentrations as referenced in Table 7. The applicable screening levels are included in Tables 2 through 13.

5.3 FORMER TRUCK BED SPRAY AREA AND DIESEL UST

The former truck bed spray area existed on the northern portion of the asphalt plant; a metal walkway that was used for spraying operations remains. The scope of work for the area consisted of advancing three borings (F-1 through F-3) for collection of six discrete soil samples and one groundwater sample for laboratory analysis. The locations of the former feature and borings are shown on Figure 3. The following analytical result exceeded the regulatory screening levels in the former truck bed spray area.

- TPH as diesel-range organics (TPHd) was detected at a concentration of 1,700 micrograms per liter (µg/l) in the reconnaissance groundwater sample collected from boring F-2, which exceeds the Tier 1 ESL of 100 µg/l.

5.4 HISTORICAL MAINTENANCE AND CHEMICAL STORAGE AREAS

Based on historical research, four former or current historical maintenance and/or chemical storage areas (MCSAs) existed at the Site: 1) western portion of the asphalt plant (MCSA-1); 2) central portion of the asphalt plant (MCSA-2); 3) northeastern portion of the Site (MCSA-3); and 4) eastern portion of the Site (MCSA-4).

MCSA-1 consists of a current storage building with a concrete slab on grade. The concrete foundation appeared in good condition with no significant cracks or drains observed. The scope of work for MCSA-1 consisted of installing one temporary vapor pin (F-4) for collection of a subslab soil gas sample and one boring (F-25) for collection of two discrete soil samples

for laboratory analysis. The locations of the feature and borings are shown on Figure 3. Constituents of concern were not detected at concentrations exceeding the regulatory screening levels in samples analyzed from MCSA-1.

MCSA-2 was a historical storage building and the area currently consists of gravel driveway. The scope of work for MCSA-2 consisted of advancing one boring (F-5) for collection of one discrete soil sample and one reconnaissance groundwater sample for laboratory analysis. The locations of the former feature and proposed boring are shown on Figure 3. The following analytical result exceeded the regulatory screening levels in MCSA-2.

- TPHd was detected at a concentration of 250 µg/l in the reconnaissance groundwater sample collected from boring F-5, which exceeds the Tier 1 ESL of 100 µg/l.

MCSA-3 was a historical feature that consisted of a series of truck trailers that stored equipment and maintenance materials, and where vehicle maintenance was performed. The area currently consists of a dirt and gravel driveway. The scope of work for MCSA-3 consisted of advancing two borings (F-8 and F-9) for collection of five discrete soil samples and one soil gas sample for laboratory analysis. The locations of the former feature and borings are shown on Figure 4. The following analytical result exceeded the regulatory screening levels in MCSA -3.

- TPHd was detected at a concentration of 4,000 milligrams per kilogram (mg/kg) in the soil sample collected from boring F-8 at a depth of 1 foot bgs, which exceeds the ESL of 1,100 to 1,200 mg/kg.

MCSA-4 is the current storage location for new and used petroleum products and consists of a covered and plastic-lined secondary containment area. During the site reconnaissance on February 15, 2023, it was agreed that MCSA-4 represented a limited risk to the environment and would be more appropriately screened during decommissioning. Specific procedures for screening during decommissioning will be outlined in a redevelopment media management plan (MMP) to be prepared following approval from the City of Brisbane of the additional environmental investigation. The location of the feature is shown on Figure 4.

5.5 CURRENT CONDITIONS PROXIMATE TO FORMER GASOLINE AND DIESEL USTS

During removal of former gasoline and diesel USTs in 1999, petroleum-impacted soils were removed under the oversight of SMCHD, and case closure was granted. However, the City's review of the data suggests some residual impact may remain between the three excavation

areas previously completed, and a stormwater retention pond is anticipated to be developed proximate to the area. Consequently, confirmation sampling to determine current conditions was requested.

The scope of work for the area consisted of advancing two borings (F-6 and F-7) proximate to the former USTs and excavation area for collection of five discrete soil samples and one groundwater sample for laboratory analysis. The locations of the former feature and borings are shown on Figure 3. The following analytical results exceeded the regulatory screening levels in the former gasoline and diesel UST area.

- TPHd was detected at a concentration of 1,500 mg/kg in the soil sample collected from boring F-6 at a depth of 5 feet bgs, which exceeds the ESL of 1,100 to 1,200 mg/kg; and
- TPH as gasoline-range organics (TPHg) and TPHd were detected at concentrations of 340 and 5,700 µg/l, respectively, in the reconnaissance groundwater sample collected from boring F-6, which exceeds the Tier 1 ESLs of 100 µg/l.

5.6 HISTORICAL STAINING BENEATH ASTS

Prior assessments of the Site identified staining beneath former gasoline and diesel ASTs on the east-central portion of the Site. The scope of work for the area consists of advancing two borings (F-10 and F-11) proximate to the former ASTs for collection of four discrete soil samples for laboratory analysis. The locations of the former features and borings are shown on Figure 4. Constituents of concern were not detected at concentrations exceeding the regulatory screening levels in samples analyzed proximate to the historical ASTs.

5.7 IMPORTED FILL MATERIAL AND CONCRETE RESIDUALS

During the site reconnaissance and as confirmed during the 2022 Geotechnical Study, four areas containing imported fill material (FM) were identified at the Site. These consisted of an area on the east-central portion of the Site (FM-1), on the southeastern portion of the Site (FM-2), on the central portion of the Site (FM-3), and on the western portion of the Site (FM-4). The FM areas are outlined on Figures 2 and 5.

The scope of work for each FM area was developed based on size, access, and composition; the composition of some portions of the FM areas appeared to consist of a mix of native and imported materials. Previous drilling within the FM areas reported in the 2022 Geotechnical Study identified fill material to depths up to 156 feet from the ground surface. The deeper portions of this material likely originated primarily from quarry wastes with some shallower

zones consisting of imported material intended for reclamation. The 2022 Geotechnical Study indicated that advancing borings was difficult due to the presence of cobbles and boulders at various depths that caused drilling refusal. Farallon's review of the geotechnical boring logs revealed minimal references to concrete and rubble, isolated to FM-4.

The scope of work for FM-1 consists of advancing two borings, F-12 and F-13, along the access roadway to a maximum depth of 15 feet bgs for collection of four discrete soil samples for laboratory analysis. Constituents of concern were not detected at concentrations exceeding the regulatory screening levels in samples analyzed from the FM-1 area.

FM-2 was the area sampled previously through composite sampling during Farallon's 2019 Phase II ESA (48 soil samples, composited into 12 laboratory analyses); however, the City's consultant preferred evaluating the material through discrete samples. The additional scope of work for FM-2 to supplement previous data consisted of advancing seven borings, F-14 through F-16 and S-4A to S-4D, for collection of 14 discrete soil samples for laboratory analysis. Constituents of concern were not detected at concentrations exceeding the regulatory screening levels in samples analyzed from the FM-2 area.

The scope of work for FM-3 consisted of advancing four borings, F-17 through F-20, for collection of 11 discrete soil samples for laboratory analysis. The following analytical result exceeded the regulatory screening levels in samples from the FM-3 area.

- Nickel was detected at a concentration of 93 mg/kg in the soil sample collected from boring F-19 at a depth of 20 feet bgs, which exceeds the construction worker ESL of 86 mg/kg. Nickel occurs naturally in California soils at concentrations exceeding ESLs.

The scope of work for FM-4 consisted of advancing four borings, F-21 through F-24, for collection of 12 discrete soil samples for laboratory analysis. Samples analyzed for silica from the borings ranged from concentrations of 190 to 390 mg/kg. No ESL has been established for silica. The U.S. Environmental Protection Agency Regional Screening Level for silica in industrial soil is 18,000,000 mg/kg, which indicates no actions are warranted for silica in soil. The following analytical result exceeded the regulatory screening levels in samples from the FM-4 area.

- TPHd was detected at a concentration of 5,900 mg/kg in the soil sample collected from F-24 at a depth of 1 foot bgs, which exceeds the ESL of 1,100 to 1,200 mg/kg.

- Naphthalene was detected at a concentration of 1.6 mg/kg in the soil sample collected from F-22 at a depth of 30 feet bgs, which exceeds the leaching to groundwater levels ESL of 1.2 mg/kg.

6.0 ADDITIONAL INVESTIGATION CONCLUSIONS AND RECOMMENDATIONS

Based on the findings of the additional environmental investigation, Farallon provides the following conclusions and recommendations.

- Petroleum constituents were detected in soil and/or groundwater proximate to former USTs on the northeastern and northwestern portions of the Site. Because petroleum impacts in shallow soil exceeding regulatory screening levels in the vicinity of the truck bed spray area were not found, the impact identified in groundwater in this area likely originates from the former diesel UST. Following removal of the USTs, over-excavation of soil was performed to remediate releases from the USTs but residual petroleum impact remained in soil due to the presence of underground utilities. Residual impact was also present in groundwater in the area. The SMCHD issued case closure for releases in 1999 and 2007. While the concentrations of petroleum constituents in groundwater are higher than previously detected in groundwater monitoring wells, the current analytical results are likely biased high due to reconnaissance groundwater sampling methodologies that result in highly turbid samples. In accordance with the Work Plan and closure letter, SMCHD will be notified of the change in land use and current analytical results for determination whether further assessment is warranted.
- TPHd was detected at a concentration of 250 mg/l in the reconnaissance groundwater sample collected from boring F-5, which exceeds the Tier 1 ESL of 100 mg/l. Boring F-5 was advanced to investigate the MCSA-2 area. The analytical result is likely biased high due to reconnaissance groundwater sampling methodologies that result in highly turbid samples. Based on the magnitude of the TPHd detection in groundwater, the shallow depth of groundwater at this location, and the lack of detectable TPHd in soil at this location, the detection of TPHd in groundwater at this location does not warrant further evaluation.
- TPHd was detected at a concentration of 4,000 mg/kg in the soil sample collected from boring F-8 at a depth of 1 foot bgs, which exceeds the ESL of 1,100 to 1,200 mg/kg. Boring F-8 was advanced to investigate the MCSA-3 area. TPHd was not detected at a concentration exceeding the ESL in the soil sample collected at 3 feet bgs from boring F-8, which indicates TPHd is present in surficial soils only. Given the magnitude of the impact, further evaluation does not appear warranted at this time, and any residual impact can be adequately managed during grading following procedures outlined in an MMP.

- Nickel was detected at a concentration of 93 mg/kg in the soil sample collected at 20 feet bgs from boring F-19 in the FM-3 area, slightly exceeding the construction worker ESL of 86 mg/kg. Nickel was not detected at concentrations exceeding the commercial ESL in other soil samples analyzed from the FM-3 area. Based on the magnitude of the exceedance and limited extent, no further action for nickel in soil is warranted.
- TPHd was detected at a concentration of 5,900 mg/kg in the soil sample collected from boring F-24 at a depth of 1 foot bgs, which exceeds the ESL of 1,100 to 1,200 mg/kg. Boring F-24 was advanced to investigate the FM-4 area. TPHd was not detected at a concentration exceeding the commercial ESL in the soil sample collected at 5 feet bgs from F-24, or other soil samples analyzed in the FM-4 area. Given the magnitude of the impact, further evaluation does not appear warranted at this time, and any residual impact can be adequately managed during grading following procedures outlined in an MMP.
- Naphthalene was detected at a concentration of 1.6 mg/kg in the soil sample collected from boring F-22 at a depth of 30 feet bgs, which exceeds the leaching to groundwater levels ESL of 1.2 mg/kg. Given the magnitude of the impact, further evaluation does not appear warranted at this time, and any residual impact can be adequately managed during grading following procedures outlined in an MMP.

7.0 REFERENCES

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8.0 LIMITATIONS

8.1 GENERAL LIMITATIONS

The conclusions contained in this report/assessment are based on professional opinions with regard to the subject matter. These opinions have been arrived at in accordance with currently accepted hydrogeologic and engineering standards and practices applicable to this location. The conclusions contained herein are subject to the following inherent limitations:

- **Accuracy of Information**. Farallon obtained, reviewed, and evaluated certain information used in this report/assessment from sources that were believed to be reliable. Farallon's conclusions, opinions, and recommendations are based in part on such information. Farallon's services did not include verification of its accuracy or authenticity. Should the information upon which Farallon relied prove to be inaccurate or unreliable, Farallon reserves the right to amend or revise its conclusions, opinions, and/or recommendations.
- **Reconnaissance and/or Characterization**. Farallon performed a reconnaissance and/or characterization of the Site that is the subject of this report/assessment to document current conditions. Farallon focused on areas deemed more likely to exhibit hazardous materials conditions. Contamination may exist in other areas of the Site that were not investigated or were inaccessible. Site activities beyond Farallon's control could change at any time after the completion of this report/assessment.

For the foregoing reasons, Farallon cannot and does not warrant or guarantee that the Site is free of hazardous or potentially hazardous substances or conditions, or that latent or undiscovered conditions will not become evident in the future. Farallon's observations, findings, and opinions can be considered valid only as of the date of the report.

This report/assessment has been prepared in accordance with the contract for services between Farallon and Orchard Partners, LLC, and currently accepted industry standards. No other warranties, representations, or certifications are made.

8.2 LIMITATION ON RELIANCE BY THIRD PARTIES

Reliance by third parties is prohibited. This report/assessment has been prepared for the exclusive use of Orchard Partners, LLC to address the unique needs of Orchard Partners, LLC at the property at 1 Quarry Road in Brisbane, California at a specific point in time.

This is not a general grant of reliance. No one other than Orchard Partners, LLC may rely on this report unless Farallon agrees in advance to such reliance in writing. Any unauthorized

use, interpretation, or reliance on this report/assessment is at the sole risk of that party and Farallon will have no liability for such unauthorized use, interpretation, or reliance.

FIGURES

ADDITIONAL ENVIRONMENTAL INVESTIGATION REPORT
1 Quarry Road
Brisbane, California

Farallon PN: 1363-006



REFERENCE: 7.5 MINUTE USGS QUADRANGLE SAN FRANCISCO SOUTH, CALIFORNIA, DATED 2013



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SCALE IN FEET

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FIGURE 1

SITE VICINITY MAP
BRISBANE QUARRY
1 QUARRY ROAD
BRISBANE, CALIFORNIA

FARALLON PN: 1363-006

Drawn By: lmurock | Checked By: PS | Date: 2/20/2023 | Disc Reference: Q:\Projects\1363 Orchard Partners\006 Brisbane Quarry\Mapfiles\004\Figure-01_VicinityMap.mxd



LEGEND

- FORMER MONITORING WELL
- SITE FEATURE
- RECYCLED MATERIAL AND/OR IMPORTED FILL MATERIAL
- SITE BOUNDARY

AST = ABOVEGROUND STORAGE TANK
FM = FILL MATERIAL
MCSA = MAINTENANCE AND/OR CHEMICAL STORAGE AREA
UST = UNDERGROUND STORAGE TANK

N

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SCALE IN FEET

FIGURE 2

SITE PLAN
BRISBANE QUARRY
1 QUARRY ROAD
BRISBANE, CALIFORNIA

FARALLON PN: 1363-006

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Drawn By: lmurock Checked By: PS Date: 5/30/2023

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LEGEND

- BORING (FARALLON, 2023)
- FORMER MONITORING WELL
- UNDERGROUND TELEPHONE LINE
- FORMER SITE FEATURE
- SITE FEATURE
- SITE BOUNDARY

MCSA = MAINTENANCE AND/OR CHEMICAL STORAGE AREA
UST = UNDERGROUND STORAGE TANK

N

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SCALE IN FEET

FIGURE 3

ASPHALT PLANT AREA
BRISBANE QUARRY
1 QUARRY ROAD
BRISBANE, CALIFORNIA

FARALLON PN: 1363-006

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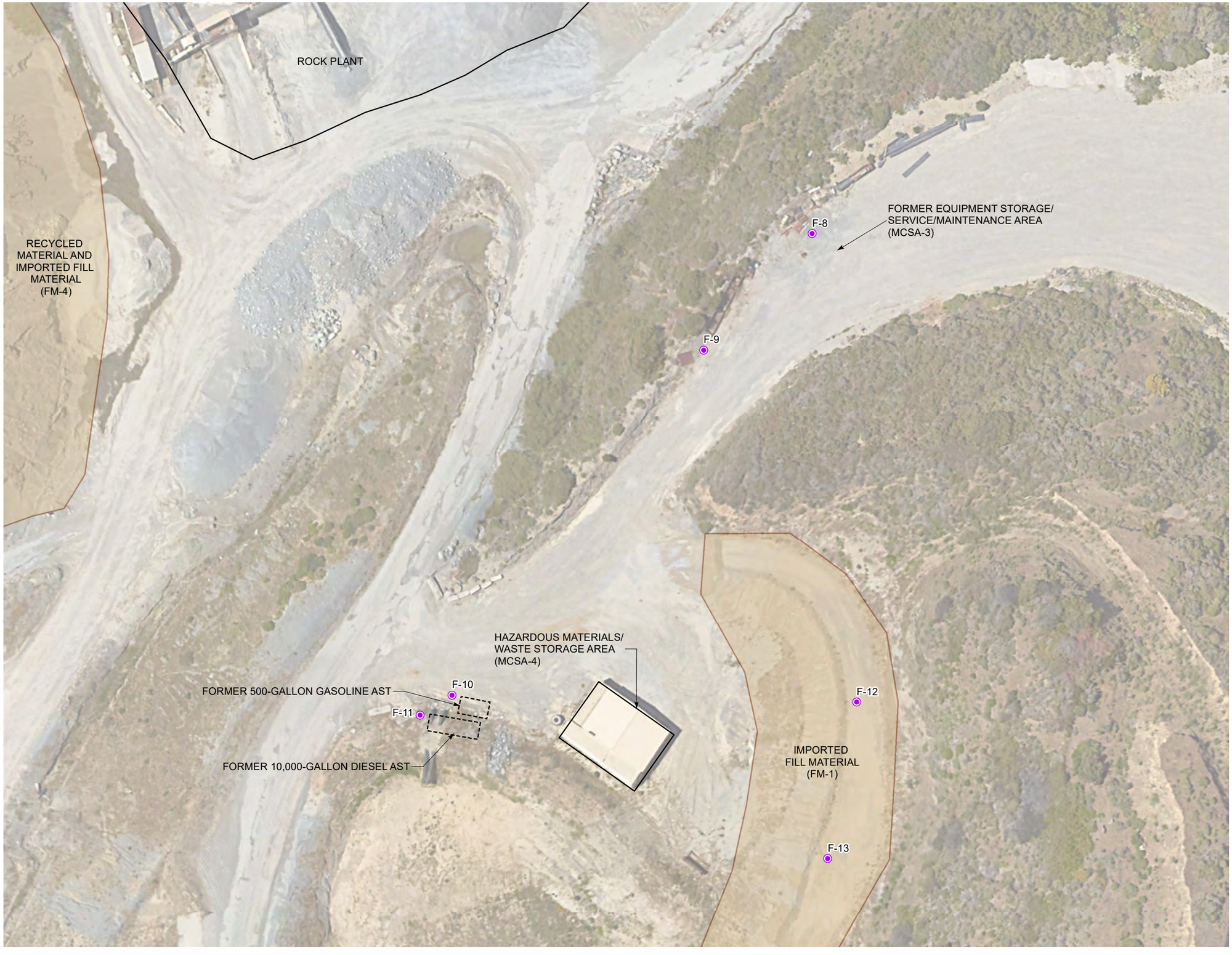
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LEGEND

- BORING (FARALLON, 2023)
- FORMER SITE FEATURE
- SITE FEATURE
- RECYCLED MATERIAL AND/OR IMPORTED FILL MATERIAL

AST = ABOVEGROUND STORAGE TANK
FM = FILL MATERIAL
MCSA = MAINTENANCE AND/OR CHEMICAL STORAGE AREA

N

0 50

SCALE IN FEET

FIGURE 4

EAST-CENTRAL AREA
BRISBANE QUARRY
1 QUARRY ROAD
BRISBANE, CALIFORNIA

FARALLON PN: 1363-006

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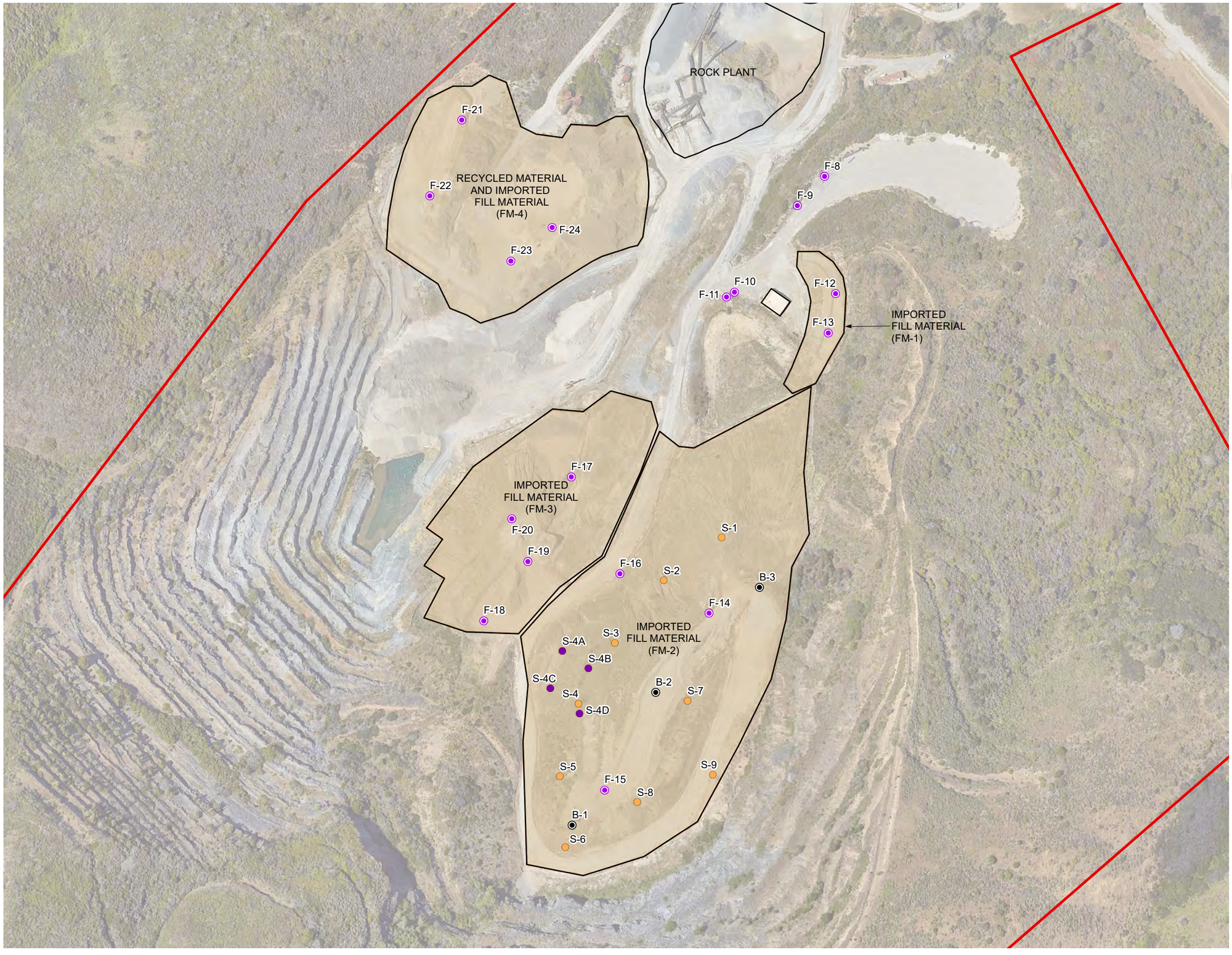
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LEGEND

- SURFACE SAMPLING LOCATION (FARALLON, 2023)
- BORING (FARALLON, 2023)
- SURFACE SAMPLING LOCATION (FARALLON, 2019)
- BORING (FARALLON, 2019)
- SITE FEATURE
- RECYCLED MATERIAL AND/OR IMPORTED FILL MATERIAL
- SITE BOUNDARY

FM = FILL MATERIAL

N

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SCALE IN FEET

FIGURE 5

CENTRAL AREA
BRISBANE QUARRY
1 QUARRY ROAD
BRISBANE, CALIFORNIA

FARALLON PN: 1363-006

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TABLES

additional Environmental Investigation report 1 Quarry Road
Brisbane, California

Farallon PN: 1363-006

Table 1
Sampling and Analysis Plan
1 Quarry Road
Brisbane, California
Farallon PN: 1363-006

Boring Objective	Boring Designation	Sample Matrix	Actual Sample Depth[1]	Laboratory Analyses												
				GRO[2]	DRO[3]	ORO[3]	VOCs[4]	SVOCs[5]	PAHs[5]	OCPs[6]	PCBs[7]	Metals[8]	Asbestos[9]	Silica[10]	pH[11]	Hold
Former Truck Bed Spray Area and Diesel UST	F-1	Soil	1.0	---	X	X	X	---	X	---	---	---	---	---	---	---
		Soil	3.0	---	X	X	X	---	X	---	---	---	---	---	---	---
		Soil	5.0	---	---	---	---	---	---	---	---	---	---	---	---	X
	F-2	Soil	3.0	---	X	X	X	---	X	---	---	---	---	---	---	---
		Soil	4.0	---	X	X	X	---	X	---	---	---	---	---	---	---
		Soil	6.0	---	---	---	---	---	---	---	---	---	---	---	---	X
		Groundwater	22.0	---	X	X	X	---	X	---	---	---	---	---	---	---
	F-3	Soil	3.0	---	X	X	X	---	X	---	---	---	---	---	---	---
		Soil	4.0	---	X	X	X	---	X	---	---	---	---	---	---	---
		Soil	6.0	---	---	---	---	---	---	---	---	---	---	---	---	X
MCSA 1	F-4	Soil Gas	0.5	---	---	---	X	---	---	---	---	---	---	---	---	---
	F-25	Soil	0.5	X	X	X	X	---	---	---	---	X	---	---	---	---
		Soil	3.0	X	X	X	X	---	---	---	---	---	---	---	---	X
MCSA 2	F-5	Soil	1.0	X	X	X	X	---	---	---	---	X	---	---	---	---
		Groundwater	2.0	X	X	X	X	---	---	---	---	---	---	---	---	---
Current Conditions Proximate to Former Gasoline and Diesel USTs	F-6	Soil	5.0	X	X	X	X	---	X	---	---	---	---	---	---	---
		Soil	7.0	---	---	---	---	---	---	---	---	---	---	---	---	X
		Soil	10.0	X	X	X	X	---	X	---	---	---	---	---	---	---
		Soil	15.0	X	X	X	X	---	X	---	---	---	---	---	---	---
		Soil	17.0	---	---	---	---	---	---	---	---	---	---	---	---	X
		Soil	20.0	---	---	---	---	---	---	---	---	---	---	---	---	X
		Groundwater	15.0	X	X	X	X	---	X	---	---	---	---	---	---	---
	F-7	Soil	7.0	X	X	X	X	---	X	---	---	---	---	---	---	---
		Soil	15.0	X	X	X	X	---	X	---	---	---	---	---	---	
MCSA 3	F-8	Soil	1.0	X	X	X	X	---	X	---	---	X	---	---	---	---
		Soil	3.0	X	X	X	X	---	X	---	---	---	---	---	---	---
		Soil	5.0	---	---	---	---	---	---	---	---	---	---	---	---	X
	F-9	Soil	0.5	X	X	X	X	---	X	---	---	X	---	---	---	---
		Soil	1.0	X	X	X	X	---	X	---	---	X	---	---	---	---
		Soil	3.0	X	X	X	X	---	X	---	---	---	---	---	---	---
		Soil	5.0	---	---	---	---	---	---	---	---	---	---	---	---	X
		Soil Gas	5.0	X	---	---	X	---	---	---	---	---	---	---	---	---
Historical Staining Beneath ASTs	F-10	Soil	1.0	X	X	X	X	---	X	---	---	---	---	---	---	---
		Soil	3.0	X	X	X	X	---	X	---	---	---	---	---	---	---
		Soil	5.0	---	---	---	---	---	---	---	---	---	---	---	---	X
	F-11	Soil	1.0	X	X	X	X	---	X	---	---	---	---	---	---	---
		Soil	3.0	X	X	X	X	---	X	---	---	---	---	---	---	---
		Soil	5.0	---	---	---	---	---	---	---	---	---	---	---	---	X
FM-1	F-12	Soil	4.0	X	X	X	X	X	---	X	X	X	X	---	---	---
		Soil	5.0	---	---	---	---	---	---	---	---	---	---	---	---	X
		Soil	10.0	---	---	---	---	---	---	---	---	---	---	---	---	X
		Soil	15.0	---	---	---	---	---	---	---	---	X	X	---	---	---
	F-13	Soil	5.0	---	---	---	---	---	---	---	---	X	X	---	---	---
		Soil	10.0	---	---	---	---	---	---	---	---	---	---	---	---	X
		Soil	15.0	X	X	X	X	X	---	X	X	X	X	---	---	---
	F-14	Soil	1.0	X	X	X	X	X	---	---	---	X	---	---	---	---
		Soil	5.0	---	---	---	---	---	---	---	---	---	---	---	---	X
		Soil	10.0	---	---	---	---	---	---	---	---	---	---	---	---	X
		Soil	15.0	---	---	---	---	---	---	---	---	---	---	---	---	X
		Soil	20.0	X	X	X	X	X	---	X	X	X	---	---	---	---
		Soil	25.0	---	---	---	---	---	---	---	---	---	---	---	---	X
		Soil	30.0	---	---	---	---	---	---	---	---	---	---	---	---	X
		Soil	35.0	---	---	---	---	---	---	---	---	---	---	---	---	X
		Soil	40.0	---	---	---	---	---	---	---	---	X	---	---	---	---
		Soil	45.0	---	---	---	---	---	---	---	---	---	---	---	---	X
		Soil	50.0	---	---	---	---	---	---	---	---	---	---	---	---	X
		Soil	55.0	---	---	---	---	---	---	---	---	---	---	---	---	X
		Soil	60.0	---	---	---	---	---	---	---	---	X	---	---	---	---

Table 1
Sampling and Analysis Plan
1 Quarry Road
Brisbane, California
Farallon PN: 1363-006

Boring Objective	Boring Designation	Sample Matrix	Actual Sample Depth[1]	Laboratory Analyses												
				GRO[2]	DRO[3]	ORO[3]	VOCs[4]	SVOCs[5]	PAHs[5]	OCPs[6]	PCBs[7]	Metals[8]	Asbestos[9]	Silica[10]	pH[11]	Hold
FM-2	F-15	Soil	1.0	X	X	X	X	X	---	---	---	X	---	---	---	---
		Soil	5.0	---	---	---	---	---	---	---	---	---	---	---	---	X
		Soil	10.0	---	---	---	---	---	---	---	---	---	---	---	---	X
		Soil	15.0	---	---	---	---	---	---	---	---	---	---	---	---	X
		Soil	20.0	X	X	X	X	X	---	---	---	X	---	---	---	---
		Soil	25.0	---	---	---	---	---	---	---	---	---	---	---	---	X
		Soil	30.0	---	---	---	---	---	---	---	---	---	---	---	---	X
		Soil	35.0	---	---	---	---	---	---	---	---	---	---	---	---	X
		Soil	40.0	X	X	X	X	X	---	X	X	X	---	---	---	---
		Soil	45.0	---	---	---	---	---	---	---	---	---	---	---	---	X
		Soil	50.0	X	X	X	X	---	---	---	---	---	---	---	---	---
		Soil	55.0	---	---	---	---	---	---	---	---	---	---	---	---	X
		Soil	60.0	---	---	---	---	---	---	---	---	X	---	---	---	---
	F-16	Soil	1.0	X	X	X	X	X	---	---	---	X	X	---	---	---
		Soil	2.0	---	---	---	---	---	---	---	---	---	X	---	---	X
	S-4A	Soil	1.0	---	---	---	X	---	---	---	---	---	---	---	---	---
		Soil	3.0	---	---	---	---	---	---	---	---	---	---	---	---	X
	S-4B	Soil	1.0	---	---	---	X	---	---	---	---	---	---	---	---	---
		Soil	3.0	---	---	---	---	---	---	---	---	---	---	---	---	X
	S-4C	Soil	1.0	---	---	---	X	---	---	---	---	---	---	---	---	---
		Soil	3.0	---	---	---	---	---	---	---	---	---	---	---	---	X
	S-4D	Soil	1.0	---	---	---	X	---	---	---	---	---	---	---	---	---
		Soil	3.0	---	---	---	---	---	---	---	---	---	---	---	---	X
FM-3	F-17	Soil	5.0	X	X	X	X	X	---	---	---	X	---	---	---	---
		Soil	10.0	---	---	---	---	---	---	---	---	X	---	---	---	---
	F-18	Soil	1.0	X	X	X	X	X	---	---	---	X	---	---	---	---
		Soil	5.0	---	---	---	---	---	---	---	---	---	---	---	---	X
		Soil	10.0	---	---	---	---	---	---	---	---	---	---	---	---	X
		Soil	15.0	---	---	---	---	---	---	---	---	---	---	---	---	X
		Soil	20.0	X	X	X	X	X	---	X	X	X	---	---	---	---
		Soil	25.0	---	---	---	---	---	---	---	---	---	---	---	---	X
		Soil	30.0	---	---	---	---	---	---	---	---	---	---	---	---	X
		Soil	35.0	---	---	---	---	---	---	---	---	---	---	---	---	X
		Soil	40.0	---	---	---	---	---	---	---	---	X	---	---	---	---
		Soil	45.0	---	---	---	---	---	---	---	---	---	---	---	---	X
		Soil	50.0	---	---	---	---	---	---	---	---	---	---	---	---	X
		Soil	55.0	---	---	---	---	---	---	---	---	---	---	---	---	X
		Soil	60.0	---	---	---	---	---	---	---	---	X	---	---	---	---
	F-19	Soil	1.0	X	X	X	X	X	---	---	---	X	---	---	---	---
		Soil	5.0	---	---	---	---	---	---	---	---	---	---	---	---	X
		Soil	10.0	---	---	---	---	---	---	---	---	---	---	---	---	X
		Soil	15.0	---	---	---	---	---	---	---	---	---	---	---	---	X
		Soil	20.0	X	X	X	X	X	---	---	---	X	---	---	---	---
		Soil	25.0	---	---	---	---	---	---	---	---	---	---	---	---	X
		Soil	30.0	X	X	X	X	X	---	X	X	X	---	---	---	---
		Soil	35.0	---	---	---	---	---	---	---	---	---	---	---	---	X
		Soil	40.0	---	---	---	---	---	---	---	---	---	---	---	---	X
		Soil	45.0	---	---	---	---	---	---	---	---	---	---	---	---	X
	F-20	Soil	5.0	---	---	---	---	---	---	---	---	X	---	---	---	---
		Soil	10.0	X	X	X	X	X	---	---	---	X	---	---	---	---

Table 1
Sampling and Analysis Plan
1 Quarry Road
Brisbane, California
Farallon PN: 1363-006

Boring Objective	Boring Designation	Sample Matrix	Actual Sample Depth[1]	Laboratory Analyses												
				GRO[2]	DRO[3]	ORO[3]	VOCs[4]	SVOCs[5]	PAHs[5]	OCPs[6]	PCBs[7]	Metals[8]	Asbestos[9]	Silica[10]	pH[11]	Hold
FM-4	F-21	Soil	1.0	X	X	X	X	X	---	X	X	X	---	---	---	---
		Soil	5.0	---	---	---	---	---	---	---	---	---	---	---	---	X
		Soil	10.0	---	---	---	---	---	---	---	---	X	X	X	X	---
		Soil	15.0	---	---	---	---	---	---	---	---	---	---	---	---	X
		Soil	20.0	X	X	X	X	X	---	---	---	X	X	X	X	---
		Soil	25.0	---	---	---	---	---	---	---	---	---	---	---	---	X
		Soil	30.0	---	---	---	---	---	---	---	---	X	X	X	X	---
	F-22	Soil	1.0	X	X	X	X	X	---	---	---	X	---	---	---	---
		Soil	5.0	---	---	---	---	---	---	---	---	---	---	---	---	X
		Soil	10.0	X	X	X	X	X	---	---	---	X	X	X	X	---
		Soil	15.0	---	---	---	---	---	---	---	---	---	---	---	---	X
		Soil	20.0	---	---	---	---	---	---	---	---	X	X	X	X	---
		Soil	25.0	---	---	---	---	---	---	---	---	---	---	---	---	X
		Soil	30.0	X	X	X	X	X	---	X	X	X	X	X	X	---
	F-23	Soil	1.0	X	X	X	X	X	---	---	---	X	X	X	X	---
	F-24	Soil	1.0	X	X	X	X	X	---	---	---	X	---	---	---	---
		Soil	5.0	X	X	X	X	X	---	---	---	X	X	X	X	---
		Soil	10.0	---	---	---	---	---	---	---	---	---	---	---	---	X
		Soil	15.0	---	---	---	---	---	---	---	---	---	---	---	---	X
		Soil	20.0	---	---	---	---	---	---	---	---	X	X	X	X	---

NOTES:

X denotes sample collected for analysis.

--- denotes sample not collected for analysis.

H denotes sample placed on laboratory hold.

[1]Depth in feet below ground surface.

[2]Analyzed by U.S. Environmental Protection Agency (EPA) Method 8015M for soil/groundwater, TO-15 for soil gas.

[3]Analyzed by EPA Method 8015M.

[4]Analyzed by EPA Method 8260 for soil/groundwater, TO-15 for soil gas.

[5]Analyzed by EPA Method 8270E SIM.

[6]Analyzed by EPA Method 8081B.

[7]Analyzed by EPA Method 8082A.

[8]Analyzed by EPA Method 6010D/7471.

[9]Analyzed by CARB 435.

[10]Analyzed by EPA Method 6010D.

[11]Analyzed by EPA Method 9045D.

DRO = total petroleum hydrocarbons (TPH) as diesel-range organics

GRO = TPH as gasoline-range organics

ORO = TPH as oil-range organics

PAHs = polycyclic aromatic hydrocarbons

SVOCs = semivolatile organic compounds

VOCs = volatile organic compounds

PID = photoionization detector

BGS - below ground surface

MCSA = maintenance and/or chemical storage areas

Table 2
Soil Analytical Results for TPH
Brisbane Quarry
Brisbane, California
Farallon PN: 1363-006

Sample Location	Sample Identification	Sample Depth (feet)[1]	Sample Date	Analytical Results (milligrams per kilogram)[2]		
				TPHg	TPHd	TPHmo
2019 Phase II Environmental Site Assessment						
B-1	B-1	20, 40, 60, 80[4]	6/19/2019	< 1.0	< 1.0	13
B-2	B-2	20, 40, 60, 80[4]	6/20/2019	< 1.0	4.7	19
B-3	B-3	20, 40, 60, 80[4]	6/20/2019	< 1.0	4.5	17
S-1	S-1	1.0[5]	6/4/2019	< 1.0	7.2	130
S-2	S-2	1.0[5]	6/4/2019	< 1.0	1.8	55
S-3	S-3	1.0[5]	6/4/2019	< 1.0	4.9	65
S-4	S-4	1.0[5]	6/4/2019	< 1.0	1.4	31
S-5	S-5	1.0[5]	6/4/2019	< 1.0	4.6	130
S-6	S-6	1.0[5]	6/4/2019	< 1.0	< 1.0	23
S-7	S-7	1.0[5]	6/4/2019	< 1.0	1.7	22
S-8	S-8	1.0[5]	6/4/2019	< 1.0	2.0	33
S-9	S-9	1.0[5]	6/4/2019	< 1.0	15	300
2023 Subsurface Investigation						
F-1	F-1-1.0	1.0	5/3/2023	---	220	320
	F-1-3.0	3.0	5/3/2023	---	17	35
F-2	F-2-3.0	3.0	5/4/2023	---	76	36
	F-2-4.0	4.0	5/4/2023	---	280	930
F-3	F-3-3.0	3.0	5/4/2023	---	76	36
	F-3-4.0	4.0	5/4/2023	---	27	45
F-5	F-5-1.0	1.0	5/1/2023	< 2.3	< 500	2,300
F-6	F-6-5.0	5.0	5/3/2023	< 2.1	**1,500**	110
	F-6-10.0	10.0	5/3/2023	< 1.9	< 9.9	< 20
	F-6-15.0	15.0	5/3/2023	< 1.8	< 10	< 20
F-7	F-7-7.0	7.0	5/3/2023	< 2.7	34	43
	F-7-15.0	15.0	5/3/2023	< 1.9	< 10	< 20
F-8	F-8-1.0	1.0	5/1/2023	< 2.1	**4,000**	4,600
	F-8-3.0	3.0	5/1/2023	< 2.4	350	820
San Francisco Bay RWQCB ESLs Commercial: Shallow Soil Exposure[3]				**2,000**	**1,200**	**180,000**
San Francisco Bay RWQCB ESLs: Construction Worker Soil Exposure[3]				**1,800**	**1,100**	**54,000**
San Francisco Bay RWQCB ESLs: Leaching to Groundwater Levels[3,6]				**4,900**	**7,300**	**NE**

Table 2
Soil Analytical Results for TPH
Brisbane Quarry
Brisbane, California
Farallon PN: 1363-006

Sample Location	Sample Identification	Sample Depth (feet)[1]	Sample Date	Analytical Results (milligrams per kilogram)[2]		
				TPHg	TPHd	TPHmo
F-9	F-9-0.5	0.5	5/1/2023	< 2.7	580	1,500
	F-9-1.0	1.0	5/1/2023	< 2.5	33	57
	F-9-3.0	3.0	5/1/2023	< 2.8	730	1,100
F-10	F-10-1.0	1.0	5/1/2023	< 1.8	190	51
	F-10-3.0	3.0	5/1/2023	< 2.7	130	64
F-11	F-11-1.0	1.0	5/1/2023	< 2.1	54	120
	F-11-3.0	3.0	5/1/2023	< 2.0	< 9.9	27
F-12	F-12-4.0	4.0	5/2/2023	< 2.6	82	150
F-13	F-13-15.0	15.0	5/2/2023	< 1.8	< 9.9	< 20
F-14	F-14-1	1.0	5/1/2023	< 1.9	< 10	< 20
	F-14-20	20.0	5/1/2023	< 2.5	< 9.9	< 20
F-15	F-15-1	1.0	5/2/2023	< 1.9	< 10	< 20
	F-15-20	20.0	5/2/2023	< 1.8	< 9.9	< 20
	F-15-40	40.0	5/2/2023	< 2.1	12	< 20
	F-15-50	50.0	5/2/2023	< 2.5	210	610
F-16	F-16-1	1.0	5/3/2023	< 2.2	< 9.9	< 20
F-17	F-17-5.0	5.0	5/2/2023	< 2.0	11	25
F-18	F-18-1	1.0	5/2/2023	< 3.0	53	180
	F-18-20	20.0	5/2/2023	< 1.8	< 9.9	< 20
F-19	F-19-1	1.0	5/3/2023	< 2.6	43	110
	F-19-20	20.0	5/3/2023	< 2.2	38	92
	F-19-30	30.0	5/3/2023	< 2.3	10	27
San Francisco Bay RWQCB ESLs Commercial: Shallow Soil Exposure[3]				**2,000**	**1,200**	**180,000**
San Francisco Bay RWQCB ESLs: Construction Worker Soil Exposure[3]				**1,800**	**1,100**	**54,000**
San Francisco Bay RWQCB ESLs: Leaching to Groundwater Levels[3,6]				**4,900**	**7,300**	**NE**

Table 2
Soil Analytical Results for TPH
Brisbane Quarry
Brisbane, California
Farallon PN: 1363-006

Sample Location	Sample Identification	Sample Depth (feet)[1]	Sample Date	Analytical Results (milligrams per kilogram)[2]		
				TPHg	TPHd	TPHmo
F-20	F-20-10.0	10.0	5/2/2023	< 1.7	< 9.9	< 20
F-21	F-21-1	1.0	5/4/2023	< 2.2	< 20	100
	F-21-20	20.0	5/4/2023	< 2.5	13	79
F-22	F-22-1	1.0	5/4/2023	< 3.0	350	1,900
	F-22-10	10.0	5/4/2023	< 2.8	26	140
	F-22-30	30.0	5/4/2023	< 3.6	610	920
F-23	F-23-1	1.0	5/4/2023	< 2.3	< 99	350
F-24	F-24-1	1.0	5/4/2023	< 2.5	**5,900**	1,300
	F-24-5	5.0	5/4/2023	< 2.6	360	1,600
F-25	F-25-0.5	0.5	5/4/2023	< 2.0	490	1,900
	F-25-3.0	3.0	5/4/2023	< 2.1	17	29
San Francisco Bay RWQCB ESLs Commercial: Shallow Soil Exposure[3]				**2,000**	**1,200**	**180,000**
San Francisco Bay RWQCB ESLs: Construction Worker Soil Exposure[3]				**1,800**	**1,100**	**54,000**
San Francisco Bay RWQCB ESLs: Leaching to Groundwater Levels[3,6]				**4,900**	**7,300**	**NE**

NOTES:

Results in **bold** and highlighted yellow denote concentrations exceeding applicable ESLs.

< denotes analyte not detected at or exceeding the laboratory reporting limit listed.

--- denotes sample not analyzed.

[1]Depth in feet below ground surface.

[2]Analyzed by U.S. Environmental Protection Agency Method 8015B.

[3]San Francisco Bay Regional Water Quality Control Board (RWQCB) Direct Exposure Human Health Risk Levels (Table S-1), dated 2019 (Rev. 2).

[4]four-point vertical composite sample

[5]four-point horizontal composite sample

[6]non-drinking water

ESL = Environmental Screening Level

TPHd = total petroleum hydrocarbons (TPH) as diesel-range organics

TPHg = TPH as gasoline-range organics

TPHmo = TPH as motor oil-range organics

NE = not established

Table 3
Soil Analytical Results for Detected VOCs
Brisbane Quarry
Brisbane, California
Farallon PN: 1363-006

Sample Location	Sample Identification	Sample Depth (feet)[1]	Sample Date	Analytical Results (milligrams per kilogram)[2]				
				Tetrachloroethene (PCE)	Benzene	Toluene	Naphthalene	1,2,4-Trimethylbenzene
2019 Phase II Environmental Site Assessment								
B-1	B-1	20, 40, 60, 80[4]	6/19/2019	< 0.00090	< 0.0045	< 0.0045	< 0.0045	< 0.0045
B-2	B-2	20, 40, 60, 80[4]	6/20/2019	< 0.00083	< 0.0041	< 0.0041	< 0.0041	< 0.0041
B-3	B-3	20, 40, 60, 80[4]	6/20/2019	< 0.00096	< 0.0048	< 0.0048	< 0.0048	< 0.0048
S-1	S-1	1.0[5]	6/4/2019	< 0.0013	< 0.0063	< 0.0063	< 0.0063	< 0.0063
S-2	S-2	1.0[5]	6/4/2019	< 0.0011	< 0.0056	< 0.0056	< 0.0056	< 0.0056
S-3	S-3	1.0[5]	6/4/2019	< 0.0012	< 0.0058	< 0.0058	< 0.0058	< 0.0058
S-4	S-4	1.0[5]	6/4/2019	0.0030	< 0.0057	< 0.0057	< 0.0057	< 0.0057
S-5	S-5	1.0[5]	6/4/2019	< 0.0011	< 0.0056	< 0.0056	< 0.0056	< 0.0056
S-6	S-6	1.0[5]	6/4/2019	< 0.0011	< 0.0055	< 0.0055	< 0.0055	< 0.0055
S-7	S-7	1.0[5]	6/4/2019	< 0.0011	< 0.0054	< 0.0054	< 0.0054	< 0.0054
S-8	S-8	1.0[5]	6/4/2019	< 0.0010	< 0.0050	< 0.0050	< 0.0050	< 0.0050
S-9	S-9	1.0[5]	6/4/2019	< 0.00089	< 0.0044	< 0.0044	< 0.0044	< 0.0044
2023 Subsurface Investigation								
S-4A	S-4A-1.0	1.0	5/4/2023	< 0.0036	< 0.0036	< 0.0036	< 0.0036	< 0.0036
S-4B	S-4B-1.0	1.0	5/4/2023	< 0.0046	< 0.0046	< 0.0046	< 0.0046	< 0.0046
S-4C	S-4C-1.0	1.0	5/4/2023	< 0.0034	< 0.0034	< 0.0034	< 0.0034	< 0.0034
S-4D	S-4D-1.0	1.0	5/4/2023	< 0.0038	< 0.0038	< 0.0038	< 0.0038	< 0.0038
F-1	F-1-1.0	1.0	5/3/2023	< 0.0034	< 0.0034	< 0.0034	< 0.0034	< 0.0034
	F-1-3.0	3.0	5/3/2023	< 0.0039	< 0.0039	< 0.0039	< 0.0039	< 0.0039
F-2	F-2-3.0	3.0	5/4/2023	< 0.0031	< 0.0031	< 0.0031	< 0.0031	< 0.0031
	F-2-4.0	4.0	5/4/2023	< 0.0039	< 0.0039	< 0.0039	< 0.0039	< 0.0039
F-3	F-3-3.0	3.0	5/4/2023	< 0.0041	< 0.0041	< 0.0041	< 0.0041	< 0.0041
	F-3-4.0	4.0	5/4/2023	< 0.0034	< 0.0034	< 0.0034	< 0.0034	< 0.0034
F-5	F-5-1.0	1.0	5/1/2023	< 0.0040	< 0.0040	< 0.0040	< 0.0040	< 0.0040
F-6	F-6-5.0	5.0	5/3/2023	< 0.0039	< 0.0039	< 0.0039	< 0.0039	< 0.0039
	F-6-10.0	10.0	5/3/2023	< 0.0034	< 0.0034	< 0.0034	< 0.0034	< 0.0034
	F-6-15.0	15.0	5/3/2023	< 0.0030	< 0.0030	< 0.0030	< 0.0030	< 0.0030
F-7	F-7-7.0	7.0	5/3/2023	< 0.0038	< 0.0038	< 0.0038	< 0.0038	< 0.0038
	F-7-15.0	15.0	5/3/2023	< 0.0033	< 0.0033	< 0.0033	< 0.0033	< 0.0033
F-8	F-8-1.0	1.0	5/1/2023	< 0.0034	< 0.0034	< 0.0034	< 0.0034	< 0.0034
	F-8-3.0	3.0	5/1/2023	< 0.0040	< 0.0040	< 0.0040	< 0.0040	< 0.0040
F-9	F-9-0.5	0.5	5/1/2023	< 0.0045	< 0.0045	< 0.0045	< 0.0045	< 0.0045
	F-9-1.0	1.0	5/1/2023	< 0.0046	< 0.0046	< 0.0046	< 0.0046	< 0.0046
	F-9-3.0	3.0	5/1/2023	< 0.0048	< 0.0048	< 0.0048	< 0.0048	< 0.0048
F-10	F-10-1.0	1.0	5/1/2023	< 0.0040	< 0.0040	< 0.0040	< 0.0040	< 0.0040
	F-10-3.0	3.0	5/1/2023	< 0.0038	< 0.0038	< 0.0038	< 0.0038	< 0.0038
F-11	F-11-1.0	1.0	5/1/2023	< 0.0038	< 0.0038	< 0.0038	< 0.0038	< 0.0038
	F-11-3.0	3.0	5/1/2023	< 0.0039	< 0.0039	< 0.0039	< 0.0039	< 0.0039
F-12	F-12-4.0	4.0	5/2/2023	< 0.0037	< 0.0037	< 0.0037	< 0.0037	< 0.0037
F-13	F-13-15.0	15.0	5/2/2023	< 0.0031	< 0.0031	< 0.0031	< 0.0031	< 0.0031
San Francisco Bay RWQCB ESLs Commercial: Shallow Soil Exposure[3]				**2.7**	**1.4**	**5,300**	**17**	**NE**
San Francisco Bay RWQCB ESLs: Construction Worker Soil Exposure[3]				**33**	**33**	**4,700**	**400**	**NE**
San Francisco Bay RWQCB ESLs: Leaching to Groundwater Levels[3,6]				**0.08**	**0.025**	**10**	**1.2**	**NE**

Table 3
Soil Analytical Results for Detected VOCs
Brisbane Quarry
Brisbane, California
Farallon PN: 1363-006

Sample Location	Sample Identification	Sample Depth (feet)[1]	Sample Date	Analytical Results (milligrams per kilogram)[2]				
				Tetrachloroethene (PCE)	Benzene	Toluene	Naphthalene	1,2,4-Trimethylbenzene
F-14	F-14-1	1.0	5/1/2023	< 0.0035	< 0.0035	< 0.0035	< 0.0035	< 0.0035
	F-14-20	20.0	5/1/2023	< 0.0032	< 0.0032	< 0.0032	< 0.0032	< 0.0032
F-15	F-15-1	1.0	5/2/2023	< 0.0031	< 0.0031	< 0.0031	< 0.0031	< 0.0031
	F-15-20	20.0	5/2/2023	< 0.0030	< 0.0030	< 0.0030	< 0.0030	< 0.0030
	F-15-40	40.0	5/2/2023	< 0.0034	< 0.0034	< 0.0034	< 0.0034	< 0.0034
	F-15-50	50.0	5/2/2023	< 0.0031	< 0.0031	< 0.0031	< 0.0031	< 0.0031
F-16	F-16-1	1.0	5/3/2023	< 0.0042	< 0.0042	< 0.0042	< 0.0042	< 0.0042
F-17	F-17-5.0	5.0	5/2/2023	< 0.0032	< 0.0032	< 0.0032	< 0.0032	< 0.0032
F-18	F-18-1	1.0	5/2/2023	< 0.0033	< 0.0033	< 0.0033	< 0.0033	< 0.0033
	F-18-20	20.0	5/2/2023	< 0.0030	< 0.0030	< 0.0030	< 0.0030	< 0.0030
F-19	F-19-1	1.0	5/3/2023	< 0.0039	< 0.0039	< 0.0039	< 0.0039	< 0.0039
	F-19-20	20.0	5/3/2023	< 0.0038	< 0.0038	< 0.0038	< 0.0038	< 0.0038
	F-19-30	30.0	5/3/2023	< 0.0036	< 0.0036	< 0.0036	< 0.0036	< 0.0036
F-20	F-20-10.0	10.0	5/2/2023	< 0.0033	< 0.0033	< 0.0033	< 0.0033	< 0.0033
F-21	F-21-1	1.0	5/4/2023	< 0.0045	< 0.0045	< 0.0045	< 0.0045	< 0.0045
	F-21-20	20.0	5/4/2023	< 0.0043	< 0.0043	< 0.0043	< 0.0043	< 0.0043
F-22	F-22-1	1.0	5/4/2023	< 0.0052	< 0.0052	< 0.0052	< 0.0052	< 0.0052
	F-22-10	10.0	5/4/2023	< 0.0051	< 0.0051	< 0.0051	< 0.0051	< 0.0051
	F-22-30	30.0	5/4/2023	< 0.53	< 0.53	< 0.53	**1.6**	0.74
F-23	F-23-1	1.0	5/4/2023	< 0.0045	< 0.0045	< 0.0045	< 0.0045	< 0.0045
F-24	F-24-1	1.0	5/4/2023	< 0.0047	0.011	0.0083	< 0.0047	< 0.0047
	F-24-5	5.0	5/4/2023	< 0.27	< 0.27	< 0.27	< 0.27	< 0.27
F-25	F-25-0.5	0.5	5/4/2023	< 0.0034	< 0.0034	< 0.0034	< 0.0034	< 0.0034
	F-25-3.0	3.0	5/4/2023	< 0.0033	< 0.0033	< 0.0033	< 0.0033	< 0.0033
San Francisco Bay RWQCB ESLs Commercial: Shallow Soil Exposure[3]				**2.7**	**1.4**	**5,300**	**17**	**NE**
San Francisco Bay RWQCB ESLs: Construction Worker Soil Exposure[3]				**33**	**33**	**4,700**	**400**	**NE**
San Francisco Bay RWQCB ESLs: Leaching to Groundwater Levels[3,6]				**0.08**	**0.025**	**10**	**1.2**	**NE**

NOTES:

Results in **bold** and highlighted yellow denote concentrations exceeding applicable ESLs.

< denotes analyte not detected at or exceeding the reporting limit listed.

--- denotes sample not analyzed or information unknown.

[1]Depth in feet below ground surface.

[2]Analyzed by U.S. Environmental Protection Agency Method 8260B. Only detected analytes shown in table; see lab report for full list of analytes.

[3]San Francisco Bay Regional Water Quality Control Board (RWQCB) Direct Exposure Human Health Risk Levels (Table S-1), dated 2019 (Rev. 2).

[4]four-point vertical composite sample

[5]four-point horizontal composite sample

[6]non-drinking water

ESL = Environmental Screening Level

NE = not established

VOCs = volatile organic compounds

Table 4
Soil Analytical Results for Detected SVOCs
Brisbane Quarry
Brisbane, California
Farallon PN: 1363-006

Sample Location	Sample Identification	Sample Depth (feet)[1]	Sample Date	Analytical Results (milligrams per kilogram)[2]			
				2,4-Dinitrotoluene	Bis(2-Ethylhexyl) Phthalate	Di-n-Butylphthalate	Phenol
2019 Phase II Environmental Site Assessment							
B-1	B-1	20, 40, 60, 80[4]	6/19/2019	< 0.0063	0.0091	0.0043	< 0.005
B-2	B-2	20, 40, 60, 80[4]	6/20/2019	< 0.0063	0.0068	< 0.005	< 0.005
B-3	B-3	20, 40, 60, 80[4]	6/20/2019	0.065	0.0079	0.44	0.0052
S-1	S-1	1.0[5]	6/4/2019	< 0.013	0.017	< 0.005	< 0.01
S-2	S-2	1.0[5]	6/4/2019	< 0.0063	0.0082	0.0033 B	< 0.005
S-3	S-3	1.0[5]	6/4/2019	< 0.013	0.029	< 0.005	< 0.01
S-4	S-4	1.0[5]	6/4/2019	< 0.0063	0.0081	0.0083 B	< 0.005
S-5	S-5	1.0[5]	6/4/2019	< 0.013	0.021	0.016 B	< 0.01
S-6	S-6	1.0[5]	6/4/2019	< 0.0063	0.013	0.0035 B	< 0.005
S-7	S-7	1.0[5]	6/4/2019	< 0.0063	0.010	0.0038 B	< 0.005
S-8	S-8	1.0[5]	6/4/2019	< 0.0063	0.016	0.0077 B	0.0054
S-9	S-9	1.0[5]	6/4/2019	< 0.063	< 0.05	0.055	< 0.05
2023 Subsurface Investigation							
F-12	F-12-4.0	4.0	5/2/2023	< 0.25	< 0.25	< 0.25	< 0.25
F-13	F-13-15.0	15.0	5/2/2023	< 0.25	< 0.25	< 0.25	< 0.25
F-14	F-14-1	1.0	5/1/2023	< 0.25	< 0.25	< 0.25	< 0.25
	F-14-20	20.0	5/1/2023	< 0.25	< 0.25	< 0.25	< 0.25
F-15	F-15-1	1.0	5/2/2023	< 0.25	< 0.25	< 0.25	< 0.25
	F-15-20	20.0	5/2/2023	< 0.25	< 0.25	< 0.25	< 0.25
	F-15-40	40.0	5/2/2023	< 0.25	< 0.25	< 0.25	< 0.25
F-17	F-17-5.0	5.0	5/2/2023	< 0.25	< 0.25	< 0.25	< 0.25
F-16	F-16-1	1.0	5/3/2023	< 0.25	< 0.25	< 0.25	< 0.25
F-18	F-18-1	1.0	5/2/2023	< 2.5	< 2.5	< 2.5	< 2.5
	F-18-20	20.0	5/2/2023	< 0.25	< 0.25	< 0.25	< 0.25
F-19	F-19-1	1.0	5/3/2023	< 1.2	< 1.2	< 1.2	< 1.2
	F-19-20	20.0	5/3/2023	< 0.25	< 0.25	< 0.25	< 0.25
	F-19-30	30.0	5/3/2023	< 0.25	< 0.25	< 0.25	< 0.25

Table 4
Soil Analytical Results for Detected SVOCs
Brisbane Quarry
Brisbane, California
Farallon PN: 1363-006

Sample Location	Sample Identification	Sample Depth (feet)[1]	Sample Date	Analytical Results (milligrams per kilogram)[2]			
				2,4-Dinitrotoluene	Bis(2-Ethylhexyl) Phthalate	Di-n-Butylphthalate	Phenol
F-20	F-20-10.0	10.0	5/2/2023	< 0.25	< 0.25	< 0.25	< 0.25
F-21	F-21-1	1.0	5/4/2023	< 0.25	< 0.25	< 0.25	< 0.25
	F-21-20	20.0	5/4/2023	< 1.2	< 1.2	< 1.2	< 1.2
F-22	F-22-1	1.0	5/4/2023	< 6.3	< 6.3	< 6.3	< 6.3
	F-22-10	10.0	5/4/2023	< 2.5	< 2.5	< 2.5	< 2.5
	F-22-30	30.0	5/4/2023	< 5.0	< 5.0	< 5.0	< 5.0
San Francisco Bay RWQCB ESLs Commercial: Shallow Soil Exposure[3]				**11**	**160**	**NE**	**350,000**
San Francisco Bay RWQCB ESLs: Construction Worker Soil Exposure[3]				**79**	**950**	**NE**	**98,000**
San Francisco Bay RWQCB ESLs: Leaching to Groundwater Levels[3,6]				**11**	**640**	**NE**	**18**
F-23	F-23-1	1.0	5/4/2023	< 2.5	< 2.5	< 2.5	< 2.5
F-24	F-24-1	1.0	5/4/2023	< 2.5	< 2.5	< 2.5	< 2.5
	F-24-5	5.0	5/4/2023	< 5.0	< 5.0	< 5.0	< 5.0
San Francisco Bay RWQCB ESLs Commercial: Shallow Soil Exposure[3]				**11**	**160**	**NE**	**350,000**
San Francisco Bay RWQCB ESLs: Construction Worker Soil Exposure[3]				**79**	**950**	**NE**	**98,000**
San Francisco Bay RWQCB ESLs: Leaching to Groundwater Levels[3,6]				**11**	**640**	**NE**	**18**

NOTES:

< denotes analyte not detected at or exceeding the reporting limit listed.

[1]Depth in feet below ground surface.

[2]Analyzed by U.S. Environmental Protection Agency Method 8270C. Only detected analytes shown in table; see lab report for full list of analytes.

[3]San Francisco Bay Regional Water Quality Control Board (RWQCB) Direct Exposure Human Health Risk Levels (Table S-1), dated 2019 (Rev. 2).

[4]four-point vertical composite sample

[5]four-point horizontal composite sample

[6]non-drinking water

B = analyte was detected in the associated method blank.

ESL = Environmental Screening Level

NE = not established

SVOCs = semi-volatile organic compounds

Table 5
Soil Analytical Results for PAHs
Brisbane Quarry
Brisbane, California
Farallon PN: 1363-006

Sample Location	Sample Identification	Sample Depth (feet)[1]	Sample Date	Analytical Results (milligrams per kilogram)[2]																
				1-Methylnaphthalene	2-Methylnaphthalene	Acenaphthene	Acenaphthylene	Anthracene	Benzo(a)Anthracene	Benzo(a)Pyrene	Benzo(b)Fluoranthene	Benzo(g,h,i)Perylene	Benzo(k)Fluoranthene	Chrysene	Dibenzo(a,h)Anthracene	Fluoranthene	Fluorene	Indeno(1,2,3-cd)Pyrene	Naphthalene	Phenanthrene	Pyrene
2019 Phase II Environmental Site Assessment																				
B-1	B-1	20, 40, 60, 80[4]	6/19/2019	---	< 0.0025	< 0.0013	< 0.0013	< 0.0013	< 0.0050	< 0.0025	0.0014	< 0.0025	< 0.0013	< 0.0025	< 0.0025	0.0035	< 0.0025	< 0.0025	< 0.0013	< 0.0050	0.0038
B-2	B-2	20, 40, 60, 80[4]	6/20/2019	---	< 0.0025	< 0.0013	< 0.0013	< 0.0013	< 0.0050	< 0.0025	< 0.0013	< 0.0025	< 0.0013	< 0.0025	< 0.0025	< 0.0013	< 0.0025	< 0.0025	< 0.0013	< 0.0050	< 0.0025
B-3	B-3	20, 40, 60, 80[4]	6/20/2019	---	< 0.0025	< 0.0013	< 0.0013	< 0.0013	0.0062	0.0032	0.0023	0.0029	0.0017 B	0.0030 B	< 0.0025	0.0059	< 0.0025	< 0.0025	< 0.0013	< 0.0050	0.0055
S-1	S-1	1.0[5]	6/4/2019	---	< 0.0050	< 0.0026	< 0.0026	< 0.0026	0.018	0.018	0.015	0.026	0.0085	0.023	0.0065	0.023	< 0.0050	0.013	< 0.0026	< 0.01	0.024
S-2	S-2	1.0[5]	6/4/2019	---	< 0.0025	< 0.0013	< 0.0013	< 0.0013	0.0096	0.0070	0.0060	0.0092	0.0047	0.011	0.0034	0.012	< 0.0025	0.0051	< 0.0013	0.0073	0.012
S-3	S-3	1.0[5]	6/4/2019	---	< 0.0050	0.012	0.0075	0.039	0.31	0.49	0.33	0.41	0.17	0.38	0.078	0.73	0.012	0.33	0.0049	0.29	0.62
S-4	S-4	1.0[5]	6/4/2019	---	< 0.0025	0.0014	0.0023	0.0040	0.015	0.016	0.0089	0.014	0.0060	0.015	0.0042	0.032	< 0.0025	0.0098	< 0.0013	0.017	0.020
S-5	S-5	1.0[5]	6/4/2019	---	0.0067	< 0.0026	< 0.0026	< 0.0026	0.019	0.011	0.0075	0.015	0.0038	0.012	0.0074	0.012	< 0.0050	0.0090	< 0.0026	0.018	0.0097
S-6	S-6	1.0[5]	6/4/2019	---	0.0034	< 0.0013	< 0.0013	< 0.0013	0.0060	0.0033	0.0030	0.0061	0.0019	0.0032	< 0.0025	0.0042	< 0.0025	0.0029	< 0.0013	< 0.0050	0.0054
S-7	S-7	1.0[5]	6/4/2019	---	< 0.0025	< 0.0013	< 0.0013	< 0.0013	< 0.0050	< 0.0025	0.0021	0.0049	0.0021	0.0026	< 0.0025	0.0034	< 0.0025	< 0.0025	< 0.0013	< 0.0050	0.0041
S-8	S-8	1.0[5]	6/4/2019	---	< 0.0025	< 0.0013	< 0.0013	< 0.0013	0.0078	0.0042	0.0026	0.0066	0.0025	0.0032	0.0027	0.0060	< 0.0025	0.0039	< 0.0013	< 0.0050	0.0044
S-9	S-9	1.0[5]	6/4/2019	---	< 0.025	0.024	0.020	0.048	0.20	0.19	0.13	0.17	0.15	0.27	0.038	0.55	< 0.025	0.13	< 0.013	0.39	0.39
2023 Subsurface Investigation																				
F-1	F-1-1.0	1.0	5/3/2023	< 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	< 0.25	< 0.25	< 0.25
	F-1-3.0	3.0	5/3/2023	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02
F-2	F-2-3.0	3.0	5/4/2023	< 0.1	< 0.1	0.18	< 0.1	0.5	0.65	0.57	0.62	0.28	0.27	0.55	< 0.1	1.6	0.14	0.32	< 0.1	1.8	1.5
	F-2-4.0	4.0	5/4/2023	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
F-3	F-3-3.0	3.0	5/4/2023	< 0.01	0.012	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	0.023	< 0.01
	F-3-4.0	4.0	5/4/2023	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02
F-6	F-6-5.0	5.0	5/3/2023	0.051	0.097	< 0.01	0.014	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	0.023	< 0.01	< 0.01	0.018	< 0.01	0.024	0.078	0.017
	F-6-10.0	10.0	5/3/2023	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
	F-6-15.0	15.0	5/3/2023	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
F-7	F-7-7.0	7.0	5/3/2023	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
	F-7-15.0	15.0	5/3/2023	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
F-8	F-8-1.0	1.0	5/1/2023	< 0.99	< 0.99	< 0.99	< 0.99	< 0.99	< 0.99	< 0.99	< 0.99	< 0.99	< 0.99	< 0.99	< 0.99	< 0.99	< 0.99	< 0.99	< 0.99	< 0.99	< 0.99
	F-8-3.0	3.0	5/1/2023	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
F-9	F-9-0.5	0.5	5/1/2023	< 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	< 0.25	< 0.25	< 0.25
	F-9-1.0	1.0	5/1/2023	< 0.01	0.012	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	0.019	0.017	< 0.01
	F-9-3.0	3.0	5/1/2023	< 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	< 0.25	< 0.25	< 0.25
F-10	F-10-1.0	1.0	5/1/2023	0.085	0.18	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	0.071	0.031	0.014
	F-10-3.0	3.0	5/1/2023	0.021	0.062	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	0.023	0.028	< 0.01
F-11	F-11-1.0	1.0	5/1/2023	< 0.04	< 0.04	< 0.04	< 0.04	< 0.04	< 0.04	< 0.04	< 0.04	< 0.04	< 0.04	< 0.04	< 0.04	< 0.04	< 0.04	< 0.04	< 0.04	0.066	< 0.04
	F-11-3.0	3.0	5/1/2023	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	0.01	< 0.01
F-12	F-12-4.0	4.0	5/2/2023	< 0.25	< 0.25	< 0.25	< 0.25	0.30	0.80	0.86	0.65	0.50	0.69	0.87	< 0.25	1.6	< 0.25	0.57	< 0.25	1.0	1.8
F-13	F-13-15.0	15.0	5/2/2023	< 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	< 0.25	< 0.25	< 0.25
San Francisco Bay RWQCB ESLs Commercial: Shallow Soil Exposure[3]				**NE**	**3,000**	**45,000**	**NE**	**230,000**	**20**	**2.1**	**21**	**NE**	**210**	**2,100**	**2.1**	**30,000**	**30,000**	**21**	**17**	**NE**	**23,000**
San Francisco Bay RWQCB ESLs: Construction Worker Soil Exposure[3]				**NE**	**670**	**10,000**	**NE**	**50,000**	**110**	**10**	**110**	**NE**	**910**	**9,100**	**11**	**6,700**	**6,700**	**110**	**400**	**NE**	**5,000**
San Francisco Bay RWQCB ESLs: Leaching to Groundwater Levels[3,6]				**NE**	**0.88**	**12**	**NE**	**1.9**	**10**	**5.7**	**75**	**NE**	**39**	**10**	**390**	**86**	**6**	**32**	**1.2**	**NE**	**45**

Table 5
Soil Analytical Results for PAHs
Brisbane Quarry
Brisbane, California
Farallon PN: 1363-006

Sample Location	Sample Identification	Sample Depth (feet)[1]	Sample Date	Analytical Results (milligrams per kilogram)[2]																	
				1-Methylnaphthalene	2-Methylnaphthalene	Acenaphthene	Acenaphthylene	Anthracene	Benzo(a)Anthracene	Benzo(a)Pyrene	Benzo(b)Fluoranthene	Benzo(g,h,i)Perylene	Benzo(k)Fluoranthene	Chrysene	Dibenzo(a,h)Anthracene	Fluoranthene	Fluorene	Indeno(1,2,3-cd)Pyrene	Naphthalene	Phenanthrene	Pyrene
F-15	F-15-1	1.0	5/2/2023	< 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	< 0.25	< 0.25	< 0.25
	F-15-20	20.0	5/2/2023	< 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	< 0.25	< 0.25	< 0.25
	F-15-40	40.0	5/2/2023	< 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	< 0.25	< 0.25	< 0.25
F-16	F-16-1	1.0	5/3/2023	< 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	< 0.25	< 0.25	< 0.25
F-17	F-17-5.0	5.0	5/2/2023	< 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	< 0.25	< 0.25	< 0.25
F-18	F-18-1	1.0	5/2/2023	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5
	F-18-20	20.0	5/2/2023	< 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	< 0.25	< 0.25	< 0.25
F-19	F-19-1	1.0	5/3/2023	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2
	F-19-20	20.0	5/3/2023	< 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	< 0.25	< 0.25	< 0.25
	F-19-30	30.0	5/3/2023	< 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	< 0.25	< 0.25	< 0.25
F-20	F-20-10.0	10.0	5/2/2023	< 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	< 0.25	< 0.25	< 0.25
F-21	F-21-1	1.0	5/4/2023	< 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	< 0.25	< 0.25	< 0.25
	F-21-20	20.0	5/4/2023	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2
F-22	F-22-1	1.0	5/4/2023	< 6.3	< 6.3	< 6.3	< 6.3	< 6.3	< 6.3	< 6.3	< 6.3	< 6.3	< 6.3	< 6.3	< 6.3	< 6.3	< 6.3	< 6.3	< 6.3	< 6.3	< 6.3
	F-22-10	10.0	5/4/2023	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5
	F-22-30	30.0	5/4/2023	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
F-23	F-23-1	1.0	5/4/2023	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5
F-24	F-24-1	1.0	5/4/2023	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5
	F-24-5	5.0	5/4/2023	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
San Francisco Bay RWQCB ESLs Commercial: Shallow Soil Exposure[3]				**NE**	**3,000**	**45,000**	**NE**	**230,000**	**20**	**2.1**	**21**	**NE**	**210**	**2,100**	**2.1**	**30,000**	**30,000**	**21**	**17**	**NE**	**23,000**
San Francisco Bay RWQCB ESLs: Construction Worker Soil Exposure[3]				**NE**	**670**	**10,000**	**NE**	**50,000**	**110**	**10**	**110**	**NE**	**910**	**9,100**	**11**	**6,700**	**6,700**	**110**	**400**	**NE**	**5,000**
San Francisco Bay RWQCB ESLs: Leaching to Groundwater Levels[3,6]				**NE**	**0.88**	**12**	**NE**	**1.9**	**10**	**5.7**	**75**	**NE**	**39**	**10**	**390**	**86**	**6**	**32**	**1.2**	**NE**	**45**

NOTES:

< denotes analyte not detected at or exceeding the reporting limit listed.

[1]Depth in feet below ground surface.

[2]Analyzed by U.S. Environmental Protection Agency Method 8270C or 8270C/SIM.

[3]San Francisco Bay Regional Water Quality Control Board (RWQCB) Direct Exposure Human Health Risk Levels (Table S-1), dated 2019 (Rev. 2).

[4]four-point vertical composite sample
[5]four-point horizontal composite sample
[6]non-drinking water

B = analyte was detected in the associated method blank.
ESL = Environmental Screening Level
NE = not established
PAH = polycylic aromatic hydrocarbons

Table 6
Soil Analytical Results for Pesticides
Brisbane Quarry
Brisbane, California
Farallon PN: 1363-006

Sample Location	Sample Identification	Sample Depth (feet)[1]	Sample Date	Analytical Results (milligrams per kilogram)[2]											
				Aldrin	alpha-BHC	beta-BHC	delta-BHC	gamma-BHC (Lindane)	Chlordane	4,4'-DDD	4,4'-DDE	4,4'-DDT	Dieldrin	Endosulfan I	Endosulfan II
2023 Subsurface Investigation															
F-12	F-12-4.0	4.0	5/2/2023	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.1	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
F-13	F-13-15.0	15.0	5/2/2023	< 0.0050	< 0.0050	< 0.0050	< 0.0050	< 0.0050	< 0.05	< 0.0050	< 0.0050	< 0.0050	< 0.0050	< 0.0050	< 0.0050
F-14	F-14-20	20.0	5/1/2023	< 0.0050	< 0.0050	< 0.0050	< 0.0050	< 0.0050	< 0.05	< 0.0050	< 0.0050	< 0.0050	< 0.0050	< 0.0050	< 0.0050
F-15	F-15-40	40.0	5/2/2023	< 0.0050	< 0.0050	< 0.0050	< 0.0050	< 0.0050	< 0.05	< 0.0050	< 0.0050	< 0.0050	< 0.0050	< 0.0050	< 0.0050
F-18	F-18-20	20.0	5/2/2023	< 0.025	< 0.025	< 0.025	< 0.025	< 0.025	< 0.25	< 0.025	< 0.025	< 0.025	< 0.025	< 0.025	< 0.025
F-19	F-19-30	30.0	5/3/2023	< 0.025	< 0.025	< 0.025	< 0.025	< 0.025	< 0.25	< 0.025	< 0.025	< 0.025	< 0.025	< 0.025	< 0.025
F-21	F-21-1	1.0	5/4/2023	< 0.025	< 0.025	< 0.025	< 0.025	< 0.025	< 0.25	< 0.025	< 0.025	< 0.025	< 0.025	< 0.025	< 0.025
F-22	F-22-30	30.0	5/4/2023	< 0.049	< 0.049	< 0.049	< 0.049	< 0.049	< 0.49	< 0.049	< 0.049	< 0.049	< 0.049	< 0.049	< 0.049
San Francisco Bay RWQCB ESLs Commercial: Shallow Soil Exposure[3]				**0.15**	**NE**	**NE**	**NE**	**2.5**	**2.2**	**12**	**8.3**	**8.5**	**0.16**	**5,800**	
San Francisco Bay RWQCB ESLs: Construction Worker Soil Exposure[3]				**1.00**	**NE**	**NE**	**NE**	**16**	**14**	**81**	**57**	**57**	**1.1**	**1,500**	
San Francisco Bay RWQCB ESLs: Leaching to Groundwater Levels[3,4]				**8.4**	**NE**	**NE**	**NE**	**7400**	**23**	**65**	**29**	**5.6**	**0.0063**	**0.0098**	

NOTES:

< denotes analyte not detected at or exceeding the reporting limit listed.

[1]Depth in feet below ground surface.

[2]Analyzed by U.S. Environmental Protection Agency Method 8081A.

[3]San Francisco Bay Regional Water Quality Control Board (RWQCB) Direct Exposure Human Health Risk Levels (Table S-1), dated 2019 (Rev. 2).

[4]Non-drinking water

BHC = hexachlorocyclohexane
DDD = dichlorodiphenyldichloroethane
DDE = dichlorodiphenyldichloroethylene
DDT = dichlorodiphenyltrichloroethane
ESL = Environmental Screening Level
NE = not established

Table 6
Soil Analytical Results for Pesticides
Brisbane Quarry
Brisbane, California
Farallon PN: 1363-006

Sample Location	Sample Identification	Sample Depth (feet)[1]	Sample Date	Analytical Results (milligrams per kilogram)[2]							
				Endosulfan Sulfate	Endrin	Endrin Aldehyde	Endrin Ketone	Heptachlor	Heptachlor Epoxide	Methoxychlor	Toxaphene
2023 Subsurface Investigation											
F-12	F-12-4.0	4.0	5/2/2023	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.02	< 0.2
F-13	F-13-15.0	15.0	5/2/2023	< 0.0050	< 0.0050	< 0.0050	< 0.0050	< 0.0050	< 0.0050	< 0.01	< 0.1
F-14	F-14-20	20.0	5/1/2023	< 0.0050	< 0.0050	< 0.0050	< 0.0050	< 0.0050	< 0.0050	< 0.01	< 0.1
F-15	F-15-40	40.0	5/2/2023	< 0.0050	< 0.0050	< 0.0050	< 0.0050	< 0.0050	< 0.0050	< 0.0099	< 0.099
F-18	F-18-20	20.0	5/2/2023	< 0.025	< 0.025	< 0.025	< 0.025	< 0.025	< 0.025	< 0.049	< 0.49
F-19	F-19-30	30.0	5/3/2023	< 0.025	< 0.025	< 0.025	< 0.025	< 0.025	< 0.025	< 0.05	< 0.50
F-21	F-21-1	1.0	5/4/2023	< 0.025	< 0.025	< 0.025	< 0.025	< 0.025	< 0.025	< 0.049	< 0.49
F-22	F-22-30	30.0	5/4/2023	< 0.049	< 0.049	< 0.049	< 0.049	< 0.049	< 0.049	< 0.098	< 0.98
San Francisco Bay RWQCB ESLs Commercial: Shallow Soil Exposure[3]				**NE**	**290**	**NE**	**NE**	**0.53**	**0.28**	**4,800**	**2.2**
San Francisco Bay RWQCB ESLs: Construction Worker Soil Exposure[3]				**NE**	**74**	**NE**	**NE**	**3.7**	**1.9**	**1,200**	**14**
San Francisco Bay RWQCB ESLs: Leaching to Groundwater Levels[3,4]				**NE**	**0.0076**	**NE**	**NE**	**44**	**0.006**	**0.013**	**250**

NOTES:

< denotes analyte not detected at or exceeding the reporting limit listed.

[1]Depth in feet below ground surface.

[2]Analyzed by U.S. Environmental Protection Agency Method 8081A.

[3]San Francisco Bay Regional Water Quality Control Board (RWQCB) Direct Exposure Human Health Risk Levels (Table S-1), dated 2019 (Rev. 2).

[4]Non-drinking water

BHC = hexachlorocyclohexane
DDD = dichlorodiphenyldichloroethane
DDE = dichlorodiphenyldichloroethylene
DDT = dichlorodiphenyltrichloroethane
ESL = Environmental Screening Level
NE = not established

Table 7
Soil Analytical Results for PCBs
Brisbane Quarry
Brisbane, California
Farallon PN: 1363-006

Sample Location	Sample Identification	Sample Depth (feet)[1]	Sample Date	Analytical Results (milligrams per kilogram)[2]							
				Aroclor 1016	Aroclor 1221	Aroclor 1232	Aroclor 1242	Aroclor 1248	Aroclor 1254	Aroclor 1260	Total PCBs
2023 Subsurface Investigation											
F-12	F-12-4.0	4.0	5/2/2023	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
F-13	F-13-15.0	15.0	5/2/2023	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
F-14	F-14-20	20.0	5/1/2023	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
F-15	F-15-40	40.0	5/2/2023	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
F-18	F-18-20	20.0	5/2/2023	< 0.099	< 0.099	< 0.099	< 0.099	< 0.099	< 0.099	< 0.099	< 0.099
F-19	F-19-30	30.0	5/3/2023	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10
F-21	F-21-1	1.0	5/4/2023	< 0.049	< 0.049	< 0.049	< 0.049	< 0.049	< 0.049	< 0.049	< 0.049
F-22	F-22-30	30.0	5/4/2023	< 0.098	< 0.098	< 0.098	< 0.098	< 0.098	< 0.098	< 0.098	< 0.098
San Francisco Bay RWQCB ESLs Commercial: Shallow Soil Exposure[3]											**0.94**
San Francisco Bay RWQCB ESLs: Construction Worker Soil Exposure[3]											**5.5**
San Francisco Bay RWQCB ESLs: Leaching to Groundwater Levels[3,4]											**330**

NOTES:

< denotes analyte not detected at or exceeding the reporting limit listed.

[1]Depth in feet below ground surface.

[2]Analyzed by U.S. Environmental Protection Agency Method 8082.

[3]San Francisco Bay Regional Water Quality Control Board (RWQCB) Direct Exposure Human Health Risk Levels (Table S-1), dated 2019 (Rev. 2).

[4]non-drinking water

ESL = Environmental Screening Level

PCB = polychlorinated biphenyl

Table 8
Soil Analytical Results for Metals
Brisbane Quarry
Brisbane, California
Farallon PN: 1363-006

Sample Location	Sample Identification	Sample Depth (feet)[1]	Sample Date	Analytical Results (milligrams per kilogram)[2]																
				Antimony	Arsenic	Barium	Beryllium	Cadmium	Chromium	Cobalt	Copper	Lead	Mercury	Molybdenum	Nickel	Selenium	Silicon	Silver	Thallium	Vanadium	Zinc
2019 Phase II Environmental Site Assessment																					
B-1	B-1	20, 40, 60, 80[4]	6/19/2019	1.3	11	120	0.56	< 0.25	67	15	36	8.1	0.050	1.0	52	< 0.50	---	< 0.50	< 0.50	64	65
B-2	B-2	20, 40, 60, 80[4]	6/20/2019	< 0.50	3.1	35	< 0.50	< 0.25	47	5.2	5.5	3.2	< 0.050	< 0.50	31	< 0.50	---	< 0.50	< 0.50	33	20
B-3	B-3	20, 40, 60, 80[4]	6/20/2019	0.68	6.2	95	0.62	< 0.50	60	12	14	4.2	< 0.050	0.74	48	< 0.50	---	< 0.50	< 0.50	54	45
S-1	S-1	1.0[5]	6/4/2019	< 0.50	5.5	260	< 0.50	0.27	76	14	27	8.5	< 0.050	1.2	82	0.55	---	< 0.50	< 0.50	70	61
S-2	S-2	1.0[5]	6/4/2019	< 0.50	3.9	110	< 0.50	< 0.25	58	7.3	14	5.7	< 0.050	0.68	39	< 0.50	---	< 0.50	< 0.50	57	43
S-3	S-3	1.0[5]	6/4/2019	< 0.50	4.9	180	< 0.50	0.32	52	8.1	20	7.3	< 0.050	1.1	47	0.56	---	< 0.50	< 0.50	58	54
S-4	S-4	1.0[5]	6/4/2019	< 0.50	3.2	34	< 0.50	< 0.25	63	6.5	7.6	3.4	< 0.050	< 0.50	30	0.58	---	< 0.50	< 0.50	63	28
S-5	S-5	1.0[5]	6/4/2019	< 0.50	4.0	110	< 0.50	< 0.25	54	9.7	19	7.6	0.49	< 0.50	53	< 0.50	---	< 0.50	< 0.50	50	43
S-6	S-6	1.0[5]	6/4/2019	< 0.50	4.3	85	< 0.50	< 0.25	75	10	15	6.2	< 0.050	< 0.50	50	< 0.50	---	< 0.50	< 0.50	57	38
S-7	S-7	1.0[5]	6/4/2019	< 0.50	4.4	40	< 0.50	< 0.25	60	6.6	13	3.4	< 0.050	< 0.50	39	< 0.50	---	< 0.50	< 0.50	55	37
S-8	S-8	1.0[5]	6/4/2019	< 0.50	3.4	79	< 0.50	< 0.25	68	8.5	12	4.7	< 0.050	< 0.50	49	< 0.50	---	< 0.50	< 0.50	54	32
S-9	S-9	1.0[5]	6/4/2019	< 0.50	2.7	63	< 0.50	< 0.25	68	14	39	8.2	< 0.050	< 0.50	58	< 0.50	---	< 0.50	< 0.50	69	62
2023 Subsurface Investigation																					
F-5	F-5-1.0	1.0	5/1/2023	< 2.9	4.6	67	< 0.48	< 0.48	28	8.9	19	12	< 0.14	2.2	32	< 2.9	---	< 0.48	< 2.9	51	43
F-8	F-8-1.0	1.0	5/1/2023	< 2.9	5.3	63	0.51	< 0.48	44	11	24	14	< 0.15	2.0	45	< 2.9	---	< 0.48	< 2.9	54	53
F-9	F-9-0.5	0.5	5/1/2023	< 3.0	6.8	44	0.59	< 0.50	36	12	11	6.4	< 0.16	2.1	35	< 3.0	---	< 0.50	< 3.0	56	45
	F-9-1.0	1.0	5/1/2023	< 2.9	8.9	64	0.94	< 0.49	37	14	20	7.3	< 0.15	2.1	34	< 2.9	---	< 0.49	< 2.9	56	55
F-12	F-12-4.0	4.0	5/2/2023	< 3.0	8.7	75	1.0	< 0.50	35	15	21	9.4	< 0.16	2.3	37	< 3.0	---	< 0.50	< 3.0	54	55
	F-12-15.0	15.0	5/2/2023	< 2.9	9.5	72	0.91	< 0.49	34	16	35	6.1	< 0.16	1.7	37	< 2.9	---	< 0.49	< 2.9	53	75
F-13	F-13-5.0	5.0	5/2/2023	< 2.8	10	77	0.99	< 0.46	36	18	29	6.5	< 0.14	1.9	40	< 2.8	---	< 0.46	< 2.8	55	65
	F-13-15.0	15.0	5/2/2023	< 2.9	8.8	58	0.76	< 0.49	49	16	30	6.2	< 0.14	2.0	39	< 2.9	---	< 0.49	< 2.9	62	61
F-14	F-14-1	1.0	5/1/2023	< 2.9	3.4	33	< 0.49	< 0.49	49	5.9	7.6	1.9	< 0.17	< 0.98	30	< 2.9	---	< 0.49	< 2.9	43	24
	F-14-20	20.0	5/1/2023	< 2.9	4.7	250	0.70	< 0.49	38	13	20	7.2	< 0.16	1.0	67	< 2.9	---	< 0.49	< 2.9	48	47
	F-14-40	40.0	5/1/2023	< 2.9	3.4	52	< 0.49	< 0.49	62	8.9	8.7	3.8	< 0.16	< 0.98	52	< 2.9	---	< 0.49	< 2.9	42	30
	F-14-60	60.0	5/1/2023	< 2.9	3.7	57	< 0.48	< 0.48	59	9.6	10	4.4	< 0.16	1.3	57	< 2.9	---	< 0.48	< 2.9	44	35
F-15	F-15-1	1.0	5/2/2023	< 2.9	4.4	65	< 0.49	< 0.49	53	8.3	14	4.2	< 0.16	1.5	46	< 2.9	---	< 0.49	< 2.9	48	36
	F-15-20	20.0	5/2/2023	< 2.9	3.7	140	< 0.49	< 0.49	37	7.9	15	5.7	< 0.15	1.3	34	< 2.9	---	< 0.49	< 2.9	33	41
	F-15-40	40.0	5/2/2023	< 2.9	4.8	83	< 0.49	< 0.49	54	7.8	14	12	< 0.15	2.4	41	< 2.9	---	< 0.49	< 2.9	52	47
	F-15-60	60.0	5/2/2023	< 2.9	3.0	100	< 0.48	< 0.48	55	9.0	32	4.8	< 0.14	1.7	54	< 2.9	---	< 0.48	< 2.9	43	39
F-16	F-16-1	1.0	5/3/2023	< 3.0	6.0	96	0.55	< 0.50	79	17	25	13	< 0.15	1.5	79	< 3.0	---	< 0.50	< 3.0	59	53
F-17	F-17-5.0	5.0	5/2/2023	< 2.9	4.0	82	< 0.49	< 0.49	45	9.5	20	8.4	< 0.15	1.3	40	< 2.9	---	< 0.49	< 2.9	50	36
	F-17-10.0	10.0	5/2/2023	< 3.0	3.2	81	< 0.50	< 0.50	49	9.0	17	6.0	< 0.15	1.2	38	< 3.0	---	< 0.50	< 3.0	50	31
F-18	F-18-1	1.0	5/2/2023	< 2.8	5.2	89	0.48	< 0.46	46	12	21	11	< 0.14	1.5	43	< 2.8	---	< 0.46	< 2.8	52	45
	F-18-20	20.0	5/2/2023	< 2.9	5.7	150	0.65	< 0.48	39	12	23	12	< 0.14	1.3	41	< 2.9	---	< 0.48	< 2.9	44	70
	F-18-40	40.0	5/2/2023	< 2.9	3.2	35	< 0.48	< 0.48	47	4.8	8.1	3.9	< 0.16	1.4	38	< 2.9	---	< 0.48	< 2.9	30	28
	F-18-60	60.0	5/2/2023	< 2.8	3.7	35	< 0.46	< 0.46	46	4.8	8.0	3.1	< 0.16	1.2	37	< 2.8	---	< 0.46	< 2.8	29	110
F-19	F-19-1	1.0	5/3/2023	< 2.8	3.3	61	< 0.47	< 0.47	52	7.9	11	11	< 0.15	0.94	38	< 2.8	---	< 0.47	< 2.8	46	32
	F-19-20	20.0	5/3/2023	< 2.9	6.0	220	0.52	< 0.48	76	20	57	10	0.22	1.8	**93**	< 2.9	---	< 0.48	< 2.9	68	61
	F-19-30	30.0	5/3/2023	< 2.9	7.0	110	0.53	< 0.48	48	17	24	11	< 0.16	1.6	56	< 2.9	---	< 0.48	< 2.9	54	62
F-20	F-20-5.0	5.0	5/2/2023	< 2.8	4.5	130	< 0.46	< 0.46	42	9.0	23	8.2	< 0.15	1.8	48	< 2.8	---	< 0.46	< 2.8	42	58
	F-20-10.0	10.0	5/2/2023	< 2.9	4.4	100	< 0.48	< 0.48	41	7.9	18	16	< 0.15	1.4	38	< 2.9	---	< 0.48	< 2.9	40	49
F-21	F-21-1	1.0	5/4/2023	< 2.9	3.3	100	< 0.48	< 0.48	53	9.2	16	9.9	< 0.16	< 0.96	44	< 2.9	---	< 0.48	< 2.9	44	40
	F-21-10	10.0	5/4/2023	< 2.9	1.9	120	< 0.48	< 0.48	19	8.2	41	3.9	< 0.14	1.0	22	< 2.9	240	< 0.48	< 2.9	56	33
	F-21-20	20.0	5/4/2023	< 2.9	3.0	22	< 0.48	< 0.48	44	4.9	4.9	9.4	< 0.15	< 0.95	24	< 2.9	320	< 0.48	< 2.9	37	24
	F-21-30	30.0	5/4/2023	< 2.9	2.3	14	< 0.48	< 0.48	44	4.5	3.8	8.0	< 0.15	< 0.95	25	< 2.9	290	< 0.48	< 2.9	35	24
F-22	F-22-1	1.0	5/4/2023	< 3.0	3.1	100	< 0.50	< 0.50	66	10	22	26	< 0.15	1.4	75	< 3.0	---	< 0.50	< 3.0	49	68
	F-22-10	10.0	5/4/2023	< 3.0	4.7	79	0.52	< 0.50	45	12	16	8.2	< 0.15	1.9	41	< 3.0	310	< 0.50	< 3.0	63	50
	F-22-20	20.0	5/4/2023	< 2.9	6.6	180	< 0.48	< 0.48	37	11	36	51	< 0.14	1.3	44	< 2.9	390	< 0.48	< 2.9	46	110
	F-22-30	30.0	5/4/2023	< 2.9	3.0	110	< 0.48	< 0.48	40	6.0	47	12	< 0.15	1.9	40	< 2.9	190	< 0.48	< 2.9	31	47
San Francisco Bay RWQCB ESLs Commercial: Shallow Soil Exposure[3]				**160**	**11[4]**	**220,000**	**230**	**1,100**	**1,800,000**	**350**	**47,000**	**320**	**190**	**5,800**	**11,000**	**5,800**	**NE**	**5,800**	**12**	**5,800**	**350,000**
San Francisco Bay RWQCB ESLs: Construction Worker Soil Exposure[3]				**50**	**11[4]**	**3,000**	**27**	**51**	**530,000**	**28**	**14,000**	**160**	**44**	**1,800**	**86**	**1,700**	**NE**	**1,800**	**3.5**	**470**	**110,000**

Table 8
Soil Analytical Results for Metals
Brisbane Quarry
Brisbane, California
Farallon PN: 1363-006

Sample Location	Sample Identification	Sample Depth (feet)[1]	Sample Date	Analytical Results (milligrams per kilogram)[2]																
				Antimony	Arsenic	Barium	Beryllium	Cadmium	Chromium	Cobalt	Copper	Lead	Mercury	Molybdenum	Nickel	Selenium	Silicon	Silver	Thallium	Vanadium	Zinc
F-23	F-23-1	1.0	5/4/2023	< 3.0	4.1	120	< 0.50	< 0.50	53	8.2	26	26	< 0.16	3.6	56	< 3.0	280	< 0.50	< 3.0	44	110
F-24	F-24-1	1.0	5/4/2023	< 3.0	3.4	140	< 0.50	< 0.50	50	7.3	21	30	< 0.16	1.5	39	< 3.0	---	< 0.50	< 3.0	51	73
	F-24-5	5.0	5/4/2023	< 2.9	4.4	120	< 0.49	< 0.49	49	9.9	27	37	< 0.16	2.1	52	< 2.9	260	< 0.49	< 2.9	52	62
	F-24-20	20.0	5/5/2023	< 2.9	6.1	74	0.53	< 0.49	41	11	22	16	< 0.16	1.6	38	< 2.9	250	< 0.49	< 2.9	50	56
F-25	F-25-0.5	0.5	5/4/2023	< 2.9	5.4	51	0.56	< 0.48	43	12	24	6.5	< 0.14	3.5	42	< 2.9	---	< 0.48	< 2.9	59	86
San Francisco Bay RWQCB ESLs Commercial: Shallow Soil Exposure[3]				**160**	**11[4]**	**220,000**	**230**	**1,100**	**1,800,000**	**350**	**47,000**	**320**	**190**	**5,800**	**11,000**	**5,800**	**NE**	**5,800**	**12**	**5,800**	**350,000**
San Francisco Bay RWQCB ESLs: Construction Worker Soil Exposure[3]				**50**	**11[4]**	**3,000**	**27**	**51**	**530,000**	**28**	**14,000**	**160**	**44**	**1,800**	**86**	**1,700**	**NE**	**1,800**	**3.5**	**470**	**110,000**

NOTES:

Results in **bold** and highlighted yellow denote concentrations exceeding applicable ESLs.

NE = not established

< denotes analyte not detected at or exceeding the laboratory reporting limit listed.

--- denotes sample not analyzed.

[1]Depth in feet below ground surface.

[2]Analyzed by U.S. Environmental Protection Agency Method 6020 or 6010B/7471A.

[3]San Francisco Bay Regional Water Quality Control Board (RWQCB) Direct Exposure Human Health Risk Levels (Table S-1), dated 2019 (Rev. 2).

[4]San Francisco Bay Area background arsenic concentration in soils. Establishing Background Arsenic in Soil of the Urbanized San Franciso Bay Region, dated December 2011. Accessed at: https://www.waterboards.ca.gov/sanfranciscobay/water_issues/available_documents/2011_Arsenic_Background_Duverge.pdf

[4]four-point vertical composite sample

[5]four-point horizontal composite sample

Table 9
Soil Analytical Results for Asbestos
Brisbane Quarry
Brisbane, California
Farallon PN: 1363-006

Sample Location	Sample Identification	Sample Depth (feet)[1]	Sample Date	Analytical Results (percent)[2] Asbestos
2019 Phase II Environmental Site Assessment				
B-1	B-1	20, 40, 60, 80[4]	6/19/2019	< 0.25
B-2	B-2	20, 40, 60, 80[4]	6/20/2019	< 0.25
B-3	B-3	20, 40, 60, 80[4]	6/20/2019	< 0.25
S-1	S-1	1.0[5]	6/4/2019	< 0.25
S-2	S-2	1.0[5]	6/4/2019	< 0.25
S-3	S-3	1.0[5]	6/4/2019	< 0.25
S-4	S-4	1.0[5]	6/4/2019	< 0.25
S-5	S-5	1.0[5]	6/4/2019	< 0.25
S-6	S-6	1.0[5]	6/4/2019	< 0.25
S-7	S-7	1.0[5]	6/4/2019	< 0.25
S-8	S-8	1.0[5]	6/4/2019	< 0.25
S-9	S-9	1.0[5]	6/4/2019	< 0.25
2023 Subsurface Investigation				
F-12	F-12-4.0	4.0	5/2/2023	< 0.25
	F-12-15.0	15.0	5/2/2023	< 0.25
F-13	F-13-5.0	5.0	5/2/2023	< 0.25
	F-13-15.0	15.0	5/2/2023	< 0.25
F-16	F-16-1	1.0	5/3/2023	< 0.25
	F-16-2	2.0	5/3/2023	< 0.25
F-21	F-21-10	10.0	5/4/2023	< 0.25
	F-21-20	20.0	5/4/2023	< 0.25
	F-21-30	30.0	5/4/2023	< 0.25
F-22	F-22-10	10.0	5/4/2023	< 0.25
	F-22-20	20.0	5/4/2023	< 0.25
	F-22-30	30.0	5/4/2023	< 0.25
F-23	F-23-1	1.0	5/4/2023	< 0.25
F-24	F-24-5	5.0	5/4/2023	< 0.25
	F-24-20	20.0	5/5/2023	< 0.25
San Francisco Bay RWQCB ESLs Commercial: Shallow Soil Exposure[3]				**NE**
San Francisco Bay RWQCB ESLs: Construction Worker Soil Exposure[3]				**NE**

NOTES:

< denotes analyte not detected at or exceeding the laboratory reporting limit listed.

NE = not established

[1]Depth in feet below ground surface.

[2]Analyzed by CARB 435 Asbestos method.

[3]San Francisco Bay Regional Water Quality Control Board (RWQCB) Direct Exposure Human Health Risk Levels for Commercial/Industrial Shallow Soil Exposure (Table S-1), dated 2019 (Rev. 2).

[4]four-point vertical composite sample

[5]four-point horizontal composite sample

Table 10
Soil Analytical Results for pH
Brisbane Quarry
Brisbane, California
Farallon PN: 1363-006

Sample Location	Sample Identification	Sample Depth (feet)[1]	Sample Date	Analytical Results[2]	
				pH	Temperature (degrees Celsius)
2023 Subsurface Investigation					
F-21	F-21-10	10.0	5/4/2023	8.65	23.20
	F-21-20	20.0	5/4/2023	8.45	23.60
	F-21-30	30.0	5/4/2023	8.41	23.60
F-22	F-22-10	10.0	5/4/2023	11.29	24.80
	F-22-20	20.0	5/4/2023	11.29	23.80
	F-22-30	30.0	5/4/2023	11.92	23.70
F-23	F-23-1	1.0	5/4/2023	9.83	23.00
F-24	F-24-5	5.0	5/4/2023	10.23	23.70
	F-24-20	20.0	5/5/2023	8.54	23.40
San Francisco Bay RWQCB ESLs Commercial: Shallow Soil Exposure[3]				**NE**	**NE**
San Francisco Bay RWQCB ESLs: Construction Worker Soil Exposure[3]				**NE**	**NE**

NOTES:

[1]Depth in feet below ground surface.

NE = not established

[2]Analyzed by U.S. Environmental Protection Agency Method 9045C.

[3]San Francisco Bay Regional Water Quality Control Board (RWQCB) Direct Exposure Human Health Risk Levels for Commercial/Industrial Shallow Soil Exposure (Table S-1), dated 2019 (Rev. 2).

Table 11
Groundwater Analytical Results for TPH
Brisbane Quarry
Brisbane, California
Farallon PN: 1363-006

Sample Location	Sample Date	Sample Identification	Analytical Results (micrograms per liter)[1]		
			TPHg[1]	TPHd[1]	TPHmo[1,2]
Reconnaissance Boring Groundwater Samples					
F-2	5/4/2023	F-2-GW	---	**1,700**	< 1,900
F-5	5/1/2023	F-5-GW	< 50	**250**	< 280
F-6	5/3/2023	F-6-GW	**340**	**5,700**	< 2,800
San Francisco Bay RWQCB Tier 1 ESLs for Groundwater[3]			**100**	**100**	**NE**
San Francisco Bay RWQCB ESLs Vapor Intrusion Human Health Risk Levels: Commercial/Industrial[4]			**NE**	**NE**	**NE**

NOTES:

Results in **bold** denote concentrations exceeding Tier 1 screening levels.
< denotes analyte not detected at or exceeding the reporting limit listed.
--- denotes sample not analyzed.

[1]Analyzed by U.S. Environmental Protection Agency Method 8015B.

[2]TPHmo is composed of long chain compounds (C24-C36+) having negligible solubility. Detections in water samples typically are petroleum HOPs, nonaqueous-phase liquid (NAPL or free product), and/or contaminated sediment.

[3]San Francisco Bay Regional Water Quality Control Board (RWQCB) Tier 1 Environmental Screening Levels (ESLs) for groundwater, dated 2019 (Rev. 2).

[4]San Francisco Bay RWQCB Groundwater Vapor Intrusion Human Health Risk Levels (Table GW-3), dated 2019 (Rev. 2).

ESL = Environmental Screening Level
HOP = hydrocarbon oxidation products
NE = not established
TPHd= total petroleum hydrocarbons (TPH) as diesel-range organics
TPHg = TPH as gasoline-range organics
TPHmo = TPH as motor oil-range organics

Table 12
Groundwater Analytical Results for VOCs
Brisbane Quarry
Brisbane, California
Farallon PN: 1363-006

Sample Location	Sample Date	Sample Identification	Analytical Results (micrograms per liter)[1]											
			1,1,1,2-Tetrachloroethane	1,1,1-Trichloroethane	1,1,2,2-Tetrachloroethane	1,1,2-Trichloroethane	1,1-Dichloroethane	1,1-Dichloroethene	1,1-Dichloropropene	1,2,3-Trichlorobenzene	1,2,3-Trichloropropane	1,2,4-Trichlorobenzene	1,2,4-Trimethylbenzene	1,2-Dibromo-3-chloropropane
Reconnaissance Boring Groundwater Samples														
F-2	5/4/2023	F-2-GW	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 1.0	< 0.5	< 0.5	< 2.0
F-5	5/1/2023	F-5-GW	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 2.0
F-6	5/3/2023	F-6-GW	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	2.1	< 2.0
San Francisco Bay RWQCB Tier 1 ESLs for Groundwater[2]			**0.57**	**62**	**1.0**	**5.0**	**5.0**	**3.2**	**NE**	**NE**	**0.0050**	**5.0**	**NE**	**0.028**
San Francisco Bay RWQCB ESLs Vapor Intrusion Human Health Risk Levels: Commercial/Industrial[3]			**17**	**6,300**	**14**	**23**	**33**	**280**	**NE**	**NE**	**94**	**150**	**NE**	**0.34**

NOTES:
Results in **bold** denote concentrations exceeding Tier 1 screening levels.
< denotes analyte not detected at or exceeding the reporting limit listed.
[1]Analyzed by U.S. Environmental Protection Agency Method 8260B.
[2]San Francisco Bay Regional Water Quality Control Board (RWQCB) Tier 1 Environmental Screening Levels (ESLs) for groundwater, dated 2019 (Rev. 2).
[3]San Francisco Bay RWQCB Groundwater Vapor Intrusion Human Health Risk Levels (Table GW-3), dated 2019 (Rev. 2).

ESL = Environmental Screening Level
NE = not established
VOCs - volatile organic compounds

Table 12
Groundwater Analytical Results for VOCs
Brisbane Quarry
Brisbane, California
Farallon PN: 1363-006

Sample Location	Sample Date	Sample Identification	Analytical Results (micrograms per liter)[1]											
			1,2-Dibromoethane	1,2-Dichlorobenzene	1,2-Dichloroethane	1,2-Dichloropropane	1,3,5-Trimethylbenzene	1,3-Dichlorobenzene	1,3-Dichloropropane	1,4-Dichlorobenzene	2,2-Dichloropropane	2-Butanone (Methyl Ethyl Ketone)	2-Chlorotoluene	4-Chlorotoluene
Reconnaissance Boring Groundwater Samples														
F-2	5/4/2023	F-2-GW	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	11	< 0.5	< 0.5
F-5	5/1/2023	F-5-GW	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 5.0	< 0.5	< 0.5
F-6	5/3/2023	F-6-GW	< 0.5	< 0.5	< 0.5	< 0.5	1.0	< 0.5	< 0.5	< 0.5	< 0.5	< 5.0	< 0.5	< 0.5
San Francisco Bay RWQCB Tier 1 ESLs for Groundwater[2]			**0.050**	**14**	**0.50**	**2.3**	**NE**	**65**	**NE**	**2.6**	**NE**	**5,600**	**NE**	**NE**
San Francisco Bay RWQCB ESLs Vapor Intrusion Human Health Risk Levels: Commercial/Industrial[3]			**0.76**	**11,000**	**9.8**	**10**	**NE**	**NE**	**NE**	**11**	**NE**	**9,500,000**	**NE**	**NE**

NOTES:
Results in **bold** denote concentrations exceeding Tier 1 screening levels.
< denotes analyte not detected at or exceeding the reporting limit listed.
[1]Analyzed by U.S. Environmental Protection Agency Method 8260B.
[2]San Francisco Bay Regional Water Quality Control Board (RWQCB) Tier 1 Environmental Screening Levels (ESLs) for groundwater, dated 2019 (Rev. 2).
[3]San Francisco Bay RWQCB Groundwater Vapor Intrusion Human Health Risk Levels (Table GW-3), dated 2019 (Rev. 2).

ESL = Environmental Screening Level
NE = not established

Table 12
Groundwater Analytical Results for VOCs
Brisbane Quarry
Brisbane, California
Farallon PN: 1363-006

Sample Location	Sample Date	Sample Identification	Analytical Results (micrograms per liter)[1]											
			4-Methyl-2-Pentanone (MIBK)	Acetone	Benzene	Bromobenzene	Bromochloromethane	Bromodichloromethane	Bromoform	Bromomethane	Carbon Tetrachloride	Chlorobenzene	Chloroethane	Chloroform
Reconnaissance Boring Groundwater Samples														
F-2	5/4/2023	F-2-GW	< 5.0	37	< 0.5	< 1.0	< 0.5	< 0.5	< 1.0	< 1.0	< 0.5	< 0.5	< 0.5	< 0.5
F-5	5/1/2023	F-5-GW	< 5.0	< 20	< 0.5	< 1.0	< 0.5	< 0.5	< 1.0	< 1.0	< 0.5	< 0.5	< 0.5	< 0.5
F-6	5/3/2023	F-6-GW	< 5.0	< 20	< 0.5	< 1.0	< 0.5	< 0.5	< 1.0	< 1.0	< 0.5	< 0.5	< 0.5	< 0.5
San Francisco Bay RWQCB Tier 1 ESLs for Groundwater[2]			**120**	**1,500**	**0.42**	**NE**	**NE**	**0.87**	**80**	**7.5**	**0.43**	**25**	**16**	**0.81**
San Francisco Bay RWQCB ESLs Vapor Intrusion Human Health Risk Levels: Commercial/Industrial[3]			**2,300,000**	**97,000,000**	**1.8**	**NE**	**NE**	**3.8**	**510**	**73**	**1.9**	**1,700**	**97,000**	**3.6**

NOTES:
Results in **bold** denote concentrations exceeding Tier 1 screening levels.
< denotes analyte not detected at or exceeding the reporting limit listed.
[1]Analyzed by U.S. Environmental Protection Agency Method 8260B.
[2]San Francisco Bay Regional Water Quality Control Board (RWQCB) Tier 1 Environmental Screening Levels (ESLs) for groundwater, dated 2019 (Rev. 2).
[3]San Francisco Bay RWQCB Groundwater Vapor Intrusion Human Health Risk Levels (Table GW-3), dated 2019 (Rev. 2).

ESL = Environmental Screening Level
NE = not established

Table 12
Groundwater Analytical Results for VOCs
Brisbane Quarry
Brisbane, California
Farallon PN: 1363-006

Sample Location	Sample Date	Sample Identification	Analytical Results (micrograms per liter)[1]											
			Chloromethane	cis-1,2-Dichloroethene	cis-1,3-Dichloropropene	Dibromochloromethane	Dibromomethane	Dichlorodifluoromethane	Diisopropyl Ether	Ethylbenzene	Freon 113	Hexachlorobutadiene	Isopropylbenzene	Methyl Tertiary Butyl Ether (MTBE)
Reconnaissance Boring Groundwater Samples														
F-2	5/4/2023	F-2-GW	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 2.0	< 0.5	< 0.5
F-5	5/1/2023	F-5-GW	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 2.0	< 0.5	< 0.5
F-6	5/3/2023	F-6-GW	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 2.0	< 0.5	< 0.5
San Francisco Bay RWQCB Tier 1 ESLs for Groundwater[2]			**190**	**6.0**	**NE**	**34**	**NE**	**NE**	**NE**	**3.5**	**NE**	**0.14**	**NE**	**5.0**
San Francisco Bay RWQCB ESLs Vapor Intrusion Human Health Risk Levels: Commercial/Industrial[3]			**1,100**	**210**	**NE**	**NE**	**NE**	**NE**	**NE**	**15**	**NE**	**1.3**	**NE**	**2,000**

NOTES:
Results in **bold** denote concentrations exceeding Tier 1 screening levels.
< denotes analyte not detected at or exceeding the reporting limit listed.
[1]Analyzed by U.S. Environmental Protection Agency Method 8260B.
[2]San Francisco Bay Regional Water Quality Control Board (RWQCB) Tier 1 Environmental Screening Levels (ESLs) for groundwater, dated 2019 (Rev. 2).
[3]San Francisco Bay RWQCB Groundwater Vapor Intrusion Human Health Risk Levels (Table GW-3), dated 2019 (Rev. 2).

ESL = Environmental Screening Level
NE = not established

Table 12
Groundwater Analytical Results for VOCs
Brisbane Quarry
Brisbane, California
Farallon PN: 1363-006

Sample Location	Sample Date	Sample Identification	Analytical Results (micrograms per liter)[1]											
			Methylene Chloride	Naphthalene	n-Butylbenzene	n-Propylbenzene	p-Isopropyltoluene	sec-Butylbenzene	Styrene	tert-Amyl Methyl Ether (TAME)	tert-Butyl Alcohol	tert-Butyl Ethyl Ether (ETBE)	tert-Butylbenzene	Tetrachloroethene (PCE)
Reconnaissance Boring Groundwater Samples														
F-2	5/4/2023	F-2-GW	< 10	< 2.0	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 10	< 0.5	< 0.5	< 0.5
F-5	5/1/2023	F-5-GW	< 10	< 2.0	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 10	< 0.5	< 0.5	< 0.5
F-6	5/3/2023	F-6-GW	< 10	**2.4**	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 10	< 0.5	< 0.5	< 0.5
San Francisco Bay RWQCB Tier 1 ESLs for Groundwater[2]			**5.0**	**0.17**	**NE**	**NE**	**NE**	**NE**	**10**	**NE**	**12**	**NE**	**NE**	**0.64**
San Francisco Bay RWQCB ESLs Vapor Intrusion Human Health Risk Levels: Commercial/Industrial[3]			**94**	**20**	**NE**	**NE**	**NE**	**NE**	**36,000**	**NE**	**NE**	**NE**	**NE**	**2.8**

NOTES:
Results in **bold** denote concentrations exceeding Tier 1 screening levels.
< denotes analyte not detected at or exceeding the reporting limit listed.
[1]Analyzed by U.S. Environmental Protection Agency Method 8260B.
[2]San Francisco Bay Regional Water Quality Control Board (RWQCB) Tier 1 Environmental Screening Levels (ESLs) for groundwater, dated 2019 (Rev. 2).
[3]San Francisco Bay RWQCB Groundwater Vapor Intrusion Human Health Risk Levels (Table GW-3), dated 2019 (Rev. 2).

ESL = Environmental Screening Level
NE = not established

Table 12
Groundwater Analytical Results for VOCs
Brisbane Quarry
Brisbane, California
Farallon PN: 1363-006

Sample Location	Sample Date	Sample Identification	Analytical Results (micrograms per liter)[1]							
			Toluene	trans-1,2-Dichloroethene	trans-1,3-Dichloropropene	Trichloroethene (TCE)	Trichlorofluoromethane	Vinyl Chloride	m,p-Xylene	o-Xylene
Reconnaissance Boring Groundwater Samples										
F-2	5/4/2023	F-2-GW	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 1.0	< 0.5
F-5	5/1/2023	F-5-GW	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 1.0	< 0.5
F-6	5/3/2023	F-6-GW	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 1.0	< 0.5
San Francisco Bay RWQCB Tier 1 ESLs for Groundwater[2]			**40**	**10**	**NE**	**1.2**	**NE**	**0.0086**	**20**	
San Francisco Bay RWQCB ESLs Vapor Intrusion Human Health Risk Levels: Commercial/Industrial[3]			**4,900**	**920**	**NE**	**7.5**	**NE**	**0.14**	**1,600**	

NOTES:
Results in **bold** denote concentrations exceeding Tier 1 screening levels.
< denotes analyte not detected at or exceeding the reporting limit listed.
[1]Analyzed by U.S. Environmental Protection Agency Method 8260B.
[2]San Francisco Bay Regional Water Quality Control Board (RWQCB) Tier 1 Environmental Screening Levels (ESLs) for groundwater, dated 2019 (Rev. 2).
[3]San Francisco Bay RWQCB Groundwater Vapor Intrusion Human Health Risk Levels (Table GW-3), dated 2019 (Rev. 2).

ESL = Environmental Screening Level
NE = not established

Table 13
Groundwater Analytical Results for PAHs
Brisbane Quarry
Brisbane, California
Farallon PN: 1363-006

Sample Location	Sample Date	Sample Identification	Analytical Results (micrograms per liter)[1]																	
			1-Methylnaphthalene	2-Methylnaphthalene	Acenaphthene	Acenaphthylene	Anthracene	Benzo(a)Anthracene	Benzo(a)Pyrene	Benzo(b)Fluoranthene	Benzo(g,h,i)Perylene	Benzo(k)Fluoranthene	Chrysene	Dibenzo(a,h)Anthracene	Fluoranthene	Fluorene	Indeno(1,2,3-cd)Pyrene	Naphthalene	Phenanthrene	Pyrene
Reconnaissance Boring Groundwater Samples																				
F-2	5/4/2023	F-2-GW	< 13 H	< 13 H	< 13 H	< 13 H	< 13 H	< 13 H	< 13 H	< 13 H	< 13 H	< 13 H	< 13 H	< 13 H	< 13 H	< 13 H	< 13 H	< 13 H	< 13 H	< 13 H
F-6	5/3/2023	F-6-GW	2.4	**2.2**	< 0.53	< 0.53	< 0.53	< 0.53	< 0.53	< 0.53	< 0.53	< 0.53	< 0.53	< 0.53	< 0.53	< 0.53	< 0.53	**0.78**	< 0.53	< 0.53
San Francisco Bay RWQCB Tier 1 ESLs for Groundwater[2]			**NE**	**2.1**	**15**	**15**	**0.73**	**0.017**	**0.014**	**0.049**	**0.10**	**0.049**	**0.049**	**0.025**	**8.0**	**3.9**	**0.049**	**0.17**	**4.6**	**2.0**
San Francisco Bay RWQCB ESLs Vapor Intrusion Human Health Risk Levels: Commercial/Industrial[3]			**NE**	**NE**	**NE**	**NE**	**NE**	**230**	**NE**	**NE**	**NE**	**NE**	**NE**	**NE**	**NE**	**NE**	**NE**	**20**	**NE**	**NE**

NOTES:

Results in **bold** denote concentrations exceeding Tier 1 screening levels.

< denotes analyte not detected at or exceeding the reporting limit listed.

[1]Analyzed by U.S. Environmental Protection Agency Method 8270C/SIM.

[2]San Francisco Bay Regional Water Quality Control Board (RWQCB) Tier 1 Environmental Screening Levels (ESLs) for groundwater, dated 2019 (Rev. 2).

[3]San Francisco Bay Regional Water Quality Control Board (RWQCB) Groundwater Vapor Intrusion Human Health Risk Levels (Table GW-3), dated 2019 (Rev. 2).

ESL = Environmental Screening Level

H = sample extracted and analyzed outside of holding time

PAH = polycylic aromatic hydrocarbon

Table 14
Soil Gas Analytical Results for VOCs
Brisbane Quarry
Brisbane, California
Farallon PN: 1363-006

Sample Location	Sample Identification	Sample Depth (feet)[1]	Sample Date	Analytical Results (micrograms per cubic meter)[2]									Analytical Results (percent)[3]
				2-Butanone (Methyl Ethyl Ketone)	2-Hexanone	2-Propanol	Acetone	Carbon Disulfide	tert-Butyl Alcohol	TPHg	m,p-Xylene	o-Xylene	Helium
2023 Subsurface Investigation													
F-4	F-4-SG	0.5	5/9/2023	1.5	3.9	16	12	< 1.6	< 1.5	---	4.0	< 2.2	< 0.0087
F-9	F-9-SG-5.0	5.0	5/9/2023	2.2	< 2.1	15	< 12	2.3	5.2	820 x	< 2.2	< 2.2	< 0.015
San Francisco Bay RWQCB ESLs for Subslab/Soil Gas - Commercial/Industrial[4]				**730,000**	**NE**	**NE**	**4,500,000**	**NE**	**NE**	**83,000**	**15,000**		**NE**

NOTES:

< denotes analyte not detected at or exceeding the reporting limit listed.

--- denotes sample not analyzed.

[1]Depth in feet below ground surface.

[2]Analyzed by U.S. Environmental Protection Agency Method TO-15. Only detected analytes shown in table; see lab report for full list of analytes.

[3]Analyzed by ASTM Method D1946.

[4]San Francisco Bay Regional Water Quality Control Board (RWQCB) Subslab/Soil Gas Vapor Intrusion: Human Health Risk Levels, (Table SG-1), dated 2019 (Rev 2).

NE = not established

TPHg= total petroleum hydrocarbons (TPH) as gasoline-range organics

x = chromatogram does not match pattern of reference gasoline standard; result due to discrete peaks and non-target hydrocarbons within the C5-C12 range quantified as gasoline

VOCs = volatile organic compounds

APPENDIX A
STANDARD OPERATING PROCEDURES

ADDITIONAL ENVIRONMENTAL INVESTIGATION REPORT
1 Quarry Road
Brisbane, California

Farallon PN: 1363-006

Standard Operating Procedure Installation and Extraction of the Vapor Pin®

Updated September 9, 2016

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, US 9,291,531 B2 and other patents pending

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). Turn the tool clockwise continuously, don't stop turning, the VAPOR PIN® will feed into the bottom of the installation/extraction tool and will extract from the hole like a wine cork, DO NOT PULL.

2) Fill the void with hydraulic cement and smooth with a trowel or putty knife.



Figure 7. Removing the VAPOR PIN®

- 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. For both steps, **STAINLESS – ½ hour, BRASS 8 minutes**

3) Replacement parts and supplies are available online.

STANDARD OPERATING PROCEDURE (SOP) CA-SL-01
SUBSLAB SOIL GAS VAPOR PIN INSTALLATION AND SAMPLING

PURPOSE AND APPLICATION

The purpose of this standard operating procedure (SOP) is to provide field personnel with the information needed to collect and document subslab soil gas samples through Vapor Pins to ensure representative sampling and accurate documentation of the data collection process.

The step-by-step guidelines provided in this SOP are to be followed by the field crew installing and collecting subslab soil gas samples from Vapor Pins. This SOP was prepared in accordance with the *Advisory–Active Soil Gas Investigations* dated July 2015, prepared by the California Department of Toxic Substances Control (California Environmental Protection Agency 2015) (DTSC Advisory), the *Standard Operating Procedure Installation and Extraction of the Vapor Pin* prepared by Cox-Colvin & Associates, Inc. (2016), and additional guidance documents provided in the bibliography.

EQUIPMENT AND SUPPLIES/REAGENTS

The following equipment is necessary to properly conduct subslab soil gas sampling through Vapor Pins:

- A laboratory- or subcontractor-provided shroud. The shroud will enclose the 1-liter Summa canister used to collect the sample while allowing leak testing to be performed using analytical-grade helium.
- An analytical-grade helium MGD 2002 dielectric helium detector (or equivalent helium detection device).
- New 0.25-inch-outside-diameter Teflon tubing and Swagelok 0.25-inch-outside-diameter compression fittings for dedicated sampling at each sampling location.
- A hand-held rotary hammer drill with 1.5-inch- and 5/8-inch-diameter bits to penetrate the slab.
- Aquarium-grade silicone or suitable volatile organic compound (VOC)–free substance to seal the slab borehole annulus and sample tubing, as needed.
- A sufficient number of 1-liter Summa canisters supplied by the analytical laboratory, as specified by the project sampling plan. Each canister will be equipped with a dedicated manifold with T-fitting that includes appropriate filters, pressure gauges, valves, and flow controllers set for a sample collection rate of 200 milliliters per minute or less (depending on the desired sampling-time interval), and/or accessories to collect samples required by the project sampling plan.
- Equipment required to collect samples using 1-liter Summa canisters, including appropriate wrenches and other tools and/or fittings.

- A lung box, Tedlar bags, and a low-volume purge pump or syringe for evaluating leaks in the sampling train prior to initiating sampling using helium tracer gas.
- Laboratory-provided shipping containers for the Summa canisters.
- Patch material to restore the area of the drilled hole to its original condition.
- Field notes to record sampling procedures and data.

DECONTAMINATION

Use dedicated soil gas sampling supplies and equipment at each location. No decontamination of equipment in the field is required.

PROCEDURES

Implement the following to collect soil gas samples representative of conditions beneath the building slab.

Preparation for Installation

Perform the following steps to prepare and stage the sampling equipment prior to performing leak-detection testing and sample collection at each sampling location:

- Ensure that access agreements are in place and the building owner and/or operator is aware that sampling will be performed.
- Clear the sampling locations for utilities. Building slabs may contain conduits for electrical wires, structural cables, and/or other utilities that could be encountered when the slab is cored for sampling. Retain a private utility location service for each sampling location at sites where utility locations have not been documented.
- Install the Vapor Pin according to the *Standard Operating Procedures Installation and Extraction of the Vapor Pin* prepared by Cox-Colvin & Associates, Inc. (2016).
- Apply aquarium-grade silicone or a similar VOC-free substance inside the borehole to seal the core annulus around the Vapor Pin, if needed.
- Place the sample canister assembly near the sampling point inside of the shroud. Use the laboratory-supplied manifold with T-fitting to connect the tubing and the fittings so there is a feed from the subslab sample collection tubing into the sampling canister and also to the connection exiting the shroud for leak detection.
- Configure the helium supply, helium detector, and sampling shroud for monitoring using a sampling train similar to that illustrated on Figure C-1 of the DTSC Advisory.

Equilibration Time

Subsurface conditions are disturbed during drilling and probe placement. Follow recommended equilibration times to allow the subsurface conditions to equilibrate back to representative pre-disturbance conditions detailed in Section 4.0, Soil Gas Sample Collection of the DTSC Advisory.

Install Vapor Pins using a rotary hammer and allow them to equilibrate for at least 2 hours prior to sampling.

Leak-Detection Protocols

Make provisions to eliminate or minimize leakage of ambient air into the subslab soil gas sample. Helium concentrations measured in the sample must not exceed 5 percent of the helium concentration in the shroud (e.g., 1 percent helium in the sample at a 20 percent shroud concentration). Introduction of ambient air into the soil gas sample may dilute the sample results or may bias the soil gas sample high if ambient air contains concentrations of the target hazardous substance(s). Use of a tracer gas enables detection of ambient air incursion from above the slab if the soil gas probe and/or the sampling canister assembly is not completely sealed. Farallon uses analytical-grade helium as the tracer gas. Collect a preliminary soil gas sample in a Tedlar bag and screen using the helium detector before opening the 1-liter Summa canister. If helium is detected during real-time Tedlar bag sample collection, indicating potential ambient air leakage, make modifications and/or adjustments of sampling equipment prior to soil gas sampling.

Leak-Detection Testing for Manifolds

Several days before sampling commences, test for leaks in the laboratory-supplied manifolds and/or flow controllers to allow time to obtain new canisters, manifolds, and/or flow controllers if the equipment fails the testing. Follow the instructions below for the leak-detection testing:

- Verify that the number engraved on each Summa canister matches the number listed on the certified-clean tag attached to the canister to ensure that the canister was properly decontaminated. Ensure that documentation of the laboratory certification for the canister(s) is included on a tag attached to the canister and in the paperwork that accompanies the canister shipment from the laboratory.
- Confirm that the Summa canister valves are closed (i.e., the knob is tightened clockwise).
- Attach the manifold—including the filter, flow controller, and pressure gauge—to the canister.
- Confirm that a brass cap is secured at the inlet of the manifold/flow controller, creating an air-tight sampling train.
- Quickly open and close the sample canister valve and observe the gauge reading. If the initial gauge reading is less than the minimum canister pressure necessary to collect a sample that will meet the required practical quantitation limit/method detection limit, discontinue leak testing, and obtain additional canisters. Repeat the testing for all new canisters.
- If the initial vacuum pressure is more than minimum canister pressure necessary to collect a sample that will meet the required practical quantitation limit/method detection limit, continue to monitor the gauge to check for leaks in the manifold and connections to the Summa canister. Observe the gauge for 5 minutes. If the needle on

the gauge drops, indicating a loss of pressure, the sampling train is not air-tight. In this situation, refit and/or tighten the connections until the needle holds steady. If leakage is still indicated, use an alternate manifold/flow controller to confirm that the initial manifold/flow controller requires replacement. Obtain replacement equipment and repeat the testing.

- Once the sample canisters and the laboratory-supplied equipment have been tested and approved for use, proceed with field-testing for potential leaks in the sampling train associated with tubing connections and the seal at the concrete slab.

Shut-in Testing, Purging, and Real-Time Leak Detection

Use the following protocol to test for leaks during the sample collection. Follow the instructions below followed for shut-in testing, purging, and real-time leak detection:

- Remove the brass cap from the manifold/flow controller inlet and connect the tubing from the sample port using a laboratory-supplied manifold with a T-fitting. Connect the other outlet from the manifold will be connected via Teflon tubing to the helium sampling port on the side of the sampling shroud. Record the length of each piece of tubing used during sample train assembly. The tubing lengths will be used to estimate purge volumes of ambient air to be removed prior to sampling.
- Connect the tubing from the helium sampling port to the inlet for the lung box. Connect a Tedlar bag to the helium sampling port connection inside the lung box. Connect the low-volume purge pump inlet or syringe to the other port for the lung box. Open the valve on the Tedlar bag for sampling and seal the lung box.
- Ensure that the sampling shroud base has a seal that will retain the helium and minimize introduction of ambient indoor air.
- Perform additional shut-in testing on the fully assembled sampling train once it is set up in the field by evacuating the sampling train to a minimum measured vacuum of approximately 100 inches of water using the purge pump or syringe. Observe the vacuum gauge connected to the system with a T-fitting for at least 1 minute. If there is any observable loss of vacuum, adjust the fittings until the vacuum in the sample train does not noticeably dissipate. After a successful shut-in test, do not alter the sampling train. Calibrate the vacuum gauge so that it is sensitive enough to indicate a water pressure change of 0.5 inch.
- Attach the tubing from the flow controller for the helium canister to the port on the sampling shroud and begin filling the shroud with helium, maintaining a minimum concentration of at least 20 percent as measured with the helium detector. **DO NOT OPEN THE SAMPLE CANISTER.**
- Purge an estimated three volumes of air from the tubing/borehole. Use the following equation to calculate the volume of air to be removed:
- Volume (in cubic inches) = $3.1417\ Xr^2$

- Where:
- X = the length of tubing (inches) and
- r = the inner radius (inches) of all tubing lengths being used.
- Use the same equation to estimate the volume of the cored boring in the concrete slab, where "X" is the depth of the boring, and "r" is the radius of the boring.
- Add the two volumes as well as the estimated volume of air within the manifold to determine one "internal" volume of air to be purged. Multiply this volume by three for three purge volumes; the result will be in cubic inches. Divide by the flow rate (200 milliliters per minute = 12.2 cubic inches per minute) to determine how many minutes (or convert to seconds by multiplying by 60) to purge the tubing. Record the calculations in the field notes.
- Use the low-flow purge pump or syringe to evacuate the lung box, drawing the calculated purge volumes into the Tedlar bag. The calculated purge volume should produce a sample volume sufficient to evaluate whether helium is present in the sample using the helium detector. If an additional sample is required, record the additional volume of soil gas removed.
- Once the calculated purge volume has been reached, close the valve on the shroud, and turn off the pump. Open the lung box and close the valve on the Tedlar bag. Remove the Tedlar bag and use the helium detector to measure the helium concentration in the Tedlar bag. If helium concentrations in the Tedlar bag exceed 5 percent of the helium concentration in the shroud (i.e., 1 percent helium in the Tedlar bag at a 20 percent shroud concentration), there is sufficient leakage to compromise the soil gas analytical results.
- Check all fittings/seals and repeat the shut-in test and leak test until helium concentrations are less than 5 percent of the concentration measured in the shroud.

Sampling Methodology

Soil gas sampling will be will not be performed during a significant rainfall event (i.e., more than 0.5 inch of rainfall during a 24-hour period). Sampling will only be conducted after 5 days without a significant rainfall event. Infiltration of rainwater adjacent to a building slab may have a temporary effect on soil gas conditions and yield biased, non-representative sampling results.

Initiate sampling procedures immediately upon confirmation that leakage of ambient air has been eliminated, or reduced to an acceptable level (i.e., less than 5 percent helium in the sample). Follow the instructions below for soil gas sample collection:

- Open the sample canister valve and record the pressure on the gauge as "initial pressure" in the field notes and on the sample tag attached to the canister. Ensure that the sample shroud is undisturbed and protects the sample canister throughout the sampling period. The sampling period will be based on the flow controller setting

established by the laboratory. Maintain the flow rate between 100 and 200 milliliters per minute, as recommended in the DTSC Advisory.

- Check the canister to confirm that it is filling at the rate specified for the flow controller. Because the accuracy of the flow regulators can vary slightly, causing a canister to fill faster or more slowly than expected, check canister pressure before the end of the sampling period. The volume of air sampled is a linear function of the canister vacuum. Therefore, halfway through the sampling, the canister should be half-filled and the gauge should read approximately 17 inches of mercury. Ensure the final pressure at the end of sampling is 5 inches of mercury to ensure that ambient air does not accidentally enter the canister during shipping.
- Upon completion of the sampling, record the time and the exact pressure of the canister on the sample tag for that canister, on the Chain of Custody form, and in the field notes. Record any other condition that could affect the results (e.g., site activities, weather, holes and/or cracks in the concrete slab).
- Close the sample canister valve, disconnect it from the manifold, and replace and tighten the brass caps on the canister inlet.
- If sampling from a temporary location, extract the Vapor Pin using the *Standard Operating Procedure Installation and Extraction of the Vapor Pin* prepared by Cox-Colvin & Associates, Inc. If sampling from a permanent location, install the flush-mounted cover to protect the Vapor Pin according to the *Standard Operating Procedure Installation and Extraction of the Vapor Pin* prepared by Cox-Colvin & Associates, Inc. (2016)

Post-Sampling Procedures

Ensure that all sample containers are labeled with the following information: sample identification, date and time the sample was collected, initial and ending canister pressure, site name, and company name. Record this information and the time sample collection was completed in the field notes and transfer pertinent information to the Chain of Custody form. Pack each Summa canister in its original shipping container, seal with a custody seal, and send to the laboratory for analysis as soon as possible.

Analysis

Subslab soil gas samples will be analyzed using U.S. Environmental Protection Agency Method TO-15. The hold time for analysis of most VOCs using U.S. Environmental Protection Agency Method TO-15 is 30 days. Check the Project Sampling Plan for any project-specific hold times.

DOCUMENTATION

Provide documentation regarding field activities, environmental and building conditions, and other sampling documentation such as photos and video recordings. Include the documentation on standard Farallon forms and in the field notes and, if electronically recorded, label the documents and transfer them to the proper project folder.

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STANDARD OPERATING PROCEDURE (SOP) CA-SL-02
SOIL GAS WELL INSTALLATION AND SAMPLING

PURPOSE AND APPLICATION

The purpose of this standard operating procedure (SOP) is to provide field personnel with the information needed to document soil gas well installation and collect soil gas samples to ensure representative sampling and accurate documentation of the data collection process.

The step-by-step guidelines provided in this SOP are to be followed by the field crew installing soil gas wells and collecting soil gas samples. This SOP was prepared in accordance with the *Advisory–Active Soil Gas Investigations* dated July 2015, prepared by the California Department of Toxic Substances Control (California Environmental Protection Agency 2015) (DTSC Advisory) and additional guidance documents provided in the bibliography.

EQUIPMENT AND SUPPLIES/REAGENTS

The following equipment is necessary to properly conduct soil gas sampling:

- A laboratory- or subcontractor-provided shroud. The shroud will enclose the 1-liter Summa canister used to collect the sample while allowing leak testing to be performed using analytical-grade helium.
- An analytical-grade helium MGD 2002 dielectric helium detector (or equivalent helium detection device).
- New 0.25-inch-outside-diameter Teflon tubing and Swagelok 0.25-inch-outside-diameter compression fittings for dedicated sampling at each sampling location.
- A subcontracted concrete corer to penetrate the slab and remove a core with a minimum diameter of 4 inches.
- A subcontracted driller to hand-auger the first 5 feet of the borehole and drill the boring to depth.
- A sufficient number of 1-liter Summa canisters supplied by the analytical laboratory, as specified by the Project Sampling Plan. Each canister must be equipped with a dedicated manifold with a T-fitting that includes appropriate filters, pressure gauges, valves, and flow controllers set for a sample collection rate of 200 milliliters per minute or less (depending on the desired sampling-time interval), and/or accessories to collect samples required by the Project Sampling Plan.
- Equipment required to collect samples using 1-liter Summa canisters, including appropriate wrenches and other tools and/or fittings.
- A lung box, Tedlar bags, and a low-volume purge pump or syringe for evaluating leaks in the sampling train using helium tracer gas.
- The laboratory-provided shipping containers for the Summa canisters.

- Patch material to restore the area of the drilled hole to its original condition.
- Field notes to record sampling procedures and data.

DECONTAMINATION

Use dedicated soil gas sampling supplies and equipment at each location. Decontaminate reusable equipment that will come into contact with soil before arrival at the site, upon relocation at the site, and upon demobilization from the site, in accordance with Farallon SOP EQ-01, Equipment Decontamination Procedures.

PROCEDURES

The following procedures are to be implemented to collect soil gas samples representative of conditions. Procedures include preparation for sampling, leak-detection protocols, leak-detection testing for manifolds, purging and real-time leak detection, sampling methodology, post-sampling procedures, and analysis.

Preparation for Installation

Perform the following steps to prepare and stage the sampling equipment prior to performing leak-detection testing and sample collection at each sampling location:

- Ensure that access agreements are in place and the building owner and/or operator is aware that sampling will be performed.
- Clear the sampling locations for utilities. Building slabs may contain conduits for electrical wires, structural cables, and/or other utilities that could be encountered when the slab is cored for sampling. Retain a private utility location service for each sampling location at sites where utility locations have not been documented.
- Install a borehole by advancing hand-driven augers to a depth of 5 feet below ground surface. If installing deeper soil gas wells, retain a drilling contractor to use a drilling rig to drill a borehole to the depth specified in the Project Sampling Plan.
- Upon reaching total depth, lower new 0.25-inch Teflon tubing equipped with an air-stone to approximately 0.5 foot above the bottom of the total depth. Backfill the borehole with approximately 1 foot of clean #3 sand. Place approximately 6 inches of dry granular bentonite on top of the sand as a transition seal. Backfill the remainder of the borehole with hydrated bentonite to the surface. If installing a nested soil gas well, ensure that the hydrated bentonite seal extends to approximately 1 foot below the depth of the next soil vapor sampling probe, and install the probe using the procedures described above. In the event groundwater or hand-auger refusal is encountered at a depth shallower than the desired total depth, construct the soil gas well using the procedures described above from a depth of 1 foot above the water table or refusal depth.

- Seal the Teflon tubing at the surface and install a traffic-rated flush mounted well box, if installing a permanent sampling point.
- Containerize any soil cuttings generated during the soil gas well installation pending characterization for off-site disposal.
- Place the sample canister assembly near the sampling point inside of the shroud. Use the laboratory-supplied manifold with T-fitting to connect the tubing and the fittings so there is a feed from the subslab sample collection tubing into the sampling canister and also to the connection exiting the shroud for leak detection.
- Configure the helium supply, helium detector, and sampling shroud for monitoring using a sampling train similar to that illustrated on Figure C-1 of the DTSC Advisory.

Equilibration Time

Subsurface conditions are disturbed during drilling and probe placement. Follow recommended equilibration times to allow the subsurface conditions to equilibrate back to representative pre-disturbance conditions detailed in Section 4.0, Soil Gas Sample Collection of the DTSC Advisory. Allow soil gas wells to equilibrate for at least 48 hours prior to sampling.

Leak-Detection Protocols

Make provisions to eliminate or minimize leakage of ambient air into the subslab soil gas sample. Helium concentrations measured in the sample must not exceed 5 percent of the helium concentration in the shroud (e.g., 1 percent helium in the sample at a 20 percent shroud concentration). Introduction of ambient indoor air into the soil gas sample may dilute the sample results or may bias the soil gas sample high if ambient air contains concentrations of the target hazardous substance(s). Use of a tracer gas enables detection of ambient air incursion from above the slab if the soil gas probe and/or the sampling canister manifold assembly is not completely sealed. Farallon uses analytical-grade helium as the tracer gas. Collect a preliminary soil gas in a Tedlar bag and screen using the helium detector before opening the 1-liter Summa canister. If helium is detected during real-time Tedlar bag sample collection, indicating potential ambient air leakage, make modifications and/or adjustments to the sampling equipment prior to soil gas sampling.

Leak-Detection Testing for Manifolds

Several days before sampling commences, test for leaks in the laboratory-supplied manifolds and/or flow controllers to allow time to obtain new canisters, manifolds, and/or flow controllers if the equipment fails the testing. Follow the instructions below for the leak-detection testing:

- Verify that the number engraved on each Summa canister matches the number listed on the certified-clean tag attached to the canister to ensure that the canister was properly decontaminated. Ensure that documentation of the laboratory certification for the canister(s) is included on a tag attached to the canister and in the paperwork that accompanies the canister shipment from the laboratory.

- Confirm that the Summa canister valves are closed (i.e., the knob is tightened clockwise).
- Attach the manifold—including the filter, flow controller, and pressure gauge—to the canister.
- Confirm that a brass cap is secured at the inlet of the manifold/flow controller, creating an air-tight sampling train.
- Quickly open and close the sample canister valve and observe the gauge reading. If the initial gauge reading is less than the minimum canister pressure necessary to collect a sample that will meet the required practical quantitation limit/method detection limit, discontinue leak testing and obtain additional canisters. Repeat the testing for all new canisters.
- If the initial vacuum pressure is more than minimum canister pressure necessary to collect a sample that will meet the required practical quantitation limit/method detection limit, continue to monitor the gauge to check for leaks in the manifold and connections to the Summa canister. Observe the gauge for 5 minutes. If the needle on the gauge drops, indicating a loss of pressure, the sampling train is not air-tight. In this situation, refit and/or tighten the connections until the needle holds steady. If leakage is still indicated, use an alternate manifold/flow controller to confirm that the initial manifold/flow controller requires replacement. Obtain replacement equipment and repeat the testing.
- Once the sample canisters and the laboratory-supplied equipment have been tested and approved for use, proceed with field-testing for potential leaks in the sampling train associated with tubing connections and the seal at the concrete slab.

Shut-in Testing, Purging, and Real-Time Leak Detection

Use the following protocol to test for leaks during the sample collection. Follow the instructions below followed for shut-in testing, purging, and real-time leak detection:

- Remove the brass cap from the manifold/flow controller inlet and connect the tubing from the sample port using a laboratory-supplied manifold with a T-fitting. Connect the other outlet from the manifold via Teflon tubing to the helium sampling port on the side of the sampling shroud. Record the length of each piece of tubing used during sample train assembly. The tubing lengths will be used to estimate purge volumes of ambient air to be removed prior to sampling.
- Connect the tubing from the helium sampling port to the inlet for the lung box. Connect a Tedlar bag to the helium sampling port connection inside the lung box. Connect the low-volume purge pump inlet or syringe to the other port for the lung box. Open the valve on the Tedlar bag for sampling and seal the lung box.
- Ensure that the sampling shroud base has a tight seal that will retain the helium and minimize introduction of ambient indoor air.

- Perform additional shut-in testing on the fully assembled sampling train once it is set up in the field by evacuating the sampling train to a minimum measured vacuum of approximately 100 inches of water using the purge pump or syringe. Observe the vacuum gauge connected to the system with a T-fitting for at least 1 minute. If there is any observable loss of vacuum, adjust the fittings until the vacuum in the sample train does not noticeably dissipate. After a successful shut-in test, do not alter the sampling train. Calibrate the vacuum gauge so that it is sensitive enough to indicate a water pressure change of 0.5 inch.
- Attach the tubing from the flow controller for the helium canister to the port on the sampling shroud and begin filling the shroud with helium, maintaining a minimum concentration of at least 20 percent as measured with the helium detector. **DO NOT OPEN THE SAMPLE CANISTER.**
- Purge an estimated three volumes of air from the tubing/borehole. Use the following equation to calculate the volume of air to be removed:

  Volume (in cubic inches) = $3.1417\ Xr^2$

  Where:

  X = the length of tubing (inches) and

  r = the inner radius (inches) of all tubing lengths being used.
- Use the same equation to estimate the volume of the cored boring, where "X" is the depth of the boring and "r" is the radius of the boring.
- Add the two volumes and well as the estimated volume of air within the manifold to determine one "internal" volume of air to be purged. Multiply this volume by three for three purge volumes; the result will be in cubic inches. Divide by the flow rate (200 milliliters per minute = 12.2 cubic inches per minute) to determine how many minutes (or convert to seconds by multiplying by 60) to purge the tubing. Record the calculations in the field notes.
- Use the low-flow purge pump or syringe to evacuate the lung box, drawing the calculated purge volumes into the Tedlar bag. The calculated purge volume should produce a sample volume sufficient to evaluate whether helium is present in the sample using the helium detector. If an additional sample is required, record the additional volume of soil gas removed.
- Once the calculated purge volume has been reached, close the valve on the shroud and turn off the pump. Open the lung box and close the valve on the Tedlar bag. Remove the Tedlar bag and use the helium detector to measure the helium concentration in the Tedlar bag. If helium concentrations in the Tedlar bag exceed 5 percent of the helium concentration in the shroud (i.e., 1 percent helium in the Tedlar bag at a 20 percent shroud concentration), there is sufficient leakage to compromise the soil gas analytical results.

- Check all fittings and repeat the shut-in test and leak test until helium concentrations are less than 5 percent of the concentration measured in the shroud.

Sampling Methodology

Soil gas sampling will not be performed during a significant rainfall event (i.e., more than 0.5 inch of rainfall during a 24-hour period). Sampling will only be conducted after 5 days without a significant rainfall event. Infiltration of rainwater adjacent to a building slab may have a temporary effect on soil gas conditions and yield biased, non-representative sampling results.

Initiate sampling procedures immediately upon confirmation that leakage of ambient air has been eliminated, or reduced to an acceptable level (i.e., less than 5 percent helium in the sample). Follow the instructions below for soil gas sample collection:

- Open the sample canister valve and record the pressure on the gauge as "initial pressure" in the field notes and on the sample tag attached to the canister. Ensure that the sample shroud is undisturbed and protects the sample canister throughout the sampling period. The sampling period will be based on the flow controller setting established by the laboratory. Maintain the flow rate between 100 and 200 milliliters per minute, as recommended in the DTSC Advisory.
- Check the canister to confirm that it is filling at the rate specified for the flow controller. Because the accuracy of the flow regulators can vary slightly, causing a canister to fill faster or more slowly than expected, check canister pressure before the end of the sampling period. The volume of air sampled is a linear function of the canister vacuum. Therefore, halfway through the sampling, the canister should be half-filled and the gauge should read approximately 17 inches of mercury. Ensure the final pressure at the end of sampling is 5 inches of mercury to ensure that ambient air does not accidentally enter the canister during shipping.
- Upon completion of the sampling, record the time and the exact pressure of the canister on the sample tag for that canister, on the Chain of Custody form, and in the field notes. Record any other condition that could affect the results (e.g., site activities, weather, holes and/or cracks in the concrete slab).
- Close the sample canister valve, disconnect it from the manifold, and replace and tighten the brass caps on the canister inlet.
- If sampling from a temporary location, extract the Teflon tubing and remove the bentonite using a hand-auger, as needed, according to the requirements of the permitting agency. If sampling from a permanent location, seal the Teflon tubing at the surface and close the traffic-rated well box.

Post-Sampling Procedures

Ensure that all sample containers are labeled with the following information: sample identification, date and time the sample was collected, initial and ending canister pressure, site name, and

company name. Record this information and the time sample collection was completed in the field notes and transfer pertinent information to the Chain of Custody form. Pack each Summa canister in its original shipping container, seal with a custody seal, and send to the laboratory for analysis as soon as possible.

Analysis

Subslab soil gas samples will be analyzed using U.S. Environmental Protection Agency Method TO-15. The hold time for analysis of most VOCs using U.S. Environmental Protection Agency Method TO-15 is 30 days. Check the Project Sampling Plan for any project-specific hold times.

DOCUMENTATION

Provide documentation regarding field activities, environmental and building conditions, and other sampling documentation such as photos and video recordings. Include the documentation on standard Farallon forms and in the field notes and, if electronically recorded, label the documents and transfer them to the proper project folder.

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U.S. Environmental Protection Agency. 1999. *Compendium of Methods for Determination of Toxic Organic Compounds in Ambient Air, Second Edition, Compendium Method To-14A, Determination of Volatile Organic Compounds (VOCs) in Ambient Air Using Specially Prepared Canisters with Subsequent Analysis by Gas Chromatography*. Center for Environmental Research Information, Office of Research and Development. January.

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———. 2004. *Standard Operating Procedure (SOP) for Installation of Sub-Slab Vapor Probes and Sampling Using EPA Method TO-15 to Support Vapor Intrusion Investigations.* U.S. Office of Research and Development, National Risk Management Research Laboratory, Groundwater and Ecosystem Restoration Division. Ada, Oklahoma.

Washington State Department of Ecology. 2009. *Guidance for Evaluating Soil Vapor Intrusion in Washington State: Investigation and Remedial Action.* Review Draft. October.

STANDARD OPERATING PROCEDURE EQ-01
EQUIPMENT DECONTAMINATION PROCEDURES

PURPOSE AND APPLICATION

The purpose of this standard operating procedure (SOP) is to provide field personnel with the methodology for decontaminating sampling equipment during various field activities. The step-by-step guidelines provided in this SOP are to be followed by the field crew during all site visits, as applicable.

EQUIPMENT AND SUPPLIES/REAGENTS

The following equipment is necessary to properly decontaminate field equipment during various field tasks:

- Rinse water or distilled water.
- Deionized water.
- Liquinox or other phosphate-free detergent.
- Paper towels.
- Labeled squirt bottles.
- Long-handled hard-bristle brushes (for sediment and soil).
- Cotton swabs.
- Plastic sheeting, garbage bags, and aluminum foil (for sediment and soil).
- Core liner caps or plastic wrap and rubber bands (for sediment and soil).
- Extension arm for cleaning core liners (for sediment and soil).
- Plastic 5-gallon bucket.
- U.S. Department of Transportation-approved drum(s) for decontamination water unless other water-handling arrangements have been made. Separate drums are needed for liquid and solid wastes (see Farallon SOP WM-01, Field-Handling of Investigation-Derived Waste). Liquid wastes should not be added to drums containing solid wastes.

Dilute Liquinox with distilled water in a squirt bottle in accordance with the instructions on the Liquinox package, and label the bottle. Fill another squirt bottle with distilled water, and label the bottle.

FIELD EQUIPMENT TO BE DECONTAMINATED AFTER USE

Decontaminate the following field equipment at the conclusion of field work each day, in accordance with the procedures outlined in this SOP:

- Water-level meter.
- Horiba/YSI multiparameter probe.
- Bladder pump.
- Submersible pump.
- Sediment and soil collection and processing equipment.

WATER-LEVEL METER DECONTAMINATION

Decontaminate the water-level meter after measuring the water level at a monitoring well before moving to a new monitoring well, using the following procedures:

- Spray the bottom half of a paper towel with the diluted Liquinox solution, and the upper half with deionized water.
- Grip the measuring tape of the water-level meter with the paper towel in one hand with the Liquinox side down toward the monitoring well casing.
- Begin slowly reeling up the water-level meter while maintaining firm contact between the measuring tape and the paper towel.
- Ensure that no debris or contamination remains on the measuring tape of the water-level meter once it has been reeled up.
- Use a clean new paper towel for each successive decontamination of the measuring tape of the water-level meter.

HORIBA/YSI MULTIPARAMETER PROBE DECONTAMINATION

Decontaminate the Horiba/YSI multiparameter probe at the end of each workday or after sampling a monitoring well with high concentrations of contamination, using the following procedures:

- Remove the multiparameter probe from the flow-through cell, and thoroughly spray each component with deionized water.
- Use a cotton swab to gently clean around each sensor probe, ensuring that all contaminated water and material has been washed away.
- Refill the protective dissolved oxygen and pH probe caps with deionized water, and replace prior to storage.
- Once the multiparameter probe has been adequately cleaned, replace the protective shield, and return the probe to the case. If the device appears to be overly wet, allow it to air-dry with the case open.

- Do not use Liquinox to clean any probes on the Horiba multiparameter probe, as it may damage the device.

BLADDER PUMP DECONTAMINATION

Decontaminate the bladder pump after sampling a well and at the end of each workday, using the following procedures:

- After extracting the bladder pump from the well, break down the pump, remove and dispose of the used bladder, and spray each component with the diluted Liquinox solution, followed by deionized water.
- Wipe away any visible contamination or debris with a paper towel.
- Capture cleaning water in a liquid waste drum for proper disposal in accordance with Farallon SOP WM-01, Field-Handling of Investigation-Derived Waste.
- Ensure that all contamination and Liquinox solution is washed off all components before reassembling the device, installing a new bladder, and moving to sample a new well.

SUBMERSIBLE PUMP DECONTAMINATION

Decontaminate the submersible pump after purging water from any well, using the following procedures:

- After extracting the submersible pump from the well, thoroughly spray down the pump with the diluted Liquinox solution, followed by deionized water.
- Wipe away any visible contamination or debris with a paper towel.
- Purge clean water through the pump and tubing to ensure that contaminated water has been cleared from all lines.
- Capture cleaning water in a liquid waste drum for proper disposal in accordance with Farallon SOP WM-01, Field-Handling of Investigation-Derived Waste.

SEDIMENT AND SOIL SAMPLING AND PROCESSING EQUIPMENT DECONTAMINATION

Decontaminate sampling equipment used to collect and process sediment and soil samples, using the following procedures:

- Place contaminated equipment and decontamination tools on plastic sheeting.
- Thoroughly rinse all used equipment with distilled water in a 5-gallon bucket to remove excess sediment or soil.
- Pour one capful of Liquinox solution into a 5-gallon bucket filled with tap water or distilled water.
- Using a long-handled hard-bristle brush, thoroughly scrub the equipment with the Liquinox solution until no sediment or soil particles remain.

- Holding the equipment over a 5-gallon bucket, double-rinse the equipment with distilled water until no Liquinox solution remains. Do not allow clean equipment to come into contact with a contaminated surface.
- Drain the equipment and place it in a clean, dry place to prevent recontamination.
- If decontaminated equipment will not be re-used immediately, wrap stainless steel equipment (e.g., bowls, spoons) in aluminum foil with the dull side facing the equipment. Seal polycarbonate core liners with core caps or cellophane plastic. Rubber-band ends to ensure a proper seal.
- After decontamination has been completed, place disposable items into a garbage bag, and store decontamination water in a drum in accordance with Farallon SOP WM-01, Field-Handling of Investigation-Derived Waste.

STANDARD OPERATING PROCEDURE EQ-02
PHOTOIONIZATION DETECTOR CALIBRATION AND OPERATION

PURPOSE AND APPLICATION

The purpose of this standard operating procedure (SOP) is to provide field personnel with the information needed to properly use, operate, and handle MiniRAE Photoionization Detector (PID) Models 2000 and 3000. The PID is used as a field-screening instrument for measurement of total volatile organic (TVO) concentrations in air. Typical uses include air monitoring of the breathing zone for health and safety purposes, screening of groundwater and soil for TVO emissions, and monitoring of the headspace of a monitoring well. The PID is a highly sensitive instrument. MiniRAE Models 2000 and 3000 have a potential operating range of 0.1 to 15,000 parts per million (ppm) isobutylene equivalents, depending on the lamp used. The detection limit is 0.1 ppm hexane or isobutylene, with a response time of less than 3 seconds.

Operation and maintenance manuals specific to this equipment should be referenced as necessary. Two user manuals are kept in Farallon's PID case: the *MiniRAE 3000 Pocket Reference;* and the *MiniRAE 3000 User's Guide*. These manuals should always be stored in the PID case so they are available for reference.

The step-by-step guidelines provided in this SOP are to be followed by the field crew when monitoring concentrations of TVO compounds in the breathing zone, a soil sample, a water sample, or the headspace of a monitoring well.

EQUIPMENT

The following equipment is necessary to calibrate and operate the PID:

- The PID instrument;
- A calibration gas regulator and silicon tubing;
- Calibration gas containing approximately 100 ppm isobutylene; and
- A 110-volt battery charger.

PID CALIBRATION CHECK

PID calibration should be checked at the beginning of the day, and as needed if drift occurs (see "PID Drift or Other Change" section below). The instructions below are to be followed to check PID calibration (refer to pages 17 and 18 of the *MiniRAE 3000 User's Guide* for information regarding the connection between buttons and control functions):

- Turn on the PID by pressing [MODE]. Wait for the PID to proceed to the default display, and allow the instrument to warm up for 10 minutes in accordance with the manufacturer's instruction. The initial reading should be 0 or 0.1 part per million volume (ppmv).
- Connect the regulator to the gas cylinder, and connect the tubing to the regulator.

- Start the gas flow by pushing in the regulator knob and turning 90 degrees. Some gas will begin to escape.
- Connect the tubing from the regulator to the PID sensor tip. The PID reading should climb to 99 to 101 ppmv.
- When the PID reading reaches the maximum level displayed, turn off the regulator and disconnect the sensor tip. The reading should return to zero.
- If any of the readings predicted above do not occur, re-calibrate the PID or arrange for repair.

PID CALIBRATION

The instructions below are to be followed to perform a zero (fresh air) calibration and a span calibration on the PID (refer to pages 35 through 46 of the MiniRAE 3000 User's Guide for information regarding calibrations):

Zero Calibration (a zero calibration always should be performed prior to a span calibration):

- Turn the unit on by pressing [MODE] for approximately 1 second.
- Press and hold [MODE] and [N/-] simultaneously until you see the Password Screen.
- Input the password:
    - The default password is 0000.
    - Use the [Y/+] to increase the number value from 0 through 9.
    - Use the [N/-] to move the cursor to a different number slot.
    - Press [MODE] once you have input the password.
- Select "Calibration" by using [Y/+].
- Select "Zero Calib" by using [Y/+].
- Apply a fresh air source to the unit. Clean ambient air without detectable contaminants may be used as a fresh air source.
- Press [Y/+] to start the zero calibration. The zero calibration will take approximately 30 seconds to complete.
- The display screen will return to the Calibration menu when the zero calibration is complete.
- Record the values read by the PID in a calibration book or in the Log Field Book.

Once the zero calibration is complete, the unit automatically returns to the Calibration menu.

If the PID does not read 0.0 ppmv following the zero calibration, repeat the zero calibration procedure. If the PID fails both attempts to zero calibrate, move on to span calibration.

SPAN CALIBRATION

- Press [N/-] to scroll down to "Span Calib."
- Press [Y/+] to select "Span Calib."
- Select the proper calibration gas. Ensure that the calibration gas and the span value on the unit's display screen have the same TVO concentration.
- Connect the regulator to the gas cylinder, and connect the tubing to the regulator.
- Press [Y/+] to begin the span calibration.
- Immediately apply the correct calibration gas to the unit's probe by turning the regulator knob 90º in either direction. The span calibration will take approximately 30 seconds.
- The calibrated value should be +/- 2 percent of the concentration indicated on the calibration gas canister. Once the span calibration is complete, the unit will automatically return to the calibration menu.
- If the calibrated value is 2 percent greater than the concentration indicated on the calibration gas canister, repeat the span calibration procedure.
- Press [MODE] twice to navigate back to the main display.
- When calibrating the PID with isobutylene, record values read by the PID in a calibration book or in the Log Field Book.
- If the PID did not initially calibrate using the zero calibration mode, re-attempt to calibrate the PID using fresh air.

If the PID does not calibrate using the span calibration gas, call and update the Project Manager on the status.

PID DRIFT OR OTHER CHANGE

PID drift commonly is a failure of the instrument to return to zero after TVO concentrations dissipate. A failure to return to zero usually reflects inaccuracy at the upper end of the instrument's detection range. Several situations can cause drift, including soil or water in the tip of the probe, soil or water in the sensor filter, or a change such as tightening or loosening the probe tip assembly since the instrument was last calibrated. The degree of drift from the initial daily calibration can be checked by exposing the PID to the calibration gas (see the "PID Calibration" section above). Re-calibration serves little purpose until the cause of the drift is determined.

If you determine that PID drift is occurring, complete the following actions:

- Unscrew the probe from the PID unit;
- Inspect the probe and the top of the unit for soil or moisture;
- Carefully remove any soil or moisture from the probe and/or unit by air drying;

- Replace the sensor filter on the probe with a new, unused sensor filter;
- Screw the probe back on the unit; and
- Apply Span Calibration gas to test the accuracy of the PID unit.

PID OPERATION

The instructions below are to be followed for PID use to screen soil and groundwater for TVO concentrations, to monitor the breathing zone for health and safety purposes, and to monitor monitoring well headspace:

- Connect the PID sample probe with filter to the PID hand-held air monitor.
- Turn on the PID by pressing [MODE]. Wait for the PID to proceed to the default display, and allow the instrument to warm up for 10 minutes in accordance with the manufacturer's instructions.
- **CAUTION!** Do not seal the soil in a plastic bag for longer than 5 minutes when conducting soil screening to avoid false readings due to moisture build-up (in wet situations, use the filter on the end of the sensor tip). Pierce the plastic bag with a clean tool, and immediately insert the sensor tip, quickly establishing a tight seal. The meter should react rapidly. Record the maximum value displayed within 30 seconds.
- To monitor groundwater and soil for TVO emissions, place the probe inlet near the groundwater or soil surface, and read the meter display showing detected concentrations. Do not allow water or soil to be sucked into the instrument.
- To monitor the breathing zone for health and safety purposes, allow the PID to monitor air quality at the breathing zone, chest, or face level, and read the meter display showing detected concentrations.
- Monitor the headspace of a monitoring well directly after the well has been opened. Place the probe inlet directly above the polyvinyl chloride well casing or tubing that is associated with a dedicated pump in the well. Read the meter display showing detected concentrations.
- Ensure that the PID is kept dry while in use. Humidity or moisture from rain can cause large fluctuations in PID readings, and can damage the instrument.
- If the PID displays erratic readings, it is possible that either moisture or dirt is in the probe, or dirt has collected in the filter. If this occurs, clean and dry the sample probe (possibly by placing it near a running heater in a vehicle), and replace the filter if necessary.

DOCUMENTATION

Document the PID measurements for all monitoring events on field forms and in a detailed field notebook, and record observations of varying weather conditions such as temperature and humidity fluctuations.

REFERENCES

PE Photovac Air Monitor/Portable Photoionization Detector Model 2000/3000 Manuals.

RAE Systems. 2010. *MiniRAE 3000 Pocket Reference.* PN: 059-4030-000-D. August.

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STANDARD OPERATING PROCEDURE GN-01
FIELD NOTE PROCEDURES

PURPOSE AND APPLICATION

The purpose of this standard operating procedure (SOP) is to provide field personnel with the information needed to document site and sampling activities during field work. The step-by-step guidelines provided in this SOP are to be followed by the field personnel during field work.

GENERAL FIELD NOTE INSTRUCTIONS

- Use a blue or black pen.
- Always document time in military time.
- Record your full name and the names of other Farallon employees present. Initials of personnel can be used after the full names have been provided in the field notes.
- Don't leave line spaces between field note entries.
- Keep handwriting neat.
- Be concise.

ITEMS TO INCLUDE IN FIELD NOTES

At Start of Workday:

- Document when and where you started the field day and when you arrived at the site.
- Note any stops along the way to the site.

Upon Arrival at Site:

- Note the reason for the site visit/site work.
- Document the weather on page 1, and throughout the day if the weather changes.
- Document the time personnel arrive at the site and the name of the company/agency they are affiliated with.
- Document the time subcontractors arrive, the tasks they are conducting, and the time they leave the Site.
- Conduct the Health and Safety (H&S) meeting, ensure all participants sign the H&S form, and include the signed H&S form in the field notes.
- Calibrate equipment: document equipment model number/serial number, calibration method, and results. Be specific (e.g., "Calibrated Horiba for pH using 4.0 standard." "Calibrated PID using 100 ppm isobutylene span gas and ambient air as zero gas."). Note whether the instrument is Farallon's or a rental. If using a rental, include in the field notes the calibration sheet that should have come with the equipment. If using two sets of

equipment, note on the field forms which equipment was used for each location. For example, label "Horiba 1" and "Horiba 2" on the groundwater sampling sheets, and document the serial numbers of the instruments in the field notes. Make sure to document the calibration results for Farallon equipment in the Rite-in-the-Rain notebook kept in each field equipment case.

- Document when work starts at a specific task location (e.g., well or boring), and document what equipment Farallon or the subcontractors are using at that location.
- Measure out and record the sample locations (using a rolling wheel, or GPS if available), and mark utilities on a field map if applicable.
- If media samples will be collected, complete the appropriate documentation form, or record the information in the field notes. For example, record field sampling methods (e.g., grab, composite), the type of media (e.g., soil, groundwater, stormwater), the time the sample was collected, sample location and ID, analytical method(s), the laboratory conducting the analysis, the size of the sample container, the number of containers used, and the preservative included in the sample container. If a composite sample is collected, record how many composite points make up the sample, and document where the composite samples were collected.
- If multiple samples are collected using the same methods and the same type of sample containers, simply document that a sample was collected the same as previous samples.
- Document when work is complete at each location.
- If conducting groundwater monitoring, note the condition of monitoring well monuments (e.g., bolts missing, gasket needed).
- Throughout the workday, note any relevant information (e.g., QC-sampling discrepancies, unexpected conditions, abnormal sampling events).

At End of Workday:

- Decontaminate equipment and note the decontamination method (e.g., Alconox and towels).
- Review the field notes, and complete sketches of any relevant features and sample locations if necessary.
- Record whether wastes were generated. If so, record how much was generated, whether the waste was sampled, and where the waste is stored.
- Place an "Analysis Pending" label on drums of waste, and fill out the label completely.
- Complete a drum inventory sheet and note the drum/container sizes and how much waste was accumulated.
- Document when you left the site;

- Document when you returned to the office or when the field day ended.
- Note any additional work performed after returning to the office (e.g., finished field notes, downloaded field photos).

Make sure to include any of the following forms relevant for the type of field work conducted:

- Daily Field Notes
- Health and Safety Meeting form
- Water Level Summary form
- Low Flow Well Purging and Sampling Data form
- Boring and/or test pit logs
- Monitoring Well Construction Data form
- Soil Sample Data form
- SVE Monitoring form
- Any site-specific operation and maintenance or pilot test forms
- Elevation Survey Data form
- Utility Clearance Log
- Waste Inventory Tracking Sheet
- Copy of the laboratory Chain of Custody form for any samples collected
- Copies of subcontractor daily log sheets (e.g., utility locate, drilling)
- Copies of rental equipment calibration sheets
- Near Miss form (if applicable)
- Incident Report form (if applicable)

Assemble all field forms used each day, scan, save to the electronic project Field Notes folder, and give the hard copy of the forms to the Project Manager.

Refer to the Farallon Field Documentation Checklist and the *Doc Reqs by Field Task list.*

STANDARD OPERATING PROCEDURE (SOP) GENERAL-02
UTILITY LOCATE

PURPOSE AND APPLICATION

The purpose of this SOP is to provide Farallon Consulting, L.L.C. (Farallon) personnel with the specific information needed to identify and locate utilities on sites where drilling or excavation activities will occur. Excavation is defined by Section 20 of Chapter 19.122 of the Revised Code of Washington (RCW 19.122.020) as "any operation, including the installation of signs, in which earth, rock, or other material on or below the ground is moved or otherwise displaced by any means." For the purposes of this SOP, the excavation area refers to the area of an excavation or a perimeter around all proposed borings, test pits, soil gas sampling locations, and subslab soil gas sampling locations. Identifying utilities within the boundaries of a proposed excavation area prior to any digging is required by law and is necessary for the safety of Farallon personnel and contractors.

The guidelines provided in this SOP are to be followed by Farallon personnel who coordinate utility locating, mark locate boundaries, and/or observe field work that involves any type of excavation.

EQUIPMENT AND SUPPLIES

The following equipment and supplies are necessary to arrange and conduct utility locating:

- A map of the site with the proposed excavation area(s);
- Readable side sewer card figures, if applicable;
- Geographic information system (GIS) utility figures, if applicable;
- Readable American Land Title Association (ALTA) survey figures, if applicable;
- Any previous utility figures associated with the site;
- White marking products (e.g., paint, flags, stakes, grease marking pen, tape, chalk);
- Materials necessary to provide required documentation (e.g., Field Report form, camera, measuring wheel, global positioning system); and
- Personal protective equipment (PPE) as described in the site-specific Health and Safety Plan, or Level D PPE at a minimum.

PROCEDURES

The following utility locating procedures have been developed for use before excavation occurs on a site. The procedures are divided into the following four parts:

- Call Before You Dig System;

- Private Utility Locating Services;
- Hand-Clearing Proposed Excavation Areas; and
- Maintaining Public Utility Locate Marks.

The Project Manager should discuss the scope of work, details of the project location, and any essential information with the project field team before any of the procedures described below commence. When practicable, an on-site kickoff meeting involving a member of the field team and the Project Manager should be conducted to discuss the work to be performed, mark the boundaries of the excavation area, and mark potential boring locations, if applicable.

Call Before You Dig System

According to RCW 19.122.030, excavators are required to mark the boundary of a proposed excavation area using white marking products. Marking products include paint, flags, and stakes. Boundary marks should conform to the following guidelines:

- A continuous line, hashed line, dots, or corner marks with arrows are acceptable ways to mark the boundary.
- Flags and stakes can be used if paint is not adequate.

The location(s) of the proposed excavation area(s) must be reviewed to verify that no visible utilities that would interfere with the proposed excavation area(s) are present. If utilities are present, the Project Manager and field personnel should communicate the changes to the excavation that are area necessary before the boundaries are marked with white paint.

After marking the boundaries of the proposed excavation area, Farallon personnel must provide notice of the scheduled excavation to the owner/operators of buried utilities at least 2 but no more than 10 business days in advance by calling 811 or 1-800-424-5555, or using the online tool at www.callbeforeyoudig.org. Use of the online tool is preferred.

A map with the excavation area boundaries depicted and/or photos of the white paint marks is helpful in conveying the scope of work to the Call Before You Dig service.

The following information should be available to provide the Call Before You Dig service at the time of initial contact:

- Scope of work, including the start date and time.
- Contact information for the Project Manager and a field person able to answer questions from public utility locators regarding project details.
- Site address, township/range/section quarter, and name of property owner.

Once the Call Before You Dig system has been notified of the upcoming work, the system provides a ticket number, which

- Should be referenced whenever the Call Before You Dig service is contacted about the job.
- Provides proof that the Call Before You Dig system was notified prior to excavation. Public utility locators, inspectors, and law enforcement personnel may ask for the ticket number.
- Should be supplied to any subcontractors doing work on the site for reference when contacting the system for their own ticket number.

Call Before You Dig personnel will provide a list of public utilities present on the site, and will notify public utility operators of the planned work.

Public utility operators have 2 full business days after the day notification was received to locate and mark their lines, or to provide reasonable information on lines that they are not able to locate. The day notice is given is not included as 1 of these 2 days. Therefore, if excavation work is planned to start on a Monday, for example, the Call Before You Dig system must be notified by Wednesday the week before.

Two full business days must elapse between Call Before You Dig notification and the start of excavation. No excavation is to take place until all known utilities are marked or otherwise accounted for with information provided by the facility operator.

Locators mark their lines with colored hash marks. The American Public Works Association determines the colors to be used to denote different kinds of lines:

Red: Power Lines and Cable	Yellow: Gas, Oil, Petroleum
Orange: Telephone and Cable	Blue: Drinking Water
Green: Sewer (Storm and Sanitary)	Purple: Non-Potable Water
Pink: Survey Marks	White: Excavator Marks

Public utility operators are required to mark their lines only to the meter. Utility lines located beyond the meter are the responsibility of the property owner. Public utility operators should indicate by marking if no public utilities are present.

Public utility locators are required to mark their lines with reasonable accuracy. According to RCW 19.122.020, “reasonable accuracy means location within twenty-four inches of the outside dimensions of both sides of an underground facility.”

At this time, public utility companies are not required to mark abandoned or deactivated lines in Washington.

An individual not following the protocols established by the Call Before You Dig system can be held liable for up to three times the cost to repair a utility line damaged during excavation.

Records of ticket numbers and communications with the Call Before You Dig service should be stored in the project folder and supplied to on-site project personnel.

Before any excavation work is started, Farallon personnel should verify that all public utility marks are present on the site. The public utility company (companies) listed on the Call Before You Dig system ticket should be contacted if marks for that utility (utilities) are not present.

Private Utility Locating Services

After the public utility companies have marked their lines and before excavation begins, it is standard practice to have a private utility locating service clear areas that will be excavated.

Private locates generally are scheduled for the day before or the morning of the start of excavation.

Areas where excavation will occur must be cleared for conductible utilities by a private locator. Depending on the nature of the site and the proximity of utility lines, the private locator may also mark non-conductible utilities.

If possible, the excavation contractor should be on the site during the private utility locating to verify with the private locator that all proposed excavation areas are accessible.

When working with private utility locators, Farallon personnel should:

- Study existing figures of the site, noting the locations of known utilities.
- Use available side sewer cards or geographic information system utility figures to verify utility locations at the site.
- Verify that all public utilities have been marked by physically verifying that colored paint marks are present for all of the public utility companies listed on the One Call Before You Dig ticket. If any public utilities have not been marked, the utility company must be contacted and requested to mark the area, or to provide confirmation that the area is clear of their utility.
- Discuss the scope of work/excavation areas with the private locator.
- Document the name of the locating company and the name of the locator.
- Observe the locator clear the excavation area(s).
- Document the locate marks with photos, and note any uncertainties in the Field Report form.
- Identify the locations of shut-off valves for utilities such as water and natural gas.

- Contact the Project Manager or Principal to discuss relocating the excavation area if a proposed excavation area is in conflict with a utility identified by the private locator.
- Sign the locator's paperwork, if necessary, and depart the site if no additional field work is to be performed that day.

Private location of conductible utilities should sweep the excavation area in two perpendicular directions.

Private location of non-conductible utilities (typically storm and sanitary sewer) can use either a probe or a camera for accessible lines. Appropriately colored paint marks are applied by the private locator based on a signal sent from the probe or camera. For inaccessible lines, a ground-penetrating radar or magnetometer can be used to approximate the line locations. Marks based on this method should be considered approximate.

Hand-Clearing Excavation Areas

Prior to conducting certain excavation activities, excavators will clear the proposed excavation area to verify that no utilities are present. This can be accomplished through use of an air knife/vacuum truck, post-hole digging, hand-augering, or use of other hand tools that allow the excavation location to be explored sufficiently to verify that no utilities are present. Farallon Project Managers will confirm the method of clearing and depths with the field team before the excavation work is performed. Farallon Project Managers also need to discuss shallow soil sampling needs with the field team if clearing activities are being performed. Clearing activities should be conducted according to the following guidelines:

- Hollow-Stem Auger Drilling: Hand-clear to a minimum depth of 5 feet below ground surface (bgs) using an air knife/vacuum truck whenever possible. Alternative methods such as post-hole digging or hand-augering also may be used.
- Sonic Drilling: Hand-clear to a minimum depth of 5 feet bgs using an air knife/vacuum truck whenever possible. Alternative methods such as post-hole digging or hand-augering also may be used.
- Geoprobe Drilling: Clearing activity requirements are dependent on known utilities and results of the public and private utility location procedures completed above. Hand-clear using a post-hole digger or hand-auger to a maximum depth of 5 feet bgs is necessary. An air knife/vacuum truck may be used to hand clear each boring location to a maximum depth of 5 feet bgs, if available.
- Test Pit Excavation: No hand-clearing is necessary. Excavation contractors should be directed to dig cautiously in the upper 5 feet bgs in the event an unknown utility is present. A test pit excavation or regular excavation using machinery (e.g., track hoe, backhoe) should include using a spotter to watch for unidentified utility lines. Ideally, the spotter should be provided by the excavation contractor.
- Rotary Hammer for Soil Gas Sampling: No hand-clearing is necessary.

- Rotary Hammer for Subslab Soil Gas Sampling: No-hand clearing is necessary.

Some drilling contractors require that a utility line be exposed prior to drilling if the proposed drilling location is within a certain distance of the utility line. Farallon personnel should confirm drilling contractor requirements prior to conducting drilling activities.

If a utility line is encountered during clearing, excavators should verify that the utility has not been damaged, and Farallon personnel should document the encounter on the Field Report form with photos and details. RCW 19.122.020 states that "damage" includes the substantial weakening of structural or lateral support of an underground facility, penetration, impairment, or destruction of any underground protective coating, housing, or other protective device, or the severance, partial or complete, of any underground facility to the extent that the owner of the affected facility determines that repairs are required. The Project Manager or Principal should be notified immediately if a utility line is encountered during hand-clearing, and an alternate location will be proposed. A hand-cleared area having an exposed utility line should be backfilled with a bentonite seal and finished to match existing grade.

Maintaining Public Utility Locate Marks

According to RCW 19.122.030, "public utility locate marks expire 45 days from the date the excavator provides notice," and "it is the responsibility of the excavator to maintain the public utility marks for 45 days, or for the length of the project–whichever is shortest. In any case, the public utility locate marks expire after 45 days."

Locate marks can be maintained digitally through both photos and figures drawn to scale.

Locate marks can be maintained in the field using white paint. White paint can be applied between original hash marks, on either side of the hash marks, or on both ends. Offset paint or staking can be used if placed a uniform distance from the original marks with a clear indication of the direction and distance from the original marks. The original marks should not be painted over, and white paint should never be applied over colored paint. White marks should include a letter identifying the type of buried line.

UTILITY LINE DAMAGE

A utility line does not need to be ruptured or severed to be considered damaged. Scratching or denting a utility line or its protective tape also is considered damage, as the integrity of the line may have damaged even if the damage does not appear to be significant. Before excavation work begins, shut-off valve locations for applicable utilities should be documented. If a utility is believed to be damaged, the utility should be shut down if practicable and safe to do so. According to RCW 19.122.053, "all facility operators and excavators who observe or cause damage to an underground facility must report the damage event to the Washington State Utilities and Transportation Commission."

If a utility line is hit and public safety is a concern, 911 should be the first call made after the immediate area has been evacuated. If a utility line is hit and the public is not at risk, the field team should notify the Project Manager, who will notify the Principal and the corporate Health and Safety Coordinator immediately. The Project Manager should then contact the utility that owns the damaged line, and report to the field team any instructions issued by the utility owner, and an expected timeframe for arrival of a utility owner representative at the site. Repairs to a utility line will not be attempted by Farallon personnel or contractors.

Damage must be reported through the Common Ground Alliance Damage Information Reporting Tool website, hosted by the Washington State Utilities and Transportation Commission: http://www.utc.wa.gov/publicSafety/pipelineSafety/Pages/Damagereportingrequirements.aspx

Access to damaged utility lines should be maintained to allow inspection by the utility company. An exposed utility should not be backfilled or patched until instruction to do so has been provided by the Project Manager or Principal.

DOCUMENTATION

Farallon personnel should document in the Field Report form the work performed and methods used by private utility locators, and photos from multiple angles with good reference points for each utility line in the excavation area(s).

REFERENCES

Washington Utilities Coordinating Council. 2014. *Guide to Safe Digging, Washington State Law and Industry Best Practices.*

STANDARD OPERATING PROCEDURE GN-03
SAMPLE SHIPPING

PURPOSE AND APPLICATION

The purpose of this standard operating procedure (SOP) is to provide field personnel with the methodology to ensure consistent and good quality sample shipment. This SOP is a supplement to site-specific work plans.

RESPONSIBILITIES AND QUALIFICATIONS

All personnel performing these actions are required to be familiar with the procedures described herein. Personnel performing or overseeing procedures described herein also must be familiar with health and safety requirements in the project-specific Health and Safety Plan (HASP).

EQUIPMENT AND SUPPLIES

Supplies needed to ship samples:

- Coolers – appropriate number and size;
- Custody seals;
- Bubble wrap;
- 1-gallon Ziploc bags for ice and samples;
- Ice;
- Samples and COC;
- Shipping labels; and
- Heavy-duty shipping tape.

PROCEDURES

It is critical to prepare samples for shipment at the end of the day to minimize the amount of time the samples will have to spend on ice in transport. Evaluate number of samples and coolers needed to ship the samples collected. If samples are in glass containers, consider shipping additional coolers to allow more room for bubble wrapping and padding sample containers.

Remember to provide enough ice to meet preservation requirements; the general ice to cooler rule is 20 pounds of ice per cooler. Line the cooler with a clean trash bag prior to packing, double-bag all ice using 1-gallon Ziploc bags, and close the trash bag last by “goose necking” and sealing with duct tape to prevent leakage.

The following procedures (representing the minimum shipping and handling requirements) will be used for sample packaging:

- A sample label will be affixed to the corresponding sample container at the time of sample collection.
- Bubble-wrap bags or an equivalent will be used to protect sample containers.
- Sample containers will be placed into a cooler and checked against the Chain of Custody form to ensure that all samples are listed and are placed into the correct cooler.
- One copy of the Chain of Custody form will be detached and retained by the Farallon field personnel.
- Remaining paperwork will be sealed in a resealable plastic bag and taped to the inside of the cooler lid.
- One to three resealable bags will be filled with ice and/or a chemical equivalent and included in the cooler. Ice will be double-bagged in heavy-duty bags.
- The cooler will be sealed with a chain-of-custody seal and taped shut using strapping tape.
- The laboratory address will be affixed to the cooler.
- Extraneous stickers will be removed from the cooler.
- The cooler will be examined to ensure that Farallon's return address is affixed.

Upon transfer of the samples to laboratory personnel or arrival of the samples at the laboratory facility, the laboratory will assume responsibility for custody of the samples.

Laboratory personnel will document the status of shipping and handling containers and will adhere to standard chain-of-custody procedures to track each sample through all of the stages of laboratory processing.

DOCUMENTATION

Retain a copy of the chain-of-custody to be scanned into the project files. List the project number and task number on the shipping label. Scan a copy of the receipt and send to the administrative staff.

STANDARD OPERATING PROCEDURE SL-01
SOIL CORE SAMPLING

PURPOSE AND APPLICATION

The purpose of this standard operating procedure (SOP) is to provide field personnel with the methodology for collecting and documenting soil core samples collected during environmental drilling. All drilling operations will be conducted by a licensed drilling subcontractor. This SOP presents the procedures that will be performed by Farallon field staff once the soil core or sampler has been collected by the drilling subcontractor. The step-by-step guidelines provided in this SOP are to be followed by the field crew conducting subsurface soil sampling.

EQUIPMENT AND SUPPLIES/REAGENTS

The following equipment is necessary to properly collect soil samples from borings:

- Personal protective equipment (PPE) as described in the site-specific Health and Safety Plan.
- Differential global positioning system, if required in project-specific plans. Discuss the methodology for recording the location of the sample point with the Project Manager before conducting the field work.
- Photoionization detector (PID) to monitor and record soil headspace readings.
- Appropriate soil sampling equipment, including:
    - Stainless steel hand-auger.
    - Wooden or steel stakes to stabilize cores on table while sampling.
    - Folding table.
    - Utility knife.
    - Stainless steel spoons or scoops.
    - Six-mil plastic sheeting.
    - Resealable plastic bags.
    - Duct tape.
    - Tape measure.
    - Laboratory-provided certified pre-cleaned sample containers.
    - Soil sample plunger and syringes for sampling volatile organic compounds (VOCs) using U.S. Environmental Protection Agency (EPA) Method 5035A.
- Materials necessary to provide required documentation including sample labels, field report forms, boring logs, and laboratory chain-of-custody forms.

- U.S. Department of Transportation-approved drum(s) for decontamination wastewater and excess soil cuttings. Wastewater and soil cuttings should be handled in accordance with Farallon SOP WM-01.
- Decontamination equipment as specified in Farallon SOP EQ-01, Equipment Decontamination Procedures.
- Sampling support equipment (e.g., sample coolers, ice, bubble wrap, clear packing tape, heavy resealable plastic bags, garbage bags, paper towels, distilled water, nitrile gloves).

DECONTAMINATION

Reusable equipment that will come into contact with soil boring samples or will be used to acquire soil samples is to be decontaminated before arrival at the site, between soil samples collected, upon relocation at the site, and upon demobilization from the site, in accordance with Farallon SOP EQ-01, Equipment Decontamination Procedures.

PROCEDURES

Prior to drilling, all underground utilities must be located, and cleared with an air-knife or other method approved by the Farallon Health and Safety Coordinator.

Collect soil samples from areas known or suspected to have the lowest concentrations of constituents of concern first, with areas of higher concentrations of constituents of concern sampled last, unless the Project Manager indicates a different project-specific sampling protocol. **At a minimum, soil samples should be collected and retained in laboratory-supplied glassware every 5 vertical feet. Additional samples should be collected at observed major changes in lithology, such as sand-silt contacts, or where odor, staining, or high PID readings are observed.**

The procedures listed below may be modified as appropriate with approval from the field team lead and/or the Project Manager. Any modifications must be identified in the project-specific sampling plans or, at a minimum, details must be noted on the Field Report form.

Soil core collection methods differ for hollow-stem-auger, direct-push, and sonic drilling techniques, each summarized below:

- Hollow-stem-auger: Collect soil core samples using a standard 18-inch-length (6-inch waste barrel) Dames & Moore split-spoon sampler with a 2.5-inch inner diameter that can be used with or without brass or stainless steel liners.
- Direct-push: Collect soil core samples using 5-foot macrocore samplers with acetate sample liners.
- Sonic: Collect soil core samples using a standard 6-inch-diameter stainless steel sampling rod. Use a 2.5-, 5.0-, or 10-foot polyethylene liner inside the sampling rod for soil sample collection.

Record the specific drilling and soil sampling equipment used on the Boring Log form and on the Field Report form.

Setup

The instructions below are to be followed at each boring site:

- Don appropriate PPE as described in the site-specific Health and Safety Plan.
- Ensure that each borehole has been cleared to a minimum depth of 5 feet below ground surface using an air knife, per the Farallon health and safety policy.
- Set up a temporary sampling table adjacent to the drill rig to log and collect soil samples from the soil cores as they are recovered during drilling. Lay plastic sheeting over the table to keep the surface clean and to prevent potential cross-contamination between borings and soil samples. Designate clean areas for decontaminated sampling equipment and laboratory-provided certified pre-cleaned soil sample containers.
- Set up a separate decontamination area if appropriate (Refer to Farallon SOP EQ-01, Equipment Decontamination Procedures.)
- Calibrate the PID to monitor headspace for selected soil core samples in accordance with the equipment manual.

Sample Collection and Processing

The instructions listed below are to be followed for collecting samples using lined and unlined split-spoon and tube samplers:

- Don a new pair of nitrile sampling gloves for each individual soil sample collected, and prior to decontaminating sampling equipment to avoid potential cross-contamination.
- Ensure that the drillers have properly decontaminated all drill shoes and caps prior to initiating drilling operations. At a minimum drill shoes and caps must be decontaminated between sampling locations in accordance with Farallon SOP EQ-01. If highly contaminated media is encountered, decontamination between sampling intervals may be required. Replace dirty or ineffective decontamination water as needed throughout the workday.
- Report subsurface and drilling conditions on Boring Logs. Include the number of blow counts (if applicable) or any resistance encountered during drilling operations.
- Place the core tube, core liner, or split spoon on a new piece of aluminum foil on the sample logging/processing table. If necessary, use wood or metal stakes as shims to stabilize the tube, liner, or split spoon on the sample logging/processing table.
- If a core liner is used, split the liner open with a decontaminated utility knife, taking care not to penetrate the soil in the liner with the blade or knife.

- Briefly examine the soil sample visually for obvious signs of contamination, and take PID readings.
- Take care to:
    - **Always** collect soil from the center of the sampler or liner; not from sidewalls.
    - **Always** use decontaminated stainless-steel spoons or scoops to handle the soil within a given sample interval.
    - **Always** don a new pair of nitrile gloves before processing each sample interval in each soil core to prevent cross-contamination in the soil core.
- When sampling for VOCs, collect them immediately after opening the core tube, split spoon, or core liner. Use a decontaminated stainless steel spoon to collect the VOC samples directly into the laboratory-provided VOC sample container with no headspace, and seal it tightly. Follow the sample collection guidelines provided by the manufacturer or the analytical laboratory when using a plunger-type sampling device in accordance with EPA Method 5035A.
- Perform a headspace test using a PID:
    - Retain approximately 100 grams of the soil sample in a heavy resealable plastic bag or glass sample container, shake the sealed bag to volatilize the contaminants in the soil;
    - Wait approximately 5 minutes before measuring for headspace analysis using the PID (Washington State Department of Ecology 2011);
    - Insert the PID probe tip into a small opening in the top of the bag and record the PID units on the Boring Log form. **Do not puncture the resealable plastic bag to obtain headspace readings.**
    - Reseal the bag after taking the headspace reading in case further assessment of the sample is needed.
- If specified in the project-specific plans, photograph each section of the boring, including in the photograph notations on a white board documenting sample location identifier, date, orientation, depth, and site markers.
- Describe the soil samples in accordance with ASTM International Standard D-2488-00, *Standard Practice for Description and Identification of Soils*.
- Record on the Field Report form any deviations from the project-specified sampling procedures or from this SOP, or any obstacle encountered.
- Record the observed lithology on the Boring Log form using the Unified Soil Classification System and reported depths below ground surface using a tape measure.

- Discard excess soil cuttings in a labeled waste drum or a soil bin in accordance with Farallon SOP WM-01, Field Handling of Investigation-Derived Waste. Do not add soil to a liquid waste drum.
- Backfill the borehole, as appropriate.
- Record the boring location using a differential global positioning system or offset measurements from a permanent hard point on the Site.
- Decontaminate the soil sampling equipment, and don a new pair of sampling gloves before collecting each new soil sample.

DOCUMENTATION

Document the soil sampling activities on the Boring Log form, the Chain of Custody form, and the Field Report form.

REFERENCE

American Society for Testing Materials. 1989. *Standard Method for Penetration Test and Split-Barrel Sampling of Soils.* Method D-1586-11.

U.S. Environmental Protection Agency. 1987. *A Compendium of Superfund Field Operation Methods.* EPA Document No. 540-P-87-001. December 1.

Washington State Department of Ecology. 2011. *Guidance for Remediation of Petroleum Contaminated Sites.* Ecology Publication No. 10-09-057. Toxics Cleanup Program. September.

STANDARD OPERATING PROCEDURE WM-01
FIELD HANDLING OF INVESTIGATION-DERIVED WASTE

PURPOSE AND APPLICATION

The purpose of this standard operating procedure (SOP) is to provide field personnel with the methodology for containerizing, labeling, and tracking investigation-derived waste (IDW), and for exchanging information with the Project Manager. IDW may include soil cuttings, purge water, development water, and/or decontamination water.

This SOP has been developed in compliance with Washington State Dangerous Waste Regulations (Chapter 173-303 of the Washington Administrative Code), Oregon Hazardous Waste Management Rules (Division 100 of Chapter 340 of the Oregon Administrative Record), Environmental Health Standards for the Management of Hazardous Waste (Division 4.5 of Title 22 of the California Code of Regulations), and the U.S. Environmental Protection Agency Resource Conservation and Recovery Act (Parts 239 through 282 of Title 40 of the Code of Federal Regulations).

EQUIPMENT AND SUPPLIES/REAGENTS

The following equipment is necessary to properly containerize, label, and track IDW:

- U.S. Department of Transportation-approved drum(s) constructed of a material that does not react with the contaminants of concern for the project. Farallon typically uses lined open-top steel drums. Use a polyethylene drum for a material suspected to be corrosive.
- Labels appropriate to the characteristics of the IDW as indicated by the Project Manager:
    - Non-Hazardous Waste Labels: For IDW known to be nonhazardous based on previous data and waste profiles.
    - Hazardous Waste or Washington State Dangerous Waste Labels: For IDW known to be hazardous/dangerous based on previous data and waste profiles.
    - On Hold Pending Analysis Labels: For waste not previously characterized, pending receipt of analytical results. On Hold Pending Analysis labels are temporary, and should be replaced with the applicable waste label once the waste has been characterized.
    - Major risk labels associated with the waste characteristics.
- Waste Inventory Tracking Sheet.
- Grease marking pencil or paint pen.
- Indelible ink pen.
- Crescent wrench, speed wrench, socket wrench, or other hand tool to seal the drum(s).

- Sampling supplies, if needed, including:
  - Stainless steel or plastic bowls and spoons for homogenizing soil and/or solids samples, depending on the analysis to be performed;
  - Glass or stainless steel container for homogenizing liquid samples, depending on the analysis to be performed; and
  - Stainless steel hand-auger or a glass tube, depending on the medium being sampled (i.e., soil/solids or liquid).

PROCEDURES

Follow the instructions below to inspect, label, and inventory IDW drums, and to containerize IDW:

- Inspect new drums brought to the site to ensure that they do not have dents or corrosion, and are in good condition. Lined or coated drums are preferred.
- Inspect drums remaining at the site from previous project work. Notify the Project Manager if a drum is leaking, damaged, or improperly labeled.
- Place soil and solids into separate drums from those containing liquids such as purge water, development water, and decontamination water. Do not add liquid IDW to drums containing soil or solids. Do not fill drums containing liquid IDW above 85 percent capacity, particularly in areas known to reach freezing temperatures.
- Discuss with the Project Manager whether chlorinated solvents or other contaminants of concern detected in areas of the site would cause IDW from that area to be characterized as hazardous/dangerous waste. Hazardous/dangerous waste should be drummed separate from nonhazardous/dangerous waste, where possible, to minimize the amount of hazardous/dangerous waste generated.
- Use a grease pencil or paint pen to clearly mark the lid and the label of each drum with a unique identifier such as a number or a letter. Verify that no two drums have the same identifier marked on the lid or label, including drums remaining from previous project work.
- Inventory each Farallon-generated drum and its contents on a Waste Inventory Tracking Sheet.
- Track any waste added to an existing drum on a Waste Inventory Tracking Sheet.
- Label each drum with a completed Non-Hazardous Waste, Hazardous Waste/Washington State Dangerous Waste, On Hold Pending Analysis, or other appropriate waste label. List the client's name as the Shipper or Generator, and the accumulation start date as the date when waste was first placed into the drum. If waste was added to an existing drum, add that date to the accumulation dates on the drum label. If the waste in the drum has been designated as hazardous/dangerous, add a major risk label(s) pertaining to the waste characteristics associated with that designation (e.g. flammable, reactive, corrosive,

toxic). Consult the Project Manager with questions about appropriate major risk labels. All labels should be placed with the top of the label toward the top of the drum. Do not place a drum label sideways or upside down.

Use care when drumming, labeling, and tracking IDW. Mistakes in the disposal of waste can result in serious legal and financial repercussions for Farallon and the client.

DRUM SAMPLING

Sampling and analysis of wastes for hazardous/dangerous waste characterization purposes is to be conducted in accordance with U.S. Environmental Protection Agency Publication No. SW-846, *Test Methods for Evaluating Solid Waste, Physical/Chemical Methods*. Samples collected in California for hazardous waste characterization are to adhere to the requirements specified in California Code of Regulations Sections 66261.21 to 66261.24 of Title 22, Characteristics of Hazardous Waste. Discuss with the Project Manager the specific analyses to be performed prior to sample collection. The instructions below are to be followed for drum sampling, using composite sampling techniques to sample soil, solids, and liquid wastes:

- Collect soil/solids samples from various locations and depths in the drum using a hand-auger or other decontaminated apparatus. Place all samples into a single decontaminated stainless steel bowl using decontaminated stainless steel tools, or into a plastic bowl using plastic spoons, depending on the analyses to be performed. Homogenize the samples in the bowl.
- Place samples of the homogenized soil/solids from the bowl into sample jars for analysis.
- Collect liquid samples from the drum using a glass sampling tube. Insert the tube to the base of the drum to fill the entire tube with liquid. Place the liquid into sample jars for analysis.

DRUM STORAGE

Follow the instructions below for drum storage:

- Label and store the drums in an area approved by the client.
- Store hazardous/dangerous waste drums in a secured area.

DOCUMENTATION

Document IDW drums on the Waste Inventory Tracking Sheet as described above. Provide the original Waste Inventory Tracking Sheet and the original field notes to the Project Manager.

REFERENCE

U.S. Environmental Protection Agency. *Test Methods for Evaluating Solid Waste, Physical/Chemical Methods*. Publication No. SW-846. Third Edition, Final Updates I (1993), II (1995), IIA (1994), IIB (1995), III (1997), IIIA (1999), IIIB (2005), IV (2008), and V (2015).

APPENDIX B
DRILLING PERMIT

ADDITIONAL ENVIRONMENTAL INVESTIGATION REPORT
1 Quarry Road
Brisbane, California

Farallon PN: 1363-006

ORDINANCE: 04023

SAN MATEO COUNTY HEALTH
ENVIRONMENTAL HEALTH SERVICES

PERMIT 23-0720

P/E: 2011 ENVIRONMENTAL SOIL BORINGS

FACILITY:
1 QUARRY ROAD (F-2), BRISBANE

OWNER:
ORCHARD PARTNERS
3697 MT. DIABLO BLVD
LAFAYETTE

WP0013754 FA0072445
005270070
AMOUNT PAID: 0.00

CONTRACTOR:
CASCADE DRILLING

TERMS & CONDITIONS:

CONSTRUCT SOIL BORINGS (1)
CONSULTANT: FARALLON CONSULTING
PROJECT MGR: PETER SIMS

KIAN ATKINSON

ENVIRONMENTAL HEALTH SPECIALIST

DATE ISSUED: 4/28/2023

EXPIRATION DATE: 8/28/2023

THIS PERMIT IS NONTRANSFERABLE AND MUST BE POSTED ON-SITE IN A CONSPICUOUS PLACE.

DocuSign Envelope ID: B8FBC424-BDF9-4D02-B2F2-ACBE4120A16A

SAN MATEO COUNTY HEALTH
ENVIRONMENTAL HEALTH SERVICES

Environmental Health Services
Groundwater Protection Program
2000 Alameda de las Pulgas, Suite #100
San Mateo, CA 94403
Phone: (650) 372-6200 | Fax: (650) 627-8244
smchealth.org/gpp

SUBSURFACE DRILLING PERMIT APPLICATION

Allow three (3) full working days for processing a complete permit application which includes payment (one permit per parcel). Drilling **start date & time** must be scheduled with County staff at (650) 464-0047 or drilling@smcgov.org **at least 2 full working days (i.e. 48 hours) in advance.**
Visit smchealth.org/ehfees for Groundwater Protection Program fees.

PURPOSE OF APPLICATION ☐ Groundwater Monitoring/Vapor Well Installation ☒ Construct Soil Borings (variance request if to be left open >24 hrs)
☐ Groundwater Monitoring/Vapor Well Destruction Extension of Permit # _____
No. of Wells _____ No. of Borings 1 Well/Boring Names F-2

PURPOSE OF DRILLING ☒ Environmental ☐ Geotechnical
LEAD AGENCY ☐ County GPP (permit approval is not to be considered work plan approval) ☐ RWQCB/DTSC/USEPA (Provide approval letter) ☒ None (i.e. voluntary)

SITE / DRILLING INFORMATION

Agency Case # _____ Assessor's Parcel # (required) 005270070 (one per permit)
Drilling Location Address: 1 Quarry Road (F-2) City: Brisbane Zip: 94005
To Be Constructed In: ☐ Public Property ☒ Private Property ☐ Refuse
Maximum Proposed Depth (wells/borings) 25 (feet) Drilling Method: Direct Push
Boring Diameter: 3-inch Casing Diameter: _____ Filter Pack Interval: _____ Screen Interval: _____
Destruction Method: (6 gallons water max/94 lb cement, up to 5% bentonite)
☐ Pressure Grouting (provide well construction logs and grout calcs)
☐ Overdrilling (guide rods for total depth prior to starting required)

WELL/BORING OWNER (Well/boring owner name or contact person should match signature)

Name: Orchard Partners Contact Person: Tyler Higgins
Address: 3697 Mt. Diablo Boulevard, Suite 200 City, State, Zip: Lafayette, CA 94549
Telephone: 925-876-1118 Email: thiggins@orchardpartners.com

It is my responsibility to notify the County of any known changes in the purpose of this well/boring from that which is indicated on this application, to submit indication of annual usage of wells to the County, and to maintain the well in good condition. (*Letter signed by well/boring owner/contact person, containing above language and attesting to knowledge of all permit requirements and conditions, may be substituted for signature.)*
Well/Boring Owner's/Contact Person's Signature: DocuSigned by: Tyler Higgins A546E894DD65400... Date: 4/20/2023

PROPERTY OWNER (Name as appears on assessor's roles should match signature)

Name: 1 Quarry Road, LLC Contact Person: Bill Feldbrill
Address: 655 Mariners Island Boulevard, Suite 302 City, State, Zip: San Mateo, CA 94404
Phone: 650-722-0279 Email: enfinc@aol.com

I understand that a well/boring is being installed on my property. I agree to notify the County and Well Owner of any known damage or future access issues to the well *(Letter signed by property owner, containing above language, or encroachment permit may be substituted for signature)*
Property Owner's Signature: DocuSigned by: Bill Feldbrill 29904CAC5A51463... Date: 4/18/2023

DRILLING COMPANY

Drilling Company: Cascade Drilling Contact Person: Richard Alcartado
Address: 3459 Collins Avenue City, State, Zip: Richmond, CA 94806
Phone: 707-378-3768 Email: ralcartado@cascade-env.com C57 Drillers License # 1058336

I certify that the well/boring will be constructed in compliance with the conditions of this permit (see reverse), the San Mateo County Well Ordinance, and the State Water Well Standards, and that the license listed above is considered current and active by the Contractors State License Board.
Driller's Signature: DocuSigned by: Rick Alcartado 99B1070AC57C490... Date: 4/20/2023

CONSULTANT COMPANY

Consultant Company: Farallon Consulting Project Manager: Peter Sims
Address: 330 Franklin Street, Suite 200 City, State, Zip: Oakland, CA 94607
Telephone: 949-338-8317 Email: psims@farallonconsulting.com
Field Contact & Cell # (if known): Jacqueline DePriest 757-234-3740

I certify that this application is correct to the best of my knowledge and the well/boring will be constructed/destroyed in compliance with the conditions of this permit (see page 2), the San Mateo County Well Ordinance, and the State Water Well Standards. I understand that I am responsible for General Conditions E, F, K, and L of this permit and if I indicated the purpose of drilling is geotechnical, then no one will use the boring to collect any samples for environmental analyses. If there is a change in Responsible Professional, I will notify San Mateo County GPP staff.
Responsible Professional's Name (Please print legibly): Peter Sims
Responsible Professional's Signature: DocuSigned by: Peter Sims F3709893D1B9488... Date: 4/20/2023
California Professional Geologist (PG) No. 9576 or Civil Engineer (PE) No. _____

SAN MATEO COUNTY HEALTH
ENVIRONMENTAL HEALTH SERVICES

Environmental Health Services
Groundwater Protection Program
2000 Alameda de las Pulgas, Suite #100
San Mateo, CA 94403
Phone: (650) 372-6200 | Fax: (650) 627-8244
smchealth.org/gpp

SUBSURFACE DRILLING PERMIT APPLICATION CHECKLIST

CHECKLIST

- ☐ Legibly filled in all appropriate blanks and boxes, except signature and date (review instructions to verify appropriate fields to leave any lines blank or unchecked).
- ☐ Have all required signatures (can be on separate pages, do not need to be wet signatures).
- ☐ Include appropriate fee with application. Payment can be made by credit card over phone to (650) 372-6200 (indicate when and how application submitted).
- ☐ Include scaled site map of site in relation to cross streets and drilling location in relation to site features.
- ☐ Show approximate location(s) and ID/Name of well/borings.
- ☐ For well installations, indicate (i.e. mark on permit application) anticipated destruction method of these wells. May be asked to provide written description for small diameter (<2") wells.
- ☐ For well destructions via pressure grouting, included well construction logs and grout volume calculations. An approved work plan is required for all well destructions.
- ☐ Shallow (<10') vapor wells do not need to be permitted. However, still must comply with well standards for installation and destruction (i.e. do not use bentonite alone in vadose zone for sanitary seal and remove all non-native material).
- ☐ Notify permitting inspector 2 full working days prior to start of drilling.
Separate notification to case worker if known contaminated site.
- ☐ Consultant must submit all required information within 60 days of drilling (preferably to drilling@smcgov.org).
- ☐ For Borings and wells: require logs, site map, and analytical data.
- ☐ For wells: require surveyed coordinates and elevation, Well Completion Report (or indicate upload to Department of Water Resources Online System of Well Completion Reports DWR's OSWCR).

COMMON MISTAKES TO AVOID ON APPLICATION

Listed **potential** buyer as Property Owner,

Listed case's address rather than drilling location's address.

Failed to include Assessor's Parcel Number of the drilling location.

- Provided variance justification memo if temporary wells/borings may need to be left open for more than 24 hours to wait for groundwater recharge with estimate of maximum time needed.

- Permit is for **one mobilization** only. If work included in this permit cannot be done in a single mobilization, another permit may be required.

- Well owner must submit indication of annual use of wells (monitoring reports in association with corrective action requests satisfies this requirement); otherwise, wells need to be destroyed within year of last originally intended use.

- Any application for drilling within a landfill (geotechnical or environmental) must be accompanied by a work plan. Work plans must be approved by San Mateo County Environmental Health Services (EHS) and the Groundwater Protection Program prior to drilling.

SUBSURFACE DRILLING PERMIT APPLICATION

REQUIREMENTS

An accurate and correct map **must** be submitted with the application and include the following: north arrow, existing and historic site features, existing and proposed well/boring locations with ID's to scale, property lines and any other pertinent information. A work plan describing the drilling and construction/destruction methodology must be submitted to County staff. A complete application with appropriate fees must be submitted 3 working days in advance of drilling and notification of start date and time must be provided at least 2 working days prior to drilling. The permit is subject to both General and Special Conditions stated below. A copy of the approved Subsurface Drilling Permit **must** be available on site while work related to the permit is being performed. **Drilling may begin at the notified date and time whether County staff is present or not.**

GENERAL CONDITIONS

A. ***Field notification must be provided to GPP drilling inspection staff at least 2 full working days prior to the start of drilling. GPP Caseworker also must be notified if site is associated with a remedial action case.***

B. Well and boring construction and destruction under this permit are subject to the Standards for the Construction of Wells in San Mateo County, County Groundwater Protection Program (GPP) Guidelines, Policies & Procedures, the State Water Well Standards, and any instructions by EHS representative.

C. Well/Boring Owner, Driller, and Responsible Professional assume responsibility for all activities and uses under the permit, including compliance with Workmen's Compensation Laws, and indemnify, defend and save the County of San Mateo, its officers, agents and employees, free and harmless from any and all expense, cost, or liability in connection with or resulting from work or stopped-work associated with the permit, including, but not limited to, property damage, personal injury, wrongful death, and loss of income.

D. All borings **must** be properly destroyed (grouted/sealed) within 24 hours of drilling, unless special conditions are approved beforehand in writing as part of this permit, and must be continuously protected and stabilized.

E. Analytical results of all soil, vapor, and groundwater samples collected during the execution of drilling under this permit **must** be submitted to County GPP staff by the Responsible Professional within 60 days of sample collection. If contamination is discovered during drilling, verbal notification to County GPP by the Responsible Professional is **required** within 72 hours of discovery. Proper storage, labeling & disposal of investigation-derived residual wastes are the responsibility of the consultant unless stated otherwise contractually.

F. Boring logs, well construction details, and finalized as-built location map for all borings/ wells (except geotechnical borings) signed by a Responsible Professional, **must** be submitted to County GPP by the Responsible Professional within 60 days of drilling/construction/destruction. DWR Form 188 must be filed with the State per water code 13752.

G. Permit is valid only for the purpose specified herein. No change in purpose or required procedures, as described on this permit application, in the associated workplan, or in the special conditions below, will be allowed except upon written permission from the County. Construction aspects can be changed based on conditions encountered in the field.

H. **Permit is valid for one mobilization** associated with originally permitted boring/well locations only, including contingency locations, and is automatically canceled if not exercised, or if an extension is not applied for and granted within 120 days of the original permit issuance date. Failure to notify staff of cancellation or delay in start time will result in the Consultant being billed an inspection cancellation fee if GPP staff attempted to perform an inspection. Fees are listed at smchealth.org/ehfees.

I. Wells installed under this permit may not be used for domestic, municipal, agricultural, or irrigation water supply.

J. All work performed **must** conform to Business and Profession Codes and State Water Well Standards.

K. Top-of-casing elevation of all wells **must** be surveyed to the nearest 0.01-foot relative to Mean Sea Level or NAVD88 and submitted to County GPP within 60 days of drilling, and to State GeoTracker as appropriate. Geotechnical wells are exempt from this requirement if a written variance from GPP is obtained prior to drilling.

L. Latitude and longitude of all wells **must** be surveyed with sub-meter accuracy relative to NAD83 and submitted to County GPP within 60 days of drilling, and to State GeoTracker as appropriate.

M. Violation of any requirement or general or special permit condition may result in an order by GPP staff to cease work under this permit, correct the violation, potentially re-permit the work as a new mobilization, and potential actions may be taken against the Well Owner, Property Owner, or Responsible Professional by GPP.

SPECIAL CONDITIONS: _____

(agency use only) _____

_____

_____

Agency Use Only:

Signature: Kian K. Atkinson KHA FA # _____ Date: 4/26/2023

PERMIT APPLICATION INSTRUCTIONS AND FEES

A subsurface drilling permit for borings and wells is required if groundwater is anticipated to be encountered or if drilling extends to 10 feet or deeper. Sub-slab and vapor wells shallower than 10 feet do not require a permit. Should groundwater be encountered shallower than 10 feet unexpectedly, then contact San Mateo County EHS Groundwater Protection Program (GPP) immediately and a permit application will be required retroactively. GPP is the permitting agency for all subsurface drilling for environmental and geotechnical purposes within San Mateo County. San Mateo County EHS Land Use Program (LUP) reviews all water well permit applications (smchealth.org/environ/forms) for public supply, domestic, agricultural, cathodic protection, exploratory, and geothermal heat exchange well construction and destruction and permit applications for all reconnaissance, investigation, and excavation work strictly for land use purposes. Please contact the LUP at (650) 372-6200 to discuss permitting, notification, and drilling requirements.

A 120-day extension may be granted for permits which have not been used during the original 120-day time frame. Submit another Subsurface Drilling Permit Application and payment for the permit extension fee at 50% of the fee for the type of drilling. Extension must be requested prior to the original permit expiring. If there are several wells and borings over several contiguous assessor's parcels and public right-of-ways, then discuss the fee with the County inspector at (650) 464-0047 or drilling@smcgov.org. The County inspector may charge only one fee for borings and wells constructed across contiguous assessor's parcels and public right-of- ways. However, this is dependent on how much the County inspector believes will need to be inspected in the field and how much review time of required submittals will be needed.

Section 1: Purpose of Application

At least one of the four boxes must be selected; however, multiple boxes may be selected as long as all of the wells and borings are on the same assessor's parcel or public right-of-way (see Section 4). A **boring** under this permit application is defined as a constructed hole lasting less than 24 hours before being properly destroyed. After 24 hours, the constructed hole is considered a **well** under this permit application which needs to be constructed appropriately unless special conditions are approved as part of the permit. If permit extension is selected, then write in the permit number of the permit to be extended. List the number of wells and borings anticipated to be drilled and what they will be named. This number may change in the field based on conditions encountered.

Section 2: Purpose of Drilling

At least one of the two boxes must be selected; however, both boxes may be selected as long as both purposes of drilling are to be conducted on the same assessor's parcel or public right-of-way (see Section 4). Geotechnical drilling may also be conducted under San Mateo County's Annual Geotechnical Drilling Permit in which consulting companies pay an annual fee to perform this type of drilling an unlimited amount of times for 365 days after obtaining the Annual Geotechnical Drilling Permit. Fees are listed at **smchealth.org/ehfees.** Please note, a Notification Form (not available on website) similar to this Subsurface Drilling Permit Application must be completely filled out and submitted at least 2 business days (48 hours) prior to drilling under the Annual Geotechnical Drilling Permit.

Section 3: Lead Agency

One of the three boxes must be selected. The **EHS GPP** would be selected only for investigations of known contaminated sites that the County is the lead agency. For drilling required by the Regional Water Quality Control Board **(RWQCB)**, Department of Toxic Substances Control **(DTSC)**, or the United States Environmental Protection Agency **(USEPA)**, please include a copy of their approval letter. **None** would refer to investigations required by the County CUPA (Hazardous Materials Program), County Land Use or Solid Waste Programs, County or City Planning or Building Departments or voluntary investigations for due diligence or property transactions.

Section 4: Drilling Information

All applicable spaces must be filled in. **Agency Case #** refers to the lead agency's case number, if overseen by an agency, for the project under which the investigation is being conducted. **Assessor's parcel number** is the 9-digit number corresponding to the specific private property the drilling is proposed to be conducted on (can be found under Secured Property Taxes at **sanmateocountytaxcollector.org** or **here).**Each permit **must** include only one assessor's parcel number. If the drilling is to be conducted only in public right-of-ways, then the assessor's parcel number space should be filled in with N/A for not applicable. If drilling is to occur on both a private property and a contiguous public right-of-way, then two permits (one for the private property and one for the public right-of-way) must be filled out. **Address, City, and Zip** refer to the location of the specific property drilling is proposed to be conducted on. The address for a public right-of-way would simply be the name of the specific section of the public right-of-way (ie. 100 block of Main Street). **To be Constructed in** must have one box selected. Again, this differentiates between a public right-of-way and a private property. **Refuse** is a special land use designation which needs to be indicated on the permit application.

PERMIT APPLICATION INSTRUCTIONS AND FEES (CONTINUED)

Section 4: Drilling Information (continued)

The rest of this section is self-explanatory, may change in the field based on conditions encountered, and must be filled in except **Destruction Method** for borings only. Schematics may be submitted instead of filling in the well construction details, particularly if wells will be constructed differently from each other.

Destruction Method requires the use of a maximum of 7 gallons of water per 94 pounds of cement. This measurement (for both water and cement) must be able to be demonstrated in the field upon request from the inspector (such as using a 5-gallon bucket for measuring the water and using entire bags of cement). For **pressure grouting**, the well construction log and grout calculations must be submitted. The sand pack may not be more than 3 feet above the top of the screened interval, the screened interval may not be longer than 25 feet, and the bottom of the original boring may not be more than 2 feet deeper than the bottom of the constructed well. The total depth of the well and the fact that there are no obstructions in the well must be verified in the field. Type I/II cement grout must be tremied into the well, followed by application of 25 psi pressure maintained for 5 minutes. If the well does not meet pressure grouting criteria, it must be destroyed by drilling out to the total depth of the original boring. For **overdrilling**, the well casing and all annular material must be removed using a guide rod for the entire depth of the well inserted prior to drilling, and the boring tremie grouted to the surface using Type I/II cement grout. A general observation is that grouting borings using a ¾ inch PVC pipe, typically used to collect grab groundwater samples in borings, does not work with a screened section. Free falling grout is only allowed if the boring is dry, or if water is present in less than 10% of the boring, and less than 30 feet deep. Grout calculations must be provided in a well destruction workplan.

Section 5: Well/Boring Owner

The **name** of the entity owning the wells and borings must be listed along with their contact person (if different from the name of the well/boring owner), address, telephone number, and email address. The **contact person** must be directly associated with or an agent of the entity owning the wells and borings such as a property manager, real estate manager, contractor, or lawyer but not the environmental consultant listed on the permit application in Section 8. A **phone** number and an **email** address must be provided to allow the inspector to contact the well/boring owner to verify information if necessary. By providing an email address, the well/ boring owner will receive an electronic copy of the permit. The permit application must be **signed** and **dated** by either the entity listed as the owner of the wells and borings or the contact person. **Signatures (Sections 5 through 8)** do not need to be original; however, one copy of the permit application must contain all of the information besides the signatures in a legible format. ALL SIGNATURES REQUIRED (SECTIONS 5 THROUGH 8) DO NOT NEED TO BE ON THE SAME COPY OF THE PERMIT APPLICATION.

Section 6: Property Owner

The **name** of the entity owning the property must be listed and needs to match the name listed with the County Assessor for this property. The **contact person** must be directly associated with or an agent of the entity owning the property such as a property manager, real estate manager, contractor, or lawyer but not the environmental consultant listed on the permit application in Section 8. A **telephone** number and an **email** address must be provided to allow the inspector to contact the property owner to verify information if necessary. By providing an email address, the property owner will receive an electronic copy of the permit. The permit application must be signed and dated by the entity listed as the property owner only. **AGENTS CANNOT SIGN FOR THE PROPERTY OWNER**. For public rights-of-way, a copy of the encroachment permit can be substituted for the property owner signature. The City of San Mateo, among others, will not issue an encroachment permit until the subsurface drilling permit is issued, but the City of San Mateo will issue a letter of intent to issue an encroachment permit which is acceptable as a substitute for the property owner signature in City of San Mateo rights-of-way.

Section 7: Drilling Company

The **name** of the company proposed to drill the wells and borings must be listed along with the drilling company **contact person**, **address**, **phone number**, and **email address**. In addition, the **driller's C57 license number** must be provided. By providing an email address, the drilling company will receive an electronic copy of the permit. The permit application must be signed and dated by the driller's contact person. If the drilling company changes, then a new subsurface drilling permit application should be filled out completely except for Sections 5, 6, and 8.

Section 8: Consulting Company

The **name** of the company overseeing the proposed drilling of the wells and borings must be listed along with the **project manager**, address, **phone** number, and **email** address. The responsible professional overseeing the work must **print** their name legibly, **sign** their name and date, and provide either their **California Professional Geologist or Civil Engineering** number. Field contact name and number, if known, are optional but beneficial for all parties involved.



LEGEND

- FORMER MONITORING WELL
- SITE FEATURE
- RECYCLED MATERIAL AND/OR IMPORTED FILL MATERIAL
- SITE BOUNDARY

AST = ABOVEGROUND STORAGE TANK
FM = FILL MATERIAL
MCSA = MAINTENANCE AND/OR CHEMICAL STORAGE AREA
UST = UNDERGROUND STORAGE TANK

N

0 400

SCALE IN FEET

FIGURE 2

SITE PLAN
BRISBANE QUARRY
1 QUARRY ROAD
BRISBANE, CALIFORNIA

FARALLON PN: 1363-006

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Washington
Issaquah | Bellingham | Seattle

Oregon
Portland | Baker City

California
Oakland | Irvine

Drawn By: lmurock Checked By: PS Date: 2/23/2023

Q:\Projects\1363 Orchard Partners\006 Brisbane Quarry\Mapfiles\004\Figure-02_SitePlan.mxd



LEGEND

- PROPOSED BORING (FARALLON, 2023)
- FORMER MONITORING WELL
- FORMER SITE FEATURE
- SITE FEATURE
- SITE BOUNDARY

MCSA = MAINTENANCE AND/OR CHEMICAL STORAGE AREA
UST = UNDERGROUND STORAGE TANK

N

0 50

SCALE IN FEET

FIGURE 3

ASPHALT PLANT AREA
BRISBANE QUARRY
1 QUARRY ROAD
BRISBANE, CALIFORNIA

FARALLON PN: 1363-006

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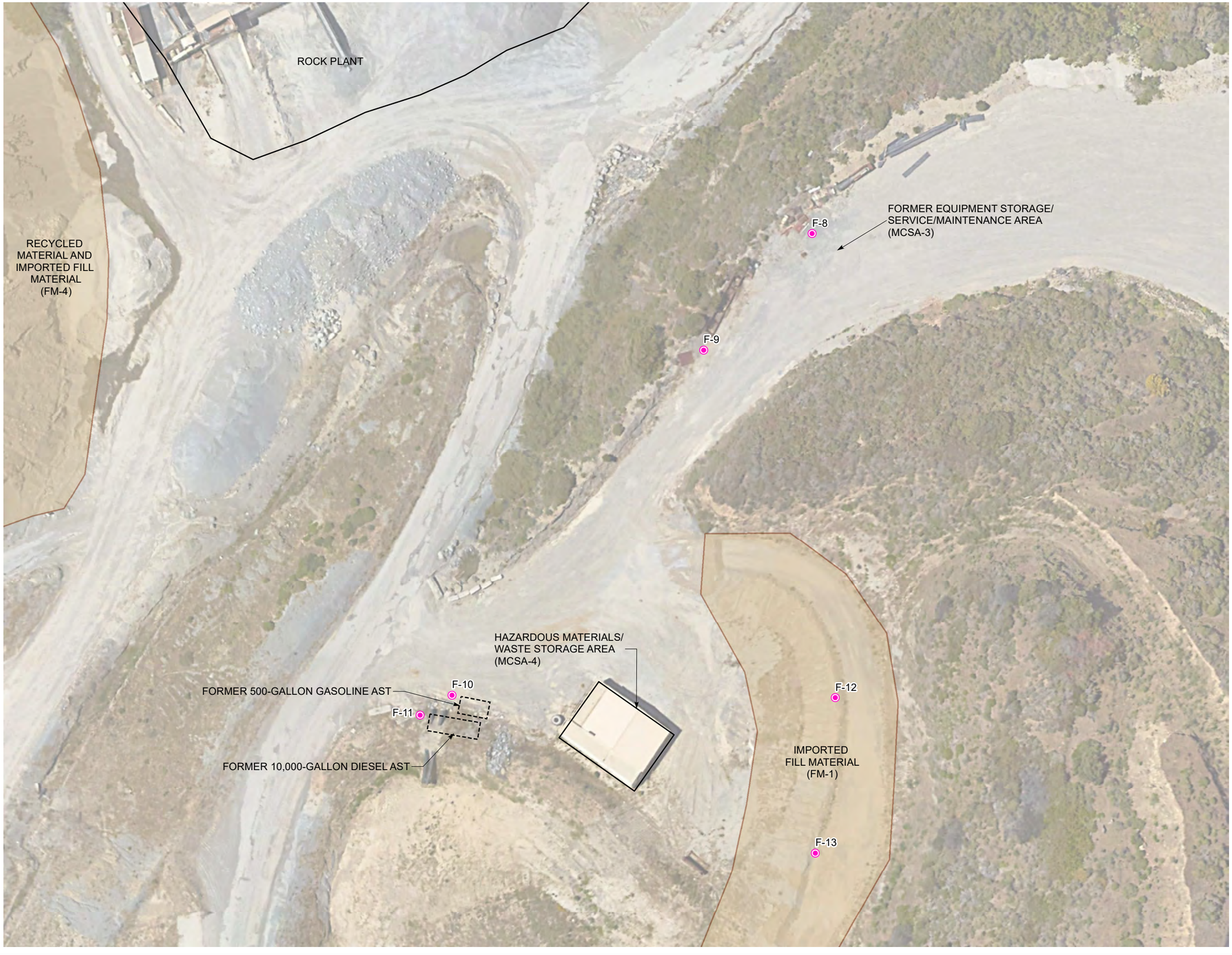
Washington
Issaquah | Bellingham | Seattle

Oregon
Portland | Baker City

California
Oakland | Irvine

Drawn By: jjones Checked By: PS Date: 3/27/2023

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LEGEND

- PROPOSED BORING (FARALLON, 2023)
- FORMER SITE FEATURE
- SITE FEATURE
- RECYCLED MATERIAL AND/OR IMPORTED FILL MATERIAL

AST = ABOVEGROUND STORAGE TANK
FM = FILL MATERIAL
MCSA = MAINTENANCE AND/OR CHEMICAL STORAGE AREA

N

0 50

SCALE IN FEET

FIGURE 4

EAST-CENTRAL AREA
BRISBANE QUARRY
1 QUARRY ROAD
BRISBANE, CALIFORNIA

FARALLON PN: 1363-006

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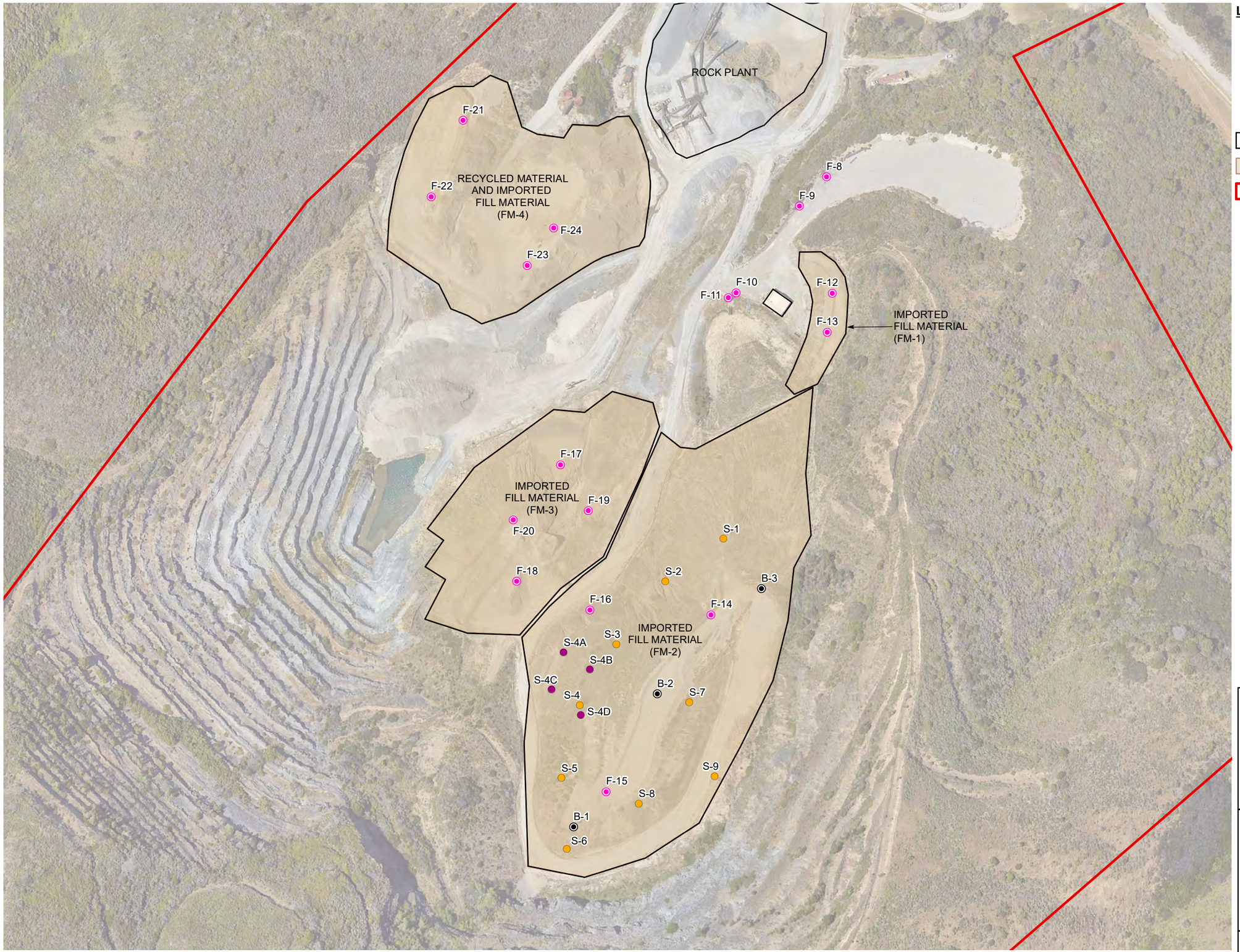
Washington
Issaquah | Bellingham | Seattle

Oregon
Portland | Baker City

California
Oakland | Irvine

Drawn By: lmurock Checked By: PS Date: 2/22/2023

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LEGEND

- PROPOSED BORING (FARALLON, 2023)
- PROPOSED SAMPLING LOCATION (FARALLON, 2023)
- SURFACE SAMPLING LOCATION (FARALLON, 2019)
- BORING (FARALLON, 2019)
- SITE FEATURE
- RECYCLED MATERIAL AND/OR IMPORTED FILL MATERIAL
- SITE BOUNDARY

FM = FILL MATERIAL

N

0 200

SCALE IN FEET

FIGURE 5

CENTRAL AREA
BRISBANE QUARRY
1 QUARRY ROAD
BRISBANE, CALIFORNIA

FARALLON PN: 1363-006

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Drawn By: jjones Checked By: PS Date: 3/27/2023

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ORDINANCE: 04023

SAN MATEO COUNTY HEALTH
ENVIRONMENTAL HEALTH SERVICES

PERMIT 23-0721

P/E: 2011 ENVIRONMENTAL SOIL BORINGS

FACILITY:
1 QUARRY ROAD (F-6), BRISBANE

OWNER:
ORCHARD PARTNERS
3697 MT. DIABLO BLVD
LAFAYETTE

WP0013755 FA0072445
005270080
AMOUNT PAID: 0.00

CONTRACTOR:
CASCADE DRILLING

TERMS & CONDITIONS:

CONSTRUCT SOIL BORINGS (1)
CONSULTANT: FARALLON CONSULTING
PROJECT MGR: PETER SIMS

KIAN ATKINSON
ENVIRONMENTAL HEALTH SPECIALIST

DATE ISSUED: 4/28/2023

EXPIRATION DATE: 8/28/2023

THIS PERMIT IS NONTRANSFERABLE AND MUST BE POSTED ON-SITE IN A CONSPICUOUS PLACE.

DocuSign Envelope ID: B8FBC424-BDF9-4D02-B2F2-ACBE4120A16A

SAN MATEO COUNTY HEALTH
ENVIRONMENTAL HEALTH SERVICES

Environmental Health Services
Groundwater Protection Program
2000 Alameda de las Pulgas, Suite #100
San Mateo, CA 94403
Phone: (650) 372-6200 | Fax: (650) 627-8244
smchealth.org/gpp

SUBSURFACE DRILLING PERMIT APPLICATION

Allow three (3) full working days for processing a complete permit application which includes payment (one permit per parcel). Drilling **start date & time** must be scheduled with County staff at (650) 464-0047 or drilling@smcgov.org **at least 2 full working days (i.e. 48 hours) in advance.**
Visit smchealth.org/ehfees for Groundwater Protection Program fees.

PURPOSE OF APPLICATION ☐ Groundwater Monitoring/Vapor Well Installation ☒ Construct Soil Borings (variance request if to be left open >24 hrs)
☐ Groundwater Monitoring/Vapor Well Destruction Extension of Permit # _____
No. of Wells _____ No. of Borings 1 Well/Boring Names F-6

PURPOSE OF DRILLING ☒ Environmental ☐ Geotechnical
LEAD AGENCY ☐ County GPP (permit approval is not to be considered work plan approval) ☐ RWQCB/DTSC/USEPA (Provide approval letter) ☒ None (i.e. voluntary)

SITE / DRILLING INFORMATION

Agency Case # _____ Assessor's Parcel # (required) 005270080 (one per permit)
Drilling Location Address: 1 Quarry Road (F-6) City: Brisbane Zip: 94005
To Be Constructed In: ☐ Public Property ☒ Private Property ☐ Refuse
Maximum Proposed Depth (wells/borings) 25 (feet) Drilling Method: Direct Push
Boring Diameter: 3-inch Casing Diameter: _____ Filter Pack Interval: _____ Screen Interval: _____
Destruction Method: ☐ Pressure Grouting (provide well construction logs and grout calcs)
(6 gallons water max/94 lb cement, up to 5% bentonite) ☐ Overdrilling (guide rods for total depth prior to starting required)

WELL/BORING OWNER (Well/boring owner name or contact person should match signature)

Name: Orchard Partners Contact Person: Tyler Higgins
Address: 3697 Mt. Diablo Boulevard, Suite 200 City, State, Zip: Lafayette, CA 94549
Telephone: 925-876-1118 Email: thiggins@orchardpartners.com

It is my responsibility to notify the County of any known changes in the purpose of this well/boring from that which is indicated on this application, to submit indication of annual usage of wells to the County, and to maintain the well in good condition. (*Letter signed by well/boring owner/contact person, containing above language and attesting to knowledge of all permit requirements and conditions, may be substituted for signature.)*
Well/Boring Owner's/Contact Person's Signature: DocuSigned by: Tyler Higgins A546E894DD65400... Date: 4/20/2023

PROPERTY OWNER (Name as appears on assessor's roles should match signature)

Name: 1 Quarry Road, LLC Contact Person: Bill Feldbrill
Address: 655 Mariners Island Boulevard, Suite 302 City, State, Zip: San Mateo, CA 94404
Phone: 650-722-0279 Email: enfinc@aol.com

I understand that a well/boring is being installed on my property. I agree to notify the County and Well Owner of any known damage or future access issues to the well *(Letter signed by property owner, containing above language, or encroachment permit may be substituted for signature)*
Property Owner's Signature: DocuSigned by: Bill Feldbrill 29994CAC5A5F463... Date: 4/18/2023

DRILLING COMPANY

Drilling Company: Cascade Drilling Contact Person: Richard Alcartado
Address: 3459 Collins Avenue City, State, Zip: Richmond, CA 94806
Phone: 707-378-3768 Email: ralcartado@cascade-env.com C57 Drillers License # 1058336

I certify that the well/boring will be constructed in compliance with the conditions of this permit (see reverse), the San Mateo County Well Ordinance, and the State Water Well Standards, and that the license listed above is considered current and active by the Contractors State License Board.
Driller's Signature: DocuSigned by: Rick Alcartado 80B4070AC57C490... Date: 4/20/2023

CONSULTANT COMPANY

Consultant Company: Farallon Consulting Project Manager: Peter Sims
Address: 330 Franklin Street, Suite 200 City, State, Zip: Oakland, CA 94607
Telephone: 949-338-8317 Email: psims@farallonconsulting.com
Field Contact & Cell # (if known): Jacqueline DePriest 757-234-3740

I certify that this application is correct to the best of my knowledge and the well/boring will be constructed/destroyed in compliance with the conditions of this permit (see page 2), the San Mateo County Well Ordinance, and the State Water Well Standards. I understand that I am responsible for General Conditions E, F, K, and L of this permit and if I indicated the purpose of drilling is geotechnical, then no one will use the boring to collect any samples for environmental analyses. If there is a change in Responsible Professional, I will notify San Mateo County GPP staff.
Responsible Professional's Name (Please print legibly): Peter Sims
Responsible Professional's Signature: DocuSigned by: Peter Sims F3709893D1B9488... Date: 4/20/2023
California Professional Geologist (PG) No. 9576 or Civil Engineer (PE) No. _____

SAN MATEO COUNTY HEALTH
ENVIRONMENTAL HEALTH SERVICES

Environmental Health Services
Groundwater Protection Program
2000 Alameda de las Pulgas, Suite #100
San Mateo, CA 94403
Phone: (650) 372-6200 | Fax: (650) 627-8244
smchealth.org/gpp

SUBSURFACE DRILLING PERMIT APPLICATION CHECKLIST

CHECKLIST

- ☐ Legibly filled in all appropriate blanks and boxes, except signature and date (review instructions to verify appropriate fields to leave any lines blank or unchecked).
- ☐ Have all required signatures (can be on separate pages, do not need to be wet signatures).
- ☐ Include appropriate fee with application. Payment can be made by credit card over phone to (650) 372-6200 (indicate when and how application submitted).
- ☐ Include scaled site map of site in relation to cross streets and drilling location in relation to site features.
- ☐ Show approximate location(s) and ID/Name of well/borings.
- ☐ For well installations, indicate (i.e. mark on permit application) anticipated destruction method of these wells. May be asked to provide written description for small diameter (<2") wells.
- ☐ For well destructions via pressure grouting, included well construction logs and grout volume calculations. An approved work plan is required for all well destructions.
- ☐ Shallow (<10') vapor wells do not need to be permitted. However, still must comply with well standards for installation and destruction (i.e. do not use bentonite alone in vadose zone for sanitary seal and remove all non-native material).
- ☐ Notify permitting inspector 2 full working days prior to start of drilling.
Separate notification to case worker if known contaminated site.
- ☐ Consultant must submit all required information within 60 days of drilling (preferably to drilling@smcgov.org).
- ☐ For Borings and wells: require logs, site map, and analytical data.
- ☐ For wells: require surveyed coordinates and elevation, Well Completion Report (or indicate upload to Department of Water Resources Online System of Well Completion Reports DWR's OSWCR).

COMMON MISTAKES TO AVOID ON APPLICATION

Listed **potential** buyer as Property Owner,

Listed case's address rather than drilling location's address.

Failed to include Assessor's Parcel Number of the drilling location.

- Provided variance justification memo if temporary wells/borings may need to be left open for more than 24 hours to wait for groundwater recharge with estimate of maximum time needed.

- Permit is for **one mobilization** only. If work included in this permit cannot be done in a single mobilization, another permit may be required.

- Well owner must submit indication of annual use of wells (monitoring reports in association with corrective action requests satisfies this requirement); otherwise, wells need to be destroyed within year of last originally intended use.

- Any application for drilling within a landfill (geotechnical or environmental) must be accompanied by a work plan. Work plans must be approved by San Mateo County Environmental Health Services (EHS) and the Groundwater Protection Program prior to drilling.

SUBSURFACE DRILLING PERMIT APPLICATION

REQUIREMENTS

An accurate and correct map **must** be submitted with the application and include the following: north arrow, existing and historic site features, existing and proposed well/boring locations with ID's to scale, property lines and any other pertinent information. A work plan describing the drilling and construction/destruction methodology must be submitted to County staff. A complete application with appropriate fees must be submitted 3 working days in advance of drilling and notification of start date and time must be provided at least 2 working days prior to drilling. The permit is subject to both General and Special Conditions stated below. A copy of the approved Subsurface Drilling Permit **must** be available on site while work related to the permit is being performed. **Drilling may begin at the notified date and time whether County staff is present or not.**

GENERAL CONDITIONS

A. ***Field notification must be provided to GPP drilling inspection staff at least 2 full working days prior to the start of drilling. GPP Caseworker also must be notified if site is associated with a remedial action case.***

B. Well and boring construction and destruction under this permit are subject to the Standards for the Construction of Wells in San Mateo County, County Groundwater Protection Program (GPP) Guidelines, Policies & Procedures, the State Water Well Standards, and any instructions by EHS representative.

C. Well/Boring Owner, Driller, and Responsible Professional assume responsibility for all activities and uses under the permit, including compliance with Workmen's Compensation Laws, and indemnify, defend and save the County of San Mateo, its officers, agents and employees, free and harmless from any and all expense, cost, or liability in connection with or resulting from work or stopped-work associated with the permit, including, but not limited to, property damage, personal injury, wrongful death, and loss of income.

D. All borings **must** be properly destroyed (grouted/sealed) within 24 hours of drilling, unless special conditions are approved beforehand in writing as part of this permit, and must be continuously protected and stabilized.

E. Analytical results of all soil, vapor, and groundwater samples collected during the execution of drilling under this permit **must** be submitted to County GPP staff by the Responsible Professional within 60 days of sample collection. If contamination is discovered during drilling, verbal notification to County GPP by the Responsible Professional is **required** within 72 hours of discovery. Proper storage, labeling & disposal of investigation-derived residual wastes are the responsibility of the consultant unless stated otherwise contractually.

F. Boring logs, well construction details, and finalized as-built location map for all borings/ wells (except geotechnical borings) signed by a Responsible Professional, **must** be submitted to County GPP by the Responsible Professional within 60 days of drilling/construction/destruction. DWR Form 188 must be filed with the State per water code 13752.

G. Permit is valid only for the purpose specified herein. No change in purpose or required procedures, as described on this permit application, in the associated workplan, or in the special conditions below, will be allowed except upon written permission from the County. Construction aspects can be changed based on conditions encountered in the field.

H. **Permit is valid for one mobilization** associated with originally permitted boring/well locations only, including contingency locations, and is automatically canceled if not exercised, or if an extension is not applied for and granted within 120 days of the original permit issuance date. Failure to notify staff of cancellation or delay in start time will result in the Consultant being billed an inspection cancellation fee if GPP staff attempted to perform an inspection. Fees are listed at smchealth.org/ehfees.

I. Wells installed under this permit may not be used for domestic, municipal, agricultural, or irrigation water supply.

J. All work performed **must** conform to Business and Profession Codes and State Water Well Standards.

K. Top-of-casing elevation of all wells **must** be surveyed to the nearest 0.01-foot relative to Mean Sea Level or NAVD88 and submitted to County GPP within 60 days of drilling, and to State GeoTracker as appropriate. Geotechnical wells are exempt from this requirement if a written variance from GPP is obtained prior to drilling.

L. Latitude and longitude of all wells **must** be surveyed with sub-meter accuracy relative to NAD83 and submitted to County GPP within 60 days of drilling, and to State GeoTracker as appropriate.

M. Violation of any requirement or general or special permit condition may result in an order by GPP staff to cease work under this permit, correct the violation, potentially re-permit the work as a new mobilization, and potential actions may be taken against the Well Owner, Property Owner, or Responsible Professional by GPP.

SPECIAL CONDITIONS: _____

(agency use only) _____

_____

_____

Agency Use Only:

Signature: Kian K. Atkinson KHA FA # _____ Date: 4/26/2023

PERMIT APPLICATION INSTRUCTIONS AND FEES

A subsurface drilling permit for borings and wells is required if groundwater is anticipated to be encountered or if drilling extends to 10 feet or deeper. Sub-slab and vapor wells shallower than 10 feet do not require a permit. Should groundwater be encountered shallower than 10 feet unexpectedly, then contact San Mateo County EHS Groundwater Protection Program (GPP) immediately and a permit application will be required retroactively. GPP is the permitting agency for all subsurface drilling for environmental and geotechnical purposes within San Mateo County. San Mateo County EHS Land Use Program (LUP) reviews all water well permit applications (smchealth.org/environ/forms) for public supply, domestic, agricultural, cathodic protection, exploratory, and geothermal heat exchange well construction and destruction and permit applications for all reconnaissance, investigation, and excavation work strictly for land use purposes. Please contact the LUP at (650) 372-6200 to discuss permitting, notification, and drilling requirements.

A 120-day extension may be granted for permits which have not been used during the original 120-day time frame. Submit another Subsurface Drilling Permit Application and payment for the permit extension fee at 50% of the fee for the type of drilling. Extension must be requested prior to the original permit expiring. If there are several wells and borings over several contiguous assessor's parcels and public right-of-ways, then discuss the fee with the County inspector at (650) 464-0047 or drilling@smcgov.org. The County inspector may charge only one fee for borings and wells constructed across contiguous assessor's parcels and public right-of- ways. However, this is dependent on how much the County inspector believes will need to be inspected in the field and how much review time of required submittals will be needed.

Section 1: Purpose of Application

At least one of the four boxes must be selected; however, multiple boxes may be selected as long as all of the wells and borings are on the same assessor's parcel or public right-of-way (see Section 4). A **boring** under this permit application is defined as a constructed hole lasting less than 24 hours before being properly destroyed. After 24 hours, the constructed hole is considered a **well** under this permit application which needs to be constructed appropriately unless special conditions are approved as part of the permit. If permit extension is selected, then write in the permit number of the permit to be extended. List the number of wells and borings anticipated to be drilled and what they will be named. This number may change in the field based on conditions encountered.

Section 2: Purpose of Drilling

At least one of the two boxes must be selected; however, both boxes may be selected as long as both purposes of drilling are to be conducted on the same assessor's parcel or public right-of-way (see Section 4). Geotechnical drilling may also be conducted under San Mateo County's Annual Geotechnical Drilling Permit in which consulting companies pay an annual fee to perform this type of drilling an unlimited amount of times for 365 days after obtaining the Annual Geotechnical Drilling Permit. Fees are listed at **smchealth.org/ehfees.** Please note, a Notification Form (not available on website) similar to this Subsurface Drilling Permit Application must be completely filled out and submitted at least 2 business days (48 hours) prior to drilling under the Annual Geotechnical Drilling Permit.

Section 3: Lead Agency

One of the three boxes must be selected. The **EHS GPP** would be selected only for investigations of known contaminated sites that the County is the lead agency. For drilling required by the Regional Water Quality Control Board **(RWQCB)**, Department of Toxic Substances Control **(DTSC)**, or the United States Environmental Protection Agency **(USEPA)**, please include a copy of their approval letter. **None** would refer to investigations required by the County CUPA (Hazardous Materials Program), County Land Use or Solid Waste Programs, County or City Planning or Building Departments or voluntary investigations for due diligence or property transactions.

Section 4: Drilling Information

All applicable spaces must be filled in. **Agency Case #** refers to the lead agency's case number, if overseen by an agency, for the project under which the investigation is being conducted. **Assessor's parcel number** is the 9-digit number corresponding to the specific private property the drilling is proposed to be conducted on (can be found under Secured Property Taxes at **sanmateocountytaxcollector.org** or **here).**Each permit **must** include only one assessor's parcel number. If the drilling is to be conducted only in public right-of-ways, then the assessor's parcel number space should be filled in with N/A for not applicable. If drilling is to occur on both a private property and a contiguous public right-of-way, then two permits (one for the private property and one for the public right-of-way) must be filled out. **Address, City, and Zip** refer to the location of the specific property drilling is proposed to be conducted on. The address for a public right-of-way would simply be the name of the specific section of the public right-of-way (ie. 100 block of Main Street). **To be Constructed in** must have one box selected. Again, this differentiates between a public right-of-way and a private property. **Refuse** is a special land use designation which needs to be indicated on the permit application.

PERMIT APPLICATION INSTRUCTIONS AND FEES (CONTINUED)

Section 4: Drilling Information (continued)

The rest of this section is self-explanatory, may change in the field based on conditions encountered, and must be filled in except **Destruction Method** for borings only. Schematics may be submitted instead of filling in the well construction details, particularly if wells will be constructed differently from each other.

Destruction Method requires the use of a maximum of 7 gallons of water per 94 pounds of cement. This measurement (for both water and cement) must be able to be demonstrated in the field upon request from the inspector (such as using a 5-gallon bucket for measuring the water and using entire bags of cement). For **pressure grouting**, the well construction log and grout calculations must be submitted. The sand pack may not be more than 3 feet above the top of the screened interval, the screened interval may not be longer than 25 feet, and the bottom of the original boring may not be more than 2 feet deeper than the bottom of the constructed well. The total depth of the well and the fact that there are no obstructions in the well must be verified in the field. Type I/II cement grout must be tremied into the well, followed by application of 25 psi pressure maintained for 5 minutes. If the well does not meet pressure grouting criteria, it must be destroyed by drilling out to the total depth of the original boring. For **overdrilling**, the well casing and all annular material must be removed using a guide rod for the entire depth of the well inserted prior to drilling, and the boring tremie grouted to the surface using Type I/II cement grout. A general observation is that grouting borings using a ¾ inch PVC pipe, typically used to collect grab groundwater samples in borings, does not work with a screened section. Free falling grout is only allowed if the boring is dry, or if water is present in less than 10% of the boring, and less than 30 feet deep. Grout calculations must be provided in a well destruction workplan.

Section 5: Well/Boring Owner

The **name** of the entity owning the wells and borings must be listed along with their contact person (if different from the name of the well/boring owner), address, telephone number, and email address. The **contact person** must be directly associated with or an agent of the entity owning the wells and borings such as a property manager, real estate manager, contractor, or lawyer but not the environmental consultant listed on the permit application in Section 8. A **phone** number and an **email** address must be provided to allow the inspector to contact the well/boring owner to verify information if necessary. By providing an email address, the well/ boring owner will receive an electronic copy of the permit. The permit application must be **signed** and **dated** by either the entity listed as the owner of the wells and borings or the contact person. **Signatures (Sections 5 through 8)** do not need to be original; however, one copy of the permit application must contain all of the information besides the signatures in a legible format. ALL SIGNATURES REQUIRED (SECTIONS 5 THROUGH 8) DO NOT NEED TO BE ON THE SAME COPY OF THE PERMIT APPLICATION.

Section 6: Property Owner

The **name** of the entity owning the property must be listed and needs to match the name listed with the County Assessor for this property. The **contact person** must be directly associated with or an agent of the entity owning the property such as a property manager, real estate manager, contractor, or lawyer but not the environmental consultant listed on the permit application in Section 8. A **telephone** number and an **email** address must be provided to allow the inspector to contact the property owner to verify information if necessary. By providing an email address, the property owner will receive an electronic copy of the permit. The permit application must be signed and dated by the entity listed as the property owner only. **AGENTS CANNOT SIGN FOR THE PROPERTY OWNER**. For public rights-of-way, a copy of the encroachment permit can be substituted for the property owner signature. The City of San Mateo, among others, will not issue an encroachment permit until the subsurface drilling permit is issued, but the City of San Mateo will issue a letter of intent to issue an encroachment permit which is acceptable as a substitute for the property owner signature in City of San Mateo rights-of-way.

Section 7: Drilling Company

The **name** of the company proposed to drill the wells and borings must be listed along with the drilling company **contact person**, **address**, **phone number**, and **email address**. In addition, the **driller's C57 license number** must be provided. By providing an email address, the drilling company will receive an electronic copy of the permit. The permit application must be signed and dated by the driller's contact person. If the drilling company changes, then a new subsurface drilling permit application should be filled out completely except for Sections 5, 6, and 8.

Section 8: Consulting Company

The **name** of the company overseeing the proposed drilling of the wells and borings must be listed along with the **project manager**, address, **phone** number, and **email** address. The responsible professional overseeing the work must **print** their name legibly, **sign** their name and date, and provide either their **California Professional Geologist or Civil Engineering** number. Field contact name and number, if known, are optional but beneficial for all parties involved.



LEGEND

- PROPOSED BORING (FARALLON, 2023)
- FORMER MONITORING WELL
- FORMER SITE FEATURE
- SITE FEATURE
- SITE BOUNDARY

MCSA = MAINTENANCE AND/OR CHEMICAL STORAGE AREA
UST = UNDERGROUND STORAGE TANK

N

0 50

SCALE IN FEET

FIGURE 3

ASPHALT PLANT AREA
BRISBANE QUARRY
1 QUARRY ROAD
BRISBANE, CALIFORNIA

FARALLON PN: 1363-006

FARALLON CONSULTING
Your Challenges. Our Priority. | farallonconsulting.com

Washington
Issaquah | Bellingham | Seattle

Oregon
Portland | Baker City

California
Oakland | Irvine

Drawn By: jjones Checked By: PS Date: 3/27/2023

Q:\Projects\1363 Orchard Partners\006 Brisbane Quarry\Mapfiles\004\Figure-03_AsphaltPlant.mxd

ORDINANCE: 04023

SAN MATEO COUNTY HEALTH
ENVIRONMENTAL HEALTH SERVICES

PERMIT 23-0722

P/E: 2011 ENVIRONMENTAL SOIL BORINGS

FACILITY:
1 QUARRY ROAD (F-12 TO F-24), BRISBANE

OWNER:
ORCHARD PARTNERS
3697 MT. DIABLO BLVD
LAFAYETTE

WP0013756 FA0072445
005270110
AMOUNT PAID: 0.00

CONTRACTOR:
CASCADE DRILLING

TERMS & CONDITIONS:

CONSTRUCT SOIL BORINGS (1)
CONSULTANT: FARALLON CONSULTING
PROJECT MGR: PETER SIMS

KIAN ATKINSON

ENVIRONMENTAL HEALTH SPECIALIST

DATE ISSUED: 4/28/2023

EXPIRATION DATE: 8/28/2023

THIS PERMIT IS NONTRANSFERABLE AND MUST BE POSTED ON-SITE IN A CONSPICUOUS PLACE.

DocuSign Envelope ID: B8FBC424-BDF9-4D02-B2F2-ACBE4120A16A

SAN MATEO COUNTY HEALTH
ENVIRONMENTAL HEALTH SERVICES

Environmental Health Services
Groundwater Protection Program
2000 Alameda de las Pulgas, Suite #100
San Mateo, CA 94403
Phone: (650) 372-6200 | Fax: (650) 627-8244
smchealth.org/gpp

SUBSURFACE DRILLING PERMIT APPLICATION

Allow three (3) full working days for processing a complete permit application which includes payment (one permit per parcel). Drilling **start date & time** must be scheduled with County staff at (650) 464-0047 or drilling@smcgov.org **at least 2 full working days (i.e. 48 hours) in advance.**
Visit smchealth.org/ehfees for Groundwater Protection Program fees.

PURPOSE OF APPLICATION ☐ Groundwater Monitoring/Vapor Well Installation ☒ Construct Soil Borings (variance request if to be left open >24 hrs)
☐ Groundwater Monitoring/Vapor Well Destruction Extension of Permit # _____
No. of Wells _____ No. of Borings 1 Well/Boring Names F-12-F-16,F-18, F-19, F-21-F-24

PURPOSE OF DRILLING ☒ Environmental ☐ Geotechnical
LEAD AGENCY ☐ County GPP (permit approval is not to be considered work plan approval) ☐ RWQCB/DTSC/USEPA (Provide approval letter) ☒ None (i.e. voluntary)

SITE / DRILLING INFORMATION

Agency Case # _____ Assessor's Parcel # (required) 005270110 (one per permit)
Drilling Location Address: 1 Quarry Road (F-12 to F-24) City: Brisbane Zip: 94005
To Be Constructed In: ☐ Public Property ☒ Private Property ☐ Refuse
Maximum Proposed Depth (wells/borings) 60 (feet) Drilling Method: Direct Push/Hollow Stem
Boring Diameter: 3-inch Casing Diameter: _____ Filter Pack Interval: _____ Screen Interval: _____
Destruction Method: (6 gallons water max/94 lb cement, up to 5% bentonite)
☐ Pressure Grouting (provide well construction logs and grout calcs)
☐ Overdrilling (guide rods for total depth prior to starting required)

WELL/BORING OWNER (Well/boring owner name or contact person should match signature)

Name: Orchard Partners Contact Person: Tyler Higgins
Address: 3697 Mt. Diablo Boulevard, Suite 200 City, State, Zip: Lafayette, CA 94549
Telephone: 925-876-1118 Email: thiggins@orchardpartners.com

It is my responsibility to notify the County of any known changes in the purpose of this well/boring from that which is indicated on this application, to submit indication of annual usage of wells to the County, and to maintain the well in good condition. (*Letter signed by well/boring owner/contact person, containing above language and attesting to knowledge of all permit requirements and conditions, may be substituted for signature.*)
Well/Boring Owner's/Contact Person's Signature: DocuSigned by: Tyler Higgins A546E894DD65490... Date: 4/20/2023

PROPERTY OWNER (Name as appears on assessor's roles should match signature)

Name: 1 Quarry Road, LLC Contact Person: Bill Feldbrill
Address: 655 Mariners Island Boulevard, Suite 302 City, State, Zip: San Mateo, CA 94404
Phone: 650-722-0279 Email: enfinc@aol.com

I understand that a well/boring is being installed on my property. I agree to notify the County and Well Owner of any known damage or future access issues to the well (*Letter signed by property owner, containing above language, or encroachment permit may be substituted for signature*)
Property Owner's Signature: DocuSigned by: Bill Feldbril 29904CAC5A51463... Date: 4/18/2023

DRILLING COMPANY

Drilling Company: Cascade Drilling Contact Person: Richard Alcartado
Address: 3459 Collins Avenue City, State, Zip: Richmond, CA 94806
Phone: 707-378-3768 Email: ralcartado@cascade-env.com C57 Drillers License # 1058336

I certify that the well/boring will be constructed in compliance with the conditions of this permit (see reverse), the San Mateo County Well Ordinance, and the State Water Well Standards, and that the license listed above is considered current and active by the Contractors State License Board.
Driller's Signature: DocuSigned by: Rick Alcartado 99B1070AC57C490... Date: 4/20/2023

CONSULTANT COMPANY

Consultant Company: Farallon Consulting Project Manager: Peter Sims
Address: 330 Franklin Street, Suite 200 City, State, Zip: Oakland, CA 94607
Telephone: 949-338-8317 Email: psims@farallonconsulting.com
Field Contact & Cell # (if known): Jacqueline DePriest 757-234-3740

I certify that this application is correct to the best of my knowledge and the well/boring will be constructed/destroyed in compliance with the conditions of this permit (see page 2), the San Mateo County Well Ordinance, and the State Water Well Standards. I understand that I am responsible for General Conditions E, F, K, and L of this permit and if I indicated the purpose of drilling is geotechnical, then no one will use the boring to collect any samples for environmental analyses. If there is a change in Responsible Professional, I will notify San Mateo County GPP staff.
Responsible Professional's Name (Please print legibly): Peter Sims
Responsible Professional's Signature: DocuSigned by: Peter Sims F5709893D1B9488... Date: 4/20/2023
California Professional Geologist (PG) No. 9576 or Civil Engineer (PE) No. _____

SAN MATEO COUNTY HEALTH
ENVIRONMENTAL HEALTH SERVICES

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Phone: (650) 372-6200 | Fax: (650) 627-8244
smchealth.org/gpp

SUBSURFACE DRILLING PERMIT APPLICATION CHECKLIST

CHECKLIST

- ☐ Legibly filled in all appropriate blanks and boxes, except signature and date (review instructions to verify appropriate fields to leave any lines blank or unchecked).
- ☐ Have all required signatures (can be on separate pages, do not need to be wet signatures).
- ☐ Include appropriate fee with application. Payment can be made by credit card over phone to (650) 372-6200 (indicate when and how application submitted).
- ☐ Include scaled site map of site in relation to cross streets and drilling location in relation to site features.
- ☐ Show approximate location(s) and ID/Name of well/borings.
- ☐ For well installations, indicate (i.e. mark on permit application) anticipated destruction method of these wells. May be asked to provide written description for small diameter (<2") wells.
- ☐ For well destructions via pressure grouting, included well construction logs and grout volume calculations. An approved work plan is required for all well destructions.
- ☐ Shallow (<10') vapor wells do not need to be permitted. However, still must comply with well standards for installation and destruction (i.e. do not use bentonite alone in vadose zone for sanitary seal and remove all non-native material).
- ☐ Notify permitting inspector 2 full working days prior to start of drilling.
Separate notification to case worker if known contaminated site.
- ☐ Consultant must submit all required information within 60 days of drilling (preferably to drilling@smcgov.org).
- ☐ For Borings and wells: require logs, site map, and analytical data.
- ☐ For wells: require surveyed coordinates and elevation, Well Completion Report (or indicate upload to Department of Water Resources Online System of Well Completion Reports DWR's OSWCR).

COMMON MISTAKES TO AVOID ON APPLICATION

Listed **potential** buyer as Property Owner,

Listed case's address rather than drilling location's address.

Failed to include Assessor's Parcel Number of the drilling location.

- Provided variance justification memo if temporary wells/borings may need to be left open for more than 24 hours to wait for groundwater recharge with estimate of maximum time needed.

- Permit is for **one mobilization** only. If work included in this permit cannot be done in a single mobilization, another permit may be required.

- Well owner must submit indication of annual use of wells (monitoring reports in association with corrective action requests satisfies this requirement); otherwise, wells need to be destroyed within year of last originally intended use.

- Any application for drilling within a landfill (geotechnical or environmental) must be accompanied by a work plan. Work plans must be approved by San Mateo County Environmental Health Services (EHS) and the Groundwater Protection Program prior to drilling.

SUBSURFACE DRILLING PERMIT APPLICATION

REQUIREMENTS

An accurate and correct map **must** be submitted with the application and include the following: north arrow, existing and historic site features, existing and proposed well/boring locations with ID's to scale, property lines and any other pertinent information. A work plan describing the drilling and construction/destruction methodology must be submitted to County staff. A complete application with appropriate fees must be submitted 3 working days in advance of drilling and notification of start date and time must be provided at least 2 working days prior to drilling. The permit is subject to both General and Special Conditions stated below. A copy of the approved Subsurface Drilling Permit **must** be available on site while work related to the permit is being performed. **Drilling may begin at the notified date and time whether County staff is present or not.**

GENERAL CONDITIONS

A. ***Field notification must be provided to GPP drilling inspection staff at least 2 full working days prior to the start of drilling. GPP Caseworker also must be notified if site is associated with a remedial action case.***

B. Well and boring construction and destruction under this permit are subject to the Standards for the Construction of Wells in San Mateo County, County Groundwater Protection Program (GPP) Guidelines, Policies & Procedures, the State Water Well Standards, and any instructions by EHS representative.

C. Well/Boring Owner, Driller, and Responsible Professional assume responsibility for all activities and uses under the permit, including compliance with Workmen's Compensation Laws, and indemnify, defend and save the County of San Mateo, its officers, agents and employees, free and harmless from any and all expense, cost, or liability in connection with or resulting from work or stopped-work associated with the permit, including, but not limited to, property damage, personal injury, wrongful death, and loss of income.

D. All borings **must** be properly destroyed (grouted/sealed) within 24 hours of drilling, unless special conditions are approved beforehand in writing as part of this permit, and must be continuously protected and stabilized.

E. Analytical results of all soil, vapor, and groundwater samples collected during the execution of drilling under this permit **must** be submitted to County GPP staff by the Responsible Professional within 60 days of sample collection. If contamination is discovered during drilling, verbal notification to County GPP by the Responsible Professional is **required** within 72 hours of discovery. Proper storage, labeling & disposal of investigation-derived residual wastes are the responsibility of the consultant unless stated otherwise contractually.

F. Boring logs, well construction details, and finalized as-built location map for all borings/ wells (except geotechnical borings) signed by a Responsible Professional, **must** be submitted to County GPP by the Responsible Professional within 60 days of drilling/construction/destruction. DWR Form 188 must be filed with the State per water code 13752.

G. Permit is valid only for the purpose specified herein. No change in purpose or required procedures, as described on this permit application, in the associated workplan, or in the special conditions below, will be allowed except upon written permission from the County. Construction aspects can be changed based on conditions encountered in the field.

H. **Permit is valid for one mobilization** associated with originally permitted boring/well locations only, including contingency locations, and is automatically canceled if not exercised, or if an extension is not applied for and granted within 120 days of the original permit issuance date. Failure to notify staff of cancellation or delay in start time will result in the Consultant being billed an inspection cancellation fee if GPP staff attempted to perform an inspection. Fees are listed at smchealth.org/ehfees.

I. Wells installed under this permit may not be used for domestic, municipal, agricultural, or irrigation water supply.

J. All work performed **must** conform to Business and Profession Codes and State Water Well Standards.

K. Top-of-casing elevation of all wells **must** be surveyed to the nearest 0.01-foot relative to Mean Sea Level or NAVD88 and submitted to County GPP within 60 days of drilling, and to State GeoTracker as appropriate. Geotechnical wells are exempt from this requirement if a written variance from GPP is obtained prior to drilling.

L. Latitude and longitude of all wells **must** be surveyed with sub-meter accuracy relative to NAD83 and submitted to County GPP within 60 days of drilling, and to State GeoTracker as appropriate.

M. Violation of any requirement or general or special permit condition may result in an order by GPP staff to cease work under this permit, correct the violation, potentially re-permit the work as a new mobilization, and potential actions may be taken against the Well Owner, Property Owner, or Responsible Professional by GPP.

SPECIAL CONDITIONS: _____

(agency use only) _____

_____

_____

Agency Use Only:

Signature: Kian K. Atkinson KHA FA # _____ Date: 4/26/2023

PERMIT APPLICATION INSTRUCTIONS AND FEES

A subsurface drilling permit for borings and wells is required if groundwater is anticipated to be encountered or if drilling extends to 10 feet or deeper. Sub-slab and vapor wells shallower than 10 feet do not require a permit. Should groundwater be encountered shallower than 10 feet unexpectedly, then contact San Mateo County EHS Groundwater Protection Program (GPP) immediately and a permit application will be required retroactively. GPP is the permitting agency for all subsurface drilling for environmental and geotechnical purposes within San Mateo County. San Mateo County EHS Land Use Program (LUP) reviews all water well permit applications (smchealth.org/environ/forms) for public supply, domestic, agricultural, cathodic protection, exploratory, and geothermal heat exchange well construction and destruction and permit applications for all reconnaissance, investigation, and excavation work strictly for land use purposes. Please contact the LUP at (650) 372-6200 to discuss permitting, notification, and drilling requirements.

A 120-day extension may be granted for permits which have not been used during the original 120-day time frame. Submit another Subsurface Drilling Permit Application and payment for the permit extension fee at 50% of the fee for the type of drilling. Extension must be requested prior to the original permit expiring. If there are several wells and borings over several contiguous assessor's parcels and public right-of-ways, then discuss the fee with the County inspector at (650) 464-0047 or drilling@smcgov.org. The County inspector may charge only one fee for borings and wells constructed across contiguous assessor's parcels and public right-of- ways. However, this is dependent on how much the County inspector believes will need to be inspected in the field and how much review time of required submittals will be needed.

Section 1: Purpose of Application

At least one of the four boxes must be selected; however, multiple boxes may be selected as long as all of the wells and borings are on the same assessor's parcel or public right-of-way (see Section 4). A **boring** under this permit application is defined as a constructed hole lasting less than 24 hours before being properly destroyed. After 24 hours, the constructed hole is considered a **well** under this permit application which needs to be constructed appropriately unless special conditions are approved as part of the permit. If permit extension is selected, then write in the permit number of the permit to be extended. List the number of wells and borings anticipated to be drilled and what they will be named. This number may change in the field based on conditions encountered.

Section 2: Purpose of Drilling

At least one of the two boxes must be selected; however, both boxes may be selected as long as both purposes of drilling are to be conducted on the same assessor's parcel or public right-of-way (see Section 4). Geotechnical drilling may also be conducted under San Mateo County's Annual Geotechnical Drilling Permit in which consulting companies pay an annual fee to perform this type of drilling an unlimited amount of times for 365 days after obtaining the Annual Geotechnical Drilling Permit. Fees are listed at **smchealth.org/ehfees.** Please note, a Notification Form (not available on website) similar to this Subsurface Drilling Permit Application must be completely filled out and submitted at least 2 business days (48 hours) prior to drilling under the Annual Geotechnical Drilling Permit.

Section 3: Lead Agency

One of the three boxes must be selected. The **EHS GPP** would be selected only for investigations of known contaminated sites that the County is the lead agency. For drilling required by the Regional Water Quality Control Board **(RWQCB)**, Department of Toxic Substances Control **(DTSC)**, or the United States Environmental Protection Agency **(USEPA)**, please include a copy of their approval letter. **None** would refer to investigations required by the County CUPA (Hazardous Materials Program), County Land Use or Solid Waste Programs, County or City Planning or Building Departments or voluntary investigations for due diligence or property transactions.

Section 4: Drilling Information

All applicable spaces must be filled in. **Agency Case #** refers to the lead agency's case number, if overseen by an agency, for the project under which the investigation is being conducted. **Assessor's parcel number** is the 9-digit number corresponding to the specific private property the drilling is proposed to be conducted on (can be found under Secured Property Taxes at **sanmateocountytaxcollector.org** or **here).**Each permit **must** include only one assessor's parcel number. If the drilling is to be conducted only in public right-of-ways, then the assessor's parcel number space should be filled in with N/A for not applicable. If drilling is to occur on both a private property and a contiguous public right-of-way, then two permits (one for the private property and one for the public right-of-way) must be filled out. **Address, City, and Zip** refer to the location of the specific property drilling is proposed to be conducted on. The address for a public right-of-way would simply be the name of the specific section of the public right-of-way (ie. 100 block of Main Street). **To be Constructed in** must have one box selected. Again, this differentiates between a public right-of-way and a private property. **Refuse** is a special land use designation which needs to be indicated on the permit application.

PERMIT APPLICATION INSTRUCTIONS AND FEES (CONTINUED)

Section 4: Drilling Information (continued)

The rest of this section is self-explanatory, may change in the field based on conditions encountered, and must be filled in except **Destruction Method** for borings only. Schematics may be submitted instead of filling in the well construction details, particularly if wells will be constructed differently from each other.

Destruction Method requires the use of a maximum of 7 gallons of water per 94 pounds of cement. This measurement (for both water and cement) must be able to be demonstrated in the field upon request from the inspector (such as using a 5-gallon bucket for measuring the water and using entire bags of cement). For **pressure grouting**, the well construction log and grout calculations must be submitted. The sand pack may not be more than 3 feet above the top of the screened interval, the screened interval may not be longer than 25 feet, and the bottom of the original boring may not be more than 2 feet deeper than the bottom of the constructed well. The total depth of the well and the fact that there are no obstructions in the well must be verified in the field. Type I/II cement grout must be tremied into the well, followed by application of 25 psi pressure maintained for 5 minutes. If the well does not meet pressure grouting criteria, it must be destroyed by drilling out to the total depth of the original boring. For **overdrilling**, the well casing and all annular material must be removed using a guide rod for the entire depth of the well inserted prior to drilling, and the boring tremie grouted to the surface using Type I/II cement grout. A general observation is that grouting borings using a ¾ inch PVC pipe, typically used to collect grab groundwater samples in borings, does not work with a screened section. Free falling grout is only allowed if the boring is dry, or if water is present in less than 10% of the boring, and less than 30 feet deep. Grout calculations must be provided in a well destruction workplan.

Section 5: Well/Boring Owner

The **name** of the entity owning the wells and borings must be listed along with their contact person (if different from the name of the well/boring owner), address, telephone number, and email address. The **contact person** must be directly associated with or an agent of the entity owning the wells and borings such as a property manager, real estate manager, contractor, or lawyer but not the environmental consultant listed on the permit application in Section 8. A **phone** number and an **email** address must be provided to allow the inspector to contact the well/boring owner to verify information if necessary. By providing an email address, the well/ boring owner will receive an electronic copy of the permit. The permit application must be **signed** and **dated** by either the entity listed as the owner of the wells and borings or the contact person. **Signatures (Sections 5 through 8)** do not need to be original; however, one copy of the permit application must contain all of the information besides the signatures in a legible format. ALL SIGNATURES REQUIRED (SECTIONS 5 THROUGH 8) DO NOT NEED TO BE ON THE SAME COPY OF THE PERMIT APPLICATION.

Section 6: Property Owner

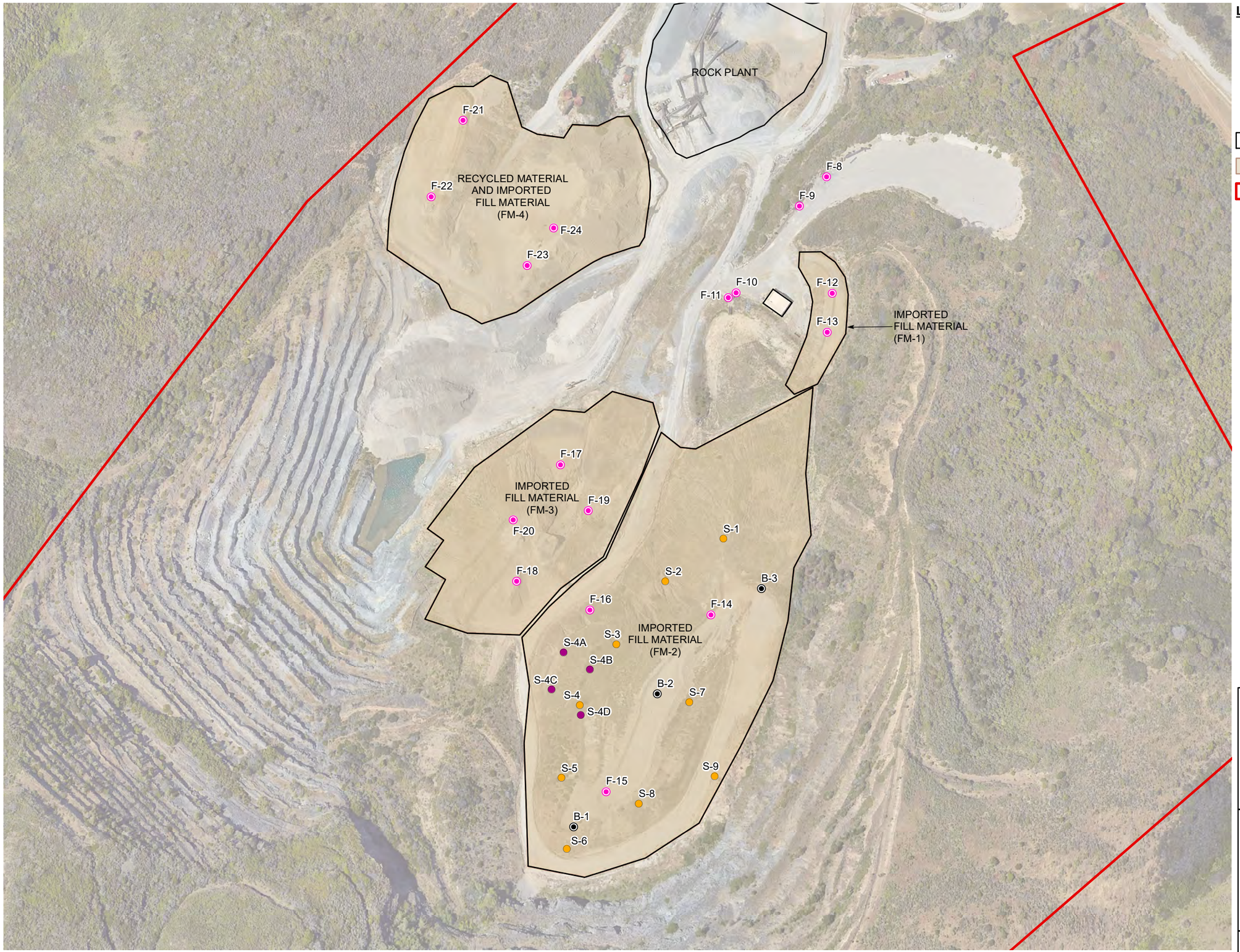
The **name** of the entity owning the property must be listed and needs to match the name listed with the County Assessor for this property. The **contact person** must be directly associated with or an agent of the entity owning the property such as a property manager, real estate manager, contractor, or lawyer but not the environmental consultant listed on the permit application in Section 8. A **telephone** number and an **email** address must be provided to allow the inspector to contact the property owner to verify information if necessary. By providing an email address, the property owner will receive an electronic copy of the permit. The permit application must be signed and dated by the entity listed as the property owner only. **AGENTS CANNOT SIGN FOR THE PROPERTY OWNER**. For public rights-of-way, a copy of the encroachment permit can be substituted for the property owner signature. The City of San Mateo, among others, will not issue an encroachment permit until the subsurface drilling permit is issued, but the City of San Mateo will issue a letter of intent to issue an encroachment permit which is acceptable as a substitute for the property owner signature in City of San Mateo rights-of-way.

Section 7: Drilling Company

The **name** of the company proposed to drill the wells and borings must be listed along with the drilling company **contact person**, **address**, **phone number**, and **email address**. In addition, the **driller's C57 license number** must be provided. By providing an email address, the drilling company will receive an electronic copy of the permit. The permit application must be signed and dated by the driller's contact person. If the drilling company changes, then a new subsurface drilling permit application should be filled out completely except for Sections 5, 6, and 8.

Section 8: Consulting Company

The **name** of the company overseeing the proposed drilling of the wells and borings must be listed along with the **project manager**, address, **phone** number, and **email** address. The responsible professional overseeing the work must **print** their name legibly, **sign** their name and date, and provide either their **California Professional Geologist or Civil Engineering** number. Field contact name and number, if known, are optional but beneficial for all parties involved.



LEGEND

- PROPOSED BORING (FARALLON, 2023)
- PROPOSED SAMPLING LOCATION (FARALLON, 2023)
- SURFACE SAMPLING LOCATION (FARALLON, 2019)
- BORING (FARALLON, 2019)
- SITE FEATURE
- RECYCLED MATERIAL AND/OR IMPORTED FILL MATERIAL
- SITE BOUNDARY

FM = FILL MATERIAL

N

0 200

SCALE IN FEET

FIGURE 5

CENTRAL AREA
BRISBANE QUARRY
1 QUARRY ROAD
BRISBANE, CALIFORNIA

FARALLON PN: 1363-006

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Washington
Issaquah | Bellingham | Seattle

Oregon
Portland | Baker City

California
Oakland | Irvine

Drawn By: jjones Checked By: PS Date: 3/27/2023

Q:\Projects\1363 Orchard Partners\006 Brisbane Quarry\Mapfiles\004\Figure-05_Central_Area.mxd

APPENDIX C
BORING LOGS

ADDITIONAL ENVIRONMENTAL INVESTIGATION REPORT
1 Quarry Road
Brisbane, California

Farallon PN: 1363-006

FARALLON CONSULTING

Log of Boring: F-1

Client:	Orchard Partners
Project:	Brisbane Quarry
Location:	1 Quarry Road, Brisbane, CA
Farallon PN:	1363-006-005
Logged By:	L. Mosqueda
Reviewed By:	S. Aguilar

Date/Time Started:	5/3/2023 13:27	**Depth to Water ATD (ft bgs):**	NE
Date/Time Completed:	5/3/2023 14:25	**Boring Diameter (in):**	2.75
Drilling Company:	Cascade Drilling	**Total Boring Depth (ft bgs):**	5
Drilling Method:	Hand Auger		
Drilling Equipment:	NA		
Drilling Operator:	Juan Cervantes		
Sampler Type:	NA		

Depth (ft bgs)	Sample Interval	Lithologic Description	USCS	USCS Graphic	Water Level	% Recovery	PID (ppmv)	Sample ID	Sample Analyzed
0		0.0' - 2.0': Poorly-graded SAND with silt and gravel (50% sand, 40% gravel, 10% fines), dark brown, moist, fine to coarse gravel and sand, no odor. Hand augered to 5.0' bgs to clear utilities.	SP-SM				1.6		
							1.9	F-1-1.0	X
		2.0' - 3.0' Poorly-graded GRAVEL with sand (80% gravel, 15% sand, 5% fines) fine to coarse gravel with cobbles, grey rocks, dark brown soil, loose, moist, no odor	GP			100	1.4		
		3.0' - 4.5' Poorly-graded SAND with silt and gravel (50% sand, 40% gravel, 10% fines), dark brown, moist, fine to coarse gravel and sand, no odor	SP-SM				13.2	F-1-3.0	X
							3.6		
		4.5' - 5.0' GRAVEL lens (100% gravel, 0% sand, 0% silt)	GW						
5							65.6	F-1-5.0	
10									

Completion Information

Temporary Well Casing Diameter (in):	NA	**Surface Seal:**	NA
Temporary Well Screened Interval (ft bgs):	NA	**Ground Surface Elevation (ft):**	NA
Boring Abandonment:	Neat cement grout	**Surveyed Location:**	**X:** NA **Y:** NA

FARALLON CONSULTING

Log of Boring: F-2

Client:	Orchard Partners
Project:	Brisbane Quarry
Location:	1 Quarry Road, Brisbane, CA
Farallon PN:	1363-006-005
Logged By:	L. Mosqueda
Reviewed By:	S. Aguilar

Date/Time Started:	5/4/2023 09:15	**Depth to Water ATD (ft bgs):**	25
Date/Time Completed:	5/4/2023 16:05	**Boring Diameter (in):**	2.75, 2.25
Drilling Company:	Cascade Drilling	**Total Boring Depth (ft bgs):**	25
Drilling Method:	Direct-Push		
Drilling Equipment:	Geoprobe 6610DT, Hand Auger		
Drilling Operator:	Juan Cervantes		
Sampler Type:	Acetate		

Depth (ft bgs)	Sample Interval	Lithologic Description	USCS	USCS Graphic	Water Level	% Recovery	PID (ppmv)	Sample ID	Sample Analyzed
0		0.0' - 2.0': Asphalt. Hand augered to 5.0' bgs to clear utilities.	AC						
		2.0' - 3.5' Poorly-graded SAND with silt and gravel (50% sand, 40% gravel, 10% fines), very dark grey (2.5Y 3/1), moist, fine to coarse gravel and sand, no odor	SP-SM			100	0.4		
							0.2	F-2-3.0	X
		3.5' - 4.0' Silty SAND with gravel (40% sand, 35% gravel, 25% fines), 2.5Y 3/2, very dark greyish brown	SM				0.8	F-2-4.0	X
		4.0' - 4.5' Paper-like debris (black), thin							
5		4.5' - 5.5': Back to 3.5' lithology, 2.5Y 3/3 dark olive brown, black lens.	SM				1.1		
		5.5' - 12.0': Sandy SILT (50% fines, 40% sand, 10% gravel), fine to coarse gravel and sand, 10YR 2/1, black with 7.5YR 4/6 strong brown staining, organics (wood) @6.0' Black lens (2") with brown staining @9.0' Black shiny hard debris	ML			90	0.8	F-2-6.0	
							0.7		
							0.8		
10						75	0.7		
							0.9		
		12.0' - 16.0': SILT with sand (80% fines, 20% sand, 0% gravel), fine to coarse sand, black, soft, wet, no odor	ML		∇		1.3		
15						75	0.7		

Completion Information

Temporary Well Casing Diameter (in):	NA	**Surface Seal:**	NA
Temporary Well Screened Interval (ft bgs):	NA	**Ground Surface Elevation (ft):**	NA
Boring Abandonment:	Neat cement grout	**Surveyed Location:** X: NA	Y: NA

FARALLON CONSULTING

Log of Boring: F-2

Client: Orchard Partners
Project: Brisbane Quarry
Location: 1 Quarry Road, Brisbane, CA
Farallon PN: 1363-006-005
Logged By: L. Mosqueda
Reviewed By: S. Aguilar

Date/Time Started: 5/4/2023 09:15
Date/Time Completed: 5/4/2023 16:05
Drilling Company: Cascade Drilling
Drilling Method: Direct-Push
Drilling Equipment: Geoprobe 6610DT, Hand Auger
Drilling Operator: Juan Cervantes
Sampler Type: Acetate

Depth to Water ATD (ft bgs): 25
Boring Diameter (in): 2.75, 2.25
Total Boring Depth (ft bgs): 25

Depth (ft bgs)	Sample Interval	Lithologic Description	USCS	USCS Graphic	Water Level	% Recovery	PID (ppmv)	Sample ID	Sample Analyzed
20		16.0' - 18.0': Lean CLAY with sand (80% fines, 20% sand, 0% gravel) fine sand, black, firm, moist, slight odor, specks of 10Y - 5GY 4/2, dark greens/ gray	CL				0.9		
		18.0' - 20.0': 10YR 3/1 very dark gray, no odor, no specks of greenish grey	CL			75	0.7		
		20.0' - 22.0': 10YR 3/2, very dark grayish brown, 10YR 5/8 yellowish brown	CL				0.9		
		22.0' - 24.0': Silt with SAND, trace gravel (60% fines, 25% sand, 15% gravel) fine to coarse sand, fine gravel, sub ranked gravel, 10YR 3/3 dark brown, moist, no odor, mottled with 10YR 5/8 yellowish brown, brick red speck observed at 23'	ML		▼	75	1.0		
25		24.0' - 25.0': Sandy SILT with gravel (40% fines, 35% sand, 25% gravel), mottled with 10YR 9/5 yellowish brown and 10YR 3/6 dark yellowish brown, wet.	ML		▼		0.7	F-2-GW	X
30									

Completion Information

Temporary Well Casing Diameter (in): NA
Temporary Well Screened Interval (ft bgs): NA
Boring Abandonment: Neat cement grout
Surface Seal: NA
Ground Surface Elevation (ft): NA
Surveyed Location: X: NA Y: NA

FARALLON CONSULTING

Log of Boring: F-3

Client:	Orchard Partners
Project:	Brisbane Quarry
Location:	1 Quarry Road, Brisbane, CA
Farallon PN:	1363-006-005
Logged By:	L. Mosqueda
Reviewed By:	S. Aguilar

Date/Time Started:	5/4/2023 08:00	**Depth to Water ATD (ft bgs):**	NE
Date/Time Completed:	5/4/2023 11:30	**Boring Diameter (in):**	2.75, 2.25
Drilling Company:	Cascade Drilling	**Total Boring Depth (ft bgs):**	7.0
Drilling Method:	Direct-Push		
Drilling Equipment:	Geoprobe 6610DT, Hand Auger		
Drilling Operator:	Juan Cervantes		
Sampler Type:	Acetate		

Depth (ft bgs)	Sample Interval	Lithologic Description	USCS	USCS Graphic	Water Level	% Recovery	PID (ppmv)	Sample ID	Sample Analyzed
0		0.0' - 2.0': Asphalt. Hand augered to 5.0' bgs to clear utilities.	AC				1.1		
							3.2		
		2.0' - 4.5' : Poorly-graded SAND with silt and gravel (50% sand, 40% gravel, 10% fines) 2.5Y 4/2 dark grayish brown with 10YR 6/8 brownish yellow, moist, no odor, fine to coarse sand and fine gravel	SP-SM				1.2		
						100	1.7	F-3-3.0	X
							1.3		
							1.5	F-3-4.0	X
		4.5' - 6.0' Silty SAND with gravel (40% sand, 35% gravel, 25% fines), fine gravel, fine to coarse sand, moist, no odor.	SM				0.6		
5		6.0' - 7.0': Sandy SILT (50% fines, 40% sand, 10% gravel), fine to coarse gravel and sand, 10YR 2/1 black with 7.5YR 4/6, strong brown staining, organics (wood)	ML			100	0.2	F-3-6.0	
							0.2		
10									

Completion Information

Temporary Well Casing Diameter (in):	NA	**Surface Seal:**	NA
Temporary Well Screened Interval (ft bgs):	NA	**Ground Surface Elevation (ft):**	NA
Boring Abandonment:	Neat cement grout	**Surveyed Location:** **X:** NA	**Y:** NA

FARALLON CONSULTING

Log of Boring: F-5

Client:	Orchard Partners
Project:	Brisbane Quarry
Location:	1 Quarry Road, Brisbane, CA
Farallon PN:	1363-006-005
Logged By:	L. Mosqueda
Reviewed By:	S. Aguilar

Date/Time Started:	5/1/2023 0825	**Depth to Water ATD (ft bgs):**	2.0
Date/Time Completed:	5/1/2023 0855	**Boring Diameter (in):**	2.25
Drilling Company:	Cascade Drilling	**Total Boring Depth (ft bgs):**	2.5
Drilling Method:	Hand Auger		
Drilling Equipment:	Hand Auger		
Drilling Operator:	Juan Cervantes		
Sampler Type:	NA		

Depth (ft bgs)	Sample Interval	Lithologic Description	USCS	USCS Graphic	Water Level	% Recovery	PID (ppmv)	Sample ID	Sample Analyzed
0		0.0' - 1.5': Silty SAND with gravel (40% sand, 35% gravel, 25% fines) subangular gravel, fine to coarse gravel and sand, moist, no odor	SM				1.1	F-5-1.0'	X
		1.5' - 2.5' : Silty GRAVEL with sand (40% gravel, 35% sand, 25% fines), 7.5YR 3/1, dark gray, moist (water encountered at 2.0'), fine subangular gravel	GM		▽	100	3.2	F-5-GW	X
5									
10									

Completion Information

Temporary Well Casing Diameter (in):	NA	**Surface Seal:**	NA
Temporary Well Screened Interval (ft bgs):	NA	**Ground Surface Elevation (ft):**	NA
Boring Abandonment:	Neat cement grout	**Surveyed Location:** X: NA	Y: NA

FARALLON CONSULTING

Log of Boring: F-6

Client:	Orchard Partners		
Project:	Brisbane Quarry		
Location:	1 Quarry Road, Brisbane, CA		
Farallon PN:	1363-006-005		
Logged By:	L. Mosqueda		
Reviewed By:	S. Aguilar		
Date/Time Started:	5/3/2023 09:43	**Depth to Water ATD (ft bgs):**	13
Date/Time Completed:	5/3/2023 10:55	**Boring Diameter (in):**	2.75, 2.25
Drilling Company:	Cascade Drilling	**Total Boring Depth (ft bgs):**	25
Drilling Method:	Direct-Push		
Drilling Equipment:	Geoprobe 6610DT, Hand Auger		
Drilling Operator:	Juan Cervantes		
Sampler Type:	Acetate		

Depth (ft bgs)	Sample Interval	Lithologic Description	USCS	USCS Graphic	Water Level	% Recovery	PID (ppmv)	Sample ID	Sample Analyzed
0		0.0' - 1.0': Poorly-graded SAND with silt and gravel (50% sand, 40% gravel, 10% fines) subangular gravel, fine to coarse gravel and sand, dark brown moist, no odor. Hand augered top 5.0' to clear for utilities.	SP-SM				1.0		
		1.0' - 3.5' : Poorly-graded SAND with silt and gravel (60% sand, 30% gravel, 10% fines), 10YR 3/2, fine to coarse sand, very dark grayish brown, moist, no odor	SP-SM			100	0.2 0.3 0.3		
		3.5' - 6.0': Saturation at 3.5'. Silty SAND (60% sand, 40% fines, 0% gravel), wet lens, black, moist. Changes to dark gray @ 4.5'. Hydrocarbon-like odor @ 5.0'.	SM				0.8		
5							40.5	F-6-5.0	X
		6.0' - 7.0': Silty SAND (60% sand, 30% fines, 10% gravel)	SM			100	3.4		
		7.0' - 9.0': Sandy SILT with gravel (55% fines, 30% sand, 15% gravel) fine to coarse sand, fine gravel, 10YR 4/2, mottled with dark grayish brown yellowish red, slight odor, moist, firm	ML				1.0	F-6-7.0	
		9.0' - 13.0': Sandy SILT (70% fines, 25% sand, 5% gravel) fine gravel, fine to coarse sand, 10YR 3/1, very dark gray, moist, no odor, firm	ML				1.9		
10						80		F-6-10.0	X
							1.3 1.5		
		13.0' - 16.0': Sandy SILT with gravel (40% fines, 35% sand, 25% gravel) fine to coarse sand, fine gravel, soft, wet, no odor, 5Y 3/2 dark olive gray; Color change @ 13.5 to GLEY1 4/10Y dark greenish gray	ML		▽	80	1.3 1.5		
15									

Completion Information

Temporary Well Casing Diameter (in):	NA	**Surface Seal:**	NA
Temporary Well Screened Interval (ft bgs):	NA	**Ground Surface Elevation (ft):**	NA
Boring Abandonment:	Neat cement grout	**Surveyed Location:** X: NA	Y: NA

FARALLON CONSULTING

Log of Boring: F-6

Client: Orchard Partners
Project: Brisbane Quarry
Location: 1 Quarry Road, Brisbane, CA
Farallon PN: 1363-006-005
Logged By: L. Mosqueda
Reviewed By: S. Aguilar

Date/Time Started:	5/3/2023 09:43	**Depth to Water ATD (ft bgs):**	13
Date/Time Completed:	5/3/2023 10:55	**Boring Diameter (in):**	2.75, 2.25
Drilling Company:	Cascade Drilling	**Total Boring Depth (ft bgs):**	25
Drilling Method:	Direct-Push		
Drilling Equipment:	Geoprobe 6610DT, Hand Auger		
Drilling Operator:	Juan Cervantes		
Sampler Type:	Acetate		

Depth (ft bgs)	Sample Interval	Lithologic Description	USCS	USCS Graphic	Water Level	% Recovery	PID (ppmv)	Sample ID	Sample Analyzed
							63.5	F-6-15.0	X
		16.0' - 17.0': Sandy SILT (60% fines, 40% sand, 0% gravel) dark greenish gray, moist, firm. Color change @ 16.5' to 10YR 5/4 yellowish brown	ML				4.0		
		17.0' - 23.0': Sandy SILT (80% fines, 20% sand, 0% gravel) fine to coarse sand, GLEY1 4/10Y dark greenish gray mottled with yellowish brown, slight odor, moist.	ML				13.5	F-6-17.0	
		@21.0' - 21.5': 10YR 5/4 yellowish brown with slight greenish gray mottles, no odor.				80			
		@21.5' - 23.0': No greenish gray, reddish brown mottling, no odor					2.9		
20							2.3	F-6-20.0	
					▼		1.5	F-6-GW	X
							6.2		
						80			
		23.0' - 24.0': Sandy SILT (55% fines, 40% sand, 5% gravel), moist, firm	ML				4.0		
		24.0' - 25.0': SILT with sand (80% fines, 20% sand, 0% gravel)	ML				2.1		
25							1.5		
30									

Completion Information

Temporary Well Casing Diameter (in):	NA	**Surface Seal:**	NA
Temporary Well Screened Interval (ft bgs):	NA	**Ground Surface Elevation (ft):**	NA
Boring Abandonment:	Neat cement grout	**Surveyed Location:**	**X:** NA **Y:** NA

FARALLON CONSULTING

Log of Boring: F-7

Client:	Orchard Partners
Project:	Brisbane Quarry
Location:	1 Quarry Road, Brisbane, CA
Farallon PN:	1363-006-005
Logged By:	L. Mosqueda
Reviewed By:	S. Aguilar

Date/Time Started:	5/3/2023 08:00	**Depth to Water ATD (ft bgs):**	10
Date/Time Completed:	5/3/2023 09:20	**Boring Diameter (in):**	2.75, 2.25
Drilling Company:	Cascade Drilling	**Total Boring Depth (ft bgs):**	15
Drilling Method:	Direct-Push		
Drilling Equipment:	Geoprobe 6610DT, Hand Auger		
Drilling Operator:	Juan Cervantes		
Sampler Type:	Acetate		

Depth (ft bgs)	Sample Interval	Lithologic Description	USCS	USCS Graphic	Water Level	% Recovery	PID (ppmv)	Sample ID	Sample Analyzed
0		0.0' - 4.0': Silty SAND with gravel (40% sand, 30% gravel, 20% fines) black, loose, moist, no odor. Hand augered top 5.0' to clear utilities.	SM			100	0.1 0.2 0.1 0.3		
		4.0' - 4.5' : Silty SAND (60% sand, 40% fines, 0% gravel), olive brown, wet lens.	SM				0.2		
5		4.5' - 12.0': Silty GRAVEL with sand (40% gravel, 35% sand, 15% fines) fine to coarse sand and gavel, subangular gravel, 2.5Y 5/1, very dark gray, loose, moist, no odor; Color change @ 10.0 to black and wet	GM		▽	50	0.5 0.3 0.3	F-7-7.0	X
10									

Completion Information

Temporary Well Casing Diameter (in):	NA	**Surface Seal:**	NA
Temporary Well Screened Interval (ft bgs):	NA	**Ground Surface Elevation (ft):**	NA
Boring Abandonment:	Neat cement grout	**Surveyed Location:** **X:** NA	**Y:** NA

FARALLON CONSULTING

Log of Boring: F-7

Client: Orchard Partners
Project: Brisbane Quarry
Location: 1 Quarry Road, Brisbane, CA
Farallon PN: 1363-006-005
Logged By: L. Mosqueda
Reviewed By: S. Aguilar

Date/Time Started:	5/3/2023 08:00	**Depth to Water ATD (ft bgs):**	10
Date/Time Completed:	5/3/2023 09:20	**Boring Diameter (in):**	2.75, 2.25
Drilling Company:	Cascade Drilling	**Total Boring Depth (ft bgs):**	15
Drilling Method:	Direct-Push		
Drilling Equipment:	Geoprobe 6610DT, Hand Auger		
Drilling Operator:	Juan Cervantes		
Sampler Type:	Acetate		

Depth (ft bgs)	Sample Interval	Lithologic Description	USCS	USCS Graphic	Water Level	% Recovery	PID (ppmv)	Sample ID	Sample Analyzed
					▼	75			
		12.0' - 15.0': Sandy SILT (55% fines, 40% sand, 5% fine gravel) 2.5Y 3/1, very dark gray, soft, moist, no odor	ML				0.4		
						75	0.3		
15								F-7-15.0	X
20									

Completion Information

Temporary Well Casing Diameter (in):	NA	**Surface Seal:**	NA
Temporary Well Screened Interval (ft bgs):	NA	**Ground Surface Elevation (ft):**	NA
Boring Abandonment:	Neat cement grout	**Surveyed Location:** **X:** NA	**Y:** NA

FARALLON CONSULTING

Log of Boring: F-8

Client:	Orchard Partners
Project:	Brisbane Quarry
Location:	1 Quarry Road, Brisbane, CA
Farallon PN:	1363-006-005
Logged By:	L. Mosqueda
Reviewed By:	S. Aguilar

Date/Time Started:	5/1/2023 14:25	**Depth to Water ATD (ft bgs):**	NE
Date/Time Completed:	5/1/2023 15:05	**Boring Diameter (in):**	2.75
Drilling Company:	Cascade Drilling	**Total Boring Depth (ft bgs):**	5.5
Drilling Method:	Hand Auger		
Drilling Equipment:	Hand Auger		
Drilling Operator:	Juan Cervantes		
Sampler Type:	NA		

Depth (ft bgs)	Sample Interval	Lithologic Description	USCS	USCS Graphic	Water Level	% Recovery	PID (ppmv)	Sample ID	Sample Analyzed
0		0.0' - 1.0': Silty GRAVEL with sand (60% gravel, 25% sand, 15% fines) 2.5Y 5/1 gray, fine to coarse gravel and sand, subangular gravel, moist, no odor, chunk of black hard soil.	GM						
		1.0' - 2.0' : Mottled with black debris.	GM				0.1	F-8-1.0	X
		2.0' - 3.0': Decrease in black debris.	GM			100	0.6		
		3.0' - 5.5': Mottled with black debris.	GM				0.6	F-8-3.0	X
							0.4		
5							0.5	F-8-5.0	
10									

Completion Information

Temporary Well Casing Diameter (in):	NA	**Surface Seal:**	NA
Temporary Well Screened Interval (ft bgs):	NA	**Ground Surface Elevation (ft):**	NA
Boring Abandonment:	Neat cement grout	**Surveyed Location:**	**X:** NA **Y:** NA

FARALLON CONSULTING

Log of Boring: F-9

Client:	Orchard Partners
Project:	Brisbane Quarry
Location:	1 Quarry Road, Brisbane, CA
Farallon PN:	1363-006-005
Logged By:	L. Mosqueda
Reviewed By:	S. Aguilar

Date/Time Started:	5/1/2023 1315	**Depth to Water ATD (ft bgs):**	NE
Date/Time Completed:	5/1/2023 1400	**Boring Diameter (in):**	2.75
Drilling Company:	Cascade Drilling	**Total Boring Depth (ft bgs):**	5.5
Drilling Method:	Hand Auger	**Constructed Well Depth (ft bgs):**	5.0
Drilling Equipment:	Hand Auger		
Drilling Operator:	Juan Cervantes		
Sampler Type:	NA		

Depth (ft bgs)	Lithologic Description	USCS	% Recovery	PID (ppmv)	Sample ID	Sample Analyzed	Boring/Well Construction Details
0	0.0' - 2.0': Silty GRAVEL with sand (60% gravel, 25% sand, 15% fines) 2.5Y 5/1, gray, fine to coarse gravel and sand, subangular gravel, moist, no odor, chunk of black hard soil. Hand augered to 5.0' bgs to clear utilities.	GM		60.3	F-9-0.5	X	
				10.4	F-9-1.0	X	
	2.0' - 3.0' : Silty GRAVEL with sand (40% gravel, 35% sand, 25% fines)	GM		13.1			Hydrated Bentonite
	3.0' - 5.5': Silty GRAVEL with sand (40% gravel, 30% sand, 30% fines), mottled with yellowish brown, brick fragments, large gravel, chunk of black hard soil). Color changes @ 5' to gray	GM	100	3.0	F-9-3.0	X	
				2.0			Dry Bentonite
5				2.3	F-9-5.0 F-9-SG-5.0	X	Probe Sand Pack
10							

Well Construction Information

Monument Type:	NA	**Filter Pack:**	4.5'-5.5'	**Ground Surface Elevation (ft):**	NA
Casing Diameter (in):	NA	**Surface Seal:**	0.0'-4.0'	**Top of Casing Elevation (ft):**	NA
Screen Slot Size (in):	NA	**Annular Seal:**	4.0'-4.5'	**Surveyed Location: X:** NA	**Y:** NA
Screened Interval (ft bgs):	NA	**Boring Abandonment:**	Neat cement grout	**Unique Well ID:** F-9	

FARALLON CONSULTING

Log of Boring: F-10

Client: Orchard Partners
Project: Brisbane Quarry
Location: 1 Quarry Road, Brisbane, CA
Farallon PN: 1363-006-005
Logged By: L. Mosqueda
Reviewed By: S. Aguilar

Date/Time Started:	5/1/2023 1005	**Depth to Water ATD (ft bgs):**	NE
Date/Time Completed:	5/1/2023 1110	**Boring Diameter (in):**	2.75
Drilling Company:	Cascade Drilling	**Total Boring Depth (ft bgs):**	5.5
Drilling Method:	Hand Auger	**Constructed Well Depth (ft bgs):**	5.0
Drilling Equipment:	Hand Auger		
Drilling Operator:	Juan Cervantes		
Sampler Type:	NA		

Depth (ft bgs)	Sample Interval	Lithologic Description	USCS	USCS Graphic	% Recovery	PID (ppmv)	Sample ID	Sample Analyzed	Boring/Well Construction Details
0		0.0' - 1.0': Silty GRAVEL with sand (40% sand, 35% gravel, 25% fines) 2.5Y 4/2, dark grayish brown, fine to coarse subangular gravel, fine to coarse sand, moist, roots. Hand augered to 5.0' bgs to clear utilities.	GM			1.2			
		1.0' - 4.0' : Silty GRAVEL with sand (45% gravel, 35% sand, 20% fines) very dark grayish brown, fine to coarse subangular gravel, fine to coarse sand, moist, no odor	GM			0.3	F-10-1.0'	X	
						0.3			Hydrated Bentonite
					100	0.7	F-10-3.0'	X	
		4.0' - 5.0': Silty GRAVEL with sand (55% gravel 30% sand, 15% fines) brick fragments.	GM			0.3			Dry Bentonite
5		5.0' - 5.5': Clayey GRAVEL with sand (45% gravel, 35% sand, 20% fines) 10YR 5/4 yellowish brown	GM			0.2	F-10-5.0'		Probe Sand Pack
10									

Well Construction Information

Monument Type:	NA	**Filter Pack:**	4.5'-5.5'	**Ground Surface Elevation (ft):**	NA
Casing Diameter (in):	NA	**Surface Seal:**	0.0'-4.0'	**Top of Casing Elevation (ft):**	NA
Screen Slot Size (in):	NA	**Annular Seal:**	4.0'-4.5'	**Surveyed Location: X:** NA	**Y:** NA
Screened Interval (ft bgs):	NA	**Boring Abandonment:**	NA	**Unique Well ID:** F-10	

FARALLON CONSULTING

Log of Boring: F-11

Client: Orchard Partners
Project: Brisbane Quarry
Location: 1 Quarry Road, Brisbane, CA
Farallon PN: 1363-006-005
Logged By: L. Mosqueda
Reviewed By: S. Aguilar

Date/Time Started:	5/1/2023 1225	**Depth to Water ATD (ft bgs):**	NE
Date/Time Completed:	5/1/2023 1300	**Boring Diameter (in):**	2.75
Drilling Company:	Cascade Drilling	**Total Boring Depth (ft bgs):**	5.5
Drilling Method:	Hand Auger		
Drilling Equipment:	Hand Auger		
Drilling Operator:	Juan Cervantes		
Sampler Type:	NA		

Depth (ft bgs)	Sample Interval	Lithologic Description	USCS	USCS Graphic	Water Level	% Recovery	PID (ppmv)	Sample ID	Sample Analyzed
0		0.0' - 1.0': Silty GRAVEL with sand (40% sand, 35% gravel, 25% fines) 2.5Y 4/2, dark grayish brown, fine to coarse subangular gravel, fine to coarse sand, moist, roots. Hand augered to 5.0' bgs to clear utilities.	GM						
		1.0' - 4.0' : Silty GRAVEL with sand (45% gravel, 35% sand, 20% fines) very dark grayish brown, fine to coarse subangular gravel, fine to coarse sand, moist, no odor	GM				0.1	F-11-1.0'	X
							0.1		
						100	0.1	F-11-3.0'	X
		4.0' - 5.0': Silty GRAVEL with sand (55% gravel 30% sand, 15% fines) black fragments	GM				0.1		
5		5.0' - 5.5': Clayey GRAVEL with sand (45% gravel, 35% sand, 20% fines) 10YR 5/4 yellowish brown. Brick fragments.	GM				0.3	F-11-5.0'	
10									

Completion Information

Temporary Well Casing Diameter (in):	NA	**Surface Seal:**	NA
Temporary Well Screened Interval (ft bgs):	NA	**Ground Surface Elevation (ft):**	NA
Boring Abandonment:	Neat Cement Grout	**Surveyed Location:** X: NA	Y: NA

FARALLON CONSULTING

Log of Boring: F-12

Client:	Orchard Partners
Project:	Brisbane Quarry
Location:	1 Quarry Road, Brisbane, CA
Farallon PN:	1363-006-005
Logged By:	L. Mosqueda
Reviewed By:	P. Sims

Date/Time Started:	5/2/2023 0840	**Depth to Water ATD (ft bgs):**	NE
Date/Time Completed:	5/2/2023 1128	**Boring Diameter (in):**	2.75
Drilling Company:	Cascade Drilling	**Total Boring Depth (ft bgs):**	15
Drilling Method:	Hand Auger		
Drilling Equipment:	NA		
Drilling Operator:	Juan Cervantes		
Sampler Type:	NA		

Depth (ft bgs)	Sample Interval	Lithologic Description	USCS	USCS Graphic	Water Level	% Recovery	PID (ppmv)	Sample ID	Sample Analyzed
0		0.0' - 0.5': Silty SAND with gravel (50% sand, 30% gravel, 20% fines) dark brown, fine to coarse gravel and sand, subangular gravel, moist, no odor. Hand augered to 5.0' bgs to clear utilities.	SM						
		0.5' - 1.5' : Sandy SILT with gravel (40% fines, 35% sand, 25% gravel) light gray, fine gravel, fine to coarse sand, subangular gravel	ML				0.5		
		1.5' - 2.0': Sandy GRAVEL with silt (50% gravel, 30% sand, 20% fines) fine to coarse gravel and sand, subangular gravel, moist, no odor, 2.5Y 4/4 olive brown	GM				0.8		
		2.0' - 7.0': Silty SAND with gravel (50% sand, 30% gravel, 20% fines) GLEY1 3/N, very dark gray, fine gravel; @4.0' fine to coarse gravel subangular; @4.5' Color change to dark olive brown 2.5Y 3/3; @5.0' brick fragments	SM			100	7.3		
							1.6		
							20.6	F-12-4.0	X
5							10.4	F-12-5.0	
							2.6		
		7.0' - 10.0': Gravel lens; fine to coarse gravel, 2.5Y 6/3, light yellowish brown	GM			50	1.6		
10									

Completion Information

Temporary Well Casing Diameter (in):	NA	**Surface Seal:**	NA
Temporary Well Screened Interval (ft bgs):	NA	**Ground Surface Elevation (ft):**	NA
Boring Abandonment:	Neat cement grout	**Surveyed Location:**	**X:** NA **Y:** NA

FARALLON CONSULTING

Log of Boring: F-12

Client: Orchard Partners
Project: Brisbane Quarry
Location: 1 Quarry Road, Brisbane, CA
Farallon PN: 1363-006-005
Logged By: L. Mosqueda
Reviewed By: P. Sims

Date/Time Started:	5/2/2023 0840	**Depth to Water ATD (ft bgs):**	NE
Date/Time Completed:	5/2/2023 1128	**Boring Diameter (in):**	2.75
Drilling Company:	Cascade Drilling	**Total Boring Depth (ft bgs):**	15
Drilling Method:	Hand Auger		
Drilling Equipment:	NA		
Drilling Operator:	Juan Cervantes		
Sampler Type:	NA		

Depth (ft bgs)	Sample Interval	Lithologic Description	USCS	USCS Graphic	Water Level	% Recovery	PID (ppmv)	Sample ID	Sample Analyzed
		10.0' - 11.0': Sandy CLAY with gravel (40% fines, 35% sand, 25% gravel) 2.5Y 4/2 dark grayish brown, no odor	SC				1.6	F-12-10.0	
		11.0' - 12.0': SAND with gravel (50% sand, 45% gravel, 5% fines) fine to coarse sand, fine gravel, subangular gravel, 2.5Y 4/2	GM				1.7		
		12.0' - 15.0': Sandy CLAY with gravel (40% fines, 35% sand, 25% gravel) 2.5Y 4/4 olive brown, no odor	SC			90	3.3 1.4 1.6		
15								F-12-15.0	X
20									

Completion Information

Temporary Well Casing Diameter (in):	NA	**Surface Seal:**	NA
Temporary Well Screened Interval (ft bgs):	NA	**Ground Surface Elevation (ft):**	NA
Boring Abandonment:	Neat cement grout	**Surveyed Location:** X: NA	Y: NA

FARALLON CONSULTING

Log of Boring: F-13

Client:	Orchard Partners
Project:	Brisbane Quarry
Location:	1 Quarry Road, Brisbane, CA
Farallon PN:	1363-006-005
Logged By:	L. Mosqueda
Reviewed By:	P. Sims

Date/Time Started:	5/2/2023 0740	**Depth to Water ATD (ft bgs):**	NE
Date/Time Completed:	5/2/2023 1120	**Boring Diameter (in):**	2.25
Drilling Company:	Cascade Drilling	**Total Boring Depth (ft bgs):**	15
Drilling Method:	Direct Push		
Drilling Equipment:	Hand Auger, Geoprobe 6620DT		
Drilling Operator:	Juan Cervantes		
Sampler Type:	Acetate		

Depth (ft bgs)	Sample Interval	Lithologic Description	USCS	USCS Graphic	Water Level	% Recovery	PID (ppmv)	Sample ID	Sample Analyzed
0		0.0' - 1.5': Silty SAND with gravel (40% sand, 35% gravel, 25% fines) dark brown, fine to coarse gravel and sand, subrounded gravel, moist, no odor. Hand augered to 5.0' bgs to clear for utilities.	SM				0.0 0.3		
		1.5' - 3.0' : Silty GRAVEL with sand (50% gravel, 30% sand, 20% fines) fine to coarse sand and gravel, subangular gravel, moist, no odor, 2.5Y 4/4 olive brown.	GM			100	0.3		
		3.0' - 6.0': Silty SAND with gravel (40% sand, 35% gravel, 25% fines) fine to coarse gravel and sand, subangular gravel, moist, no odor, 5Y 3/2 dark olive gray, brick fragments, mottled with olive brown; Color change @ 4.0' to olive brown.	SM				0.2 0.2		
5							0.5	F-13-5.0'	X
		6.0' - 7.0': Clayey SAND with gravel (40% sand, 35% gravel, 25% fines) fine to coarse gravel and sand, subangular gravel, olive brown, moist, no odor.	SC				0.5		
		7.0' - 7.5': Poorly-graded GRAVEL (100% gravel, 0% sand, 0% fines); fine to coarse gravel, subangular, olive gray	GP						
		7.5' - 12.0': Silty SAND with gravel (40% sand, 35% gravel, 25% fines) fine to coarse gravel and sand, subangular gravel, moist, no odor, olive brown.	SM			75	0.8		
10									

Completion Information

Temporary Well Casing Diameter (in):	NA	**Surface Seal:**	NA
Temporary Well Screened Interval (ft bgs):	NA	**Ground Surface Elevation (ft):**	NA
Boring Abandonment:	Neat cement grout	**Surveyed Location:** X: NA	Y: NA

FARALLON CONSULTING

Log of Boring: F-13

Client:	Orchard Partners
Project:	Brisbane Quarry
Location:	1 Quarry Road, Brisbane, CA
Farallon PN:	1363-006-005
Logged By:	L. Mosqueda
Reviewed By:	P. Sims

Date/Time Started:	5/2/2023 0740	**Depth to Water ATD (ft bgs):**	NE
Date/Time Completed:	5/2/2023 1120	**Boring Diameter (in):**	2.25
Drilling Company:	Cascade Drilling	**Total Boring Depth (ft bgs):**	15
Drilling Method:	Direct Push		
Drilling Equipment:	Hand Auger, Geoprobe 6620DT		
Drilling Operator:	Juan Cervantes		
Sampler Type:	Acetate		

Depth (ft bgs)	Sample Interval	Lithologic Description	USCS	USCS Graphic	Water Level	% Recovery	PID (ppmv)	Sample ID	Sample Analyzed
15		12.0' - 15.0': Poorly-Graded GRAVEL, fine to coarse gravel, subangular, gray gravel	GP			60	0.9 0.8 0.7	F-13-10.0' F-13-15.0'	X
20									

Completion Information

Temporary Well Casing Diameter (in):	NA	**Surface Seal:**	NA
Temporary Well Screened Interval (ft bgs):	NA	**Ground Surface Elevation (ft):**	NA
Boring Abandonment:	Neat cement grout	**Surveyed Location:** **X:** NA	**Y:** NA

Log of Boring: F-14

Client: Orchard Partners
Project: Brisbane Quarry
Location: 1 Quarry Road, Brisbane, CA
Farallon PN: 1363-006-005
Logged By: J. DePriest
Reviewed By: S. Aguilar

Date/Time Started: 5/1/2023 0930
Date/Time Completed: 5/1/2023 1345
Drilling Company: Cascade Drilling
Drilling Method: Hollow Stem Auger
Drilling Equipment: Geoprobe 3126GT
Drilling Operator: Arturo Sanchez
Sampler Type: Stainless Steel 18"

Depth to Water ATD (ft bgs): NE
Boring Diameter (in): 6
Total Boring Depth (ft bgs): 61

Depth (ft bgs)	Sample Interval	Lithologic Description	USCS	USCS Graphic	Water Level	% Recovery	PID (ppmv)	Sample ID	Sample Analyzed
0		0.0' - 3.0': Poorly graded SAND with gravel (80% sand, 20% gravel), very fine to medium grained sand, gravel to 2"-diameter, light gray (5Y 7/2), medium dense, dry. Hand augered to 5.0' bgs to clear for utilities.	SP			100	0.0	F-14-1	X
5		3.0' - 6.0' : Clayey SAND (60% sand, 40% fines), very fine to medium grained sand, very dark gray (5Y 3/1), dense, dry.	SC			100	0.2	F-14-5	X
10		6.0' - 14.0': Lean CLAY with sand (40% sand, 60% fines), very fine to medium grained sand, very dark gray (5Y 3/1), very stiff, dry.	CL			100	0.0	F-14-10	X
15		14.0' - 17.0': SILT with gravel (80% fines, 20% gravel), dark olive gray (5Y 3/2), very stiff, dry.	ML			100	0.0	F-14-15	X
20		17.0' - 20.0': Lean CLAY with gravel (75% fines, 25% gravel), dark yellow brown (10YR 4/4), hard, dry.	CL			100	0.0	F-14-20	X
25		20.0' - 30.0': Lean CLAY with gravel (80% fines, 15% gravel, 5% sand), very fine grained sand, dark yellow brown (10YR 4/4), hard, dry.	CL			100	0.0	F-14-25	X
30		30.0' - 35.0': Increase in sand to (75% fines, 15% gravel, 10% sand).	CL			100	0.0	F-14-30	X
35		35.0' - 45.0': Clayey SAND (80% sand, 20% fines), fine to medium grained sand, dark yellow brown (10YR 4/4), medium dense, dry.	SC			100	0.0	F-14-35	X
40							0.0	F-14-40	X
45		45.0' - 54.0': Poorly graded SAND (100% sand), very fine to medium grained sand, dark yellow brown (10YR 4/4), medium dense, moist.	SP			100	0.0	F-14-45	X
50		@50.0': Some trace gravels to 1" diameter	SP			100	0.0	F-14-50	X
55		54.0' - 61.0': Clayey SAND (80% sand, 20% fines), medium grained sand, trace gravels, dark yellow brown (10YR 4/4), medium dense, moist.	SC			100	0.0	F-14-55	X
60							0.0	F-14-60	X

Completion Information

Temporary Well Casing Diameter (in): NA
Temporary Well Screened Interval (ft bgs): NA
Boring Abandonment: Neat Cement Grout
Surface Seal: NA
Ground Surface Elevation (ft): NA
Surveyed Location: **X:** NA **Y:** NA

Log of Boring: F-15

Client: Orchard Partners
Project: Brisbane Quarry
Location: 1 Quarry Road, Brisbane, CA
Farallon PN: 1363-006-005
Logged By: J. DePriest
Reviewed By: S. Aguilar

Date/Time Started: 5/2/2023 0740
Date/Time Completed: 5/2/2023 1125
Drilling Company: Cascade Drilling
Drilling Method: Hollow Stem Auger
Drilling Equipment: Geoprobe 3126GT
Drilling Operator: Arturo Sanchez
Sampler Type: Stainless Steel 18"

Depth to Water ATD (ft bgs): 49
Boring Diameter (in): 6
Total Boring Depth (ft bgs): 61

Depth (ft bgs)	Lithologic Description	USCS	Water Level	% Recovery	PID (ppmv)	Sample ID	Sample Analyzed
0	0.0' - 5.0': Silty SAND (60% sand, 40% fines, trace gravel), very fine to medium grained sand, gravels to 0.25"-diameter, brown (10YR 5/3), loose, dry. Hand augered to 5.0' bgs to clear for utilities.	SM		100	0.0	F-15-1	X
5	5.0' - 10.0' : Increase in gravel (60% sand, 30% fines, 10% gravel) gravels to 1.5"-diameter.	SM		100	0.0	F-15-5	X
10	10.0' - 25.0': Silty SAND (60% sand, 30% fines, 10% gravel), very fine to medium grained sand, gravels to 1.5"-diameter, brown (10YR 5/3), medium dense, dry.	SM		100	0.0	F-15-10	X
15				100	0.0	F-15-15	X
20				100	0.0	F-15-20	X
25	25.0' - 30.0': Silty SAND with gravel (60% sand, 20% fines, 20% gravel), very fine to medium grained sand, gravels to 1.5"-diameter, brown (10YR 5/3), dense, dry.	SM		100	0.0	F-15-25	X
30	30.0' - 45.0': Color change to olive gray (5Y 5/2)	SM		100	0.0	F-15-30	X
35				100	0.0	F-15-35	X
40	@40.0': Brick debris	SM		100	0.8	F-15-40	X
45	45.0' - 50.0': Sandy SILT with gravel (60% fines, 20% sand, 20% gravel), very fine to medium grained sand, dark yellowish brown (10YR 4/4), very stiff, dry.	ML	▽	100	0.8	F-15-45	X
50	@50.0'-60': Wet, increased density to hard.	ML		100	1.0	F-15-50	X
55				100	0.0	F-15-55	X
60				100	0.0	F-15-60	X

Completion Information

Temporary Well Casing Diameter (in): NA
Temporary Well Screened Interval (ft bgs): NA
Boring Abandonment: Neat Cement Grout
Surface Seal: NA
Ground Surface Elevation (ft): NA
Surveyed Location: **X:** NA **Y:** NA

FARALLON CONSULTING

Log of Boring: F-16

Client: Orchard Partners
Project: Brisbane Quarry
Location: 1 Quarry Road, Brisbane, CA
Farallon PN: 1363-006-005
Logged By: J. DePriest
Reviewed By: S. Aguilar

Date/Time Started: 5/3/2023 0845
Date/Time Completed: 5/3/2023 0922
Drilling Company: Cascade Drilling
Drilling Method: Hand Auger
Drilling Equipment: Hand Auger
Drilling Operator: Arturo Sanchez
Sampler Type: Stainless Steel

Depth to Water ATD (ft bgs): NE
Boring Diameter (in): 3
Total Boring Depth (ft bgs): 2.5

Depth (ft bgs)	Sample Interval	Lithologic Description	USCS	USCS Graphic	Water Level	% Recovery	PID (ppmv)	Sample ID	Sample Analyzed
0		0.0' - 2.5': SILT with sand and gravel (50% fines, 25% sand, 25% gravel), very fine sands, gravels to 2"-diameter, yellowish brown (10YR 5/4), very stiff, dry.	ML			100	0.0	F-16-1	X
							0.0	F-16-2	X
		@2.5': Refusal due to bedrock.							

Completion Information

Temporary Well Casing Diameter (in): NA
Temporary Well Screened Interval (ft bgs): NA
Boring Abandonment: Neat Cement Grout
Surface Seal: NA
Ground Surface Elevation (ft): NA
Surveyed Location: **X:** NA **Y:** NA

FARALLON CONSULTING

Log of Boring: F-17

Client:	Orchard Partners
Project:	Brisbane Quarry
Location:	1 Quarry Road, Brisbane, CA
Farallon PN:	1363-006-005
Logged By:	L. Mosqueda
Reviewed By:	S. Aguilar

Date/Time Started:	5/2/2023 1335	**Depth to Water ATD (ft bgs):**	NE
Date/Time Completed:	5/2/2023 1440	**Boring Diameter (in):**	2.75, 2.25
Drilling Company:	Cascade Drilling	**Total Boring Depth (ft bgs):**	10'
Drilling Method:	Direct-Push		
Drilling Equipment:	Geoprobe 6610DT, Hand Auger		
Drilling Operator:	Juan Cervantes		
Sampler Type:	Acetate		

Depth (ft bgs)	Sample Interval	Lithologic Description	USCS	USCS Graphic	Water Level	% Recovery	PID (ppmv)	Sample ID	Sample Analyzed
0		0.0' - 4.0': Silty SAND with gravel (60% sand, 20% fines, 20% gravel) fine to coarse sand and gravel, loose, brown 10YR 4/3, moist, no odor. Hand augered to 5.0' bgs to clear utilities.	SM				1.5 0.9 0.2 0.8		
		4.0' - 6.0' : Clayey SAND with gravel (50% sand, 35% fines, 15% gravel) brown, fine to coarse sand and gravel, moist, no odor	SC				1.5		
5						100	1.0	F-17-5.0'	X
		6.0' - 10.0': Clayey SAND with gravel (60% sand, 20% fines, 20% gravel) fine to coarse sand and gravel, loose, brown 10YR 4/3, moist, no odor.	SC				1.7 1.2 1.2 1.3		
10								F-17-10.0'	X

Completion Information

Temporary Well Casing Diameter (in):	NA	**Surface Seal:**	NA
Temporary Well Screened Interval (ft bgs):	NA	**Ground Surface Elevation (ft):**	NA
Boring Abandonment:	Neat Cement Grout	**Surveyed Location:** **X:** NA	**Y:** NA

FARALLON CONSULTING

Log of Boring: F-18

Client: Orchard Partners
Project: Brisbane Quarry
Location: 1 Quarry Road, Brisbane, CA
Farallon PN: 1363-006-005
Logged By: J. DePriest
Reviewed By: S. Aguilar

Date/Time Started: 5/2/2023 1320
Date/Time Completed: 5/2/2023 1620
Drilling Company: Cascade Drilling
Drilling Method: Hollow Stem Auger
Drilling Equipment: Geoprobe 3126GT
Drilling Operator: Arturo Sanchez
Sampler Type: Stainless Steel 18"

Depth to Water ATD (ft bgs): NE
Boring Diameter (in): 6
Total Boring Depth (ft bgs): 61

Depth (ft bgs)	Sample Interval	Lithologic Description	USCS	USCS Graphic	Water Level	% Recovery	PID (ppmv)	Sample ID	Sample Analyzed
0		0.0' - 15.0': SILT with sand (60% fines, 20% sand, 20% gravel), fine to coarse grained sand, gravels to 1"-diameter, brown (10YR 5/3), medium dense, dry. Hand augered to 5.0' bgs to clear for utilities.	ML			100	0.0	F-18-1	X
5							0.0	F-18-5	X
10						100	0.0	F-18-10	X
15		15.0' - 25.0' : SILT with sand and gravel (50% fines, 25% sand, 25% gravel), brown (10YR 5/3), fine to coarse grained sand, gravels to 1"-diameter, medium dense, dry.	ML			100	0.0	F-18-15	X
20		@20.0': Hard black rock	ML			100	0.0	F-18-20	X
25		25.0' - 35.0': Silty SAND (70% sand, 20% fines, 10% gravel), fine to coarse grained sand, gravels to 1"-diameter, dark gray (5Y 4/1), medium dense, dry.	SM			100	0.0	F-18-25	X
30						100	0.0	F-18-30	X
35		35.0' - 61.0': Poorly graded SAND (80% sand, 15% fines, 5% gravel), very fine grained sand, gravels to 0.5"-diameter, dark gray (5Y 4/1), medium dense, dry.	SP			100	0.0	F-18-35	X
40						100	0.0	F-18-40	X
45						100	0.0	F-18-45	X
50						100	0.0	F-18-50	X
55						100	0.0	F-18-55	X
60						100	0.0	F-18-60	X

Completion Information

Temporary Well Casing Diameter (in): NA
Temporary Well Screened Interval (ft bgs): NA
Boring Abandonment: Neat Cement Grout
Surface Seal: NA
Ground Surface Elevation (ft): NA
Surveyed Location: **X:** NA **Y:** NA

Log of Boring: F-19

Client:	Orchard Partners
Project:	Brisbane Quarry
Location:	1 Quarry Road, Brisbane, CA
Farallon PN:	1363-006-005
Logged By:	J. DePriest
Reviewed By:	S. Aguilar

Date/Time Started:	5/3/2023 1000	**Depth to Water ATD (ft bgs):**	NE
Date/Time Completed:	5/3/2023 1220	**Boring Diameter (in):**	6
Drilling Company:	Cascade Drilling	**Total Boring Depth (ft bgs):**	45
Drilling Method:	Hollow Stem Auger		
Drilling Equipment:	Geoprobe 3126GT		
Drilling Operator:	Arturo Sanchez		
Sampler Type:	Stainless Steel 18"		

Depth (ft bgs)	Lithologic Description	USCS	Water Level	% Recovery	PID (ppmv)	Sample ID	Sample Analyzed
0	0.0' - 10.0': Silty SAND (80% sand, 20% fines, trace gravel), very fine to coarse grained sand, gravels to 1"-diameter, dark brown (10YR 3/3), medium dense, moist. Hand augered to 5.0' bgs to clear for utilities.	SM		100	0.0	F-19-1	X
	@2.0': Dry.	SM					
5					0.0	F-19-5	X
				100			
10	10.0' - 45.0' : Silty SAND with gravel (60% sand, 20% gravel, 20% sand), gravels to 1"-diameter, very fine to coarse grained sand, dark brown (10YR 3/3), medium dense, dry.	SM			0.0	F-19-10	X
				100			
15	@15.0': White and gray rock debris.	SM			0.0	F-19-15	X
				100			
20	@20.0': Asphalt chunk.	SM			0.0	F-19-20	X
	@21.0': Brick debris.	SM		100			
25	@25.5': Asphaltic gravel.	SM			0.0	F-19-25	X
	@26.0': Large light yellow brown gravel 2.5"-diameter.	SM		100			
30	@29.5': Brick debris.	SM			0.0	F-19-30	X
				100			
35	@35.0' - 36.0': Brick debris.	SM			0.0	F-19-35	X
				100			
40	@40.0': Large rocks.	SM			0.0	F-19-40	X
				100			
45	@45.0': Refusal due to hard drilling.	SM			0.0	F-19-45	X

Completion Information

Temporary Well Casing Diameter (in):	NA	**Surface Seal:**	NA
Temporary Well Screened Interval (ft bgs):	NA	**Ground Surface Elevation (ft):**	NA
Boring Abandonment:	Neat Cement Grout	**Surveyed Location:**	**X:** NA **Y:** NA

FARALLON CONSULTING

Log of Boring: F-20

Client:	Orchard Partners
Project:	Brisbane Quarry
Location:	1 Quarry Road, Brisbane, CA
Farallon PN:	1363-006-005
Logged By:	L. Mosqueda
Reviewed By:	S. Aguilar

Date/Time Started:	5/2/2023 1300	**Depth to Water ATD (ft bgs):**	NE
Date/Time Completed:	5/2/2023 1420	**Boring Diameter (in):**	2.75, 2.25
Drilling Company:	Cascade Drilling	**Total Boring Depth (ft bgs):**	10'
Drilling Method:	Direct-Push		
Drilling Equipment:	Geoprobe 6610DT, Hand Auger		
Drilling Operator:	Juan Cervantes		
Sampler Type:	Acetate		

Depth (ft bgs)	Sample Interval	Lithologic Description	USCS	USCS Graphic	Water Level	% Recovery	PID (ppmv)	Sample ID	Sample Analyzed
0		0.0' - 2.0': Clayey SAND (60% sand, 30% fines, 10% gravel) 10YR 4/3 brown, loose, moist, no odor, fine to coarse sand and gravel. Hand augered to 5.0' bgs to clear utilities.	SC				2.9 2.9		
		2.0' - 5.0' : Clayey SAND with gravel (50% sand, 30% fines, 20% gravel) brown mottled with black, moist, no odor	SC				0.6 0.6 0.7		
5		5.0' - 7.0': Sandy lean CLAY (50% fines, 40% sand, 10% gravel) coarse gravel, fine to coarse sand, brown, mottled with black, soft, low plasticity, moist, no odor	CL			100	0.6 1.4	F-20-5.0'	X
		7.0' - 10.0': Clayey SAND (60% sand, 30% fines, 10% gravel) 10YR 4/3 brown, loose moist, no odor, fine to coarse sand and gravel	SC				2.6 4.9 13.9		
10								F-20-10.0'	X

Completion Information

Temporary Well Casing Diameter (in):	NA	**Surface Seal:**	NA
Temporary Well Screened Interval (ft bgs):	NA	**Ground Surface Elevation (ft):**	NA
Boring Abandonment:	Neat Cement Grout	**Surveyed Location:**	**X:** NA **Y:** NA

Log of Boring: F-21

Client: Orchard Partners
Project: Brisbane Quarry
Location: 1 Quarry Road, Brisbane, CA
Farallon PN: 1363-006-005
Logged By: J. DePriest
Reviewed By: S. Aguilar

Date/Time Started: 5/4/2023 0740
Date/Time Completed: 5/4/2023 0920
Drilling Company: Cascade Drilling
Drilling Method: Hollow Stem Auger
Drilling Equipment: Geoprobe 3126GT
Drilling Operator: Arturo Sanchez
Sampler Type: Stainless Steel 18"

Depth to Water ATD (ft bgs): NE
Boring Diameter (in): 6
Total Boring Depth (ft bgs): 31

Depth (ft bgs)	Lithologic Description	USCS	% Recovery	PID (ppmv)	Sample ID	Sample Analyzed
0	0.0' - 4.0': Poorly graded SAND (90% sand, 5 % fines, 5% gravel), very fine to medium grained sand, gravels to 0.5"-diameter, brown (10YR 4/3), loose, moist. Hand augered to 5.0' bgs to clear for utilities.	SP	100	0.0	F-21-1	X
	2.0': Dry.	SP				
5	4.0' - 15.0' : Gravelly SILT with sand (50% fines, 30% gravel, 20% sand), very fine to coarse grained sand, gravels to 0.5"-diameter, brown (10YR 4/3), hard, dry.	ML	100	0.0	F-21-5	X
10			100	0.0	F-21-10	X
15	15.0' - 20.0': Poorly graded SAND (70% sand, 15% fines, 15% gravel), fine grained sand, gravel to 0.5"-diameter, dark yellow brown (10YR 4/6), loose to medium dense, dry.	SP	100	0.0	F-21-15	X
20	20.0' - 31.0': Poorly graded SAND (95% sand, 5% fines), very fine grained sand, dark yellow brown (10YR 4/6), loose, dry.	SP	100	0.0	F-21-20	X
25			100	0.0	F-21-25	X
30			100	0.0	F-21-30	X

Completion Information

Temporary Well Casing Diameter (in): NA
Temporary Well Screened Interval (ft bgs): NA
Boring Abandonment: Neat Cement Grout
Surface Seal: NA
Ground Surface Elevation (ft): NA
Surveyed Location: **X:** NA **Y:** NA

FARALLON CONSULTING

Log of Boring: F-22

Client: Orchard Partners
Project: Brisbane Quarry
Location: 1 Quarry Road, Brisbane, CA
Farallon PN: 1363-006-005
Logged By: J. DePriest
Reviewed By: S. Aguilar

Date/Time Started:	5/4/2023 0950	**Depth to Water ATD (ft bgs):**	NE
Date/Time Completed:	5/4/2023 1200	**Boring Diameter (in):**	6
Drilling Company:	Cascade Drilling	**Total Boring Depth (ft bgs):**	31
Drilling Method:	Hollow Stem Auger		
Drilling Equipment:	Geoprobe 3126GT		
Drilling Operator:	Arturo Sanchez		
Sampler Type:	Stainless Steel 18"		

Depth (ft bgs)	Lithologic Description	USCS	Water Level	% Recovery	PID (ppmv)	Sample ID	Sample Analyzed
0	0.0' - 20.0': Poorly graded SAND with gravel (50% sand, 40% gravel, 10% fines), very fine to coarse grained sand, gravel to 1:-diameter, brown (10YR 4/4), medium dense, dry. Hand augered to 5.0' bgs to clear for utilities.	SP		100	0.0	F-22-1	X
	@1.5': Black asphalt.	SP					
5	@5.0': Asphalt.	SP		100	1.0	F-22-5	X
10	@10.0': Increased density to dense, dry.	SP		100	1.5	F-22-10	X
15				100	0.7	F-22-15	X
20	20.0' - 30.0' : Silty SAND with gravel (40% sand, 40% gravel, 20% fines), very fine to coarse grained sand, gravels to 1"-diameter, brown (10YR 4/4), dense, dry.	SM		100	0.0	F-22-20	X
25	@24.5': Brick debris.	SM		100	1.5	F-22-25	X
	@26.0' Large concrete rock.	SM					
30	@30.0': Large concrete rocks.	SM		100	12.2	F-22-30	X

Completion Information

Temporary Well Casing Diameter (in):	NA	**Surface Seal:**	NA
Temporary Well Screened Interval (ft bgs):	NA	**Ground Surface Elevation (ft):**	NA
Boring Abandonment:	Neat Cement Grout	**Surveyed Location:**	**X:** NA **Y:** NA

Log of Boring: F-23

Client: Orchard Partners
Project: Brisbane Quarry
Location: 1 Quarry Road, Brisbane, CA
Farallon PN: 1363-006-005
Logged By: J. DePriest
Reviewed By: S. Aguilar

Date/Time Started: 5/4/2023 1320
Date/Time Completed: 5/4/2023 1400
Drilling Company: Cascade Drilling
Drilling Method: Hand Auger
Drilling Equipment: Hand Auger
Drilling Operator: Arturo Sanchez
Sampler Type: Stainless Steel

Depth to Water ATD (ft bgs): NE
Boring Diameter (in): 3
Total Boring Depth (ft bgs): 2

Depth (ft bgs)	Sample Interval	Lithologic Description	USCS	USCS Graphic	Water Level	% Recovery	PID (ppmv)	Sample ID	Sample Analyzed
0		0.0' - 2.0': Silty GRAVEL with sand (50% gravel, 25% fines, 25% sand), very fine to coarse grained sands, gravelly debris, very stiff, dry, compacted concrete and asphalt.	GM			100	0.0	F-23-1	X
		@2.0': Refusal due to hard drilling.							

Completion Information

Temporary Well Casing Diameter (in): NA
Temporary Well Screened Interval (ft bgs): NA
Boring Abandonment: Neat Cement Grout
Surface Seal: NA
Ground Surface Elevation (ft): NA
Surveyed Location: **X:** NA **Y:** NA

Log of Boring: F-24

Client:	Orchard Partners
Project:	Brisbane Quarry
Location:	1 Quarry Road, Brisbane, CA
Farallon PN:	1363-006-005
Logged By:	J. DePriest
Reviewed By:	S. Aguilar

Date/Time Started:	5/4/2023 1450	**Depth to Water ATD (ft bgs):**	NE
Date/Time Completed:	5/5/2023 0820	**Boring Diameter (in):**	6
Drilling Company:	Cascade Drilling	**Total Boring Depth (ft bgs):**	21
Drilling Method:	Hollow Stem Auger		
Drilling Equipment:	Geoprobe 3126GT		
Drilling Operator:	Arturo Sanchez		
Sampler Type:	Stainless Steel 18"		

Depth (ft bgs)	Lithologic Description	USCS	% Recovery	PID (ppmv)	Sample ID	Sample Analyzed
0	0.0' - 21.0': Poorly graded SAND with gravel (50% sand, 30% gravel, 20% fines), fine to coarse grained sand, gravel to 1"-diameter, dark gray brown (10YR 4/2), very dense, dry. Hand augered to 5.0' bgs to clear for utilities.	SP	100	0.0	F-24-1	X
5	@5.0': Asphalt, debris, gravels.	SP	100	0.8	F-24-5	X
10	@10.0': Asphalt.	SP	100	0.8	F-24-10	X
15	@15.0': Color change to dark gray (10YR 4/1), moist.	SP	100	0.2	F-24-15	X
20	@20.0': Color change to dark gray brown (10YR 4/2).	SP		0.3	F-24-20	X

Completion Information

Temporary Well Casing Diameter (in):	NA	**Surface Seal:**	NA
Temporary Well Screened Interval (ft bgs):	NA	**Ground Surface Elevation (ft):**	NA
Boring Abandonment:	Neat Cement Grout	**Surveyed Location:**	**X:** NA **Y:** NA

FARALLON CONSULTING

Log of Boring: F-25

Client:	Orchard Partners	**Date/Time Started:**	5/4/2023 1300
Project:	Brisbane Quarry	**Date/Time Completed:**	5/4/2023 1325
Location:	1 Quarry Road, Brisbane, CA	**Drilling Company:**	Cascade Drilling
Farallon PN:	1363-006-005	**Drilling Method:**	Hand Auger
Logged By:	L. Mosqueda	**Drilling Equipment:**	Hand Auger
Reviewed By:	S. Aguilar	**Drilling Operator:**	Juan Cervantes
		Sampler Type:	NA
		Depth to Water ATD (ft bgs):	NE
		Boring Diameter (in):	2.25
		Total Boring Depth (ft bgs):	3.0'

Depth (ft bgs)	Sample Interval	Lithologic Description	USCS	USCS Graphic	Water Level	% Recovery	PID (ppmv)	Sample ID	Sample Analyzed
0		0.0' - 1.0': Silty SAND with gravel (40% sand 35% gravel, 25% fines) 7.5YR 5/1, gray, subangular gravel, fine to coarse gravel and sand, moist, no odor. Hand augered to 5.0' to clear utilities.	SM				373	F-25-0.5'	X
		1.0' - 3.0' : Silty GRAVEL with sand (40% gravel, 35% sand, 25% fines) 7.5YR 3/1 very dark gray, moist, fine subangular gravel, fine to coarse sand, no odor	GM			100	365		
							381	F-25-3.0'	X
5									
10									

Completion Information

Temporary Well Casing Diameter (in):	NA	**Surface Seal:**	NA
Temporary Well Screened Interval (ft bgs):	NA	**Ground Surface Elevation (ft):**	NA
Boring Abandonment:	Neat cement grout	**Surveyed Location:**	**X:** NA **Y:** NA

APPENDIX D
LABORATORY ANALYTICAL REPORTS

ADDITIONAL ENVIRONMENTAL INVESTIGATION REPORT
1 Quarry Road
Brisbane, California

Farallon PN: 1363-006

Enthalpy Analytical
931 West Barkley Ave
Orange, CA 92868
(714) 771-6900

enthalpy.com

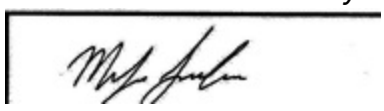
Lab Job Number: 484277
Report Level: II
Report Date: 05/09/2023

Analytical Report *prepared for:*

Peter Sims
Farallon Consulting
330 Franklin Street
Suite 200
Oakland, CA 94612

Project: 1363-005-006 - Brisbane Quarry

Authorized for release by:



Miguel Gamboa, Project Coordinator
miguel.gamboa@enthalpy.com

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 above signature which applies to this PDF file as well as any associated electronic data deliverable files. The results contained in this report meet all requirements of NELAP and pertain only to those samples which were submitted for analysis. This report may be reproduced only in its entirety.

CA ELAP# 1338, NELAP# 4038, SCAQMD LAP# 18LA0518, LACSD ID# 10105

ENTHALPY ANALYTICAL

Sample Summary

Peter Sims
Farallon Consulting
330 Franklin Street
Suite 200
Oakland, CA 94612

Lab Job #:	484277
Project No:	1363-005-006
Location:	Brisbane Quarry
Date Received:	05/01/23

Sample ID	Lab ID	Collected	Matrix
F-5-1.0	484277-001	05/01/23 09:00	Soil
F-5-GW	484277-002	05/01/23 09:25	Water
F-10-1.0	484277-003	05/01/23 10:50	Soil
F-10-3.0	484277-004	05/01/23 10:59	Soil
F-10-5.0	484277-005	05/01/23 11:14	Soil
F-11-1.0	484277-006	05/01/23 12:58	Soil
F-11-3.0	484277-007	05/01/23 13:02	Soil
F-11-5.0	484277-008	05/01/23 13:07	Soil

ENTHALPY ANALYTICAL

Case Narrative

Farallon Consulting	Lab Job Number: 484277
330 Franklin Street	Project No: 1363-005-006
Suite 200	Location: Brisbane Quarry
Oakland, CA 94612	Date Received: 05/01/23
Peter Sims	

This data package contains sample and QC results for five soil samples and one water sample, requested for the above referenced project on 05/01/23. The samples were received cold and intact.

TPH-Purgeables and/or BTXE by GC (EPA 8015B) Water:
No analytical problems were encountered.

TPH-Purgeables and/or BTXE by GC (EPA 8015B) Soil:
No analytical problems were encountered.

TPH-Extractables by GC (EPA 8015B) Water:
No analytical problems were encountered.

TPH-Extractables by GC (EPA 8015M) Soil:

- F-5-1.0 (lab # 484277-001) was diluted due to the dark and viscous nature of the sample extract.
- No other analytical problems were encountered.

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.

Semivolatile Organics by GC/MS SIM (EPA 8270C-SIM):

- High response was observed for benzo(b)fluoranthene in the CCV analyzed 05/03/23 15:46; affected data was qualified with "b".
- F-11-1.0 (lab # 484277-006) was diluted due to the dark and viscous nature of the sample extract.
- No other analytical problems were encountered.

Metals (EPA 6010B and EPA 7471A):

- Low recoveries were observed for barium and antimony in the MS/MSD for batch 313021; the parent sample was not a project sample, the LCS was within limits, and the associated RPDs were within limits.
- No other analytical problems were encountered.

ENTHALPY ANALYTICAL

Chain of Custody Record — Lab No: 484277 — Page: 1 of 1

Turn Around Time (rush by advanced notice only)

Standard:	✓	5 Day:		3 Day:	
2 Day:		1 Day:		Custom TAT:	

Enthalpy Analytical - Berkeley
2323 5th Street, Berkeley, CA 94710
Phone 510-486-0900

Matrix: A = Air S = Soil/Solid W = Water DW = Drinking Wate SD = Sediment PP = Pure Product SEA = Sea Water SW = Swab T = Tissue WP = Wipe O = Other

Preservatives: 1 = $Na_2S_2O_3$ 2 = HCl 3 = HNO_3 4 = H_2SO_4 5 = NaOH 6 = Other

Sample Receipt Temp: (lab use only)

CUSTOMER INFORMATION		PROJECT INFORMATION	
Company:	Farallon Consulting	Name:	Brisbane Quarry
Report To:	Peter Sims	Number:	1363-005-006
Email:	Psims@farallonconsulting.com	P.O. #:	
Address:	330 Franklin Street, Suite 200	Address:	1 Quarry Road
	Oakland, CA 94607		Brisbane, California 94005
Phone:	949-338-8317	Global ID:	
Fax:		Sampled By:	J DePriest/L. Mosqueda

	Sample ID	Sampling Date	Sampling Time	Matrix	Container No. / Size	Pres.	GRO by 8015M	DRO by 8015M	ORO by 8015M	VOCs by 8260B	SVOCs by 8270	PAHs by 8270	OCPs by 8081	PCBs by 8082	Title 22 Metals by 6010D/7471	Silica by 6010D	pH by 9045D	Asbestos by CARB 435	HOLD FOR ANALYSIS	Test Instructions / Comments
1	F-5-1.0	5/1/23	0900	Soil	5, 4oz, 16oz VOA	None	✓	✓	✓	✓					✓					
2	F-5-GW		0925	GW	4, 1L Amber, 3 VOA	HCl	✓	✓	✓	✓										
3	F-10-1.0		1050	Soil	5, 16oz, VOA	MeOH	✓	✓	✓	✓		✓								
4	F-10-3.0		1059	Soil	5, 16oz, VOA	MeOH	✓	✓	✓	✓		✓								
5	F-10-5.0		1114	Soil	5, 16oz, VOA	MeOH													✓	
6	F-11-1.0		1258	Soil	5, 16oz, VOA	MeOH	✓	✓	✓	✓		✓								
7	F-11-3.0		1302	Soil	5, 16oz, VOA	MeOH	✓	✓	✓	✓		✓								
8	F-11-5.0		1307	Soil	5, 16oz, VOA	MeOH													✓	
9	~~LM F-09-1.0 F-9-10~~						✓	✓	✓	✓		✓			✓					
10	~~LM F-9-3.0~~						✓	✓	✓	✓		✓								

	Signature	Print Name	Company / Title	Date / Time
1 Relinquished By:	Jason Mosqueda	L. Mosqueda	Farallon Consulting, Staff Geologist	05/01/2023 / 14:10
1 Received By:	Audrey Hudson	AUDREY HUDSON	~~AUDREY ENTHALPY~~	5/1/23 14:10
2 Relinquished By:	Audrey Hudson	"	"	5/1/23 15:37
2 Received By:		Mcmillan Lab	BA	5/1/23 15:37
3 Relinquished By:		Jak Peterson	Enthalpy	5.1.23 16:57
3 Received By:		FEDEX	EA	5/2/23 0915

SAMPLE RECEIPT CHECKLIST

Section 1: Login # 484277 Client: Farallon

Date Received: 5/1/23 Project: _____

ENTHALPY

Section 2: Shipping info (if applicable) _____

Are custody seals present? ☑ No, or ☐ Yes. If yes, where? ☐ on cooler, ☐ on samples, ☐ on package

☐ Date: _____ How many _____ ☐ Signature, ☐ Initials, ☐ None

Were custody seals intact upon arrival? ☐ Yes ☐ No ☐ N/A

Samples received in a cooler? ☑ Yes, how many? 2 (1 & 2) ☐ No **(skip Section 3 below)**

If no cooler Sample Temp (°C): _____ using IR Gun # ☐ B, or ☐ C

☑ Samples received on ice directly from the field. Cooling process had begun

If in cooler: Date Opened 5/1/23 By (print) MM (sign) _____

Section 3: ***Important*: Notify PM if temperature exceeds 6°C or arrive frozen.**

Packing in cooler: (if other, describe) _____

☐ Bubble Wrap, ☐ Foam blocks, ☑ Bags, ☐ None, ☐ Cloth material, ☐ Cardboard, ☐ Styrofoam, ☐ Paper towels

☑ Samples received on ice directly from the field. Cooling process had begun

Type of ice used : ☑ Wet, ☐ Blue/Gel, ☐ None Temperature blank(s) included? ☑ Yes, ☐ No

Temperature measured using ☐ Thermometer ID: _____, or IR Gun # ☐ B ☐ C

Cooler Temp (°C): #1: _____, #2: _____, #3: _____, #4: _____, #5: _____, #6: _____, #7: _____

Section 4:	YES	NO	N/A
Were custody papers dry, filled out properly, and the project identifiable	✓		
Were Method 5035 sampling containers present?	✓		
If YES, what time were they transferred to freezer? _____			
Did all bottles arrive unbroken/unopened?	✓		
Are there any missing / extra samples?		✓	
Are samples in the appropriate containers for indicated tests?	✓		
Are sample labels present, in good condition and complete?	✓		
Does the container count match the COC?	✓		
Do the sample labels agree with custody papers?	✓		
Was sufficient amount of sample sent for tests requested?	✓		
Did you change the hold time in LIMS for unpreserved VOAs?			✓
Did you change the hold time in LIMS for preserved terracores?		✓	
Are bubbles > 6mm present in VOA samples?			
Was the client contacted concerning this sample delivery?		✓	
If YES, who was called? _____ By _____ Date: _____			

Section 5:	YES	NO	N/A
Are the samples appropriately preserved? (if N/A, skip the rest of section 5)			
Did you check preservatives for all bottles for each sample?			
Did you document your preservative check?			

pH strip lot# _____, pH strip lot# _____, pH strip lot# _____

Preservative added:

☐ H2SO4 lot# _____ added to samples _____ on/at _____

☐ HCL lot# _____ added to samples _____ on/at _____

☐ HNO3 lot# _____ added to samples _____ on/at _____

☐ NaOH lot# _____ added to samples _____ on/at _____

Section 6:

Explanations/Comments: _____

Date Logged in 5/1/23 **By (print)** MM **(sign)** _____

Date Labeled 5.1.23 **By (print)** JJP **(sign)** _____

ENTHALPY ANALYTICAL

484277

SAMPLE ACCEPTANCE CHECKLIST

Section 1

Client: Farallon Consulting Project: Brisbane Quarry

Date Received: 5/2/23 Sampler's Name Present: [X] Yes [ ] No

Section 2

Sample(s) received in a cooler? [X] Yes, How many? 1 [ ] No (skip section 2) Sample Temp (°C) (No Cooler): _____

Sample Temp (°C), One from each cooler: #1: 4.5 #2: _____ #3: _____ #4: _____

(Acceptance range is < 6°C but not frozen (for Microbiology samples, acceptance range is < 10°C but not frozen). It is acceptable for samples collected the same day as sample receipt to have a higher temperature as long as there is evidence that cooling has begun.)

Shipping Information: Southwest Airlines

Section 3

Was the cooler packed with: [X] Ice [X] Ice Packs [ ] Bubble Wrap [ ] Styrofoam [ ] Paper [ ] None [ ] Other _____

Cooler Temp (°C): #1: 1.3 #2: _____ #3: _____ #4: _____

Section 4	YES	NO	N/A
Was a COC received?	X		
Are sample IDs present?	X		
Are sampling dates & times present?	X		
Is a relinquished signature present?	X		
Are the tests required clearly indicated on the COC?	X		
Are custody seals present?	X		
If custody seals are present, were they intact?	X		
Are all samples sealed in plastic bags? (Recommended for Microbiology samples)			X
Did all samples arrive intact? If no, indicate in Section 4 below.	X		
Did all bottle labels agree with COC? (ID, dates and times)	X		
Were the samples collected in the correct containers for the required tests?	X		
Are the containers labeled with the correct preservatives?	X		
Is there headspace in the VOA vials greater than 5-6 mm in diameter?		X	X AS 5/2/23
Was a sufficient amount of sample submitted for the requested tests?	X		

Section 5 Explanations/Comments

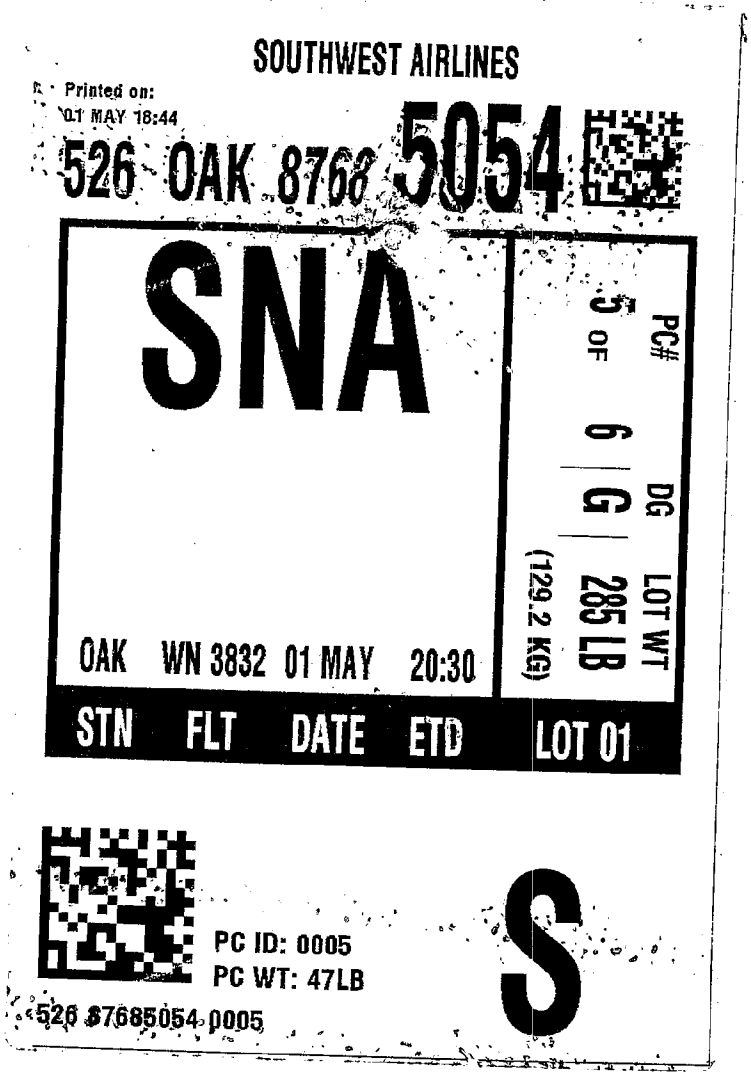
Section 6

For discrepancies, how was the Project Manager notified? [ ] Verbal PM Initials: _____ Date/Time _____

[ ] Email (email sent to/on): _____ / _____

Project Manager's response:

Completed By: _____ Date: MAY 02 2023


SOUTHWEST AIRLINES
Printed on:
01 MAY 18:44
526 OAK 8768 5054
SNA
PC# 5 OF 6
DG G
LOT WT 285 LB (129.2 KG)
OAK WN 3832 01 MAY 20:30
STN FLT DATE ETD
LOT 01
PC ID: 0005
PC WT: 47LB
526 87685054 0005
S

1.3/4.5

ENTHALPY ANALYTICAL

Analysis Results for 484277

Peter Sims
Farallon Consulting
330 Franklin Street
Suite 200
Oakland, CA 94612

Lab Job #: 484277
Project No: 1363-005-006
Location: Brisbane Quarry
Date Received: 05/01/23

Sample ID: F-5-1.0 **Lab ID: 484277-001** **Collected: 05/01/23 09:00**
Matrix: Soil

484277-001 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 6010B Prep Method: EPA 3050B									
Antimony	ND		mg/Kg	2.9	0.95	313021	05/02/23	05/03/23	SBW
Arsenic	**4.6**		mg/Kg	0.95	0.95	313021	05/02/23	05/03/23	SBW
Barium	**67**		mg/Kg	0.95	0.95	313021	05/02/23	05/03/23	SBW
Beryllium	ND		mg/Kg	0.48	0.95	313021	05/02/23	05/03/23	SBW
Cadmium	ND		mg/Kg	0.48	0.95	313021	05/02/23	05/03/23	SBW
Chromium	**28**		mg/Kg	0.95	0.95	313021	05/02/23	05/03/23	SBW
Cobalt	**8.9**		mg/Kg	0.48	0.95	313021	05/02/23	05/03/23	SBW
Copper	**19**		mg/Kg	0.95	0.95	313021	05/02/23	05/03/23	SBW
Lead	**12**		mg/Kg	0.95	0.95	313021	05/02/23	05/03/23	SBW
Molybdenum	**2.2**		mg/Kg	0.95	0.95	313021	05/02/23	05/03/23	SBW
Nickel	**32**		mg/Kg	0.95	0.95	313021	05/02/23	05/03/23	SBW
Selenium	ND		mg/Kg	2.9	0.95	313021	05/02/23	05/03/23	SBW
Silver	ND		mg/Kg	0.48	0.95	313021	05/02/23	05/03/23	SBW
Thallium	ND		mg/Kg	2.9	0.95	313021	05/02/23	05/03/23	SBW
Vanadium	**51**		mg/Kg	0.95	0.95	313021	05/02/23	05/03/23	SBW
Zinc	**43**		mg/Kg	4.8	0.95	313021	05/02/23	05/03/23	SBW
Method: EPA 7471A Prep Method: METHOD									
Mercury	ND		mg/Kg	0.14	1	313056	05/03/23	05/03/23	KAM
Method: EPA 8015B Prep Method: EPA 5035									
TPH Gasoline	ND		mg/Kg	2.3	0.76	313356	05/07/23	05/07/23	LYZ
Surrogates				**Limits**					
Bromofluorobenzene (FID)	71%		%REC	60-140	0.76	313356	05/07/23	05/07/23	LYZ
Method: EPA 8015M Prep Method: EPA 3580M									
DRO C10-C28	ND		mg/Kg	500	50	313053	05/03/23	05/06/23	TJW
ORO C28-C44	**2,300**		mg/Kg	1,000	50	313053	05/03/23	05/06/23	TJW
Surrogates				**Limits**					
n-Triacontane		DO	%REC	70-130	50	313053	05/03/23	05/06/23	TJW
Method: EPA 8260B Prep Method: EPA 5035									
Freon 12	ND		ug/Kg	4.0	0.79	313136	05/04/23	05/04/23	HMN
Chloromethane	ND		ug/Kg	4.0	0.79	313136	05/04/23	05/04/23	HMN

Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

Analysis Results for 484277

484277-001 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Vinyl Chloride	ND		ug/Kg	4.0	0.79	313136	05/04/23	05/04/23	HMN
Bromomethane	ND		ug/Kg	4.0	0.79	313136	05/04/23	05/04/23	HMN
Chloroethane	ND		ug/Kg	4.0	0.79	313136	05/04/23	05/04/23	HMN
Trichlorofluoromethane	ND		ug/Kg	4.0	0.79	313136	05/04/23	05/04/23	HMN
Acetone	ND		ug/Kg	79	0.79	313136	05/04/23	05/04/23	HMN
Freon 113	ND		ug/Kg	4.0	0.79	313136	05/04/23	05/04/23	HMN
1,1-Dichloroethene	ND		ug/Kg	4.0	0.79	313136	05/04/23	05/04/23	HMN
Methylene Chloride	ND		ug/Kg	4.0	0.79	313136	05/04/23	05/04/23	HMN
MTBE	ND		ug/Kg	4.0	0.79	313136	05/04/23	05/04/23	HMN
trans-1,2-Dichloroethene	ND		ug/Kg	4.0	0.79	313136	05/04/23	05/04/23	HMN
1,1-Dichloroethane	ND		ug/Kg	4.0	0.79	313136	05/04/23	05/04/23	HMN
2-Butanone	ND		ug/Kg	79	0.79	313136	05/04/23	05/04/23	HMN
cis-1,2-Dichloroethene	ND		ug/Kg	4.0	0.79	313136	05/04/23	05/04/23	HMN
2,2-Dichloropropane	ND		ug/Kg	4.0	0.79	313136	05/04/23	05/04/23	HMN
Chloroform	ND		ug/Kg	4.0	0.79	313136	05/04/23	05/04/23	HMN
Bromochloromethane	ND		ug/Kg	4.0	0.79	313136	05/04/23	05/04/23	HMN
1,1,1-Trichloroethane	ND		ug/Kg	4.0	0.79	313136	05/04/23	05/04/23	HMN
1,1-Dichloropropene	ND		ug/Kg	4.0	0.79	313136	05/04/23	05/04/23	HMN
Carbon Tetrachloride	ND		ug/Kg	4.0	0.79	313136	05/04/23	05/04/23	HMN
1,2-Dichloroethane	ND		ug/Kg	4.0	0.79	313136	05/04/23	05/04/23	HMN
Benzene	ND		ug/Kg	4.0	0.79	313136	05/04/23	05/04/23	HMN
Trichloroethene	ND		ug/Kg	4.0	0.79	313136	05/04/23	05/04/23	HMN
1,2-Dichloropropane	ND		ug/Kg	4.0	0.79	313136	05/04/23	05/04/23	HMN
Bromodichloromethane	ND		ug/Kg	4.0	0.79	313136	05/04/23	05/04/23	HMN
Dibromomethane	ND		ug/Kg	4.0	0.79	313136	05/04/23	05/04/23	HMN
4-Methyl-2-Pentanone	ND		ug/Kg	4.0	0.79	313136	05/04/23	05/04/23	HMN
cis-1,3-Dichloropropene	ND		ug/Kg	4.0	0.79	313136	05/04/23	05/04/23	HMN
Toluene	ND		ug/Kg	4.0	0.79	313136	05/04/23	05/04/23	HMN
trans-1,3-Dichloropropene	ND		ug/Kg	4.0	0.79	313136	05/04/23	05/04/23	HMN
1,1,2-Trichloroethane	ND		ug/Kg	4.0	0.79	313136	05/04/23	05/04/23	HMN
1,3-Dichloropropane	ND		ug/Kg	4.0	0.79	313136	05/04/23	05/04/23	HMN
Tetrachloroethene	ND		ug/Kg	4.0	0.79	313136	05/04/23	05/04/23	HMN
Dibromochloromethane	ND		ug/Kg	4.0	0.79	313136	05/04/23	05/04/23	HMN
1,2-Dibromoethane	ND		ug/Kg	4.0	0.79	313136	05/04/23	05/04/23	HMN
Chlorobenzene	ND		ug/Kg	4.0	0.79	313136	05/04/23	05/04/23	HMN
1,1,1,2-Tetrachloroethane	ND		ug/Kg	4.0	0.79	313136	05/04/23	05/04/23	HMN
Ethylbenzene	ND		ug/Kg	4.0	0.79	313136	05/04/23	05/04/23	HMN
m,p-Xylenes	ND		ug/Kg	7.9	0.79	313136	05/04/23	05/04/23	HMN
o-Xylene	ND		ug/Kg	4.0	0.79	313136	05/04/23	05/04/23	HMN
Styrene	ND		ug/Kg	4.0	0.79	313136	05/04/23	05/04/23	HMN
Bromoform	ND		ug/Kg	4.0	0.79	313136	05/04/23	05/04/23	HMN
Isopropylbenzene	ND		ug/Kg	4.0	0.79	313136	05/04/23	05/04/23	HMN
1,1,2,2-Tetrachloroethane	ND		ug/Kg	4.0	0.79	313136	05/04/23	05/04/23	HMN
1,2,3-Trichloropropane	ND		ug/Kg	4.0	0.79	313136	05/04/23	05/04/23	HMN
Propylbenzene	ND		ug/Kg	4.0	0.79	313136	05/04/23	05/04/23	HMN
Bromobenzene	ND		ug/Kg	4.0	0.79	313136	05/04/23	05/04/23	HMN

Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

Analysis Results for 484277

484277-001 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
1,3,5-Trimethylbenzene	ND		ug/Kg	4.0	0.79	313136	05/04/23	05/04/23	HMN
2-Chlorotoluene	ND		ug/Kg	4.0	0.79	313136	05/04/23	05/04/23	HMN
4-Chlorotoluene	ND		ug/Kg	4.0	0.79	313136	05/04/23	05/04/23	HMN
tert-Butylbenzene	ND		ug/Kg	4.0	0.79	313136	05/04/23	05/04/23	HMN
1,2,4-Trimethylbenzene	ND		ug/Kg	4.0	0.79	313136	05/04/23	05/04/23	HMN
sec-Butylbenzene	ND		ug/Kg	4.0	0.79	313136	05/04/23	05/04/23	HMN
para-Isopropyl Toluene	ND		ug/Kg	4.0	0.79	313136	05/04/23	05/04/23	HMN
1,3-Dichlorobenzene	ND		ug/Kg	4.0	0.79	313136	05/04/23	05/04/23	HMN
1,4-Dichlorobenzene	ND		ug/Kg	4.0	0.79	313136	05/04/23	05/04/23	HMN
n-Butylbenzene	ND		ug/Kg	4.0	0.79	313136	05/04/23	05/04/23	HMN
1,2-Dichlorobenzene	ND		ug/Kg	4.0	0.79	313136	05/04/23	05/04/23	HMN
1,2-Dibromo-3-Chloropropane	ND		ug/Kg	4.0	0.79	313136	05/04/23	05/04/23	HMN
1,2,4-Trichlorobenzene	ND		ug/Kg	4.0	0.79	313136	05/04/23	05/04/23	HMN
Hexachlorobutadiene	ND		ug/Kg	4.0	0.79	313136	05/04/23	05/04/23	HMN
Naphthalene	ND		ug/Kg	4.0	0.79	313136	05/04/23	05/04/23	HMN
1,2,3-Trichlorobenzene	ND		ug/Kg	4.0	0.79	313136	05/04/23	05/04/23	HMN
Surrogates				**Limits**					
Dibromofluoromethane	101%		%REC	70-145	0.79	313136	05/04/23	05/04/23	HMN
1,2-Dichloroethane-d4	101%		%REC	70-145	0.79	313136	05/04/23	05/04/23	HMN
Toluene-d8	101%		%REC	70-145	0.79	313136	05/04/23	05/04/23	HMN
Bromofluorobenzene	111%		%REC	70-145	0.79	313136	05/04/23	05/04/23	HMN

Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

Analysis Results for 484277

Sample ID: F-5-GW	Lab ID: 484277-002	Collected: 05/01/23 09:25
	Matrix: Water	

484277-002 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 8015B Prep Method: EPA 5030B									
TPH Gasoline	ND		ug/L	50	1	313169	05/04/23	05/04/23	ILK
Surrogates				**Limits**					
Bromofluorobenzene (FID)	91%		%REC	60-140	1	313169	05/04/23	05/04/23	ILK
Method: EPA 8015B Prep Method: EPA 3510C									
Diesel C10-C28	**250**		ug/L	93	0.93	313005	05/02/23	05/08/23	BJG
ORO C28-C44	ND		mg/L	0.28	0.93	313005	05/02/23	05/08/23	BJG
Surrogates				**Limits**					
n-Triacontane	63%		%REC	35-130	0.93	313005	05/02/23	05/08/23	BJG
Method: EPA 8260B Prep Method: EPA 5030B									
Freon 12	ND		ug/L	0.5	1	313256	05/05/23	05/05/23	EJB
Chloromethane	ND		ug/L	0.5	1	313256	05/05/23	05/05/23	EJB
Vinyl Chloride	ND		ug/L	0.5	1	313256	05/05/23	05/05/23	EJB
Bromomethane	ND		ug/L	1.0	1	313256	05/05/23	05/05/23	EJB
Chloroethane	ND		ug/L	0.5	1	313256	05/05/23	05/05/23	EJB
Trichlorofluoromethane	ND		ug/L	0.5	1	313256	05/05/23	05/05/23	EJB
Acetone	ND		ug/L	20	1	313256	05/05/23	05/05/23	EJB
Freon 113	ND		ug/L	0.5	1	313256	05/05/23	05/05/23	EJB
1,1-Dichloroethene	ND		ug/L	0.5	1	313256	05/05/23	05/05/23	EJB
Methylene Chloride	ND		ug/L	10	1	313256	05/05/23	05/05/23	EJB
MTBE	ND		ug/L	0.5	1	313256	05/05/23	05/05/23	EJB
trans-1,2-Dichloroethene	ND		ug/L	0.5	1	313256	05/05/23	05/05/23	EJB
1,1-Dichloroethane	ND		ug/L	0.5	1	313256	05/05/23	05/05/23	EJB
2-Butanone	ND		ug/L	5.0	1	313256	05/05/23	05/05/23	EJB
cis-1,2-Dichloroethene	ND		ug/L	0.5	1	313256	05/05/23	05/05/23	EJB
2,2-Dichloropropane	ND		ug/L	0.5	1	313256	05/05/23	05/05/23	EJB
Chloroform	ND		ug/L	0.5	1	313256	05/05/23	05/05/23	EJB
Bromochloromethane	ND		ug/L	0.5	1	313256	05/05/23	05/05/23	EJB
1,1,1-Trichloroethane	ND		ug/L	0.5	1	313256	05/05/23	05/05/23	EJB
1,1-Dichloropropene	ND		ug/L	0.5	1	313256	05/05/23	05/05/23	EJB
Carbon Tetrachloride	ND		ug/L	0.5	1	313256	05/05/23	05/05/23	EJB
1,2-Dichloroethane	ND		ug/L	0.5	1	313256	05/05/23	05/05/23	EJB
Benzene	ND		ug/L	0.5	1	313256	05/05/23	05/05/23	EJB
Trichloroethene	ND		ug/L	0.5	1	313256	05/05/23	05/05/23	EJB
1,2-Dichloropropane	ND		ug/L	0.5	1	313256	05/05/23	05/05/23	EJB
Bromodichloromethane	ND		ug/L	0.5	1	313256	05/05/23	05/05/23	EJB
Dibromomethane	ND		ug/L	0.5	1	313256	05/05/23	05/05/23	EJB
4-Methyl-2-Pentanone	ND		ug/L	5.0	1	313256	05/05/23	05/05/23	EJB
cis-1,3-Dichloropropene	ND		ug/L	0.5	1	313256	05/05/23	05/05/23	EJB

Results for any subcontracted analyses are not included in this section.

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Analysis Results for 484277

484277-002 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Toluene	ND		ug/L	0.5	1	313256	05/05/23	05/05/23	EJB
trans-1,3-Dichloropropene	ND		ug/L	0.5	1	313256	05/05/23	05/05/23	EJB
1,1,2-Trichloroethane	ND		ug/L	0.5	1	313256	05/05/23	05/05/23	EJB
1,3-Dichloropropane	ND		ug/L	0.5	1	313256	05/05/23	05/05/23	EJB
Tetrachloroethene	ND		ug/L	0.5	1	313256	05/05/23	05/05/23	EJB
Dibromochloromethane	ND		ug/L	0.5	1	313256	05/05/23	05/05/23	EJB
1,2-Dibromoethane	ND		ug/L	0.5	1	313256	05/05/23	05/05/23	EJB
Chlorobenzene	ND		ug/L	0.5	1	313256	05/05/23	05/05/23	EJB
1,1,1,2-Tetrachloroethane	ND		ug/L	0.5	1	313256	05/05/23	05/05/23	EJB
Ethylbenzene	ND		ug/L	0.5	1	313256	05/05/23	05/05/23	EJB
m,p-Xylenes	ND		ug/L	1.0	1	313256	05/05/23	05/05/23	EJB
o-Xylene	ND		ug/L	0.5	1	313256	05/05/23	05/05/23	EJB
Styrene	ND		ug/L	0.5	1	313256	05/05/23	05/05/23	EJB
Bromoform	ND		ug/L	1.0	1	313256	05/05/23	05/05/23	EJB
Propylbenzene	ND		ug/L	0.5	1	313256	05/05/23	05/05/23	EJB
Isopropylbenzene	ND		ug/L	0.5	1	313256	05/05/23	05/05/23	EJB
1,1,2,2-Tetrachloroethane	ND		ug/L	0.5	1	313256	05/05/23	05/05/23	EJB
1,2,3-Trichloropropane	ND		ug/L	0.5	1	313256	05/05/23	05/05/23	EJB
Bromobenzene	ND		ug/L	1.0	1	313256	05/05/23	05/05/23	EJB
1,3,5-Trimethylbenzene	ND		ug/L	0.5	1	313256	05/05/23	05/05/23	EJB
2-Chlorotoluene	ND		ug/L	0.5	1	313256	05/05/23	05/05/23	EJB
4-Chlorotoluene	ND		ug/L	0.5	1	313256	05/05/23	05/05/23	EJB
tert-Butylbenzene	ND		ug/L	0.5	1	313256	05/05/23	05/05/23	EJB
1,2,4-Trimethylbenzene	ND		ug/L	0.5	1	313256	05/05/23	05/05/23	EJB
sec-Butylbenzene	ND		ug/L	0.5	1	313256	05/05/23	05/05/23	EJB
para-Isopropyl Toluene	ND		ug/L	0.5	1	313256	05/05/23	05/05/23	EJB
1,3-Dichlorobenzene	ND		ug/L	0.5	1	313256	05/05/23	05/05/23	EJB
1,4-Dichlorobenzene	ND		ug/L	0.5	1	313256	05/05/23	05/05/23	EJB
n-Butylbenzene	ND		ug/L	0.5	1	313256	05/05/23	05/05/23	EJB
1,2-Dichlorobenzene	ND		ug/L	0.5	1	313256	05/05/23	05/05/23	EJB
1,2-Dibromo-3-Chloropropane	ND		ug/L	2.0	1	313256	05/05/23	05/05/23	EJB
1,2,4-Trichlorobenzene	ND		ug/L	0.5	1	313256	05/05/23	05/05/23	EJB
Hexachlorobutadiene	ND		ug/L	2.0	1	313256	05/05/23	05/05/23	EJB
Naphthalene	ND		ug/L	2.0	1	313256	05/05/23	05/05/23	EJB
1,2,3-Trichlorobenzene	ND		ug/L	0.5	1	313256	05/05/23	05/05/23	EJB
Isopropyl Ether (DIPE)	ND		ug/L	0.5	1	313256	05/05/23	05/05/23	EJB
Ethyl tert-Butyl Ether (ETBE)	ND		ug/L	0.5	1	313256	05/05/23	05/05/23	EJB
tert-Butyl Alcohol (TBA)	ND		ug/L	10	1	313256	05/05/23	05/05/23	EJB
Methyl tert-Amyl Ether (TAME)	ND		ug/L	0.5	1	313256	05/05/23	05/05/23	EJB
Surrogates				**Limits**					
Dibromofluoromethane	115%		%REC	70-130	1	313256	05/05/23	05/05/23	EJB
1,2-Dichloroethane-d4	123%		%REC	70-130	1	313256	05/05/23	05/05/23	EJB
Toluene-d8	100%		%REC	70-130	1	313256	05/05/23	05/05/23	EJB
Bromofluorobenzene	103%		%REC	70-130	1	313256	05/05/23	05/05/23	EJB

Results for any subcontracted analyses are not included in this section.

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Analysis Results for 484277

Sample ID: F-10-1.0	Lab ID: 484277-003	Collected: 05/01/23 10:50
	Matrix: Soil	

484277-003 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 8015B Prep Method: EPA 5035									
TPH Gasoline	ND		mg/Kg	1.8	0.59	313356	05/07/23	05/07/23	LYZ
Surrogates				**Limits**					
Bromofluorobenzene (FID)	68%		%REC	60-140	0.59	313356	05/07/23	05/07/23	LYZ
Method: EPA 8015M Prep Method: EPA 3580M									
DRO C10-C28	**190**		mg/Kg	9.9	0.99	313053	05/03/23	05/06/23	TJW
ORO C28-C44	**51**		mg/Kg	20	0.99	313053	05/03/23	05/06/23	TJW
Surrogates				**Limits**					
n-Triacontane	85%		%REC	70-130	0.99	313053	05/03/23	05/06/23	TJW
Method: EPA 8260B Prep Method: EPA 5035									
Freon 12	ND		ug/Kg	4.0	0.79	313136	05/04/23	05/04/23	HMN
Chloromethane	ND		ug/Kg	4.0	0.79	313136	05/04/23	05/04/23	HMN
Vinyl Chloride	ND		ug/Kg	4.0	0.79	313136	05/04/23	05/04/23	HMN
Bromomethane	ND		ug/Kg	4.0	0.79	313136	05/04/23	05/04/23	HMN
Chloroethane	ND		ug/Kg	4.0	0.79	313136	05/04/23	05/04/23	HMN
Trichlorofluoromethane	ND		ug/Kg	4.0	0.79	313136	05/04/23	05/04/23	HMN
Acetone	ND		ug/Kg	79	0.79	313136	05/04/23	05/04/23	HMN
Freon 113	ND		ug/Kg	4.0	0.79	313136	05/04/23	05/04/23	HMN
1,1-Dichloroethene	ND		ug/Kg	4.0	0.79	313136	05/04/23	05/04/23	HMN
Methylene Chloride	ND		ug/Kg	4.0	0.79	313136	05/04/23	05/04/23	HMN
MTBE	ND		ug/Kg	4.0	0.79	313136	05/04/23	05/04/23	HMN
trans-1,2-Dichloroethene	ND		ug/Kg	4.0	0.79	313136	05/04/23	05/04/23	HMN
1,1-Dichloroethane	ND		ug/Kg	4.0	0.79	313136	05/04/23	05/04/23	HMN
2-Butanone	ND		ug/Kg	79	0.79	313136	05/04/23	05/04/23	HMN
cis-1,2-Dichloroethene	ND		ug/Kg	4.0	0.79	313136	05/04/23	05/04/23	HMN
2,2-Dichloropropane	ND		ug/Kg	4.0	0.79	313136	05/04/23	05/04/23	HMN
Chloroform	ND		ug/Kg	4.0	0.79	313136	05/04/23	05/04/23	HMN
Bromochloromethane	ND		ug/Kg	4.0	0.79	313136	05/04/23	05/04/23	HMN
1,1,1-Trichloroethane	ND		ug/Kg	4.0	0.79	313136	05/04/23	05/04/23	HMN
1,1-Dichloropropene	ND		ug/Kg	4.0	0.79	313136	05/04/23	05/04/23	HMN
Carbon Tetrachloride	ND		ug/Kg	4.0	0.79	313136	05/04/23	05/04/23	HMN
1,2-Dichloroethane	ND		ug/Kg	4.0	0.79	313136	05/04/23	05/04/23	HMN
Benzene	ND		ug/Kg	4.0	0.79	313136	05/04/23	05/04/23	HMN
Trichloroethene	ND		ug/Kg	4.0	0.79	313136	05/04/23	05/04/23	HMN
1,2-Dichloropropane	ND		ug/Kg	4.0	0.79	313136	05/04/23	05/04/23	HMN
Bromodichloromethane	ND		ug/Kg	4.0	0.79	313136	05/04/23	05/04/23	HMN
Dibromomethane	ND		ug/Kg	4.0	0.79	313136	05/04/23	05/04/23	HMN
4-Methyl-2-Pentanone	ND		ug/Kg	4.0	0.79	313136	05/04/23	05/04/23	HMN
cis-1,3-Dichloropropene	ND		ug/Kg	4.0	0.79	313136	05/04/23	05/04/23	HMN

Results for any subcontracted analyses are not included in this section.

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Analysis Results for 484277

484277-003 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Toluene	ND		ug/Kg	4.0	0.79	313136	05/04/23	05/04/23	HMN
trans-1,3-Dichloropropene	ND		ug/Kg	4.0	0.79	313136	05/04/23	05/04/23	HMN
1,1,2-Trichloroethane	ND		ug/Kg	4.0	0.79	313136	05/04/23	05/04/23	HMN
1,3-Dichloropropane	ND		ug/Kg	4.0	0.79	313136	05/04/23	05/04/23	HMN
Tetrachloroethene	ND		ug/Kg	4.0	0.79	313136	05/04/23	05/04/23	HMN
Dibromochloromethane	ND		ug/Kg	4.0	0.79	313136	05/04/23	05/04/23	HMN
1,2-Dibromoethane	ND		ug/Kg	4.0	0.79	313136	05/04/23	05/04/23	HMN
Chlorobenzene	ND		ug/Kg	4.0	0.79	313136	05/04/23	05/04/23	HMN
1,1,1,2-Tetrachloroethane	ND		ug/Kg	4.0	0.79	313136	05/04/23	05/04/23	HMN
Ethylbenzene	ND		ug/Kg	4.0	0.79	313136	05/04/23	05/04/23	HMN
m,p-Xylenes	ND		ug/Kg	7.9	0.79	313136	05/04/23	05/04/23	HMN
o-Xylene	ND		ug/Kg	4.0	0.79	313136	05/04/23	05/04/23	HMN
Styrene	ND		ug/Kg	4.0	0.79	313136	05/04/23	05/04/23	HMN
Bromoform	ND		ug/Kg	4.0	0.79	313136	05/04/23	05/04/23	HMN
Isopropylbenzene	ND		ug/Kg	4.0	0.79	313136	05/04/23	05/04/23	HMN
1,1,2,2-Tetrachloroethane	ND		ug/Kg	4.0	0.79	313136	05/04/23	05/04/23	HMN
1,2,3-Trichloropropane	ND		ug/Kg	4.0	0.79	313136	05/04/23	05/04/23	HMN
Propylbenzene	ND		ug/Kg	4.0	0.79	313136	05/04/23	05/04/23	HMN
Bromobenzene	ND		ug/Kg	4.0	0.79	313136	05/04/23	05/04/23	HMN
1,3,5-Trimethylbenzene	ND		ug/Kg	4.0	0.79	313136	05/04/23	05/04/23	HMN
2-Chlorotoluene	ND		ug/Kg	4.0	0.79	313136	05/04/23	05/04/23	HMN
4-Chlorotoluene	ND		ug/Kg	4.0	0.79	313136	05/04/23	05/04/23	HMN
tert-Butylbenzene	ND		ug/Kg	4.0	0.79	313136	05/04/23	05/04/23	HMN
1,2,4-Trimethylbenzene	ND		ug/Kg	4.0	0.79	313136	05/04/23	05/04/23	HMN
sec-Butylbenzene	ND		ug/Kg	4.0	0.79	313136	05/04/23	05/04/23	HMN
para-Isopropyl Toluene	ND		ug/Kg	4.0	0.79	313136	05/04/23	05/04/23	HMN
1,3-Dichlorobenzene	ND		ug/Kg	4.0	0.79	313136	05/04/23	05/04/23	HMN
1,4-Dichlorobenzene	ND		ug/Kg	4.0	0.79	313136	05/04/23	05/04/23	HMN
n-Butylbenzene	ND		ug/Kg	4.0	0.79	313136	05/04/23	05/04/23	HMN
1,2-Dichlorobenzene	ND		ug/Kg	4.0	0.79	313136	05/04/23	05/04/23	HMN
1,2-Dibromo-3-Chloropropane	ND		ug/Kg	4.0	0.79	313136	05/04/23	05/04/23	HMN
1,2,4-Trichlorobenzene	ND		ug/Kg	4.0	0.79	313136	05/04/23	05/04/23	HMN
Hexachlorobutadiene	ND		ug/Kg	4.0	0.79	313136	05/04/23	05/04/23	HMN
Naphthalene	ND		ug/Kg	4.0	0.79	313136	05/04/23	05/04/23	HMN
1,2,3-Trichlorobenzene	ND		ug/Kg	4.0	0.79	313136	05/04/23	05/04/23	HMN
Surrogates				**Limits**					
Dibromofluoromethane	101%		%REC	70-145	0.79	313136	05/04/23	05/04/23	HMN
1,2-Dichloroethane-d4	103%		%REC	70-145	0.79	313136	05/04/23	05/04/23	HMN
Toluene-d8	98%		%REC	70-145	0.79	313136	05/04/23	05/04/23	HMN
Bromofluorobenzene	102%		%REC	70-145	0.79	313136	05/04/23	05/04/23	HMN
Method: EPA 8270C-SIM Prep Method: EPA 3546									
1-Methylnaphthalene	**85**		ug/Kg	10	1	313064	05/03/23	05/03/23	VTN
2-Methylnaphthalene	**180**		ug/Kg	10	1	313064	05/03/23	05/03/23	VTN
Naphthalene	**71**		ug/Kg	10	1	313064	05/03/23	05/03/23	VTN
Acenaphthylene	ND		ug/Kg	10	1	313064	05/03/23	05/03/23	VTN

Results for any subcontracted analyses are not included in this section.

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Analysis Results for 484277

484277-003 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Acenaphthene	ND		ug/Kg	10	1	313064	05/03/23	05/03/23	VTN
Fluorene	ND		ug/Kg	10	1	313064	05/03/23	05/03/23	VTN
Phenanthrene	**31**		ug/Kg	10	1	313064	05/03/23	05/03/23	VTN
Anthracene	ND		ug/Kg	10	1	313064	05/03/23	05/03/23	VTN
Fluoranthene	ND		ug/Kg	10	1	313064	05/03/23	05/03/23	VTN
Pyrene	**14**		ug/Kg	10	1	313064	05/03/23	05/03/23	VTN
Benzo(a)anthracene	ND		ug/Kg	10	1	313064	05/03/23	05/03/23	VTN
Chrysene	ND		ug/Kg	10	1	313064	05/03/23	05/03/23	VTN
Benzo(b)fluoranthene	ND		ug/Kg	10	1	313064	05/03/23	05/03/23	VTN
Benzo(k)fluoranthene	ND		ug/Kg	10	1	313064	05/03/23	05/03/23	VTN
Benzo(a)pyrene	ND		ug/Kg	10	1	313064	05/03/23	05/03/23	VTN
Indeno(1,2,3-cd)pyrene	ND		ug/Kg	10	1	313064	05/03/23	05/03/23	VTN
Dibenz(a,h)anthracene	ND		ug/Kg	10	1	313064	05/03/23	05/03/23	VTN
Benzo(g,h,i)perylene	ND		ug/Kg	10	1	313064	05/03/23	05/03/23	VTN
Surrogates				**Limits**					
Nitrobenzene-d5	94%		%REC	27-125	1	313064	05/03/23	05/03/23	VTN
2-Fluorobiphenyl	80%		%REC	30-120	1	313064	05/03/23	05/03/23	VTN
Terphenyl-d14	82%		%REC	33-155	1	313064	05/03/23	05/03/23	VTN

Results for any subcontracted analyses are not included in this section.

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Analysis Results for 484277

Sample ID: F-10-3.0	Lab ID: 484277-004	Collected: 05/01/23 10:59
	Matrix: Soil	

484277-004 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 8015B Prep Method: EPA 5035									
TPH Gasoline	ND		mg/Kg	2.7	0.89	313356	05/07/23	05/07/23	LYZ
Surrogates				**Limits**					
Bromofluorobenzene (FID)	90%		%REC	60-140	0.89	313356	05/07/23	05/07/23	LYZ
Method: EPA 8015M Prep Method: EPA 3580M									
DRO C10-C28	**130**		mg/Kg	10	1	313053	05/03/23	05/06/23	TJW
ORO C28-C44	**64**		mg/Kg	20	1	313053	05/03/23	05/06/23	TJW
Surrogates				**Limits**					
n-Triacontane	83%		%REC	70-130	1	313053	05/03/23	05/06/23	TJW
Method: EPA 8260B Prep Method: EPA 5035									
Freon 12	ND		ug/Kg	3.8	0.75	313136	05/04/23	05/04/23	HMN
Chloromethane	ND		ug/Kg	3.8	0.75	313136	05/04/23	05/04/23	HMN
Vinyl Chloride	ND		ug/Kg	3.8	0.75	313136	05/04/23	05/04/23	HMN
Bromomethane	ND		ug/Kg	3.8	0.75	313136	05/04/23	05/04/23	HMN
Chloroethane	ND		ug/Kg	3.8	0.75	313136	05/04/23	05/04/23	HMN
Trichlorofluoromethane	ND		ug/Kg	3.8	0.75	313136	05/04/23	05/04/23	HMN
Acetone	ND		ug/Kg	75	0.75	313136	05/04/23	05/04/23	HMN
Freon 113	ND		ug/Kg	3.8	0.75	313136	05/04/23	05/04/23	HMN
1,1-Dichloroethene	ND		ug/Kg	3.8	0.75	313136	05/04/23	05/04/23	HMN
Methylene Chloride	ND		ug/Kg	3.8	0.75	313136	05/04/23	05/04/23	HMN
MTBE	ND		ug/Kg	3.8	0.75	313136	05/04/23	05/04/23	HMN
trans-1,2-Dichloroethene	ND		ug/Kg	3.8	0.75	313136	05/04/23	05/04/23	HMN
1,1-Dichloroethane	ND		ug/Kg	3.8	0.75	313136	05/04/23	05/04/23	HMN
2-Butanone	ND		ug/Kg	75	0.75	313136	05/04/23	05/04/23	HMN
cis-1,2-Dichloroethene	ND		ug/Kg	3.8	0.75	313136	05/04/23	05/04/23	HMN
2,2-Dichloropropane	ND		ug/Kg	3.8	0.75	313136	05/04/23	05/04/23	HMN
Chloroform	ND		ug/Kg	3.8	0.75	313136	05/04/23	05/04/23	HMN
Bromochloromethane	ND		ug/Kg	3.8	0.75	313136	05/04/23	05/04/23	HMN
1,1,1-Trichloroethane	ND		ug/Kg	3.8	0.75	313136	05/04/23	05/04/23	HMN
1,1-Dichloropropene	ND		ug/Kg	3.8	0.75	313136	05/04/23	05/04/23	HMN
Carbon Tetrachloride	ND		ug/Kg	3.8	0.75	313136	05/04/23	05/04/23	HMN
1,2-Dichloroethane	ND		ug/Kg	3.8	0.75	313136	05/04/23	05/04/23	HMN
Benzene	ND		ug/Kg	3.8	0.75	313136	05/04/23	05/04/23	HMN
Trichloroethene	ND		ug/Kg	3.8	0.75	313136	05/04/23	05/04/23	HMN
1,2-Dichloropropane	ND		ug/Kg	3.8	0.75	313136	05/04/23	05/04/23	HMN
Bromodichloromethane	ND		ug/Kg	3.8	0.75	313136	05/04/23	05/04/23	HMN
Dibromomethane	ND		ug/Kg	3.8	0.75	313136	05/04/23	05/04/23	HMN
4-Methyl-2-Pentanone	ND		ug/Kg	3.8	0.75	313136	05/04/23	05/04/23	HMN
cis-1,3-Dichloropropene	ND		ug/Kg	3.8	0.75	313136	05/04/23	05/04/23	HMN

Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

Analysis Results for 484277

484277-004 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Toluene	ND		ug/Kg	3.8	0.75	313136	05/04/23	05/04/23	HMN
trans-1,3-Dichloropropene	ND		ug/Kg	3.8	0.75	313136	05/04/23	05/04/23	HMN
1,1,2-Trichloroethane	ND		ug/Kg	3.8	0.75	313136	05/04/23	05/04/23	HMN
1,3-Dichloropropane	ND		ug/Kg	3.8	0.75	313136	05/04/23	05/04/23	HMN
Tetrachloroethene	ND		ug/Kg	3.8	0.75	313136	05/04/23	05/04/23	HMN
Dibromochloromethane	ND		ug/Kg	3.8	0.75	313136	05/04/23	05/04/23	HMN
1,2-Dibromoethane	ND		ug/Kg	3.8	0.75	313136	05/04/23	05/04/23	HMN
Chlorobenzene	ND		ug/Kg	3.8	0.75	313136	05/04/23	05/04/23	HMN
1,1,1,2-Tetrachloroethane	ND		ug/Kg	3.8	0.75	313136	05/04/23	05/04/23	HMN
Ethylbenzene	ND		ug/Kg	3.8	0.75	313136	05/04/23	05/04/23	HMN
m,p-Xylenes	ND		ug/Kg	7.5	0.75	313136	05/04/23	05/04/23	HMN
o-Xylene	ND		ug/Kg	3.8	0.75	313136	05/04/23	05/04/23	HMN
Styrene	ND		ug/Kg	3.8	0.75	313136	05/04/23	05/04/23	HMN
Bromoform	ND		ug/Kg	3.8	0.75	313136	05/04/23	05/04/23	HMN
Isopropylbenzene	ND		ug/Kg	3.8	0.75	313136	05/04/23	05/04/23	HMN
1,1,2,2-Tetrachloroethane	ND		ug/Kg	3.8	0.75	313136	05/04/23	05/04/23	HMN
1,2,3-Trichloropropane	ND		ug/Kg	3.8	0.75	313136	05/04/23	05/04/23	HMN
Propylbenzene	ND		ug/Kg	3.8	0.75	313136	05/04/23	05/04/23	HMN
Bromobenzene	ND		ug/Kg	3.8	0.75	313136	05/04/23	05/04/23	HMN
1,3,5-Trimethylbenzene	ND		ug/Kg	3.8	0.75	313136	05/04/23	05/04/23	HMN
2-Chlorotoluene	ND		ug/Kg	3.8	0.75	313136	05/04/23	05/04/23	HMN
4-Chlorotoluene	ND		ug/Kg	3.8	0.75	313136	05/04/23	05/04/23	HMN
tert-Butylbenzene	ND		ug/Kg	3.8	0.75	313136	05/04/23	05/04/23	HMN
1,2,4-Trimethylbenzene	ND		ug/Kg	3.8	0.75	313136	05/04/23	05/04/23	HMN
sec-Butylbenzene	ND		ug/Kg	3.8	0.75	313136	05/04/23	05/04/23	HMN
para-Isopropyl Toluene	ND		ug/Kg	3.8	0.75	313136	05/04/23	05/04/23	HMN
1,3-Dichlorobenzene	ND		ug/Kg	3.8	0.75	313136	05/04/23	05/04/23	HMN
1,4-Dichlorobenzene	ND		ug/Kg	3.8	0.75	313136	05/04/23	05/04/23	HMN
n-Butylbenzene	ND		ug/Kg	3.8	0.75	313136	05/04/23	05/04/23	HMN
1,2-Dichlorobenzene	ND		ug/Kg	3.8	0.75	313136	05/04/23	05/04/23	HMN
1,2-Dibromo-3-Chloropropane	ND		ug/Kg	3.8	0.75	313136	05/04/23	05/04/23	HMN
1,2,4-Trichlorobenzene	ND		ug/Kg	3.8	0.75	313136	05/04/23	05/04/23	HMN
Hexachlorobutadiene	ND		ug/Kg	3.8	0.75	313136	05/04/23	05/04/23	HMN
Naphthalene	ND		ug/Kg	3.8	0.75	313136	05/04/23	05/04/23	HMN
1,2,3-Trichlorobenzene	ND		ug/Kg	3.8	0.75	313136	05/04/23	05/04/23	HMN
Surrogates				**Limits**					
Dibromofluoromethane	102%		%REC	70-145	0.75	313136	05/04/23	05/04/23	HMN
1,2-Dichloroethane-d4	101%		%REC	70-145	0.75	313136	05/04/23	05/04/23	HMN
Toluene-d8	99%		%REC	70-145	0.75	313136	05/04/23	05/04/23	HMN
Bromofluorobenzene	100%		%REC	70-145	0.75	313136	05/04/23	05/04/23	HMN
Method: EPA 8270C-SIM Prep Method: EPA 3546									
1-Methylnaphthalene	**21**		ug/Kg	10	1	313064	05/03/23	05/03/23	VTN
2-Methylnaphthalene	**62**		ug/Kg	10	1	313064	05/03/23	05/03/23	VTN
Naphthalene	**23**		ug/Kg	10	1	313064	05/03/23	05/03/23	VTN
Acenaphthylene	ND		ug/Kg	10	1	313064	05/03/23	05/03/23	VTN

Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

Analysis Results for 484277

484277-004 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Acenaphthene	ND		ug/Kg	10	1	313064	05/03/23	05/03/23	VTN
Fluorene	ND		ug/Kg	10	1	313064	05/03/23	05/03/23	VTN
Phenanthrene	**28**		ug/Kg	10	1	313064	05/03/23	05/03/23	VTN
Anthracene	ND		ug/Kg	10	1	313064	05/03/23	05/03/23	VTN
Fluoranthene	ND		ug/Kg	10	1	313064	05/03/23	05/03/23	VTN
Pyrene	ND		ug/Kg	10	1	313064	05/03/23	05/03/23	VTN
Benzo(a)anthracene	ND		ug/Kg	10	1	313064	05/03/23	05/03/23	VTN
Chrysene	ND		ug/Kg	10	1	313064	05/03/23	05/03/23	VTN
Benzo(b)fluoranthene	ND		ug/Kg	10	1	313064	05/03/23	05/03/23	VTN
Benzo(k)fluoranthene	ND		ug/Kg	10	1	313064	05/03/23	05/03/23	VTN
Benzo(a)pyrene	ND		ug/Kg	10	1	313064	05/03/23	05/03/23	VTN
Indeno(1,2,3-cd)pyrene	ND		ug/Kg	10	1	313064	05/03/23	05/03/23	VTN
Dibenz(a,h)anthracene	ND		ug/Kg	10	1	313064	05/03/23	05/03/23	VTN
Benzo(g,h,i)perylene	ND		ug/Kg	10	1	313064	05/03/23	05/03/23	VTN
Surrogates				**Limits**					
Nitrobenzene-d5	99%		%REC	27-125	1	313064	05/03/23	05/03/23	VTN
2-Fluorobiphenyl	80%		%REC	30-120	1	313064	05/03/23	05/03/23	VTN
Terphenyl-d14	86%		%REC	33-155	1	313064	05/03/23	05/03/23	VTN

Results for any subcontracted analyses are not included in this section.

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Analysis Results for 484277

Sample ID: F-11-1.0	Lab ID: 484277-006	Collected: 05/01/23 12:58
	Matrix: Soil	

484277-006 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 8015B Prep Method: EPA 5035									
TPH Gasoline	ND		mg/Kg	2.1	0.72	313356	05/07/23	05/07/23	LYZ
Surrogates				**Limits**					
Bromofluorobenzene (FID)	80%		%REC	60-140	0.72	313356	05/07/23	05/07/23	LYZ
Method: EPA 8015M Prep Method: EPA 3580M									
DRO C10-C28	**54**		mg/Kg	10	1	313053	05/03/23	05/06/23	TJW
ORO C28-C44	**120**		mg/Kg	20	1	313053	05/03/23	05/06/23	TJW
Surrogates				**Limits**					
n-Triacontane	88%		%REC	70-130	1	313053	05/03/23	05/06/23	TJW
Method: EPA 8260B Prep Method: EPA 5035									
Freon 12	ND		ug/Kg	3.8	0.76	313136	05/04/23	05/04/23	HMN
Chloromethane	ND		ug/Kg	3.8	0.76	313136	05/04/23	05/04/23	HMN
Vinyl Chloride	ND		ug/Kg	3.8	0.76	313136	05/04/23	05/04/23	HMN
Bromomethane	ND		ug/Kg	3.8	0.76	313136	05/04/23	05/04/23	HMN
Chloroethane	ND		ug/Kg	3.8	0.76	313136	05/04/23	05/04/23	HMN
Trichlorofluoromethane	ND		ug/Kg	3.8	0.76	313136	05/04/23	05/04/23	HMN
Acetone	ND		ug/Kg	76	0.76	313136	05/04/23	05/04/23	HMN
Freon 113	ND		ug/Kg	3.8	0.76	313136	05/04/23	05/04/23	HMN
1,1-Dichloroethene	ND		ug/Kg	3.8	0.76	313136	05/04/23	05/04/23	HMN
Methylene Chloride	ND		ug/Kg	3.8	0.76	313136	05/04/23	05/04/23	HMN
MTBE	ND		ug/Kg	3.8	0.76	313136	05/04/23	05/04/23	HMN
trans-1,2-Dichloroethene	ND		ug/Kg	3.8	0.76	313136	05/04/23	05/04/23	HMN
1,1-Dichloroethane	ND		ug/Kg	3.8	0.76	313136	05/04/23	05/04/23	HMN
2-Butanone	ND		ug/Kg	76	0.76	313136	05/04/23	05/04/23	HMN
cis-1,2-Dichloroethene	ND		ug/Kg	3.8	0.76	313136	05/04/23	05/04/23	HMN
2,2-Dichloropropane	ND		ug/Kg	3.8	0.76	313136	05/04/23	05/04/23	HMN
Chloroform	ND		ug/Kg	3.8	0.76	313136	05/04/23	05/04/23	HMN
Bromochloromethane	ND		ug/Kg	3.8	0.76	313136	05/04/23	05/04/23	HMN
1,1,1-Trichloroethane	ND		ug/Kg	3.8	0.76	313136	05/04/23	05/04/23	HMN
1,1-Dichloropropene	ND		ug/Kg	3.8	0.76	313136	05/04/23	05/04/23	HMN
Carbon Tetrachloride	ND		ug/Kg	3.8	0.76	313136	05/04/23	05/04/23	HMN
1,2-Dichloroethane	ND		ug/Kg	3.8	0.76	313136	05/04/23	05/04/23	HMN
Benzene	ND		ug/Kg	3.8	0.76	313136	05/04/23	05/04/23	HMN
Trichloroethene	ND		ug/Kg	3.8	0.76	313136	05/04/23	05/04/23	HMN
1,2-Dichloropropane	ND		ug/Kg	3.8	0.76	313136	05/04/23	05/04/23	HMN
Bromodichloromethane	ND		ug/Kg	3.8	0.76	313136	05/04/23	05/04/23	HMN
Dibromomethane	ND		ug/Kg	3.8	0.76	313136	05/04/23	05/04/23	HMN
4-Methyl-2-Pentanone	ND		ug/Kg	3.8	0.76	313136	05/04/23	05/04/23	HMN
cis-1,3-Dichloropropene	ND		ug/Kg	3.8	0.76	313136	05/04/23	05/04/23	HMN

Results for any subcontracted analyses are not included in this section.

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Analysis Results for 484277

484277-006 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Toluene	ND		ug/Kg	3.8	0.76	313136	05/04/23	05/04/23	HMN
trans-1,3-Dichloropropene	ND		ug/Kg	3.8	0.76	313136	05/04/23	05/04/23	HMN
1,1,2-Trichloroethane	ND		ug/Kg	3.8	0.76	313136	05/04/23	05/04/23	HMN
1,3-Dichloropropane	ND		ug/Kg	3.8	0.76	313136	05/04/23	05/04/23	HMN
Tetrachloroethene	ND		ug/Kg	3.8	0.76	313136	05/04/23	05/04/23	HMN
Dibromochloromethane	ND		ug/Kg	3.8	0.76	313136	05/04/23	05/04/23	HMN
1,2-Dibromoethane	ND		ug/Kg	3.8	0.76	313136	05/04/23	05/04/23	HMN
Chlorobenzene	ND		ug/Kg	3.8	0.76	313136	05/04/23	05/04/23	HMN
1,1,1,2-Tetrachloroethane	ND		ug/Kg	3.8	0.76	313136	05/04/23	05/04/23	HMN
Ethylbenzene	ND		ug/Kg	3.8	0.76	313136	05/04/23	05/04/23	HMN
m,p-Xylenes	ND		ug/Kg	7.6	0.76	313136	05/04/23	05/04/23	HMN
o-Xylene	ND		ug/Kg	3.8	0.76	313136	05/04/23	05/04/23	HMN
Styrene	ND		ug/Kg	3.8	0.76	313136	05/04/23	05/04/23	HMN
Bromoform	ND		ug/Kg	3.8	0.76	313136	05/04/23	05/04/23	HMN
Isopropylbenzene	ND		ug/Kg	3.8	0.76	313136	05/04/23	05/04/23	HMN
1,1,2,2-Tetrachloroethane	ND		ug/Kg	3.8	0.76	313136	05/04/23	05/04/23	HMN
1,2,3-Trichloropropane	ND		ug/Kg	3.8	0.76	313136	05/04/23	05/04/23	HMN
Propylbenzene	ND		ug/Kg	3.8	0.76	313136	05/04/23	05/04/23	HMN
Bromobenzene	ND		ug/Kg	3.8	0.76	313136	05/04/23	05/04/23	HMN
1,3,5-Trimethylbenzene	ND		ug/Kg	3.8	0.76	313136	05/04/23	05/04/23	HMN
2-Chlorotoluene	ND		ug/Kg	3.8	0.76	313136	05/04/23	05/04/23	HMN
4-Chlorotoluene	ND		ug/Kg	3.8	0.76	313136	05/04/23	05/04/23	HMN
tert-Butylbenzene	ND		ug/Kg	3.8	0.76	313136	05/04/23	05/04/23	HMN
1,2,4-Trimethylbenzene	ND		ug/Kg	3.8	0.76	313136	05/04/23	05/04/23	HMN
sec-Butylbenzene	ND		ug/Kg	3.8	0.76	313136	05/04/23	05/04/23	HMN
para-Isopropyl Toluene	ND		ug/Kg	3.8	0.76	313136	05/04/23	05/04/23	HMN
1,3-Dichlorobenzene	ND		ug/Kg	3.8	0.76	313136	05/04/23	05/04/23	HMN
1,4-Dichlorobenzene	ND		ug/Kg	3.8	0.76	313136	05/04/23	05/04/23	HMN
n-Butylbenzene	ND		ug/Kg	3.8	0.76	313136	05/04/23	05/04/23	HMN
1,2-Dichlorobenzene	ND		ug/Kg	3.8	0.76	313136	05/04/23	05/04/23	HMN
1,2-Dibromo-3-Chloropropane	ND		ug/Kg	3.8	0.76	313136	05/04/23	05/04/23	HMN
1,2,4-Trichlorobenzene	ND		ug/Kg	3.8	0.76	313136	05/04/23	05/04/23	HMN
Hexachlorobutadiene	ND		ug/Kg	3.8	0.76	313136	05/04/23	05/04/23	HMN
Naphthalene	ND		ug/Kg	3.8	0.76	313136	05/04/23	05/04/23	HMN
1,2,3-Trichlorobenzene	ND		ug/Kg	3.8	0.76	313136	05/04/23	05/04/23	HMN
Surrogates				**Limits**					
Dibromofluoromethane	99%		%REC	70-145	0.76	313136	05/04/23	05/04/23	HMN
1,2-Dichloroethane-d4	98%		%REC	70-145	0.76	313136	05/04/23	05/04/23	HMN
Toluene-d8	100%		%REC	70-145	0.76	313136	05/04/23	05/04/23	HMN
Bromofluorobenzene	102%		%REC	70-145	0.76	313136	05/04/23	05/04/23	HMN
Method: EPA 8270C-SIM Prep Method: EPA 3546									
1-Methylnaphthalene	ND		ug/Kg	40	4	313064	05/03/23	05/03/23	VTN
2-Methylnaphthalene	ND		ug/Kg	40	4	313064	05/03/23	05/03/23	VTN
Naphthalene	ND		ug/Kg	40	4	313064	05/03/23	05/03/23	VTN
Acenaphthylene	ND		ug/Kg	40	4	313064	05/03/23	05/03/23	VTN

Results for any subcontracted analyses are not included in this section.

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Analysis Results for 484277

484277-006 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Acenaphthene	ND		ug/Kg	40	4	313064	05/03/23	05/03/23	VTN
Fluorene	ND		ug/Kg	40	4	313064	05/03/23	05/03/23	VTN
Phenanthrene	**66**		ug/Kg	40	4	313064	05/03/23	05/03/23	VTN
Anthracene	ND		ug/Kg	40	4	313064	05/03/23	05/03/23	VTN
Fluoranthene	ND		ug/Kg	40	4	313064	05/03/23	05/03/23	VTN
Pyrene	ND		ug/Kg	40	4	313064	05/03/23	05/03/23	VTN
Benzo(a)anthracene	ND		ug/Kg	40	4	313064	05/03/23	05/03/23	VTN
Chrysene	ND		ug/Kg	40	4	313064	05/03/23	05/03/23	VTN
Benzo(b)fluoranthene	ND		ug/Kg	40	4	313064	05/03/23	05/03/23	VTN
Benzo(k)fluoranthene	ND		ug/Kg	40	4	313064	05/03/23	05/03/23	VTN
Benzo(a)pyrene	ND		ug/Kg	40	4	313064	05/03/23	05/03/23	VTN
Indeno(1,2,3-cd)pyrene	ND		ug/Kg	40	4	313064	05/03/23	05/03/23	VTN
Dibenz(a,h)anthracene	ND		ug/Kg	40	4	313064	05/03/23	05/03/23	VTN
Benzo(g,h,i)perylene	ND		ug/Kg	40	4	313064	05/03/23	05/03/23	VTN
Surrogates				**Limits**					
Nitrobenzene-d5	110%		%REC	27-125	4	313064	05/03/23	05/03/23	VTN
2-Fluorobiphenyl	76%		%REC	30-120	4	313064	05/03/23	05/03/23	VTN
Terphenyl-d14	83%		%REC	33-155	4	313064	05/03/23	05/03/23	VTN

Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

Analysis Results for 484277

Sample ID: F-11-3.0	Lab ID: 484277-007	Collected: 05/01/23 13:02
	Matrix: Soil	

484277-007 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 8015B Prep Method: EPA 5035									
TPH Gasoline	ND		mg/Kg	2.0	0.66	313351	05/06/23	05/06/23	LYZ
Surrogates				**Limits**					
Bromofluorobenzene (FID)	79%		%REC	60-140	0.66	313351	05/06/23	05/06/23	LYZ
Method: EPA 8015M Prep Method: EPA 3580M									
DRO C10-C28	ND		mg/Kg	9.9	0.99	313053	05/03/23	05/06/23	TJW
ORO C28-C44	**27**		mg/Kg	20	0.99	313053	05/03/23	05/06/23	TJW
Surrogates				**Limits**					
n-Triacontane	86%		%REC	70-130	0.99	313053	05/03/23	05/06/23	TJW
Method: EPA 8260B Prep Method: EPA 5035									
Freon 12	ND		ug/Kg	3.9	0.78	313136	05/04/23	05/04/23	HMN
Chloromethane	ND		ug/Kg	3.9	0.78	313136	05/04/23	05/04/23	HMN
Vinyl Chloride	ND		ug/Kg	3.9	0.78	313136	05/04/23	05/04/23	HMN
Bromomethane	ND		ug/Kg	3.9	0.78	313136	05/04/23	05/04/23	HMN
Chloroethane	ND		ug/Kg	3.9	0.78	313136	05/04/23	05/04/23	HMN
Trichlorofluoromethane	ND		ug/Kg	3.9	0.78	313136	05/04/23	05/04/23	HMN
Acetone	ND		ug/Kg	78	0.78	313136	05/04/23	05/04/23	HMN
Freon 113	ND		ug/Kg	3.9	0.78	313136	05/04/23	05/04/23	HMN
1,1-Dichloroethene	ND		ug/Kg	3.9	0.78	313136	05/04/23	05/04/23	HMN
Methylene Chloride	ND		ug/Kg	3.9	0.78	313136	05/04/23	05/04/23	HMN
MTBE	ND		ug/Kg	3.9	0.78	313136	05/04/23	05/04/23	HMN
trans-1,2-Dichloroethene	ND		ug/Kg	3.9	0.78	313136	05/04/23	05/04/23	HMN
1,1-Dichloroethane	ND		ug/Kg	3.9	0.78	313136	05/04/23	05/04/23	HMN
2-Butanone	ND		ug/Kg	78	0.78	313136	05/04/23	05/04/23	HMN
cis-1,2-Dichloroethene	ND		ug/Kg	3.9	0.78	313136	05/04/23	05/04/23	HMN
2,2-Dichloropropane	ND		ug/Kg	3.9	0.78	313136	05/04/23	05/04/23	HMN
Chloroform	ND		ug/Kg	3.9	0.78	313136	05/04/23	05/04/23	HMN
Bromochloromethane	ND		ug/Kg	3.9	0.78	313136	05/04/23	05/04/23	HMN
1,1,1-Trichloroethane	ND		ug/Kg	3.9	0.78	313136	05/04/23	05/04/23	HMN
1,1-Dichloropropene	ND		ug/Kg	3.9	0.78	313136	05/04/23	05/04/23	HMN
Carbon Tetrachloride	ND		ug/Kg	3.9	0.78	313136	05/04/23	05/04/23	HMN
1,2-Dichloroethane	ND		ug/Kg	3.9	0.78	313136	05/04/23	05/04/23	HMN
Benzene	ND		ug/Kg	3.9	0.78	313136	05/04/23	05/04/23	HMN
Trichloroethene	ND		ug/Kg	3.9	0.78	313136	05/04/23	05/04/23	HMN
1,2-Dichloropropane	ND		ug/Kg	3.9	0.78	313136	05/04/23	05/04/23	HMN
Bromodichloromethane	ND		ug/Kg	3.9	0.78	313136	05/04/23	05/04/23	HMN
Dibromomethane	ND		ug/Kg	3.9	0.78	313136	05/04/23	05/04/23	HMN
4-Methyl-2-Pentanone	ND		ug/Kg	3.9	0.78	313136	05/04/23	05/04/23	HMN
cis-1,3-Dichloropropene	ND		ug/Kg	3.9	0.78	313136	05/04/23	05/04/23	HMN

Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

Analysis Results for 484277

484277-007 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Toluene	ND		ug/Kg	3.9	0.78	313136	05/04/23	05/04/23	HMN
trans-1,3-Dichloropropene	ND		ug/Kg	3.9	0.78	313136	05/04/23	05/04/23	HMN
1,1,2-Trichloroethane	ND		ug/Kg	3.9	0.78	313136	05/04/23	05/04/23	HMN
1,3-Dichloropropane	ND		ug/Kg	3.9	0.78	313136	05/04/23	05/04/23	HMN
Tetrachloroethene	ND		ug/Kg	3.9	0.78	313136	05/04/23	05/04/23	HMN
Dibromochloromethane	ND		ug/Kg	3.9	0.78	313136	05/04/23	05/04/23	HMN
1,2-Dibromoethane	ND		ug/Kg	3.9	0.78	313136	05/04/23	05/04/23	HMN
Chlorobenzene	ND		ug/Kg	3.9	0.78	313136	05/04/23	05/04/23	HMN
1,1,1,2-Tetrachloroethane	ND		ug/Kg	3.9	0.78	313136	05/04/23	05/04/23	HMN
Ethylbenzene	ND		ug/Kg	3.9	0.78	313136	05/04/23	05/04/23	HMN
m,p-Xylenes	ND		ug/Kg	7.8	0.78	313136	05/04/23	05/04/23	HMN
o-Xylene	ND		ug/Kg	3.9	0.78	313136	05/04/23	05/04/23	HMN
Styrene	ND		ug/Kg	3.9	0.78	313136	05/04/23	05/04/23	HMN
Bromoform	ND		ug/Kg	3.9	0.78	313136	05/04/23	05/04/23	HMN
Isopropylbenzene	ND		ug/Kg	3.9	0.78	313136	05/04/23	05/04/23	HMN
1,1,2,2-Tetrachloroethane	ND		ug/Kg	3.9	0.78	313136	05/04/23	05/04/23	HMN
1,2,3-Trichloropropane	ND		ug/Kg	3.9	0.78	313136	05/04/23	05/04/23	HMN
Propylbenzene	ND		ug/Kg	3.9	0.78	313136	05/04/23	05/04/23	HMN
Bromobenzene	ND		ug/Kg	3.9	0.78	313136	05/04/23	05/04/23	HMN
1,3,5-Trimethylbenzene	ND		ug/Kg	3.9	0.78	313136	05/04/23	05/04/23	HMN
2-Chlorotoluene	ND		ug/Kg	3.9	0.78	313136	05/04/23	05/04/23	HMN
4-Chlorotoluene	ND		ug/Kg	3.9	0.78	313136	05/04/23	05/04/23	HMN
tert-Butylbenzene	ND		ug/Kg	3.9	0.78	313136	05/04/23	05/04/23	HMN
1,2,4-Trimethylbenzene	ND		ug/Kg	3.9	0.78	313136	05/04/23	05/04/23	HMN
sec-Butylbenzene	ND		ug/Kg	3.9	0.78	313136	05/04/23	05/04/23	HMN
para-Isopropyl Toluene	ND		ug/Kg	3.9	0.78	313136	05/04/23	05/04/23	HMN
1,3-Dichlorobenzene	ND		ug/Kg	3.9	0.78	313136	05/04/23	05/04/23	HMN
1,4-Dichlorobenzene	ND		ug/Kg	3.9	0.78	313136	05/04/23	05/04/23	HMN
n-Butylbenzene	ND		ug/Kg	3.9	0.78	313136	05/04/23	05/04/23	HMN
1,2-Dichlorobenzene	ND		ug/Kg	3.9	0.78	313136	05/04/23	05/04/23	HMN
1,2-Dibromo-3-Chloropropane	ND		ug/Kg	3.9	0.78	313136	05/04/23	05/04/23	HMN
1,2,4-Trichlorobenzene	ND		ug/Kg	3.9	0.78	313136	05/04/23	05/04/23	HMN
Hexachlorobutadiene	ND		ug/Kg	3.9	0.78	313136	05/04/23	05/04/23	HMN
Naphthalene	ND		ug/Kg	3.9	0.78	313136	05/04/23	05/04/23	HMN
1,2,3-Trichlorobenzene	ND		ug/Kg	3.9	0.78	313136	05/04/23	05/04/23	HMN
Surrogates				**Limits**					
Dibromofluoromethane	103%		%REC	70-145	0.78	313136	05/04/23	05/04/23	HMN
1,2-Dichloroethane-d4	100%		%REC	70-145	0.78	313136	05/04/23	05/04/23	HMN
Toluene-d8	98%		%REC	70-145	0.78	313136	05/04/23	05/04/23	HMN
Bromofluorobenzene	102%		%REC	70-145	0.78	313136	05/04/23	05/04/23	HMN
Method: EPA 8270C-SIM Prep Method: EPA 3546									
1-Methylnaphthalene	ND		ug/Kg	10	1	313064	05/03/23	05/03/23	VTN
2-Methylnaphthalene	ND		ug/Kg	10	1	313064	05/03/23	05/03/23	VTN
Naphthalene	ND		ug/Kg	10	1	313064	05/03/23	05/03/23	VTN
Acenaphthylene	ND		ug/Kg	10	1	313064	05/03/23	05/03/23	VTN

Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

Analysis Results for 484277

484277-007 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Acenaphthene	ND		ug/Kg	10	1	313064	05/03/23	05/03/23	VTN
Fluorene	ND		ug/Kg	10	1	313064	05/03/23	05/03/23	VTN
Phenanthrene	**10**		ug/Kg	10	1	313064	05/03/23	05/03/23	VTN
Anthracene	ND		ug/Kg	10	1	313064	05/03/23	05/03/23	VTN
Fluoranthene	ND		ug/Kg	10	1	313064	05/03/23	05/03/23	VTN
Pyrene	ND		ug/Kg	10	1	313064	05/03/23	05/03/23	VTN
Benzo(a)anthracene	ND		ug/Kg	10	1	313064	05/03/23	05/03/23	VTN
Chrysene	ND		ug/Kg	10	1	313064	05/03/23	05/03/23	VTN
Benzo(b)fluoranthene	ND		ug/Kg	10	1	313064	05/03/23	05/03/23	VTN
Benzo(k)fluoranthene	ND		ug/Kg	10	1	313064	05/03/23	05/03/23	VTN
Benzo(a)pyrene	ND		ug/Kg	10	1	313064	05/03/23	05/03/23	VTN
Indeno(1,2,3-cd)pyrene	ND		ug/Kg	10	1	313064	05/03/23	05/03/23	VTN
Dibenz(a,h)anthracene	ND		ug/Kg	10	1	313064	05/03/23	05/03/23	VTN
Benzo(g,h,i)perylene	ND		ug/Kg	10	1	313064	05/03/23	05/03/23	VTN
Surrogates				**Limits**					
Nitrobenzene-d5	102%		%REC	27-125	1	313064	05/03/23	05/03/23	VTN
2-Fluorobiphenyl	83%		%REC	30-120	1	313064	05/03/23	05/03/23	VTN
Terphenyl-d14	83%		%REC	33-155	1	313064	05/03/23	05/03/23	VTN

DO Diluted Out
ND Not Detected

Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

Batch QC

Type: Blank	**Lab ID: QC1062682**	**Batch: 313021**
Matrix: Soil	**Method: EPA 6010B**	**Prep Method: EPA 3050B**

QC1062682 Analyte	Result	Qual	Units	RL	Prepared	Analyzed
Antimony	ND		mg/Kg	3.0	05/02/23	05/03/23
Arsenic	ND		mg/Kg	1.0	05/02/23	05/03/23
Barium	ND		mg/Kg	1.0	05/02/23	05/03/23
Beryllium	ND		mg/Kg	0.50	05/02/23	05/03/23
Cadmium	ND		mg/Kg	0.50	05/02/23	05/03/23
Chromium	ND		mg/Kg	1.0	05/02/23	05/03/23
Cobalt	ND		mg/Kg	0.50	05/02/23	05/03/23
Copper	ND		mg/Kg	1.0	05/02/23	05/03/23
Lead	ND		mg/Kg	1.0	05/02/23	05/03/23
Molybdenum	ND		mg/Kg	1.0	05/02/23	05/03/23
Nickel	ND		mg/Kg	1.0	05/02/23	05/03/23
Selenium	ND		mg/Kg	3.0	05/02/23	05/03/23
Silver	ND		mg/Kg	0.50	05/02/23	05/03/23
Thallium	ND		mg/Kg	3.0	05/02/23	05/03/23
Vanadium	ND		mg/Kg	1.0	05/02/23	05/03/23
Zinc	ND		mg/Kg	5.0	05/02/23	05/03/23

Type: Lab Control Sample	**Lab ID: QC1062683**	**Batch: 313021**
Matrix: Soil	**Method: EPA 6010B**	**Prep Method: EPA 3050B**

QC1062683 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Antimony	95.34	100.0	mg/Kg	95%		80-120
Arsenic	100.3	100.0	mg/Kg	100%		80-120
Barium	104.8	100.0	mg/Kg	105%		80-120
Beryllium	103.6	100.0	mg/Kg	104%		80-120
Cadmium	106.2	100.0	mg/Kg	106%		80-120
Chromium	103.5	100.0	mg/Kg	103%		80-120
Cobalt	107.8	100.0	mg/Kg	108%		80-120
Copper	100.8	100.0	mg/Kg	101%		80-120
Lead	105.2	100.0	mg/Kg	105%		80-120
Molybdenum	101.5	100.0	mg/Kg	102%		80-120
Nickel	105.9	100.0	mg/Kg	106%		80-120
Selenium	93.76	100.0	mg/Kg	94%		80-120
Silver	50.81	50.00	mg/Kg	102%		80-120
Thallium	104.9	100.0	mg/Kg	105%		80-120
Vanadium	96.03	100.0	mg/Kg	96%		80-120
Zinc	103.3	100.0	mg/Kg	103%		80-120

ENTHALPY ANALYTICAL

Batch QC

Type:	Matrix Spike	Lab ID:	QC1062684	Batch:	313021
Matrix (Source ID):	Soil (484285-001)	Method:	EPA 6010B	Prep Method:	EPA 3050B

QC1062684 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Antimony	34.65	ND	97.09	mg/Kg	36%	*	75-125	0.97
Arsenic	93.64	4.069	97.09	mg/Kg	92%		75-125	0.97
Barium	213.5	163.8	97.09	mg/Kg	51%	*	75-125	0.97
Beryllium	97.59	0.4322	97.09	mg/Kg	100%		75-125	0.97
Cadmium	99.01	1.916	97.09	mg/Kg	100%		75-125	0.97
Chromium	150.0	39.50	97.09	mg/Kg	114%		75-125	0.97
Cobalt	106.7	8.016	97.09	mg/Kg	102%		75-125	0.97
Copper	117.8	15.91	97.09	mg/Kg	105%		75-125	0.97
Lead	99.05	4.650	97.09	mg/Kg	97%		75-125	0.97
Molybdenum	89.12	3.090	97.09	mg/Kg	89%		75-125	0.97
Nickel	134.4	31.05	97.09	mg/Kg	106%		75-125	0.97
Selenium	85.87	ND	97.09	mg/Kg	88%		75-125	0.97
Silver	48.69	ND	48.54	mg/Kg	100%		75-125	0.97
Thallium	94.33	0.5291	97.09	mg/Kg	97%		75-125	0.97
Vanadium	157.3	52.38	97.09	mg/Kg	108%		75-125	0.97
Zinc	136.4	46.66	97.09	mg/Kg	92%		75-125	0.97

Type:	Matrix Spike Duplicate	Lab ID:	QC1062685	Batch:	313021
Matrix (Source ID):	Soil (484285-001)	Method:	EPA 6010B	Prep Method:	EPA 3050B

QC1062685 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
Antimony	38.48	ND	95.24	mg/Kg	40%	*	75-125	12	41	0.95
Arsenic	94.98	4.069	95.24	mg/Kg	95%		75-125	3	35	0.95
Barium	216.4	163.8	95.24	mg/Kg	55%	*	75-125	2	20	0.95
Beryllium	98.76	0.4322	95.24	mg/Kg	103%		75-125	3	20	0.95
Cadmium	99.57	1.916	95.24	mg/Kg	103%		75-125	2	20	0.95
Chromium	144.8	39.50	95.24	mg/Kg	111%		75-125	2	20	0.95
Cobalt	107.4	8.016	95.24	mg/Kg	104%		75-125	2	20	0.95
Copper	116.2	15.91	95.24	mg/Kg	105%		75-125	0	20	0.95
Lead	100.5	4.650	95.24	mg/Kg	101%		75-125	3	20	0.95
Molybdenum	91.73	3.090	95.24	mg/Kg	93%		75-125	5	20	0.95
Nickel	128.9	31.05	95.24	mg/Kg	103%		75-125	3	20	0.95
Selenium	87.61	ND	95.24	mg/Kg	92%		75-125	4	20	0.95
Silver	48.79	ND	47.62	mg/Kg	102%		75-125	2	20	0.95
Thallium	96.06	0.5291	95.24	mg/Kg	100%		75-125	4	20	0.95
Vanadium	151.1	52.38	95.24	mg/Kg	104%		75-125	3	20	0.95
Zinc	135.7	46.66	95.24	mg/Kg	93%		75-125	1	20	0.95

ENTHALPY ANALYTICAL

Batch QC

Type: Blank	Lab ID: QC1062794	Batch: 313056
Matrix: Soil	Method: EPA 7471A	Prep Method: METHOD

QC1062794 Analyte	Result	Qual	Units	RL	Prepared	Analyzed
Mercury	ND		mg/Kg	0.14	05/03/23	05/03/23

Type: Lab Control Sample	Lab ID: QC1062795	Batch: 313056
Matrix: Soil	Method: EPA 7471A	Prep Method: METHOD

QC1062795 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Mercury	0.8459	0.8333	mg/Kg	102%		80-120

Type: Matrix Spike	Lab ID: QC1062796	Batch: 313056
Matrix (Source ID): Soil (484179-001)	Method: EPA 7471A	Prep Method: METHOD

QC1062796 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Mercury	0.8894	0.04314	0.8772	mg/Kg	96%		75-125	1.1

Type: Matrix Spike Duplicate	Lab ID: QC1062797	Batch: 313056
Matrix (Source ID): Soil (484179-001)	Method: EPA 7471A	Prep Method: METHOD

QC1062797 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
Mercury	0.8325	0.04314	0.8475	mg/Kg	93%		75-125	3	20	1

Type: Blank	Lab ID: QC1062638	Batch: 313005
Matrix: Water	Method: EPA 8015B	Prep Method: EPA 3510C

QC1062638 Analyte	Result	Qual	Units	RL	Prepared	Analyzed
Diesel C10-C28	ND		ug/L	100	05/02/23	05/06/23
ORO C28-C44	ND		mg/L	0.30	05/02/23	05/06/23
Surrogates				**Limits**		
n-Triacontane	90%		%REC	35-130	05/02/23	05/06/23

Type: Lab Control Sample	Lab ID: QC1062639	Batch: 313005
Matrix: Water	Method: EPA 8015B	Prep Method: EPA 3510C

QC1062639 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Diesel C10-C28	783.7	1000	ug/L	78%		42-120
Surrogates						
n-Triacontane	17.57	20.00	ug/L	88%		35-130

ENTHALPY ANALYTICAL

Batch QC

Type: Lab Control Sample Duplicate	**Lab ID: QC1062640**	**Batch: 313005**
Matrix: Water	**Method: EPA 8015B**	**Prep Method: EPA 3510C**

QC1062640 Analyte	Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim
Diesel C10-C28	757.7	1000	ug/L	76%		42-120	3	36
Surrogates								
n-Triacontane	15.96	20.00	ug/L	80%		35-130		

Type: Lab Control Sample	**Lab ID: QC1063190**	**Batch: 313169**
Matrix: Water	**Method: EPA 8015B**	**Prep Method: EPA 5030B**

QC1063190 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
TPH Gasoline	581.7	500.0	ug/L	116%		70-130
Surrogates						
Bromofluorobenzene (FID)	205.9	200.0	ug/L	103%		60-140

Type: Blank	**Lab ID: QC1063193**	**Batch: 313169**
Matrix: Water	**Method: EPA 8015B**	**Prep Method: EPA 5030B**

QC1063193 Analyte	Result	Qual	Units	RL	Prepared	Analyzed
TPH Gasoline	ND		ug/L	50	05/04/23	05/04/23
Surrogates				**Limits**		
Bromofluorobenzene (FID)	85%		%REC	60-140	05/04/23	05/04/23

Type: Matrix Spike	**Lab ID: QC1063198**	**Batch: 313169**
Matrix (Source ID): Water (483923-001)	**Method: EPA 8015B**	**Prep Method: EPA 5030B**

QC1063198 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
TPH Gasoline	565.1	ND	500.0	ug/L	113%		70-130	1
Surrogates								
Bromofluorobenzene (FID)	209.1		200.0	ug/L	105%		60-140	1

Type: Matrix Spike Duplicate	**Lab ID: QC1063199**	**Batch: 313169**
Matrix (Source ID): Water (483923-001)	**Method: EPA 8015B**	**Prep Method: EPA 5030B**

QC1063199 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
TPH Gasoline	581.5	ND	500.0	ug/L	116%		70-130	3	30	1
Surrogates										
Bromofluorobenzene (FID)	203.8		200.0	ug/L	102%		60-140			1

ENTHALPY ANALYTICAL

Batch QC

Type: Lab Control Sample	**Lab ID: QC1063764**	**Batch: 313351**
Matrix: Soil	**Method: EPA 8015B**	**Prep Method: EPA 5035**

QC1063764 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
TPH Gasoline	4.287	5.000	mg/Kg	86%		70-130
Surrogates						
Bromofluorobenzene (FID)	0.2235	0.2000	mg/Kg	112%		60-140

Type: Lab Control Sample Duplicate	**Lab ID: QC1063765**	**Batch: 313351**
Matrix: Soil	**Method: EPA 8015B**	**Prep Method: EPA 5035**

QC1063765 Analyte	Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim
TPH Gasoline	4.561	5.000	mg/Kg	91%		70-130	6	20
Surrogates								
Bromofluorobenzene (FID)	0.2292	0.2000	mg/Kg	115%		60-140		

Type: Blank	**Lab ID: QC1063766**	**Batch: 313351**
Matrix: Soil	**Method: EPA 8015B**	**Prep Method: EPA 5035**

QC1063766 Analyte	Result	Qual	Units	RL	Prepared	Analyzed
TPH Gasoline	ND		mg/Kg	75	05/06/23	05/06/23
Surrogates				**Limits**		
Bromofluorobenzene (FID)	83%		%REC	60-140	05/06/23	05/06/23

Type: Blank	**Lab ID: QC1063767**	**Batch: 313351**
Matrix: Soil	**Method: EPA 8015B**	**Prep Method: EPA 5035**

QC1063767 Analyte	Result	Qual	Units	RL	Prepared	Analyzed
TPH Gasoline	ND		mg/Kg	3.0	05/06/23	05/06/23
Surrogates				**Limits**		
Bromofluorobenzene (FID)	78%		%REC	60-140	05/06/23	05/06/23

Type: Lab Control Sample	**Lab ID: QC1063786**	**Batch: 313356**
Matrix: Soil	**Method: EPA 8015B**	**Prep Method: EPA 5035**

QC1063786 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
TPH Gasoline	4.571	5.000	mg/Kg	91%		70-130
Surrogates						
Bromofluorobenzene (FID)	0.2102	0.2000	mg/Kg	105%		60-140

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Batch QC

Type: Lab Control Sample Duplicate	Lab ID: QC1063787	Batch: 313356
Matrix: Soil	Method: EPA 8015B	Prep Method: EPA 5035

QC1063787 Analyte	Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim
TPH Gasoline	4.652	5.000	mg/Kg	93%		70-130	2	20
Surrogates								
Bromofluorobenzene (FID)	0.2152	0.2000	mg/Kg	108%		60-140		

Type: Blank	Lab ID: QC1063788	Batch: 313356
Matrix: Soil	Method: EPA 8015B	Prep Method: EPA 5035

QC1063788 Analyte	Result	Qual	Units	RL	Prepared	Analyzed
TPH Gasoline	ND		mg/Kg	75	05/07/23	05/07/23
Surrogates				**Limits**		
Bromofluorobenzene (FID)	79%		%REC	60-140	05/07/23	05/07/23

Type: Blank	Lab ID: QC1063789	Batch: 313356
Matrix: Soil	Method: EPA 8015B	Prep Method: EPA 5035

QC1063789 Analyte	Result	Qual	Units	RL	Prepared	Analyzed
TPH Gasoline	ND		mg/Kg	3.0	05/07/23	05/07/23
Surrogates				**Limits**		
Bromofluorobenzene (FID)	79%		%REC	60-140	05/07/23	05/07/23

Type: Blank	Lab ID: QC1062984	Batch: 313053
Matrix: Soil	Method: EPA 8015M	Prep Method: EPA 3580M

QC1062984 Analyte	Result	Qual	Units	RL	Prepared	Analyzed
DRO C10-C28	ND		mg/Kg	10	05/03/23	05/06/23
ORO C28-C44	ND		mg/Kg	20	05/03/23	05/06/23
Surrogates				**Limits**		
n-Triacontane	80%		%REC	70-130	05/03/23	05/06/23

Type: Lab Control Sample	Lab ID: QC1062985	Batch: 313053
Matrix: Soil	Method: EPA 8015M	Prep Method: EPA 3580M

QC1062985 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Diesel C10-C28	232.0	248.8	mg/Kg	93%		76-122
Surrogates						
n-Triacontane	8.267	9.950	mg/Kg	83%		70-130

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Batch QC

Type:	**Matrix Spike**	**Lab ID:**	**QC1062986**	**Batch:**	**313053**
Matrix (Source ID):	**Soil (484179-013)**	**Method:**	**EPA 8015M**	**Prep Method:**	**EPA 3580M**

QC1062986 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Diesel C10-C28	221.7	3.348	248.6	mg/Kg	88%		62-126	0.99
Surrogates								
n-Triacontane	8.163		9.945	mg/Kg	82%		70-130	0.99

Type:	**Matrix Spike Duplicate**	**Lab ID:**	**QC1062987**	**Batch:**	**313053**
Matrix (Source ID):	**Soil (484179-013)**	**Method:**	**EPA 8015M**	**Prep Method:**	**EPA 3580M**

QC1062987 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
Diesel C10-C28	226.8	3.348	249.5	mg/Kg	90%		62-126	2	35	1
Surrogates										
n-Triacontane	8.049		9.980	mg/Kg	81%		70-130			1

Type:	**Lab Control Sample**	**Lab ID:**	**QC1063411**	**Batch:**	**313256**
Matrix:	**Water**	**Method:**	**EPA 8260B**	**Prep Method:**	**EPA 5030B**

QC1063411 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
1,1-Dichloroethene	51.40	50.00	ug/L	103%		70-135
MTBE	50.26	50.00	ug/L	101%		70-130
Benzene	44.80	50.00	ug/L	90%		70-130
Trichloroethene	46.78	50.00	ug/L	94%		70-130
Toluene	44.89	50.00	ug/L	90%		70-130
Chlorobenzene	45.20	50.00	ug/L	90%		70-130
Surrogates						
Dibromofluoromethane	57.64	50.00	ug/L	115%		70-130
1,2-Dichloroethane-d4	59.94	50.00	ug/L	120%		70-130
Toluene-d8	50.40	50.00	ug/L	101%		70-130
Bromofluorobenzene	50.97	50.00	ug/L	102%		70-130

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Batch QC

Type:	**Lab Control Sample Duplicate**	**Lab ID:**	**QC1063412**	**Batch:**	**313256**
Matrix:	**Water**	**Method:**	**EPA 8260B**	**Prep Method:**	**EPA 5030B**

QC1063412 Analyte	Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim
1,1-Dichloroethene	54.68	50.00	ug/L	109%		70-135	6	30
MTBE	57.60	50.00	ug/L	115%		70-130	14	30
Benzene	47.96	50.00	ug/L	96%		70-130	7	30
Trichloroethene	47.63	50.00	ug/L	95%		70-130	2	30
Toluene	46.99	50.00	ug/L	94%		70-130	5	30
Chlorobenzene	47.43	50.00	ug/L	95%		70-130	5	30
Surrogates								
Dibromofluoromethane	59.55	50.00	ug/L	119%		70-130		
1,2-Dichloroethane-d4	62.59	50.00	ug/L	125%		70-130		
Toluene-d8	49.71	50.00	ug/L	99%		70-130		
Bromofluorobenzene	49.61	50.00	ug/L	99%		70-130		

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Batch QC

Type:	**Blank**	**Lab ID:**	**QC1063415**	**Batch:**	**313256**
Matrix:	**Water**	**Method:**	**EPA 8260B**	**Prep Method:**	**EPA 5030B**

QC1063415 Analyte	Result	Qual	Units	RL	Prepared	Analyzed
Freon 12	ND		ug/L	0.5	05/05/23	05/05/23
Chloromethane	ND		ug/L	0.5	05/05/23	05/05/23
Vinyl Chloride	ND		ug/L	0.5	05/05/23	05/05/23
Bromomethane	ND		ug/L	1.0	05/05/23	05/05/23
Chloroethane	ND		ug/L	0.5	05/05/23	05/05/23
Trichlorofluoromethane	ND		ug/L	0.5	05/05/23	05/05/23
Acetone	ND		ug/L	20	05/05/23	05/05/23
Freon 113	ND		ug/L	0.5	05/05/23	05/05/23
1,1-Dichloroethene	ND		ug/L	0.5	05/05/23	05/05/23
Methylene Chloride	ND		ug/L	10	05/05/23	05/05/23
MTBE	ND		ug/L	0.5	05/05/23	05/05/23
trans-1,2-Dichloroethene	ND		ug/L	0.5	05/05/23	05/05/23
1,1-Dichloroethane	ND		ug/L	0.5	05/05/23	05/05/23
2-Butanone	ND		ug/L	5.0	05/05/23	05/05/23
cis-1,2-Dichloroethene	ND		ug/L	0.5	05/05/23	05/05/23
2,2-Dichloropropane	ND		ug/L	0.5	05/05/23	05/05/23
Chloroform	ND		ug/L	0.5	05/05/23	05/05/23
Bromochloromethane	ND		ug/L	0.5	05/05/23	05/05/23
1,1,1-Trichloroethane	ND		ug/L	0.5	05/05/23	05/05/23
1,1-Dichloropropene	ND		ug/L	0.5	05/05/23	05/05/23
Carbon Tetrachloride	ND		ug/L	0.5	05/05/23	05/05/23
1,2-Dichloroethane	ND		ug/L	0.5	05/05/23	05/05/23
Benzene	ND		ug/L	0.5	05/05/23	05/05/23
Trichloroethene	ND		ug/L	0.5	05/05/23	05/05/23
1,2-Dichloropropane	ND		ug/L	0.5	05/05/23	05/05/23
Bromodichloromethane	ND		ug/L	0.5	05/05/23	05/05/23
Dibromomethane	ND		ug/L	0.5	05/05/23	05/05/23
4-Methyl-2-Pentanone	ND		ug/L	5.0	05/05/23	05/05/23
cis-1,3-Dichloropropene	ND		ug/L	0.5	05/05/23	05/05/23
Toluene	ND		ug/L	0.5	05/05/23	05/05/23
trans-1,3-Dichloropropene	ND		ug/L	0.5	05/05/23	05/05/23
1,1,2-Trichloroethane	ND		ug/L	0.5	05/05/23	05/05/23
1,3-Dichloropropane	ND		ug/L	0.5	05/05/23	05/05/23
Tetrachloroethene	ND		ug/L	0.5	05/05/23	05/05/23
Dibromochloromethane	ND		ug/L	0.5	05/05/23	05/05/23
1,2-Dibromoethane	ND		ug/L	0.5	05/05/23	05/05/23
Chlorobenzene	ND		ug/L	0.5	05/05/23	05/05/23
1,1,1,2-Tetrachloroethane	ND		ug/L	0.5	05/05/23	05/05/23
Ethylbenzene	ND		ug/L	0.5	05/05/23	05/05/23
m,p-Xylenes	ND		ug/L	1.0	05/05/23	05/05/23
o-Xylene	ND		ug/L	0.5	05/05/23	05/05/23
Styrene	ND		ug/L	0.5	05/05/23	05/05/23

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Batch QC

QC1063415 Analyte	Result	Qual	Units	RL	Prepared	Analyzed
Bromoform	ND		ug/L	1.0	05/05/23	05/05/23
Propylbenzene	ND		ug/L	0.5	05/05/23	05/05/23
Isopropylbenzene	ND		ug/L	0.5	05/05/23	05/05/23
1,1,2,2-Tetrachloroethane	ND		ug/L	0.5	05/05/23	05/05/23
1,2,3-Trichloropropane	ND		ug/L	0.5	05/05/23	05/05/23
Bromobenzene	ND		ug/L	1.0	05/05/23	05/05/23
1,3,5-Trimethylbenzene	ND		ug/L	0.5	05/05/23	05/05/23
2-Chlorotoluene	ND		ug/L	0.5	05/05/23	05/05/23
4-Chlorotoluene	ND		ug/L	0.5	05/05/23	05/05/23
tert-Butylbenzene	ND		ug/L	0.5	05/05/23	05/05/23
1,2,4-Trimethylbenzene	ND		ug/L	0.5	05/05/23	05/05/23
sec-Butylbenzene	ND		ug/L	0.5	05/05/23	05/05/23
para-Isopropyl Toluene	ND		ug/L	0.5	05/05/23	05/05/23
1,3-Dichlorobenzene	ND		ug/L	0.5	05/05/23	05/05/23
1,4-Dichlorobenzene	ND		ug/L	0.5	05/05/23	05/05/23
n-Butylbenzene	ND		ug/L	0.5	05/05/23	05/05/23
1,2-Dichlorobenzene	ND		ug/L	0.5	05/05/23	05/05/23
1,2-Dibromo-3-Chloropropane	ND		ug/L	2.0	05/05/23	05/05/23
1,2,4-Trichlorobenzene	ND		ug/L	0.5	05/05/23	05/05/23
Hexachlorobutadiene	ND		ug/L	2.0	05/05/23	05/05/23
Naphthalene	ND		ug/L	2.0	05/05/23	05/05/23
1,2,3-Trichlorobenzene	ND		ug/L	0.5	05/05/23	05/05/23
Isopropyl Ether (DIPE)	ND		ug/L	0.5	05/05/23	05/05/23
Ethyl tert-Butyl Ether (ETBE)	ND		ug/L	0.5	05/05/23	05/05/23
tert-Butyl Alcohol (TBA)	ND		ug/L	10	05/05/23	05/05/23
Methyl tert-Amyl Ether (TAME)	ND		ug/L	0.5	05/05/23	05/05/23
Surrogates				**Limits**		
Dibromofluoromethane	115%		%REC	70-130	05/05/23	05/05/23
1,2-Dichloroethane-d4	122%		%REC	70-130	05/05/23	05/05/23
Toluene-d8	100%		%REC	70-130	05/05/23	05/05/23
Bromofluorobenzene	104%		%REC	70-130	05/05/23	05/05/23

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Batch QC

Type: Lab Control Sample	Lab ID: QC1063055	Batch: 313136
Matrix: Soil	Method: EPA 8260B	Prep Method: EPA 5035

QC1063055 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
1,1-Dichloroethene	55.64	50.00	ug/Kg	111%		70-131
MTBE	51.46	50.00	ug/Kg	103%		69-130
Benzene	54.15	50.00	ug/Kg	108%		70-130
Trichloroethene	54.73	50.00	ug/Kg	109%		70-130
Toluene	54.48	50.00	ug/Kg	109%		70-130
Chlorobenzene	56.54	50.00	ug/Kg	113%		70-130
Surrogates						
Dibromofluoromethane	50.38	50.00	ug/Kg	101%		70-130
1,2-Dichloroethane-d4	51.21	50.00	ug/Kg	102%		70-145
Toluene-d8	49.31	50.00	ug/Kg	99%		70-145
Bromofluorobenzene	49.41	50.00	ug/Kg	99%		70-145

Type: Lab Control Sample Duplicate	Lab ID: QC1063056	Batch: 313136
Matrix: Soil	Method: EPA 8260B	Prep Method: EPA 5035

QC1063056 Analyte	Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim
1,1-Dichloroethene	53.99	50.00	ug/Kg	108%		70-131	3	33
MTBE	50.84	50.00	ug/Kg	102%		69-130	1	30
Benzene	51.23	50.00	ug/Kg	102%		70-130	6	30
Trichloroethene	51.23	50.00	ug/Kg	102%		70-130	7	30
Toluene	50.32	50.00	ug/Kg	101%		70-130	8	30
Chlorobenzene	52.52	50.00	ug/Kg	105%		70-130	7	30
Surrogates								
Dibromofluoromethane	51.65	50.00	ug/Kg	103%		70-130		
1,2-Dichloroethane-d4	48.58	50.00	ug/Kg	97%		70-145		
Toluene-d8	49.67	50.00	ug/Kg	99%		70-145		
Bromofluorobenzene	49.98	50.00	ug/Kg	100%		70-145		

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Batch QC

Type: Blank	**Lab ID:** QC1063060	**Batch:** 313136
Matrix: Soil	**Method:** EPA 8260B	**Prep Method:** EPA 5035

QC1063060 Analyte	Result	Qual	Units	RL	Prepared	Analyzed
Freon 12	ND		ug/Kg	5.0	05/03/23	05/03/23
Chloromethane	ND		ug/Kg	5.0	05/03/23	05/03/23
Vinyl Chloride	ND		ug/Kg	5.0	05/03/23	05/03/23
Bromomethane	ND		ug/Kg	5.0	05/03/23	05/03/23
Chloroethane	ND		ug/Kg	5.0	05/03/23	05/03/23
Trichlorofluoromethane	ND		ug/Kg	5.0	05/03/23	05/03/23
Acetone	ND		ug/Kg	100	05/03/23	05/03/23
Freon 113	ND		ug/Kg	5.0	05/03/23	05/03/23
1,1-Dichloroethene	ND		ug/Kg	5.0	05/03/23	05/03/23
Methylene Chloride	ND		ug/Kg	5.0	05/03/23	05/03/23
MTBE	ND		ug/Kg	5.0	05/03/23	05/03/23
trans-1,2-Dichloroethene	ND		ug/Kg	5.0	05/03/23	05/03/23
1,1-Dichloroethane	ND		ug/Kg	5.0	05/03/23	05/03/23
2-Butanone	ND		ug/Kg	100	05/03/23	05/03/23
cis-1,2-Dichloroethene	ND		ug/Kg	5.0	05/03/23	05/03/23
2,2-Dichloropropane	ND		ug/Kg	5.0	05/03/23	05/03/23
Chloroform	ND		ug/Kg	5.0	05/03/23	05/03/23
Bromochloromethane	ND		ug/Kg	5.0	05/03/23	05/03/23
1,1,1-Trichloroethane	ND		ug/Kg	5.0	05/03/23	05/03/23
1,1-Dichloropropene	ND		ug/Kg	5.0	05/03/23	05/03/23
Carbon Tetrachloride	ND		ug/Kg	5.0	05/03/23	05/03/23
1,2-Dichloroethane	ND		ug/Kg	5.0	05/03/23	05/03/23
Benzene	ND		ug/Kg	5.0	05/03/23	05/03/23
Trichloroethene	ND		ug/Kg	5.0	05/03/23	05/03/23
1,2-Dichloropropane	ND		ug/Kg	5.0	05/03/23	05/03/23
Bromodichloromethane	ND		ug/Kg	5.0	05/03/23	05/03/23
Dibromomethane	ND		ug/Kg	5.0	05/03/23	05/03/23
4-Methyl-2-Pentanone	ND		ug/Kg	5.0	05/03/23	05/03/23
cis-1,3-Dichloropropene	ND		ug/Kg	5.0	05/03/23	05/03/23
Toluene	ND		ug/Kg	5.0	05/03/23	05/03/23
trans-1,3-Dichloropropene	ND		ug/Kg	5.0	05/03/23	05/03/23
1,1,2-Trichloroethane	ND		ug/Kg	5.0	05/03/23	05/03/23
1,3-Dichloropropane	ND		ug/Kg	5.0	05/03/23	05/03/23
Tetrachloroethene	ND		ug/Kg	5.0	05/03/23	05/03/23
Dibromochloromethane	ND		ug/Kg	5.0	05/03/23	05/03/23
1,2-Dibromoethane	ND		ug/Kg	5.0	05/03/23	05/03/23
Chlorobenzene	ND		ug/Kg	5.0	05/03/23	05/03/23
1,1,1,2-Tetrachloroethane	ND		ug/Kg	5.0	05/03/23	05/03/23
Ethylbenzene	ND		ug/Kg	5.0	05/03/23	05/03/23
m,p-Xylenes	ND		ug/Kg	10	05/03/23	05/03/23
o-Xylene	ND		ug/Kg	5.0	05/03/23	05/03/23
Styrene	ND		ug/Kg	5.0	05/03/23	05/03/23

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Batch QC

QC1063060 Analyte	Result	Qual	Units	RL	Prepared	Analyzed
Bromoform	ND		ug/Kg	5.0	05/03/23	05/03/23
Isopropylbenzene	ND		ug/Kg	5.0	05/03/23	05/03/23
1,1,2,2-Tetrachloroethane	ND		ug/Kg	5.0	05/03/23	05/03/23
1,2,3-Trichloropropane	ND		ug/Kg	5.0	05/03/23	05/03/23
Propylbenzene	ND		ug/Kg	5.0	05/03/23	05/03/23
Bromobenzene	ND		ug/Kg	5.0	05/03/23	05/03/23
1,3,5-Trimethylbenzene	ND		ug/Kg	5.0	05/03/23	05/03/23
2-Chlorotoluene	ND		ug/Kg	5.0	05/03/23	05/03/23
4-Chlorotoluene	ND		ug/Kg	5.0	05/03/23	05/03/23
tert-Butylbenzene	ND		ug/Kg	5.0	05/03/23	05/03/23
1,2,4-Trimethylbenzene	ND		ug/Kg	5.0	05/03/23	05/03/23
sec-Butylbenzene	ND		ug/Kg	5.0	05/03/23	05/03/23
para-Isopropyl Toluene	ND		ug/Kg	5.0	05/03/23	05/03/23
1,3-Dichlorobenzene	ND		ug/Kg	5.0	05/03/23	05/03/23
1,4-Dichlorobenzene	ND		ug/Kg	5.0	05/03/23	05/03/23
n-Butylbenzene	ND		ug/Kg	5.0	05/03/23	05/03/23
1,2-Dichlorobenzene	ND		ug/Kg	5.0	05/03/23	05/03/23
1,2-Dibromo-3-Chloropropane	ND		ug/Kg	5.0	05/03/23	05/03/23
1,2,4-Trichlorobenzene	ND		ug/Kg	5.0	05/03/23	05/03/23
Hexachlorobutadiene	ND		ug/Kg	5.0	05/03/23	05/03/23
Naphthalene	ND		ug/Kg	5.0	05/03/23	05/03/23
1,2,3-Trichlorobenzene	ND		ug/Kg	5.0	05/03/23	05/03/23
Surrogates				**Limits**		
Dibromofluoromethane	98%		%REC	70-130	05/03/23	05/03/23
1,2-Dichloroethane-d4	98%		%REC	70-145	05/03/23	05/03/23
Toluene-d8	99%		%REC	70-145	05/03/23	05/03/23
Bromofluorobenzene	100%		%REC	70-145	05/03/23	05/03/23

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Batch QC

Type:	**Blank**	**Lab ID:**	**QC1062992**	**Batch:**	**313064**
Matrix:	**Soil**	**Method:**	**EPA 8270C-SIM**	**Prep Method:**	**EPA 3546**

QC1062992 Analyte	Result	Qual	Units	RL	Prepared	Analyzed
1-Methylnaphthalene	ND		ug/Kg	10	05/03/23	05/04/23
2-Methylnaphthalene	ND		ug/Kg	10	05/03/23	05/04/23
Naphthalene	ND		ug/Kg	10	05/03/23	05/04/23
Acenaphthylene	ND		ug/Kg	10	05/03/23	05/04/23
Acenaphthene	ND		ug/Kg	10	05/03/23	05/04/23
Fluorene	ND		ug/Kg	10	05/03/23	05/04/23
Phenanthrene	ND		ug/Kg	10	05/03/23	05/04/23
Anthracene	ND		ug/Kg	10	05/03/23	05/04/23
Fluoranthene	ND		ug/Kg	10	05/03/23	05/04/23
Pyrene	ND		ug/Kg	10	05/03/23	05/04/23
Benzo(a)anthracene	ND		ug/Kg	10	05/03/23	05/04/23
Chrysene	ND		ug/Kg	10	05/03/23	05/04/23
Benzo(b)fluoranthene	ND		ug/Kg	10	05/03/23	05/04/23
Benzo(k)fluoranthene	ND		ug/Kg	10	05/03/23	05/04/23
Benzo(a)pyrene	ND		ug/Kg	10	05/03/23	05/04/23
Indeno(1,2,3-cd)pyrene	ND		ug/Kg	10	05/03/23	05/04/23
Dibenz(a,h)anthracene	ND		ug/Kg	10	05/03/23	05/04/23
Benzo(g,h,i)perylene	ND		ug/Kg	10	05/03/23	05/04/23
Surrogates				**Limits**		
Nitrobenzene-d5	91%		%REC	27-125	05/03/23	05/04/23
2-Fluorobiphenyl	88%		%REC	30-120	05/03/23	05/04/23
Terphenyl-d14	97%		%REC	33-155	05/03/23	05/04/23

ENTHALPY ANALYTICAL

Batch QC

Type:	**Lab Control Sample**	**Lab ID:**	**QC1062993**	**Batch:**	**313064**
Matrix:	**Soil**	**Method:**	**EPA 8270C-SIM**	**Prep Method:**	**EPA 3546**

QC1062993 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
1-Methylnaphthalene	187.6	201.0	ug/Kg	93%		28-130
2-Methylnaphthalene	218.4	201.0	ug/Kg	109%		33-130
Naphthalene	203.1	201.0	ug/Kg	101%		25-130
Acenaphthylene	195.0	201.0	ug/Kg	97%		28-130
Acenaphthene	215.7	201.0	ug/Kg	107%		32-130
Fluorene	202.5	201.0	ug/Kg	101%		35-130
Phenanthrene	216.9	201.0	ug/Kg	108%		35-132
Anthracene	212.2	201.0	ug/Kg	106%		34-136
Fluoranthene	206.3	201.0	ug/Kg	103%		34-139
Pyrene	206.8	201.0	ug/Kg	103%		35-134
Benzo(a)anthracene	220.9	201.0	ug/Kg	110%		30-132
Chrysene	212.8	201.0	ug/Kg	106%		29-130
Benzo(b)fluoranthene	232.9	201.0	ug/Kg	116%	b	32-137
Benzo(k)fluoranthene	218.3	201.0	ug/Kg	109%		32-130
Benzo(a)pyrene	229.3	201.0	ug/Kg	114%		10-138
Indeno(1,2,3-cd)pyrene	238.8	201.0	ug/Kg	119%		34-132
Dibenz(a,h)anthracene	228.0	201.0	ug/Kg	113%		32-130
Benzo(g,h,i)perylene	228.0	201.0	ug/Kg	113%		27-130
Surrogates						
Nitrobenzene-d5	219.2	201.0	ug/Kg	109%		27-125
2-Fluorobiphenyl	179.9	201.0	ug/Kg	90%		30-120
Terphenyl-d14	172.3	201.0	ug/Kg	86%		33-155

ENTHALPY ANALYTICAL

Batch QC

Type:	**Lab Control Sample Duplicate**	**Lab ID:**	**QC1062994**	**Batch:**	**313064**
Matrix:	**Soil**	**Method:**	**EPA 8270C-SIM**	**Prep Method:**	**EPA 3546**

QC1062994 Analyte	Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim
1-Methylnaphthalene	160.9	198.0	ug/Kg	81%		28-130	14	35
2-Methylnaphthalene	186.1	198.0	ug/Kg	94%		33-130	14	35
Naphthalene	170.9	198.0	ug/Kg	86%		25-130	16	35
Acenaphthylene	168.5	198.0	ug/Kg	85%		28-130	13	35
Acenaphthene	183.3	198.0	ug/Kg	93%		32-130	15	35
Fluorene	175.9	198.0	ug/Kg	89%		35-130	13	35
Phenanthrene	202.1	198.0	ug/Kg	102%		35-132	6	35
Anthracene	198.2	198.0	ug/Kg	100%		34-136	5	35
Fluoranthene	198.7	198.0	ug/Kg	100%		34-139	2	35
Pyrene	201.1	198.0	ug/Kg	102%		35-134	1	35
Benzo(a)anthracene	205.5	198.0	ug/Kg	104%		30-132	6	35
Chrysene	199.8	198.0	ug/Kg	101%		29-130	5	35
Benzo(b)fluoranthene	224.6	198.0	ug/Kg	113%	b	32-137	2	35
Benzo(k)fluoranthene	209.6	198.0	ug/Kg	106%		32-130	3	35
Benzo(a)pyrene	218.7	198.0	ug/Kg	110%		10-138	3	35
Indeno(1,2,3-cd)pyrene	236.8	198.0	ug/Kg	120%		34-132	1	35
Dibenz(a,h)anthracene	221.8	198.0	ug/Kg	112%		32-130	1	35
Benzo(g,h,i)perylene	221.7	198.0	ug/Kg	112%		27-130	1	35
Surrogates								
Nitrobenzene-d5	179.7	198.0	ug/Kg	91%		27-125		
2-Fluorobiphenyl	154.2	198.0	ug/Kg	78%		30-120		
Terphenyl-d14	166.0	198.0	ug/Kg	84%		33-155		

* Value is outside QC limits
ND Not Detected
b See narrative

Enthalpy Analytical
931 West Barkley Ave
Orange, CA 92868
(714) 771-6900

enthalpy.com

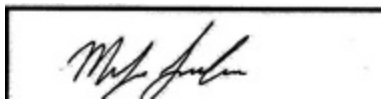
Lab Job Number: 484279
Report Level: II
Report Date: 05/09/2023

Analytical Report *prepared for:*

Peter Sims
Farallon Consulting
330 Franklin Street
Suite 200
Oakland, CA 94612

Project: 1363-005-006 - Brisbane Quarry

Authorized for release by:



Miguel Gamboa, Project Coordinator
miguel.gamboa@enthalpy.com

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 above signature which applies to this PDF file as well as any associated electronic data deliverable files. The results contained in this report meet all requirements of NELAP and pertain only to those samples which were submitted for analysis. This report may be reproduced only in its entirety.

CA ELAP# 1338, NELAP# 4038, SCAQMD LAP# 18LA0518, LACSD ID# 10105

ENTHALPY ANALYTICAL

Sample Summary

Peter Sims
Farallon Consulting
330 Franklin Street
Suite 200
Oakland, CA 94612

Lab Job #:	484279
Project No:	1363-005-006
Location:	Brisbane Quarry
Date Received:	05/01/23

Sample ID	Lab ID	Collected	Matrix
F-14-1	484279-001	05/01/23 09:45	Soil
F-14-5	484279-002	05/01/23 10:00	Soil
F-14-10	484279-003	05/01/23 10:18	Soil
F-14-15	484279-004	05/01/23 10:28	Soil
F-14-20	484279-005	05/01/23 10:35	Soil
F-14-25	484279-006	05/01/23 11:15	Soil
F-14-30	484279-007	05/01/23 11:30	Soil
F-14-35	484279-008	05/01/23 11:48	Soil
F-14-40	484279-009	05/01/23 12:00	Soil
F-14-45	484279-010	05/01/23 12:10	Soil
F-14-50	484279-011	05/01/23 13:10	Soil
F-14-55	484279-012	05/01/23 13:30	Soil
F-14-60	484279-013	05/01/23 13:40	Soil

ENTHALPY ANALYTICAL

Case Narrative

Farallon Consulting	Lab Job Number: 484279
330 Franklin Street	Project No: 1363-005-006
Suite 200	Location: Brisbane Quarry
Oakland, CA 94612	Date Received: 05/01/23
Peter Sims	

This data package contains sample and QC results for four soil samples, requested for the above referenced project on 05/01/23. The samples were received cold and intact.

TPH-Purgeables and/or BTXE by GC (EPA 8015B):
No analytical problems were encountered.

TPH-Extractables by GC (EPA 8015M):
No analytical problems were encountered.

Volatile Organics by GC/MS (EPA 8260B):
No analytical problems were encountered.

Semivolatile Organics by GC/MS (EPA 8270C):

- Low recoveries were observed for a number of analytes in the MS/MSD for batch 313063; the parent sample was not a project sample, and the LCS was within limits.
- High RPD was observed for 4-nitrophenol and pentachlorophenol in the MS/MSD for batch 313063; the parent sample was not a project sample, and these analytes were not detected at or above the RL in the associated samples.
- Low surrogate recoveries were observed for 2,4,6-tribromophenol in the MS/MSD for batch 313063; the parent sample was not a project sample. High surrogate recoveries were also observed for 2,4,6-tribromophenol in F-14-1 (lab # 484279-001) and the MS for batch 313063.
- Low surrogate recovery was observed for 2-fluorophenol in the MS for batch 313063; the parent sample was not a project sample.
- No other analytical problems were encountered.

Pesticides (EPA 8081A):

- Low recoveries were observed for delta-BHC in the MS/MSD for batch 313059; the parent sample was not a project sample, the LCS was within limits, and the associated RPD was within limits.
- No other analytical problems were encountered.

PCBs (EPA 8082):
No analytical problems were encountered.

Metals (EPA 6010B and EPA 7471A):

- Low recoveries were observed for barium and antimony in the MS/MSD for batch 313021; the parent sample was not a project sample, the LCS was within limits, and the associated RPDs were within limits.
- No other analytical problems were encountered.

ENTHALPY ANALYTICAL

Chain of Custody Record Lab No: 484279 Page: 1 of 2

Turn Around Time (rush by advanced notice only)

Standard:	STANDARD	5 Day:		3 Day:	
2 Day:		1 Day:		Custom TAT:	

Enthalpy Analytical - Berkeley
2323 5th Street, Berkeley, CA 94710
Phone 510-486-0900

Matrix: A = Air S = Soil/Solid W = Water DW = Drinking Wate SD = Sediment PP = Pure Product SEA = Sea Water SW = Swab T = Tissue WP = Wipe O = Other

Preservatives: 1 = $Na_2S_2O_3$ 2 = HCl 3 = HNO_3 4 = H_2SO_4 5 = NaOH 6 = Other

Sample Receipt Temp: (lab use only)

CUSTOMER INFORMATION		PROJECT INFORMATION	
Company:	Farallon Consulting	Name:	Brisbane Quarry
Report To:	Peter Sims	Number:	1363-005-006
Email:	Psims@farallonconsulting.com	P.O. #:	
Address:	330 Franklin Street, Suite 200	Address:	1 Quarry Road
	Oakland, CA 94607		Brisbane, California 94005
Phone:	949-338-8317	Global ID:	
Fax:		Sampled By:	J DePriest/L. Mosqueda

	Sample ID	Sampling Date	Sampling Time	Matrix	Container No. / Size	Pres.	GRO by 8015M	DRO by 8015M	ORO by 8015M	VOCs by 8260B	SVOCs by 8270	PAHs by 8270	OCPs by 8081	PCBs by 8082	Title 22 Metals by 6010D/7471	Silica by 6010D	pH by 9045D	Asbestos by CARB 435	HOLD FOR ANALYSIS
1	F-14-1	5/1/2023	09:45	S	2 jars, 1 terracore, 1 methanol, 1 DI		X	X	X	X	X				X				
2	F-14-5		10:00		2 jars, 1 terracore														X
3	F-14-10		10:18		2 jars, 1 terracore														X
4	F-14-15		10:28		1 jar, terracore														X
5	F-14-20		10:35		2 jars, 1 terracore		X	X	X	X	X		X	X	X				
6	F-14-25		11:15		2 jars, terracore														X
7	F-14-30		11:30		1 jar, terr.														X
8	F-14-35		11:48		2 jars, terracore														X
9	F-14-40		12:00		1 jar										X				
10	F-14-45	↓	12:10	↓	2 jars, terracore	↓													X

Test Instructions / Comments

	Signature	Print Name	Company / Title	Date / Time
1 Relinquished By:		Jackie DePriest	Farallon	5/1/2023 @ 14:08
1 Received By:		Audrey Hudson	ENTHALPY	5/1/23 14:10
2 Relinquished By:		"	"	5/1/23 15:37
2 Received By:		Malcolm Vivas	EA	5/1/23 15:37
3 Relinquished By:		"	"	5/1/23 16:32
3 Received By:		FedEx		5/2/23 0915

ENTHALPY ANALYTICAL

Chain of Custody Record

Lab No: 484279

Page: 2 of 2

Turn Around Time (rush by advanced notice only)

Standard: (5 DAY)	5 Day:		3 Day:	
2 Day:		1 Day:		Custom TAT:	

Enthalpy Analytical - Berkeley

2323 5th Street, Berkeley, CA 94710

Phone 510-486-0900

Matrix: A = Air S = Soil/Solid W = Water DW = Drinking Wate SD = Sediment PP = Pure Product SEA = Sea Water SW = Swab T = Tissue WP = Wipe O = Other

Preservatives: 1 = $Na_2S_2O_3$ 2 = HCl 3 = HNO_3 4 = H_2SO_4 5 = NaOH 6 = Other

Sample Receipt Temp: (lab use only)

CUSTOMER INFORMATION		PROJECT INFORMATION	
Company:	Farallon Consulting	Name:	Brisbane Quarry
Report To:	Peter Sims	Number:	1363-005-006
Email:	Psims@farallonconsulting.com	P.O. #:	
Address:	330 Franklin Street, Suite 200	Address:	1 Quarry Road
	Oakland, CA 94607		Brisbane, California 94005
Phone:	949-338-8317	Global ID:	
Fax:		Sampled By:	J DePriest/L. Mosqueda

	Sample ID	Sampling Date	Sampling Time	Matrix	Container No. / Size	Pres.	GRO by 8015M	DRO by 8015M	ORO by 8015M	VOCs by 8260B	SVOCs by 8270	PAHs by 8270	OCPs by 8081	PCBs by 8082	Title 22 Metals by 6010D/7471	Silica by 6010D	pH by 9045D	Asbestos by CARB 435	HOLD FOR ANALYSIS	Test Instructions / Comments
1	F-14-50	5/1/23	13:10	S	2 jar 1 terracore	UPRW preserved													X	
2	F-14-55	5/1/23	13:30	↓	2 jar 1 terracore	↓													X	
3	F-14-60	5/1/23	13:40	↓	1 jar										X					
4																				
5																				
6																				
7																				
8																				
9																				
10																				

	Signature	Print Name	Company / Title	Date / Time
[1] Relinquished By:	Jackie DePriest DVP	Jackie DePriest	Farallon	5/1/23 @ 14:08
[1] Received By:	Audrey Hudson	Audrey Hudson	ENTHALPY	5/1/23 14:10
[2] Relinquished By:	Audrey Hudson	" "	" "	5/1/23 15:37
[2] Received By:		Mackenzie Yip	" "	5/1/23 15:37
[3] Relinquished By:		" "	" "	5/1/23 16:32
[3] Received By:				

SAMPLE RECEIPT CHECKLIST

Section 1: Login # 484279 Client: Facilion

Date Received: 5/1/23 Project: _____

ENTHALPY

Section 2: Shipping info (if applicable) _____

Are custody seals present? ☑ No, or ☐ Yes. If yes, where? ☐ on cooler, ☐ on samples, ☐ on package

☐ Date: _____ How many _____ ☐ Signature, ☐ Initials, ☐ None

Were custody seals intact upon arrival? ☐ Yes ☐ No ☐ N/A

Samples received in a cooler? ☑ Yes, how many? 2 (my) ☐ No **(skip Section 3 below)**

If no cooler Sample Temp (°C): _____ using IR Gun # ☐ B, or ☐ C

☑ Samples received on ice directly from the field. Cooling process had begun

If in cooler: Date Opened 5/1/23 By (print) MM (sign) _____

Section 3: ***Important*: Notify PM if temperature exceeds 6°C or arrive frozen.**

Packing in cooler: (if other, describe) _____

☐ Bubble Wrap, ☐ Foam blocks, ☑ Bags, ☐ None, ☐ Cloth material, ☐ Cardboard, ☐ Styrofoam, ☐ Paper towels

☑ Samples received on ice directly from the field. Cooling process had begun

Type of ice used : ☑ Wet, ☐ Blue/Gel, ☐ None Temperature blank(s) included? ☐ Yes, ☐ No

Temperature measured using ☐ Thermometer ID: _____, or IR Gun # ☐ B ☐ C

Cooler Temp (°C): #1: _____, #2: _____, #3: _____, #4: _____, #5: _____, #6: _____, #7: _____

Section 4:	YES	NO	N/A
Were custody papers dry, filled out properly, and the project identifiable	✓		
Were Method 5035 sampling containers present?	✓		
If YES, what time were they transferred to freezer? _____			
Did all bottles arrive unbroken/unopened?	✓		
Are there any missing / extra samples?		✓	
Are samples in the appropriate containers for indicated tests?	✓		
Are sample labels present, in good condition and complete?	✓		
Does the container count match the COC?		✓	
Do the sample labels agree with custody papers?	✓		
Was sufficient amount of sample sent for tests requested?	✓		
Did you change the hold time in LIMS for unpreserved VOAs?			✓
Did you change the hold time in LIMS for preserved terracores?			✓
Are bubbles > 6mm present in VOA samples?			✓
Was the client contacted concerning this sample delivery?		✓	
If YES, who was called? _____ By _____ Date: _____			

Section 5:	YES	NO	N/A
Are the samples appropriately preserved? (if N/A, skip the rest of section 5)			
Did you check preservatives for all bottles for each sample?			
Did you document your preservative check?			

pH strip lot# _____, pH strip lot# _____, pH strip lot# _____

Preservative added:

☐ H2SO4 lot# _____ added to samples _____ on/at _____

☐ HCL lot# _____ added to samples _____ on/at _____

☐ HNO3 lot# _____ added to samples _____ on/at _____

☐ NaOH lot# _____ added to samples _____ on/at _____

Section 6:

Explanations/Comments: The count on all but -009 and -013 matches the COC.
All but -004 were sleeves, not jars as stated on the COC.

Date Logged in 5/1/23 **By (print)** MM **(sign)** _____

Date Labeled 5/1/23 **By (print)** MM **(sign)** _____

ENTHALPY ANALYTICAL

484279

SAMPLE ACCEPTANCE CHECKLIST

Section 1

Client: Farallon Consulting Project: Brisbane Quarry

Date Received: 5/2/23 Sampler's Name Present: ☒ Yes ☐ No

Section 2

Sample(s) received in a cooler? ☒ Yes, How many? 1 ☐ No (skip section 2) Sample Temp (°C) (No Cooler): ____

Sample Temp (°C), One from each cooler: #1: 4.3 #2: ____ #3: ____ #4: ____

(Acceptance range is < 6°C but not frozen (for Microbiology samples, acceptance range is < 10°C but not frozen). It is acceptable for samples collected the same day as sample receipt to have a higher temperature as long as there is evidence that cooling has begun.)

Shipping Information: SOUTHWEST AIRLINES

Section 3

Was the cooler packed with: ☒ Ice ☒ Ice Packs ☐ Bubble Wrap ☐ Styrofoam ☐ Paper ☐ None ☐ Other ____

Cooler Temp (°C): #1: 3.1 #2: ____ #3: ____ #4: ____

Section 4	YES	NO	N/A
Was a COC received?	X		
Are sample IDs present?	X		
Are sampling dates & times present?	X		
Is a relinquished signature present?	X		
Are the tests required clearly indicated on the COC?	X		
Are custody seals present?	X		
If custody seals are present, were they intact?	X		
Are all samples sealed in plastic bags? (Recommended for Microbiology samples)			X
Did all samples arrive intact? If no, indicate in Section 4 below.	X		
Did all bottle labels agree with COC? (ID, dates and times)	X		
Were the samples collected in the correct containers for the required tests?	X		
Are the containers labeled with the correct preservatives?	X		
Is there headspace in the VOA vials greater than 5-6 mm in diameter?			X
Was a sufficient amount of sample submitted for the requested tests?	X		

Section 5 Explanations/Comments

Section 6

For discrepancies, how was the Project Manager notified? ☐ Verbal PM Initials: ____ Date/Time ____

☐ Email (email sent to/on): ____ / ____

Project Manager's response:

Completed By: ____ Date: MAY 02 2023


EST AIRLINES
Printed on:
01 MAY 18:44
526 OAK 8768 5054
SNA
PC#
2 OF 6
DG
G
LOT WT
285 LB
(129.2 KG)
OAK WN 3832 01 MAY
STN FLT DA E ET
LOT 01
PC ID: 0002
PC WT: 48LB
S
526 87685054 0002

TEMP

4.3 / 3.1

ENTHALPY ANALYTICAL

Analysis Results for 484279

Peter Sims
Farallon Consulting
330 Franklin Street
Suite 200
Oakland, CA 94612

Lab Job #: 484279
Project No: 1363-005-006
Location: Brisbane Quarry
Date Received: 05/01/23

Sample ID: F-14-1 **Lab ID: 484279-001** **Collected: 05/01/23 09:45**
Matrix: Soil

484279-001 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 6010B Prep Method: EPA 3050B									
Antimony	ND		mg/Kg	2.9	0.98	313021	05/02/23	05/03/23	SBW
Arsenic	**3.4**		mg/Kg	0.98	0.98	313021	05/02/23	05/03/23	SBW
Barium	**33**		mg/Kg	0.98	0.98	313021	05/02/23	05/03/23	SBW
Beryllium	ND		mg/Kg	0.49	0.98	313021	05/02/23	05/03/23	SBW
Cadmium	ND		mg/Kg	0.49	0.98	313021	05/02/23	05/03/23	SBW
Chromium	**49**		mg/Kg	0.98	0.98	313021	05/02/23	05/03/23	SBW
Cobalt	**5.9**		mg/Kg	0.49	0.98	313021	05/02/23	05/03/23	SBW
Copper	**7.6**		mg/Kg	0.98	0.98	313021	05/02/23	05/03/23	SBW
Lead	**1.9**		mg/Kg	0.98	0.98	313021	05/02/23	05/03/23	SBW
Molybdenum	ND		mg/Kg	0.98	0.98	313021	05/02/23	05/03/23	SBW
Nickel	**30**		mg/Kg	0.98	0.98	313021	05/02/23	05/03/23	SBW
Selenium	ND		mg/Kg	2.9	0.98	313021	05/02/23	05/03/23	SBW
Silver	ND		mg/Kg	0.49	0.98	313021	05/02/23	05/03/23	SBW
Thallium	ND		mg/Kg	2.9	0.98	313021	05/02/23	05/03/23	SBW
Vanadium	**43**		mg/Kg	0.98	0.98	313021	05/02/23	05/03/23	SBW
Zinc	**24**		mg/Kg	4.9	0.98	313021	05/02/23	05/03/23	SBW
Method: EPA 7471A Prep Method: METHOD									
Mercury	ND		mg/Kg	0.17	1.2	313057	05/03/23	05/03/23	KAM
Method: EPA 8015B Prep Method: EPA 5035									
TPH Gasoline	ND		mg/Kg	1.9	0.64	313351	05/06/23	05/06/23	LYZ
Surrogates				**Limits**					
Bromofluorobenzene (FID)	79%		%REC	60-140	0.64	313351	05/06/23	05/06/23	LYZ
Method: EPA 8015M Prep Method: EPA 3580M									
DRO C10-C28	ND		mg/Kg	10	1	313158	05/04/23	05/04/23	SME
ORO C28-C44	ND		mg/Kg	20	1	313158	05/04/23	05/04/23	SME
Surrogates				**Limits**					
n-Triacontane	88%		%REC	70-130	1	313158	05/04/23	05/04/23	SME
Method: EPA 8260B Prep Method: EPA 5035									
Freon 12	ND		ug/Kg	3.5	0.69	313151	05/04/23	05/04/23	LYZ
Chloromethane	ND		ug/Kg	3.5	0.69	313151	05/04/23	05/04/23	LYZ

Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

Analysis Results for 484279

484279-001 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Vinyl Chloride	ND		ug/Kg	3.5	0.69	313151	05/04/23	05/04/23	LYZ
Bromomethane	ND		ug/Kg	3.5	0.69	313151	05/04/23	05/04/23	LYZ
Chloroethane	ND		ug/Kg	3.5	0.69	313151	05/04/23	05/04/23	LYZ
Trichlorofluoromethane	ND		ug/Kg	3.5	0.69	313151	05/04/23	05/04/23	LYZ
Acetone	ND		ug/Kg	69	0.69	313151	05/04/23	05/04/23	LYZ
Freon 113	ND		ug/Kg	3.5	0.69	313151	05/04/23	05/04/23	LYZ
1,1-Dichloroethene	ND		ug/Kg	3.5	0.69	313151	05/04/23	05/04/23	LYZ
Methylene Chloride	ND		ug/Kg	3.5	0.69	313151	05/04/23	05/04/23	LYZ
MTBE	ND		ug/Kg	3.5	0.69	313151	05/04/23	05/04/23	LYZ
trans-1,2-Dichloroethene	ND		ug/Kg	3.5	0.69	313151	05/04/23	05/04/23	LYZ
1,1-Dichloroethane	ND		ug/Kg	3.5	0.69	313151	05/04/23	05/04/23	LYZ
2-Butanone	ND		ug/Kg	69	0.69	313151	05/04/23	05/04/23	LYZ
cis-1,2-Dichloroethene	ND		ug/Kg	3.5	0.69	313151	05/04/23	05/04/23	LYZ
2,2-Dichloropropane	ND		ug/Kg	3.5	0.69	313151	05/04/23	05/04/23	LYZ
Chloroform	ND		ug/Kg	3.5	0.69	313151	05/04/23	05/04/23	LYZ
Bromochloromethane	ND		ug/Kg	3.5	0.69	313151	05/04/23	05/04/23	LYZ
1,1,1-Trichloroethane	ND		ug/Kg	3.5	0.69	313151	05/04/23	05/04/23	LYZ
1,1-Dichloropropene	ND		ug/Kg	3.5	0.69	313151	05/04/23	05/04/23	LYZ
Carbon Tetrachloride	ND		ug/Kg	3.5	0.69	313151	05/04/23	05/04/23	LYZ
1,2-Dichloroethane	ND		ug/Kg	3.5	0.69	313151	05/04/23	05/04/23	LYZ
Benzene	ND		ug/Kg	3.5	0.69	313151	05/04/23	05/04/23	LYZ
Trichloroethene	ND		ug/Kg	3.5	0.69	313151	05/04/23	05/04/23	LYZ
1,2-Dichloropropane	ND		ug/Kg	3.5	0.69	313151	05/04/23	05/04/23	LYZ
Bromodichloromethane	ND		ug/Kg	3.5	0.69	313151	05/04/23	05/04/23	LYZ
Dibromomethane	ND		ug/Kg	3.5	0.69	313151	05/04/23	05/04/23	LYZ
4-Methyl-2-Pentanone	ND		ug/Kg	5.6	0.69	313151	05/04/23	05/04/23	LYZ
cis-1,3-Dichloropropene	ND		ug/Kg	3.5	0.69	313151	05/04/23	05/04/23	LYZ
Toluene	ND		ug/Kg	3.5	0.69	313151	05/04/23	05/04/23	LYZ
trans-1,3-Dichloropropene	ND		ug/Kg	3.5	0.69	313151	05/04/23	05/04/23	LYZ
1,1,2-Trichloroethane	ND		ug/Kg	3.5	0.69	313151	05/04/23	05/04/23	LYZ
1,3-Dichloropropane	ND		ug/Kg	3.5	0.69	313151	05/04/23	05/04/23	LYZ
Tetrachloroethene	ND		ug/Kg	3.5	0.69	313151	05/04/23	05/04/23	LYZ
Dibromochloromethane	ND		ug/Kg	3.5	0.69	313151	05/04/23	05/04/23	LYZ
1,2-Dibromoethane	ND		ug/Kg	3.5	0.69	313151	05/04/23	05/04/23	LYZ
Chlorobenzene	ND		ug/Kg	3.5	0.69	313151	05/04/23	05/04/23	LYZ
1,1,1,2-Tetrachloroethane	ND		ug/Kg	3.5	0.69	313151	05/04/23	05/04/23	LYZ
Ethylbenzene	ND		ug/Kg	3.5	0.69	313151	05/04/23	05/04/23	LYZ
m,p-Xylenes	ND		ug/Kg	6.9	0.69	313151	05/04/23	05/04/23	LYZ
o-Xylene	ND		ug/Kg	3.5	0.69	313151	05/04/23	05/04/23	LYZ
Styrene	ND		ug/Kg	3.5	0.69	313151	05/04/23	05/04/23	LYZ
Bromoform	ND		ug/Kg	3.5	0.69	313151	05/04/23	05/04/23	LYZ
Isopropylbenzene	ND		ug/Kg	3.5	0.69	313151	05/04/23	05/04/23	LYZ
1,1,2,2-Tetrachloroethane	ND		ug/Kg	3.5	0.69	313151	05/04/23	05/04/23	LYZ
1,2,3-Trichloropropane	ND		ug/Kg	3.5	0.69	313151	05/04/23	05/04/23	LYZ
Propylbenzene	ND		ug/Kg	3.5	0.69	313151	05/04/23	05/04/23	LYZ
Bromobenzene	ND		ug/Kg	3.5	0.69	313151	05/04/23	05/04/23	LYZ

Results for any subcontracted analyses are not included in this section.

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Analysis Results for 484279

484279-001 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
1,3,5-Trimethylbenzene	ND		ug/Kg	3.5	0.69	313151	05/04/23	05/04/23	LYZ
2-Chlorotoluene	ND		ug/Kg	3.5	0.69	313151	05/04/23	05/04/23	LYZ
4-Chlorotoluene	ND		ug/Kg	3.5	0.69	313151	05/04/23	05/04/23	LYZ
tert-Butylbenzene	ND		ug/Kg	3.5	0.69	313151	05/04/23	05/04/23	LYZ
1,2,4-Trimethylbenzene	ND		ug/Kg	3.5	0.69	313151	05/04/23	05/04/23	LYZ
sec-Butylbenzene	ND		ug/Kg	3.5	0.69	313151	05/04/23	05/04/23	LYZ
para-Isopropyl Toluene	ND		ug/Kg	3.5	0.69	313151	05/04/23	05/04/23	LYZ
1,3-Dichlorobenzene	ND		ug/Kg	3.5	0.69	313151	05/04/23	05/04/23	LYZ
1,4-Dichlorobenzene	ND		ug/Kg	3.5	0.69	313151	05/04/23	05/04/23	LYZ
n-Butylbenzene	ND		ug/Kg	3.5	0.69	313151	05/04/23	05/04/23	LYZ
1,2-Dichlorobenzene	ND		ug/Kg	3.5	0.69	313151	05/04/23	05/04/23	LYZ
1,2-Dibromo-3-Chloropropane	ND		ug/Kg	3.5	0.69	313151	05/04/23	05/04/23	LYZ
1,2,4-Trichlorobenzene	ND		ug/Kg	3.5	0.69	313151	05/04/23	05/04/23	LYZ
Hexachlorobutadiene	ND		ug/Kg	3.5	0.69	313151	05/04/23	05/04/23	LYZ
Naphthalene	ND		ug/Kg	3.5	0.69	313151	05/04/23	05/04/23	LYZ
1,2,3-Trichlorobenzene	ND		ug/Kg	3.5	0.69	313151	05/04/23	05/04/23	LYZ
Surrogates				**Limits**					
Dibromofluoromethane	98%		%REC	70-145	0.69	313151	05/04/23	05/04/23	LYZ
1,2-Dichloroethane-d4	100%		%REC	70-145	0.69	313151	05/04/23	05/04/23	LYZ
Toluene-d8	89%		%REC	70-145	0.69	313151	05/04/23	05/04/23	LYZ
Bromofluorobenzene	102%		%REC	70-145	0.69	313151	05/04/23	05/04/23	LYZ
Method: EPA 8270C Prep Method: EPA 3546									
Carbazole	ND		ug/Kg	250	1	313063	05/03/23	05/03/23	TJW
1-Methylnaphthalene	ND		ug/Kg	250	1	313063	05/03/23	05/03/23	TJW
Pyridine	ND		ug/Kg	250	1	313063	05/03/23	05/03/23	TJW
N-Nitrosodimethylamine	ND		ug/Kg	250	1	313063	05/03/23	05/03/23	TJW
Phenol	ND		ug/Kg	250	1	313063	05/03/23	05/03/23	TJW
Aniline	ND		ug/Kg	250	1	313063	05/03/23	05/03/23	TJW
bis(2-Chloroethyl)ether	ND		ug/Kg	1,200	1	313063	05/03/23	05/03/23	TJW
2-Chlorophenol	ND		ug/Kg	250	1	313063	05/03/23	05/03/23	TJW
1,3-Dichlorobenzene	ND		ug/Kg	250	1	313063	05/03/23	05/03/23	TJW
1,4-Dichlorobenzene	ND		ug/Kg	250	1	313063	05/03/23	05/03/23	TJW
Benzyl alcohol	ND		ug/Kg	250	1	313063	05/03/23	05/03/23	TJW
1,2-Dichlorobenzene	ND		ug/Kg	250	1	313063	05/03/23	05/03/23	TJW
2-Methylphenol	ND		ug/Kg	250	1	313063	05/03/23	05/03/23	TJW
bis(2-Chloroisopropyl) ether	ND		ug/Kg	250	1	313063	05/03/23	05/03/23	TJW
3-,4-Methylphenol	ND		ug/Kg	400	1	313063	05/03/23	05/03/23	TJW
N-Nitroso-di-n-propylamine	ND		ug/Kg	250	1	313063	05/03/23	05/03/23	TJW
Hexachloroethane	ND		ug/Kg	250	1	313063	05/03/23	05/03/23	TJW
Nitrobenzene	ND		ug/Kg	1,200	1	313063	05/03/23	05/03/23	TJW
Isophorone	ND		ug/Kg	250	1	313063	05/03/23	05/03/23	TJW
2-Nitrophenol	ND		ug/Kg	250	1	313063	05/03/23	05/03/23	TJW
2,4-Dimethylphenol	ND		ug/Kg	250	1	313063	05/03/23	05/03/23	TJW
Benzoic acid	ND		ug/Kg	1,200	1	313063	05/03/23	05/03/23	TJW
bis(2-Chloroethoxy)methane	ND		ug/Kg	250	1	313063	05/03/23	05/03/23	TJW

Results for any subcontracted analyses are not included in this section.

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Analysis Results for 484279

484279-001 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
2,4-Dichlorophenol	ND		ug/Kg	250	1	313063	05/03/23	05/03/23	TJW
1,2,4-Trichlorobenzene	ND		ug/Kg	250	1	313063	05/03/23	05/03/23	TJW
Naphthalene	ND		ug/Kg	250	1	313063	05/03/23	05/03/23	TJW
4-Chloroaniline	ND		ug/Kg	250	1	313063	05/03/23	05/03/23	TJW
Hexachlorobutadiene	ND		ug/Kg	250	1	313063	05/03/23	05/03/23	TJW
4-Chloro-3-methylphenol	ND		ug/Kg	250	1	313063	05/03/23	05/03/23	TJW
2-Methylnaphthalene	ND		ug/Kg	250	1	313063	05/03/23	05/03/23	TJW
Hexachlorocyclopentadiene	ND		ug/Kg	1,200	1	313063	05/03/23	05/03/23	TJW
2,4,6-Trichlorophenol	ND		ug/Kg	250	1	313063	05/03/23	05/03/23	TJW
2,4,5-Trichlorophenol	ND		ug/Kg	250	1	313063	05/03/23	05/03/23	TJW
2-Chloronaphthalene	ND		ug/Kg	250	1	313063	05/03/23	05/03/23	TJW
2-Nitroaniline	ND		ug/Kg	250	1	313063	05/03/23	05/03/23	TJW
Dimethylphthalate	ND		ug/Kg	250	1	313063	05/03/23	05/03/23	TJW
Acenaphthylene	ND		ug/Kg	250	1	313063	05/03/23	05/03/23	TJW
2,6-Dinitrotoluene	ND		ug/Kg	250	1	313063	05/03/23	05/03/23	TJW
3-Nitroaniline	ND		ug/Kg	250	1	313063	05/03/23	05/03/23	TJW
Acenaphthene	ND		ug/Kg	250	1	313063	05/03/23	05/03/23	TJW
2,4-Dinitrophenol	ND		ug/Kg	1,200	1	313063	05/03/23	05/03/23	TJW
4-Nitrophenol	ND		ug/Kg	250	1	313063	05/03/23	05/03/23	TJW
Dibenzofuran	ND		ug/Kg	250	1	313063	05/03/23	05/03/23	TJW
2,4-Dinitrotoluene	ND		ug/Kg	250	1	313063	05/03/23	05/03/23	TJW
Diethylphthalate	ND		ug/Kg	250	1	313063	05/03/23	05/03/23	TJW
Fluorene	ND		ug/Kg	250	1	313063	05/03/23	05/03/23	TJW
4-Chlorophenyl-phenylether	ND		ug/Kg	250	1	313063	05/03/23	05/03/23	TJW
4-Nitroaniline	ND		ug/Kg	250	1	313063	05/03/23	05/03/23	TJW
4,6-Dinitro-2-methylphenol	ND		ug/Kg	250	1	313063	05/03/23	05/03/23	TJW
N-Nitrosodiphenylamine	ND		ug/Kg	250	1	313063	05/03/23	05/03/23	TJW
1,2-diphenylhydrazine (as azobenzene)	ND		ug/Kg	250	1	313063	05/03/23	05/03/23	TJW
4-Bromophenyl-phenylether	ND		ug/Kg	250	1	313063	05/03/23	05/03/23	TJW
Hexachlorobenzene	ND		ug/Kg	250	1	313063	05/03/23	05/03/23	TJW
Pentachlorophenol	ND		ug/Kg	1,200	1	313063	05/03/23	05/03/23	TJW
Phenanthrene	ND		ug/Kg	250	1	313063	05/03/23	05/03/23	TJW
Anthracene	ND		ug/Kg	250	1	313063	05/03/23	05/03/23	TJW
Di-n-butylphthalate	ND		ug/Kg	250	1	313063	05/03/23	05/03/23	TJW
Fluoranthene	ND		ug/Kg	250	1	313063	05/03/23	05/03/23	TJW
Benzidine	ND		ug/Kg	1,200	1	313063	05/03/23	05/03/23	TJW
Pyrene	ND		ug/Kg	250	1	313063	05/03/23	05/03/23	TJW
Butylbenzylphthalate	ND		ug/Kg	250	1	313063	05/03/23	05/03/23	TJW
3,3'-Dichlorobenzidine	ND		ug/Kg	1,200	1	313063	05/03/23	05/03/23	TJW
Benzo(a)anthracene	ND		ug/Kg	250	1	313063	05/03/23	05/03/23	TJW
Chrysene	ND		ug/Kg	250	1	313063	05/03/23	05/03/23	TJW
bis(2-Ethylhexyl)phthalate	ND		ug/Kg	250	1	313063	05/03/23	05/03/23	TJW
Di-n-octylphthalate	ND		ug/Kg	250	1	313063	05/03/23	05/03/23	TJW
Benzo(b)fluoranthene	ND		ug/Kg	250	1	313063	05/03/23	05/03/23	TJW
Benzo(k)fluoranthene	ND		ug/Kg	250	1	313063	05/03/23	05/03/23	TJW
Benzo(a)pyrene	ND		ug/Kg	250	1	313063	05/03/23	05/03/23	TJW

Results for any subcontracted analyses are not included in this section.

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Analysis Results for 484279

484279-001 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Indeno(1,2,3-cd)pyrene	ND		ug/Kg	250	1	313063	05/03/23	05/03/23	TJW
Dibenz(a,h)anthracene	ND		ug/Kg	250	1	313063	05/03/23	05/03/23	TJW
Benzo(g,h,i)perylene	ND		ug/Kg	250	1	313063	05/03/23	05/03/23	TJW
Surrogates				**Limits**					
2-Fluorophenol	66%		%REC	29-120	1	313063	05/03/23	05/03/23	TJW
Phenol-d6	71%		%REC	30-120	1	313063	05/03/23	05/03/23	TJW
2,4,6-Tribromophenol	125%	*	%REC	32-120	1	313063	05/03/23	05/03/23	TJW
Nitrobenzene-d5	64%		%REC	33-120	1	313063	05/03/23	05/03/23	TJW
2-Fluorobiphenyl	69%		%REC	39-120	1	313063	05/03/23	05/03/23	TJW
Terphenyl-d14	96%		%REC	44-125	1	313063	05/03/23	05/03/23	TJW

Results for any subcontracted analyses are not included in this section.

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Analysis Results for 484279

Sample ID: F-14-20	Lab ID: 484279-005	Collected: 05/01/23 10:35
	Matrix: Soil	

484279-005 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 6010B Prep Method: EPA 3050B									
Antimony	ND		mg/Kg	2.9	0.97	313021	05/02/23	05/03/23	SBW
Arsenic	**4.7**		mg/Kg	0.97	0.97	313021	05/02/23	05/03/23	SBW
Barium	**250**		mg/Kg	0.97	0.97	313021	05/02/23	05/03/23	SBW
Beryllium	**0.70**		mg/Kg	0.49	0.97	313021	05/02/23	05/03/23	SBW
Cadmium	ND		mg/Kg	0.49	0.97	313021	05/02/23	05/03/23	SBW
Chromium	**38**		mg/Kg	0.97	0.97	313021	05/02/23	05/03/23	SBW
Cobalt	**13**		mg/Kg	0.49	0.97	313021	05/02/23	05/03/23	SBW
Copper	**20**		mg/Kg	0.97	0.97	313021	05/02/23	05/03/23	SBW
Lead	**7.2**		mg/Kg	0.97	0.97	313021	05/02/23	05/03/23	SBW
Molybdenum	**1.0**		mg/Kg	0.97	0.97	313021	05/02/23	05/03/23	SBW
Nickel	**67**		mg/Kg	0.97	0.97	313021	05/02/23	05/03/23	SBW
Selenium	ND		mg/Kg	2.9	0.97	313021	05/02/23	05/03/23	SBW
Silver	ND		mg/Kg	0.49	0.97	313021	05/02/23	05/03/23	SBW
Thallium	ND		mg/Kg	2.9	0.97	313021	05/02/23	05/03/23	SBW
Vanadium	**48**		mg/Kg	0.97	0.97	313021	05/02/23	05/03/23	SBW
Zinc	**47**		mg/Kg	4.9	0.97	313021	05/02/23	05/03/23	SBW
Method: EPA 7471A Prep Method: METHOD									
Mercury	ND		mg/Kg	0.16	1.2	313057	05/03/23	05/03/23	KAM
Method: EPA 8015B Prep Method: EPA 5035									
TPH Gasoline	ND		mg/Kg	2.5	0.82	313351	05/06/23	05/06/23	LYZ
Surrogates				**Limits**					
Bromofluorobenzene (FID)	78%		%REC	60-140	0.82	313351	05/06/23	05/06/23	LYZ
Method: EPA 8015M Prep Method: EPA 3580M									
DRO C10-C28	ND		mg/Kg	9.9	0.99	313158	05/04/23	05/06/23	BJG
ORO C28-C44	ND		mg/Kg	20	0.99	313158	05/04/23	05/06/23	BJG
Surrogates				**Limits**					
n-Triacontane	84%		%REC	70-130	0.99	313158	05/04/23	05/06/23	BJG
Method: EPA 8081A Prep Method: EPA 3546									
alpha-BHC	ND		ug/Kg	5.0	1	313059	05/03/23	05/03/23	MES
beta-BHC	ND		ug/Kg	5.0	1	313059	05/03/23	05/03/23	MES
gamma-BHC	ND		ug/Kg	5.0	1	313059	05/03/23	05/03/23	MES
delta-BHC	ND		ug/Kg	5.0	1	313059	05/03/23	05/03/23	MES
Heptachlor	ND		ug/Kg	5.0	1	313059	05/03/23	05/03/23	MES
Aldrin	ND		ug/Kg	5.0	1	313059	05/03/23	05/03/23	MES
Heptachlor epoxide	ND		ug/Kg	5.0	1	313059	05/03/23	05/03/23	MES
Endosulfan I	ND		ug/Kg	5.0	1	313059	05/03/23	05/03/23	MES

Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

Analysis Results for 484279

484279-005 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Dieldrin	ND		ug/Kg	5.0	1	313059	05/03/23	05/03/23	MES
4,4'-DDE	ND		ug/Kg	5.0	1	313059	05/03/23	05/03/23	MES
Endrin	ND		ug/Kg	5.0	1	313059	05/03/23	05/03/23	MES
Endosulfan II	ND		ug/Kg	5.0	1	313059	05/03/23	05/03/23	MES
Endosulfan sulfate	ND		ug/Kg	5.0	1	313059	05/03/23	05/03/23	MES
4,4'-DDD	ND		ug/Kg	5.0	1	313059	05/03/23	05/03/23	MES
Endrin aldehyde	ND		ug/Kg	5.0	1	313059	05/03/23	05/03/23	MES
Endrin ketone	ND		ug/Kg	5.0	1	313059	05/03/23	05/03/23	MES
4,4'-DDT	ND		ug/Kg	5.0	1	313059	05/03/23	05/03/23	MES
Methoxychlor	ND		ug/Kg	10	1	313059	05/03/23	05/03/23	MES
Toxaphene	ND		ug/Kg	100	1	313059	05/03/23	05/03/23	MES
Chlordane (Technical)	ND		ug/Kg	50	1	313059	05/03/23	05/03/23	MES
Surrogates				**Limits**					
TCMX	91%		%REC	23-120	1	313059	05/03/23	05/03/23	MES
Decachlorobiphenyl	81%		%REC	24-120	1	313059	05/03/23	05/03/23	MES
Method: EPA 8082 Prep Method: EPA 3546									
Aroclor-1016	ND		ug/Kg	50	1	313059	05/03/23	05/03/23	MES
Aroclor-1221	ND		ug/Kg	50	1	313059	05/03/23	05/03/23	MES
Aroclor-1232	ND		ug/Kg	50	1	313059	05/03/23	05/03/23	MES
Aroclor-1242	ND		ug/Kg	50	1	313059	05/03/23	05/03/23	MES
Aroclor-1248	ND		ug/Kg	50	1	313059	05/03/23	05/03/23	MES
Aroclor-1254	ND		ug/Kg	50	1	313059	05/03/23	05/03/23	MES
Aroclor-1260	ND		ug/Kg	50	1	313059	05/03/23	05/03/23	MES
Surrogates				**Limits**					
Decachlorobiphenyl (PCB)	75%		%REC	19-121	1	313059	05/03/23	05/03/23	MES
Method: EPA 8260B Prep Method: EPA 5035									
Freon 12	ND		ug/Kg	3.2	0.64	313151	05/04/23	05/04/23	LYZ
Chloromethane	ND		ug/Kg	3.2	0.64	313151	05/04/23	05/04/23	LYZ
Vinyl Chloride	ND		ug/Kg	3.2	0.64	313151	05/04/23	05/04/23	LYZ
Bromomethane	ND		ug/Kg	3.2	0.64	313151	05/04/23	05/04/23	LYZ
Chloroethane	ND		ug/Kg	3.2	0.64	313151	05/04/23	05/04/23	LYZ
Trichlorofluoromethane	ND		ug/Kg	3.2	0.64	313151	05/04/23	05/04/23	LYZ
Acetone	ND		ug/Kg	64	0.64	313151	05/04/23	05/04/23	LYZ
Freon 113	ND		ug/Kg	3.2	0.64	313151	05/04/23	05/04/23	LYZ
1,1-Dichloroethene	ND		ug/Kg	3.2	0.64	313151	05/04/23	05/04/23	LYZ
Methylene Chloride	ND		ug/Kg	3.2	0.64	313151	05/04/23	05/04/23	LYZ
MTBE	ND		ug/Kg	3.2	0.64	313151	05/04/23	05/04/23	LYZ
trans-1,2-Dichloroethene	ND		ug/Kg	3.2	0.64	313151	05/04/23	05/04/23	LYZ
1,1-Dichloroethane	ND		ug/Kg	3.2	0.64	313151	05/04/23	05/04/23	LYZ
2-Butanone	ND		ug/Kg	64	0.64	313151	05/04/23	05/04/23	LYZ
cis-1,2-Dichloroethene	ND		ug/Kg	3.2	0.64	313151	05/04/23	05/04/23	LYZ
2,2-Dichloropropane	ND		ug/Kg	3.2	0.64	313151	05/04/23	05/04/23	LYZ
Chloroform	ND		ug/Kg	3.2	0.64	313151	05/04/23	05/04/23	LYZ
Bromochloromethane	ND		ug/Kg	3.2	0.64	313151	05/04/23	05/04/23	LYZ

Results for any subcontracted analyses are not included in this section.

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Analysis Results for 484279

484279-005 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
1,1,1-Trichloroethane	ND		ug/Kg	3.2	0.64	313151	05/04/23	05/04/23	LYZ
1,1-Dichloropropene	ND		ug/Kg	3.2	0.64	313151	05/04/23	05/04/23	LYZ
Carbon Tetrachloride	ND		ug/Kg	3.2	0.64	313151	05/04/23	05/04/23	LYZ
1,2-Dichloroethane	ND		ug/Kg	3.2	0.64	313151	05/04/23	05/04/23	LYZ
Benzene	ND		ug/Kg	3.2	0.64	313151	05/04/23	05/04/23	LYZ
Trichloroethene	ND		ug/Kg	3.2	0.64	313151	05/04/23	05/04/23	LYZ
1,2-Dichloropropane	ND		ug/Kg	3.2	0.64	313151	05/04/23	05/04/23	LYZ
Bromodichloromethane	ND		ug/Kg	3.2	0.64	313151	05/04/23	05/04/23	LYZ
Dibromomethane	ND		ug/Kg	3.2	0.64	313151	05/04/23	05/04/23	LYZ
4-Methyl-2-Pentanone	ND		ug/Kg	5.2	0.64	313151	05/04/23	05/04/23	LYZ
cis-1,3-Dichloropropene	ND		ug/Kg	3.2	0.64	313151	05/04/23	05/04/23	LYZ
Toluene	ND		ug/Kg	3.2	0.64	313151	05/04/23	05/04/23	LYZ
trans-1,3-Dichloropropene	ND		ug/Kg	3.2	0.64	313151	05/04/23	05/04/23	LYZ
1,1,2-Trichloroethane	ND		ug/Kg	3.2	0.64	313151	05/04/23	05/04/23	LYZ
1,3-Dichloropropane	ND		ug/Kg	3.2	0.64	313151	05/04/23	05/04/23	LYZ
Tetrachloroethene	ND		ug/Kg	3.2	0.64	313151	05/04/23	05/04/23	LYZ
Dibromochloromethane	ND		ug/Kg	3.2	0.64	313151	05/04/23	05/04/23	LYZ
1,2-Dibromoethane	ND		ug/Kg	3.2	0.64	313151	05/04/23	05/04/23	LYZ
Chlorobenzene	ND		ug/Kg	3.2	0.64	313151	05/04/23	05/04/23	LYZ
1,1,1,2-Tetrachloroethane	ND		ug/Kg	3.2	0.64	313151	05/04/23	05/04/23	LYZ
Ethylbenzene	ND		ug/Kg	3.2	0.64	313151	05/04/23	05/04/23	LYZ
m,p-Xylenes	ND		ug/Kg	6.4	0.64	313151	05/04/23	05/04/23	LYZ
o-Xylene	ND		ug/Kg	3.2	0.64	313151	05/04/23	05/04/23	LYZ
Styrene	ND		ug/Kg	3.2	0.64	313151	05/04/23	05/04/23	LYZ
Bromoform	ND		ug/Kg	3.2	0.64	313151	05/04/23	05/04/23	LYZ
Isopropylbenzene	ND		ug/Kg	3.2	0.64	313151	05/04/23	05/04/23	LYZ
1,1,2,2-Tetrachloroethane	ND		ug/Kg	3.2	0.64	313151	05/04/23	05/04/23	LYZ
1,2,3-Trichloropropane	ND		ug/Kg	3.2	0.64	313151	05/04/23	05/04/23	LYZ
Propylbenzene	ND		ug/Kg	3.2	0.64	313151	05/04/23	05/04/23	LYZ
Bromobenzene	ND		ug/Kg	3.2	0.64	313151	05/04/23	05/04/23	LYZ
1,3,5-Trimethylbenzene	ND		ug/Kg	3.2	0.64	313151	05/04/23	05/04/23	LYZ
2-Chlorotoluene	ND		ug/Kg	3.2	0.64	313151	05/04/23	05/04/23	LYZ
4-Chlorotoluene	ND		ug/Kg	3.2	0.64	313151	05/04/23	05/04/23	LYZ
tert-Butylbenzene	ND		ug/Kg	3.2	0.64	313151	05/04/23	05/04/23	LYZ
1,2,4-Trimethylbenzene	ND		ug/Kg	3.2	0.64	313151	05/04/23	05/04/23	LYZ
sec-Butylbenzene	ND		ug/Kg	3.2	0.64	313151	05/04/23	05/04/23	LYZ
para-Isopropyl Toluene	ND		ug/Kg	3.2	0.64	313151	05/04/23	05/04/23	LYZ
1,3-Dichlorobenzene	ND		ug/Kg	3.2	0.64	313151	05/04/23	05/04/23	LYZ
1,4-Dichlorobenzene	ND		ug/Kg	3.2	0.64	313151	05/04/23	05/04/23	LYZ
n-Butylbenzene	ND		ug/Kg	3.2	0.64	313151	05/04/23	05/04/23	LYZ
1,2-Dichlorobenzene	ND		ug/Kg	3.2	0.64	313151	05/04/23	05/04/23	LYZ
1,2-Dibromo-3-Chloropropane	ND		ug/Kg	3.2	0.64	313151	05/04/23	05/04/23	LYZ
1,2,4-Trichlorobenzene	ND		ug/Kg	3.2	0.64	313151	05/04/23	05/04/23	LYZ
Hexachlorobutadiene	ND		ug/Kg	3.2	0.64	313151	05/04/23	05/04/23	LYZ
Naphthalene	ND		ug/Kg	3.2	0.64	313151	05/04/23	05/04/23	LYZ
1,2,3-Trichlorobenzene	ND		ug/Kg	3.2	0.64	313151	05/04/23	05/04/23	LYZ

Results for any subcontracted analyses are not included in this section.

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Analysis Results for 484279

484279-005 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Surrogates				**Limits**					
Dibromofluoromethane	96%		%REC	70-145	0.64	313151	05/04/23	05/04/23	LYZ
1,2-Dichloroethane-d4	101%		%REC	70-145	0.64	313151	05/04/23	05/04/23	LYZ
Toluene-d8	99%		%REC	70-145	0.64	313151	05/04/23	05/04/23	LYZ
Bromofluorobenzene	96%		%REC	70-145	0.64	313151	05/04/23	05/04/23	LYZ
Method: EPA 8270C Prep Method: EPA 3546									
Carbazole	ND		ug/Kg	250	1	313063	05/03/23	05/03/23	TJW
1-Methylnaphthalene	ND		ug/Kg	250	1	313063	05/03/23	05/03/23	TJW
Pyridine	ND		ug/Kg	250	1	313063	05/03/23	05/03/23	TJW
N-Nitrosodimethylamine	ND		ug/Kg	250	1	313063	05/03/23	05/03/23	TJW
Phenol	ND		ug/Kg	250	1	313063	05/03/23	05/03/23	TJW
Aniline	ND		ug/Kg	250	1	313063	05/03/23	05/03/23	TJW
bis(2-Chloroethyl)ether	ND		ug/Kg	1,200	1	313063	05/03/23	05/03/23	TJW
2-Chlorophenol	ND		ug/Kg	250	1	313063	05/03/23	05/03/23	TJW
1,3-Dichlorobenzene	ND		ug/Kg	250	1	313063	05/03/23	05/03/23	TJW
1,4-Dichlorobenzene	ND		ug/Kg	250	1	313063	05/03/23	05/03/23	TJW
Benzyl alcohol	ND		ug/Kg	250	1	313063	05/03/23	05/03/23	TJW
1,2-Dichlorobenzene	ND		ug/Kg	250	1	313063	05/03/23	05/03/23	TJW
2-Methylphenol	ND		ug/Kg	250	1	313063	05/03/23	05/03/23	TJW
bis(2-Chloroisopropyl) ether	ND		ug/Kg	250	1	313063	05/03/23	05/03/23	TJW
3-,4-Methylphenol	ND		ug/Kg	400	1	313063	05/03/23	05/03/23	TJW
N-Nitroso-di-n-propylamine	ND		ug/Kg	250	1	313063	05/03/23	05/03/23	TJW
Hexachloroethane	ND		ug/Kg	250	1	313063	05/03/23	05/03/23	TJW
Nitrobenzene	ND		ug/Kg	1,200	1	313063	05/03/23	05/03/23	TJW
Isophorone	ND		ug/Kg	250	1	313063	05/03/23	05/03/23	TJW
2-Nitrophenol	ND		ug/Kg	250	1	313063	05/03/23	05/03/23	TJW
2,4-Dimethylphenol	ND		ug/Kg	250	1	313063	05/03/23	05/03/23	TJW
Benzoic acid	ND		ug/Kg	1,200	1	313063	05/03/23	05/03/23	TJW
bis(2-Chloroethoxy)methane	ND		ug/Kg	250	1	313063	05/03/23	05/03/23	TJW
2,4-Dichlorophenol	ND		ug/Kg	250	1	313063	05/03/23	05/03/23	TJW
1,2,4-Trichlorobenzene	ND		ug/Kg	250	1	313063	05/03/23	05/03/23	TJW
Naphthalene	ND		ug/Kg	250	1	313063	05/03/23	05/03/23	TJW
4-Chloroaniline	ND		ug/Kg	250	1	313063	05/03/23	05/03/23	TJW
Hexachlorobutadiene	ND		ug/Kg	250	1	313063	05/03/23	05/03/23	TJW
4-Chloro-3-methylphenol	ND		ug/Kg	250	1	313063	05/03/23	05/03/23	TJW
2-Methylnaphthalene	ND		ug/Kg	250	1	313063	05/03/23	05/03/23	TJW
Hexachlorocyclopentadiene	ND		ug/Kg	1,200	1	313063	05/03/23	05/03/23	TJW
2,4,6-Trichlorophenol	ND		ug/Kg	250	1	313063	05/03/23	05/03/23	TJW
2,4,5-Trichlorophenol	ND		ug/Kg	250	1	313063	05/03/23	05/03/23	TJW
2-Chloronaphthalene	ND		ug/Kg	250	1	313063	05/03/23	05/03/23	TJW
2-Nitroaniline	ND		ug/Kg	250	1	313063	05/03/23	05/03/23	TJW
Dimethylphthalate	ND		ug/Kg	250	1	313063	05/03/23	05/03/23	TJW
Acenaphthylene	ND		ug/Kg	250	1	313063	05/03/23	05/03/23	TJW
2,6-Dinitrotoluene	ND		ug/Kg	250	1	313063	05/03/23	05/03/23	TJW
3-Nitroaniline	ND		ug/Kg	250	1	313063	05/03/23	05/03/23	TJW

Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

Analysis Results for 484279

484279-005 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Acenaphthene	ND		ug/Kg	250	1	313063	05/03/23	05/03/23	TJW
2,4-Dinitrophenol	ND		ug/Kg	1,200	1	313063	05/03/23	05/03/23	TJW
4-Nitrophenol	ND		ug/Kg	250	1	313063	05/03/23	05/03/23	TJW
Dibenzofuran	ND		ug/Kg	250	1	313063	05/03/23	05/03/23	TJW
2,4-Dinitrotoluene	ND		ug/Kg	250	1	313063	05/03/23	05/03/23	TJW
Diethylphthalate	ND		ug/Kg	250	1	313063	05/03/23	05/03/23	TJW
Fluorene	ND		ug/Kg	250	1	313063	05/03/23	05/03/23	TJW
4-Chlorophenyl-phenylether	ND		ug/Kg	250	1	313063	05/03/23	05/03/23	TJW
4-Nitroaniline	ND		ug/Kg	250	1	313063	05/03/23	05/03/23	TJW
4,6-Dinitro-2-methylphenol	ND		ug/Kg	250	1	313063	05/03/23	05/03/23	TJW
N-Nitrosodiphenylamine	ND		ug/Kg	250	1	313063	05/03/23	05/03/23	TJW
1,2-diphenylhydrazine (as azobenzene)	ND		ug/Kg	250	1	313063	05/03/23	05/03/23	TJW
4-Bromophenyl-phenylether	ND		ug/Kg	250	1	313063	05/03/23	05/03/23	TJW
Hexachlorobenzene	ND		ug/Kg	250	1	313063	05/03/23	05/03/23	TJW
Pentachlorophenol	ND		ug/Kg	1,200	1	313063	05/03/23	05/03/23	TJW
Phenanthrene	ND		ug/Kg	250	1	313063	05/03/23	05/03/23	TJW
Anthracene	ND		ug/Kg	250	1	313063	05/03/23	05/03/23	TJW
Di-n-butylphthalate	ND		ug/Kg	250	1	313063	05/03/23	05/03/23	TJW
Fluoranthene	ND		ug/Kg	250	1	313063	05/03/23	05/03/23	TJW
Benzidine	ND		ug/Kg	1,200	1	313063	05/03/23	05/03/23	TJW
Pyrene	ND		ug/Kg	250	1	313063	05/03/23	05/03/23	TJW
Butylbenzylphthalate	ND		ug/Kg	250	1	313063	05/03/23	05/03/23	TJW
3,3'-Dichlorobenzidine	ND		ug/Kg	1,200	1	313063	05/03/23	05/03/23	TJW
Benzo(a)anthracene	ND		ug/Kg	250	1	313063	05/03/23	05/03/23	TJW
Chrysene	ND		ug/Kg	250	1	313063	05/03/23	05/03/23	TJW
bis(2-Ethylhexyl)phthalate	ND		ug/Kg	250	1	313063	05/03/23	05/03/23	TJW
Di-n-octylphthalate	ND		ug/Kg	250	1	313063	05/03/23	05/03/23	TJW
Benzo(b)fluoranthene	ND		ug/Kg	250	1	313063	05/03/23	05/03/23	TJW
Benzo(k)fluoranthene	ND		ug/Kg	250	1	313063	05/03/23	05/03/23	TJW
Benzo(a)pyrene	ND		ug/Kg	250	1	313063	05/03/23	05/03/23	TJW
Indeno(1,2,3-cd)pyrene	ND		ug/Kg	250	1	313063	05/03/23	05/03/23	TJW
Dibenz(a,h)anthracene	ND		ug/Kg	250	1	313063	05/03/23	05/03/23	TJW
Benzo(g,h,i)perylene	ND		ug/Kg	250	1	313063	05/03/23	05/03/23	TJW
Surrogates				**Limits**					
2-Fluorophenol	64%		%REC	29-120	1	313063	05/03/23	05/03/23	TJW
Phenol-d6	66%		%REC	30-120	1	313063	05/03/23	05/03/23	TJW
2,4,6-Tribromophenol	92%		%REC	32-120	1	313063	05/03/23	05/03/23	TJW
Nitrobenzene-d5	61%		%REC	33-120	1	313063	05/03/23	05/03/23	TJW
2-Fluorobiphenyl	65%		%REC	39-120	1	313063	05/03/23	05/03/23	TJW
Terphenyl-d14	75%		%REC	44-125	1	313063	05/03/23	05/03/23	TJW

Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

Analysis Results for 484279

Sample ID: F-14-40	Lab ID: 484279-009	Collected: 05/01/23 12:00
	Matrix: Soil	

484279-009 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 6010B Prep Method: EPA 3050B									
Antimony	ND		mg/Kg	2.9	0.98	313021	05/02/23	05/03/23	SBW
Arsenic	**3.4**		mg/Kg	0.98	0.98	313021	05/02/23	05/03/23	SBW
Barium	**52**		mg/Kg	0.98	0.98	313021	05/02/23	05/03/23	SBW
Beryllium	ND		mg/Kg	0.49	0.98	313021	05/02/23	05/03/23	SBW
Cadmium	ND		mg/Kg	0.49	0.98	313021	05/02/23	05/03/23	SBW
Chromium	**62**		mg/Kg	0.98	0.98	313021	05/02/23	05/03/23	SBW
Cobalt	**8.9**		mg/Kg	0.49	0.98	313021	05/02/23	05/03/23	SBW
Copper	**8.7**		mg/Kg	0.98	0.98	313021	05/02/23	05/03/23	SBW
Lead	**3.8**		mg/Kg	0.98	0.98	313021	05/02/23	05/03/23	SBW
Molybdenum	ND		mg/Kg	0.98	0.98	313021	05/02/23	05/03/23	SBW
Nickel	**52**		mg/Kg	0.98	0.98	313021	05/02/23	05/03/23	SBW
Selenium	ND		mg/Kg	2.9	0.98	313021	05/02/23	05/03/23	SBW
Silver	ND		mg/Kg	0.49	0.98	313021	05/02/23	05/03/23	SBW
Thallium	ND		mg/Kg	2.9	0.98	313021	05/02/23	05/03/23	SBW
Vanadium	**42**		mg/Kg	0.98	0.98	313021	05/02/23	05/03/23	SBW
Zinc	**30**		mg/Kg	4.9	0.98	313021	05/02/23	05/03/23	SBW
Method: EPA 7471A Prep Method: METHOD									
Mercury	ND		mg/Kg	0.16	1.1	313057	05/03/23	05/03/23	KAM

Results for any subcontracted analyses are not included in this section.

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Analysis Results for 484279

Sample ID: F-14-60	Lab ID: 484279-013	Collected: 05/01/23 13:40
	Matrix: Soil	

484279-013 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 6010B Prep Method: EPA 3050B									
Antimony	ND		mg/Kg	2.9	0.95	313021	05/02/23	05/03/23	SBW
Arsenic	**3.7**		mg/Kg	0.95	0.95	313021	05/02/23	05/03/23	SBW
Barium	**57**		mg/Kg	0.95	0.95	313021	05/02/23	05/03/23	SBW
Beryllium	ND		mg/Kg	0.48	0.95	313021	05/02/23	05/03/23	SBW
Cadmium	ND		mg/Kg	0.48	0.95	313021	05/02/23	05/03/23	SBW
Chromium	**59**		mg/Kg	0.95	0.95	313021	05/02/23	05/03/23	SBW
Cobalt	**9.6**		mg/Kg	0.48	0.95	313021	05/02/23	05/03/23	SBW
Copper	**10**		mg/Kg	0.95	0.95	313021	05/02/23	05/03/23	SBW
Lead	**4.4**		mg/Kg	0.95	0.95	313021	05/02/23	05/03/23	SBW
Molybdenum	**1.3**		mg/Kg	0.95	0.95	313021	05/02/23	05/03/23	SBW
Nickel	**57**		mg/Kg	0.95	0.95	313021	05/02/23	05/03/23	SBW
Selenium	ND		mg/Kg	2.9	0.95	313021	05/02/23	05/03/23	SBW
Silver	ND		mg/Kg	0.48	0.95	313021	05/02/23	05/03/23	SBW
Thallium	ND		mg/Kg	2.9	0.95	313021	05/02/23	05/03/23	SBW
Vanadium	**44**		mg/Kg	0.95	0.95	313021	05/02/23	05/03/23	SBW
Zinc	**35**		mg/Kg	4.8	0.95	313021	05/02/23	05/03/23	SBW
Method: EPA 7471A Prep Method: METHOD									
Mercury	ND		mg/Kg	0.16	1.1	313057	05/03/23	05/03/23	KAM

* Value is outside QC limits
ND Not Detected

Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

Batch QC

Type: Blank	Lab ID: QC1062682	Batch: 313021
Matrix: Soil	Method: EPA 6010B	Prep Method: EPA 3050B

QC1062682 Analyte	Result	Qual	Units	RL	Prepared	Analyzed
Antimony	ND		mg/Kg	3.0	05/02/23	05/03/23
Arsenic	ND		mg/Kg	1.0	05/02/23	05/03/23
Barium	ND		mg/Kg	1.0	05/02/23	05/03/23
Beryllium	ND		mg/Kg	0.50	05/02/23	05/03/23
Cadmium	ND		mg/Kg	0.50	05/02/23	05/03/23
Chromium	ND		mg/Kg	1.0	05/02/23	05/03/23
Cobalt	ND		mg/Kg	0.50	05/02/23	05/03/23
Copper	ND		mg/Kg	1.0	05/02/23	05/03/23
Lead	ND		mg/Kg	1.0	05/02/23	05/03/23
Molybdenum	ND		mg/Kg	1.0	05/02/23	05/03/23
Nickel	ND		mg/Kg	1.0	05/02/23	05/03/23
Selenium	ND		mg/Kg	3.0	05/02/23	05/03/23
Silver	ND		mg/Kg	0.50	05/02/23	05/03/23
Thallium	ND		mg/Kg	3.0	05/02/23	05/03/23
Vanadium	ND		mg/Kg	1.0	05/02/23	05/03/23
Zinc	ND		mg/Kg	5.0	05/02/23	05/03/23

Type: Lab Control Sample	Lab ID: QC1062683	Batch: 313021
Matrix: Soil	Method: EPA 6010B	Prep Method: EPA 3050B

QC1062683 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Antimony	95.34	100.0	mg/Kg	95%		80-120
Arsenic	100.3	100.0	mg/Kg	100%		80-120
Barium	104.8	100.0	mg/Kg	105%		80-120
Beryllium	103.6	100.0	mg/Kg	104%		80-120
Cadmium	106.2	100.0	mg/Kg	106%		80-120
Chromium	103.5	100.0	mg/Kg	103%		80-120
Cobalt	107.8	100.0	mg/Kg	108%		80-120
Copper	100.8	100.0	mg/Kg	101%		80-120
Lead	105.2	100.0	mg/Kg	105%		80-120
Molybdenum	101.5	100.0	mg/Kg	102%		80-120
Nickel	105.9	100.0	mg/Kg	106%		80-120
Selenium	93.76	100.0	mg/Kg	94%		80-120
Silver	50.81	50.00	mg/Kg	102%		80-120
Thallium	104.9	100.0	mg/Kg	105%		80-120
Vanadium	96.03	100.0	mg/Kg	96%		80-120
Zinc	103.3	100.0	mg/Kg	103%		80-120

ENTHALPY ANALYTICAL

Batch QC

Type:	Matrix Spike	Lab ID:	QC1062684	Batch:	313021
Matrix (Source ID):	Soil (484285-001)	Method:	EPA 6010B	Prep Method:	EPA 3050B

QC1062684 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Antimony	34.65	ND	97.09	mg/Kg	36%	*	75-125	0.97
Arsenic	93.64	4.069	97.09	mg/Kg	92%		75-125	0.97
Barium	213.5	163.8	97.09	mg/Kg	51%	*	75-125	0.97
Beryllium	97.59	0.4322	97.09	mg/Kg	100%		75-125	0.97
Cadmium	99.01	1.916	97.09	mg/Kg	100%		75-125	0.97
Chromium	150.0	39.50	97.09	mg/Kg	114%		75-125	0.97
Cobalt	106.7	8.016	97.09	mg/Kg	102%		75-125	0.97
Copper	117.8	15.91	97.09	mg/Kg	105%		75-125	0.97
Lead	99.05	4.650	97.09	mg/Kg	97%		75-125	0.97
Molybdenum	89.12	3.090	97.09	mg/Kg	89%		75-125	0.97
Nickel	134.4	31.05	97.09	mg/Kg	106%		75-125	0.97
Selenium	85.87	ND	97.09	mg/Kg	88%		75-125	0.97
Silver	48.69	ND	48.54	mg/Kg	100%		75-125	0.97
Thallium	94.33	0.5291	97.09	mg/Kg	97%		75-125	0.97
Vanadium	157.3	52.38	97.09	mg/Kg	108%		75-125	0.97
Zinc	136.4	46.66	97.09	mg/Kg	92%		75-125	0.97

Type:	Matrix Spike Duplicate	Lab ID:	QC1062685	Batch:	313021
Matrix (Source ID):	Soil (484285-001)	Method:	EPA 6010B	Prep Method:	EPA 3050B

QC1062685 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
Antimony	38.48	ND	95.24	mg/Kg	40%	*	75-125	12	41	0.95
Arsenic	94.98	4.069	95.24	mg/Kg	95%		75-125	3	35	0.95
Barium	216.4	163.8	95.24	mg/Kg	55%	*	75-125	2	20	0.95
Beryllium	98.76	0.4322	95.24	mg/Kg	103%		75-125	3	20	0.95
Cadmium	99.57	1.916	95.24	mg/Kg	103%		75-125	2	20	0.95
Chromium	144.8	39.50	95.24	mg/Kg	111%		75-125	2	20	0.95
Cobalt	107.4	8.016	95.24	mg/Kg	104%		75-125	2	20	0.95
Copper	116.2	15.91	95.24	mg/Kg	105%		75-125	0	20	0.95
Lead	100.5	4.650	95.24	mg/Kg	101%		75-125	3	20	0.95
Molybdenum	91.73	3.090	95.24	mg/Kg	93%		75-125	5	20	0.95
Nickel	128.9	31.05	95.24	mg/Kg	103%		75-125	3	20	0.95
Selenium	87.61	ND	95.24	mg/Kg	92%		75-125	4	20	0.95
Silver	48.79	ND	47.62	mg/Kg	102%		75-125	2	20	0.95
Thallium	96.06	0.5291	95.24	mg/Kg	100%		75-125	4	20	0.95
Vanadium	151.1	52.38	95.24	mg/Kg	104%		75-125	3	20	0.95
Zinc	135.7	46.66	95.24	mg/Kg	93%		75-125	1	20	0.95

ENTHALPY ANALYTICAL

Batch QC

Type: Blank	Lab ID: QC1062798	Batch: 313057
Matrix: Soil	Method: EPA 7471A	Prep Method: METHOD

QC1062798 Analyte	Result	Qual	Units	RL	Prepared	Analyzed
Mercury	ND		mg/Kg	0.14	05/03/23	05/03/23

Type: Lab Control Sample	Lab ID: QC1062799	Batch: 313057
Matrix: Soil	Method: EPA 7471A	Prep Method: METHOD

QC1062799 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Mercury	0.8335	0.8333	mg/Kg	100%		80-120

Type: Matrix Spike	Lab ID: QC1062800	Batch: 313057
Matrix (Source ID): Soil (484285-001)	Method: EPA 7471A	Prep Method: METHOD

QC1062800 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Mercury	0.9223	0.01073	0.9259	mg/Kg	98%		75-125	1.1

Type: Matrix Spike Duplicate	Lab ID: QC1062801	Batch: 313057
Matrix (Source ID): Soil (484285-001)	Method: EPA 7471A	Prep Method: METHOD

QC1062801 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
Mercury	0.9009	0.01073	0.8929	mg/Kg	100%		75-125	1	20	1.1

Type: Lab Control Sample	Lab ID: QC1063764	Batch: 313351
Matrix: Soil	Method: EPA 8015B	Prep Method: EPA 5035

QC1063764 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
TPH Gasoline	4.287	5.000	mg/Kg	86%		70-130
Surrogates						
Bromofluorobenzene (FID)	0.2235	0.2000	mg/Kg	112%		60-140

Type: Lab Control Sample Duplicate	Lab ID: QC1063765	Batch: 313351
Matrix: Soil	Method: EPA 8015B	Prep Method: EPA 5035

QC1063765 Analyte	Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim
TPH Gasoline	4.561	5.000	mg/Kg	91%		70-130	6	20
Surrogates								
Bromofluorobenzene (FID)	0.2292	0.2000	mg/Kg	115%		60-140		

ENTHALPY ANALYTICAL

Batch QC

Type: Blank	Lab ID: QC1063766	Batch: 313351
Matrix: Soil	Method: EPA 8015B	Prep Method: EPA 5035

QC1063766 Analyte	Result	Qual	Units	RL	Prepared	Analyzed
TPH Gasoline	ND		mg/Kg	75	05/06/23	05/06/23
Surrogates				**Limits**		
Bromofluorobenzene (FID)	83%		%REC	60-140	05/06/23	05/06/23

Type: Blank	Lab ID: QC1063767	Batch: 313351
Matrix: Soil	Method: EPA 8015B	Prep Method: EPA 5035

QC1063767 Analyte	Result	Qual	Units	RL	Prepared	Analyzed
TPH Gasoline	ND		mg/Kg	3.0	05/06/23	05/06/23
Surrogates				**Limits**		
Bromofluorobenzene (FID)	78%		%REC	60-140	05/06/23	05/06/23

Type: Blank	Lab ID: QC1063139	Batch: 313158
Matrix: Soil	Method: EPA 8015M	Prep Method: EPA 3580M

QC1063139 Analyte	Result	Qual	Units	RL	Prepared	Analyzed
DRO C10-C28	ND		mg/Kg	10	05/04/23	05/04/23
ORO C28-C44	ND		mg/Kg	20	05/04/23	05/04/23
Surrogates				**Limits**		
n-Triacontane	85%		%REC	70-130	05/04/23	05/04/23

Type: Lab Control Sample	Lab ID: QC1063140	Batch: 313158
Matrix: Soil	Method: EPA 8015M	Prep Method: EPA 3580M

QC1063140 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Diesel C10-C28	237.2	250.0	mg/Kg	95%		76-122
Surrogates						
n-Triacontane	8.255	10.00	mg/Kg	83%		70-130

Type: Matrix Spike	Lab ID: QC1063141	Batch: 313158
Matrix (Source ID): Soil (484279-001)	Method: EPA 8015M	Prep Method: EPA 3580M

QC1063141 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Diesel C10-C28	228.7	7.887	250.0	mg/Kg	88%		62-126	1
Surrogates								
n-Triacontane	8.262		10.00	mg/Kg	83%		70-130	1

ENTHALPY ANALYTICAL

Batch QC

Type:	**Matrix Spike Duplicate**	**Lab ID:**	**QC1063142**	**Batch:**	**313158**
Matrix (Source ID):	**Soil (484279-001)**	**Method:**	**EPA 8015M**	**Prep Method:**	**EPA 3580M**

QC1063142 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
Diesel C10-C28	232.4	7.887	248.3	mg/Kg	90%		62-126	2	35	0.99
Surrogates										
n-Triacontane	8.318		9.930	mg/Kg	84%		70-130			0.99

ENTHALPY ANALYTICAL

Batch QC

Type: Blank	Lab ID: QC1062809	Batch: 313059
Matrix: Soil		

QC1062809 Analyte	Result	Qual	Units	RL	Prepared	Analyzed
Method: EPA 8081A Prep Method: EPA 3546						
alpha-BHC	ND		ug/Kg	5.0	05/03/23	05/03/23
beta-BHC	ND		ug/Kg	5.0	05/03/23	05/03/23
gamma-BHC	ND		ug/Kg	5.0	05/03/23	05/03/23
delta-BHC	ND		ug/Kg	5.0	05/03/23	05/03/23
Heptachlor	ND		ug/Kg	5.0	05/03/23	05/03/23
Aldrin	ND		ug/Kg	5.0	05/03/23	05/03/23
Heptachlor epoxide	ND		ug/Kg	5.0	05/03/23	05/03/23
Endosulfan I	ND		ug/Kg	5.0	05/03/23	05/03/23
Dieldrin	ND		ug/Kg	5.0	05/03/23	05/03/23
4,4'-DDE	ND		ug/Kg	5.0	05/03/23	05/03/23
Endrin	ND		ug/Kg	5.0	05/03/23	05/03/23
Endosulfan II	ND		ug/Kg	5.0	05/03/23	05/03/23
Endosulfan sulfate	ND		ug/Kg	5.0	05/03/23	05/03/23
4,4'-DDD	ND		ug/Kg	5.0	05/03/23	05/03/23
Endrin aldehyde	ND		ug/Kg	5.0	05/03/23	05/03/23
Endrin ketone	ND		ug/Kg	5.0	05/03/23	05/03/23
4,4'-DDT	ND		ug/Kg	5.0	05/03/23	05/03/23
Methoxychlor	ND		ug/Kg	9.9	05/03/23	05/03/23
Toxaphene	ND		ug/Kg	99	05/03/23	05/03/23
Chlordane (Technical)	ND		ug/Kg	50	05/03/23	05/03/23
Surrogates				**Limits**		
TCMX	89%		%REC	23-120	05/03/23	05/03/23
Decachlorobiphenyl	94%		%REC	24-120	05/03/23	05/03/23
Method: EPA 8082 Prep Method: EPA 3546						
Aroclor-1016	ND		ug/Kg	50	05/03/23	05/03/23
Aroclor-1221	ND		ug/Kg	50	05/03/23	05/03/23
Aroclor-1232	ND		ug/Kg	50	05/03/23	05/03/23
Aroclor-1242	ND		ug/Kg	50	05/03/23	05/03/23
Aroclor-1248	ND		ug/Kg	50	05/03/23	05/03/23
Aroclor-1254	ND		ug/Kg	50	05/03/23	05/03/23
Aroclor-1260	ND		ug/Kg	50	05/03/23	05/03/23
Surrogates				**Limits**		
Decachlorobiphenyl (PCB)	83%		%REC	19-121	05/03/23	05/03/23

ENTHALPY ANALYTICAL

Batch QC

Type: Lab Control Sample	**Lab ID: QC1062810**	**Batch: 313059**
Matrix: Soil	**Method: EPA 8081A**	**Prep Method: EPA 3546**

QC1062810 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
alpha-BHC	42.01	49.07	ug/Kg	86%		22-129
beta-BHC	40.83	49.07	ug/Kg	83%		28-125
gamma-BHC	41.76	49.07	ug/Kg	85%		22-128
delta-BHC	43.70	49.07	ug/Kg	89%		24-131
Heptachlor	39.25	49.07	ug/Kg	80%		18-124
Aldrin	32.56	49.07	ug/Kg	66%		23-120
Heptachlor epoxide	40.07	49.07	ug/Kg	82%		26-120
Endosulfan I	40.52	49.07	ug/Kg	83%		25-126
Dieldrin	38.59	49.07	ug/Kg	79%		23-124
4,4'-DDE	40.44	49.07	ug/Kg	82%		28-121
Endrin	40.50	49.07	ug/Kg	83%		25-127
Endosulfan II	39.94	49.07	ug/Kg	81%		29-121
Endosulfan sulfate	37.19	49.07	ug/Kg	76%		30-121
4,4'-DDD	41.76	49.07	ug/Kg	85%		26-120
Endrin aldehyde	26.63	49.07	ug/Kg	54%		10-120
Endrin ketone	39.02	49.07	ug/Kg	80%		28-125
4,4'-DDT	35.25	49.07	ug/Kg	72%		22-125
Methoxychlor	40.23	49.07	ug/Kg	82%		28-130
Surrogates						
TCMX	39.31	49.07	ug/Kg	80%		23-120
Decachlorobiphenyl	32.44	49.07	ug/Kg	66%		24-120

ENTHALPY ANALYTICAL

Batch QC

Type:	**Matrix Spike**	**Lab ID:**	**QC1062811**	**Batch:**	**313059**
Matrix (Source ID):	**Soil (484328-001)**	**Method:**	**EPA 8081A**	**Prep Method:**	**EPA 3546**

QC1062811 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
alpha-BHC	38.46	ND	49.85	ug/Kg	77%		46-120	1
beta-BHC	42.07	1.944	49.85	ug/Kg	79%		41-120	1
gamma-BHC	37.56	ND	49.85	ug/Kg	75%		41-120	1
delta-BHC	17.92	ND	49.85	ug/Kg	36%	*	38-123	1
Heptachlor	39.68	ND	49.85	ug/Kg	80%		39-120	1
Aldrin	37.41	ND	49.85	ug/Kg	75%		34-120	1
Heptachlor epoxide	40.31	ND	49.85	ug/Kg	81%		43-120	1
Endosulfan I	40.96	ND	49.85	ug/Kg	82%		45-120	1
Dieldrin	39.38	ND	49.85	ug/Kg	79%		45-120	1
4,4'-DDE	41.65	ND	49.85	ug/Kg	84%		34-120	1
Endrin	40.15	ND	49.85	ug/Kg	81%		40-120	1
Endosulfan II	40.06	ND	49.85	ug/Kg	80%		41-120	1
Endosulfan sulfate	36.05	ND	49.85	ug/Kg	72%		42-120	1
4,4'-DDD	40.81	ND	49.85	ug/Kg	82%		41-120	1
Endrin aldehyde	32.69	ND	49.85	ug/Kg	62%		30-120	1
Endrin ketone	40.42	ND	49.85	ug/Kg	81%		45-120	1
4,4'-DDT	38.13	ND	49.85	ug/Kg	76%		35-127	1
Methoxychlor	43.22	ND	49.85	ug/Kg	87%		42-136	1
Surrogates								
TCMX	38.42		49.85	ug/Kg	77%		23-120	1
Decachlorobiphenyl	36.68		49.85	ug/Kg	74%		24-120	1

ENTHALPY ANALYTICAL

Batch QC

Type:	**Matrix Spike Duplicate**	**Lab ID:**	**QC1062812**	**Batch:**	**313059**
Matrix (Source ID):	**Soil (484328-001)**	**Method:**	**EPA 8081A**	**Prep Method:**	**EPA 3546**

QC1062812 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
alpha-BHC	42.55	ND	49.80	ug/Kg	85%		46-120	10	30	1
beta-BHC	46.90	1.944	49.80	ug/Kg	88%		41-120	11	30	1
gamma-BHC	42.12	ND	49.80	ug/Kg	85%		41-120	12	30	1
delta-BHC	18.10	ND	49.80	ug/Kg	36%	*	38-123	1	30	1
Heptachlor	44.60	ND	49.80	ug/Kg	90%		39-120	12	30	1
Aldrin	42.58	ND	49.80	ug/Kg	85%		34-120	13	30	1
Heptachlor epoxide	45.17	ND	49.80	ug/Kg	91%		43-120	11	30	1
Endosulfan I	45.78	ND	49.80	ug/Kg	92%		45-120	11	30	1
Dieldrin	43.54	ND	49.80	ug/Kg	87%		45-120	10	30	1
4,4'-DDE	46.76	ND	49.80	ug/Kg	94%		34-120	12	30	1
Endrin	46.33	ND	49.80	ug/Kg	93%		40-120	14	30	1
Endosulfan II	45.33	ND	49.80	ug/Kg	91%		41-120	12	30	1
Endosulfan sulfate	39.46	ND	49.80	ug/Kg	79%		42-120	9	30	1
4,4'-DDD	45.53	ND	49.80	ug/Kg	91%		41-120	11	30	1
Endrin aldehyde	36.91	ND	49.80	ug/Kg	71%		30-120	12	30	1
Endrin ketone	44.81	ND	49.80	ug/Kg	90%		45-120	10	30	1
4,4'-DDT	43.24	ND	49.80	ug/Kg	87%		35-127	13	30	1
Methoxychlor	49.72	ND	49.80	ug/Kg	100%		42-136	14	30	1
Surrogates										
TCMX	43.76		49.80	ug/Kg	88%		23-120			1
Decachlorobiphenyl	41.09		49.80	ug/Kg	83%		24-120			1

Type:	**Lab Control Sample**	**Lab ID:**	**QC1062813**	**Batch:**	**313059**
Matrix:	**Soil**	**Method:**	**EPA 8082**	**Prep Method:**	**EPA 3546**

QC1062813 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Aroclor-1016	453.0	498.5	ug/Kg	91%		14-150
Aroclor-1260	366.0	498.5	ug/Kg	73%		10-150
Surrogates						
Decachlorobiphenyl (PCB)	35.06	49.85	ug/Kg	70%		19-121

ENTHALPY ANALYTICAL

Batch QC

Type:	**Matrix Spike**	**Lab ID:**	**QC1062814**	**Batch:**	**313059**
Matrix (Source ID):	**Soil (484308-001)**	**Method:**	**EPA 8082**	**Prep Method:**	**EPA 3546**

QC1062814 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Aroclor-1016	435.4	ND	494.1	ug/Kg	88%		42-127	0.99
Aroclor-1260	373.9	ND	494.1	ug/Kg	76%		38-130	0.99
Surrogates								
Decachlorobiphenyl (PCB)	36.99		49.41	ug/Kg	75%		19-121	0.99

Type:	**Matrix Spike Duplicate**	**Lab ID:**	**QC1062815**	**Batch:**	**313059**
Matrix (Source ID):	**Soil (484308-001)**	**Method:**	**EPA 8082**	**Prep Method:**	**EPA 3546**

QC1062815 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
Aroclor-1016	450.8	ND	490.7	ug/Kg	92%		42-127	4	30	0.98
Aroclor-1260	377.6	ND	490.7	ug/Kg	77%		38-130	2	30	0.98
Surrogates										
Decachlorobiphenyl (PCB)	35.84		49.07	ug/Kg	73%		19-121			0.98

Type:	**Lab Control Sample**	**Lab ID:**	**QC1063108**	**Batch:**	**313151**
Matrix:	**Soil**	**Method:**	**EPA 8260B**	**Prep Method:**	**EPA 5035**

QC1063108 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
1,1-Dichloroethene	50.89	50.00	ug/Kg	102%		70-131
MTBE	47.55	50.00	ug/Kg	95%		69-130
Benzene	54.33	50.00	ug/Kg	109%		70-130
Trichloroethene	64.18	50.00	ug/Kg	128%		70-130
Toluene	52.72	50.00	ug/Kg	105%		70-130
Chlorobenzene	55.88	50.00	ug/Kg	112%		70-130
Surrogates						
Dibromofluoromethane	49.69	50.00	ug/Kg	99%		70-130
1,2-Dichloroethane-d4	47.77	50.00	ug/Kg	96%		70-145
Toluene-d8	47.88	50.00	ug/Kg	96%		70-145
Bromofluorobenzene	47.80	50.00	ug/Kg	96%		70-145

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Batch QC

Type:	**Lab Control Sample Duplicate**	**Lab ID:**	**QC1063109**	**Batch:**	**313151**
Matrix:	**Soil**	**Method:**	**EPA 8260B**	**Prep Method:**	**EPA 5035**

QC1063109 Analyte	Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim
1,1-Dichloroethene	44.98	50.00	ug/Kg	90%		70-131	12	33
MTBE	44.50	50.00	ug/Kg	89%		69-130	7	30
Benzene	48.28	50.00	ug/Kg	97%		70-130	12	30
Trichloroethene	56.04	50.00	ug/Kg	112%		70-130	14	30
Toluene	46.68	50.00	ug/Kg	93%		70-130	12	30
Chlorobenzene	50.39	50.00	ug/Kg	101%		70-130	10	30
Surrogates								
Dibromofluoromethane	50.27	50.00	ug/Kg	101%		70-130		
1,2-Dichloroethane-d4	47.26	50.00	ug/Kg	95%		70-145		
Toluene-d8	52.96	50.00	ug/Kg	106%		70-145		
Bromofluorobenzene	46.25	50.00	ug/Kg	93%		70-145		

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Batch QC

Type:	**Blank**	**Lab ID:**	**QC1063113**	**Batch:**	**313151**
Matrix:	**Soil**	**Method:**	**EPA 8260B**	**Prep Method:**	**EPA 5035**

QC1063113 Analyte	Result	Qual	Units	RL	Prepared	Analyzed
Freon 12	ND		ug/Kg	5.0	05/04/23	05/04/23
Chloromethane	ND		ug/Kg	5.0	05/04/23	05/04/23
Vinyl Chloride	ND		ug/Kg	5.0	05/04/23	05/04/23
Bromomethane	ND		ug/Kg	5.0	05/04/23	05/04/23
Chloroethane	ND		ug/Kg	5.0	05/04/23	05/04/23
Trichlorofluoromethane	ND		ug/Kg	5.0	05/04/23	05/04/23
Acetone	ND		ug/Kg	100	05/04/23	05/04/23
Freon 113	ND		ug/Kg	5.0	05/04/23	05/04/23
1,1-Dichloroethene	ND		ug/Kg	5.0	05/04/23	05/04/23
Methylene Chloride	ND		ug/Kg	5.0	05/04/23	05/04/23
MTBE	ND		ug/Kg	5.0	05/04/23	05/04/23
trans-1,2-Dichloroethene	ND		ug/Kg	5.0	05/04/23	05/04/23
1,1-Dichloroethane	ND		ug/Kg	5.0	05/04/23	05/04/23
2-Butanone	ND		ug/Kg	100	05/04/23	05/04/23
cis-1,2-Dichloroethene	ND		ug/Kg	5.0	05/04/23	05/04/23
2,2-Dichloropropane	ND		ug/Kg	5.0	05/04/23	05/04/23
Chloroform	ND		ug/Kg	5.0	05/04/23	05/04/23
Bromochloromethane	ND		ug/Kg	5.0	05/04/23	05/04/23
1,1,1-Trichloroethane	ND		ug/Kg	5.0	05/04/23	05/04/23
1,1-Dichloropropene	ND		ug/Kg	5.0	05/04/23	05/04/23
Carbon Tetrachloride	ND		ug/Kg	5.0	05/04/23	05/04/23
1,2-Dichloroethane	ND		ug/Kg	5.0	05/04/23	05/04/23
Benzene	ND		ug/Kg	5.0	05/04/23	05/04/23
Trichloroethene	ND		ug/Kg	5.0	05/04/23	05/04/23
1,2-Dichloropropane	ND		ug/Kg	5.0	05/04/23	05/04/23
Bromodichloromethane	ND		ug/Kg	5.0	05/04/23	05/04/23
Dibromomethane	ND		ug/Kg	5.0	05/04/23	05/04/23
4-Methyl-2-Pentanone	ND		ug/Kg	8.1	05/04/23	05/04/23
cis-1,3-Dichloropropene	ND		ug/Kg	5.0	05/04/23	05/04/23
Toluene	ND		ug/Kg	5.0	05/04/23	05/04/23
trans-1,3-Dichloropropene	ND		ug/Kg	5.0	05/04/23	05/04/23
1,1,2-Trichloroethane	ND		ug/Kg	5.0	05/04/23	05/04/23
1,3-Dichloropropane	ND		ug/Kg	5.0	05/04/23	05/04/23
Tetrachloroethene	ND		ug/Kg	5.0	05/04/23	05/04/23
Dibromochloromethane	ND		ug/Kg	5.0	05/04/23	05/04/23
1,2-Dibromoethane	ND		ug/Kg	5.0	05/04/23	05/04/23
Chlorobenzene	ND		ug/Kg	5.0	05/04/23	05/04/23
1,1,1,2-Tetrachloroethane	ND		ug/Kg	5.0	05/04/23	05/04/23
Ethylbenzene	ND		ug/Kg	5.0	05/04/23	05/04/23
m,p-Xylenes	ND		ug/Kg	10	05/04/23	05/04/23
o-Xylene	ND		ug/Kg	5.0	05/04/23	05/04/23
Styrene	ND		ug/Kg	5.0	05/04/23	05/04/23

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Batch QC

QC1063113 Analyte	Result	Qual	Units	RL	Prepared	Analyzed
Bromoform	ND		ug/Kg	5.0	05/04/23	05/04/23
Isopropylbenzene	ND		ug/Kg	5.0	05/04/23	05/04/23
1,1,2,2-Tetrachloroethane	ND		ug/Kg	5.0	05/04/23	05/04/23
1,2,3-Trichloropropane	ND		ug/Kg	5.0	05/04/23	05/04/23
Propylbenzene	ND		ug/Kg	5.0	05/04/23	05/04/23
Bromobenzene	ND		ug/Kg	5.0	05/04/23	05/04/23
1,3,5-Trimethylbenzene	ND		ug/Kg	5.0	05/04/23	05/04/23
2-Chlorotoluene	ND		ug/Kg	5.0	05/04/23	05/04/23
4-Chlorotoluene	ND		ug/Kg	5.0	05/04/23	05/04/23
tert-Butylbenzene	ND		ug/Kg	5.0	05/04/23	05/04/23
1,2,4-Trimethylbenzene	ND		ug/Kg	5.0	05/04/23	05/04/23
sec-Butylbenzene	ND		ug/Kg	5.0	05/04/23	05/04/23
para-Isopropyl Toluene	ND		ug/Kg	5.0	05/04/23	05/04/23
1,3-Dichlorobenzene	ND		ug/Kg	5.0	05/04/23	05/04/23
1,4-Dichlorobenzene	ND		ug/Kg	5.0	05/04/23	05/04/23
n-Butylbenzene	ND		ug/Kg	5.0	05/04/23	05/04/23
1,2-Dichlorobenzene	ND		ug/Kg	5.0	05/04/23	05/04/23
1,2-Dibromo-3-Chloropropane	ND		ug/Kg	5.0	05/04/23	05/04/23
1,2,4-Trichlorobenzene	ND		ug/Kg	5.0	05/04/23	05/04/23
Hexachlorobutadiene	ND		ug/Kg	5.0	05/04/23	05/04/23
Naphthalene	ND		ug/Kg	5.0	05/04/23	05/04/23
1,2,3-Trichlorobenzene	ND		ug/Kg	5.0	05/04/23	05/04/23
Surrogates				**Limits**		
Dibromofluoromethane	96%		%REC	70-130	05/04/23	05/04/23
1,2-Dichloroethane-d4	97%		%REC	70-145	05/04/23	05/04/23
Toluene-d8	104%		%REC	70-145	05/04/23	05/04/23
Bromofluorobenzene	99%		%REC	70-145	05/04/23	05/04/23

ENTHALPY ANALYTICAL

Batch QC

Type:	**Blank**	**Lab ID:**	**QC1062949**	**Batch:**	**313063**
Matrix:	**Soil**	**Method:**	**EPA 8270C**	**Prep Method:**	**EPA 3546**

QC1062949 Analyte	Result	Qual	Units	RL	Prepared	Analyzed
Carbazole	ND		ug/Kg	250	05/03/23	05/03/23
1-Methylnaphthalene	ND		ug/Kg	250	05/03/23	05/03/23
Pyridine	ND		ug/Kg	250	05/03/23	05/03/23
N-Nitrosodimethylamine	ND		ug/Kg	250	05/03/23	05/03/23
Phenol	ND		ug/Kg	250	05/03/23	05/03/23
Aniline	ND		ug/Kg	250	05/03/23	05/03/23
bis(2-Chloroethyl)ether	ND		ug/Kg	1,200	05/03/23	05/03/23
2-Chlorophenol	ND		ug/Kg	250	05/03/23	05/03/23
1,3-Dichlorobenzene	ND		ug/Kg	250	05/03/23	05/03/23
1,4-Dichlorobenzene	ND		ug/Kg	250	05/03/23	05/03/23
Benzyl alcohol	ND		ug/Kg	250	05/03/23	05/03/23
1,2-Dichlorobenzene	ND		ug/Kg	250	05/03/23	05/03/23
2-Methylphenol	ND		ug/Kg	250	05/03/23	05/03/23
bis(2-Chloroisopropyl) ether	ND		ug/Kg	250	05/03/23	05/03/23
3-,4-Methylphenol	ND		ug/Kg	400	05/03/23	05/03/23
N-Nitroso-di-n-propylamine	ND		ug/Kg	250	05/03/23	05/03/23
Hexachloroethane	ND		ug/Kg	250	05/03/23	05/03/23
Nitrobenzene	ND		ug/Kg	1,200	05/03/23	05/03/23
Isophorone	ND		ug/Kg	250	05/03/23	05/03/23
2-Nitrophenol	ND		ug/Kg	250	05/03/23	05/03/23
2,4-Dimethylphenol	ND		ug/Kg	250	05/03/23	05/03/23
Benzoic acid	ND		ug/Kg	1,200	05/03/23	05/03/23
bis(2-Chloroethoxy)methane	ND		ug/Kg	250	05/03/23	05/03/23
2,4-Dichlorophenol	ND		ug/Kg	250	05/03/23	05/03/23
1,2,4-Trichlorobenzene	ND		ug/Kg	250	05/03/23	05/03/23
Naphthalene	ND		ug/Kg	250	05/03/23	05/03/23
4-Chloroaniline	ND		ug/Kg	250	05/03/23	05/03/23
Hexachlorobutadiene	ND		ug/Kg	250	05/03/23	05/03/23
4-Chloro-3-methylphenol	ND		ug/Kg	250	05/03/23	05/03/23
2-Methylnaphthalene	ND		ug/Kg	250	05/03/23	05/03/23
Hexachlorocyclopentadiene	ND		ug/Kg	1,200	05/03/23	05/03/23
2,4,6-Trichlorophenol	ND		ug/Kg	250	05/03/23	05/03/23
2,4,5-Trichlorophenol	ND		ug/Kg	250	05/03/23	05/03/23
2-Chloronaphthalene	ND		ug/Kg	250	05/03/23	05/03/23
2-Nitroaniline	ND		ug/Kg	250	05/03/23	05/03/23
Dimethylphthalate	ND		ug/Kg	250	05/03/23	05/03/23
Acenaphthylene	ND		ug/Kg	250	05/03/23	05/03/23
2,6-Dinitrotoluene	ND		ug/Kg	250	05/03/23	05/03/23
3-Nitroaniline	ND		ug/Kg	250	05/03/23	05/03/23
Acenaphthene	ND		ug/Kg	250	05/03/23	05/03/23
2,4-Dinitrophenol	ND		ug/Kg	1,200	05/03/23	05/03/23
4-Nitrophenol	ND		ug/Kg	250	05/03/23	05/03/23

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Batch QC

QC1062949 Analyte	Result	Qual	Units	RL	Prepared	Analyzed
Dibenzofuran	ND		ug/Kg	250	05/03/23	05/03/23
2,4-Dinitrotoluene	ND		ug/Kg	250	05/03/23	05/03/23
Diethylphthalate	ND		ug/Kg	250	05/03/23	05/03/23
Fluorene	ND		ug/Kg	250	05/03/23	05/03/23
4-Chlorophenyl-phenylether	ND		ug/Kg	250	05/03/23	05/03/23
4-Nitroaniline	ND		ug/Kg	250	05/03/23	05/03/23
4,6-Dinitro-2-methylphenol	ND		ug/Kg	250	05/03/23	05/03/23
N-Nitrosodiphenylamine	ND		ug/Kg	250	05/03/23	05/03/23
1,2-diphenylhydrazine (as azobenzene)	ND		ug/Kg	250	05/03/23	05/03/23
4-Bromophenyl-phenylether	ND		ug/Kg	250	05/03/23	05/03/23
Hexachlorobenzene	ND		ug/Kg	250	05/03/23	05/03/23
Pentachlorophenol	ND		ug/Kg	1,200	05/03/23	05/03/23
Phenanthrene	ND		ug/Kg	250	05/03/23	05/03/23
Anthracene	ND		ug/Kg	250	05/03/23	05/03/23
Di-n-butylphthalate	ND		ug/Kg	250	05/03/23	05/03/23
Fluoranthene	ND		ug/Kg	250	05/03/23	05/03/23
Benzidine	ND		ug/Kg	1,200	05/03/23	05/03/23
Pyrene	ND		ug/Kg	250	05/03/23	05/03/23
Butylbenzylphthalate	ND		ug/Kg	250	05/03/23	05/03/23
3,3'-Dichlorobenzidine	ND		ug/Kg	1,200	05/03/23	05/03/23
Benzo(a)anthracene	ND		ug/Kg	250	05/03/23	05/03/23
Chrysene	ND		ug/Kg	250	05/03/23	05/03/23
bis(2-Ethylhexyl)phthalate	ND		ug/Kg	250	05/03/23	05/03/23
Di-n-octylphthalate	ND		ug/Kg	250	05/03/23	05/03/23
Benzo(b)fluoranthene	ND		ug/Kg	250	05/03/23	05/03/23
Benzo(k)fluoranthene	ND		ug/Kg	250	05/03/23	05/03/23
Benzo(a)pyrene	ND		ug/Kg	250	05/03/23	05/03/23
Indeno(1,2,3-cd)pyrene	ND		ug/Kg	250	05/03/23	05/03/23
Dibenz(a,h)anthracene	ND		ug/Kg	250	05/03/23	05/03/23
Benzo(g,h,i)perylene	ND		ug/Kg	250	05/03/23	05/03/23
Surrogates				**Limits**		
2-Fluorophenol	82%		%REC	29-120	05/03/23	05/03/23
Phenol-d6	87%		%REC	30-120	05/03/23	05/03/23
2,4,6-Tribromophenol	68%		%REC	32-120	05/03/23	05/03/23
Nitrobenzene-d5	90%		%REC	33-120	05/03/23	05/03/23
2-Fluorobiphenyl	71%		%REC	39-120	05/03/23	05/03/23
Terphenyl-d14	88%		%REC	44-125	05/03/23	05/03/23

ENTHALPY ANALYTICAL

Batch QC

Type: Lab Control Sample	**Lab ID: QC1062950**	**Batch: 313063**
Matrix: Soil	**Method: EPA 8270C**	**Prep Method: EPA 3546**

QC1062950 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Phenol	3,824	3731	ug/Kg	102%		42-120
2-Chlorophenol	3,570	3731	ug/Kg	96%		41-120
1,4-Dichlorobenzene	3,242	3731	ug/Kg	87%		36-120
3-,4-Methylphenol	3,968	3731	ug/Kg	106%		42-120
N-Nitroso-di-n-propylamine	4,124	3731	ug/Kg	111%		43-121
2,4-Dimethylphenol	3,928	3731	ug/Kg	105%		25-120
1,2,4-Trichlorobenzene	3,329	3731	ug/Kg	89%		38-120
4-Chloro-3-methylphenol	3,621	3731	ug/Kg	97%		40-125
2,4,5-Trichlorophenol	3,270	3731	ug/Kg	88%		40-124
Acenaphthene	3,460	3731	ug/Kg	93%		35-126
4-Nitrophenol	3,728	3731	ug/Kg	100%		24-128
2,4-Dinitrotoluene	3,535	3731	ug/Kg	95%		40-131
Pentachlorophenol	2,412	3731	ug/Kg	65%		35-120
Pyrene	3,496	3731	ug/Kg	94%		37-135
Chrysene	3,271	3731	ug/Kg	88%		38-132
Benzo(b)fluoranthene	3,470	3731	ug/Kg	93%		38-135
Surrogates						
2-Fluorophenol	2,060	1990	ug/Kg	104%		29-120
Phenol-d6	2,179	1990	ug/Kg	109%		30-120
2,4,6-Tribromophenol	1,886	1990	ug/Kg	95%		32-120
Nitrobenzene-d5	2,320	1990	ug/Kg	117%		33-120
2-Fluorobiphenyl	1,764	1990	ug/Kg	89%		39-120
Terphenyl-d14	1,940	1990	ug/Kg	97%		44-125

ENTHALPY ANALYTICAL

Batch QC

Type:	Matrix Spike	Lab ID:	QC1062951	Batch:	313063
Matrix (Source ID):	Soil (484275-011)	Method:	EPA 8270C	Prep Method:	EPA 3546

QC1062951 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Phenol	2,588	ND	3769	ug/Kg	69%		37-120	1
2-Chlorophenol	2,414	ND	3769	ug/Kg	64%		33-120	1
1,4-Dichlorobenzene	2,274	ND	3769	ug/Kg	60%		32-120	1
3-,4-Methylphenol	2,630	ND	3769	ug/Kg	70%		37-120	1
N-Nitroso-di-n-propylamine	2,359	ND	3769	ug/Kg	63%		32-120	1
2,4-Dimethylphenol	2,602	ND	3769	ug/Kg	69%		32-120	1
1,2,4-Trichlorobenzene	2,403	ND	3769	ug/Kg	64%		33-120	1
4-Chloro-3-methylphenol	3,289	ND	3769	ug/Kg	87%		41-121	1
2,4,5-Trichlorophenol	3,654	ND	3769	ug/Kg	97%		40-120	1
Acenaphthene	2,802	ND	3769	ug/Kg	74%		37-120	1
4-Nitrophenol	4,363	ND	3769	ug/Kg	116%		20-141	1
2,4-Dinitrotoluene	3,724	ND	3769	ug/Kg	99%		33-128	1
Pentachlorophenol	3,228	ND	3769	ug/Kg	86%		28-132	1
Pyrene	3,892	ND	3769	ug/Kg	103%		39-135	1
Chrysene	2,963	ND	3769	ug/Kg	79%		37-135	1
Benzo(b)fluoranthene	2,923	ND	3769	ug/Kg	78%		34-139	1
Surrogates								
2-Fluorophenol	1,336		2010	ug/Kg	66%		29-120	1
Phenol-d6	1,394		2010	ug/Kg	69%		30-120	1
2,4,6-Tribromophenol	2,636		2010	ug/Kg	131%	*	32-120	1
Nitrobenzene-d5	1,399		2010	ug/Kg	70%		33-120	1
2-Fluorobiphenyl	1,464		2010	ug/Kg	73%		39-120	1
Terphenyl-d14	2,231		2010	ug/Kg	111%		44-125	1

ENTHALPY ANALYTICAL

Batch QC

Type:	**Matrix Spike Duplicate**	**Lab ID:**	**QC1062952**	**Batch:**	**313063**
Matrix (Source ID):	**Soil (484275-011)**	**Method:**	**EPA 8270C**	**Prep Method:**	**EPA 3546**

QC1062952 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
Phenol	2,583	ND	3750	ug/Kg	69%		37-120	0	49	1
2-Chlorophenol	2,394	ND	3750	ug/Kg	64%		33-120	0	52	1
1,4-Dichlorobenzene	2,291	ND	3750	ug/Kg	61%		32-120	1	50	1
3-,4-Methylphenol	2,666	ND	3750	ug/Kg	71%		37-120	2	54	1
N-Nitroso-di-n-propylamine	2,368	ND	3750	ug/Kg	63%		32-120	1	50	1
2,4-Dimethylphenol	2,561	ND	3750	ug/Kg	68%		32-120	1	50	1
1,2,4-Trichlorobenzene	2,442	ND	3750	ug/Kg	65%		33-120	2	50	1
4-Chloro-3-methylphenol	2,963	ND	3750	ug/Kg	79%		41-121	10	43	1
2,4,5-Trichlorophenol	3,205	ND	3750	ug/Kg	85%		40-120	13	47	1
Acenaphthene	2,656	ND	3750	ug/Kg	71%		37-120	5	48	1
4-Nitrophenol	3,178	ND	3750	ug/Kg	85%		20-141	31*	30	1
2,4-Dinitrotoluene	3,052	ND	3750	ug/Kg	81%		33-128	19	50	1
Pentachlorophenol	2,340	ND	3750	ug/Kg	62%		28-132	31*	30	1
Pyrene	3,021	ND	3750	ug/Kg	81%		39-135	25	41	1
Chrysene	2,486	ND	3750	ug/Kg	66%		37-135	17	46	1
Benzo(b)fluoranthene	2,540	ND	3750	ug/Kg	68%		34-139	14	47	1
Surrogates										
2-Fluorophenol	1,346		2000	ug/Kg	67%		29-120			1
Phenol-d6	1,439		2000	ug/Kg	72%		30-120			1
2,4,6-Tribromophenol	2,145		2000	ug/Kg	107%		32-120			1
Nitrobenzene-d5	1,406		2000	ug/Kg	70%		33-120			1
2-Fluorobiphenyl	1,525		2000	ug/Kg	76%		39-120			1
Terphenyl-d14	1,715		2000	ug/Kg	86%		44-125			1

ENTHALPY ANALYTICAL

Batch QC

Type:	**Matrix Spike**	**Lab ID:**	**QC1062958**	**Batch:**	**313063**
Matrix (Source ID):	**Soil (484397-001)**	**Method:**	**EPA 8270C**	**Prep Method:**	**EPA 3546**

QC1062958 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Phenol	3,475	ND	7500	ug/Kg	46%		37-120	8
2-Chlorophenol	3,142	ND	7500	ug/Kg	42%		33-120	8
1,4-Dichlorobenzene	4,688	ND	7500	ug/Kg	63%		32-120	8
3-,4-Methylphenol	3,878	ND	7500	ug/Kg	52%		37-120	8
N-Nitroso-di-n-propylamine	5,886	ND	7500	ug/Kg	78%		32-120	8
2,4-Dimethylphenol	4,269	ND	7500	ug/Kg	57%		32-120	8
1,2,4-Trichlorobenzene	4,707	ND	7500	ug/Kg	63%		33-120	8
4-Chloro-3-methylphenol	3,007	ND	7500	ug/Kg	40%	*	41-121	8
2,4,5-Trichlorophenol	1,061	ND	7500	ug/Kg	14%	*	40-120	8
Acenaphthene	5,142	ND	7500	ug/Kg	69%		37-120	8
4-Nitrophenol	41.13	ND	7500	ug/Kg		DO	20-141	8
2,4-Dinitrotoluene	2,782	ND	7500	ug/Kg	37%		33-128	8
Pentachlorophenol	0	ND	7500	ug/Kg	0%	ND,*	28-132	8
Pyrene	4,639	ND	7500	ug/Kg	62%		39-135	8
Chrysene	3,742	ND	7500	ug/Kg	50%		37-135	8
Benzo(b)fluoranthene	3,232	ND	7500	ug/Kg	43%		34-139	8
Surrogates								
2-Fluorophenol	1,060		4000	ug/Kg	27%	*	29-120	8
Phenol-d6	1,816		4000	ug/Kg	45%		30-120	8
2,4,6-Tribromophenol	706.0		4000	ug/Kg	18%	*	32-120	8
Nitrobenzene-d5	2,842		4000	ug/Kg	71%		33-120	8
2-Fluorobiphenyl	2,616		4000	ug/Kg	65%		39-120	8
Terphenyl-d14	2,671		4000	ug/Kg	67%		44-125	8

ENTHALPY ANALYTICAL

Batch QC

Type:	**Matrix Spike Duplicate**	**Lab ID:**	**QC1062959**	**Batch:**	**313063**
Matrix (Source ID):	**Soil (484397-001)**	**Method:**	**EPA 8270C**	**Prep Method:**	**EPA 3546**

QC1062959 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
Phenol	4,497	ND	7500	ug/Kg	60%		37-120	26	49	8
2-Chlorophenol	3,767	ND	7500	ug/Kg	50%		33-120	18	52	8
1,4-Dichlorobenzene	5,030	ND	7500	ug/Kg	67%		32-120	7	50	8
3-,4-Methylphenol	4,892	ND	7500	ug/Kg	65%		37-120	23	54	8
N-Nitroso-di-n-propylamine	6,622	ND	7500	ug/Kg	88%		32-120	12	50	8
2,4-Dimethylphenol	5,406	ND	7500	ug/Kg	72%		32-120	24	50	8
1,2,4-Trichlorobenzene	5,362	ND	7500	ug/Kg	71%		33-120	13	50	8
4-Chloro-3-methylphenol	3,785	ND	7500	ug/Kg	50%		41-121	23	43	8
2,4,5-Trichlorophenol	1,418	ND	7500	ug/Kg	19%	*	40-120	29	47	8
Acenaphthene	5,991	ND	7500	ug/Kg	80%		37-120	15	48	8
4-Nitrophenol	309.6	ND	7500	ug/Kg	4%	*	20-141		30	8
2,4-Dinitrotoluene	3,464	ND	7500	ug/Kg	46%		33-128	22	50	8
Pentachlorophenol	0	ND	7500	ug/Kg	0%	ND,*	28-132		30	8
Pyrene	5,600	ND	7500	ug/Kg	75%		39-135	19	41	8
Chrysene	5,053	ND	7500	ug/Kg	67%		37-135	30	46	8
Benzo(b)fluoranthene	3,969	ND	7500	ug/Kg	53%		34-139	20	47	8
Surrogates										
2-Fluorophenol	1,562		4000	ug/Kg	39%		29-120			8
Phenol-d6	2,326		4000	ug/Kg	58%		30-120			8
2,4,6-Tribromophenol	1,082		4000	ug/Kg	27%	*	32-120			8
Nitrobenzene-d5	3,399		4000	ug/Kg	85%		33-120			8
2-Fluorobiphenyl	3,008		4000	ug/Kg	75%		39-120			8
Terphenyl-d14	3,193		4000	ug/Kg	80%		44-125			8

* Value is outside QC limits
DO Diluted Out
ND Not Detected

Enthalpy Analytical
931 West Barkley Ave
Orange, CA 92868
(714) 771-6900

enthalpy.com

Lab Job Number:	484369
Report Level:	II
Report Date:	05/10/2023

Analytical Report *prepared for:*

Peter Sims
Farallon Consulting
330 Franklin Street
Suite 200
Oakland, CA 94612

Project: 1363-005-006 - Brisbane Quarry

Authorized for release by:

Sophia Baughman, Project Manager
sophia.baughman@enthalpy.com

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 above signature which applies to this PDF file as well as any associated electronic data deliverable files. The results contained in this report meet all requirements of NELAP and pertain only to those samples which were submitted for analysis. This report may be reproduced only in its entirety.

CA ELAP# 1338, NELAP# 4038, SCAQMD LAP# 18LA0518, LACSD ID# 10105

ENTHALPY ANALYTICAL

Sample Summary

Peter Sims
Farallon Consulting
330 Franklin Street
Suite 200
Oakland, CA 94612

Lab Job #:	484369
Project No:	1363-005-006
Location:	Brisbane Quarry
Date Received:	05/02/23

Sample ID	Lab ID	Collected	Matrix
F-9-0.5	484369-001	05/01/23 14:59	Soil
F-9-1.0	484369-002	05/01/23 14:27	Soil
F-9-3.0	484369-003	05/01/23 14:32	Soil
F-9-5.0	484369-004	05/01/23 14:36	Soil
F-8-1.0	484369-005	05/01/23 15:30	Soil
F-8-3.0	484369-006	05/01/23 15:32	Soil
F-8-5.0	484369-007	05/01/23 15:35	Soil
F-12-4.0	484369-008	05/02/23 11:04	Soil
F-12-10.0	484369-009	05/02/23 10:23	Soil
F-12-15.0	484369-010	05/02/23 10:27	Soil
F-12-5.0	484369-011	05/02/23 10:18	Soil
F-13-5.0	484369-012	05/02/23 08:56	Soil
F-13-10.0	484369-013	05/02/23 09:04	Soil
F-13-15.0	484369-014	05/02/23 09:08	Soil
F-20-5.0	484369-015	05/02/23 13:24	Soil
F-20-10.0	484369-016	05/02/23 13:44	Soil

ENTHALPY ANALYTICAL

Case Narrative

Farallon Consulting	Lab Job Number: 484369
330 Franklin Street	Project No: 1363-005-006
Suite 200	Location: Brisbane Quarry
Oakland, CA 94612	Date Received: 05/02/23
Peter Sims	

This data package contains sample and QC results for eleven soil samples, requested for the above referenced project on 05/02/23. The samples were received cold and intact.

TPH-Purgeables and/or BTXE by GC (EPA 8015B):
No analytical problems were encountered.

TPH-Extractables by GC (EPA 8015M):

- A number of samples were diluted due to the dark and viscous nature of the sample extracts.
- F-12-4.0 (lab # 484369-008) was diluted due to the dark color of the sample extract.
- No other analytical problems were encountered.

Volatile Organics by GC/MS (EPA 8260B):
No analytical problems were encountered.

Semivolatile Organics by GC/MS (EPA 8270C):
No analytical problems were encountered.

Semivolatile Organics by GC/MS SIM (EPA 8270C-SIM):

- High recoveries were observed for a number of analytes in the MSD of F-9-0.5 (lab # 484369-001); the LCS was within limits. High RPD was observed for fluoranthene and pyrene in the MS/MSD of F-9-0.5 (lab # 484369-001); these analytes were not detected at or above the RL in the associated samples.
- F-9-0.5 (lab # 484369-001), F-8-1.0 (lab # 484369-005), and F-8-3.0 (lab # 484369-006) were diluted due to the dark and viscous nature of the sample extracts.
- No other analytical problems were encountered.

Pesticides (EPA 8081A):

- Low recoveries were observed for delta-BHC in the MS/MSD for batch 313059; the parent sample was not a project sample, the LCS was within limits, and the associated RPD was within limits.
- F-12-4.0 (lab # 484369-008) was diluted due to the color of the sample extract.
- No other analytical problems were encountered.

PCBs (EPA 8082):
No analytical problems were encountered.

Metals (EPA 6010B and EPA 7471A):

- Low recoveries were observed for antimony in the MS/MSD of F-9-0.5 (lab # 484369-001); the LCS was within limits, and the associated RPD was within limits.
- No other analytical problems were encountered.

Asbestos (CARB 435):

SGS Forensic in Hayward, CA performed the analysis (see sublab report section for certifications). Please see the SGS Forensic case narrative.

ENTHALPY ANALYTICAL

Chain of Custody Record

Lab No: 484369

Page: 1 of 2

Turn Around Time (rush by advanced notice only)

Standard:	X	5 Day:		3 Day:	
2 Day:		1 Day:		Custom TAT:	

Enthalpy Analytical - Berkeley
2323 5th Street, Berkeley, CA 94710
Phone 510-486-0900

Matrix: A = Air S = Soil/Solid W = Water DW = Drinking Wate SD = Sediment PP = Pure Product SEA = Sea Water SW = Swab T = Tissue WP = Wipe O = Other

Preservatives: 1 = $Na_2S_2O_3$ 2 = HCl 3 = HNO_3 4 = H_2SO_4 5 = NaOH 6 = Other

Sample Receipt Temp: (lab use only)

CUSTOMER INFORMATION		PROJECT INFORMATION	
Company:	Farallon Consulting	Name:	Brisbane Quarry
Report To:	Peter Sims	Number:	1363-005-006
Email:	Psims@farallonconsulting.com	P.O. #:	
Address:	330 Franklin Street, Suite 200	Address:	1 Quarry Road
	Oakland, CA 94607		Brisbane, California 94005
Phone:	949-338-8317	Global ID:	
Fax:		Sampled By:	J DePriest/L. Mosqueda

	Sample ID	Sampling Date	Sampling Time	Matrix	Container No. / Size	Pres.	GRO by 8015M	DRO by 8015M	ORO by 8015M	VOCs by 8260B	SVOCs by 8270	PAHs by 8270	OCPs by 8081	PCBs by 8082	Title 22 Metals by 6010D/7471	Silica by 6010D	pH by 9045D	Asbestos by CARB 435	HOLD FOR ANALYSIS	Test Instructions / Comments
1	F-9-0.5	05/01/2023	1459	Soil	5 1602 VOA	MeOH	✓	✓	✓	✓		✓			✓					
2	F-9-1.0		1427				✓	✓	✓	✓		✓			✓					
3	F-9-3.0		1432				✓	✓	✓	✓		✓								
4	F-9-5.0		1436																✓	
5	F-8-1.0		1530				✓	✓	✓	✓		✓			✓					
6	F-8-3.0		1532				✓	✓	✓	✓		✓								
7	F-8-5.0	↓	1535		↓														✓	
8	F-12-~~5.0~~4.0	05/02/2023	~~0856~~ 1104		6 1602, VOA, 4oz		✓	✓	✓	✓	✓		✓	✓	✓			✓		
9	F-12-10.0		~~0904~~ 1108		5 1602, VOA														✓	
10	F-12-15.0	↓	~~0908~~ 1107	↓	6 1602, VOA 4oz	↓									✓			✓		

	Signature	Print Name	Company / Title	Date / Time
[1] Relinquished By:	Lenn Mosqueda	L. Mosqueda	Farallon, Staff Geologist	05/02/2023 2:25pm
[1] Received By:	Audrey Hudson	AUDREY HUDSON	ENTHALPY	5/2/23 22:28PM
[2] Relinquished By:	Audrey Hudson	"	"	5/2/23 16:07
[2] Received By:		Marcin Lipp	EA	5/2/23 16:07
[3] Relinquished By:		LBarfuss	FEA	5/2/23 1741
[3] Received By:		FPowers	EA	5/3/23 1001

ENTHALPY ANALYTICAL

Chain of Custody Record

Lab No: 484369

Page: 2 of 2

Turn Around Time (rush by advanced notice only)

Standard:	X	5 Day:		3 Day:	
2 Day:		1 Day:		Custom TAT:	

Enthalpy Analytical - Berkeley

2323 5th Street, Berkeley, CA 94710

Phone 510-486-0900

Matrix: A = Air S = Soil/Solid W = Water DW = Drinking Wate SD = Sediment PP = Pure Product SEA = Sea Water SW = Swab T = Tissue WP = Wipe O = Other

Preservatives: 1 = $Na_2S_2O_3$ 2 = HCl 3 = HNO_3 4 = H_2SO_4 5 = NaOH 6 = Other

Sample Receipt Temp: (lab use only)

CUSTOMER INFORMATION		PROJECT INFORMATION	
Company:	Farallon Consulting	Name:	Brisbane Quarry
Report To:	Peter Sims	Number:	1363-005-006
Email:	Psims@farallonconsulting.com	P.O. #:	
Address:	330 Franklin Street, Suite 200	Address:	1 Quarry Road
	Oakland, CA 94607		Brisbane, California 94005
Phone:	949-338-8317	Global ID:	
Fax:		Sampled By:	J DePriest/L. Mosqueda

	Sample ID	Sampling Date	Sampling Time	Matrix	Container No. / Size	Pres.	GRO by 8015M	DRO by 8015M	ORO by 8015M	VOCs by 8260B	SVOCs by 8270	PAHs by 8270	OCPs by 8081	PCBs by 8082	Title 22 Metals by 6010D/7471	Silica by 6010D	pH by 9045D	Asbestos by CARB 435	HOLD FOR ANALYSIS	Test Instructions / Comments
1	F-12-5.0	05/02/2023	1018	Soil	5 1602 VOA	MeOH													✓	
2	F-13-5.0		0856		6, 1602,40z VOA										✓			✓		
3	F-13-10.0		0904		5, 1602 VOA														✓	
4	F-13-15.0		0908		6 1602,40z VOA		✓	✓	✓	✓	✓		✓	✓	✓			✓		
5	F-20-5.0		1324		1, 1602										✓					
6	F-20-10.0		1344		5, 1602 VOA	MeOH	✓	✓	✓	✓	✓				✓					
7																				
8																				
9																				
10																				

	Signature	Print Name	Company / Title	Date / Time
1 Relinquished By:	Jason Mosqueda	L. Mosqueda	Farallon, Staff Geologist	05/02/2023 2:25pm
1 Received By:	Audrey Hudson	AUDREY HUDSON	ENTHALPY	5/2/23 2:23 PM
2 Relinquished By:	Audrey Hudson	"	"	5/2/23 16:07
2 Received By:		Marcenille Yip	EA	5/2/23 16:07
3 Relinquished By:		Courier	EA	5/2/23 17:41
3 Received By:				

SAMPLE RECEIPT CHECKLIST

Section 1: Login # 484369 Client: Fercllon

Date Received: 5/2/23 Project: _____

ENTHALPY

Section 2: Shipping info (if applicable) _____

Are custody seals present? ☑ No, or ☐ Yes. If yes, where? ☐ on cooler, ☐ on samples, ☐ on package

☐ Date: _____ How many _____ ☐ Signature, ☐ Initials, ☐ None

Were custody seals intact upon arrival? ☐ Yes ☐ No ☐ N/A

Samples received in a cooler? ☑ Yes, how many? 1 ☐ No **(skip Section 3 below)**

If no cooler Sample Temp (°C): _____ using IR Gun # ☐ B, or ☐ C

☐ Samples received on ice directly from the field. Cooling process had begun

If in cooler: Date Opened 5/2/23 By (print) VEP formy (sign) _____

Section 3: ***Important*: Notify PM if temperature exceeds 6°C or arrive frozen.**

Packing in cooler: (if other, describe) _____

☐ Bubble Wrap, ☐ Foam blocks, ☑ Bags, ☐ None, ☐ Cloth material, ☐ Cardboard, ☐ Styrofoam, ☐ Paper towels

☐ Samples received on ice directly from the field. Cooling process had begun

Type of ice used: ☑ Wet, ☐ Blue/Gel, ☐ None Temperature blank(s) included? ☐ Yes, ☐ No

Temperature measured using ☐ Thermometer ID: _____, or IR Gun # ☐ B ☐ C

Cooler Temp (°C): #1: 3.3, #2: _____, #3: _____, #4: _____, #5: _____, #6: _____, #7: _____

Section 4:	YES	NO	N/A
Were custody papers dry, filled out properly, and the project identifiable	✓		
Were Method 5035 sampling containers present?	✓		
If YES, what time were they transferred to freezer? _____			
Did all bottles arrive unbroken/unopened?	✓		
Are there any missing / extra samples?		✓	
Are samples in the appropriate containers for indicated tests?	✓		
Are sample labels present, in good condition and complete?	✓		
Does the container count match the COC?	✓		
Do the sample labels agree with custody papers? VEP	✓	✓	
Was sufficient amount of sample sent for tests requested?	✓		
Did you change the hold time in LIMS for unpreserved VOAs?			✓
Did you change the hold time in LIMS for preserved terracores?			✓
Are bubbles > 6mm present in VOA samples?			
Was the client contacted concerning this sample delivery?		✓	
If YES, who was called? _____ By _____ Date: _____			

Section 5:	YES	NO	N/A
Are the samples appropriately preserved? (if N/A, skip the rest of section 5)			
Did you check preservatives for all bottles for each sample?			
Did you document your preservative check?			

pH strip lot# _____, pH strip lot# _____, pH strip lot# _____

Preservative added:

☐ H2SO4 lot# _____ added to samples _____ on/at _____

☐ HCL lot# _____ added to samples _____ on/at _____

☐ HNO3 lot# _____ added to samples _____ on/at _____

☐ NaOH lot# _____ added to samples _____ on/at _____

Section 6:

Explanations/Comments: -001 sample time does not match COC (Jar). -003 received Terracore has incorrect sample ID

Date Logged in 5/2/23 **By (print)** VEP formy (sign) _____

Date Labeled 5/2/23 **By (print)** VEP (sign) _____

ENTHALPY ANALYTICAL

484369

SAMPLE ACCEPTANCE CHECKLIST

Section 1

Client: Farallon Consulting Project: Brisbane Quarry

Date Received: 05/03/23 Sampler's Name Present: ☑ Yes ☐ No

Section 2

Sample(s) received in a cooler? ☑ Yes, How many? 1 ☐ No (skip section 2) Sample Temp (°C) (No Cooler): _____

Sample Temp (°C), One from each cooler: #1: 3.5 #2: _____ #3: _____ #4: _____

(Acceptance range is < 6°C but not frozen (for Microbiology samples, acceptance range is < 10°C but not frozen). It is acceptable for samples collected the same day as sample receipt to have a higher temperature as long as there is evidence that cooling has begun.)

Shipping Information: Southwest

Section 3

Was the cooler packed with: ☑ Ice ☑ Ice Packs ☐ Bubble Wrap ☐ Styrofoam ☐ Paper ☐ None ☐ Other _____

Cooler Temp (°C): #1: 3.0 #2: _____ #3: _____ #4: _____

Section 4	YES	NO	N/A
Was a COC received?	✔		
Are sample IDs present?	✔		
Are sampling dates & times present?	✔		
Is a relinquished signature present?	✔		
Are the tests required clearly indicated on the COC?	✔		
Are custody seals present?	✔		
If custody seals are present, were they intact?	✔		
Are all samples sealed in plastic bags? (Recommended for Microbiology samples)			✔
Did all samples arrive intact? If no, indicate in Section 4 below.	✔		
Did all bottle labels agree with COC? (ID, dates and times)	✔		
Were the samples collected in the correct containers for the required tests?	✔		
Are the containers labeled with the correct preservatives?	✔		
Is there headspace in the VOA vials greater than 5-6 mm in diameter?			✔
Was a sufficient amount of sample submitted for the requested tests?	✔		

Section 5 Explanations/Comments

484369

Section 6

For discrepancies, how was the Project Manager notified? ☐ Verbal PM Initials: _____ Date/Time _____

☐ Email (email sent to/on): _____ / _____

Project Manager's response:

Completed By: _____ Date: MAY 03 2023

@10:01

SOUTHWEST AIRLINES

Printed on:
02 MAY 18:49

526 OAK 8773 1792

SNA

PC# 2 OF 9 | DG G | LOT WT 420 LB (190.6 KG)

OAK WN 433 03 MAY 08:30

STN FLT DATE ETD LOT 01

PC ID: 0002
PC WT: 47LB

S

526 87731792 0002

TEMP

3-5 / 3-0

ENTHALPY ANALYTICAL

Analysis Results for 484369

Peter Sims
Farallon Consulting
330 Franklin Street
Suite 200
Oakland, CA 94612

Lab Job #: 484369
Project No: 1363-005-006
Location: Brisbane Quarry
Date Received: 05/02/23

Sample ID: F-9-0.5 **Lab ID: 484369-001** **Collected: 05/01/23 14:59**
Matrix: Soil

484369-001 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 6010B Prep Method: EPA 3050B									
Antimony	ND		mg/Kg	3.0	0.99	313134	05/03/23	05/04/23	KLN
Arsenic	**6.8**		mg/Kg	0.99	0.99	313134	05/03/23	05/04/23	KLN
Barium	**44**		mg/Kg	0.99	0.99	313134	05/03/23	05/04/23	KLN
Beryllium	**0.59**		mg/Kg	0.50	0.99	313134	05/03/23	05/04/23	KLN
Cadmium	ND		mg/Kg	0.50	0.99	313134	05/03/23	05/04/23	KLN
Chromium	**36**		mg/Kg	0.99	0.99	313134	05/03/23	05/04/23	KLN
Cobalt	**12**		mg/Kg	0.50	0.99	313134	05/03/23	05/04/23	KLN
Copper	**11**		mg/Kg	0.99	0.99	313134	05/03/23	05/04/23	KLN
Lead	**6.4**		mg/Kg	0.99	0.99	313134	05/03/23	05/04/23	KLN
Molybdenum	**2.1**		mg/Kg	0.99	0.99	313134	05/03/23	05/04/23	KLN
Nickel	**35**		mg/Kg	0.99	0.99	313134	05/03/23	05/04/23	KLN
Selenium	ND		mg/Kg	3.0	0.99	313134	05/03/23	05/04/23	KLN
Silver	ND		mg/Kg	0.50	0.99	313134	05/03/23	05/04/23	KLN
Thallium	ND		mg/Kg	3.0	0.99	313134	05/03/23	05/04/23	KLN
Vanadium	**56**		mg/Kg	0.99	0.99	313134	05/03/23	05/04/23	KLN
Zinc	**45**		mg/Kg	5.0	0.99	313134	05/03/23	05/04/23	KLN
Method: EPA 7471A Prep Method: METHOD									
Mercury	ND		mg/Kg	0.16	1.2	313157	05/04/23	05/04/23	KAM
Method: EPA 8015B Prep Method: EPA 5035									
TPH Gasoline	ND		mg/Kg	2.7	0.88	313395	05/08/23	05/08/23	TCN
Surrogates				**Limits**					
Bromofluorobenzene (FID)	74%		%REC	60-140	0.88	313395	05/08/23	05/08/23	TCN
Method: EPA 8015M Prep Method: EPA 3580M									
DRO C10-C28	**580**		mg/Kg	200	20	313213	05/04/23	05/07/23	TJW
ORO C28-C44	**1,500**		mg/Kg	400	20	313213	05/04/23	05/07/23	TJW
Surrogates				**Limits**					
n-Triacontane		DO	%REC	70-130	20	313213	05/04/23	05/07/23	TJW
Method: EPA 8260B Prep Method: EPA 5035									
Freon 12	ND		ug/Kg	4.5	0.91	313245	05/04/23	05/04/23	LYZ
Chloromethane	ND		ug/Kg	4.5	0.91	313245	05/04/23	05/04/23	LYZ

Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

Analysis Results for 484369

484369-001 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Vinyl Chloride	ND		ug/Kg	4.5	0.91	313245	05/04/23	05/04/23	LYZ
Bromomethane	ND		ug/Kg	4.5	0.91	313245	05/04/23	05/04/23	LYZ
Chloroethane	ND		ug/Kg	4.5	0.91	313245	05/04/23	05/04/23	LYZ
Trichlorofluoromethane	ND		ug/Kg	4.5	0.91	313245	05/04/23	05/04/23	LYZ
Acetone	ND		ug/Kg	91	0.91	313245	05/04/23	05/04/23	LYZ
Freon 113	ND		ug/Kg	4.5	0.91	313245	05/04/23	05/04/23	LYZ
1,1-Dichloroethene	ND		ug/Kg	4.5	0.91	313245	05/04/23	05/04/23	LYZ
Methylene Chloride	ND		ug/Kg	4.5	0.91	313245	05/04/23	05/04/23	LYZ
MTBE	ND		ug/Kg	4.5	0.91	313245	05/04/23	05/04/23	LYZ
trans-1,2-Dichloroethene	ND		ug/Kg	4.5	0.91	313245	05/04/23	05/04/23	LYZ
1,1-Dichloroethane	ND		ug/Kg	4.5	0.91	313245	05/04/23	05/04/23	LYZ
2-Butanone	ND		ug/Kg	91	0.91	313245	05/04/23	05/04/23	LYZ
cis-1,2-Dichloroethene	ND		ug/Kg	4.5	0.91	313245	05/04/23	05/04/23	LYZ
2,2-Dichloropropane	ND		ug/Kg	4.5	0.91	313245	05/04/23	05/04/23	LYZ
Chloroform	ND		ug/Kg	4.5	0.91	313245	05/04/23	05/04/23	LYZ
Bromochloromethane	ND		ug/Kg	4.5	0.91	313245	05/04/23	05/04/23	LYZ
1,1,1-Trichloroethane	ND		ug/Kg	4.5	0.91	313245	05/04/23	05/04/23	LYZ
1,1-Dichloropropene	ND		ug/Kg	4.5	0.91	313245	05/04/23	05/04/23	LYZ
Carbon Tetrachloride	ND		ug/Kg	4.5	0.91	313245	05/04/23	05/04/23	LYZ
1,2-Dichloroethane	ND		ug/Kg	4.5	0.91	313245	05/04/23	05/04/23	LYZ
Benzene	ND		ug/Kg	4.5	0.91	313245	05/04/23	05/04/23	LYZ
Trichloroethene	ND		ug/Kg	4.5	0.91	313245	05/04/23	05/04/23	LYZ
1,2-Dichloropropane	ND		ug/Kg	4.5	0.91	313245	05/04/23	05/04/23	LYZ
Bromodichloromethane	ND		ug/Kg	4.5	0.91	313245	05/04/23	05/04/23	LYZ
Dibromomethane	ND		ug/Kg	4.5	0.91	313245	05/04/23	05/04/23	LYZ
4-Methyl-2-Pentanone	ND		ug/Kg	4.5	0.91	313245	05/04/23	05/04/23	LYZ
cis-1,3-Dichloropropene	ND		ug/Kg	4.5	0.91	313245	05/04/23	05/04/23	LYZ
Toluene	ND		ug/Kg	4.5	0.91	313245	05/04/23	05/04/23	LYZ
trans-1,3-Dichloropropene	ND		ug/Kg	4.5	0.91	313245	05/04/23	05/04/23	LYZ
1,1,2-Trichloroethane	ND		ug/Kg	4.5	0.91	313245	05/04/23	05/04/23	LYZ
1,3-Dichloropropane	ND		ug/Kg	4.5	0.91	313245	05/04/23	05/04/23	LYZ
Tetrachloroethene	ND		ug/Kg	4.5	0.91	313245	05/04/23	05/04/23	LYZ
Dibromochloromethane	ND		ug/Kg	4.5	0.91	313245	05/04/23	05/04/23	LYZ
1,2-Dibromoethane	ND		ug/Kg	4.5	0.91	313245	05/04/23	05/04/23	LYZ
Chlorobenzene	ND		ug/Kg	4.5	0.91	313245	05/04/23	05/04/23	LYZ
1,1,1,2-Tetrachloroethane	ND		ug/Kg	4.5	0.91	313245	05/04/23	05/04/23	LYZ
Ethylbenzene	ND		ug/Kg	4.5	0.91	313245	05/04/23	05/04/23	LYZ
m,p-Xylenes	ND		ug/Kg	9.1	0.91	313245	05/04/23	05/04/23	LYZ
o-Xylene	ND		ug/Kg	4.5	0.91	313245	05/04/23	05/04/23	LYZ
Styrene	ND		ug/Kg	4.5	0.91	313245	05/04/23	05/04/23	LYZ
Bromoform	ND		ug/Kg	4.5	0.91	313245	05/04/23	05/04/23	LYZ
Isopropylbenzene	ND		ug/Kg	4.5	0.91	313245	05/04/23	05/04/23	LYZ
1,1,2,2-Tetrachloroethane	ND		ug/Kg	4.5	0.91	313245	05/04/23	05/04/23	LYZ
1,2,3-Trichloropropane	ND		ug/Kg	4.5	0.91	313245	05/04/23	05/04/23	LYZ
Propylbenzene	ND		ug/Kg	4.5	0.91	313245	05/04/23	05/04/23	LYZ
Bromobenzene	ND		ug/Kg	4.5	0.91	313245	05/04/23	05/04/23	LYZ

Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

Analysis Results for 484369

484369-001 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
1,3,5-Trimethylbenzene	ND		ug/Kg	4.5	0.91	313245	05/04/23	05/04/23	LYZ
2-Chlorotoluene	ND		ug/Kg	4.5	0.91	313245	05/04/23	05/04/23	LYZ
4-Chlorotoluene	ND		ug/Kg	4.5	0.91	313245	05/04/23	05/04/23	LYZ
tert-Butylbenzene	ND		ug/Kg	4.5	0.91	313245	05/04/23	05/04/23	LYZ
1,2,4-Trimethylbenzene	ND		ug/Kg	4.5	0.91	313245	05/04/23	05/04/23	LYZ
sec-Butylbenzene	ND		ug/Kg	4.5	0.91	313245	05/04/23	05/04/23	LYZ
para-Isopropyl Toluene	ND		ug/Kg	4.5	0.91	313245	05/04/23	05/04/23	LYZ
1,3-Dichlorobenzene	ND		ug/Kg	4.5	0.91	313245	05/04/23	05/04/23	LYZ
1,4-Dichlorobenzene	ND		ug/Kg	4.5	0.91	313245	05/04/23	05/04/23	LYZ
n-Butylbenzene	ND		ug/Kg	4.5	0.91	313245	05/04/23	05/04/23	LYZ
1,2-Dichlorobenzene	ND		ug/Kg	4.5	0.91	313245	05/04/23	05/04/23	LYZ
1,2-Dibromo-3-Chloropropane	ND		ug/Kg	4.5	0.91	313245	05/04/23	05/04/23	LYZ
1,2,4-Trichlorobenzene	ND		ug/Kg	4.5	0.91	313245	05/04/23	05/04/23	LYZ
Hexachlorobutadiene	ND		ug/Kg	4.5	0.91	313245	05/04/23	05/04/23	LYZ
Naphthalene	ND		ug/Kg	4.5	0.91	313245	05/04/23	05/04/23	LYZ
1,2,3-Trichlorobenzene	ND		ug/Kg	4.5	0.91	313245	05/04/23	05/04/23	LYZ
Surrogates				**Limits**					
Dibromofluoromethane	99%		%REC	70-145	0.91	313245	05/04/23	05/04/23	LYZ
1,2-Dichloroethane-d4	101%		%REC	70-145	0.91	313245	05/04/23	05/04/23	LYZ
Toluene-d8	100%		%REC	70-145	0.91	313245	05/04/23	05/04/23	LYZ
Bromofluorobenzene	105%		%REC	70-145	0.91	313245	05/04/23	05/04/23	LYZ
Method: EPA 8270C-SIM Prep Method: EPA 3546									
1-Methylnaphthalene	ND		ug/Kg	250	25	313222	05/04/23	05/05/23	VTN
2-Methylnaphthalene	ND		ug/Kg	250	25	313222	05/04/23	05/05/23	VTN
Naphthalene	ND		ug/Kg	250	25	313222	05/04/23	05/05/23	VTN
Acenaphthylene	ND		ug/Kg	250	25	313222	05/04/23	05/05/23	VTN
Acenaphthene	ND		ug/Kg	250	25	313222	05/04/23	05/05/23	VTN
Fluorene	ND		ug/Kg	250	25	313222	05/04/23	05/05/23	VTN
Phenanthrene	ND		ug/Kg	250	25	313222	05/04/23	05/05/23	VTN
Anthracene	ND		ug/Kg	250	25	313222	05/04/23	05/05/23	VTN
Fluoranthene	ND		ug/Kg	250	25	313222	05/04/23	05/05/23	VTN
Pyrene	ND		ug/Kg	250	25	313222	05/04/23	05/05/23	VTN
Benzo(a)anthracene	ND		ug/Kg	250	25	313222	05/04/23	05/05/23	VTN
Chrysene	ND		ug/Kg	250	25	313222	05/04/23	05/05/23	VTN
Benzo(b)fluoranthene	ND		ug/Kg	250	25	313222	05/04/23	05/05/23	VTN
Benzo(k)fluoranthene	ND		ug/Kg	250	25	313222	05/04/23	05/05/23	VTN
Benzo(a)pyrene	ND		ug/Kg	250	25	313222	05/04/23	05/05/23	VTN
Indeno(1,2,3-cd)pyrene	ND		ug/Kg	250	25	313222	05/04/23	05/05/23	VTN
Dibenz(a,h)anthracene	ND		ug/Kg	250	25	313222	05/04/23	05/05/23	VTN
Benzo(g,h,i)perylene	ND		ug/Kg	250	25	313222	05/04/23	05/05/23	VTN
Surrogates				**Limits**					
Nitrobenzene-d5	85%		%REC	27-125	25	313222	05/04/23	05/05/23	VTN
2-Fluorobiphenyl	86%		%REC	30-120	25	313222	05/04/23	05/05/23	VTN
Terphenyl-d14	95%		%REC	33-155	25	313222	05/04/23	05/05/23	VTN

Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

Analysis Results for 484369

Sample ID: F-9-1.0	Lab ID: 484369-002	Collected: 05/01/23 14:27
	Matrix: Soil	

484369-002 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 6010B Prep Method: EPA 3050B									
Antimony	ND		mg/Kg	2.9	0.98	313134	05/03/23	05/04/23	KLN
Arsenic	**8.9**		mg/Kg	0.98	0.98	313134	05/03/23	05/04/23	KLN
Barium	**64**		mg/Kg	0.98	0.98	313134	05/03/23	05/04/23	KLN
Beryllium	**0.94**		mg/Kg	0.49	0.98	313134	05/03/23	05/04/23	KLN
Cadmium	ND		mg/Kg	0.49	0.98	313134	05/03/23	05/04/23	KLN
Chromium	**37**		mg/Kg	0.98	0.98	313134	05/03/23	05/04/23	KLN
Cobalt	**14**		mg/Kg	0.49	0.98	313134	05/03/23	05/04/23	KLN
Copper	**20**		mg/Kg	0.98	0.98	313134	05/03/23	05/04/23	KLN
Lead	**7.3**		mg/Kg	0.98	0.98	313134	05/03/23	05/04/23	KLN
Molybdenum	**2.1**		mg/Kg	0.98	0.98	313134	05/03/23	05/04/23	KLN
Nickel	**34**		mg/Kg	0.98	0.98	313134	05/03/23	05/04/23	KLN
Selenium	ND		mg/Kg	2.9	0.98	313134	05/03/23	05/04/23	KLN
Silver	ND		mg/Kg	0.49	0.98	313134	05/03/23	05/04/23	KLN
Thallium	ND		mg/Kg	2.9	0.98	313134	05/03/23	05/04/23	KLN
Vanadium	**56**		mg/Kg	0.98	0.98	313134	05/03/23	05/04/23	KLN
Zinc	**55**		mg/Kg	4.9	0.98	313134	05/03/23	05/04/23	KLN
Method: EPA 7471A Prep Method: METHOD									
Mercury	ND		mg/Kg	0.15	1.1	313157	05/04/23	05/04/23	KAM
Method: EPA 8015B Prep Method: EPA 5035									
TPH Gasoline	ND		mg/Kg	2.5	0.82	313395	05/08/23	05/08/23	TCN
Surrogates				**Limits**					
Bromofluorobenzene (FID)	76%		%REC	60-140	0.82	313395	05/08/23	05/08/23	TCN
Method: EPA 8015M Prep Method: EPA 3580M									
DRO C10-C28	**33**		mg/Kg	10	1	313213	05/04/23	05/07/23	TJW
ORO C28-C44	**57**		mg/Kg	20	1	313213	05/04/23	05/07/23	TJW
Surrogates				**Limits**					
n-Triacontane	93%		%REC	70-130	1	313213	05/04/23	05/07/23	TJW
Method: EPA 8260B Prep Method: EPA 5035									
Freon 12	ND		ug/Kg	4.6	0.92	313245	05/05/23	05/05/23	LYZ
Chloromethane	ND		ug/Kg	4.6	0.92	313245	05/05/23	05/05/23	LYZ
Vinyl Chloride	ND		ug/Kg	4.6	0.92	313245	05/05/23	05/05/23	LYZ
Bromomethane	ND		ug/Kg	4.6	0.92	313245	05/05/23	05/05/23	LYZ
Chloroethane	ND		ug/Kg	4.6	0.92	313245	05/05/23	05/05/23	LYZ
Trichlorofluoromethane	ND		ug/Kg	4.6	0.92	313245	05/05/23	05/05/23	LYZ
Acetone	ND		ug/Kg	92	0.92	313245	05/05/23	05/05/23	LYZ
Freon 113	ND		ug/Kg	4.6	0.92	313245	05/05/23	05/05/23	LYZ

Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

Analysis Results for 484369

484369-002 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
1,1-Dichloroethene	ND		ug/Kg	4.6	0.92	313245	05/05/23	05/05/23	LYZ
Methylene Chloride	ND		ug/Kg	4.6	0.92	313245	05/05/23	05/05/23	LYZ
MTBE	ND		ug/Kg	4.6	0.92	313245	05/05/23	05/05/23	LYZ
trans-1,2-Dichloroethene	ND		ug/Kg	4.6	0.92	313245	05/05/23	05/05/23	LYZ
1,1-Dichloroethane	ND		ug/Kg	4.6	0.92	313245	05/05/23	05/05/23	LYZ
2-Butanone	ND		ug/Kg	92	0.92	313245	05/05/23	05/05/23	LYZ
cis-1,2-Dichloroethene	ND		ug/Kg	4.6	0.92	313245	05/05/23	05/05/23	LYZ
2,2-Dichloropropane	ND		ug/Kg	4.6	0.92	313245	05/05/23	05/05/23	LYZ
Chloroform	ND		ug/Kg	4.6	0.92	313245	05/05/23	05/05/23	LYZ
Bromochloromethane	ND		ug/Kg	4.6	0.92	313245	05/05/23	05/05/23	LYZ
1,1,1-Trichloroethane	ND		ug/Kg	4.6	0.92	313245	05/05/23	05/05/23	LYZ
1,1-Dichloropropene	ND		ug/Kg	4.6	0.92	313245	05/05/23	05/05/23	LYZ
Carbon Tetrachloride	ND		ug/Kg	4.6	0.92	313245	05/05/23	05/05/23	LYZ
1,2-Dichloroethane	ND		ug/Kg	4.6	0.92	313245	05/05/23	05/05/23	LYZ
Benzene	ND		ug/Kg	4.6	0.92	313245	05/05/23	05/05/23	LYZ
Trichloroethene	ND		ug/Kg	4.6	0.92	313245	05/05/23	05/05/23	LYZ
1,2-Dichloropropane	ND		ug/Kg	4.6	0.92	313245	05/05/23	05/05/23	LYZ
Bromodichloromethane	ND		ug/Kg	4.6	0.92	313245	05/05/23	05/05/23	LYZ
Dibromomethane	ND		ug/Kg	4.6	0.92	313245	05/05/23	05/05/23	LYZ
4-Methyl-2-Pentanone	ND		ug/Kg	4.6	0.92	313245	05/05/23	05/05/23	LYZ
cis-1,3-Dichloropropene	ND		ug/Kg	4.6	0.92	313245	05/05/23	05/05/23	LYZ
Toluene	ND		ug/Kg	4.6	0.92	313245	05/05/23	05/05/23	LYZ
trans-1,3-Dichloropropene	ND		ug/Kg	4.6	0.92	313245	05/05/23	05/05/23	LYZ
1,1,2-Trichloroethane	ND		ug/Kg	4.6	0.92	313245	05/05/23	05/05/23	LYZ
1,3-Dichloropropane	ND		ug/Kg	4.6	0.92	313245	05/05/23	05/05/23	LYZ
Tetrachloroethene	ND		ug/Kg	4.6	0.92	313245	05/05/23	05/05/23	LYZ
Dibromochloromethane	ND		ug/Kg	4.6	0.92	313245	05/05/23	05/05/23	LYZ
1,2-Dibromoethane	ND		ug/Kg	4.6	0.92	313245	05/05/23	05/05/23	LYZ
Chlorobenzene	ND		ug/Kg	4.6	0.92	313245	05/05/23	05/05/23	LYZ
1,1,1,2-Tetrachloroethane	ND		ug/Kg	4.6	0.92	313245	05/05/23	05/05/23	LYZ
Ethylbenzene	ND		ug/Kg	4.6	0.92	313245	05/05/23	05/05/23	LYZ
m,p-Xylenes	ND		ug/Kg	9.2	0.92	313245	05/05/23	05/05/23	LYZ
o-Xylene	ND		ug/Kg	4.6	0.92	313245	05/05/23	05/05/23	LYZ
Styrene	ND		ug/Kg	4.6	0.92	313245	05/05/23	05/05/23	LYZ
Bromoform	ND		ug/Kg	4.6	0.92	313245	05/05/23	05/05/23	LYZ
Isopropylbenzene	ND		ug/Kg	4.6	0.92	313245	05/05/23	05/05/23	LYZ
1,1,2,2-Tetrachloroethane	ND		ug/Kg	4.6	0.92	313245	05/05/23	05/05/23	LYZ
1,2,3-Trichloropropane	ND		ug/Kg	4.6	0.92	313245	05/05/23	05/05/23	LYZ
Propylbenzene	ND		ug/Kg	4.6	0.92	313245	05/05/23	05/05/23	LYZ
Bromobenzene	ND		ug/Kg	4.6	0.92	313245	05/05/23	05/05/23	LYZ
1,3,5-Trimethylbenzene	ND		ug/Kg	4.6	0.92	313245	05/05/23	05/05/23	LYZ
2-Chlorotoluene	ND		ug/Kg	4.6	0.92	313245	05/05/23	05/05/23	LYZ
4-Chlorotoluene	ND		ug/Kg	4.6	0.92	313245	05/05/23	05/05/23	LYZ
tert-Butylbenzene	ND		ug/Kg	4.6	0.92	313245	05/05/23	05/05/23	LYZ
1,2,4-Trimethylbenzene	ND		ug/Kg	4.6	0.92	313245	05/05/23	05/05/23	LYZ
sec-Butylbenzene	ND		ug/Kg	4.6	0.92	313245	05/05/23	05/05/23	LYZ

Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

Analysis Results for 484369

484369-002 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
para-Isopropyl Toluene	ND		ug/Kg	4.6	0.92	313245	05/05/23	05/05/23	LYZ
1,3-Dichlorobenzene	ND		ug/Kg	4.6	0.92	313245	05/05/23	05/05/23	LYZ
1,4-Dichlorobenzene	ND		ug/Kg	4.6	0.92	313245	05/05/23	05/05/23	LYZ
n-Butylbenzene	ND		ug/Kg	4.6	0.92	313245	05/05/23	05/05/23	LYZ
1,2-Dichlorobenzene	ND		ug/Kg	4.6	0.92	313245	05/05/23	05/05/23	LYZ
1,2-Dibromo-3-Chloropropane	ND		ug/Kg	4.6	0.92	313245	05/05/23	05/05/23	LYZ
1,2,4-Trichlorobenzene	ND		ug/Kg	4.6	0.92	313245	05/05/23	05/05/23	LYZ
Hexachlorobutadiene	ND		ug/Kg	4.6	0.92	313245	05/05/23	05/05/23	LYZ
Naphthalene	ND		ug/Kg	4.6	0.92	313245	05/05/23	05/05/23	LYZ
1,2,3-Trichlorobenzene	ND		ug/Kg	4.6	0.92	313245	05/05/23	05/05/23	LYZ
Surrogates				**Limits**					
Dibromofluoromethane	100%		%REC	70-145	0.92	313245	05/05/23	05/05/23	LYZ
1,2-Dichloroethane-d4	99%		%REC	70-145	0.92	313245	05/05/23	05/05/23	LYZ
Toluene-d8	98%		%REC	70-145	0.92	313245	05/05/23	05/05/23	LYZ
Bromofluorobenzene	104%		%REC	70-145	0.92	313245	05/05/23	05/05/23	LYZ
Method: EPA 8270C-SIM Prep Method: EPA 3546									
1-Methylnaphthalene	ND		ug/Kg	10	1	313222	05/04/23	05/05/23	VTN
2-Methylnaphthalene	**12**		ug/Kg	10	1	313222	05/04/23	05/05/23	VTN
Naphthalene	**19**		ug/Kg	10	1	313222	05/04/23	05/05/23	VTN
Acenaphthylene	ND		ug/Kg	10	1	313222	05/04/23	05/05/23	VTN
Acenaphthene	ND		ug/Kg	10	1	313222	05/04/23	05/05/23	VTN
Fluorene	ND		ug/Kg	10	1	313222	05/04/23	05/05/23	VTN
Phenanthrene	**17**		ug/Kg	10	1	313222	05/04/23	05/05/23	VTN
Anthracene	ND		ug/Kg	10	1	313222	05/04/23	05/05/23	VTN
Fluoranthene	ND		ug/Kg	10	1	313222	05/04/23	05/05/23	VTN
Pyrene	ND		ug/Kg	10	1	313222	05/04/23	05/05/23	VTN
Benzo(a)anthracene	ND		ug/Kg	10	1	313222	05/04/23	05/05/23	VTN
Chrysene	ND		ug/Kg	10	1	313222	05/04/23	05/05/23	VTN
Benzo(b)fluoranthene	ND		ug/Kg	10	1	313222	05/04/23	05/05/23	VTN
Benzo(k)fluoranthene	ND		ug/Kg	10	1	313222	05/04/23	05/05/23	VTN
Benzo(a)pyrene	ND		ug/Kg	10	1	313222	05/04/23	05/05/23	VTN
Indeno(1,2,3-cd)pyrene	ND		ug/Kg	10	1	313222	05/04/23	05/05/23	VTN
Dibenz(a,h)anthracene	ND		ug/Kg	10	1	313222	05/04/23	05/05/23	VTN
Benzo(g,h,i)perylene	ND		ug/Kg	10	1	313222	05/04/23	05/05/23	VTN
Surrogates				**Limits**					
Nitrobenzene-d5	78%		%REC	27-125	1	313222	05/04/23	05/05/23	VTN
2-Fluorobiphenyl	74%		%REC	30-120	1	313222	05/04/23	05/05/23	VTN
Terphenyl-d14	89%		%REC	33-155	1	313222	05/04/23	05/05/23	VTN

Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

Analysis Results for 484369

Sample ID: F-9-3.0	Lab ID: 484369-003	Collected: 05/01/23 14:32
	Matrix: Soil	

484369-003 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 8015B Prep Method: EPA 5035									
TPH Gasoline	ND		mg/Kg	2.8	0.94	313395	05/08/23	05/08/23	TCN
Surrogates				**Limits**					
Bromofluorobenzene (FID)	78%		%REC	60-140	0.94	313395	05/08/23	05/08/23	TCN
Method: EPA 8015M Prep Method: EPA 3580M									
DRO C10-C28	**730**		mg/Kg	200	20	313213	05/04/23	05/07/23	TJW
ORO C28-C44	**1,100**		mg/Kg	400	20	313213	05/04/23	05/07/23	TJW
Surrogates				**Limits**					
n-Triacontane		DO	%REC	70-130	20	313213	05/04/23	05/07/23	TJW
Method: EPA 8260B Prep Method: EPA 5035									
Freon 12	ND		ug/Kg	4.8	0.97	313245	05/05/23	05/05/23	LYZ
Chloromethane	ND		ug/Kg	4.8	0.97	313245	05/05/23	05/05/23	LYZ
Vinyl Chloride	ND		ug/Kg	4.8	0.97	313245	05/05/23	05/05/23	LYZ
Bromomethane	ND		ug/Kg	4.8	0.97	313245	05/05/23	05/05/23	LYZ
Chloroethane	ND		ug/Kg	4.8	0.97	313245	05/05/23	05/05/23	LYZ
Trichlorofluoromethane	ND		ug/Kg	4.8	0.97	313245	05/05/23	05/05/23	LYZ
Acetone	ND		ug/Kg	97	0.97	313245	05/05/23	05/05/23	LYZ
Freon 113	ND		ug/Kg	4.8	0.97	313245	05/05/23	05/05/23	LYZ
1,1-Dichloroethene	ND		ug/Kg	4.8	0.97	313245	05/05/23	05/05/23	LYZ
Methylene Chloride	ND		ug/Kg	4.8	0.97	313245	05/05/23	05/05/23	LYZ
MTBE	ND		ug/Kg	4.8	0.97	313245	05/05/23	05/05/23	LYZ
trans-1,2-Dichloroethene	ND		ug/Kg	4.8	0.97	313245	05/05/23	05/05/23	LYZ
1,1-Dichloroethane	ND		ug/Kg	4.8	0.97	313245	05/05/23	05/05/23	LYZ
2-Butanone	ND		ug/Kg	97	0.97	313245	05/05/23	05/05/23	LYZ
cis-1,2-Dichloroethene	ND		ug/Kg	4.8	0.97	313245	05/05/23	05/05/23	LYZ
2,2-Dichloropropane	ND		ug/Kg	4.8	0.97	313245	05/05/23	05/05/23	LYZ
Chloroform	ND		ug/Kg	4.8	0.97	313245	05/05/23	05/05/23	LYZ
Bromochloromethane	ND		ug/Kg	4.8	0.97	313245	05/05/23	05/05/23	LYZ
1,1,1-Trichloroethane	ND		ug/Kg	4.8	0.97	313245	05/05/23	05/05/23	LYZ
1,1-Dichloropropene	ND		ug/Kg	4.8	0.97	313245	05/05/23	05/05/23	LYZ
Carbon Tetrachloride	ND		ug/Kg	4.8	0.97	313245	05/05/23	05/05/23	LYZ
1,2-Dichloroethane	ND		ug/Kg	4.8	0.97	313245	05/05/23	05/05/23	LYZ
Benzene	ND		ug/Kg	4.8	0.97	313245	05/05/23	05/05/23	LYZ
Trichloroethene	ND		ug/Kg	4.8	0.97	313245	05/05/23	05/05/23	LYZ
1,2-Dichloropropane	ND		ug/Kg	4.8	0.97	313245	05/05/23	05/05/23	LYZ
Bromodichloromethane	ND		ug/Kg	4.8	0.97	313245	05/05/23	05/05/23	LYZ
Dibromomethane	ND		ug/Kg	4.8	0.97	313245	05/05/23	05/05/23	LYZ
4-Methyl-2-Pentanone	ND		ug/Kg	4.8	0.97	313245	05/05/23	05/05/23	LYZ
cis-1,3-Dichloropropene	ND		ug/Kg	4.8	0.97	313245	05/05/23	05/05/23	LYZ

Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

Analysis Results for 484369

484369-003 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Toluene	ND		ug/Kg	4.8	0.97	313245	05/05/23	05/05/23	LYZ
trans-1,3-Dichloropropene	ND		ug/Kg	4.8	0.97	313245	05/05/23	05/05/23	LYZ
1,1,2-Trichloroethane	ND		ug/Kg	4.8	0.97	313245	05/05/23	05/05/23	LYZ
1,3-Dichloropropane	ND		ug/Kg	4.8	0.97	313245	05/05/23	05/05/23	LYZ
Tetrachloroethene	ND		ug/Kg	4.8	0.97	313245	05/05/23	05/05/23	LYZ
Dibromochloromethane	ND		ug/Kg	4.8	0.97	313245	05/05/23	05/05/23	LYZ
1,2-Dibromoethane	ND		ug/Kg	4.8	0.97	313245	05/05/23	05/05/23	LYZ
Chlorobenzene	ND		ug/Kg	4.8	0.97	313245	05/05/23	05/05/23	LYZ
1,1,1,2-Tetrachloroethane	ND		ug/Kg	4.8	0.97	313245	05/05/23	05/05/23	LYZ
Ethylbenzene	ND		ug/Kg	4.8	0.97	313245	05/05/23	05/05/23	LYZ
m,p-Xylenes	ND		ug/Kg	9.7	0.97	313245	05/05/23	05/05/23	LYZ
o-Xylene	ND		ug/Kg	4.8	0.97	313245	05/05/23	05/05/23	LYZ
Styrene	ND		ug/Kg	4.8	0.97	313245	05/05/23	05/05/23	LYZ
Bromoform	ND		ug/Kg	4.8	0.97	313245	05/05/23	05/05/23	LYZ
Isopropylbenzene	ND		ug/Kg	4.8	0.97	313245	05/05/23	05/05/23	LYZ
1,1,2,2-Tetrachloroethane	ND		ug/Kg	4.8	0.97	313245	05/05/23	05/05/23	LYZ
1,2,3-Trichloropropane	ND		ug/Kg	4.8	0.97	313245	05/05/23	05/05/23	LYZ
Propylbenzene	ND		ug/Kg	4.8	0.97	313245	05/05/23	05/05/23	LYZ
Bromobenzene	ND		ug/Kg	4.8	0.97	313245	05/05/23	05/05/23	LYZ
1,3,5-Trimethylbenzene	ND		ug/Kg	4.8	0.97	313245	05/05/23	05/05/23	LYZ
2-Chlorotoluene	ND		ug/Kg	4.8	0.97	313245	05/05/23	05/05/23	LYZ
4-Chlorotoluene	ND		ug/Kg	4.8	0.97	313245	05/05/23	05/05/23	LYZ
tert-Butylbenzene	ND		ug/Kg	4.8	0.97	313245	05/05/23	05/05/23	LYZ
1,2,4-Trimethylbenzene	ND		ug/Kg	4.8	0.97	313245	05/05/23	05/05/23	LYZ
sec-Butylbenzene	ND		ug/Kg	4.8	0.97	313245	05/05/23	05/05/23	LYZ
para-Isopropyl Toluene	ND		ug/Kg	4.8	0.97	313245	05/05/23	05/05/23	LYZ
1,3-Dichlorobenzene	ND		ug/Kg	4.8	0.97	313245	05/05/23	05/05/23	LYZ
1,4-Dichlorobenzene	ND		ug/Kg	4.8	0.97	313245	05/05/23	05/05/23	LYZ
n-Butylbenzene	ND		ug/Kg	4.8	0.97	313245	05/05/23	05/05/23	LYZ
1,2-Dichlorobenzene	ND		ug/Kg	4.8	0.97	313245	05/05/23	05/05/23	LYZ
1,2-Dibromo-3-Chloropropane	ND		ug/Kg	4.8	0.97	313245	05/05/23	05/05/23	LYZ
1,2,4-Trichlorobenzene	ND		ug/Kg	4.8	0.97	313245	05/05/23	05/05/23	LYZ
Hexachlorobutadiene	ND		ug/Kg	4.8	0.97	313245	05/05/23	05/05/23	LYZ
Naphthalene	ND		ug/Kg	4.8	0.97	313245	05/05/23	05/05/23	LYZ
1,2,3-Trichlorobenzene	ND		ug/Kg	4.8	0.97	313245	05/05/23	05/05/23	LYZ
Surrogates				**Limits**					
Dibromofluoromethane	100%		%REC	70-145	0.97	313245	05/05/23	05/05/23	LYZ
1,2-Dichloroethane-d4	100%		%REC	70-145	0.97	313245	05/05/23	05/05/23	LYZ
Toluene-d8	99%		%REC	70-145	0.97	313245	05/05/23	05/05/23	LYZ
Bromofluorobenzene	104%		%REC	70-145	0.97	313245	05/05/23	05/05/23	LYZ
Method: EPA 8270C-SIM Prep Method: EPA 3546									
1-Methylnaphthalene	ND		ug/Kg	250	25	313222	05/04/23	05/05/23	VTN
2-Methylnaphthalene	ND		ug/Kg	250	25	313222	05/04/23	05/05/23	VTN
Naphthalene	ND		ug/Kg	250	25	313222	05/04/23	05/05/23	VTN
Acenaphthylene	ND		ug/Kg	250	25	313222	05/04/23	05/05/23	VTN

Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

Analysis Results for 484369

484369-003 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Acenaphthene	ND		ug/Kg	250	25	313222	05/04/23	05/05/23	VTN
Fluorene	ND		ug/Kg	250	25	313222	05/04/23	05/05/23	VTN
Phenanthrene	ND		ug/Kg	250	25	313222	05/04/23	05/05/23	VTN
Anthracene	ND		ug/Kg	250	25	313222	05/04/23	05/05/23	VTN
Fluoranthene	ND		ug/Kg	250	25	313222	05/04/23	05/05/23	VTN
Pyrene	ND		ug/Kg	250	25	313222	05/04/23	05/05/23	VTN
Benzo(a)anthracene	ND		ug/Kg	250	25	313222	05/04/23	05/05/23	VTN
Chrysene	ND		ug/Kg	250	25	313222	05/04/23	05/05/23	VTN
Benzo(b)fluoranthene	ND		ug/Kg	250	25	313222	05/04/23	05/05/23	VTN
Benzo(k)fluoranthene	ND		ug/Kg	250	25	313222	05/04/23	05/05/23	VTN
Benzo(a)pyrene	ND		ug/Kg	250	25	313222	05/04/23	05/05/23	VTN
Indeno(1,2,3-cd)pyrene	ND		ug/Kg	250	25	313222	05/04/23	05/05/23	VTN
Dibenz(a,h)anthracene	ND		ug/Kg	250	25	313222	05/04/23	05/05/23	VTN
Benzo(g,h,i)perylene	ND		ug/Kg	250	25	313222	05/04/23	05/05/23	VTN
Surrogates				**Limits**					
Nitrobenzene-d5	75%		%REC	27-125	25	313222	05/04/23	05/05/23	VTN
2-Fluorobiphenyl	74%		%REC	30-120	25	313222	05/04/23	05/05/23	VTN
Terphenyl-d14	86%		%REC	33-155	25	313222	05/04/23	05/05/23	VTN

Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

Analysis Results for 484369

Sample ID: F-8-1.0	Lab ID: 484369-005	Collected: 05/01/23 15:30
	Matrix: Soil	

484369-005 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 6010B Prep Method: EPA 3050B									
Antimony	ND		mg/Kg	2.9	0.96	313134	05/03/23	05/04/23	KLN
Arsenic	**5.3**		mg/Kg	0.96	0.96	313134	05/03/23	05/04/23	KLN
Barium	**63**		mg/Kg	0.96	0.96	313134	05/03/23	05/04/23	KLN
Beryllium	**0.51**		mg/Kg	0.48	0.96	313134	05/03/23	05/04/23	KLN
Cadmium	ND		mg/Kg	0.48	0.96	313134	05/03/23	05/04/23	KLN
Chromium	**44**		mg/Kg	0.96	0.96	313134	05/03/23	05/04/23	KLN
Cobalt	**11**		mg/Kg	0.48	0.96	313134	05/03/23	05/04/23	KLN
Copper	**24**		mg/Kg	0.96	0.96	313134	05/03/23	05/04/23	KLN
Lead	**14**		mg/Kg	0.96	0.96	313134	05/03/23	05/04/23	KLN
Molybdenum	**2.0**		mg/Kg	0.96	0.96	313134	05/03/23	05/04/23	KLN
Nickel	**45**		mg/Kg	0.96	0.96	313134	05/03/23	05/04/23	KLN
Selenium	ND		mg/Kg	2.9	0.96	313134	05/03/23	05/04/23	KLN
Silver	ND		mg/Kg	0.48	0.96	313134	05/03/23	05/04/23	KLN
Thallium	ND		mg/Kg	2.9	0.96	313134	05/03/23	05/04/23	KLN
Vanadium	**54**		mg/Kg	0.96	0.96	313134	05/03/23	05/04/23	KLN
Zinc	**53**		mg/Kg	4.8	0.96	313134	05/03/23	05/04/23	KLN
Method: EPA 7471A Prep Method: METHOD									
Mercury	ND		mg/Kg	0.15	1.1	313157	05/04/23	05/04/23	KAM
Method: EPA 8015B Prep Method: EPA 5035									
TPH Gasoline	ND		mg/Kg	2.1	0.69	313395	05/08/23	05/08/23	TCN
Surrogates				**Limits**					
Bromofluorobenzene (FID)	68%		%REC	60-140	0.69	313395	05/08/23	05/08/23	TCN
Method: EPA 8015M Prep Method: EPA 3580M									
DRO C10-C28	**4,000**		mg/Kg	200	20	313213	05/04/23	05/07/23	TJW
ORO C28-C44	**4,600**		mg/Kg	400	20	313213	05/04/23	05/07/23	TJW
Surrogates				**Limits**					
n-Triacontane		DO	%REC	70-130	20	313213	05/04/23	05/07/23	TJW
Method: EPA 8260B Prep Method: EPA 5035									
Freon 12	ND		ug/Kg	3.4	0.68	313245	05/05/23	05/05/23	LYZ
Chloromethane	ND		ug/Kg	3.4	0.68	313245	05/05/23	05/05/23	LYZ
Vinyl Chloride	ND		ug/Kg	3.4	0.68	313245	05/05/23	05/05/23	LYZ
Bromomethane	ND		ug/Kg	3.4	0.68	313245	05/05/23	05/05/23	LYZ
Chloroethane	ND		ug/Kg	3.4	0.68	313245	05/05/23	05/05/23	LYZ
Trichlorofluoromethane	ND		ug/Kg	3.4	0.68	313245	05/05/23	05/05/23	LYZ
Acetone	ND		ug/Kg	68	0.68	313245	05/05/23	05/05/23	LYZ
Freon 113	ND		ug/Kg	3.4	0.68	313245	05/05/23	05/05/23	LYZ

Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

Analysis Results for 484369

484369-005 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
1,1-Dichloroethene	ND		ug/Kg	3.4	0.68	313245	05/05/23	05/05/23	LYZ
Methylene Chloride	ND		ug/Kg	3.4	0.68	313245	05/05/23	05/05/23	LYZ
MTBE	ND		ug/Kg	3.4	0.68	313245	05/05/23	05/05/23	LYZ
trans-1,2-Dichloroethene	ND		ug/Kg	3.4	0.68	313245	05/05/23	05/05/23	LYZ
1,1-Dichloroethane	ND		ug/Kg	3.4	0.68	313245	05/05/23	05/05/23	LYZ
2-Butanone	ND		ug/Kg	68	0.68	313245	05/05/23	05/05/23	LYZ
cis-1,2-Dichloroethene	ND		ug/Kg	3.4	0.68	313245	05/05/23	05/05/23	LYZ
2,2-Dichloropropane	ND		ug/Kg	3.4	0.68	313245	05/05/23	05/05/23	LYZ
Chloroform	ND		ug/Kg	3.4	0.68	313245	05/05/23	05/05/23	LYZ
Bromochloromethane	ND		ug/Kg	3.4	0.68	313245	05/05/23	05/05/23	LYZ
1,1,1-Trichloroethane	ND		ug/Kg	3.4	0.68	313245	05/05/23	05/05/23	LYZ
1,1-Dichloropropene	ND		ug/Kg	3.4	0.68	313245	05/05/23	05/05/23	LYZ
Carbon Tetrachloride	ND		ug/Kg	3.4	0.68	313245	05/05/23	05/05/23	LYZ
1,2-Dichloroethane	ND		ug/Kg	3.4	0.68	313245	05/05/23	05/05/23	LYZ
Benzene	ND		ug/Kg	3.4	0.68	313245	05/05/23	05/05/23	LYZ
Trichloroethene	ND		ug/Kg	3.4	0.68	313245	05/05/23	05/05/23	LYZ
1,2-Dichloropropane	ND		ug/Kg	3.4	0.68	313245	05/05/23	05/05/23	LYZ
Bromodichloromethane	ND		ug/Kg	3.4	0.68	313245	05/05/23	05/05/23	LYZ
Dibromomethane	ND		ug/Kg	3.4	0.68	313245	05/05/23	05/05/23	LYZ
4-Methyl-2-Pentanone	ND		ug/Kg	3.4	0.68	313245	05/05/23	05/05/23	LYZ
cis-1,3-Dichloropropene	ND		ug/Kg	3.4	0.68	313245	05/05/23	05/05/23	LYZ
Toluene	ND		ug/Kg	3.4	0.68	313245	05/05/23	05/05/23	LYZ
trans-1,3-Dichloropropene	ND		ug/Kg	3.4	0.68	313245	05/05/23	05/05/23	LYZ
1,1,2-Trichloroethane	ND		ug/Kg	3.4	0.68	313245	05/05/23	05/05/23	LYZ
1,3-Dichloropropane	ND		ug/Kg	3.4	0.68	313245	05/05/23	05/05/23	LYZ
Tetrachloroethene	ND		ug/Kg	3.4	0.68	313245	05/05/23	05/05/23	LYZ
Dibromochloromethane	ND		ug/Kg	3.4	0.68	313245	05/05/23	05/05/23	LYZ
1,2-Dibromoethane	ND		ug/Kg	3.4	0.68	313245	05/05/23	05/05/23	LYZ
Chlorobenzene	ND		ug/Kg	3.4	0.68	313245	05/05/23	05/05/23	LYZ
1,1,1,2-Tetrachloroethane	ND		ug/Kg	3.4	0.68	313245	05/05/23	05/05/23	LYZ
Ethylbenzene	ND		ug/Kg	3.4	0.68	313245	05/05/23	05/05/23	LYZ
m,p-Xylenes	ND		ug/Kg	6.8	0.68	313245	05/05/23	05/05/23	LYZ
o-Xylene	ND		ug/Kg	3.4	0.68	313245	05/05/23	05/05/23	LYZ
Styrene	ND		ug/Kg	3.4	0.68	313245	05/05/23	05/05/23	LYZ
Bromoform	ND		ug/Kg	3.4	0.68	313245	05/05/23	05/05/23	LYZ
Isopropylbenzene	ND		ug/Kg	3.4	0.68	313245	05/05/23	05/05/23	LYZ
1,1,2,2-Tetrachloroethane	ND		ug/Kg	3.4	0.68	313245	05/05/23	05/05/23	LYZ
1,2,3-Trichloropropane	ND		ug/Kg	3.4	0.68	313245	05/05/23	05/05/23	LYZ
Propylbenzene	ND		ug/Kg	3.4	0.68	313245	05/05/23	05/05/23	LYZ
Bromobenzene	ND		ug/Kg	3.4	0.68	313245	05/05/23	05/05/23	LYZ
1,3,5-Trimethylbenzene	ND		ug/Kg	3.4	0.68	313245	05/05/23	05/05/23	LYZ
2-Chlorotoluene	ND		ug/Kg	3.4	0.68	313245	05/05/23	05/05/23	LYZ
4-Chlorotoluene	ND		ug/Kg	3.4	0.68	313245	05/05/23	05/05/23	LYZ
tert-Butylbenzene	ND		ug/Kg	3.4	0.68	313245	05/05/23	05/05/23	LYZ
1,2,4-Trimethylbenzene	ND		ug/Kg	3.4	0.68	313245	05/05/23	05/05/23	LYZ
sec-Butylbenzene	ND		ug/Kg	3.4	0.68	313245	05/05/23	05/05/23	LYZ

Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

Analysis Results for 484369

484369-005 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
para-Isopropyl Toluene	ND		ug/Kg	3.4	0.68	313245	05/05/23	05/05/23	LYZ
1,3-Dichlorobenzene	ND		ug/Kg	3.4	0.68	313245	05/05/23	05/05/23	LYZ
1,4-Dichlorobenzene	ND		ug/Kg	3.4	0.68	313245	05/05/23	05/05/23	LYZ
n-Butylbenzene	ND		ug/Kg	3.4	0.68	313245	05/05/23	05/05/23	LYZ
1,2-Dichlorobenzene	ND		ug/Kg	3.4	0.68	313245	05/05/23	05/05/23	LYZ
1,2-Dibromo-3-Chloropropane	ND		ug/Kg	3.4	0.68	313245	05/05/23	05/05/23	LYZ
1,2,4-Trichlorobenzene	ND		ug/Kg	3.4	0.68	313245	05/05/23	05/05/23	LYZ
Hexachlorobutadiene	ND		ug/Kg	3.4	0.68	313245	05/05/23	05/05/23	LYZ
Naphthalene	ND		ug/Kg	3.4	0.68	313245	05/05/23	05/05/23	LYZ
1,2,3-Trichlorobenzene	ND		ug/Kg	3.4	0.68	313245	05/05/23	05/05/23	LYZ
Surrogates				**Limits**					
Dibromofluoromethane	100%		%REC	70-145	0.68	313245	05/05/23	05/05/23	LYZ
1,2-Dichloroethane-d4	100%		%REC	70-145	0.68	313245	05/05/23	05/05/23	LYZ
Toluene-d8	102%		%REC	70-145	0.68	313245	05/05/23	05/05/23	LYZ
Bromofluorobenzene	106%		%REC	70-145	0.68	313245	05/05/23	05/05/23	LYZ
Method: EPA 8270C-SIM Prep Method: EPA 3546									
1-Methylnaphthalene	ND		ug/Kg	990	99	313222	05/04/23	05/05/23	VTN
2-Methylnaphthalene	ND		ug/Kg	990	99	313222	05/04/23	05/05/23	VTN
Naphthalene	ND		ug/Kg	990	99	313222	05/04/23	05/05/23	VTN
Acenaphthylene	ND		ug/Kg	990	99	313222	05/04/23	05/05/23	VTN
Acenaphthene	ND		ug/Kg	990	99	313222	05/04/23	05/05/23	VTN
Fluorene	ND		ug/Kg	990	99	313222	05/04/23	05/05/23	VTN
Phenanthrene	ND		ug/Kg	990	99	313222	05/04/23	05/05/23	VTN
Anthracene	ND		ug/Kg	990	99	313222	05/04/23	05/05/23	VTN
Fluoranthene	ND		ug/Kg	990	99	313222	05/04/23	05/05/23	VTN
Pyrene	ND		ug/Kg	990	99	313222	05/04/23	05/05/23	VTN
Benzo(a)anthracene	ND		ug/Kg	990	99	313222	05/04/23	05/05/23	VTN
Chrysene	ND		ug/Kg	990	99	313222	05/04/23	05/05/23	VTN
Benzo(b)fluoranthene	ND		ug/Kg	990	99	313222	05/04/23	05/05/23	VTN
Benzo(k)fluoranthene	ND		ug/Kg	990	99	313222	05/04/23	05/05/23	VTN
Benzo(a)pyrene	ND		ug/Kg	990	99	313222	05/04/23	05/05/23	VTN
Indeno(1,2,3-cd)pyrene	ND		ug/Kg	990	99	313222	05/04/23	05/05/23	VTN
Dibenz(a,h)anthracene	ND		ug/Kg	990	99	313222	05/04/23	05/05/23	VTN
Benzo(g,h,i)perylene	ND		ug/Kg	990	99	313222	05/04/23	05/05/23	VTN
Surrogates				**Limits**					
Nitrobenzene-d5	78%		%REC	27-125	99	313222	05/04/23	05/05/23	VTN
2-Fluorobiphenyl	70%		%REC	30-120	99	313222	05/04/23	05/05/23	VTN
Terphenyl-d14	81%		%REC	33-155	99	313222	05/04/23	05/05/23	VTN

Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

Analysis Results for 484369

Sample ID: F-8-3.0	Lab ID: 484369-006	Collected: 05/01/23 15:32
	Matrix: Soil	

484369-006 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 8015B Prep Method: EPA 5035									
TPH Gasoline	ND		mg/Kg	2.4	0.8	313395	05/08/23	05/08/23	TCN
Surrogates				**Limits**					
Bromofluorobenzene (FID)	72%		%REC	60-140	0.8	313395	05/08/23	05/08/23	TCN
Method: EPA 8015M Prep Method: EPA 3580M									
DRO C10-C28	**350**		mg/Kg	200	20	313213	05/04/23	05/07/23	TJW
ORO C28-C44	**820**		mg/Kg	400	20	313213	05/04/23	05/07/23	TJW
Surrogates				**Limits**					
n-Triacontane		DO	%REC	70-130	20	313213	05/04/23	05/07/23	TJW
Method: EPA 8260B Prep Method: EPA 5035									
Freon 12	ND		ug/Kg	4.0	0.8	313245	05/05/23	05/05/23	LYZ
Chloromethane	ND		ug/Kg	4.0	0.8	313245	05/05/23	05/05/23	LYZ
Vinyl Chloride	ND		ug/Kg	4.0	0.8	313245	05/05/23	05/05/23	LYZ
Bromomethane	ND		ug/Kg	4.0	0.8	313245	05/05/23	05/05/23	LYZ
Chloroethane	ND		ug/Kg	4.0	0.8	313245	05/05/23	05/05/23	LYZ
Trichlorofluoromethane	ND		ug/Kg	4.0	0.8	313245	05/05/23	05/05/23	LYZ
Acetone	ND		ug/Kg	80	0.8	313245	05/05/23	05/05/23	LYZ
Freon 113	ND		ug/Kg	4.0	0.8	313245	05/05/23	05/05/23	LYZ
1,1-Dichloroethene	ND		ug/Kg	4.0	0.8	313245	05/05/23	05/05/23	LYZ
Methylene Chloride	ND		ug/Kg	4.0	0.8	313245	05/05/23	05/05/23	LYZ
MTBE	ND		ug/Kg	4.0	0.8	313245	05/05/23	05/05/23	LYZ
trans-1,2-Dichloroethene	ND		ug/Kg	4.0	0.8	313245	05/05/23	05/05/23	LYZ
1,1-Dichloroethane	ND		ug/Kg	4.0	0.8	313245	05/05/23	05/05/23	LYZ
2-Butanone	ND		ug/Kg	80	0.8	313245	05/05/23	05/05/23	LYZ
cis-1,2-Dichloroethene	ND		ug/Kg	4.0	0.8	313245	05/05/23	05/05/23	LYZ
2,2-Dichloropropane	ND		ug/Kg	4.0	0.8	313245	05/05/23	05/05/23	LYZ
Chloroform	ND		ug/Kg	4.0	0.8	313245	05/05/23	05/05/23	LYZ
Bromochloromethane	ND		ug/Kg	4.0	0.8	313245	05/05/23	05/05/23	LYZ
1,1,1-Trichloroethane	ND		ug/Kg	4.0	0.8	313245	05/05/23	05/05/23	LYZ
1,1-Dichloropropene	ND		ug/Kg	4.0	0.8	313245	05/05/23	05/05/23	LYZ
Carbon Tetrachloride	ND		ug/Kg	4.0	0.8	313245	05/05/23	05/05/23	LYZ
1,2-Dichloroethane	ND		ug/Kg	4.0	0.8	313245	05/05/23	05/05/23	LYZ
Benzene	ND		ug/Kg	4.0	0.8	313245	05/05/23	05/05/23	LYZ
Trichloroethene	ND		ug/Kg	4.0	0.8	313245	05/05/23	05/05/23	LYZ
1,2-Dichloropropane	ND		ug/Kg	4.0	0.8	313245	05/05/23	05/05/23	LYZ
Bromodichloromethane	ND		ug/Kg	4.0	0.8	313245	05/05/23	05/05/23	LYZ
Dibromomethane	ND		ug/Kg	4.0	0.8	313245	05/05/23	05/05/23	LYZ
4-Methyl-2-Pentanone	ND		ug/Kg	4.0	0.8	313245	05/05/23	05/05/23	LYZ
cis-1,3-Dichloropropene	ND		ug/Kg	4.0	0.8	313245	05/05/23	05/05/23	LYZ

Results for any subcontracted analyses are not included in this section.

Analysis Results for 484369

484369-006 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Toluene	ND		ug/Kg	4.0	0.8	313245	05/05/23	05/05/23	LYZ
trans-1,3-Dichloropropene	ND		ug/Kg	4.0	0.8	313245	05/05/23	05/05/23	LYZ
1,1,2-Trichloroethane	ND		ug/Kg	4.0	0.8	313245	05/05/23	05/05/23	LYZ
1,3-Dichloropropane	ND		ug/Kg	4.0	0.8	313245	05/05/23	05/05/23	LYZ
Tetrachloroethene	ND		ug/Kg	4.0	0.8	313245	05/05/23	05/05/23	LYZ
Dibromochloromethane	ND		ug/Kg	4.0	0.8	313245	05/05/23	05/05/23	LYZ
1,2-Dibromoethane	ND		ug/Kg	4.0	0.8	313245	05/05/23	05/05/23	LYZ
Chlorobenzene	ND		ug/Kg	4.0	0.8	313245	05/05/23	05/05/23	LYZ
1,1,1,2-Tetrachloroethane	ND		ug/Kg	4.0	0.8	313245	05/05/23	05/05/23	LYZ
Ethylbenzene	ND		ug/Kg	4.0	0.8	313245	05/05/23	05/05/23	LYZ
m,p-Xylenes	ND		ug/Kg	8.0	0.8	313245	05/05/23	05/05/23	LYZ
o-Xylene	ND		ug/Kg	4.0	0.8	313245	05/05/23	05/05/23	LYZ
Styrene	ND		ug/Kg	4.0	0.8	313245	05/05/23	05/05/23	LYZ
Bromoform	ND		ug/Kg	4.0	0.8	313245	05/05/23	05/05/23	LYZ
Isopropylbenzene	ND		ug/Kg	4.0	0.8	313245	05/05/23	05/05/23	LYZ
1,1,2,2-Tetrachloroethane	ND		ug/Kg	4.0	0.8	313245	05/05/23	05/05/23	LYZ
1,2,3-Trichloropropane	ND		ug/Kg	4.0	0.8	313245	05/05/23	05/05/23	LYZ
Propylbenzene	ND		ug/Kg	4.0	0.8	313245	05/05/23	05/05/23	LYZ
Bromobenzene	ND		ug/Kg	4.0	0.8	313245	05/05/23	05/05/23	LYZ
1,3,5-Trimethylbenzene	ND		ug/Kg	4.0	0.8	313245	05/05/23	05/05/23	LYZ
2-Chlorotoluene	ND		ug/Kg	4.0	0.8	313245	05/05/23	05/05/23	LYZ
4-Chlorotoluene	ND		ug/Kg	4.0	0.8	313245	05/05/23	05/05/23	LYZ
tert-Butylbenzene	ND		ug/Kg	4.0	0.8	313245	05/05/23	05/05/23	LYZ
1,2,4-Trimethylbenzene	ND		ug/Kg	4.0	0.8	313245	05/05/23	05/05/23	LYZ
sec-Butylbenzene	ND		ug/Kg	4.0	0.8	313245	05/05/23	05/05/23	LYZ
para-Isopropyl Toluene	ND		ug/Kg	4.0	0.8	313245	05/05/23	05/05/23	LYZ
1,3-Dichlorobenzene	ND		ug/Kg	4.0	0.8	313245	05/05/23	05/05/23	LYZ
1,4-Dichlorobenzene	ND		ug/Kg	4.0	0.8	313245	05/05/23	05/05/23	LYZ
n-Butylbenzene	ND		ug/Kg	4.0	0.8	313245	05/05/23	05/05/23	LYZ
1,2-Dichlorobenzene	ND		ug/Kg	4.0	0.8	313245	05/05/23	05/05/23	LYZ
1,2-Dibromo-3-Chloropropane	ND		ug/Kg	4.0	0.8	313245	05/05/23	05/05/23	LYZ
1,2,4-Trichlorobenzene	ND		ug/Kg	4.0	0.8	313245	05/05/23	05/05/23	LYZ
Hexachlorobutadiene	ND		ug/Kg	4.0	0.8	313245	05/05/23	05/05/23	LYZ
Naphthalene	ND		ug/Kg	4.0	0.8	313245	05/05/23	05/05/23	LYZ
1,2,3-Trichlorobenzene	ND		ug/Kg	4.0	0.8	313245	05/05/23	05/05/23	LYZ
Surrogates				**Limits**					
Dibromofluoromethane	98%		%REC	70-145	0.8	313245	05/05/23	05/05/23	LYZ
1,2-Dichloroethane-d4	101%		%REC	70-145	0.8	313245	05/05/23	05/05/23	LYZ
Toluene-d8	100%		%REC	70-145	0.8	313245	05/05/23	05/05/23	LYZ
Bromofluorobenzene	107%		%REC	70-145	0.8	313245	05/05/23	05/05/23	LYZ
Method: EPA 8270C-SIM Prep Method: EPA 3546									
1-Methylnaphthalene	ND		ug/Kg	1,000	100	313222	05/04/23	05/05/23	VTN
2-Methylnaphthalene	ND		ug/Kg	1,000	100	313222	05/04/23	05/05/23	VTN
Naphthalene	ND		ug/Kg	1,000	100	313222	05/04/23	05/05/23	VTN
Acenaphthylene	ND		ug/Kg	1,000	100	313222	05/04/23	05/05/23	VTN

Results for any subcontracted analyses are not included in this section.

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Analysis Results for 484369

484369-006 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Acenaphthene	ND		ug/Kg	1,000	100	313222	05/04/23	05/05/23	VTN
Fluorene	ND		ug/Kg	1,000	100	313222	05/04/23	05/05/23	VTN
Phenanthrene	ND		ug/Kg	1,000	100	313222	05/04/23	05/05/23	VTN
Anthracene	ND		ug/Kg	1,000	100	313222	05/04/23	05/05/23	VTN
Fluoranthene	ND		ug/Kg	1,000	100	313222	05/04/23	05/05/23	VTN
Pyrene	ND		ug/Kg	1,000	100	313222	05/04/23	05/05/23	VTN
Benzo(a)anthracene	ND		ug/Kg	1,000	100	313222	05/04/23	05/05/23	VTN
Chrysene	ND		ug/Kg	1,000	100	313222	05/04/23	05/05/23	VTN
Benzo(b)fluoranthene	ND		ug/Kg	1,000	100	313222	05/04/23	05/05/23	VTN
Benzo(k)fluoranthene	ND		ug/Kg	1,000	100	313222	05/04/23	05/05/23	VTN
Benzo(a)pyrene	ND		ug/Kg	1,000	100	313222	05/04/23	05/05/23	VTN
Indeno(1,2,3-cd)pyrene	ND		ug/Kg	1,000	100	313222	05/04/23	05/05/23	VTN
Dibenz(a,h)anthracene	ND		ug/Kg	1,000	100	313222	05/04/23	05/05/23	VTN
Benzo(g,h,i)perylene	ND		ug/Kg	1,000	100	313222	05/04/23	05/05/23	VTN
Surrogates				**Limits**					
Nitrobenzene-d5	79%		%REC	27-125	100	313222	05/04/23	05/05/23	VTN
2-Fluorobiphenyl	72%		%REC	30-120	100	313222	05/04/23	05/05/23	VTN
Terphenyl-d14	97%		%REC	33-155	100	313222	05/04/23	05/05/23	VTN

Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

Analysis Results for 484369

Sample ID: F-12-4.0	Lab ID: 484369-008	Collected: 05/02/23 11:04
	Matrix: Soil	

484369-008 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 6010B Prep Method: EPA 3050B									
Antimony	ND		mg/Kg	3.0	0.99	313134	05/03/23	05/04/23	KLN
Arsenic	**8.7**		mg/Kg	0.99	0.99	313134	05/03/23	05/04/23	KLN
Barium	**75**		mg/Kg	0.99	0.99	313134	05/03/23	05/04/23	KLN
Beryllium	**1.0**		mg/Kg	0.50	0.99	313134	05/03/23	05/04/23	KLN
Cadmium	ND		mg/Kg	0.50	0.99	313134	05/03/23	05/04/23	KLN
Chromium	**35**		mg/Kg	0.99	0.99	313134	05/03/23	05/04/23	KLN
Cobalt	**15**		mg/Kg	0.50	0.99	313134	05/03/23	05/04/23	KLN
Copper	**21**		mg/Kg	0.99	0.99	313134	05/03/23	05/04/23	KLN
Lead	**9.4**		mg/Kg	0.99	0.99	313134	05/03/23	05/04/23	KLN
Molybdenum	**2.3**		mg/Kg	0.99	0.99	313134	05/03/23	05/04/23	KLN
Nickel	**37**		mg/Kg	0.99	0.99	313134	05/03/23	05/04/23	KLN
Selenium	ND		mg/Kg	3.0	0.99	313134	05/03/23	05/04/23	KLN
Silver	ND		mg/Kg	0.50	0.99	313134	05/03/23	05/04/23	KLN
Thallium	ND		mg/Kg	3.0	0.99	313134	05/03/23	05/04/23	KLN
Vanadium	**54**		mg/Kg	0.99	0.99	313134	05/03/23	05/04/23	KLN
Zinc	**55**		mg/Kg	5.0	0.99	313134	05/03/23	05/04/23	KLN
Method: EPA 7471A Prep Method: METHOD									
Mercury	ND		mg/Kg	0.16	1.2	313157	05/04/23	05/04/23	KAM
Method: EPA 8015B Prep Method: EPA 5035									
TPH Gasoline	ND		mg/Kg	2.6	0.87	313395	05/08/23	05/08/23	TCN
Surrogates				**Limits**					
Bromofluorobenzene (FID)	77%		%REC	60-140	0.87	313395	05/08/23	05/08/23	TCN
Method: EPA 8015M Prep Method: EPA 3580M									
DRO C10-C28	**82**		mg/Kg	20	2	313213	05/04/23	05/06/23	TJW
ORO C28-C44	**150**		mg/Kg	40	2	313213	05/04/23	05/06/23	TJW
Surrogates				**Limits**					
n-Triacontane	121%		%REC	70-130	2	313213	05/04/23	05/06/23	TJW
Method: EPA 8081A Prep Method: EPA 3546									
alpha-BHC	ND		ug/Kg	10	2	313059	05/04/23	05/04/23	MES
beta-BHC	ND		ug/Kg	10	2	313059	05/04/23	05/04/23	MES
gamma-BHC	ND		ug/Kg	10	2	313059	05/04/23	05/04/23	MES
delta-BHC	ND		ug/Kg	10	2	313059	05/04/23	05/04/23	MES
Heptachlor	ND		ug/Kg	10	2	313059	05/04/23	05/04/23	MES
Aldrin	ND		ug/Kg	10	2	313059	05/04/23	05/04/23	MES
Heptachlor epoxide	ND		ug/Kg	10	2	313059	05/04/23	05/04/23	MES
Endosulfan I	ND		ug/Kg	10	2	313059	05/04/23	05/04/23	MES

Results for any subcontracted analyses are not included in this section.

Analysis Results for 484369

484369-008 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Dieldrin	ND		ug/Kg	10	2	313059	05/04/23	05/04/23	MES
4,4'-DDE	ND		ug/Kg	10	2	313059	05/04/23	05/04/23	MES
Endrin	ND		ug/Kg	10	2	313059	05/04/23	05/04/23	MES
Endosulfan II	ND		ug/Kg	10	2	313059	05/04/23	05/04/23	MES
Endosulfan sulfate	ND		ug/Kg	10	2	313059	05/04/23	05/04/23	MES
4,4'-DDD	ND		ug/Kg	10	2	313059	05/04/23	05/04/23	MES
Endrin aldehyde	ND		ug/Kg	10	2	313059	05/04/23	05/04/23	MES
Endrin ketone	ND		ug/Kg	10	2	313059	05/04/23	05/04/23	MES
4,4'-DDT	ND		ug/Kg	10	2	313059	05/04/23	05/04/23	MES
Methoxychlor	ND		ug/Kg	20	2	313059	05/04/23	05/04/23	MES
Toxaphene	ND		ug/Kg	200	2	313059	05/04/23	05/04/23	MES
Chlordane (Technical)	ND		ug/Kg	100	2	313059	05/04/23	05/04/23	MES
Surrogates				**Limits**					
TCMX	86%		%REC	23-120	2	313059	05/04/23	05/04/23	MES
Decachlorobiphenyl	115%		%REC	24-120	2	313059	05/04/23	05/04/23	MES
Method: EPA 8082 Prep Method: EPA 3546									
Aroclor-1016	ND		ug/Kg	50	1	313059	05/04/23	05/04/23	MES
Aroclor-1221	ND		ug/Kg	50	1	313059	05/04/23	05/04/23	MES
Aroclor-1232	ND		ug/Kg	50	1	313059	05/04/23	05/04/23	MES
Aroclor-1242	ND		ug/Kg	50	1	313059	05/04/23	05/04/23	MES
Aroclor-1248	ND		ug/Kg	50	1	313059	05/04/23	05/04/23	MES
Aroclor-1254	ND		ug/Kg	50	1	313059	05/04/23	05/04/23	MES
Aroclor-1260	ND		ug/Kg	50	1	313059	05/04/23	05/04/23	MES
Surrogates				**Limits**					
Decachlorobiphenyl (PCB)	100%		%REC	19-121	1	313059	05/04/23	05/04/23	MES
Method: EPA 8260B Prep Method: EPA 5035									
Freon 12	ND		ug/Kg	3.7	0.74	313245	05/05/23	05/05/23	LYZ
Chloromethane	ND		ug/Kg	3.7	0.74	313245	05/05/23	05/05/23	LYZ
Vinyl Chloride	ND		ug/Kg	3.7	0.74	313245	05/05/23	05/05/23	LYZ
Bromomethane	ND		ug/Kg	3.7	0.74	313245	05/05/23	05/05/23	LYZ
Chloroethane	ND		ug/Kg	3.7	0.74	313245	05/05/23	05/05/23	LYZ
Trichlorofluoromethane	ND		ug/Kg	3.7	0.74	313245	05/05/23	05/05/23	LYZ
Acetone	ND		ug/Kg	74	0.74	313245	05/05/23	05/05/23	LYZ
Freon 113	ND		ug/Kg	3.7	0.74	313245	05/05/23	05/05/23	LYZ
1,1-Dichloroethene	ND		ug/Kg	3.7	0.74	313245	05/05/23	05/05/23	LYZ
Methylene Chloride	ND		ug/Kg	3.7	0.74	313245	05/05/23	05/05/23	LYZ
MTBE	ND		ug/Kg	3.7	0.74	313245	05/05/23	05/05/23	LYZ
trans-1,2-Dichloroethene	ND		ug/Kg	3.7	0.74	313245	05/05/23	05/05/23	LYZ
1,1-Dichloroethane	ND		ug/Kg	3.7	0.74	313245	05/05/23	05/05/23	LYZ
2-Butanone	ND		ug/Kg	74	0.74	313245	05/05/23	05/05/23	LYZ
cis-1,2-Dichloroethene	ND		ug/Kg	3.7	0.74	313245	05/05/23	05/05/23	LYZ
2,2-Dichloropropane	ND		ug/Kg	3.7	0.74	313245	05/05/23	05/05/23	LYZ
Chloroform	ND		ug/Kg	3.7	0.74	313245	05/05/23	05/05/23	LYZ
Bromochloromethane	ND		ug/Kg	3.7	0.74	313245	05/05/23	05/05/23	LYZ

Results for any subcontracted analyses are not included in this section.

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Analysis Results for 484369

484369-008 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
1,1,1-Trichloroethane	ND		ug/Kg	3.7	0.74	313245	05/05/23	05/05/23	LYZ
1,1-Dichloropropene	ND		ug/Kg	3.7	0.74	313245	05/05/23	05/05/23	LYZ
Carbon Tetrachloride	ND		ug/Kg	3.7	0.74	313245	05/05/23	05/05/23	LYZ
1,2-Dichloroethane	ND		ug/Kg	3.7	0.74	313245	05/05/23	05/05/23	LYZ
Benzene	ND		ug/Kg	3.7	0.74	313245	05/05/23	05/05/23	LYZ
Trichloroethene	ND		ug/Kg	3.7	0.74	313245	05/05/23	05/05/23	LYZ
1,2-Dichloropropane	ND		ug/Kg	3.7	0.74	313245	05/05/23	05/05/23	LYZ
Bromodichloromethane	ND		ug/Kg	3.7	0.74	313245	05/05/23	05/05/23	LYZ
Dibromomethane	ND		ug/Kg	3.7	0.74	313245	05/05/23	05/05/23	LYZ
4-Methyl-2-Pentanone	ND		ug/Kg	3.7	0.74	313245	05/05/23	05/05/23	LYZ
cis-1,3-Dichloropropene	ND		ug/Kg	3.7	0.74	313245	05/05/23	05/05/23	LYZ
Toluene	ND		ug/Kg	3.7	0.74	313245	05/05/23	05/05/23	LYZ
trans-1,3-Dichloropropene	ND		ug/Kg	3.7	0.74	313245	05/05/23	05/05/23	LYZ
1,1,2-Trichloroethane	ND		ug/Kg	3.7	0.74	313245	05/05/23	05/05/23	LYZ
1,3-Dichloropropane	ND		ug/Kg	3.7	0.74	313245	05/05/23	05/05/23	LYZ
Tetrachloroethene	ND		ug/Kg	3.7	0.74	313245	05/05/23	05/05/23	LYZ
Dibromochloromethane	ND		ug/Kg	3.7	0.74	313245	05/05/23	05/05/23	LYZ
1,2-Dibromoethane	ND		ug/Kg	3.7	0.74	313245	05/05/23	05/05/23	LYZ
Chlorobenzene	ND		ug/Kg	3.7	0.74	313245	05/05/23	05/05/23	LYZ
1,1,1,2-Tetrachloroethane	ND		ug/Kg	3.7	0.74	313245	05/05/23	05/05/23	LYZ
Ethylbenzene	ND		ug/Kg	3.7	0.74	313245	05/05/23	05/05/23	LYZ
m,p-Xylenes	ND		ug/Kg	7.4	0.74	313245	05/05/23	05/05/23	LYZ
o-Xylene	ND		ug/Kg	3.7	0.74	313245	05/05/23	05/05/23	LYZ
Styrene	ND		ug/Kg	3.7	0.74	313245	05/05/23	05/05/23	LYZ
Bromoform	ND		ug/Kg	3.7	0.74	313245	05/05/23	05/05/23	LYZ
Isopropylbenzene	ND		ug/Kg	3.7	0.74	313245	05/05/23	05/05/23	LYZ
1,1,2,2-Tetrachloroethane	ND		ug/Kg	3.7	0.74	313245	05/05/23	05/05/23	LYZ
1,2,3-Trichloropropane	ND		ug/Kg	3.7	0.74	313245	05/05/23	05/05/23	LYZ
Propylbenzene	ND		ug/Kg	3.7	0.74	313245	05/05/23	05/05/23	LYZ
Bromobenzene	ND		ug/Kg	3.7	0.74	313245	05/05/23	05/05/23	LYZ
1,3,5-Trimethylbenzene	ND		ug/Kg	3.7	0.74	313245	05/05/23	05/05/23	LYZ
2-Chlorotoluene	ND		ug/Kg	3.7	0.74	313245	05/05/23	05/05/23	LYZ
4-Chlorotoluene	ND		ug/Kg	3.7	0.74	313245	05/05/23	05/05/23	LYZ
tert-Butylbenzene	ND		ug/Kg	3.7	0.74	313245	05/05/23	05/05/23	LYZ
1,2,4-Trimethylbenzene	ND		ug/Kg	3.7	0.74	313245	05/05/23	05/05/23	LYZ
sec-Butylbenzene	ND		ug/Kg	3.7	0.74	313245	05/05/23	05/05/23	LYZ
para-Isopropyl Toluene	ND		ug/Kg	3.7	0.74	313245	05/05/23	05/05/23	LYZ
1,3-Dichlorobenzene	ND		ug/Kg	3.7	0.74	313245	05/05/23	05/05/23	LYZ
1,4-Dichlorobenzene	ND		ug/Kg	3.7	0.74	313245	05/05/23	05/05/23	LYZ
n-Butylbenzene	ND		ug/Kg	3.7	0.74	313245	05/05/23	05/05/23	LYZ
1,2-Dichlorobenzene	ND		ug/Kg	3.7	0.74	313245	05/05/23	05/05/23	LYZ
1,2-Dibromo-3-Chloropropane	ND		ug/Kg	3.7	0.74	313245	05/05/23	05/05/23	LYZ
1,2,4-Trichlorobenzene	ND		ug/Kg	3.7	0.74	313245	05/05/23	05/05/23	LYZ
Hexachlorobutadiene	ND		ug/Kg	3.7	0.74	313245	05/05/23	05/05/23	LYZ
Naphthalene	ND		ug/Kg	3.7	0.74	313245	05/05/23	05/05/23	LYZ
1,2,3-Trichlorobenzene	ND		ug/Kg	3.7	0.74	313245	05/05/23	05/05/23	LYZ

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Analysis Results for 484369

484369-008 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Surrogates				**Limits**					
Dibromofluoromethane	102%		%REC	70-145	0.74	313245	05/05/23	05/05/23	LYZ
1,2-Dichloroethane-d4	104%		%REC	70-145	0.74	313245	05/05/23	05/05/23	LYZ
Toluene-d8	99%		%REC	70-145	0.74	313245	05/05/23	05/05/23	LYZ
Bromofluorobenzene	104%		%REC	70-145	0.74	313245	05/05/23	05/05/23	LYZ
Method: EPA 8270C Prep Method: EPA 3546									
Carbazole	ND		ug/Kg	250	0.99	313221	05/04/23	05/05/23	VTN
1-Methylnaphthalene	ND		ug/Kg	250	0.99	313221	05/04/23	05/05/23	VTN
Pyridine	ND		ug/Kg	250	0.99	313221	05/04/23	05/05/23	VTN
N-Nitrosodimethylamine	ND		ug/Kg	250	0.99	313221	05/04/23	05/05/23	VTN
Phenol	ND		ug/Kg	250	0.99	313221	05/04/23	05/05/23	VTN
Aniline	ND		ug/Kg	250	0.99	313221	05/04/23	05/05/23	VTN
bis(2-Chloroethyl)ether	ND		ug/Kg	1,200	0.99	313221	05/04/23	05/05/23	VTN
2-Chlorophenol	ND		ug/Kg	250	0.99	313221	05/04/23	05/05/23	VTN
1,3-Dichlorobenzene	ND		ug/Kg	250	0.99	313221	05/04/23	05/05/23	VTN
1,4-Dichlorobenzene	ND		ug/Kg	250	0.99	313221	05/04/23	05/05/23	VTN
Benzyl alcohol	ND		ug/Kg	250	0.99	313221	05/04/23	05/05/23	VTN
1,2-Dichlorobenzene	ND		ug/Kg	250	0.99	313221	05/04/23	05/05/23	VTN
2-Methylphenol	ND		ug/Kg	250	0.99	313221	05/04/23	05/05/23	VTN
bis(2-Chloroisopropyl) ether	ND		ug/Kg	250	0.99	313221	05/04/23	05/05/23	VTN
3-,4-Methylphenol	ND		ug/Kg	400	0.99	313221	05/04/23	05/05/23	VTN
N-Nitroso-di-n-propylamine	ND		ug/Kg	250	0.99	313221	05/04/23	05/05/23	VTN
Hexachloroethane	ND		ug/Kg	250	0.99	313221	05/04/23	05/05/23	VTN
Nitrobenzene	ND		ug/Kg	1,200	0.99	313221	05/04/23	05/05/23	VTN
Isophorone	ND		ug/Kg	250	0.99	313221	05/04/23	05/05/23	VTN
2-Nitrophenol	ND		ug/Kg	250	0.99	313221	05/04/23	05/05/23	VTN
2,4-Dimethylphenol	ND		ug/Kg	250	0.99	313221	05/04/23	05/05/23	VTN
Benzoic acid	ND		ug/Kg	1,200	0.99	313221	05/04/23	05/05/23	VTN
bis(2-Chloroethoxy)methane	ND		ug/Kg	250	0.99	313221	05/04/23	05/05/23	VTN
2,4-Dichlorophenol	ND		ug/Kg	250	0.99	313221	05/04/23	05/05/23	VTN
1,2,4-Trichlorobenzene	ND		ug/Kg	250	0.99	313221	05/04/23	05/05/23	VTN
Naphthalene	ND		ug/Kg	250	0.99	313221	05/04/23	05/05/23	VTN
4-Chloroaniline	ND		ug/Kg	250	0.99	313221	05/04/23	05/05/23	VTN
Hexachlorobutadiene	ND		ug/Kg	250	0.99	313221	05/04/23	05/05/23	VTN
4-Chloro-3-methylphenol	ND		ug/Kg	250	0.99	313221	05/04/23	05/05/23	VTN
2-Methylnaphthalene	ND		ug/Kg	250	0.99	313221	05/04/23	05/05/23	VTN
Hexachlorocyclopentadiene	ND		ug/Kg	1,200	0.99	313221	05/04/23	05/05/23	VTN
2,4,6-Trichlorophenol	ND		ug/Kg	250	0.99	313221	05/04/23	05/05/23	VTN
2,4,5-Trichlorophenol	ND		ug/Kg	250	0.99	313221	05/04/23	05/05/23	VTN
2-Chloronaphthalene	ND		ug/Kg	250	0.99	313221	05/04/23	05/05/23	VTN
2-Nitroaniline	ND		ug/Kg	250	0.99	313221	05/04/23	05/05/23	VTN
Dimethylphthalate	ND		ug/Kg	250	0.99	313221	05/04/23	05/05/23	VTN
Acenaphthylene	ND		ug/Kg	250	0.99	313221	05/04/23	05/05/23	VTN
2,6-Dinitrotoluene	ND		ug/Kg	250	0.99	313221	05/04/23	05/05/23	VTN
3-Nitroaniline	ND		ug/Kg	250	0.99	313221	05/04/23	05/05/23	VTN

Results for any subcontracted analyses are not included in this section.

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Analysis Results for 484369

484369-008 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Acenaphthene	ND		ug/Kg	250	0.99	313221	05/04/23	05/05/23	VTN
2,4-Dinitrophenol	ND		ug/Kg	1,200	0.99	313221	05/04/23	05/05/23	VTN
4-Nitrophenol	ND		ug/Kg	250	0.99	313221	05/04/23	05/05/23	VTN
Dibenzofuran	ND		ug/Kg	250	0.99	313221	05/04/23	05/05/23	VTN
2,4-Dinitrotoluene	ND		ug/Kg	250	0.99	313221	05/04/23	05/05/23	VTN
Diethylphthalate	ND		ug/Kg	250	0.99	313221	05/04/23	05/05/23	VTN
Fluorene	ND		ug/Kg	250	0.99	313221	05/04/23	05/05/23	VTN
4-Chlorophenyl-phenylether	ND		ug/Kg	250	0.99	313221	05/04/23	05/05/23	VTN
4-Nitroaniline	ND		ug/Kg	250	0.99	313221	05/04/23	05/05/23	VTN
4,6-Dinitro-2-methylphenol	ND		ug/Kg	250	0.99	313221	05/04/23	05/05/23	VTN
N-Nitrosodiphenylamine	ND		ug/Kg	250	0.99	313221	05/04/23	05/05/23	VTN
1,2-diphenylhydrazine (as azobenzene)	ND		ug/Kg	250	0.99	313221	05/04/23	05/05/23	VTN
4-Bromophenyl-phenylether	ND		ug/Kg	250	0.99	313221	05/04/23	05/05/23	VTN
Hexachlorobenzene	ND		ug/Kg	250	0.99	313221	05/04/23	05/05/23	VTN
Pentachlorophenol	ND		ug/Kg	1,200	0.99	313221	05/04/23	05/05/23	VTN
Phenanthrene	**1,000**		ug/Kg	250	0.99	313221	05/04/23	05/05/23	VTN
Anthracene	**300**		ug/Kg	250	0.99	313221	05/04/23	05/05/23	VTN
Di-n-butylphthalate	ND		ug/Kg	250	0.99	313221	05/04/23	05/05/23	VTN
Fluoranthene	**1,600**		ug/Kg	250	0.99	313221	05/04/23	05/05/23	VTN
Benzidine	ND		ug/Kg	1,200	0.99	313221	05/04/23	05/05/23	VTN
Pyrene	**1,800**		ug/Kg	250	0.99	313221	05/04/23	05/05/23	VTN
Butylbenzylphthalate	ND		ug/Kg	250	0.99	313221	05/04/23	05/05/23	VTN
3,3'-Dichlorobenzidine	ND		ug/Kg	1,200	0.99	313221	05/04/23	05/05/23	VTN
Benzo(a)anthracene	**800**		ug/Kg	250	0.99	313221	05/04/23	05/05/23	VTN
Chrysene	**870**		ug/Kg	250	0.99	313221	05/04/23	05/05/23	VTN
bis(2-Ethylhexyl)phthalate	ND		ug/Kg	250	0.99	313221	05/04/23	05/05/23	VTN
Di-n-octylphthalate	ND		ug/Kg	250	0.99	313221	05/04/23	05/05/23	VTN
Benzo(b)fluoranthene	**650**		ug/Kg	250	0.99	313221	05/04/23	05/05/23	VTN
Benzo(k)fluoranthene	**690**		ug/Kg	250	0.99	313221	05/04/23	05/05/23	VTN
Benzo(a)pyrene	**860**		ug/Kg	250	0.99	313221	05/04/23	05/05/23	VTN
Indeno(1,2,3-cd)pyrene	**570**		ug/Kg	250	0.99	313221	05/04/23	05/05/23	VTN
Dibenz(a,h)anthracene	ND		ug/Kg	250	0.99	313221	05/04/23	05/05/23	VTN
Benzo(g,h,i)perylene	**500**		ug/Kg	250	0.99	313221	05/04/23	05/05/23	VTN
Surrogates				**Limits**					
2-Fluorophenol	88%		%REC	29-120	0.99	313221	05/04/23	05/05/23	VTN
Phenol-d6	92%		%REC	30-120	0.99	313221	05/04/23	05/05/23	VTN
2,4,6-Tribromophenol	101%		%REC	32-120	0.99	313221	05/04/23	05/05/23	VTN
Nitrobenzene-d5	87%		%REC	33-120	0.99	313221	05/04/23	05/05/23	VTN
2-Fluorobiphenyl	89%		%REC	39-120	0.99	313221	05/04/23	05/05/23	VTN
Terphenyl-d14	96%		%REC	44-125	0.99	313221	05/04/23	05/05/23	VTN

Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

Analysis Results for 484369

Sample ID: F-12-15.0	Lab ID: 484369-010	Collected: 05/02/23 10:27
	Matrix: Soil	

484369-010 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 6010B Prep Method: EPA 3050B									
Antimony	ND		mg/Kg	2.9	0.98	313134	05/03/23	05/04/23	KLN
Arsenic	**9.5**		mg/Kg	0.98	0.98	313134	05/03/23	05/04/23	KLN
Barium	**72**		mg/Kg	0.98	0.98	313134	05/03/23	05/04/23	KLN
Beryllium	**0.91**		mg/Kg	0.49	0.98	313134	05/03/23	05/04/23	KLN
Cadmium	ND		mg/Kg	0.49	0.98	313134	05/03/23	05/04/23	KLN
Chromium	**34**		mg/Kg	0.98	0.98	313134	05/03/23	05/04/23	KLN
Cobalt	**16**		mg/Kg	0.49	0.98	313134	05/03/23	05/04/23	KLN
Copper	**35**		mg/Kg	0.98	0.98	313134	05/03/23	05/04/23	KLN
Lead	**6.1**		mg/Kg	0.98	0.98	313134	05/03/23	05/04/23	KLN
Molybdenum	**1.7**		mg/Kg	0.98	0.98	313134	05/03/23	05/04/23	KLN
Nickel	**37**		mg/Kg	0.98	0.98	313134	05/03/23	05/04/23	KLN
Selenium	ND		mg/Kg	2.9	0.98	313134	05/03/23	05/04/23	KLN
Silver	ND		mg/Kg	0.49	0.98	313134	05/03/23	05/04/23	KLN
Thallium	ND		mg/Kg	2.9	0.98	313134	05/03/23	05/04/23	KLN
Vanadium	**53**		mg/Kg	0.98	0.98	313134	05/03/23	05/04/23	KLN
Zinc	**75**		mg/Kg	4.9	0.98	313134	05/03/23	05/04/23	KLN
Method: EPA 7471A Prep Method: METHOD									
Mercury	ND		mg/Kg	0.16	1.2	313157	05/04/23	05/04/23	KAM

Results for any subcontracted analyses are not included in this section.

Analysis Results for 484369

Sample ID: F-13-5.0	Lab ID: 484369-012	Collected: 05/02/23 08:56
	Matrix: Soil	

484369-012 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 6010B Prep Method: EPA 3050B									
Antimony	ND		mg/Kg	2.8	0.93	313134	05/03/23	05/04/23	KLN
Arsenic	**10**		mg/Kg	0.93	0.93	313134	05/03/23	05/04/23	KLN
Barium	**77**		mg/Kg	0.93	0.93	313134	05/03/23	05/04/23	KLN
Beryllium	**0.99**		mg/Kg	0.46	0.93	313134	05/03/23	05/04/23	KLN
Cadmium	ND		mg/Kg	0.46	0.93	313134	05/03/23	05/04/23	KLN
Chromium	**36**		mg/Kg	0.93	0.93	313134	05/03/23	05/04/23	KLN
Cobalt	**18**		mg/Kg	0.46	0.93	313134	05/03/23	05/04/23	KLN
Copper	**29**		mg/Kg	0.93	0.93	313134	05/03/23	05/04/23	KLN
Lead	**6.5**		mg/Kg	0.93	0.93	313134	05/03/23	05/04/23	KLN
Molybdenum	**1.9**		mg/Kg	0.93	0.93	313134	05/03/23	05/04/23	KLN
Nickel	**40**		mg/Kg	0.93	0.93	313134	05/03/23	05/04/23	KLN
Selenium	ND		mg/Kg	2.8	0.93	313134	05/03/23	05/04/23	KLN
Silver	ND		mg/Kg	0.46	0.93	313134	05/03/23	05/04/23	KLN
Thallium	ND		mg/Kg	2.8	0.93	313134	05/03/23	05/04/23	KLN
Vanadium	**55**		mg/Kg	0.93	0.93	313134	05/03/23	05/04/23	KLN
Zinc	**65**		mg/Kg	4.6	0.93	313134	05/03/23	05/04/23	KLN
Method: EPA 7471A Prep Method: METHOD									
Mercury	ND		mg/Kg	0.14	1	313157	05/04/23	05/04/23	KAM

Results for any subcontracted analyses are not included in this section.

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Analysis Results for 484369

Sample ID: F-13-15.0	Lab ID: 484369-014	Collected: 05/02/23 09:08
	Matrix: Soil	

484369-014 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 6010B Prep Method: EPA 3050B									
Antimony	ND		mg/Kg	2.9	0.98	313134	05/03/23	05/04/23	KLN
Arsenic	**8.8**		mg/Kg	0.98	0.98	313134	05/03/23	05/04/23	KLN
Barium	**58**		mg/Kg	0.98	0.98	313134	05/03/23	05/04/23	KLN
Beryllium	**0.76**		mg/Kg	0.49	0.98	313134	05/03/23	05/04/23	KLN
Cadmium	ND		mg/Kg	0.49	0.98	313134	05/03/23	05/04/23	KLN
Chromium	**49**		mg/Kg	0.98	0.98	313134	05/03/23	05/04/23	KLN
Cobalt	**16**		mg/Kg	0.49	0.98	313134	05/03/23	05/04/23	KLN
Copper	**30**		mg/Kg	0.98	0.98	313134	05/03/23	05/04/23	KLN
Lead	**6.2**		mg/Kg	0.98	0.98	313134	05/03/23	05/04/23	KLN
Molybdenum	**2.0**		mg/Kg	0.98	0.98	313134	05/03/23	05/04/23	KLN
Nickel	**39**		mg/Kg	0.98	0.98	313134	05/03/23	05/04/23	KLN
Selenium	ND		mg/Kg	2.9	0.98	313134	05/03/23	05/04/23	KLN
Silver	ND		mg/Kg	0.49	0.98	313134	05/03/23	05/04/23	KLN
Thallium	ND		mg/Kg	2.9	0.98	313134	05/03/23	05/04/23	KLN
Vanadium	**62**		mg/Kg	0.98	0.98	313134	05/03/23	05/04/23	KLN
Zinc	**61**		mg/Kg	4.9	0.98	313134	05/03/23	05/04/23	KLN
Method: EPA 7471A Prep Method: METHOD									
Mercury	ND		mg/Kg	0.14	1	313157	05/04/23	05/04/23	KAM
Method: EPA 8015B Prep Method: EPA 5035									
TPH Gasoline	ND		mg/Kg	1.8	0.59	313395	05/08/23	05/08/23	TCN
Surrogates				**Limits**					
Bromofluorobenzene (FID)	78%		%REC	60-140	0.59	313395	05/08/23	05/08/23	TCN
Method: EPA 8015M Prep Method: EPA 3580M									
DRO C10-C28	ND		mg/Kg	9.9	0.99	313213	05/04/23	05/07/23	TJW
ORO C28-C44	ND		mg/Kg	20	0.99	313213	05/04/23	05/07/23	TJW
Surrogates				**Limits**					
n-Triacontane	97%		%REC	70-130	0.99	313213	05/04/23	05/07/23	TJW
Method: EPA 8081A Prep Method: EPA 3546									
alpha-BHC	ND		ug/Kg	5.0	1	313059	05/04/23	05/04/23	MES
beta-BHC	ND		ug/Kg	5.0	1	313059	05/04/23	05/04/23	MES
gamma-BHC	ND		ug/Kg	5.0	1	313059	05/04/23	05/04/23	MES
delta-BHC	ND		ug/Kg	5.0	1	313059	05/04/23	05/04/23	MES
Heptachlor	ND		ug/Kg	5.0	1	313059	05/04/23	05/04/23	MES
Aldrin	ND		ug/Kg	5.0	1	313059	05/04/23	05/04/23	MES
Heptachlor epoxide	ND		ug/Kg	5.0	1	313059	05/04/23	05/04/23	MES
Endosulfan I	ND		ug/Kg	5.0	1	313059	05/04/23	05/04/23	MES

Results for any subcontracted analyses are not included in this section.

Analysis Results for 484369

484369-014 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Dieldrin	ND		ug/Kg	5.0	1	313059	05/04/23	05/04/23	MES
4,4'-DDE	ND		ug/Kg	5.0	1	313059	05/04/23	05/04/23	MES
Endrin	ND		ug/Kg	5.0	1	313059	05/04/23	05/04/23	MES
Endosulfan II	ND		ug/Kg	5.0	1	313059	05/04/23	05/04/23	MES
Endosulfan sulfate	ND		ug/Kg	5.0	1	313059	05/04/23	05/04/23	MES
4,4'-DDD	ND		ug/Kg	5.0	1	313059	05/04/23	05/04/23	MES
Endrin aldehyde	ND		ug/Kg	5.0	1	313059	05/04/23	05/04/23	MES
Endrin ketone	ND		ug/Kg	5.0	1	313059	05/04/23	05/04/23	MES
4,4'-DDT	ND		ug/Kg	5.0	1	313059	05/04/23	05/04/23	MES
Methoxychlor	ND		ug/Kg	10	1	313059	05/04/23	05/04/23	MES
Toxaphene	ND		ug/Kg	100	1	313059	05/04/23	05/04/23	MES
Chlordane (Technical)	ND		ug/Kg	50	1	313059	05/04/23	05/04/23	MES
Surrogates				**Limits**					
TCMX	82%		%REC	23-120	1	313059	05/04/23	05/04/23	MES
Decachlorobiphenyl	89%		%REC	24-120	1	313059	05/04/23	05/04/23	MES
Method: EPA 8082 Prep Method: EPA 3546									
Aroclor-1016	ND		ug/Kg	50	1	313059	05/04/23	05/04/23	MES
Aroclor-1221	ND		ug/Kg	50	1	313059	05/04/23	05/04/23	MES
Aroclor-1232	ND		ug/Kg	50	1	313059	05/04/23	05/04/23	MES
Aroclor-1242	ND		ug/Kg	50	1	313059	05/04/23	05/04/23	MES
Aroclor-1248	ND		ug/Kg	50	1	313059	05/04/23	05/04/23	MES
Aroclor-1254	ND		ug/Kg	50	1	313059	05/04/23	05/04/23	MES
Aroclor-1260	ND		ug/Kg	50	1	313059	05/04/23	05/04/23	MES
Surrogates				**Limits**					
Decachlorobiphenyl (PCB)	85%		%REC	19-121	1	313059	05/04/23	05/04/23	MES
Method: EPA 8260B Prep Method: EPA 5035									
Freon 12	ND		ug/Kg	3.1	0.61	313245	05/05/23	05/05/23	LYZ
Chloromethane	ND		ug/Kg	3.1	0.61	313245	05/05/23	05/05/23	LYZ
Vinyl Chloride	ND		ug/Kg	3.1	0.61	313245	05/05/23	05/05/23	LYZ
Bromomethane	ND		ug/Kg	3.1	0.61	313245	05/05/23	05/05/23	LYZ
Chloroethane	ND		ug/Kg	3.1	0.61	313245	05/05/23	05/05/23	LYZ
Trichlorofluoromethane	ND		ug/Kg	3.1	0.61	313245	05/05/23	05/05/23	LYZ
Acetone	ND		ug/Kg	61	0.61	313245	05/05/23	05/05/23	LYZ
Freon 113	ND		ug/Kg	3.1	0.61	313245	05/05/23	05/05/23	LYZ
1,1-Dichloroethene	ND		ug/Kg	3.1	0.61	313245	05/05/23	05/05/23	LYZ
Methylene Chloride	ND		ug/Kg	3.1	0.61	313245	05/05/23	05/05/23	LYZ
MTBE	ND		ug/Kg	3.1	0.61	313245	05/05/23	05/05/23	LYZ
trans-1,2-Dichloroethene	ND		ug/Kg	3.1	0.61	313245	05/05/23	05/05/23	LYZ
1,1-Dichloroethane	ND		ug/Kg	3.1	0.61	313245	05/05/23	05/05/23	LYZ
2-Butanone	ND		ug/Kg	61	0.61	313245	05/05/23	05/05/23	LYZ
cis-1,2-Dichloroethene	ND		ug/Kg	3.1	0.61	313245	05/05/23	05/05/23	LYZ
2,2-Dichloropropane	ND		ug/Kg	3.1	0.61	313245	05/05/23	05/05/23	LYZ
Chloroform	ND		ug/Kg	3.1	0.61	313245	05/05/23	05/05/23	LYZ
Bromochloromethane	ND		ug/Kg	3.1	0.61	313245	05/05/23	05/05/23	LYZ

Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

Analysis Results for 484369

484369-014 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
1,1,1-Trichloroethane	ND		ug/Kg	3.1	0.61	313245	05/05/23	05/05/23	LYZ
1,1-Dichloropropene	ND		ug/Kg	3.1	0.61	313245	05/05/23	05/05/23	LYZ
Carbon Tetrachloride	ND		ug/Kg	3.1	0.61	313245	05/05/23	05/05/23	LYZ
1,2-Dichloroethane	ND		ug/Kg	3.1	0.61	313245	05/05/23	05/05/23	LYZ
Benzene	ND		ug/Kg	3.1	0.61	313245	05/05/23	05/05/23	LYZ
Trichloroethene	ND		ug/Kg	3.1	0.61	313245	05/05/23	05/05/23	LYZ
1,2-Dichloropropane	ND		ug/Kg	3.1	0.61	313245	05/05/23	05/05/23	LYZ
Bromodichloromethane	ND		ug/Kg	3.1	0.61	313245	05/05/23	05/05/23	LYZ
Dibromomethane	ND		ug/Kg	3.1	0.61	313245	05/05/23	05/05/23	LYZ
4-Methyl-2-Pentanone	ND		ug/Kg	3.1	0.61	313245	05/05/23	05/05/23	LYZ
cis-1,3-Dichloropropene	ND		ug/Kg	3.1	0.61	313245	05/05/23	05/05/23	LYZ
Toluene	ND		ug/Kg	3.1	0.61	313245	05/05/23	05/05/23	LYZ
trans-1,3-Dichloropropene	ND		ug/Kg	3.1	0.61	313245	05/05/23	05/05/23	LYZ
1,1,2-Trichloroethane	ND		ug/Kg	3.1	0.61	313245	05/05/23	05/05/23	LYZ
1,3-Dichloropropane	ND		ug/Kg	3.1	0.61	313245	05/05/23	05/05/23	LYZ
Tetrachloroethene	ND		ug/Kg	3.1	0.61	313245	05/05/23	05/05/23	LYZ
Dibromochloromethane	ND		ug/Kg	3.1	0.61	313245	05/05/23	05/05/23	LYZ
1,2-Dibromoethane	ND		ug/Kg	3.1	0.61	313245	05/05/23	05/05/23	LYZ
Chlorobenzene	ND		ug/Kg	3.1	0.61	313245	05/05/23	05/05/23	LYZ
1,1,1,2-Tetrachloroethane	ND		ug/Kg	3.1	0.61	313245	05/05/23	05/05/23	LYZ
Ethylbenzene	ND		ug/Kg	3.1	0.61	313245	05/05/23	05/05/23	LYZ
m,p-Xylenes	ND		ug/Kg	6.1	0.61	313245	05/05/23	05/05/23	LYZ
o-Xylene	ND		ug/Kg	3.1	0.61	313245	05/05/23	05/05/23	LYZ
Styrene	ND		ug/Kg	3.1	0.61	313245	05/05/23	05/05/23	LYZ
Bromoform	ND		ug/Kg	3.1	0.61	313245	05/05/23	05/05/23	LYZ
Isopropylbenzene	ND		ug/Kg	3.1	0.61	313245	05/05/23	05/05/23	LYZ
1,1,2,2-Tetrachloroethane	ND		ug/Kg	3.1	0.61	313245	05/05/23	05/05/23	LYZ
1,2,3-Trichloropropane	ND		ug/Kg	3.1	0.61	313245	05/05/23	05/05/23	LYZ
Propylbenzene	ND		ug/Kg	3.1	0.61	313245	05/05/23	05/05/23	LYZ
Bromobenzene	ND		ug/Kg	3.1	0.61	313245	05/05/23	05/05/23	LYZ
1,3,5-Trimethylbenzene	ND		ug/Kg	3.1	0.61	313245	05/05/23	05/05/23	LYZ
2-Chlorotoluene	ND		ug/Kg	3.1	0.61	313245	05/05/23	05/05/23	LYZ
4-Chlorotoluene	ND		ug/Kg	3.1	0.61	313245	05/05/23	05/05/23	LYZ
tert-Butylbenzene	ND		ug/Kg	3.1	0.61	313245	05/05/23	05/05/23	LYZ
1,2,4-Trimethylbenzene	ND		ug/Kg	3.1	0.61	313245	05/05/23	05/05/23	LYZ
sec-Butylbenzene	ND		ug/Kg	3.1	0.61	313245	05/05/23	05/05/23	LYZ
para-Isopropyl Toluene	ND		ug/Kg	3.1	0.61	313245	05/05/23	05/05/23	LYZ
1,3-Dichlorobenzene	ND		ug/Kg	3.1	0.61	313245	05/05/23	05/05/23	LYZ
1,4-Dichlorobenzene	ND		ug/Kg	3.1	0.61	313245	05/05/23	05/05/23	LYZ
n-Butylbenzene	ND		ug/Kg	3.1	0.61	313245	05/05/23	05/05/23	LYZ
1,2-Dichlorobenzene	ND		ug/Kg	3.1	0.61	313245	05/05/23	05/05/23	LYZ
1,2-Dibromo-3-Chloropropane	ND		ug/Kg	3.1	0.61	313245	05/05/23	05/05/23	LYZ
1,2,4-Trichlorobenzene	ND		ug/Kg	3.1	0.61	313245	05/05/23	05/05/23	LYZ
Hexachlorobutadiene	ND		ug/Kg	3.1	0.61	313245	05/05/23	05/05/23	LYZ
Naphthalene	ND		ug/Kg	3.1	0.61	313245	05/05/23	05/05/23	LYZ
1,2,3-Trichlorobenzene	ND		ug/Kg	3.1	0.61	313245	05/05/23	05/05/23	LYZ

Results for any subcontracted analyses are not included in this section.

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Analysis Results for 484369

484369-014 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Surrogates				**Limits**					
Dibromofluoromethane	104%		%REC	70-145	0.61	313245	05/05/23	05/05/23	LYZ
1,2-Dichloroethane-d4	102%		%REC	70-145	0.61	313245	05/05/23	05/05/23	LYZ
Toluene-d8	97%		%REC	70-145	0.61	313245	05/05/23	05/05/23	LYZ
Bromofluorobenzene	101%		%REC	70-145	0.61	313245	05/05/23	05/05/23	LYZ
Method: EPA 8270C Prep Method: EPA 3546									
Carbazole	ND		ug/Kg	250	1	313221	05/04/23	05/05/23	VTN
1-Methylnaphthalene	ND		ug/Kg	250	1	313221	05/04/23	05/05/23	VTN
Pyridine	ND		ug/Kg	250	1	313221	05/04/23	05/05/23	VTN
N-Nitrosodimethylamine	ND		ug/Kg	250	1	313221	05/04/23	05/05/23	VTN
Phenol	ND		ug/Kg	250	1	313221	05/04/23	05/05/23	VTN
Aniline	ND		ug/Kg	250	1	313221	05/04/23	05/05/23	VTN
bis(2-Chloroethyl)ether	ND		ug/Kg	1,200	1	313221	05/04/23	05/05/23	VTN
2-Chlorophenol	ND		ug/Kg	250	1	313221	05/04/23	05/05/23	VTN
1,3-Dichlorobenzene	ND		ug/Kg	250	1	313221	05/04/23	05/05/23	VTN
1,4-Dichlorobenzene	ND		ug/Kg	250	1	313221	05/04/23	05/05/23	VTN
Benzyl alcohol	ND		ug/Kg	250	1	313221	05/04/23	05/05/23	VTN
1,2-Dichlorobenzene	ND		ug/Kg	250	1	313221	05/04/23	05/05/23	VTN
2-Methylphenol	ND		ug/Kg	250	1	313221	05/04/23	05/05/23	VTN
bis(2-Chloroisopropyl) ether	ND		ug/Kg	250	1	313221	05/04/23	05/05/23	VTN
3-,4-Methylphenol	ND		ug/Kg	400	1	313221	05/04/23	05/05/23	VTN
N-Nitroso-di-n-propylamine	ND		ug/Kg	250	1	313221	05/04/23	05/05/23	VTN
Hexachloroethane	ND		ug/Kg	250	1	313221	05/04/23	05/05/23	VTN
Nitrobenzene	ND		ug/Kg	1,200	1	313221	05/04/23	05/05/23	VTN
Isophorone	ND		ug/Kg	250	1	313221	05/04/23	05/05/23	VTN
2-Nitrophenol	ND		ug/Kg	250	1	313221	05/04/23	05/05/23	VTN
2,4-Dimethylphenol	ND		ug/Kg	250	1	313221	05/04/23	05/05/23	VTN
Benzoic acid	ND		ug/Kg	1,200	1	313221	05/04/23	05/05/23	VTN
bis(2-Chloroethoxy)methane	ND		ug/Kg	250	1	313221	05/04/23	05/05/23	VTN
2,4-Dichlorophenol	ND		ug/Kg	250	1	313221	05/04/23	05/05/23	VTN
1,2,4-Trichlorobenzene	ND		ug/Kg	250	1	313221	05/04/23	05/05/23	VTN
Naphthalene	ND		ug/Kg	250	1	313221	05/04/23	05/05/23	VTN
4-Chloroaniline	ND		ug/Kg	250	1	313221	05/04/23	05/05/23	VTN
Hexachlorobutadiene	ND		ug/Kg	250	1	313221	05/04/23	05/05/23	VTN
4-Chloro-3-methylphenol	ND		ug/Kg	250	1	313221	05/04/23	05/05/23	VTN
2-Methylnaphthalene	ND		ug/Kg	250	1	313221	05/04/23	05/05/23	VTN
Hexachlorocyclopentadiene	ND		ug/Kg	1,200	1	313221	05/04/23	05/05/23	VTN
2,4,6-Trichlorophenol	ND		ug/Kg	250	1	313221	05/04/23	05/05/23	VTN
2,4,5-Trichlorophenol	ND		ug/Kg	250	1	313221	05/04/23	05/05/23	VTN
2-Chloronaphthalene	ND		ug/Kg	250	1	313221	05/04/23	05/05/23	VTN
2-Nitroaniline	ND		ug/Kg	250	1	313221	05/04/23	05/05/23	VTN
Dimethylphthalate	ND		ug/Kg	250	1	313221	05/04/23	05/05/23	VTN
Acenaphthylene	ND		ug/Kg	250	1	313221	05/04/23	05/05/23	VTN
2,6-Dinitrotoluene	ND		ug/Kg	250	1	313221	05/04/23	05/05/23	VTN
3-Nitroaniline	ND		ug/Kg	250	1	313221	05/04/23	05/05/23	VTN

Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

Analysis Results for 484369

484369-014 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Acenaphthene	ND		ug/Kg	250	1	313221	05/04/23	05/05/23	VTN
2,4-Dinitrophenol	ND		ug/Kg	1,200	1	313221	05/04/23	05/05/23	VTN
4-Nitrophenol	ND		ug/Kg	250	1	313221	05/04/23	05/05/23	VTN
Dibenzofuran	ND		ug/Kg	250	1	313221	05/04/23	05/05/23	VTN
2,4-Dinitrotoluene	ND		ug/Kg	250	1	313221	05/04/23	05/05/23	VTN
Diethylphthalate	ND		ug/Kg	250	1	313221	05/04/23	05/05/23	VTN
Fluorene	ND		ug/Kg	250	1	313221	05/04/23	05/05/23	VTN
4-Chlorophenyl-phenylether	ND		ug/Kg	250	1	313221	05/04/23	05/05/23	VTN
4-Nitroaniline	ND		ug/Kg	250	1	313221	05/04/23	05/05/23	VTN
4,6-Dinitro-2-methylphenol	ND		ug/Kg	250	1	313221	05/04/23	05/05/23	VTN
N-Nitrosodiphenylamine	ND		ug/Kg	250	1	313221	05/04/23	05/05/23	VTN
1,2-diphenylhydrazine (as azobenzene)	ND		ug/Kg	250	1	313221	05/04/23	05/05/23	VTN
4-Bromophenyl-phenylether	ND		ug/Kg	250	1	313221	05/04/23	05/05/23	VTN
Hexachlorobenzene	ND		ug/Kg	250	1	313221	05/04/23	05/05/23	VTN
Pentachlorophenol	ND		ug/Kg	1,200	1	313221	05/04/23	05/05/23	VTN
Phenanthrene	ND		ug/Kg	250	1	313221	05/04/23	05/05/23	VTN
Anthracene	ND		ug/Kg	250	1	313221	05/04/23	05/05/23	VTN
Di-n-butylphthalate	ND		ug/Kg	250	1	313221	05/04/23	05/05/23	VTN
Fluoranthene	ND		ug/Kg	250	1	313221	05/04/23	05/05/23	VTN
Benzidine	ND		ug/Kg	1,200	1	313221	05/04/23	05/05/23	VTN
Pyrene	ND		ug/Kg	250	1	313221	05/04/23	05/05/23	VTN
Butylbenzylphthalate	ND		ug/Kg	250	1	313221	05/04/23	05/05/23	VTN
3,3'-Dichlorobenzidine	ND		ug/Kg	1,200	1	313221	05/04/23	05/05/23	VTN
Benzo(a)anthracene	ND		ug/Kg	250	1	313221	05/04/23	05/05/23	VTN
Chrysene	ND		ug/Kg	250	1	313221	05/04/23	05/05/23	VTN
bis(2-Ethylhexyl)phthalate	ND		ug/Kg	250	1	313221	05/04/23	05/05/23	VTN
Di-n-octylphthalate	ND		ug/Kg	250	1	313221	05/04/23	05/05/23	VTN
Benzo(b)fluoranthene	ND		ug/Kg	250	1	313221	05/04/23	05/05/23	VTN
Benzo(k)fluoranthene	ND		ug/Kg	250	1	313221	05/04/23	05/05/23	VTN
Benzo(a)pyrene	ND		ug/Kg	250	1	313221	05/04/23	05/05/23	VTN
Indeno(1,2,3-cd)pyrene	ND		ug/Kg	250	1	313221	05/04/23	05/05/23	VTN
Dibenz(a,h)anthracene	ND		ug/Kg	250	1	313221	05/04/23	05/05/23	VTN
Benzo(g,h,i)perylene	ND		ug/Kg	250	1	313221	05/04/23	05/05/23	VTN
Surrogates				**Limits**					
2-Fluorophenol	83%		%REC	29-120	1	313221	05/04/23	05/05/23	VTN
Phenol-d6	90%		%REC	30-120	1	313221	05/04/23	05/05/23	VTN
2,4,6-Tribromophenol	105%		%REC	32-120	1	313221	05/04/23	05/05/23	VTN
Nitrobenzene-d5	90%		%REC	33-120	1	313221	05/04/23	05/05/23	VTN
2-Fluorobiphenyl	89%		%REC	39-120	1	313221	05/04/23	05/05/23	VTN
Terphenyl-d14	93%		%REC	44-125	1	313221	05/04/23	05/05/23	VTN

Results for any subcontracted analyses are not included in this section.

Analysis Results for 484369

Sample ID: F-20-5.0	Lab ID: 484369-015	Collected: 05/02/23 13:24
	Matrix: Soil	

484369-015 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 6010B Prep Method: EPA 3050B									
Antimony	ND		mg/Kg	2.8	0.93	313134	05/03/23	05/04/23	KLN
Arsenic	**4.5**		mg/Kg	0.93	0.93	313134	05/03/23	05/04/23	KLN
Barium	**130**		mg/Kg	0.93	0.93	313134	05/03/23	05/04/23	KLN
Beryllium	ND		mg/Kg	0.46	0.93	313134	05/03/23	05/04/23	KLN
Cadmium	ND		mg/Kg	0.46	0.93	313134	05/03/23	05/04/23	KLN
Chromium	**42**		mg/Kg	0.93	0.93	313134	05/03/23	05/04/23	KLN
Cobalt	**9.0**		mg/Kg	0.46	0.93	313134	05/03/23	05/04/23	KLN
Copper	**23**		mg/Kg	0.93	0.93	313134	05/03/23	05/04/23	KLN
Lead	**8.2**		mg/Kg	0.93	0.93	313134	05/03/23	05/04/23	KLN
Molybdenum	**1.8**		mg/Kg	0.93	0.93	313134	05/03/23	05/04/23	KLN
Nickel	**48**		mg/Kg	0.93	0.93	313134	05/03/23	05/04/23	KLN
Selenium	ND		mg/Kg	2.8	0.93	313134	05/03/23	05/04/23	KLN
Silver	ND		mg/Kg	0.46	0.93	313134	05/03/23	05/04/23	KLN
Thallium	ND		mg/Kg	2.8	0.93	313134	05/03/23	05/04/23	KLN
Vanadium	**42**		mg/Kg	0.93	0.93	313134	05/03/23	05/04/23	KLN
Zinc	**58**		mg/Kg	4.6	0.93	313134	05/03/23	05/04/23	KLN
Method: EPA 7471A Prep Method: METHOD									
Mercury	ND		mg/Kg	0.15	1.1	313157	05/04/23	05/04/23	KAM

Results for any subcontracted analyses are not included in this section.

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Analysis Results for 484369

Sample ID: F-20-10.0	Lab ID: 484369-016	Collected: 05/02/23 13:44
	Matrix: Soil	

484369-016 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 6010B Prep Method: EPA 3050B									
Antimony	ND		mg/Kg	2.9	0.96	313134	05/03/23	05/04/23	KLN
Arsenic	**4.4**		mg/Kg	0.96	0.96	313134	05/03/23	05/04/23	KLN
Barium	**100**		mg/Kg	0.96	0.96	313134	05/03/23	05/04/23	KLN
Beryllium	ND		mg/Kg	0.48	0.96	313134	05/03/23	05/04/23	KLN
Cadmium	ND		mg/Kg	0.48	0.96	313134	05/03/23	05/04/23	KLN
Chromium	**41**		mg/Kg	0.96	0.96	313134	05/03/23	05/04/23	KLN
Cobalt	**7.9**		mg/Kg	0.48	0.96	313134	05/03/23	05/04/23	KLN
Copper	**18**		mg/Kg	0.96	0.96	313134	05/03/23	05/04/23	KLN
Lead	**16**		mg/Kg	0.96	0.96	313134	05/03/23	05/04/23	KLN
Molybdenum	**1.4**		mg/Kg	0.96	0.96	313134	05/03/23	05/04/23	KLN
Nickel	**38**		mg/Kg	0.96	0.96	313134	05/03/23	05/04/23	KLN
Selenium	ND		mg/Kg	2.9	0.96	313134	05/03/23	05/04/23	KLN
Silver	ND		mg/Kg	0.48	0.96	313134	05/03/23	05/04/23	KLN
Thallium	ND		mg/Kg	2.9	0.96	313134	05/03/23	05/04/23	KLN
Vanadium	**40**		mg/Kg	0.96	0.96	313134	05/03/23	05/04/23	KLN
Zinc	**49**		mg/Kg	4.8	0.96	313134	05/03/23	05/04/23	KLN
Method: EPA 7471A Prep Method: METHOD									
Mercury	ND		mg/Kg	0.15	1.1	313157	05/04/23	05/04/23	KAM
Method: EPA 8015B Prep Method: EPA 5035									
TPH Gasoline	ND		mg/Kg	1.7	0.56	313395	05/08/23	05/08/23	TCN
Surrogates				**Limits**					
Bromofluorobenzene (FID)	76%		%REC	60-140	0.56	313395	05/08/23	05/08/23	TCN
Method: EPA 8015M Prep Method: EPA 3580M									
DRO C10-C28	ND		mg/Kg	9.9	0.99	313213	05/04/23	05/07/23	TJW
ORO C28-C44	ND		mg/Kg	20	0.99	313213	05/04/23	05/07/23	TJW
Surrogates				**Limits**					
n-Triacontane	98%		%REC	70-130	0.99	313213	05/04/23	05/07/23	TJW
Method: EPA 8260B Prep Method: EPA 5035									
Freon 12	ND		ug/Kg	3.3	0.66	313245	05/05/23	05/05/23	LYZ
Chloromethane	ND		ug/Kg	3.3	0.66	313245	05/05/23	05/05/23	LYZ
Vinyl Chloride	ND		ug/Kg	3.3	0.66	313245	05/05/23	05/05/23	LYZ
Bromomethane	ND		ug/Kg	3.3	0.66	313245	05/05/23	05/05/23	LYZ
Chloroethane	ND		ug/Kg	3.3	0.66	313245	05/05/23	05/05/23	LYZ
Trichlorofluoromethane	ND		ug/Kg	3.3	0.66	313245	05/05/23	05/05/23	LYZ
Acetone	ND		ug/Kg	66	0.66	313245	05/05/23	05/05/23	LYZ
Freon 113	ND		ug/Kg	3.3	0.66	313245	05/05/23	05/05/23	LYZ

Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

Analysis Results for 484369

484369-016 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
1,1-Dichloroethene	ND		ug/Kg	3.3	0.66	313245	05/05/23	05/05/23	LYZ
Methylene Chloride	ND		ug/Kg	3.3	0.66	313245	05/05/23	05/05/23	LYZ
MTBE	ND		ug/Kg	3.3	0.66	313245	05/05/23	05/05/23	LYZ
trans-1,2-Dichloroethene	ND		ug/Kg	3.3	0.66	313245	05/05/23	05/05/23	LYZ
1,1-Dichloroethane	ND		ug/Kg	3.3	0.66	313245	05/05/23	05/05/23	LYZ
2-Butanone	ND		ug/Kg	66	0.66	313245	05/05/23	05/05/23	LYZ
cis-1,2-Dichloroethene	ND		ug/Kg	3.3	0.66	313245	05/05/23	05/05/23	LYZ
2,2-Dichloropropane	ND		ug/Kg	3.3	0.66	313245	05/05/23	05/05/23	LYZ
Chloroform	ND		ug/Kg	3.3	0.66	313245	05/05/23	05/05/23	LYZ
Bromochloromethane	ND		ug/Kg	3.3	0.66	313245	05/05/23	05/05/23	LYZ
1,1,1-Trichloroethane	ND		ug/Kg	3.3	0.66	313245	05/05/23	05/05/23	LYZ
1,1-Dichloropropene	ND		ug/Kg	3.3	0.66	313245	05/05/23	05/05/23	LYZ
Carbon Tetrachloride	ND		ug/Kg	3.3	0.66	313245	05/05/23	05/05/23	LYZ
1,2-Dichloroethane	ND		ug/Kg	3.3	0.66	313245	05/05/23	05/05/23	LYZ
Benzene	ND		ug/Kg	3.3	0.66	313245	05/05/23	05/05/23	LYZ
Trichloroethene	ND		ug/Kg	3.3	0.66	313245	05/05/23	05/05/23	LYZ
1,2-Dichloropropane	ND		ug/Kg	3.3	0.66	313245	05/05/23	05/05/23	LYZ
Bromodichloromethane	ND		ug/Kg	3.3	0.66	313245	05/05/23	05/05/23	LYZ
Dibromomethane	ND		ug/Kg	3.3	0.66	313245	05/05/23	05/05/23	LYZ
4-Methyl-2-Pentanone	ND		ug/Kg	3.3	0.66	313245	05/05/23	05/05/23	LYZ
cis-1,3-Dichloropropene	ND		ug/Kg	3.3	0.66	313245	05/05/23	05/05/23	LYZ
Toluene	ND		ug/Kg	3.3	0.66	313245	05/05/23	05/05/23	LYZ
trans-1,3-Dichloropropene	ND		ug/Kg	3.3	0.66	313245	05/05/23	05/05/23	LYZ
1,1,2-Trichloroethane	ND		ug/Kg	3.3	0.66	313245	05/05/23	05/05/23	LYZ
1,3-Dichloropropane	ND		ug/Kg	3.3	0.66	313245	05/05/23	05/05/23	LYZ
Tetrachloroethene	ND		ug/Kg	3.3	0.66	313245	05/05/23	05/05/23	LYZ
Dibromochloromethane	ND		ug/Kg	3.3	0.66	313245	05/05/23	05/05/23	LYZ
1,2-Dibromoethane	ND		ug/Kg	3.3	0.66	313245	05/05/23	05/05/23	LYZ
Chlorobenzene	ND		ug/Kg	3.3	0.66	313245	05/05/23	05/05/23	LYZ
1,1,1,2-Tetrachloroethane	ND		ug/Kg	3.3	0.66	313245	05/05/23	05/05/23	LYZ
Ethylbenzene	ND		ug/Kg	3.3	0.66	313245	05/05/23	05/05/23	LYZ
m,p-Xylenes	ND		ug/Kg	6.6	0.66	313245	05/05/23	05/05/23	LYZ
o-Xylene	ND		ug/Kg	3.3	0.66	313245	05/05/23	05/05/23	LYZ
Styrene	ND		ug/Kg	3.3	0.66	313245	05/05/23	05/05/23	LYZ
Bromoform	ND		ug/Kg	3.3	0.66	313245	05/05/23	05/05/23	LYZ
Isopropylbenzene	ND		ug/Kg	3.3	0.66	313245	05/05/23	05/05/23	LYZ
1,1,2,2-Tetrachloroethane	ND		ug/Kg	3.3	0.66	313245	05/05/23	05/05/23	LYZ
1,2,3-Trichloropropane	ND		ug/Kg	3.3	0.66	313245	05/05/23	05/05/23	LYZ
Propylbenzene	ND		ug/Kg	3.3	0.66	313245	05/05/23	05/05/23	LYZ
Bromobenzene	ND		ug/Kg	3.3	0.66	313245	05/05/23	05/05/23	LYZ
1,3,5-Trimethylbenzene	ND		ug/Kg	3.3	0.66	313245	05/05/23	05/05/23	LYZ
2-Chlorotoluene	ND		ug/Kg	3.3	0.66	313245	05/05/23	05/05/23	LYZ
4-Chlorotoluene	ND		ug/Kg	3.3	0.66	313245	05/05/23	05/05/23	LYZ
tert-Butylbenzene	ND		ug/Kg	3.3	0.66	313245	05/05/23	05/05/23	LYZ
1,2,4-Trimethylbenzene	ND		ug/Kg	3.3	0.66	313245	05/05/23	05/05/23	LYZ
sec-Butylbenzene	ND		ug/Kg	3.3	0.66	313245	05/05/23	05/05/23	LYZ

Results for any subcontracted analyses are not included in this section.

Analysis Results for 484369

484369-016 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
para-Isopropyl Toluene	ND		ug/Kg	3.3	0.66	313245	05/05/23	05/05/23	LYZ
1,3-Dichlorobenzene	ND		ug/Kg	3.3	0.66	313245	05/05/23	05/05/23	LYZ
1,4-Dichlorobenzene	ND		ug/Kg	3.3	0.66	313245	05/05/23	05/05/23	LYZ
n-Butylbenzene	ND		ug/Kg	3.3	0.66	313245	05/05/23	05/05/23	LYZ
1,2-Dichlorobenzene	ND		ug/Kg	3.3	0.66	313245	05/05/23	05/05/23	LYZ
1,2-Dibromo-3-Chloropropane	ND		ug/Kg	3.3	0.66	313245	05/05/23	05/05/23	LYZ
1,2,4-Trichlorobenzene	ND		ug/Kg	3.3	0.66	313245	05/05/23	05/05/23	LYZ
Hexachlorobutadiene	ND		ug/Kg	3.3	0.66	313245	05/05/23	05/05/23	LYZ
Naphthalene	ND		ug/Kg	3.3	0.66	313245	05/05/23	05/05/23	LYZ
1,2,3-Trichlorobenzene	ND		ug/Kg	3.3	0.66	313245	05/05/23	05/05/23	LYZ
Surrogates				**Limits**					
Dibromofluoromethane	101%		%REC	70-145	0.66	313245	05/05/23	05/05/23	LYZ
1,2-Dichloroethane-d4	101%		%REC	70-145	0.66	313245	05/05/23	05/05/23	LYZ
Toluene-d8	98%		%REC	70-145	0.66	313245	05/05/23	05/05/23	LYZ
Bromofluorobenzene	101%		%REC	70-145	0.66	313245	05/05/23	05/05/23	LYZ
Method: EPA 8270C Prep Method: EPA 3546									
Carbazole	ND		ug/Kg	250	1	313221	05/04/23	05/05/23	VTN
1-Methylnaphthalene	ND		ug/Kg	250	1	313221	05/04/23	05/05/23	VTN
Pyridine	ND		ug/Kg	250	1	313221	05/04/23	05/05/23	VTN
N-Nitrosodimethylamine	ND		ug/Kg	250	1	313221	05/04/23	05/05/23	VTN
Phenol	ND		ug/Kg	250	1	313221	05/04/23	05/05/23	VTN
Aniline	ND		ug/Kg	250	1	313221	05/04/23	05/05/23	VTN
bis(2-Chloroethyl)ether	ND		ug/Kg	1,200	1	313221	05/04/23	05/05/23	VTN
2-Chlorophenol	ND		ug/Kg	250	1	313221	05/04/23	05/05/23	VTN
1,3-Dichlorobenzene	ND		ug/Kg	250	1	313221	05/04/23	05/05/23	VTN
1,4-Dichlorobenzene	ND		ug/Kg	250	1	313221	05/04/23	05/05/23	VTN
Benzyl alcohol	ND		ug/Kg	250	1	313221	05/04/23	05/05/23	VTN
1,2-Dichlorobenzene	ND		ug/Kg	250	1	313221	05/04/23	05/05/23	VTN
2-Methylphenol	ND		ug/Kg	250	1	313221	05/04/23	05/05/23	VTN
bis(2-Chloroisopropyl) ether	ND		ug/Kg	250	1	313221	05/04/23	05/05/23	VTN
3-,4-Methylphenol	ND		ug/Kg	400	1	313221	05/04/23	05/05/23	VTN
N-Nitroso-di-n-propylamine	ND		ug/Kg	250	1	313221	05/04/23	05/05/23	VTN
Hexachloroethane	ND		ug/Kg	250	1	313221	05/04/23	05/05/23	VTN
Nitrobenzene	ND		ug/Kg	1,200	1	313221	05/04/23	05/05/23	VTN
Isophorone	ND		ug/Kg	250	1	313221	05/04/23	05/05/23	VTN
2-Nitrophenol	ND		ug/Kg	250	1	313221	05/04/23	05/05/23	VTN
2,4-Dimethylphenol	ND		ug/Kg	250	1	313221	05/04/23	05/05/23	VTN
Benzoic acid	ND		ug/Kg	1,200	1	313221	05/04/23	05/05/23	VTN
bis(2-Chloroethoxy)methane	ND		ug/Kg	250	1	313221	05/04/23	05/05/23	VTN
2,4-Dichlorophenol	ND		ug/Kg	250	1	313221	05/04/23	05/05/23	VTN
1,2,4-Trichlorobenzene	ND		ug/Kg	250	1	313221	05/04/23	05/05/23	VTN
Naphthalene	ND		ug/Kg	250	1	313221	05/04/23	05/05/23	VTN
4-Chloroaniline	ND		ug/Kg	250	1	313221	05/04/23	05/05/23	VTN
Hexachlorobutadiene	ND		ug/Kg	250	1	313221	05/04/23	05/05/23	VTN
4-Chloro-3-methylphenol	ND		ug/Kg	250	1	313221	05/04/23	05/05/23	VTN

Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

Analysis Results for 484369

484369-016 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
2-Methylnaphthalene	ND		ug/Kg	250	1	313221	05/04/23	05/05/23	VTN
Hexachlorocyclopentadiene	ND		ug/Kg	1,200	1	313221	05/04/23	05/05/23	VTN
2,4,6-Trichlorophenol	ND		ug/Kg	250	1	313221	05/04/23	05/05/23	VTN
2,4,5-Trichlorophenol	ND		ug/Kg	250	1	313221	05/04/23	05/05/23	VTN
2-Chloronaphthalene	ND		ug/Kg	250	1	313221	05/04/23	05/05/23	VTN
2-Nitroaniline	ND		ug/Kg	250	1	313221	05/04/23	05/05/23	VTN
Dimethylphthalate	ND		ug/Kg	250	1	313221	05/04/23	05/05/23	VTN
Acenaphthylene	ND		ug/Kg	250	1	313221	05/04/23	05/05/23	VTN
2,6-Dinitrotoluene	ND		ug/Kg	250	1	313221	05/04/23	05/05/23	VTN
3-Nitroaniline	ND		ug/Kg	250	1	313221	05/04/23	05/05/23	VTN
Acenaphthene	ND		ug/Kg	250	1	313221	05/04/23	05/05/23	VTN
2,4-Dinitrophenol	ND		ug/Kg	1,200	1	313221	05/04/23	05/05/23	VTN
4-Nitrophenol	ND		ug/Kg	250	1	313221	05/04/23	05/05/23	VTN
Dibenzofuran	ND		ug/Kg	250	1	313221	05/04/23	05/05/23	VTN
2,4-Dinitrotoluene	ND		ug/Kg	250	1	313221	05/04/23	05/05/23	VTN
Diethylphthalate	ND		ug/Kg	250	1	313221	05/04/23	05/05/23	VTN
Fluorene	ND		ug/Kg	250	1	313221	05/04/23	05/05/23	VTN
4-Chlorophenyl-phenylether	ND		ug/Kg	250	1	313221	05/04/23	05/05/23	VTN
4-Nitroaniline	ND		ug/Kg	250	1	313221	05/04/23	05/05/23	VTN
4,6-Dinitro-2-methylphenol	ND		ug/Kg	250	1	313221	05/04/23	05/05/23	VTN
N-Nitrosodiphenylamine	ND		ug/Kg	250	1	313221	05/04/23	05/05/23	VTN
1,2-diphenylhydrazine (as azobenzene)	ND		ug/Kg	250	1	313221	05/04/23	05/05/23	VTN
4-Bromophenyl-phenylether	ND		ug/Kg	250	1	313221	05/04/23	05/05/23	VTN
Hexachlorobenzene	ND		ug/Kg	250	1	313221	05/04/23	05/05/23	VTN
Pentachlorophenol	ND		ug/Kg	1,200	1	313221	05/04/23	05/05/23	VTN
Phenanthrene	ND		ug/Kg	250	1	313221	05/04/23	05/05/23	VTN
Anthracene	ND		ug/Kg	250	1	313221	05/04/23	05/05/23	VTN
Di-n-butylphthalate	ND		ug/Kg	250	1	313221	05/04/23	05/05/23	VTN
Fluoranthene	ND		ug/Kg	250	1	313221	05/04/23	05/05/23	VTN
Benzidine	ND		ug/Kg	1,200	1	313221	05/04/23	05/05/23	VTN
Pyrene	ND		ug/Kg	250	1	313221	05/04/23	05/05/23	VTN
Butylbenzylphthalate	ND		ug/Kg	250	1	313221	05/04/23	05/05/23	VTN
3,3'-Dichlorobenzidine	ND		ug/Kg	1,200	1	313221	05/04/23	05/05/23	VTN
Benzo(a)anthracene	ND		ug/Kg	250	1	313221	05/04/23	05/05/23	VTN
Chrysene	ND		ug/Kg	250	1	313221	05/04/23	05/05/23	VTN
bis(2-Ethylhexyl)phthalate	ND		ug/Kg	250	1	313221	05/04/23	05/05/23	VTN
Di-n-octylphthalate	ND		ug/Kg	250	1	313221	05/04/23	05/05/23	VTN
Benzo(b)fluoranthene	ND		ug/Kg	250	1	313221	05/04/23	05/05/23	VTN
Benzo(k)fluoranthene	ND		ug/Kg	250	1	313221	05/04/23	05/05/23	VTN
Benzo(a)pyrene	ND		ug/Kg	250	1	313221	05/04/23	05/05/23	VTN
Indeno(1,2,3-cd)pyrene	ND		ug/Kg	250	1	313221	05/04/23	05/05/23	VTN
Dibenz(a,h)anthracene	ND		ug/Kg	250	1	313221	05/04/23	05/05/23	VTN
Benzo(g,h,i)perylene	ND		ug/Kg	250	1	313221	05/04/23	05/05/23	VTN
Surrogates				**Limits**					
2-Fluorophenol	85%		%REC	29-120	1	313221	05/04/23	05/05/23	VTN
Phenol-d6	90%		%REC	30-120	1	313221	05/04/23	05/05/23	VTN

Results for any subcontracted analyses are not included in this section.

Analysis Results for 484369

484369-016 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
2,4,6-Tribromophenol	112%		%REC	32-120	1	313221	05/04/23	05/05/23	VTN
Nitrobenzene-d5	85%		%REC	33-120	1	313221	05/04/23	05/05/23	VTN
2-Fluorobiphenyl	86%		%REC	39-120	1	313221	05/04/23	05/05/23	VTN
Terphenyl-d14	96%		%REC	44-125	1	313221	05/04/23	05/05/23	VTN

DO Diluted Out
ND Not Detected

Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

Batch QC

Type: Blank	**Lab ID: QC1063049**	**Batch: 313134**
Matrix: Soil	**Method: EPA 6010B**	**Prep Method: EPA 3050B**

QC1063049 Analyte	Result	Qual	Units	RL	Prepared	Analyzed
Antimony	ND		mg/Kg	3.0	05/03/23	05/04/23
Arsenic	ND		mg/Kg	1.0	05/03/23	05/04/23
Barium	ND		mg/Kg	1.0	05/03/23	05/04/23
Beryllium	ND		mg/Kg	0.50	05/03/23	05/04/23
Cadmium	ND		mg/Kg	0.50	05/03/23	05/04/23
Chromium	ND		mg/Kg	1.0	05/03/23	05/04/23
Cobalt	ND		mg/Kg	0.50	05/03/23	05/04/23
Copper	ND		mg/Kg	1.0	05/03/23	05/04/23
Lead	ND		mg/Kg	1.0	05/03/23	05/04/23
Molybdenum	ND		mg/Kg	1.0	05/03/23	05/04/23
Nickel	ND		mg/Kg	1.0	05/03/23	05/04/23
Selenium	ND		mg/Kg	3.0	05/03/23	05/04/23
Silver	ND		mg/Kg	0.50	05/03/23	05/04/23
Thallium	ND		mg/Kg	3.0	05/03/23	05/04/23
Vanadium	ND		mg/Kg	1.0	05/03/23	05/04/23
Zinc	ND		mg/Kg	5.0	05/03/23	05/04/23

Type: Lab Control Sample	**Lab ID: QC1063050**	**Batch: 313134**
Matrix: Soil	**Method: EPA 6010B**	**Prep Method: EPA 3050B**

QC1063050 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Antimony	88.06	100.0	mg/Kg	88%		80-120
Arsenic	95.77	100.0	mg/Kg	96%		80-120
Barium	99.55	100.0	mg/Kg	100%		80-120
Beryllium	100.2	100.0	mg/Kg	100%		80-120
Cadmium	102.0	100.0	mg/Kg	102%		80-120
Chromium	99.07	100.0	mg/Kg	99%		80-120
Cobalt	105.0	100.0	mg/Kg	105%		80-120
Copper	96.24	100.0	mg/Kg	96%		80-120
Lead	100.6	100.0	mg/Kg	101%		80-120
Molybdenum	97.53	100.0	mg/Kg	98%		80-120
Nickel	101.4	100.0	mg/Kg	101%		80-120
Selenium	89.89	100.0	mg/Kg	90%		80-120
Silver	46.94	50.00	mg/Kg	94%		80-120
Thallium	100.1	100.0	mg/Kg	100%		80-120
Vanadium	98.57	100.0	mg/Kg	99%		80-120
Zinc	98.87	100.0	mg/Kg	99%		80-120

ENTHALPY ANALYTICAL

Batch QC

Type:	Matrix Spike	Lab ID:	QC1063051	Batch:	313134
Matrix (Source ID):	Soil (484369-001)	Method:	EPA 6010B	Prep Method:	EPA 3050B

QC1063051 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Antimony	37.18	2.679	100.0	mg/Kg	35%	*	75-125	1
Arsenic	102.5	6.806	100.0	mg/Kg	96%		75-125	1
Barium	154.8	43.88	100.0	mg/Kg	111%		75-125	1
Beryllium	97.23	0.5858	100.0	mg/Kg	97%		75-125	1
Cadmium	95.15	0.1583	100.0	mg/Kg	95%		75-125	1
Chromium	132.1	35.58	100.0	mg/Kg	96%		75-125	1
Cobalt	110.4	11.71	100.0	mg/Kg	99%		75-125	1
Copper	113.8	11.35	100.0	mg/Kg	102%		75-125	1
Lead	99.57	6.411	100.0	mg/Kg	93%		75-125	1
Molybdenum	92.85	2.138	100.0	mg/Kg	91%		75-125	1
Nickel	130.8	34.90	100.0	mg/Kg	96%		75-125	1
Selenium	86.98	1.045	100.0	mg/Kg	86%		75-125	1
Silver	46.86	ND	50.00	mg/Kg	94%		75-125	1
Thallium	93.87	0.9056	100.0	mg/Kg	93%		75-125	1
Vanadium	151.8	55.54	100.0	mg/Kg	96%		75-125	1
Zinc	135.9	45.26	100.0	mg/Kg	91%		75-125	1

Type:	Matrix Spike Duplicate	Lab ID:	QC1063052	Batch:	313134
Matrix (Source ID):	Soil (484369-001)	Method:	EPA 6010B	Prep Method:	EPA 3050B

QC1063052 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
Antimony	36.41	2.679	95.24	mg/Kg	35%	*	75-125	3	41	0.95
Arsenic	95.82	6.806	95.24	mg/Kg	93%		75-125	2	35	0.95
Barium	152.7	43.88	95.24	mg/Kg	114%		75-125	2	20	0.95
Beryllium	93.54	0.5858	95.24	mg/Kg	98%		75-125	1	20	0.95
Cadmium	91.26	0.1583	95.24	mg/Kg	96%		75-125	1	20	0.95
Chromium	129.2	35.58	95.24	mg/Kg	98%		75-125	1	20	0.95
Cobalt	106.4	11.71	95.24	mg/Kg	99%		75-125	1	20	0.95
Copper	110.4	11.35	95.24	mg/Kg	104%		75-125	1	20	0.95
Lead	95.67	6.411	95.24	mg/Kg	94%		75-125	1	20	0.95
Molybdenum	89.05	2.138	95.24	mg/Kg	91%		75-125	1	20	0.95
Nickel	125.5	34.90	95.24	mg/Kg	95%		75-125	1	20	0.95
Selenium	83.47	1.045	95.24	mg/Kg	87%		75-125	1	20	0.95
Silver	45.29	ND	47.62	mg/Kg	95%		75-125	1	20	0.95
Thallium	89.62	0.9056	95.24	mg/Kg	93%		75-125	0	20	0.95
Vanadium	151.2	55.54	95.24	mg/Kg	100%		75-125	3	20	0.95
Zinc	133.8	45.26	95.24	mg/Kg	93%		75-125	2	20	0.95

ENTHALPY ANALYTICAL

Batch QC

Type: Blank	Lab ID: QC1063137	Batch: 313157
Matrix: Soil	Method: EPA 7471A	Prep Method: METHOD

QC1063137 Analyte	Result	Qual	Units	RL	Prepared	Analyzed
Mercury	ND		mg/Kg	0.14	05/04/23	05/04/23

Type: Lab Control Sample	Lab ID: QC1063138	Batch: 313157
Matrix: Soil	Method: EPA 7471A	Prep Method: METHOD

QC1063138 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Mercury	0.8832	0.8333	mg/Kg	106%		80-120

Type: Matrix Spike	Lab ID: QC1063156	Batch: 313157
Matrix (Source ID): Soil (484369-001)	Method: EPA 7471A	Prep Method: METHOD

QC1063156 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Mercury	0.9173	0.02607	0.8621	mg/Kg	103%		75-125	1

Type: Matrix Spike Duplicate	Lab ID: QC1063157	Batch: 313157
Matrix (Source ID): Soil (484369-001)	Method: EPA 7471A	Prep Method: METHOD

QC1063157 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
Mercury	1.080	0.02607	0.9804	mg/Kg	107%		75-125	4	20	1.2

Type: Blank	Lab ID: QC1063964	Batch: 313395
Matrix: Soil	Method: EPA 8015B	Prep Method: EPA 5035

QC1063964 Analyte	Result	Qual	Units	RL	Prepared	Analyzed
TPH Gasoline	ND		mg/Kg	75	05/08/23	05/08/23
Surrogates				**Limits**		
Bromofluorobenzene (FID)	79%		%REC	60-140	05/08/23	05/08/23

Type: Blank	Lab ID: QC1063965	Batch: 313395
Matrix: Soil	Method: EPA 8015B	Prep Method: EPA 5035

QC1063965 Analyte	Result	Qual	Units	RL	Prepared	Analyzed
TPH Gasoline	ND		mg/Kg	3.0	05/08/23	05/08/23
Surrogates				**Limits**		
Bromofluorobenzene (FID)	78%		%REC	60-140	05/08/23	05/08/23

ENTHALPY ANALYTICAL

Batch QC

Type: Lab Control Sample	Lab ID: QC1063966	Batch: 313395
Matrix: Soil	Method: EPA 8015B	Prep Method: EPA 5035

QC1063966 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
TPH Gasoline	4.235	5.000	mg/Kg	85%		70-130
Surrogates						
Bromofluorobenzene (FID)	0.2152	0.2000	mg/Kg	108%		60-140

Type: Lab Control Sample Duplicate	Lab ID: QC1063967	Batch: 313395
Matrix: Soil	Method: EPA 8015B	Prep Method: EPA 5035

QC1063967 Analyte	Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim
TPH Gasoline	4.241	5.000	mg/Kg	85%		70-130	0	20
Surrogates								
Bromofluorobenzene (FID)	0.2146	0.2000	mg/Kg	107%		60-140		

Type: Blank	Lab ID: QC1063297	Batch: 313213
Matrix: Soil	Method: EPA 8015M	Prep Method: EPA 3580M

QC1063297 Analyte	Result	Qual	Units	RL	Prepared	Analyzed
DRO C10-C28	ND		mg/Kg	10	05/04/23	05/06/23
ORO C28-C44	ND		mg/Kg	20	05/04/23	05/06/23
Surrogates				**Limits**		
n-Triacontane	102%		%REC	70-130	05/04/23	05/06/23

Type: Lab Control Sample	Lab ID: QC1063298	Batch: 313213
Matrix: Soil	Method: EPA 8015M	Prep Method: EPA 3580M

QC1063298 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Diesel C10-C28	242.7	248.8	mg/Kg	98%		76-122
Surrogates						
n-Triacontane	10.31	9.950	mg/Kg	104%		70-130

Type: Matrix Spike	Lab ID: QC1063299	Batch: 313213
Matrix (Source ID): Soil (484369-008)	Method: EPA 8015M	Prep Method: EPA 3580M

QC1063299 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Diesel C10-C28	307.5	82.27	249.0	mg/Kg	90%		62-126	2
Surrogates								
n-Triacontane	10.22		9.960	mg/Kg	103%		70-130	2

ENTHALPY ANALYTICAL

Batch QC

Type:	**Matrix Spike Duplicate**	**Lab ID:**	**QC1063300**	**Batch:**	**313213**
Matrix (Source ID):	**Soil (484369-008)**	**Method:**	**EPA 8015M**	**Prep Method:**	**EPA 3580M**

QC1063300 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
Diesel C10-C28	297.4	82.27	248.9	mg/Kg	86%		62-126	3	35	2
Surrogates										
n-Triacontane	11.75		9.955	mg/Kg	118%		70-130			2

ENTHALPY ANALYTICAL

Batch QC

Type: Blank	Lab ID: QC1062809	Batch: 313059
Matrix: Soil		

QC1062809 Analyte	Result	Qual	Units	RL	Prepared	Analyzed
Method: EPA 8081A Prep Method: EPA 3546						
alpha-BHC	ND		ug/Kg	5.0	05/03/23	05/03/23
beta-BHC	ND		ug/Kg	5.0	05/03/23	05/03/23
gamma-BHC	ND		ug/Kg	5.0	05/03/23	05/03/23
delta-BHC	ND		ug/Kg	5.0	05/03/23	05/03/23
Heptachlor	ND		ug/Kg	5.0	05/03/23	05/03/23
Aldrin	ND		ug/Kg	5.0	05/03/23	05/03/23
Heptachlor epoxide	ND		ug/Kg	5.0	05/03/23	05/03/23
Endosulfan I	ND		ug/Kg	5.0	05/03/23	05/03/23
Dieldrin	ND		ug/Kg	5.0	05/03/23	05/03/23
4,4'-DDE	ND		ug/Kg	5.0	05/03/23	05/03/23
Endrin	ND		ug/Kg	5.0	05/03/23	05/03/23
Endosulfan II	ND		ug/Kg	5.0	05/03/23	05/03/23
Endosulfan sulfate	ND		ug/Kg	5.0	05/03/23	05/03/23
4,4'-DDD	ND		ug/Kg	5.0	05/03/23	05/03/23
Endrin aldehyde	ND		ug/Kg	5.0	05/03/23	05/03/23
Endrin ketone	ND		ug/Kg	5.0	05/03/23	05/03/23
4,4'-DDT	ND		ug/Kg	5.0	05/03/23	05/03/23
Methoxychlor	ND		ug/Kg	9.9	05/03/23	05/03/23
Toxaphene	ND		ug/Kg	99	05/03/23	05/03/23
Chlordane (Technical)	ND		ug/Kg	50	05/03/23	05/03/23
Surrogates				**Limits**		
TCMX	89%		%REC	23-120	05/03/23	05/03/23
Decachlorobiphenyl	94%		%REC	24-120	05/03/23	05/03/23
Method: EPA 8082 Prep Method: EPA 3546						
Aroclor-1016	ND		ug/Kg	50	05/03/23	05/03/23
Aroclor-1221	ND		ug/Kg	50	05/03/23	05/03/23
Aroclor-1232	ND		ug/Kg	50	05/03/23	05/03/23
Aroclor-1242	ND		ug/Kg	50	05/03/23	05/03/23
Aroclor-1248	ND		ug/Kg	50	05/03/23	05/03/23
Aroclor-1254	ND		ug/Kg	50	05/03/23	05/03/23
Aroclor-1260	ND		ug/Kg	50	05/03/23	05/03/23
Surrogates				**Limits**		
Decachlorobiphenyl (PCB)	83%		%REC	19-121	05/03/23	05/03/23

ENTHALPY ANALYTICAL

Batch QC

Type: Lab Control Sample	**Lab ID: QC1062810**	**Batch: 313059**
Matrix: Soil	**Method: EPA 8081A**	**Prep Method: EPA 3546**

QC1062810 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
alpha-BHC	42.01	49.07	ug/Kg	86%		22-129
beta-BHC	40.83	49.07	ug/Kg	83%		28-125
gamma-BHC	41.76	49.07	ug/Kg	85%		22-128
delta-BHC	43.70	49.07	ug/Kg	89%		24-131
Heptachlor	39.25	49.07	ug/Kg	80%		18-124
Aldrin	32.56	49.07	ug/Kg	66%		23-120
Heptachlor epoxide	40.07	49.07	ug/Kg	82%		26-120
Endosulfan I	40.52	49.07	ug/Kg	83%		25-126
Dieldrin	38.59	49.07	ug/Kg	79%		23-124
4,4'-DDE	40.44	49.07	ug/Kg	82%		28-121
Endrin	40.50	49.07	ug/Kg	83%		25-127
Endosulfan II	39.94	49.07	ug/Kg	81%		29-121
Endosulfan sulfate	37.19	49.07	ug/Kg	76%		30-121
4,4'-DDD	41.76	49.07	ug/Kg	85%		26-120
Endrin aldehyde	26.63	49.07	ug/Kg	54%		10-120
Endrin ketone	39.02	49.07	ug/Kg	80%		28-125
4,4'-DDT	35.25	49.07	ug/Kg	72%		22-125
Methoxychlor	40.23	49.07	ug/Kg	82%		28-130
Surrogates						
TCMX	39.31	49.07	ug/Kg	80%		23-120
Decachlorobiphenyl	32.44	49.07	ug/Kg	66%		24-120

ENTHALPY ANALYTICAL

Batch QC

Type:	**Matrix Spike**	**Lab ID:**	**QC1062811**	**Batch:**	**313059**
Matrix (Source ID):	**Soil (484328-001)**	**Method:**	**EPA 8081A**	**Prep Method:**	**EPA 3546**

QC1062811 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
alpha-BHC	38.46	ND	49.85	ug/Kg	77%		46-120	1
beta-BHC	42.07	1.944	49.85	ug/Kg	79%		41-120	1
gamma-BHC	37.56	ND	49.85	ug/Kg	75%		41-120	1
delta-BHC	17.92	ND	49.85	ug/Kg	36%	*	38-123	1
Heptachlor	39.68	ND	49.85	ug/Kg	80%		39-120	1
Aldrin	37.41	ND	49.85	ug/Kg	75%		34-120	1
Heptachlor epoxide	40.31	ND	49.85	ug/Kg	81%		43-120	1
Endosulfan I	40.96	ND	49.85	ug/Kg	82%		45-120	1
Dieldrin	39.38	ND	49.85	ug/Kg	79%		45-120	1
4,4'-DDE	41.65	ND	49.85	ug/Kg	84%		34-120	1
Endrin	40.15	ND	49.85	ug/Kg	81%		40-120	1
Endosulfan II	40.06	ND	49.85	ug/Kg	80%		41-120	1
Endosulfan sulfate	36.05	ND	49.85	ug/Kg	72%		42-120	1
4,4'-DDD	40.81	ND	49.85	ug/Kg	82%		41-120	1
Endrin aldehyde	32.69	ND	49.85	ug/Kg	62%		30-120	1
Endrin ketone	40.42	ND	49.85	ug/Kg	81%		45-120	1
4,4'-DDT	38.13	ND	49.85	ug/Kg	76%		35-127	1
Methoxychlor	43.22	ND	49.85	ug/Kg	87%		42-136	1
Surrogates								
TCMX	38.42		49.85	ug/Kg	77%		23-120	1
Decachlorobiphenyl	36.68		49.85	ug/Kg	74%		24-120	1

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Batch QC

Type:	**Matrix Spike Duplicate**	**Lab ID:**	**QC1062812**	**Batch:**	**313059**
Matrix (Source ID):	**Soil (484328-001)**	**Method:**	**EPA 8081A**	**Prep Method:**	**EPA 3546**

QC1062812 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
alpha-BHC	42.55	ND	49.80	ug/Kg	85%		46-120	10	30	1
beta-BHC	46.90	1.944	49.80	ug/Kg	88%		41-120	11	30	1
gamma-BHC	42.12	ND	49.80	ug/Kg	85%		41-120	12	30	1
delta-BHC	18.10	ND	49.80	ug/Kg	36%	*	38-123	1	30	1
Heptachlor	44.60	ND	49.80	ug/Kg	90%		39-120	12	30	1
Aldrin	42.58	ND	49.80	ug/Kg	85%		34-120	13	30	1
Heptachlor epoxide	45.17	ND	49.80	ug/Kg	91%		43-120	11	30	1
Endosulfan I	45.78	ND	49.80	ug/Kg	92%		45-120	11	30	1
Dieldrin	43.54	ND	49.80	ug/Kg	87%		45-120	10	30	1
4,4'-DDE	46.76	ND	49.80	ug/Kg	94%		34-120	12	30	1
Endrin	46.33	ND	49.80	ug/Kg	93%		40-120	14	30	1
Endosulfan II	45.33	ND	49.80	ug/Kg	91%		41-120	12	30	1
Endosulfan sulfate	39.46	ND	49.80	ug/Kg	79%		42-120	9	30	1
4,4'-DDD	45.53	ND	49.80	ug/Kg	91%		41-120	11	30	1
Endrin aldehyde	36.91	ND	49.80	ug/Kg	71%		30-120	12	30	1
Endrin ketone	44.81	ND	49.80	ug/Kg	90%		45-120	10	30	1
4,4'-DDT	43.24	ND	49.80	ug/Kg	87%		35-127	13	30	1
Methoxychlor	49.72	ND	49.80	ug/Kg	100%		42-136	14	30	1
Surrogates										
TCMX	43.76		49.80	ug/Kg	88%		23-120			1
Decachlorobiphenyl	41.09		49.80	ug/Kg	83%		24-120			1

Type:	**Lab Control Sample**	**Lab ID:**	**QC1062813**	**Batch:**	**313059**
Matrix:	**Soil**	**Method:**	**EPA 8082**	**Prep Method:**	**EPA 3546**

QC1062813 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Aroclor-1016	453.0	498.5	ug/Kg	91%		14-150
Aroclor-1260	366.0	498.5	ug/Kg	73%		10-150
Surrogates						
Decachlorobiphenyl (PCB)	35.06	49.85	ug/Kg	70%		19-121

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Batch QC

Type:	**Matrix Spike**	**Lab ID:**	**QC1062814**	**Batch:**	**313059**
Matrix (Source ID):	**Soil (484308-001)**	**Method:**	**EPA 8082**	**Prep Method:**	**EPA 3546**

QC1062814 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Aroclor-1016	435.4	ND	494.1	ug/Kg	88%		42-127	0.99
Aroclor-1260	373.9	ND	494.1	ug/Kg	76%		38-130	0.99
Surrogates								
Decachlorobiphenyl (PCB)	36.99		49.41	ug/Kg	75%		19-121	0.99

Type:	**Matrix Spike Duplicate**	**Lab ID:**	**QC1062815**	**Batch:**	**313059**
Matrix (Source ID):	**Soil (484308-001)**	**Method:**	**EPA 8082**	**Prep Method:**	**EPA 3546**

QC1062815 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
Aroclor-1016	450.8	ND	490.7	ug/Kg	92%		42-127	4	30	0.98
Aroclor-1260	377.6	ND	490.7	ug/Kg	77%		38-130	2	30	0.98
Surrogates										
Decachlorobiphenyl (PCB)	35.84		49.07	ug/Kg	73%		19-121			0.98

Type:	**Lab Control Sample**	**Lab ID:**	**QC1063367**	**Batch:**	**313245**
Matrix:	**Soil**	**Method:**	**EPA 8260B**	**Prep Method:**	**EPA 5035**

QC1063367 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
1,1-Dichloroethene	53.35	50.00	ug/Kg	107%		70-131
MTBE	48.78	50.00	ug/Kg	98%		69-130
Benzene	50.85	50.00	ug/Kg	102%		70-130
Trichloroethene	50.28	50.00	ug/Kg	101%		70-130
Toluene	51.49	50.00	ug/Kg	103%		70-130
Chlorobenzene	53.61	50.00	ug/Kg	107%		70-130
Surrogates						
Dibromofluoromethane	49.73	50.00	ug/Kg	99%		70-130
1,2-Dichloroethane-d4	51.08	50.00	ug/Kg	102%		70-145
Toluene-d8	49.22	50.00	ug/Kg	98%		70-145
Bromofluorobenzene	49.37	50.00	ug/Kg	99%		70-145

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Batch QC

Type:	**Lab Control Sample Duplicate**	**Lab ID:**	**QC1063368**	**Batch:**	**313245**
Matrix:	**Soil**	**Method:**	**EPA 8260B**	**Prep Method:**	**EPA 5035**

QC1063368 Analyte	Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim
1,1-Dichloroethene	52.00	50.00	ug/Kg	104%		70-131	3	33
MTBE	48.51	50.00	ug/Kg	97%		69-130	1	30
Benzene	49.38	50.00	ug/Kg	99%		70-130	3	30
Trichloroethene	49.45	50.00	ug/Kg	99%		70-130	2	30
Toluene	49.70	50.00	ug/Kg	99%		70-130	4	30
Chlorobenzene	51.47	50.00	ug/Kg	103%		70-130	4	30
Surrogates								
Dibromofluoromethane	49.72	50.00	ug/Kg	99%		70-130		
1,2-Dichloroethane-d4	50.21	50.00	ug/Kg	100%		70-145		
Toluene-d8	49.31	50.00	ug/Kg	99%		70-145		
Bromofluorobenzene	48.46	50.00	ug/Kg	97%		70-145		

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Batch QC

Type:	**Blank**	**Lab ID:**	**QC1063372**	**Batch:**	**313245**
Matrix:	**Soil**	**Method:**	**EPA 8260B**	**Prep Method:**	**EPA 5035**

QC1063372 Analyte	Result	Qual	Units	RL	Prepared	Analyzed
Freon 12	ND		ug/Kg	5.0	05/04/23	05/04/23
Chloromethane	ND		ug/Kg	5.0	05/04/23	05/04/23
Vinyl Chloride	ND		ug/Kg	5.0	05/04/23	05/04/23
Bromomethane	ND		ug/Kg	5.0	05/04/23	05/04/23
Chloroethane	ND		ug/Kg	5.0	05/04/23	05/04/23
Trichlorofluoromethane	ND		ug/Kg	5.0	05/04/23	05/04/23
Acetone	ND		ug/Kg	100	05/04/23	05/04/23
Freon 113	ND		ug/Kg	5.0	05/04/23	05/04/23
1,1-Dichloroethene	ND		ug/Kg	5.0	05/04/23	05/04/23
Methylene Chloride	ND		ug/Kg	5.0	05/04/23	05/04/23
MTBE	ND		ug/Kg	5.0	05/04/23	05/04/23
trans-1,2-Dichloroethene	ND		ug/Kg	5.0	05/04/23	05/04/23
1,1-Dichloroethane	ND		ug/Kg	5.0	05/04/23	05/04/23
2-Butanone	ND		ug/Kg	100	05/04/23	05/04/23
cis-1,2-Dichloroethene	ND		ug/Kg	5.0	05/04/23	05/04/23
2,2-Dichloropropane	ND		ug/Kg	5.0	05/04/23	05/04/23
Chloroform	ND		ug/Kg	5.0	05/04/23	05/04/23
Bromochloromethane	ND		ug/Kg	5.0	05/04/23	05/04/23
1,1,1-Trichloroethane	ND		ug/Kg	5.0	05/04/23	05/04/23
1,1-Dichloropropene	ND		ug/Kg	5.0	05/04/23	05/04/23
Carbon Tetrachloride	ND		ug/Kg	5.0	05/04/23	05/04/23
1,2-Dichloroethane	ND		ug/Kg	5.0	05/04/23	05/04/23
Benzene	ND		ug/Kg	5.0	05/04/23	05/04/23
Trichloroethene	ND		ug/Kg	5.0	05/04/23	05/04/23
1,2-Dichloropropane	ND		ug/Kg	5.0	05/04/23	05/04/23
Bromodichloromethane	ND		ug/Kg	5.0	05/04/23	05/04/23
Dibromomethane	ND		ug/Kg	5.0	05/04/23	05/04/23
4-Methyl-2-Pentanone	ND		ug/Kg	5.0	05/04/23	05/04/23
cis-1,3-Dichloropropene	ND		ug/Kg	5.0	05/04/23	05/04/23
Toluene	ND		ug/Kg	5.0	05/04/23	05/04/23
trans-1,3-Dichloropropene	ND		ug/Kg	5.0	05/04/23	05/04/23
1,1,2-Trichloroethane	ND		ug/Kg	5.0	05/04/23	05/04/23
1,3-Dichloropropane	ND		ug/Kg	5.0	05/04/23	05/04/23
Tetrachloroethene	ND		ug/Kg	5.0	05/04/23	05/04/23
Dibromochloromethane	ND		ug/Kg	5.0	05/04/23	05/04/23
1,2-Dibromoethane	ND		ug/Kg	5.0	05/04/23	05/04/23
Chlorobenzene	ND		ug/Kg	5.0	05/04/23	05/04/23
1,1,1,2-Tetrachloroethane	ND		ug/Kg	5.0	05/04/23	05/04/23
Ethylbenzene	ND		ug/Kg	5.0	05/04/23	05/04/23
m,p-Xylenes	ND		ug/Kg	10	05/04/23	05/04/23
o-Xylene	ND		ug/Kg	5.0	05/04/23	05/04/23
Styrene	ND		ug/Kg	5.0	05/04/23	05/04/23

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Batch QC

QC1063372 Analyte	Result	Qual	Units	RL	Prepared	Analyzed
Bromoform	ND		ug/Kg	5.0	05/04/23	05/04/23
Isopropylbenzene	ND		ug/Kg	5.0	05/04/23	05/04/23
1,1,2,2-Tetrachloroethane	ND		ug/Kg	5.0	05/04/23	05/04/23
1,2,3-Trichloropropane	ND		ug/Kg	5.0	05/04/23	05/04/23
Propylbenzene	ND		ug/Kg	5.0	05/04/23	05/04/23
Bromobenzene	ND		ug/Kg	5.0	05/04/23	05/04/23
1,3,5-Trimethylbenzene	ND		ug/Kg	5.0	05/04/23	05/04/23
2-Chlorotoluene	ND		ug/Kg	5.0	05/04/23	05/04/23
4-Chlorotoluene	ND		ug/Kg	5.0	05/04/23	05/04/23
tert-Butylbenzene	ND		ug/Kg	5.0	05/04/23	05/04/23
1,2,4-Trimethylbenzene	ND		ug/Kg	5.0	05/04/23	05/04/23
sec-Butylbenzene	ND		ug/Kg	5.0	05/04/23	05/04/23
para-Isopropyl Toluene	ND		ug/Kg	5.0	05/04/23	05/04/23
1,3-Dichlorobenzene	ND		ug/Kg	5.0	05/04/23	05/04/23
1,4-Dichlorobenzene	ND		ug/Kg	5.0	05/04/23	05/04/23
n-Butylbenzene	ND		ug/Kg	5.0	05/04/23	05/04/23
1,2-Dichlorobenzene	ND		ug/Kg	5.0	05/04/23	05/04/23
1,2-Dibromo-3-Chloropropane	ND		ug/Kg	5.0	05/04/23	05/04/23
1,2,4-Trichlorobenzene	ND		ug/Kg	5.0	05/04/23	05/04/23
Hexachlorobutadiene	ND		ug/Kg	5.0	05/04/23	05/04/23
Naphthalene	ND		ug/Kg	5.0	05/04/23	05/04/23
1,2,3-Trichlorobenzene	ND		ug/Kg	5.0	05/04/23	05/04/23
Surrogates				**Limits**		
Dibromofluoromethane	98%		%REC	70-130	05/04/23	05/04/23
1,2-Dichloroethane-d4	94%		%REC	70-145	05/04/23	05/04/23
Toluene-d8	98%		%REC	70-145	05/04/23	05/04/23
Bromofluorobenzene	100%		%REC	70-145	05/04/23	05/04/23

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Batch QC

Type:	**Blank**	**Lab ID:**	**QC1063310**	**Batch:**	**313221**
Matrix:	**Soil**	**Method:**	**EPA 8270C**	**Prep Method:**	**EPA 3546**

QC1063310 Analyte	Result	Qual	Units	RL	Prepared	Analyzed
Carbazole	ND		ug/Kg	250	05/04/23	05/05/23
1-Methylnaphthalene	ND		ug/Kg	250	05/04/23	05/05/23
Pyridine	ND		ug/Kg	250	05/04/23	05/05/23
N-Nitrosodimethylamine	ND		ug/Kg	250	05/04/23	05/05/23
Phenol	ND		ug/Kg	250	05/04/23	05/05/23
Aniline	ND		ug/Kg	250	05/04/23	05/05/23
bis(2-Chloroethyl)ether	ND		ug/Kg	1,200	05/04/23	05/05/23
2-Chlorophenol	ND		ug/Kg	250	05/04/23	05/05/23
1,3-Dichlorobenzene	ND		ug/Kg	250	05/04/23	05/05/23
1,4-Dichlorobenzene	ND		ug/Kg	250	05/04/23	05/05/23
Benzyl alcohol	ND		ug/Kg	250	05/04/23	05/05/23
1,2-Dichlorobenzene	ND		ug/Kg	250	05/04/23	05/05/23
2-Methylphenol	ND		ug/Kg	250	05/04/23	05/05/23
bis(2-Chloroisopropyl) ether	ND		ug/Kg	250	05/04/23	05/05/23
3-,4-Methylphenol	ND		ug/Kg	400	05/04/23	05/05/23
N-Nitroso-di-n-propylamine	ND		ug/Kg	250	05/04/23	05/05/23
Hexachloroethane	ND		ug/Kg	250	05/04/23	05/05/23
Nitrobenzene	ND		ug/Kg	1,200	05/04/23	05/05/23
Isophorone	ND		ug/Kg	250	05/04/23	05/05/23
2-Nitrophenol	ND		ug/Kg	250	05/04/23	05/05/23
2,4-Dimethylphenol	ND		ug/Kg	250	05/04/23	05/05/23
Benzoic acid	ND		ug/Kg	1,200	05/04/23	05/05/23
bis(2-Chloroethoxy)methane	ND		ug/Kg	250	05/04/23	05/05/23
2,4-Dichlorophenol	ND		ug/Kg	250	05/04/23	05/05/23
1,2,4-Trichlorobenzene	ND		ug/Kg	250	05/04/23	05/05/23
Naphthalene	ND		ug/Kg	250	05/04/23	05/05/23
4-Chloroaniline	ND		ug/Kg	250	05/04/23	05/05/23
Hexachlorobutadiene	ND		ug/Kg	250	05/04/23	05/05/23
4-Chloro-3-methylphenol	ND		ug/Kg	250	05/04/23	05/05/23
2-Methylnaphthalene	ND		ug/Kg	250	05/04/23	05/05/23
Hexachlorocyclopentadiene	ND		ug/Kg	1,200	05/04/23	05/05/23
2,4,6-Trichlorophenol	ND		ug/Kg	250	05/04/23	05/05/23
2,4,5-Trichlorophenol	ND		ug/Kg	250	05/04/23	05/05/23
2-Chloronaphthalene	ND		ug/Kg	250	05/04/23	05/05/23
2-Nitroaniline	ND		ug/Kg	250	05/04/23	05/05/23
Dimethylphthalate	ND		ug/Kg	250	05/04/23	05/05/23
Acenaphthylene	ND		ug/Kg	250	05/04/23	05/05/23
2,6-Dinitrotoluene	ND		ug/Kg	250	05/04/23	05/05/23
3-Nitroaniline	ND		ug/Kg	250	05/04/23	05/05/23
Acenaphthene	ND		ug/Kg	250	05/04/23	05/05/23
2,4-Dinitrophenol	ND		ug/Kg	1,200	05/04/23	05/05/23
4-Nitrophenol	ND		ug/Kg	250	05/04/23	05/05/23

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Batch QC

QC1063310 Analyte	Result	Qual	Units	RL	Prepared	Analyzed
Dibenzofuran	ND		ug/Kg	250	05/04/23	05/05/23
2,4-Dinitrotoluene	ND		ug/Kg	250	05/04/23	05/05/23
Diethylphthalate	ND		ug/Kg	250	05/04/23	05/05/23
Fluorene	ND		ug/Kg	250	05/04/23	05/05/23
4-Chlorophenyl-phenylether	ND		ug/Kg	250	05/04/23	05/05/23
4-Nitroaniline	ND		ug/Kg	250	05/04/23	05/05/23
4,6-Dinitro-2-methylphenol	ND		ug/Kg	250	05/04/23	05/05/23
N-Nitrosodiphenylamine	ND		ug/Kg	250	05/04/23	05/05/23
1,2-diphenylhydrazine (as azobenzene)	ND		ug/Kg	250	05/04/23	05/05/23
4-Bromophenyl-phenylether	ND		ug/Kg	250	05/04/23	05/05/23
Hexachlorobenzene	ND		ug/Kg	250	05/04/23	05/05/23
Pentachlorophenol	ND		ug/Kg	1,200	05/04/23	05/05/23
Phenanthrene	ND		ug/Kg	250	05/04/23	05/05/23
Anthracene	ND		ug/Kg	250	05/04/23	05/05/23
Di-n-butylphthalate	ND		ug/Kg	250	05/04/23	05/05/23
Fluoranthene	ND		ug/Kg	250	05/04/23	05/05/23
Benzidine	ND		ug/Kg	1,200	05/04/23	05/05/23
Pyrene	ND		ug/Kg	250	05/04/23	05/05/23
Butylbenzylphthalate	ND		ug/Kg	250	05/04/23	05/05/23
3,3'-Dichlorobenzidine	ND		ug/Kg	1,200	05/04/23	05/05/23
Benzo(a)anthracene	ND		ug/Kg	250	05/04/23	05/05/23
Chrysene	ND		ug/Kg	250	05/04/23	05/05/23
bis(2-Ethylhexyl)phthalate	ND		ug/Kg	250	05/04/23	05/05/23
Di-n-octylphthalate	ND		ug/Kg	250	05/04/23	05/05/23
Benzo(b)fluoranthene	ND		ug/Kg	250	05/04/23	05/05/23
Benzo(k)fluoranthene	ND		ug/Kg	250	05/04/23	05/05/23
Benzo(a)pyrene	ND		ug/Kg	250	05/04/23	05/05/23
Indeno(1,2,3-cd)pyrene	ND		ug/Kg	250	05/04/23	05/05/23
Dibenz(a,h)anthracene	ND		ug/Kg	250	05/04/23	05/05/23
Benzo(g,h,i)perylene	ND		ug/Kg	250	05/04/23	05/05/23
Surrogates				**Limits**		
2-Fluorophenol	73%		%REC	29-120	05/04/23	05/05/23
Phenol-d6	76%		%REC	30-120	05/04/23	05/05/23
2,4,6-Tribromophenol	85%		%REC	32-120	05/04/23	05/05/23
Nitrobenzene-d5	75%		%REC	33-120	05/04/23	05/05/23
2-Fluorobiphenyl	71%		%REC	39-120	05/04/23	05/05/23
Terphenyl-d14	96%		%REC	44-125	05/04/23	05/05/23

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Batch QC

Type: Lab Control Sample	**Lab ID: QC1063311**	**Batch: 313221**
Matrix: Soil	**Method: EPA 8270C**	**Prep Method: EPA 3546**

QC1063311 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Phenol	2,941	3718	ug/Kg	79%		42-120
2-Chlorophenol	2,885	3718	ug/Kg	78%		41-120
1,4-Dichlorobenzene	2,820	3718	ug/Kg	76%		36-120
3-,4-Methylphenol	3,097	3718	ug/Kg	83%		42-120
N-Nitroso-di-n-propylamine	2,840	3718	ug/Kg	76%		43-121
2,4-Dimethylphenol	2,807	3718	ug/Kg	75%		25-120
1,2,4-Trichlorobenzene	2,905	3718	ug/Kg	78%		38-120
4-Chloro-3-methylphenol	3,099	3718	ug/Kg	83%		40-125
2,4,5-Trichlorophenol	3,176	3718	ug/Kg	85%		40-124
Acenaphthene	2,866	3718	ug/Kg	77%		35-126
4-Nitrophenol	2,889	3718	ug/Kg	78%		24-128
2,4-Dinitrotoluene	3,238	3718	ug/Kg	87%		40-131
Pentachlorophenol	2,412	3718	ug/Kg	65%		35-120
Pyrene	3,062	3718	ug/Kg	82%		37-135
Chrysene	2,807	3718	ug/Kg	75%		38-132
Benzo(b)fluoranthene	2,922	3718	ug/Kg	79%		38-135
Surrogates						
2-Fluorophenol	1,647	1983	ug/Kg	83%		29-120
Phenol-d6	1,707	1983	ug/Kg	86%		30-120
2,4,6-Tribromophenol	1,977	1983	ug/Kg	100%		32-120
Nitrobenzene-d5	1,631	1983	ug/Kg	82%		33-120
2-Fluorobiphenyl	1,609	1983	ug/Kg	81%		39-120
Terphenyl-d14	1,759	1983	ug/Kg	89%		44-125

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Batch QC

Type:	**Matrix Spike**	**Lab ID:**	**QC1063312**	**Batch:**	**313221**
Matrix (Source ID):	**Soil (484369-008)**	**Method:**	**EPA 8270C**	**Prep Method:**	**EPA 3546**

QC1063312 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Phenol	3,376	ND	3728	ug/Kg	91%		37-120	0.99
2-Chlorophenol	3,427	ND	3728	ug/Kg	92%		33-120	0.99
1,4-Dichlorobenzene	3,201	ND	3728	ug/Kg	86%		32-120	0.99
3-,4-Methylphenol	3,609	ND	3728	ug/Kg	97%		37-120	0.99
N-Nitroso-di-n-propylamine	3,418	ND	3728	ug/Kg	92%		32-120	0.99
2,4-Dimethylphenol	3,374	ND	3728	ug/Kg	91%		32-120	0.99
1,2,4-Trichlorobenzene	3,458	ND	3728	ug/Kg	93%		33-120	0.99
4-Chloro-3-methylphenol	3,671	ND	3728	ug/Kg	98%		41-121	0.99
2,4,5-Trichlorophenol	3,724	ND	3728	ug/Kg	100%		40-120	0.99
Acenaphthene	3,536	172.6	3728	ug/Kg	90%		37-120	0.99
4-Nitrophenol	2,774	ND	3728	ug/Kg	74%		20-141	0.99
2,4-Dinitrotoluene	3,556	ND	3728	ug/Kg	95%		33-128	0.99
Pentachlorophenol	2,549	ND	3728	ug/Kg	68%		28-132	0.99
Pyrene	5,204	1754	3728	ug/Kg	93%		39-135	0.99
Chrysene	4,125	866.3	3728	ug/Kg	87%		37-135	0.99
Benzo(b)fluoranthene	4,122	652.6	3728	ug/Kg	93%		34-139	0.99
Surrogates								
2-Fluorophenol	1,889		1988	ug/Kg	95%		29-120	0.99
Phenol-d6	1,961		1988	ug/Kg	99%		30-120	0.99
2,4,6-Tribromophenol	2,268		1988	ug/Kg	114%		32-120	0.99
Nitrobenzene-d5	1,886		1988	ug/Kg	95%		33-120	0.99
2-Fluorobiphenyl	1,913		1988	ug/Kg	96%		39-120	0.99
Terphenyl-d14	2,017		1988	ug/Kg	101%		44-125	0.99

ENTHALPY ANALYTICAL

Batch QC

Type:	**Matrix Spike Duplicate**	**Lab ID:**	**QC1063313**	**Batch:**	**313221**
Matrix (Source ID):	**Soil (484369-008)**	**Method:**	**EPA 8270C**	**Prep Method:**	**EPA 3546**

QC1063313 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
Phenol	3,319	ND	3750	ug/Kg	89%		37-120	2	49	1
2-Chlorophenol	3,334	ND	3750	ug/Kg	89%		33-120	3	52	1
1,4-Dichlorobenzene	3,177	ND	3750	ug/Kg	85%		32-120	1	50	1
3-,4-Methylphenol	3,592	ND	3750	ug/Kg	96%		37-120	1	54	1
N-Nitroso-di-n-propylamine	3,303	ND	3750	ug/Kg	88%		32-120	4	50	1
2,4-Dimethylphenol	3,287	ND	3750	ug/Kg	88%		32-120	3	50	1
1,2,4-Trichlorobenzene	3,340	ND	3750	ug/Kg	89%		33-120	4	50	1
4-Chloro-3-methylphenol	3,568	ND	3750	ug/Kg	95%		41-121	3	43	1
2,4,5-Trichlorophenol	3,688	ND	3750	ug/Kg	98%		40-120	2	47	1
Acenaphthene	3,452	172.6	3750	ug/Kg	87%		37-120	3	48	1
4-Nitrophenol	2,867	ND	3750	ug/Kg	76%		20-141	3	30	1
2,4-Dinitrotoluene	3,546	ND	3750	ug/Kg	95%		33-128	1	50	1
Pentachlorophenol	2,549	ND	3750	ug/Kg	68%		28-132	1	30	1
Pyrene	5,404	1754	3750	ug/Kg	97%		39-135	3	41	1
Chrysene	4,019	866.3	3750	ug/Kg	84%		37-135	3	46	1
Benzo(b)fluoranthene	4,077	652.6	3750	ug/Kg	91%		34-139	2	47	1
Surrogates										
2-Fluorophenol	1,853		2000	ug/Kg	93%		29-120			1
Phenol-d6	1,946		2000	ug/Kg	97%		30-120			1
2,4,6-Tribromophenol	2,245		2000	ug/Kg	112%		32-120			1
Nitrobenzene-d5	1,845		2000	ug/Kg	92%		33-120			1
2-Fluorobiphenyl	1,841		2000	ug/Kg	92%		39-120			1
Terphenyl-d14	1,969		2000	ug/Kg	98%		44-125			1

ENTHALPY ANALYTICAL

Batch QC

Type:	**Blank**	**Lab ID:**	**QC1063314**	**Batch:**	**313222**
Matrix:	**Soil**	**Method:**	**EPA 8270C-SIM**	**Prep Method:**	**EPA 3546**

QC1063314 Analyte	Result	Qual	Units	RL	Prepared	Analyzed
1-Methylnaphthalene	ND		ug/Kg	10	05/04/23	05/05/23
2-Methylnaphthalene	ND		ug/Kg	10	05/04/23	05/05/23
Naphthalene	ND		ug/Kg	10	05/04/23	05/05/23
Acenaphthylene	ND		ug/Kg	10	05/04/23	05/05/23
Acenaphthene	ND		ug/Kg	10	05/04/23	05/05/23
Fluorene	ND		ug/Kg	10	05/04/23	05/05/23
Phenanthrene	ND		ug/Kg	10	05/04/23	05/05/23
Anthracene	ND		ug/Kg	10	05/04/23	05/05/23
Fluoranthene	ND		ug/Kg	10	05/04/23	05/05/23
Pyrene	ND		ug/Kg	10	05/04/23	05/05/23
Benzo(a)anthracene	ND		ug/Kg	10	05/04/23	05/05/23
Chrysene	ND		ug/Kg	10	05/04/23	05/05/23
Benzo(b)fluoranthene	ND		ug/Kg	10	05/04/23	05/05/23
Benzo(k)fluoranthene	ND		ug/Kg	10	05/04/23	05/05/23
Benzo(a)pyrene	ND		ug/Kg	10	05/04/23	05/05/23
Indeno(1,2,3-cd)pyrene	ND		ug/Kg	10	05/04/23	05/05/23
Dibenz(a,h)anthracene	ND		ug/Kg	10	05/04/23	05/05/23
Benzo(g,h,i)perylene	ND		ug/Kg	10	05/04/23	05/05/23
Surrogates				**Limits**		
Nitrobenzene-d5	74%		%REC	27-125	05/04/23	05/05/23
2-Fluorobiphenyl	71%		%REC	30-120	05/04/23	05/05/23
Terphenyl-d14	83%		%REC	33-155	05/04/23	05/05/23

ENTHALPY ANALYTICAL

Batch QC

Type:	**Lab Control Sample**	**Lab ID:**	**QC1063315**	**Batch:**	**313222**
Matrix:	**Soil**	**Method:**	**EPA 8270C-SIM**	**Prep Method:**	**EPA 3546**

QC1063315 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
1-Methylnaphthalene	146.9	199.8	ug/Kg	74%		28-130
2-Methylnaphthalene	151.5	199.8	ug/Kg	76%		33-130
Naphthalene	147.7	199.8	ug/Kg	74%		25-130
Acenaphthylene	152.1	199.8	ug/Kg	76%		28-130
Acenaphthene	152.6	199.8	ug/Kg	76%		32-130
Fluorene	154.8	199.8	ug/Kg	77%		35-130
Phenanthrene	156.6	199.8	ug/Kg	78%		35-132
Anthracene	161.4	199.8	ug/Kg	81%		34-136
Fluoranthene	156.3	199.8	ug/Kg	78%		34-139
Pyrene	156.6	199.8	ug/Kg	78%		35-134
Benzo(a)anthracene	162.3	199.8	ug/Kg	81%		30-132
Chrysene	169.9	199.8	ug/Kg	85%		29-130
Benzo(b)fluoranthene	174.2	199.8	ug/Kg	87%		32-137
Benzo(k)fluoranthene	176.1	199.8	ug/Kg	88%		32-130
Benzo(a)pyrene	175.3	199.8	ug/Kg	88%		10-138
Indeno(1,2,3-cd)pyrene	178.2	199.8	ug/Kg	89%		34-132
Dibenz(a,h)anthracene	180.7	199.8	ug/Kg	90%		32-130
Benzo(g,h,i)perylene	175.0	199.8	ug/Kg	88%		27-130
Surrogates						
Nitrobenzene-d5	150.5	199.8	ug/Kg	75%		27-125
2-Fluorobiphenyl	147.4	199.8	ug/Kg	74%		30-120
Terphenyl-d14	172.7	199.8	ug/Kg	86%		33-155

ENTHALPY ANALYTICAL

Batch QC

Type:	**Matrix Spike**	**Lab ID:**	**QC1063316**	**Batch:**	**313222**
Matrix (Source ID):	**Soil (484369-001)**	**Method:**	**EPA 8270C-SIM**	**Prep Method:**	**EPA 3546**

QC1063316 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
1-Methylnaphthalene	170.1	ND	198.0	ug/Kg	86%		25-130	25
2-Methylnaphthalene	162.8	ND	198.0	ug/Kg	82%		32-133	25
Naphthalene	174.7	ND	198.0	ug/Kg	88%		33-130	25
Acenaphthylene	171.7	ND	198.0	ug/Kg	87%		14-157	25
Acenaphthene	170.6	ND	198.0	ug/Kg	86%		28-134	25
Fluorene	169.2	ND	198.0	ug/Kg	85%		27-140	25
Phenanthrene	252.0	ND	198.0	ug/Kg	127%		29-147	25
Anthracene	185.6	ND	198.0	ug/Kg	94%		24-156	25
Fluoranthene	352.7	110.3	198.0	ug/Kg	122%		28-160	25
Pyrene	370.0	121.4	198.0	ug/Kg	126%		26-153	25
Benzo(a)anthracene	285.8	72.86	198.0	ug/Kg	108%		26-174	25
Chrysene	324.0	110.0	198.0	ug/Kg	108%		40-139	25
Benzo(b)fluoranthene	348.4	126.4	198.0	ug/Kg	112%		36-164	25
Benzo(k)fluoranthene	220.8	ND	198.0	ug/Kg	112%		36-161	25
Benzo(a)pyrene	320.3	105.4	198.0	ug/Kg	109%		18-173	25
Indeno(1,2,3-cd)pyrene	246.4	61.82	198.0	ug/Kg	93%		26-154	25
Dibenz(a,h)anthracene	172.2	ND	198.0	ug/Kg	87%		38-132	25
Benzo(g,h,i)perylene	283.0	98.89	198.0	ug/Kg	93%		36-130	25
Surrogates								
Nitrobenzene-d5	158.1		198.0	ug/Kg	80%		27-125	25
2-Fluorobiphenyl	161.4		198.0	ug/Kg	81%		30-120	25
Terphenyl-d14	165.7		198.0	ug/Kg	84%		33-155	25

ENTHALPY ANALYTICAL

Batch QC

Type:	**Matrix Spike Duplicate**	**Lab ID:**	**QC1063317**	**Batch:**	**313222**
Matrix (Source ID):	**Soil (484369-001)**	**Method:**	**EPA 8270C-SIM**	**Prep Method:**	**EPA 3546**

QC1063317 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
1-Methylnaphthalene	171.7	ND	199.4	ug/Kg	86%		25-130	0	35	25
2-Methylnaphthalene	169.5	ND	199.4	ug/Kg	85%		32-133	3	35	25
Naphthalene	167.1	ND	199.4	ug/Kg	84%		33-130	5	35	25
Acenaphthylene	164.9	ND	199.4	ug/Kg	83%		14-157	5	35	25
Acenaphthene	180.8	ND	199.4	ug/Kg	91%		28-134	5	35	25
Fluorene	178.6	ND	199.4	ug/Kg	90%		27-140	5	35	25
Phenanthrene	348.4	ND	199.4	ug/Kg	175%	*	29-147	31	35	25
Anthracene	210.8	ND	199.4	ug/Kg	106%		24-156	12	35	25
Fluoranthene	551.0	110.3	199.4	ug/Kg	221%	*	28-160	43*	35	25
Pyrene	550.9	121.4	199.4	ug/Kg	215%	*	26-153	39*	35	25
Benzo(a)anthracene	372.0	72.86	199.4	ug/Kg	150%		26-174	26	35	25
Chrysene	418.1	110.0	199.4	ug/Kg	155%	*	40-139	25	35	25
Benzo(b)fluoranthene	420.9	126.4	199.4	ug/Kg	148%		36-164	18	35	25
Benzo(k)fluoranthene	286.2	ND	199.4	ug/Kg	144%		36-161	25	35	25
Benzo(a)pyrene	398.6	105.4	199.4	ug/Kg	147%		18-173	21	35	25
Indeno(1,2,3-cd)pyrene	282.6	61.82	199.4	ug/Kg	111%		26-154	13	35	25
Dibenz(a,h)anthracene	175.1	ND	199.4	ug/Kg	88%		38-132	1	35	25
Benzo(g,h,i)perylene	315.2	98.89	199.4	ug/Kg	108%		36-130	10	35	25
Surrogates										
Nitrobenzene-d5	152.5		199.4	ug/Kg	76%		27-125			25
2-Fluorobiphenyl	155.1		199.4	ug/Kg	78%		30-120			25
Terphenyl-d14	167.6		199.4	ug/Kg	84%		33-155			25

* Value is outside QC limits

ND Not Detected

Laboratory Job Number 484369

Subcontracted Products

SGS Forensic

SGS FORENSIC LABORATORIES

Final Report

Bulk Asbestos Material Analysis

(Air Resources Board Method 435, June 6, 1991)

Enthalpy Analytical LLC
Sophia Baughman
2323 5th Street

Berkeley, CA 94710

Client ID: 1137
Report Number: N015456
Date Received: 05/03/23
Date Analyzed: 05/10/23
Date Printed: 05/10/23

Job ID/Site: PO-045267 - EO-484369

PLM Report Number: N/A

SGSFL Job ID: 1137
Total Samples Submitted: 4
Total Samples Analyzed: 4

Sample Preparation and Analysis:

Samples were analyzed by the Air Resources Board's Method 435, Determination of Asbestos Content of Serpentine Aggregate. Samples were ground to 200 particle size in the laboratory. Approximately 1 pint was retained for analysis. Samples were prepared for observation according to the guidelines of Exception I and Exception II as defined by the 435 Method. Samples which contained less than 10% asbestos were prepared for observation according to the point count technique as defined by the 435 Method. This analysis was performed with a standard cross-hair reticle.

Sample ID	Lab Number	Layer Description
F-12-4.0	12662026	**Grey Stones**

Visual Estimation Results:

Matrix percentage of entire sample 100
Visual estimation percentage: **None Detected**
Asbestos type(s) detected: None Detected

Comment: This result meets the requirements of Exception I as defined by the 435 Method.

Sample ID	Lab Number	Layer Description
F-12-15.0	12662027	**Grey Stones**

Visual Estimation Results:

Matrix percentage of entire sample 100
Visual estimation percentage: **None Detected**
Asbestos type(s) detected: None Detected

Comment: This result meets the requirements of Exception I as defined by the 435 Method.

Sample ID	Lab Number	Layer Description
F-13-5.0	12662028	**Grey Stones**

Visual Estimation Results:

Matrix percentage of entire sample 100
Visual estimation percentage: **None Detected**
Asbestos type(s) detected: None Detected

Comment: This result meets the requirements of Exception I as defined by the 435 Method.

Sample ID	Lab Number	Layer Description
F-13-15.0	12662029	**Grey Stones**

Visual Estimation Results:

Matrix percentage of entire sample 100
Visual estimation percentage: **None Detected**
Asbestos type(s) detected: None Detected

Comment: This result meets the requirements of Exception I as defined by the 435 Method.

3777 Depot Road, Suite 409, Hayward, CA 94545 | Phone: 510.887.8828 / 800.827.3274 Fax: 510.887.4218 | https://falaboratories.sgs.com

Bulk Asbestos Material Analysis

(Air Resources Board Method 435, June 6, 1991)

Enthalpy Analytical LLC
Sophia Baughman
2323 5th Street

Berkeley, CA 94710

Client ID: 1137
Report Number: N015456
Date Received: 05/03/23
Date Analyzed: 05/10/23
Date Printed: 05/10/23

Job ID/Site: PO-045267 - EO-484369

PLM Report Number: N/A

SGSFL Job ID: 1137
Total Samples Submitted: 4
Total Samples Analyzed: 4

Sample Preparation and Analysis:

Samples were analyzed by the Air Resources Board's Method 435, Determination of Asbestos Content of Serpentine Aggregate. Samples were ground to 200 particle size in the laboratory. Approximately 1 pint was retained for analysis. Samples were prepared for observation according to the guidelines of Exception I and Exception II as defined by the 435 Method. Samples which contained less than 10% asbestos were prepared for observation according to the point count technique as defined by the 435 Method. This analysis was performed with a standard cross-hair reticle.

Sample ID	Lab Number	Layer Description

Tad Thrower, Laboratory Supervisor, Hayward Laboratory

Note: Limit of Quantification (LOQ) = 0.25%. Trace denotes the presence of asbestos below the LOQ. ND = None Detected.

Analytical results and reports are generated by SGS Forensic Laboratories (SGSFL) at the request of and for the exclusive use of the person or entity (client) named on such report. Results, reports or copies of same will not be released by SGSFL to any third party without prior written request from client. This report applies only to the sample(s) tested. Supporting laboratory documentation is available upon request. This report must not be reproduced except in full, unless approved by SGSFL. The client is solely responsible for the use and interpretation of test results and reports requested from SGSFL. SGSFL is not able to assess the degree of hazard resulting from materials analyzed. SGS Forensic Laboratories reserves the right to dispose of all samples after a period of thirty (30) days, according to all state and federal guidelines, unless otherwise specified. All samples were received in acceptable condition unless otherwise noted.

Enthalpy Analytical
931 West Barkley Ave
Orange, CA 92868
(714) 771-6900

enthalpy.com

Lab Job Number:	484387
Report Level:	II
Report Date:	05/10/2023

Analytical Report *prepared for:*

Peter Sims
Farallon Consulting
330 Franklin Street
Suite 200
Oakland, CA 94612

Project: 1363-005-006 - Brisbane Quarry

Authorized for release by:

Sophia Baughman, Project Manager
sophia.baughman@enthalpy.com

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 above signature which applies to this PDF file as well as any associated electronic data deliverable files. The results contained in this report meet all requirements of NELAP and pertain only to those samples which were submitted for analysis. This report may be reproduced only in its entirety.

CA ELAP# 1338, NELAP# 4038, SCAQMD LAP# 18LA0518, LACSD ID# 10105

ENTHALPY ANALYTICAL

Sample Summary

Peter Sims
Farallon Consulting
330 Franklin Street
Suite 200
Oakland, CA 94612

Lab Job #:	484387
Project No:	1363-005-006
Location:	Brisbane Quarry
Date Received:	05/02/23

Sample ID	Lab ID	Collected	Matrix
F-15-1	484387-001	05/02/23 07:55	Soil
F-15-5	484387-002	05/02/23 08:12	Soil
F-15-10	484387-003	05/02/23 08:20	Soil
F-15-15	484387-004	05/02/23 08:25	Soil
F-15-20	484387-005	05/02/23 08:39	Soil
F-15-25	484387-006	05/02/23 08:55	Soil
F-15-30	484387-007	05/02/23 09:20	Soil
F-15-35	484387-008	05/02/23 09:35	Soil
F-15-40	484387-009	05/02/23 10:12	Soil
F-15-45	484387-010	05/02/23 10:30	Soil
F-15-50	484387-011	05/02/23 10:45	Soil
F-15-55	484387-012	05/02/23 11:00	Soil
F-15-60	484387-013	05/02/23 11:15	Soil

ENTHALPY ANALYTICAL

Case Narrative

Farallon Consulting 330 Franklin Street Suite 200 Oakland, CA 94612 Peter Sims	Lab Job Number: 484387 Project No: 1363-005-006 Location: Brisbane Quarry Date Received: 05/02/23

This data package contains sample and QC results for five soil samples, requested for the above referenced project on 05/02/23. The samples were received cold and intact.

TPH-Purgeables and/or BTXE by GC (EPA 8015B):
No analytical problems were encountered.

TPH-Extractables by GC (EPA 8015M):

- F-15-50 (lab # 484387-011) was diluted due to the dark color of the sample extract.
- No other analytical problems were encountered.

Volatile Organics by GC/MS (EPA 8260B):
No analytical problems were encountered.

Semivolatile Organics by GC/MS (EPA 8270C):

- Low surrogate recovery was observed for 2-fluorophenol in F-15-40 (lab # 484387-009).
- Low surrogate recovery was observed for 2,4,6-tribromophenol in F-15-40 (lab # 484387-009).
- No other analytical problems were encountered.

Pesticides (EPA 8081A):

- Low recoveries were observed for delta-BHC in the MS/MSD for batch 313059; the parent sample was not a project sample, the LCS was within limits, and the associated RPD was within limits.
- No other analytical problems were encountered.

PCBs (EPA 8082):
No analytical problems were encountered.

Metals (EPA 6010B and EPA 7471A):

- Low recoveries were observed for antimony in the MS/MSD for batch 313161; the parent sample was not a project sample, the LCS was within limits, and the associated RPD was within limits.
- No other analytical problems were encountered.

4B7207

ENTHALPY ANALYTICAL

Chain of Custody Record

Lab No: 484369 MY

Page: 1 of 2

Turn Around Time (rush by advanced notice only)

Standard: STANDARD	5 Day:	3 Day:
2 Day:	1 Day:	Custom TAT:

Enthalpy Analytical - Berkeley

2323 5th Street, Berkeley, CA 94710

Phone 510-486-0900

Matrix: A = Air S = Soil/Solid W = Water DW = Drinking Wate SD = Sediment PP = Pure Product SEA = Sea Water SW = Swab T = Tissue WP = Wipe O = Other

Preservatives: 1 = $Na_2S_2O_3$ 2 = HCl 3 = HNO_3 4 = H_2SO_4 5 = NaOH 6 = Other

Sample Receipt Temp: (lab use only)

CUSTOMER INFORMATION		PROJECT INFORMATION	
Company:	Farallon Consulting	Name:	Brisbane Quarry
Report To:	Peter Sims	Number:	1363-005-006
Email:	Psims@farallonconsulting.com	P.O. #:	
Address:	330 Franklin Street, Suite 200	Address:	1 Quarry Road
	Oakland, CA 94607		Brisbane, California 94005
Phone:	949-338-8317	Global ID:	
Fax:		Sampled By:	J DePriest/L. Mosqueda

	Sample ID	Sampling Date	Sampling Time	Matrix	Container No. / Size	Pres.	GRO by 8015M	DRO by 8015M	ORO by 8015M	VOCs by 8260B	SVOCs by 8270	PAHs by 8270	OCPs by 8081	PCBs by 8082	Title 22 Metals by 6010D/7471	Silica by 6010D	pH by 9045D	Asbestos by CARB 435	HOLD FOR ANALYSIS
1	F-15-1	5/2/23	0755	S	6/ 1 liter jar 4 VOA	Methanol (PSW)													X
2	F-15-5		0812		5/ 1 liter jar 4 VOA														X
3	F-15-10		0820		5/ 1 liter jar 4 VOA														X
4	F-15-15		0825		6/														X
5	F-15-20		0839		6/		X	X	X	X	X				X				
6	F-15-25		0855		6/														
7	F-15-30		0920		6/														
8	F-15-35		0935		5/														
9	F-15-40		1012		6/		X	X	X	X	X		X	X	X				
10	F-15-45	↓	1030	↓	6/	↓													X

	Signature	Print Name	Company / Title	Date / Time
1 Relinquished By:	Jackie DePriest	Jackie DePriest	Farallon Engineer	5/2/23 / 2:25 pm
1 Received By:	Audrey Hudson	AUDREY HUDSON	ENTHALPY	5/2/23 2:25 PM
2 Relinquished By:	Audrey Hudson	"	"	5/2/23 16:07
2 Received By:		Marcus Williams	BA	5/2/23 16:07
3 Relinquished By:		Marcus Williams	BA	5/2/23 17:26
3 Received By:		[illegible]	[illegible]	5/3/23 1001

ENTHALPY ANALYTICAL

Chain of Custody Record

Lab No: 484387

Page: 2 of 2

Turn Around Time (rush by advanced notice only)

Standard: (STANDARD)	3 Day:		3 Day:	
2 Day:		1 Day:		Custom TAT:	

Enthalpy Analytical - Berkeley

2323 5th Street, Berkeley, CA 94710

Phone 510-486-0900

Matrix: A = Air S = Soil/Solid W = Water DW = Drinking Wate SD = Sediment PP = Pure Product SEA = Sea Water SW = Swab T = Tissue WP = Wipe O = Other

Preservatives: 1 = $Na_2S_2O_3$ 2 = HCl 3 = HNO_3 4 = H_2SO_4 5 = NaOH 6 = Other

Sample Receipt Temp: (lab use only)

CUSTOMER INFORMATION		PROJECT INFORMATION	
Company:	Farallon Consulting	Name:	Brisbane Quarry
Report To:	Peter Sims	Number:	1363-005-006
Email:	Psims@farallonconsulting.com	P.O. #:	
Address:	330 Franklin Street, Suite 200	Address:	1 Quarry Road
	Oakland, CA 94607		Brisbane, California 94005
Phone:	949-338-8317	Global ID:	
Fax:		Sampled By:	J DePriest/L. Mosqueda

	Sample ID	Sampling Date	Sampling Time	Matrix	Container No. / Size	Pres.	GRO by 8015M	DRO by 8015M	ORO by 8015M	VOCs by 8260B	SVOCs by 8270	PAHs by 8270	OCPs by 8081	PCBs by 8082	Title 22 Metals by 6010D/7471	Silica by 6010D	pH by 9045D	Asbestos by CARB 435	HOLD FOR ANALYSIS	Test Instructions / Comments
1	F-15-50	5/2/23	1045	S	6/ 1602or 4VOA	methanol VOA													X	
2	F-15-55	5/2/23	1100	S	6/ ↓	↓													X	
3	F-15-60	5/2/23	1115	S	6/ ↓	↓	X	X	X	X	X	(8)			X					
4																				
5																				
6																				
7																				
8																				
9																				
10																				

	Signature	Print Name	Company / Title	Date / Time
1 Relinquished By:	Jacqueline DePriest	Jackie DePriest	Farallon Engineer	5/2/23 / 2:25 pm
1 Received By:	Audrey Hudson	Audrey Hudson	ENTHALPY	5/2/23 2:25 PM
2 Relinquished By:	Audrey Hudson			5/2/23 16:07
2 Received By:		Maxwell Yip		5/2/23 1607
3 Relinquished By:		Maxwell Yip		5/2/23 17:26
3 Received By:		Brown		5/3/23 1001

SAMPLE RECEIPT CHECKLIST

ENTHALPY

Section 1: Login # 484387 Client: Farallon

Date Received: 5/4/23 Project: _____

Section 2: Shipping info (if applicable) _____

Are custody seals present? ☑ No, or ☐ Yes. If yes, where? ☐ on cooler, ☐ on samples, ☐ on package

☐ Date: _____ How many _____ ☐ Signature, ☐ Initials, ☐ None

Were custody seals intact upon arrival? ☐ Yes ☐ No ☐ N/A

Samples received in a cooler? ☑ Yes, how many? 2 ☐ No **(skip Section 3 below)**

If no cooler Sample Temp (°C): _____ using IR Gun # ☐ B, or ☐ C

☑ Samples received on ice directly from the field. Cooling process had begun

If in cooler: Date Opened 5/4/23 By (print) MY (sign) _____

Section 3: ***Important*: Notify PM if temperature exceeds 6°C or arrive frozen.**

Packing in cooler: (if other, describe) _____

☐ Bubble Wrap, ☐ Foam blocks, ☑ Bags, ☐ None, ☐ Cloth material, ☐ Cardboard, ☐ Styrofoam, ☐ Paper towels

☑ Samples received on ice directly from the field. Cooling process had begun

Type of ice used : ☑ Wet, ☐ Blue/Gel, ☐ None Temperature blank(s) included? ☐ Yes, ☐ No

Temperature measured using ☐ Thermometer ID: _____, or IR Gun # ☐ B ☐ C

Cooler Temp (°C): #1: _____, #2: _____, #3: _____, #4: _____, #5: _____, #6: _____, #7: _____

Section 4:	YES	NO	N/A
Were custody papers dry, filled out properly, and the project identifiable	✓		
Were Method 5035 sampling containers present?	✓		
If YES, what time were they transferred to freezer? _____			
Did all bottles arrive unbroken/unopened?	✓		
Are there any missing / extra samples?		✓	
Are samples in the appropriate containers for indicated tests?	✓		
Are sample labels present, in good condition and complete?	✓		
Does the container count match the COC?	✓		
Do the sample labels agree with custody papers?	✓		
Was sufficient amount of sample sent for tests requested?	✓		
Did you change the hold time in LIMS for unpreserved VOAs?			✓
Did you change the hold time in LIMS for preserved terracores?			✓
Are bubbles > 6mm present in VOA samples?			✓
Was the client contacted concerning this sample delivery?		✓	
If YES, who was called? _____ By _____ Date: _____			

Section 5:	YES	NO	N/A
Are the samples appropriately preserved? (if N/A, skip the rest of section 5)			
Did you check preservatives for all bottles for each sample?			
Did you document your preservative check?			

pH strip lot# _____, pH strip lot# _____, pH strip lot# _____

Preservative added:

☐ H2SO4 lot# _____ added to samples _____ on/at _____

☐ HCL lot# _____ added to samples _____ on/at _____

☐ HNO3 lot# _____ added to samples _____ on/at _____

☐ NaOH lot# _____ added to samples _____ on/at _____

Section 6:

Explanations/Comments: _____

Date Logged in 5/4/23 **By (print)** MY **(sign)** _____

Date Labeled 5/4/23 **By (print)** MY **(sign)** _____

ENTHALPY ANALYTICAL

484387

SAMPLE ACCEPTANCE CHECKLIST

Section 1

Client: Farallon Consulting Project: Brisbane Quarry

Date Received: 05/03/23 Sampler's Name Present: ☑ Yes ☐ No

Section 2

Sample(s) received in a cooler? ☑ Yes, How many? 1 ☐ No (skip section 2) Sample Temp (°C) (No Cooler): _____

Sample Temp (°C), One from each cooler: #1: 4.4 #2: _____ #3: _____ #4: _____

(Acceptance range is < 6°C but not frozen (for Microbiology samples, acceptance range is < 10°C but not frozen). It is acceptable for samples collected the same day as sample receipt to have a higher temperature as long as there is evidence that cooling has begun.)

Shipping Information: Swithers

Section 3

Was the cooler packed with: ☑ Ice ☐ Ice Packs ☐ Bubble Wrap ☐ Styrofoam ☐ Paper ☐ None ☐ Other _____

Cooler Temp (°C): #1: 2.3 #2: _____ #3: _____ #4: _____

Section 4	YES	NO	N/A
Was a COC received?	✔		
Are sample IDs present?	✔		
Are sampling dates & times present?	✔		
Is a relinquished signature present?	✔		
Are the tests required clearly indicated on the COC?	✔		
Are custody seals present?	✔		
If custody seals are present, were they intact?	✔		
Are all samples sealed in plastic bags? (Recommended for Microbiology samples)			✔
Did all samples arrive intact? If no, indicate in Section 4 below.	✔		
Did all bottle labels agree with COC? (ID, dates and times)	✔		
Were the samples collected in the correct containers for the required tests?	✔		
Are the containers labeled with the correct preservatives?	✔		
Is there headspace in the VOA vials greater than 5-6 mm in diameter?			✔
Was a sufficient amount of sample submitted for the requested tests?	✔		

Section 5 Explanations/Comments

484387

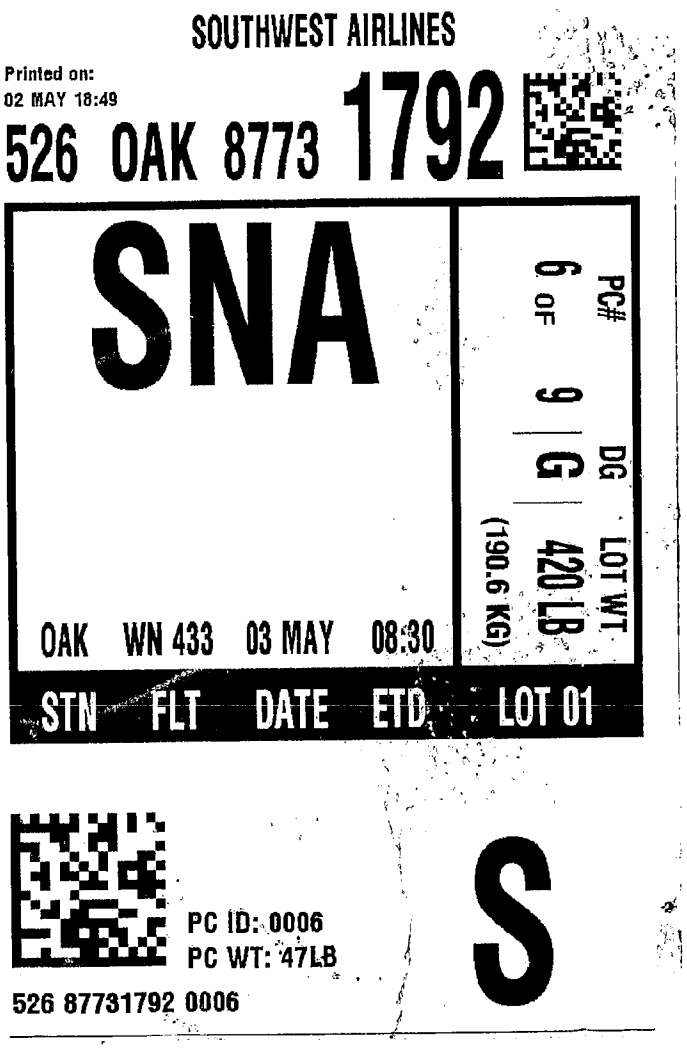
Section 6

For discrepancies, how was the Project Manager notified? ☐ Verbal PM Initials: _____ Date/Time _____

☐ Email (email sent to/on): _____ / _____

Project Manager's response:

Completed By: _____ Date: MAY 03 2023


SOUTHWEST AIRLINES
Printed on:
02 MAY 18:49
526 OAK 8773 1792
SNA
PC# 6 OF 9
DG G
LOT WT 420 LB (190.9 KG)
OAK WN 433 03 MAY 08:30
STN FLT DATE ETD LOT 01
PC ID: 0006
PC WT: 47LB
526 87731792 0006
S

TEMP

4.4 / 2.3

[EXTERNAL] RE: * Please Review & Confirm * 1363-005-006 - Enthalpy Login Summary (484387) External Inbox

Peter Sims <psims@farallonconsulting.com> 10:04 AM (1 hour ago)
to ClientServices.Berkeley@enthalpy.com, Scott, Sophia

Hi Enthalpy Team,

Since Sophia is out, please analyze sample F-15-50 for VOCs by EPA 8260B and TPHg/d/mo by EPA 8015M.

Thank you,

Peter D. Sims, PG (CA), LEED AP, Associate Geologist
Farallon Consulting | 330 Franklin Street, Suite 200 | Oakland, CA 94607
C: 949-338-8317

P

Peter Sims 2:10 PM (1 minute ago)

to me, ClientServices.Berkeley@enthalpy.com, Scott, Sophia

Please analyze sample F-15-1 for:

EPA 6010 CA Title 22 Metals
EPA 8015 TPH-Gasoline
EPA 8015M, Carbon Chain
EPA 8260 Volatile Organics [5035]
EPA 8270 Semi-Volatile Organics

Peter D. Sims, PG (CA), LEED AP, Associate Geologist
Farallon Consulting | 330 Franklin Street, Suite 200 | Oakland, CA 94607
C: 949-338-8317

FARALLON CONSULTING

ENTHALPY ANALYTICAL

Analysis Results for 484387

Peter Sims
Farallon Consulting
330 Franklin Street
Suite 200
Oakland, CA 94612

Lab Job #: 484387
Project No: 1363-005-006
Location: Brisbane Quarry
Date Received: 05/02/23

Sample ID: F-15-1 **Lab ID: 484387-001** **Collected: 05/02/23 07:55**
Matrix: Soil

484387-001 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 6010B Prep Method: EPA 3050B									
Antimony	ND		mg/Kg	2.9	0.97	313161	05/04/23	05/04/23	SBW
Arsenic	**4.4**		mg/Kg	0.97	0.97	313161	05/04/23	05/04/23	SBW
Barium	**65**		mg/Kg	0.97	0.97	313161	05/04/23	05/04/23	SBW
Beryllium	ND		mg/Kg	0.49	0.97	313161	05/04/23	05/04/23	SBW
Cadmium	ND		mg/Kg	0.49	0.97	313161	05/04/23	05/04/23	SBW
Chromium	**53**		mg/Kg	0.97	0.97	313161	05/04/23	05/04/23	SBW
Cobalt	**8.3**		mg/Kg	0.49	0.97	313161	05/04/23	05/04/23	SBW
Copper	**14**		mg/Kg	0.97	0.97	313161	05/04/23	05/04/23	SBW
Lead	**4.2**		mg/Kg	0.97	0.97	313161	05/04/23	05/04/23	SBW
Molybdenum	**1.5**		mg/Kg	0.97	0.97	313161	05/04/23	05/04/23	SBW
Nickel	**46**		mg/Kg	0.97	0.97	313161	05/04/23	05/04/23	SBW
Selenium	ND		mg/Kg	2.9	0.97	313161	05/04/23	05/04/23	SBW
Silver	ND		mg/Kg	0.49	0.97	313161	05/04/23	05/04/23	SBW
Thallium	ND		mg/Kg	2.9	0.97	313161	05/04/23	05/04/23	SBW
Vanadium	**48**		mg/Kg	0.97	0.97	313161	05/04/23	05/04/23	SBW
Zinc	**36**		mg/Kg	4.9	0.97	313161	05/04/23	05/04/23	SBW
Method: EPA 7471A Prep Method: METHOD									
Mercury	ND		mg/Kg	0.16	1.1	313232	05/04/23	05/08/23	KAM
Method: EPA 8015B Prep Method: EPA 5035									
TPH Gasoline	ND		mg/Kg	1.9	0.64	313395	05/08/23	05/08/23	SXR
Surrogates				**Limits**					
Bromofluorobenzene (FID)	72%		%REC	60-140	0.64	313395	05/08/23	05/08/23	SXR
Method: EPA 8015M Prep Method: EPA 3580M									
DRO C10-C28	ND		mg/Kg	10	1	313424	05/08/23	05/08/23	BJG
ORO C28-C44	ND		mg/Kg	20	1	313424	05/08/23	05/08/23	BJG
Surrogates				**Limits**					
n-Triacontane	102%		%REC	70-130	1	313424	05/08/23	05/08/23	BJG
Method: EPA 8260B Prep Method: EPA 5035									
Freon 12	ND		ug/Kg	3.1	0.63	313245	05/05/23	05/05/23	LYZ
Chloromethane	ND		ug/Kg	3.1	0.63	313245	05/05/23	05/05/23	LYZ

Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

Analysis Results for 484387

484387-001 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Vinyl Chloride	ND		ug/Kg	3.1	0.63	313245	05/05/23	05/05/23	LYZ
Bromomethane	ND		ug/Kg	3.1	0.63	313245	05/05/23	05/05/23	LYZ
Chloroethane	ND		ug/Kg	3.1	0.63	313245	05/05/23	05/05/23	LYZ
Trichlorofluoromethane	ND		ug/Kg	3.1	0.63	313245	05/05/23	05/05/23	LYZ
Acetone	ND		ug/Kg	63	0.63	313245	05/05/23	05/05/23	LYZ
Freon 113	ND		ug/Kg	3.1	0.63	313245	05/05/23	05/05/23	LYZ
1,1-Dichloroethene	ND		ug/Kg	3.1	0.63	313245	05/05/23	05/05/23	LYZ
Methylene Chloride	ND		ug/Kg	3.1	0.63	313245	05/05/23	05/05/23	LYZ
MTBE	ND		ug/Kg	3.1	0.63	313245	05/05/23	05/05/23	LYZ
trans-1,2-Dichloroethene	ND		ug/Kg	3.1	0.63	313245	05/05/23	05/05/23	LYZ
1,1-Dichloroethane	ND		ug/Kg	3.1	0.63	313245	05/05/23	05/05/23	LYZ
2-Butanone	ND		ug/Kg	63	0.63	313245	05/05/23	05/05/23	LYZ
cis-1,2-Dichloroethene	ND		ug/Kg	3.1	0.63	313245	05/05/23	05/05/23	LYZ
2,2-Dichloropropane	ND		ug/Kg	3.1	0.63	313245	05/05/23	05/05/23	LYZ
Chloroform	ND		ug/Kg	3.1	0.63	313245	05/05/23	05/05/23	LYZ
Bromochloromethane	ND		ug/Kg	3.1	0.63	313245	05/05/23	05/05/23	LYZ
1,1,1-Trichloroethane	ND		ug/Kg	3.1	0.63	313245	05/05/23	05/05/23	LYZ
1,1-Dichloropropene	ND		ug/Kg	3.1	0.63	313245	05/05/23	05/05/23	LYZ
Carbon Tetrachloride	ND		ug/Kg	3.1	0.63	313245	05/05/23	05/05/23	LYZ
1,2-Dichloroethane	ND		ug/Kg	3.1	0.63	313245	05/05/23	05/05/23	LYZ
Benzene	ND		ug/Kg	3.1	0.63	313245	05/05/23	05/05/23	LYZ
Trichloroethene	ND		ug/Kg	3.1	0.63	313245	05/05/23	05/05/23	LYZ
1,2-Dichloropropane	ND		ug/Kg	3.1	0.63	313245	05/05/23	05/05/23	LYZ
Bromodichloromethane	ND		ug/Kg	3.1	0.63	313245	05/05/23	05/05/23	LYZ
Dibromomethane	ND		ug/Kg	3.1	0.63	313245	05/05/23	05/05/23	LYZ
4-Methyl-2-Pentanone	ND		ug/Kg	3.1	0.63	313245	05/05/23	05/05/23	LYZ
cis-1,3-Dichloropropene	ND		ug/Kg	3.1	0.63	313245	05/05/23	05/05/23	LYZ
Toluene	ND		ug/Kg	3.1	0.63	313245	05/05/23	05/05/23	LYZ
trans-1,3-Dichloropropene	ND		ug/Kg	3.1	0.63	313245	05/05/23	05/05/23	LYZ
1,1,2-Trichloroethane	ND		ug/Kg	3.1	0.63	313245	05/05/23	05/05/23	LYZ
1,3-Dichloropropane	ND		ug/Kg	3.1	0.63	313245	05/05/23	05/05/23	LYZ
Tetrachloroethene	ND		ug/Kg	3.1	0.63	313245	05/05/23	05/05/23	LYZ
Dibromochloromethane	ND		ug/Kg	3.1	0.63	313245	05/05/23	05/05/23	LYZ
1,2-Dibromoethane	ND		ug/Kg	3.1	0.63	313245	05/05/23	05/05/23	LYZ
Chlorobenzene	ND		ug/Kg	3.1	0.63	313245	05/05/23	05/05/23	LYZ
1,1,1,2-Tetrachloroethane	ND		ug/Kg	3.1	0.63	313245	05/05/23	05/05/23	LYZ
Ethylbenzene	ND		ug/Kg	3.1	0.63	313245	05/05/23	05/05/23	LYZ
m,p-Xylenes	ND		ug/Kg	6.3	0.63	313245	05/05/23	05/05/23	LYZ
o-Xylene	ND		ug/Kg	3.1	0.63	313245	05/05/23	05/05/23	LYZ
Styrene	ND		ug/Kg	3.1	0.63	313245	05/05/23	05/05/23	LYZ
Bromoform	ND		ug/Kg	3.1	0.63	313245	05/05/23	05/05/23	LYZ
Isopropylbenzene	ND		ug/Kg	3.1	0.63	313245	05/05/23	05/05/23	LYZ
1,1,2,2-Tetrachloroethane	ND		ug/Kg	3.1	0.63	313245	05/05/23	05/05/23	LYZ
1,2,3-Trichloropropane	ND		ug/Kg	3.1	0.63	313245	05/05/23	05/05/23	LYZ
Propylbenzene	ND		ug/Kg	3.1	0.63	313245	05/05/23	05/05/23	LYZ
Bromobenzene	ND		ug/Kg	3.1	0.63	313245	05/05/23	05/05/23	LYZ

Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

Analysis Results for 484387

484387-001 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
1,3,5-Trimethylbenzene	ND		ug/Kg	3.1	0.63	313245	05/05/23	05/05/23	LYZ
2-Chlorotoluene	ND		ug/Kg	3.1	0.63	313245	05/05/23	05/05/23	LYZ
4-Chlorotoluene	ND		ug/Kg	3.1	0.63	313245	05/05/23	05/05/23	LYZ
tert-Butylbenzene	ND		ug/Kg	3.1	0.63	313245	05/05/23	05/05/23	LYZ
1,2,4-Trimethylbenzene	ND		ug/Kg	3.1	0.63	313245	05/05/23	05/05/23	LYZ
sec-Butylbenzene	ND		ug/Kg	3.1	0.63	313245	05/05/23	05/05/23	LYZ
para-Isopropyl Toluene	ND		ug/Kg	3.1	0.63	313245	05/05/23	05/05/23	LYZ
1,3-Dichlorobenzene	ND		ug/Kg	3.1	0.63	313245	05/05/23	05/05/23	LYZ
1,4-Dichlorobenzene	ND		ug/Kg	3.1	0.63	313245	05/05/23	05/05/23	LYZ
n-Butylbenzene	ND		ug/Kg	3.1	0.63	313245	05/05/23	05/05/23	LYZ
1,2-Dichlorobenzene	ND		ug/Kg	3.1	0.63	313245	05/05/23	05/05/23	LYZ
1,2-Dibromo-3-Chloropropane	ND		ug/Kg	3.1	0.63	313245	05/05/23	05/05/23	LYZ
1,2,4-Trichlorobenzene	ND		ug/Kg	3.1	0.63	313245	05/05/23	05/05/23	LYZ
Hexachlorobutadiene	ND		ug/Kg	3.1	0.63	313245	05/05/23	05/05/23	LYZ
Naphthalene	ND		ug/Kg	3.1	0.63	313245	05/05/23	05/05/23	LYZ
1,2,3-Trichlorobenzene	ND		ug/Kg	3.1	0.63	313245	05/05/23	05/05/23	LYZ
Surrogates				**Limits**					
Dibromofluoromethane	100%		%REC	70-145	0.63	313245	05/05/23	05/05/23	LYZ
1,2-Dichloroethane-d4	100%		%REC	70-145	0.63	313245	05/05/23	05/05/23	LYZ
Toluene-d8	97%		%REC	70-145	0.63	313245	05/05/23	05/05/23	LYZ
Bromofluorobenzene	101%		%REC	70-145	0.63	313245	05/05/23	05/05/23	LYZ
Method: EPA 8270C Prep Method: EPA 3546									
Carbazole	ND		ug/Kg	250	0.99	313221	05/04/23	05/05/23	VTN
1-Methylnaphthalene	ND		ug/Kg	250	0.99	313221	05/04/23	05/05/23	VTN
Pyridine	ND		ug/Kg	250	0.99	313221	05/04/23	05/05/23	VTN
N-Nitrosodimethylamine	ND		ug/Kg	250	0.99	313221	05/04/23	05/05/23	VTN
Phenol	ND		ug/Kg	250	0.99	313221	05/04/23	05/05/23	VTN
Aniline	ND		ug/Kg	250	0.99	313221	05/04/23	05/05/23	VTN
bis(2-Chloroethyl)ether	ND		ug/Kg	1,200	0.99	313221	05/04/23	05/05/23	VTN
2-Chlorophenol	ND		ug/Kg	250	0.99	313221	05/04/23	05/05/23	VTN
1,3-Dichlorobenzene	ND		ug/Kg	250	0.99	313221	05/04/23	05/05/23	VTN
1,4-Dichlorobenzene	ND		ug/Kg	250	0.99	313221	05/04/23	05/05/23	VTN
Benzyl alcohol	ND		ug/Kg	250	0.99	313221	05/04/23	05/05/23	VTN
1,2-Dichlorobenzene	ND		ug/Kg	250	0.99	313221	05/04/23	05/05/23	VTN
2-Methylphenol	ND		ug/Kg	250	0.99	313221	05/04/23	05/05/23	VTN
bis(2-Chloroisopropyl) ether	ND		ug/Kg	250	0.99	313221	05/04/23	05/05/23	VTN
3-,4-Methylphenol	ND		ug/Kg	400	0.99	313221	05/04/23	05/05/23	VTN
N-Nitroso-di-n-propylamine	ND		ug/Kg	250	0.99	313221	05/04/23	05/05/23	VTN
Hexachloroethane	ND		ug/Kg	250	0.99	313221	05/04/23	05/05/23	VTN
Nitrobenzene	ND		ug/Kg	1,200	0.99	313221	05/04/23	05/05/23	VTN
Isophorone	ND		ug/Kg	250	0.99	313221	05/04/23	05/05/23	VTN
2-Nitrophenol	ND		ug/Kg	250	0.99	313221	05/04/23	05/05/23	VTN
2,4-Dimethylphenol	ND		ug/Kg	250	0.99	313221	05/04/23	05/05/23	VTN
Benzoic acid	ND		ug/Kg	1,200	0.99	313221	05/04/23	05/05/23	VTN
bis(2-Chloroethoxy)methane	ND		ug/Kg	250	0.99	313221	05/04/23	05/05/23	VTN

Results for any subcontracted analyses are not included in this section.

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Analysis Results for 484387

484387-001 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
2,4-Dichlorophenol	ND		ug/Kg	250	0.99	313221	05/04/23	05/05/23	VTN
1,2,4-Trichlorobenzene	ND		ug/Kg	250	0.99	313221	05/04/23	05/05/23	VTN
Naphthalene	ND		ug/Kg	250	0.99	313221	05/04/23	05/05/23	VTN
4-Chloroaniline	ND		ug/Kg	250	0.99	313221	05/04/23	05/05/23	VTN
Hexachlorobutadiene	ND		ug/Kg	250	0.99	313221	05/04/23	05/05/23	VTN
4-Chloro-3-methylphenol	ND		ug/Kg	250	0.99	313221	05/04/23	05/05/23	VTN
2-Methylnaphthalene	ND		ug/Kg	250	0.99	313221	05/04/23	05/05/23	VTN
Hexachlorocyclopentadiene	ND		ug/Kg	1,200	0.99	313221	05/04/23	05/05/23	VTN
2,4,6-Trichlorophenol	ND		ug/Kg	250	0.99	313221	05/04/23	05/05/23	VTN
2,4,5-Trichlorophenol	ND		ug/Kg	250	0.99	313221	05/04/23	05/05/23	VTN
2-Chloronaphthalene	ND		ug/Kg	250	0.99	313221	05/04/23	05/05/23	VTN
2-Nitroaniline	ND		ug/Kg	250	0.99	313221	05/04/23	05/05/23	VTN
Dimethylphthalate	ND		ug/Kg	250	0.99	313221	05/04/23	05/05/23	VTN
Acenaphthylene	ND		ug/Kg	250	0.99	313221	05/04/23	05/05/23	VTN
2,6-Dinitrotoluene	ND		ug/Kg	250	0.99	313221	05/04/23	05/05/23	VTN
3-Nitroaniline	ND		ug/Kg	250	0.99	313221	05/04/23	05/05/23	VTN
Acenaphthene	ND		ug/Kg	250	0.99	313221	05/04/23	05/05/23	VTN
2,4-Dinitrophenol	ND		ug/Kg	1,200	0.99	313221	05/04/23	05/05/23	VTN
4-Nitrophenol	ND		ug/Kg	250	0.99	313221	05/04/23	05/05/23	VTN
Dibenzofuran	ND		ug/Kg	250	0.99	313221	05/04/23	05/05/23	VTN
2,4-Dinitrotoluene	ND		ug/Kg	250	0.99	313221	05/04/23	05/05/23	VTN
Diethylphthalate	ND		ug/Kg	250	0.99	313221	05/04/23	05/05/23	VTN
Fluorene	ND		ug/Kg	250	0.99	313221	05/04/23	05/05/23	VTN
4-Chlorophenyl-phenylether	ND		ug/Kg	250	0.99	313221	05/04/23	05/05/23	VTN
4-Nitroaniline	ND		ug/Kg	250	0.99	313221	05/04/23	05/05/23	VTN
4,6-Dinitro-2-methylphenol	ND		ug/Kg	250	0.99	313221	05/04/23	05/05/23	VTN
N-Nitrosodiphenylamine	ND		ug/Kg	250	0.99	313221	05/04/23	05/05/23	VTN
1,2-diphenylhydrazine (as azobenzene)	ND		ug/Kg	250	0.99	313221	05/04/23	05/05/23	VTN
4-Bromophenyl-phenylether	ND		ug/Kg	250	0.99	313221	05/04/23	05/05/23	VTN
Hexachlorobenzene	ND		ug/Kg	250	0.99	313221	05/04/23	05/05/23	VTN
Pentachlorophenol	ND		ug/Kg	1,200	0.99	313221	05/04/23	05/05/23	VTN
Phenanthrene	ND		ug/Kg	250	0.99	313221	05/04/23	05/05/23	VTN
Anthracene	ND		ug/Kg	250	0.99	313221	05/04/23	05/05/23	VTN
Di-n-butylphthalate	ND		ug/Kg	250	0.99	313221	05/04/23	05/05/23	VTN
Fluoranthene	ND		ug/Kg	250	0.99	313221	05/04/23	05/05/23	VTN
Benzidine	ND		ug/Kg	1,200	0.99	313221	05/04/23	05/05/23	VTN
Pyrene	ND		ug/Kg	250	0.99	313221	05/04/23	05/05/23	VTN
Butylbenzylphthalate	ND		ug/Kg	250	0.99	313221	05/04/23	05/05/23	VTN
3,3'-Dichlorobenzidine	ND		ug/Kg	1,200	0.99	313221	05/04/23	05/05/23	VTN
Benzo(a)anthracene	ND		ug/Kg	250	0.99	313221	05/04/23	05/05/23	VTN
Chrysene	ND		ug/Kg	250	0.99	313221	05/04/23	05/05/23	VTN
bis(2-Ethylhexyl)phthalate	ND		ug/Kg	250	0.99	313221	05/04/23	05/05/23	VTN
Di-n-octylphthalate	ND		ug/Kg	250	0.99	313221	05/04/23	05/05/23	VTN
Benzo(b)fluoranthene	ND		ug/Kg	250	0.99	313221	05/04/23	05/05/23	VTN
Benzo(k)fluoranthene	ND		ug/Kg	250	0.99	313221	05/04/23	05/05/23	VTN
Benzo(a)pyrene	ND		ug/Kg	250	0.99	313221	05/04/23	05/05/23	VTN

Results for any subcontracted analyses are not included in this section.

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Analysis Results for 484387

484387-001 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Indeno(1,2,3-cd)pyrene	ND		ug/Kg	250	0.99	313221	05/04/23	05/05/23	VTN
Dibenz(a,h)anthracene	ND		ug/Kg	250	0.99	313221	05/04/23	05/05/23	VTN
Benzo(g,h,i)perylene	ND		ug/Kg	250	0.99	313221	05/04/23	05/05/23	VTN
Surrogates				**Limits**					
2-Fluorophenol	92%		%REC	29-120	0.99	313221	05/04/23	05/05/23	VTN
Phenol-d6	94%		%REC	30-120	0.99	313221	05/04/23	05/05/23	VTN
2,4,6-Tribromophenol	114%		%REC	32-120	0.99	313221	05/04/23	05/05/23	VTN
Nitrobenzene-d5	91%		%REC	33-120	0.99	313221	05/04/23	05/05/23	VTN
2-Fluorobiphenyl	91%		%REC	39-120	0.99	313221	05/04/23	05/05/23	VTN
Terphenyl-d14	106%		%REC	44-125	0.99	313221	05/04/23	05/05/23	VTN

Results for any subcontracted analyses are not included in this section.

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Analysis Results for 484387

Sample ID: F-15-20	Lab ID: 484387-005	Collected: 05/02/23 08:39
	Matrix: Soil	

484387-005 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 6010B Prep Method: EPA 3050B									
Antimony	ND		mg/Kg	2.9	0.97	313161	05/04/23	05/04/23	SBW
Arsenic	**3.7**		mg/Kg	0.97	0.97	313161	05/04/23	05/04/23	SBW
Barium	**140**		mg/Kg	0.97	0.97	313161	05/04/23	05/04/23	SBW
Beryllium	ND		mg/Kg	0.49	0.97	313161	05/04/23	05/04/23	SBW
Cadmium	ND		mg/Kg	0.49	0.97	313161	05/04/23	05/04/23	SBW
Chromium	**37**		mg/Kg	0.97	0.97	313161	05/04/23	05/04/23	SBW
Cobalt	**7.9**		mg/Kg	0.49	0.97	313161	05/04/23	05/04/23	SBW
Copper	**15**		mg/Kg	0.97	0.97	313161	05/04/23	05/04/23	SBW
Lead	**5.7**		mg/Kg	0.97	0.97	313161	05/04/23	05/04/23	SBW
Molybdenum	**1.3**		mg/Kg	0.97	0.97	313161	05/04/23	05/04/23	SBW
Nickel	**34**		mg/Kg	0.97	0.97	313161	05/04/23	05/04/23	SBW
Selenium	ND		mg/Kg	2.9	0.97	313161	05/04/23	05/04/23	SBW
Silver	ND		mg/Kg	0.49	0.97	313161	05/04/23	05/04/23	SBW
Thallium	ND		mg/Kg	2.9	0.97	313161	05/04/23	05/04/23	SBW
Vanadium	**33**		mg/Kg	0.97	0.97	313161	05/04/23	05/04/23	SBW
Zinc	**41**		mg/Kg	4.9	0.97	313161	05/04/23	05/04/23	SBW
Method: EPA 7471A Prep Method: METHOD									
Mercury	ND		mg/Kg	0.15	1.1	313157	05/04/23	05/04/23	KAM
Method: EPA 8015B Prep Method: EPA 5035									
TPH Gasoline	ND		mg/Kg	1.8	0.62	313395	05/08/23	05/08/23	SXR
Surrogates				**Limits**					
Bromofluorobenzene (FID)	75%		%REC	60-140	0.62	313395	05/08/23	05/08/23	SXR
Method: EPA 8015M Prep Method: EPA 3580M									
DRO C10-C28	ND		mg/Kg	9.9	0.99	313424	05/08/23	05/08/23	BJG
ORO C28-C44	ND		mg/Kg	20	0.99	313424	05/08/23	05/08/23	BJG
Surrogates				**Limits**					
n-Triacontane	105%		%REC	70-130	0.99	313424	05/08/23	05/08/23	BJG
Method: EPA 8260B Prep Method: EPA 5035									
Freon 12	ND		ug/Kg	3.0	0.6	313245	05/05/23	05/05/23	LYZ
Chloromethane	ND		ug/Kg	3.0	0.6	313245	05/05/23	05/05/23	LYZ
Vinyl Chloride	ND		ug/Kg	3.0	0.6	313245	05/05/23	05/05/23	LYZ
Bromomethane	ND		ug/Kg	3.0	0.6	313245	05/05/23	05/05/23	LYZ
Chloroethane	ND		ug/Kg	3.0	0.6	313245	05/05/23	05/05/23	LYZ
Trichlorofluoromethane	ND		ug/Kg	3.0	0.6	313245	05/05/23	05/05/23	LYZ
Acetone	ND		ug/Kg	60	0.6	313245	05/05/23	05/05/23	LYZ
Freon 113	ND		ug/Kg	3.0	0.6	313245	05/05/23	05/05/23	LYZ

Results for any subcontracted analyses are not included in this section.

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Analysis Results for 484387

484387-005 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
1,1-Dichloroethene	ND		ug/Kg	3.0	0.6	313245	05/05/23	05/05/23	LYZ
Methylene Chloride	ND		ug/Kg	3.0	0.6	313245	05/05/23	05/05/23	LYZ
MTBE	ND		ug/Kg	3.0	0.6	313245	05/05/23	05/05/23	LYZ
trans-1,2-Dichloroethene	ND		ug/Kg	3.0	0.6	313245	05/05/23	05/05/23	LYZ
1,1-Dichloroethane	ND		ug/Kg	3.0	0.6	313245	05/05/23	05/05/23	LYZ
2-Butanone	ND		ug/Kg	60	0.6	313245	05/05/23	05/05/23	LYZ
cis-1,2-Dichloroethene	ND		ug/Kg	3.0	0.6	313245	05/05/23	05/05/23	LYZ
2,2-Dichloropropane	ND		ug/Kg	3.0	0.6	313245	05/05/23	05/05/23	LYZ
Chloroform	ND		ug/Kg	3.0	0.6	313245	05/05/23	05/05/23	LYZ
Bromochloromethane	ND		ug/Kg	3.0	0.6	313245	05/05/23	05/05/23	LYZ
1,1,1-Trichloroethane	ND		ug/Kg	3.0	0.6	313245	05/05/23	05/05/23	LYZ
1,1-Dichloropropene	ND		ug/Kg	3.0	0.6	313245	05/05/23	05/05/23	LYZ
Carbon Tetrachloride	ND		ug/Kg	3.0	0.6	313245	05/05/23	05/05/23	LYZ
1,2-Dichloroethane	ND		ug/Kg	3.0	0.6	313245	05/05/23	05/05/23	LYZ
Benzene	ND		ug/Kg	3.0	0.6	313245	05/05/23	05/05/23	LYZ
Trichloroethene	ND		ug/Kg	3.0	0.6	313245	05/05/23	05/05/23	LYZ
1,2-Dichloropropane	ND		ug/Kg	3.0	0.6	313245	05/05/23	05/05/23	LYZ
Bromodichloromethane	ND		ug/Kg	3.0	0.6	313245	05/05/23	05/05/23	LYZ
Dibromomethane	ND		ug/Kg	3.0	0.6	313245	05/05/23	05/05/23	LYZ
4-Methyl-2-Pentanone	ND		ug/Kg	3.0	0.6	313245	05/05/23	05/05/23	LYZ
cis-1,3-Dichloropropene	ND		ug/Kg	3.0	0.6	313245	05/05/23	05/05/23	LYZ
Toluene	ND		ug/Kg	3.0	0.6	313245	05/05/23	05/05/23	LYZ
trans-1,3-Dichloropropene	ND		ug/Kg	3.0	0.6	313245	05/05/23	05/05/23	LYZ
1,1,2-Trichloroethane	ND		ug/Kg	3.0	0.6	313245	05/05/23	05/05/23	LYZ
1,3-Dichloropropane	ND		ug/Kg	3.0	0.6	313245	05/05/23	05/05/23	LYZ
Tetrachloroethene	ND		ug/Kg	3.0	0.6	313245	05/05/23	05/05/23	LYZ
Dibromochloromethane	ND		ug/Kg	3.0	0.6	313245	05/05/23	05/05/23	LYZ
1,2-Dibromoethane	ND		ug/Kg	3.0	0.6	313245	05/05/23	05/05/23	LYZ
Chlorobenzene	ND		ug/Kg	3.0	0.6	313245	05/05/23	05/05/23	LYZ
1,1,1,2-Tetrachloroethane	ND		ug/Kg	3.0	0.6	313245	05/05/23	05/05/23	LYZ
Ethylbenzene	ND		ug/Kg	3.0	0.6	313245	05/05/23	05/05/23	LYZ
m,p-Xylenes	ND		ug/Kg	6.0	0.6	313245	05/05/23	05/05/23	LYZ
o-Xylene	ND		ug/Kg	3.0	0.6	313245	05/05/23	05/05/23	LYZ
Styrene	ND		ug/Kg	3.0	0.6	313245	05/05/23	05/05/23	LYZ
Bromoform	ND		ug/Kg	3.0	0.6	313245	05/05/23	05/05/23	LYZ
Isopropylbenzene	ND		ug/Kg	3.0	0.6	313245	05/05/23	05/05/23	LYZ
1,1,2,2-Tetrachloroethane	ND		ug/Kg	3.0	0.6	313245	05/05/23	05/05/23	LYZ
1,2,3-Trichloropropane	ND		ug/Kg	3.0	0.6	313245	05/05/23	05/05/23	LYZ
Propylbenzene	ND		ug/Kg	3.0	0.6	313245	05/05/23	05/05/23	LYZ
Bromobenzene	ND		ug/Kg	3.0	0.6	313245	05/05/23	05/05/23	LYZ
1,3,5-Trimethylbenzene	ND		ug/Kg	3.0	0.6	313245	05/05/23	05/05/23	LYZ
2-Chlorotoluene	ND		ug/Kg	3.0	0.6	313245	05/05/23	05/05/23	LYZ
4-Chlorotoluene	ND		ug/Kg	3.0	0.6	313245	05/05/23	05/05/23	LYZ
tert-Butylbenzene	ND		ug/Kg	3.0	0.6	313245	05/05/23	05/05/23	LYZ
1,2,4-Trimethylbenzene	ND		ug/Kg	3.0	0.6	313245	05/05/23	05/05/23	LYZ
sec-Butylbenzene	ND		ug/Kg	3.0	0.6	313245	05/05/23	05/05/23	LYZ

Results for any subcontracted analyses are not included in this section.

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Analysis Results for 484387

484387-005 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
para-Isopropyl Toluene	ND		ug/Kg	3.0	0.6	313245	05/05/23	05/05/23	LYZ
1,3-Dichlorobenzene	ND		ug/Kg	3.0	0.6	313245	05/05/23	05/05/23	LYZ
1,4-Dichlorobenzene	ND		ug/Kg	3.0	0.6	313245	05/05/23	05/05/23	LYZ
n-Butylbenzene	ND		ug/Kg	3.0	0.6	313245	05/05/23	05/05/23	LYZ
1,2-Dichlorobenzene	ND		ug/Kg	3.0	0.6	313245	05/05/23	05/05/23	LYZ
1,2-Dibromo-3-Chloropropane	ND		ug/Kg	3.0	0.6	313245	05/05/23	05/05/23	LYZ
1,2,4-Trichlorobenzene	ND		ug/Kg	3.0	0.6	313245	05/05/23	05/05/23	LYZ
Hexachlorobutadiene	ND		ug/Kg	3.0	0.6	313245	05/05/23	05/05/23	LYZ
Naphthalene	ND		ug/Kg	3.0	0.6	313245	05/05/23	05/05/23	LYZ
1,2,3-Trichlorobenzene	ND		ug/Kg	3.0	0.6	313245	05/05/23	05/05/23	LYZ
Surrogates				**Limits**					
Dibromofluoromethane	98%		%REC	70-145	0.6	313245	05/05/23	05/05/23	LYZ
1,2-Dichloroethane-d4	100%		%REC	70-145	0.6	313245	05/05/23	05/05/23	LYZ
Toluene-d8	99%		%REC	70-145	0.6	313245	05/05/23	05/05/23	LYZ
Bromofluorobenzene	102%		%REC	70-145	0.6	313245	05/05/23	05/05/23	LYZ
Method: EPA 8270C Prep Method: EPA 3546									
Carbazole	ND		ug/Kg	250	0.99	313221	05/04/23	05/05/23	VTN
1-Methylnaphthalene	ND		ug/Kg	250	0.99	313221	05/04/23	05/05/23	VTN
Pyridine	ND		ug/Kg	250	0.99	313221	05/04/23	05/05/23	VTN
N-Nitrosodimethylamine	ND		ug/Kg	250	0.99	313221	05/04/23	05/05/23	VTN
Phenol	ND		ug/Kg	250	0.99	313221	05/04/23	05/05/23	VTN
Aniline	ND		ug/Kg	250	0.99	313221	05/04/23	05/05/23	VTN
bis(2-Chloroethyl)ether	ND		ug/Kg	1,200	0.99	313221	05/04/23	05/05/23	VTN
2-Chlorophenol	ND		ug/Kg	250	0.99	313221	05/04/23	05/05/23	VTN
1,3-Dichlorobenzene	ND		ug/Kg	250	0.99	313221	05/04/23	05/05/23	VTN
1,4-Dichlorobenzene	ND		ug/Kg	250	0.99	313221	05/04/23	05/05/23	VTN
Benzyl alcohol	ND		ug/Kg	250	0.99	313221	05/04/23	05/05/23	VTN
1,2-Dichlorobenzene	ND		ug/Kg	250	0.99	313221	05/04/23	05/05/23	VTN
2-Methylphenol	ND		ug/Kg	250	0.99	313221	05/04/23	05/05/23	VTN
bis(2-Chloroisopropyl) ether	ND		ug/Kg	250	0.99	313221	05/04/23	05/05/23	VTN
3-,4-Methylphenol	ND		ug/Kg	400	0.99	313221	05/04/23	05/05/23	VTN
N-Nitroso-di-n-propylamine	ND		ug/Kg	250	0.99	313221	05/04/23	05/05/23	VTN
Hexachloroethane	ND		ug/Kg	250	0.99	313221	05/04/23	05/05/23	VTN
Nitrobenzene	ND		ug/Kg	1,200	0.99	313221	05/04/23	05/05/23	VTN
Isophorone	ND		ug/Kg	250	0.99	313221	05/04/23	05/05/23	VTN
2-Nitrophenol	ND		ug/Kg	250	0.99	313221	05/04/23	05/05/23	VTN
2,4-Dimethylphenol	ND		ug/Kg	250	0.99	313221	05/04/23	05/05/23	VTN
Benzoic acid	ND		ug/Kg	1,200	0.99	313221	05/04/23	05/05/23	VTN
bis(2-Chloroethoxy)methane	ND		ug/Kg	250	0.99	313221	05/04/23	05/05/23	VTN
2,4-Dichlorophenol	ND		ug/Kg	250	0.99	313221	05/04/23	05/05/23	VTN
1,2,4-Trichlorobenzene	ND		ug/Kg	250	0.99	313221	05/04/23	05/05/23	VTN
Naphthalene	ND		ug/Kg	250	0.99	313221	05/04/23	05/05/23	VTN
4-Chloroaniline	ND		ug/Kg	250	0.99	313221	05/04/23	05/05/23	VTN
Hexachlorobutadiene	ND		ug/Kg	250	0.99	313221	05/04/23	05/05/23	VTN
4-Chloro-3-methylphenol	ND		ug/Kg	250	0.99	313221	05/04/23	05/05/23	VTN

Results for any subcontracted analyses are not included in this section.

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Analysis Results for 484387

484387-005 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
2-Methylnaphthalene	ND		ug/Kg	250	0.99	313221	05/04/23	05/05/23	VTN
Hexachlorocyclopentadiene	ND		ug/Kg	1,200	0.99	313221	05/04/23	05/05/23	VTN
2,4,6-Trichlorophenol	ND		ug/Kg	250	0.99	313221	05/04/23	05/05/23	VTN
2,4,5-Trichlorophenol	ND		ug/Kg	250	0.99	313221	05/04/23	05/05/23	VTN
2-Chloronaphthalene	ND		ug/Kg	250	0.99	313221	05/04/23	05/05/23	VTN
2-Nitroaniline	ND		ug/Kg	250	0.99	313221	05/04/23	05/05/23	VTN
Dimethylphthalate	ND		ug/Kg	250	0.99	313221	05/04/23	05/05/23	VTN
Acenaphthylene	ND		ug/Kg	250	0.99	313221	05/04/23	05/05/23	VTN
2,6-Dinitrotoluene	ND		ug/Kg	250	0.99	313221	05/04/23	05/05/23	VTN
3-Nitroaniline	ND		ug/Kg	250	0.99	313221	05/04/23	05/05/23	VTN
Acenaphthene	ND		ug/Kg	250	0.99	313221	05/04/23	05/05/23	VTN
2,4-Dinitrophenol	ND		ug/Kg	1,200	0.99	313221	05/04/23	05/05/23	VTN
4-Nitrophenol	ND		ug/Kg	250	0.99	313221	05/04/23	05/05/23	VTN
Dibenzofuran	ND		ug/Kg	250	0.99	313221	05/04/23	05/05/23	VTN
2,4-Dinitrotoluene	ND		ug/Kg	250	0.99	313221	05/04/23	05/05/23	VTN
Diethylphthalate	ND		ug/Kg	250	0.99	313221	05/04/23	05/05/23	VTN
Fluorene	ND		ug/Kg	250	0.99	313221	05/04/23	05/05/23	VTN
4-Chlorophenyl-phenylether	ND		ug/Kg	250	0.99	313221	05/04/23	05/05/23	VTN
4-Nitroaniline	ND		ug/Kg	250	0.99	313221	05/04/23	05/05/23	VTN
4,6-Dinitro-2-methylphenol	ND		ug/Kg	250	0.99	313221	05/04/23	05/05/23	VTN
N-Nitrosodiphenylamine	ND		ug/Kg	250	0.99	313221	05/04/23	05/05/23	VTN
1,2-diphenylhydrazine (as azobenzene)	ND		ug/Kg	250	0.99	313221	05/04/23	05/05/23	VTN
4-Bromophenyl-phenylether	ND		ug/Kg	250	0.99	313221	05/04/23	05/05/23	VTN
Hexachlorobenzene	ND		ug/Kg	250	0.99	313221	05/04/23	05/05/23	VTN
Pentachlorophenol	ND		ug/Kg	1,200	0.99	313221	05/04/23	05/05/23	VTN
Phenanthrene	ND		ug/Kg	250	0.99	313221	05/04/23	05/05/23	VTN
Anthracene	ND		ug/Kg	250	0.99	313221	05/04/23	05/05/23	VTN
Di-n-butylphthalate	ND		ug/Kg	250	0.99	313221	05/04/23	05/05/23	VTN
Fluoranthene	ND		ug/Kg	250	0.99	313221	05/04/23	05/05/23	VTN
Benzidine	ND		ug/Kg	1,200	0.99	313221	05/04/23	05/05/23	VTN
Pyrene	ND		ug/Kg	250	0.99	313221	05/04/23	05/05/23	VTN
Butylbenzylphthalate	ND		ug/Kg	250	0.99	313221	05/04/23	05/05/23	VTN
3,3'-Dichlorobenzidine	ND		ug/Kg	1,200	0.99	313221	05/04/23	05/05/23	VTN
Benzo(a)anthracene	ND		ug/Kg	250	0.99	313221	05/04/23	05/05/23	VTN
Chrysene	ND		ug/Kg	250	0.99	313221	05/04/23	05/05/23	VTN
bis(2-Ethylhexyl)phthalate	ND		ug/Kg	250	0.99	313221	05/04/23	05/05/23	VTN
Di-n-octylphthalate	ND		ug/Kg	250	0.99	313221	05/04/23	05/05/23	VTN
Benzo(b)fluoranthene	ND		ug/Kg	250	0.99	313221	05/04/23	05/05/23	VTN
Benzo(k)fluoranthene	ND		ug/Kg	250	0.99	313221	05/04/23	05/05/23	VTN
Benzo(a)pyrene	ND		ug/Kg	250	0.99	313221	05/04/23	05/05/23	VTN
Indeno(1,2,3-cd)pyrene	ND		ug/Kg	250	0.99	313221	05/04/23	05/05/23	VTN
Dibenz(a,h)anthracene	ND		ug/Kg	250	0.99	313221	05/04/23	05/05/23	VTN
Benzo(g,h,i)perylene	ND		ug/Kg	250	0.99	313221	05/04/23	05/05/23	VTN
Surrogates				**Limits**					
2-Fluorophenol	69%		%REC	29-120	0.99	313221	05/04/23	05/05/23	VTN
Phenol-d6	83%		%REC	30-120	0.99	313221	05/04/23	05/05/23	VTN

Results for any subcontracted analyses are not included in this section.

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Analysis Results for 484387

484387-005 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
2,4,6-Tribromophenol	74%		%REC	32-120	0.99	313221	05/04/23	05/05/23	VTN
Nitrobenzene-d5	81%		%REC	33-120	0.99	313221	05/04/23	05/05/23	VTN
2-Fluorobiphenyl	78%		%REC	39-120	0.99	313221	05/04/23	05/05/23	VTN
Terphenyl-d14	101%		%REC	44-125	0.99	313221	05/04/23	05/05/23	VTN

Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

Analysis Results for 484387

Sample ID: F-15-40	Lab ID: 484387-009	Collected: 05/02/23 10:12
	Matrix: Soil	

484387-009 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 6010B Prep Method: EPA 3050B									
Antimony	ND		mg/Kg	2.9	0.98	313161	05/04/23	05/04/23	SBW
Arsenic	**4.8**		mg/Kg	0.98	0.98	313161	05/04/23	05/04/23	SBW
Barium	**83**		mg/Kg	0.98	0.98	313161	05/04/23	05/04/23	SBW
Beryllium	ND		mg/Kg	0.49	0.98	313161	05/04/23	05/04/23	SBW
Cadmium	ND		mg/Kg	0.49	0.98	313161	05/04/23	05/04/23	SBW
Chromium	**54**		mg/Kg	0.98	0.98	313161	05/04/23	05/04/23	SBW
Cobalt	**7.8**		mg/Kg	0.49	0.98	313161	05/04/23	05/04/23	SBW
Copper	**14**		mg/Kg	0.98	0.98	313161	05/04/23	05/04/23	SBW
Lead	**12**		mg/Kg	0.98	0.98	313161	05/04/23	05/04/23	SBW
Molybdenum	**2.4**		mg/Kg	0.98	0.98	313161	05/04/23	05/04/23	SBW
Nickel	**41**		mg/Kg	0.98	0.98	313161	05/04/23	05/04/23	SBW
Selenium	ND		mg/Kg	2.9	0.98	313161	05/04/23	05/04/23	SBW
Silver	ND		mg/Kg	0.49	0.98	313161	05/04/23	05/04/23	SBW
Thallium	ND		mg/Kg	2.9	0.98	313161	05/04/23	05/04/23	SBW
Vanadium	**52**		mg/Kg	0.98	0.98	313161	05/04/23	05/04/23	SBW
Zinc	**47**		mg/Kg	4.9	0.98	313161	05/04/23	05/04/23	SBW
Method: EPA 7471A Prep Method: METHOD									
Mercury	ND		mg/Kg	0.15	1.1	313157	05/04/23	05/08/23	KAM
Method: EPA 8015B Prep Method: EPA 5035									
TPH Gasoline	ND		mg/Kg	2.1	0.7	313395	05/08/23	05/08/23	SXR
Surrogates				**Limits**					
Bromofluorobenzene (FID)	77%		%REC	60-140	0.7	313395	05/08/23	05/08/23	SXR
Method: EPA 8015M Prep Method: EPA 3580M									
DRO C10-C28	**12**		mg/Kg	9.9	0.99	313424	05/08/23	05/08/23	BJG
ORO C28-C44	ND		mg/Kg	20	0.99	313424	05/08/23	05/08/23	BJG
Surrogates				**Limits**					
n-Triacontane	102%		%REC	70-130	0.99	313424	05/08/23	05/08/23	BJG
Method: EPA 8081A Prep Method: EPA 3546									
alpha-BHC	ND		ug/Kg	5.0	0.99	313059	05/04/23	05/04/23	MES
beta-BHC	ND		ug/Kg	5.0	0.99	313059	05/04/23	05/04/23	MES
gamma-BHC	ND		ug/Kg	5.0	0.99	313059	05/04/23	05/04/23	MES
delta-BHC	ND		ug/Kg	5.0	0.99	313059	05/04/23	05/04/23	MES
Heptachlor	ND		ug/Kg	5.0	0.99	313059	05/04/23	05/04/23	MES
Aldrin	ND		ug/Kg	5.0	0.99	313059	05/04/23	05/04/23	MES
Heptachlor epoxide	ND		ug/Kg	5.0	0.99	313059	05/04/23	05/04/23	MES
Endosulfan I	ND		ug/Kg	5.0	0.99	313059	05/04/23	05/04/23	MES

Results for any subcontracted analyses are not included in this section.

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Analysis Results for 484387

484387-009 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Dieldrin	ND		ug/Kg	5.0	0.99	313059	05/04/23	05/04/23	MES
4,4'-DDE	ND		ug/Kg	5.0	0.99	313059	05/04/23	05/04/23	MES
Endrin	ND		ug/Kg	5.0	0.99	313059	05/04/23	05/04/23	MES
Endosulfan II	ND		ug/Kg	5.0	0.99	313059	05/04/23	05/04/23	MES
Endosulfan sulfate	ND		ug/Kg	5.0	0.99	313059	05/04/23	05/04/23	MES
4,4'-DDD	ND		ug/Kg	5.0	0.99	313059	05/04/23	05/04/23	MES
Endrin aldehyde	ND		ug/Kg	5.0	0.99	313059	05/04/23	05/04/23	MES
Endrin ketone	ND		ug/Kg	5.0	0.99	313059	05/04/23	05/04/23	MES
4,4'-DDT	ND		ug/Kg	5.0	0.99	313059	05/04/23	05/04/23	MES
Methoxychlor	ND		ug/Kg	9.9	0.99	313059	05/04/23	05/04/23	MES
Toxaphene	ND		ug/Kg	99	0.99	313059	05/04/23	05/04/23	MES
Chlordane (Technical)	ND		ug/Kg	50	0.99	313059	05/04/23	05/04/23	MES
Surrogates				**Limits**					
TCMX	74%		%REC	23-120	0.99	313059	05/04/23	05/04/23	MES
Decachlorobiphenyl	80%		%REC	24-120	0.99	313059	05/04/23	05/04/23	MES
Method: EPA 8082 Prep Method: EPA 3546									
Aroclor-1016	ND		ug/Kg	50	0.99	313059	05/04/23	05/04/23	MES
Aroclor-1221	ND		ug/Kg	50	0.99	313059	05/04/23	05/04/23	MES
Aroclor-1232	ND		ug/Kg	50	0.99	313059	05/04/23	05/04/23	MES
Aroclor-1242	ND		ug/Kg	50	0.99	313059	05/04/23	05/04/23	MES
Aroclor-1248	ND		ug/Kg	50	0.99	313059	05/04/23	05/04/23	MES
Aroclor-1254	ND		ug/Kg	50	0.99	313059	05/04/23	05/04/23	MES
Aroclor-1260	ND		ug/Kg	50	0.99	313059	05/04/23	05/04/23	MES
Surrogates				**Limits**					
Decachlorobiphenyl (PCB)	77%		%REC	19-121	0.99	313059	05/04/23	05/04/23	MES
Method: EPA 8260B Prep Method: EPA 5035									
Freon 12	ND		ug/Kg	3.4	0.67	313245	05/05/23	05/05/23	LYZ
Chloromethane	ND		ug/Kg	3.4	0.67	313245	05/05/23	05/05/23	LYZ
Vinyl Chloride	ND		ug/Kg	3.4	0.67	313245	05/05/23	05/05/23	LYZ
Bromomethane	ND		ug/Kg	3.4	0.67	313245	05/05/23	05/05/23	LYZ
Chloroethane	ND		ug/Kg	3.4	0.67	313245	05/05/23	05/05/23	LYZ
Trichlorofluoromethane	ND		ug/Kg	3.4	0.67	313245	05/05/23	05/05/23	LYZ
Acetone	ND		ug/Kg	67	0.67	313245	05/05/23	05/05/23	LYZ
Freon 113	ND		ug/Kg	3.4	0.67	313245	05/05/23	05/05/23	LYZ
1,1-Dichloroethene	ND		ug/Kg	3.4	0.67	313245	05/05/23	05/05/23	LYZ
Methylene Chloride	ND		ug/Kg	3.4	0.67	313245	05/05/23	05/05/23	LYZ
MTBE	ND		ug/Kg	3.4	0.67	313245	05/05/23	05/05/23	LYZ
trans-1,2-Dichloroethene	ND		ug/Kg	3.4	0.67	313245	05/05/23	05/05/23	LYZ
1,1-Dichloroethane	ND		ug/Kg	3.4	0.67	313245	05/05/23	05/05/23	LYZ
2-Butanone	ND		ug/Kg	67	0.67	313245	05/05/23	05/05/23	LYZ
cis-1,2-Dichloroethene	ND		ug/Kg	3.4	0.67	313245	05/05/23	05/05/23	LYZ
2,2-Dichloropropane	ND		ug/Kg	3.4	0.67	313245	05/05/23	05/05/23	LYZ
Chloroform	ND		ug/Kg	3.4	0.67	313245	05/05/23	05/05/23	LYZ
Bromochloromethane	ND		ug/Kg	3.4	0.67	313245	05/05/23	05/05/23	LYZ

Results for any subcontracted analyses are not included in this section.

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Analysis Results for 484387

484387-009 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
1,1,1-Trichloroethane	ND		ug/Kg	3.4	0.67	313245	05/05/23	05/05/23	LYZ
1,1-Dichloropropene	ND		ug/Kg	3.4	0.67	313245	05/05/23	05/05/23	LYZ
Carbon Tetrachloride	ND		ug/Kg	3.4	0.67	313245	05/05/23	05/05/23	LYZ
1,2-Dichloroethane	ND		ug/Kg	3.4	0.67	313245	05/05/23	05/05/23	LYZ
Benzene	ND		ug/Kg	3.4	0.67	313245	05/05/23	05/05/23	LYZ
Trichloroethene	ND		ug/Kg	3.4	0.67	313245	05/05/23	05/05/23	LYZ
1,2-Dichloropropane	ND		ug/Kg	3.4	0.67	313245	05/05/23	05/05/23	LYZ
Bromodichloromethane	ND		ug/Kg	3.4	0.67	313245	05/05/23	05/05/23	LYZ
Dibromomethane	ND		ug/Kg	3.4	0.67	313245	05/05/23	05/05/23	LYZ
4-Methyl-2-Pentanone	ND		ug/Kg	3.4	0.67	313245	05/05/23	05/05/23	LYZ
cis-1,3-Dichloropropene	ND		ug/Kg	3.4	0.67	313245	05/05/23	05/05/23	LYZ
Toluene	ND		ug/Kg	3.4	0.67	313245	05/05/23	05/05/23	LYZ
trans-1,3-Dichloropropene	ND		ug/Kg	3.4	0.67	313245	05/05/23	05/05/23	LYZ
1,1,2-Trichloroethane	ND		ug/Kg	3.4	0.67	313245	05/05/23	05/05/23	LYZ
1,3-Dichloropropane	ND		ug/Kg	3.4	0.67	313245	05/05/23	05/05/23	LYZ
Tetrachloroethene	ND		ug/Kg	3.4	0.67	313245	05/05/23	05/05/23	LYZ
Dibromochloromethane	ND		ug/Kg	3.4	0.67	313245	05/05/23	05/05/23	LYZ
1,2-Dibromoethane	ND		ug/Kg	3.4	0.67	313245	05/05/23	05/05/23	LYZ
Chlorobenzene	ND		ug/Kg	3.4	0.67	313245	05/05/23	05/05/23	LYZ
1,1,1,2-Tetrachloroethane	ND		ug/Kg	3.4	0.67	313245	05/05/23	05/05/23	LYZ
Ethylbenzene	ND		ug/Kg	3.4	0.67	313245	05/05/23	05/05/23	LYZ
m,p-Xylenes	ND		ug/Kg	6.7	0.67	313245	05/05/23	05/05/23	LYZ
o-Xylene	ND		ug/Kg	3.4	0.67	313245	05/05/23	05/05/23	LYZ
Styrene	ND		ug/Kg	3.4	0.67	313245	05/05/23	05/05/23	LYZ
Bromoform	ND		ug/Kg	3.4	0.67	313245	05/05/23	05/05/23	LYZ
Isopropylbenzene	ND		ug/Kg	3.4	0.67	313245	05/05/23	05/05/23	LYZ
1,1,2,2-Tetrachloroethane	ND		ug/Kg	3.4	0.67	313245	05/05/23	05/05/23	LYZ
1,2,3-Trichloropropane	ND		ug/Kg	3.4	0.67	313245	05/05/23	05/05/23	LYZ
Propylbenzene	ND		ug/Kg	3.4	0.67	313245	05/05/23	05/05/23	LYZ
Bromobenzene	ND		ug/Kg	3.4	0.67	313245	05/05/23	05/05/23	LYZ
1,3,5-Trimethylbenzene	ND		ug/Kg	3.4	0.67	313245	05/05/23	05/05/23	LYZ
2-Chlorotoluene	ND		ug/Kg	3.4	0.67	313245	05/05/23	05/05/23	LYZ
4-Chlorotoluene	ND		ug/Kg	3.4	0.67	313245	05/05/23	05/05/23	LYZ
tert-Butylbenzene	ND		ug/Kg	3.4	0.67	313245	05/05/23	05/05/23	LYZ
1,2,4-Trimethylbenzene	ND		ug/Kg	3.4	0.67	313245	05/05/23	05/05/23	LYZ
sec-Butylbenzene	ND		ug/Kg	3.4	0.67	313245	05/05/23	05/05/23	LYZ
para-Isopropyl Toluene	ND		ug/Kg	3.4	0.67	313245	05/05/23	05/05/23	LYZ
1,3-Dichlorobenzene	ND		ug/Kg	3.4	0.67	313245	05/05/23	05/05/23	LYZ
1,4-Dichlorobenzene	ND		ug/Kg	3.4	0.67	313245	05/05/23	05/05/23	LYZ
n-Butylbenzene	ND		ug/Kg	3.4	0.67	313245	05/05/23	05/05/23	LYZ
1,2-Dichlorobenzene	ND		ug/Kg	3.4	0.67	313245	05/05/23	05/05/23	LYZ
1,2-Dibromo-3-Chloropropane	ND		ug/Kg	3.4	0.67	313245	05/05/23	05/05/23	LYZ
1,2,4-Trichlorobenzene	ND		ug/Kg	3.4	0.67	313245	05/05/23	05/05/23	LYZ
Hexachlorobutadiene	ND		ug/Kg	3.4	0.67	313245	05/05/23	05/05/23	LYZ
Naphthalene	ND		ug/Kg	3.4	0.67	313245	05/05/23	05/05/23	LYZ
1,2,3-Trichlorobenzene	ND		ug/Kg	3.4	0.67	313245	05/05/23	05/05/23	LYZ

Results for any subcontracted analyses are not included in this section.

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Analysis Results for 484387

484387-009 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Surrogates				**Limits**					
Dibromofluoromethane	96%		%REC	70-145	0.67	313245	05/05/23	05/05/23	LYZ
1,2-Dichloroethane-d4	102%		%REC	70-145	0.67	313245	05/05/23	05/05/23	LYZ
Toluene-d8	98%		%REC	70-145	0.67	313245	05/05/23	05/05/23	LYZ
Bromofluorobenzene	101%		%REC	70-145	0.67	313245	05/05/23	05/05/23	LYZ
Method: EPA 8270C Prep Method: EPA 3546									
Carbazole	ND		ug/Kg	250	1	313221	05/04/23	05/05/23	VTN
1-Methylnaphthalene	ND		ug/Kg	250	1	313221	05/04/23	05/05/23	VTN
Pyridine	ND		ug/Kg	250	1	313221	05/04/23	05/05/23	VTN
N-Nitrosodimethylamine	ND		ug/Kg	250	1	313221	05/04/23	05/05/23	VTN
Phenol	ND		ug/Kg	250	1	313221	05/04/23	05/05/23	VTN
Aniline	ND		ug/Kg	250	1	313221	05/04/23	05/05/23	VTN
bis(2-Chloroethyl)ether	ND		ug/Kg	1,200	1	313221	05/04/23	05/05/23	VTN
2-Chlorophenol	ND		ug/Kg	250	1	313221	05/04/23	05/05/23	VTN
1,3-Dichlorobenzene	ND		ug/Kg	250	1	313221	05/04/23	05/05/23	VTN
1,4-Dichlorobenzene	ND		ug/Kg	250	1	313221	05/04/23	05/05/23	VTN
Benzyl alcohol	ND		ug/Kg	250	1	313221	05/04/23	05/05/23	VTN
1,2-Dichlorobenzene	ND		ug/Kg	250	1	313221	05/04/23	05/05/23	VTN
2-Methylphenol	ND		ug/Kg	250	1	313221	05/04/23	05/05/23	VTN
bis(2-Chloroisopropyl) ether	ND		ug/Kg	250	1	313221	05/04/23	05/05/23	VTN
3-,4-Methylphenol	ND		ug/Kg	400	1	313221	05/04/23	05/05/23	VTN
N-Nitroso-di-n-propylamine	ND		ug/Kg	250	1	313221	05/04/23	05/05/23	VTN
Hexachloroethane	ND		ug/Kg	250	1	313221	05/04/23	05/05/23	VTN
Nitrobenzene	ND		ug/Kg	1,200	1	313221	05/04/23	05/05/23	VTN
Isophorone	ND		ug/Kg	250	1	313221	05/04/23	05/05/23	VTN
2-Nitrophenol	ND		ug/Kg	250	1	313221	05/04/23	05/05/23	VTN
2,4-Dimethylphenol	ND		ug/Kg	250	1	313221	05/04/23	05/05/23	VTN
Benzoic acid	ND		ug/Kg	1,200	1	313221	05/04/23	05/05/23	VTN
bis(2-Chloroethoxy)methane	ND		ug/Kg	250	1	313221	05/04/23	05/05/23	VTN
2,4-Dichlorophenol	ND		ug/Kg	250	1	313221	05/04/23	05/05/23	VTN
1,2,4-Trichlorobenzene	ND		ug/Kg	250	1	313221	05/04/23	05/05/23	VTN
Naphthalene	ND		ug/Kg	250	1	313221	05/04/23	05/05/23	VTN
4-Chloroaniline	ND		ug/Kg	250	1	313221	05/04/23	05/05/23	VTN
Hexachlorobutadiene	ND		ug/Kg	250	1	313221	05/04/23	05/05/23	VTN
4-Chloro-3-methylphenol	ND		ug/Kg	250	1	313221	05/04/23	05/05/23	VTN
2-Methylnaphthalene	ND		ug/Kg	250	1	313221	05/04/23	05/05/23	VTN
Hexachlorocyclopentadiene	ND		ug/Kg	1,200	1	313221	05/04/23	05/05/23	VTN
2,4,6-Trichlorophenol	ND		ug/Kg	250	1	313221	05/04/23	05/05/23	VTN
2,4,5-Trichlorophenol	ND		ug/Kg	250	1	313221	05/04/23	05/05/23	VTN
2-Chloronaphthalene	ND		ug/Kg	250	1	313221	05/04/23	05/05/23	VTN
2-Nitroaniline	ND		ug/Kg	250	1	313221	05/04/23	05/05/23	VTN
Dimethylphthalate	ND		ug/Kg	250	1	313221	05/04/23	05/05/23	VTN
Acenaphthylene	ND		ug/Kg	250	1	313221	05/04/23	05/05/23	VTN
2,6-Dinitrotoluene	ND		ug/Kg	250	1	313221	05/04/23	05/05/23	VTN
3-Nitroaniline	ND		ug/Kg	250	1	313221	05/04/23	05/05/23	VTN

Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

Analysis Results for 484387

484387-009 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Acenaphthene	ND		ug/Kg	250	1	313221	05/04/23	05/05/23	VTN
2,4-Dinitrophenol	ND		ug/Kg	1,200	1	313221	05/04/23	05/05/23	VTN
4-Nitrophenol	ND		ug/Kg	250	1	313221	05/04/23	05/05/23	VTN
Dibenzofuran	ND		ug/Kg	250	1	313221	05/04/23	05/05/23	VTN
2,4-Dinitrotoluene	ND		ug/Kg	250	1	313221	05/04/23	05/05/23	VTN
Diethylphthalate	ND		ug/Kg	250	1	313221	05/04/23	05/05/23	VTN
Fluorene	ND		ug/Kg	250	1	313221	05/04/23	05/05/23	VTN
4-Chlorophenyl-phenylether	ND		ug/Kg	250	1	313221	05/04/23	05/05/23	VTN
4-Nitroaniline	ND		ug/Kg	250	1	313221	05/04/23	05/05/23	VTN
4,6-Dinitro-2-methylphenol	ND		ug/Kg	250	1	313221	05/04/23	05/05/23	VTN
N-Nitrosodiphenylamine	ND		ug/Kg	250	1	313221	05/04/23	05/05/23	VTN
1,2-diphenylhydrazine (as azobenzene)	ND		ug/Kg	250	1	313221	05/04/23	05/05/23	VTN
4-Bromophenyl-phenylether	ND		ug/Kg	250	1	313221	05/04/23	05/05/23	VTN
Hexachlorobenzene	ND		ug/Kg	250	1	313221	05/04/23	05/05/23	VTN
Pentachlorophenol	ND		ug/Kg	1,200	1	313221	05/04/23	05/05/23	VTN
Phenanthrene	ND		ug/Kg	250	1	313221	05/04/23	05/05/23	VTN
Anthracene	ND		ug/Kg	250	1	313221	05/04/23	05/05/23	VTN
Di-n-butylphthalate	ND		ug/Kg	250	1	313221	05/04/23	05/05/23	VTN
Fluoranthene	ND		ug/Kg	250	1	313221	05/04/23	05/05/23	VTN
Benzidine	ND		ug/Kg	1,200	1	313221	05/04/23	05/05/23	VTN
Pyrene	ND		ug/Kg	250	1	313221	05/04/23	05/05/23	VTN
Butylbenzylphthalate	ND		ug/Kg	250	1	313221	05/04/23	05/05/23	VTN
3,3'-Dichlorobenzidine	ND		ug/Kg	1,200	1	313221	05/04/23	05/05/23	VTN
Benzo(a)anthracene	ND		ug/Kg	250	1	313221	05/04/23	05/05/23	VTN
Chrysene	ND		ug/Kg	250	1	313221	05/04/23	05/05/23	VTN
bis(2-Ethylhexyl)phthalate	ND		ug/Kg	250	1	313221	05/04/23	05/05/23	VTN
Di-n-octylphthalate	ND		ug/Kg	250	1	313221	05/04/23	05/05/23	VTN
Benzo(b)fluoranthene	ND		ug/Kg	250	1	313221	05/04/23	05/05/23	VTN
Benzo(k)fluoranthene	ND		ug/Kg	250	1	313221	05/04/23	05/05/23	VTN
Benzo(a)pyrene	ND		ug/Kg	250	1	313221	05/04/23	05/05/23	VTN
Indeno(1,2,3-cd)pyrene	ND		ug/Kg	250	1	313221	05/04/23	05/05/23	VTN
Dibenz(a,h)anthracene	ND		ug/Kg	250	1	313221	05/04/23	05/05/23	VTN
Benzo(g,h,i)perylene	ND		ug/Kg	250	1	313221	05/04/23	05/05/23	VTN
Surrogates				**Limits**					
2-Fluorophenol	9%	*	%REC	29-120	1	313221	05/04/23	05/05/23	VTN
Phenol-d6	50%		%REC	30-120	1	313221	05/04/23	05/05/23	VTN
2,4,6-Tribromophenol	4%	*	%REC	32-120	1	313221	05/04/23	05/05/23	VTN
Nitrobenzene-d5	84%		%REC	33-120	1	313221	05/04/23	05/05/23	VTN
2-Fluorobiphenyl	82%		%REC	39-120	1	313221	05/04/23	05/05/23	VTN
Terphenyl-d14	97%		%REC	44-125	1	313221	05/04/23	05/05/23	VTN

Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

Analysis Results for 484387

Sample ID: F-15-50	Lab ID: 484387-011	Collected: 05/02/23 10:45
	Matrix: Soil	

484387-011 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 8015B Prep Method: EPA 5035									
TPH Gasoline	ND		mg/Kg	2.5	0.85	313395	05/08/23	05/08/23	SXR
Surrogates				**Limits**					
Bromofluorobenzene (FID)	75%		%REC	60-140	0.85	313395	05/08/23	05/08/23	SXR
Method: EPA 8015M Prep Method: EPA 3580M									
DRO C10-C28	**210**		mg/Kg	100	10	313424	05/08/23	05/08/23	BJG
ORO C28-C44	**610**		mg/Kg	200	10	313424	05/08/23	05/08/23	BJG
Surrogates				**Limits**					
n-Triacontane		DO	%REC	70-130	10	313424	05/08/23	05/08/23	BJG
Method: EPA 8260B Prep Method: EPA 5035									
Freon 12	ND		ug/Kg	3.1	0.62	313245	05/05/23	05/05/23	LYZ
Chloromethane	ND		ug/Kg	3.1	0.62	313245	05/05/23	05/05/23	LYZ
Vinyl Chloride	ND		ug/Kg	3.1	0.62	313245	05/05/23	05/05/23	LYZ
Bromomethane	ND		ug/Kg	3.1	0.62	313245	05/05/23	05/05/23	LYZ
Chloroethane	ND		ug/Kg	3.1	0.62	313245	05/05/23	05/05/23	LYZ
Trichlorofluoromethane	ND		ug/Kg	3.1	0.62	313245	05/05/23	05/05/23	LYZ
Acetone	ND		ug/Kg	62	0.62	313245	05/05/23	05/05/23	LYZ
Freon 113	ND		ug/Kg	3.1	0.62	313245	05/05/23	05/05/23	LYZ
1,1-Dichloroethene	ND		ug/Kg	3.1	0.62	313245	05/05/23	05/05/23	LYZ
Methylene Chloride	ND		ug/Kg	3.1	0.62	313245	05/05/23	05/05/23	LYZ
MTBE	ND		ug/Kg	3.1	0.62	313245	05/05/23	05/05/23	LYZ
trans-1,2-Dichloroethene	ND		ug/Kg	3.1	0.62	313245	05/05/23	05/05/23	LYZ
1,1-Dichloroethane	ND		ug/Kg	3.1	0.62	313245	05/05/23	05/05/23	LYZ
2-Butanone	ND		ug/Kg	62	0.62	313245	05/05/23	05/05/23	LYZ
cis-1,2-Dichloroethene	ND		ug/Kg	3.1	0.62	313245	05/05/23	05/05/23	LYZ
2,2-Dichloropropane	ND		ug/Kg	3.1	0.62	313245	05/05/23	05/05/23	LYZ
Chloroform	ND		ug/Kg	3.1	0.62	313245	05/05/23	05/05/23	LYZ
Bromochloromethane	ND		ug/Kg	3.1	0.62	313245	05/05/23	05/05/23	LYZ
1,1,1-Trichloroethane	ND		ug/Kg	3.1	0.62	313245	05/05/23	05/05/23	LYZ
1,1-Dichloropropene	ND		ug/Kg	3.1	0.62	313245	05/05/23	05/05/23	LYZ
Carbon Tetrachloride	ND		ug/Kg	3.1	0.62	313245	05/05/23	05/05/23	LYZ
1,2-Dichloroethane	ND		ug/Kg	3.1	0.62	313245	05/05/23	05/05/23	LYZ
Benzene	ND		ug/Kg	3.1	0.62	313245	05/05/23	05/05/23	LYZ
Trichloroethene	ND		ug/Kg	3.1	0.62	313245	05/05/23	05/05/23	LYZ
1,2-Dichloropropane	ND		ug/Kg	3.1	0.62	313245	05/05/23	05/05/23	LYZ
Bromodichloromethane	ND		ug/Kg	3.1	0.62	313245	05/05/23	05/05/23	LYZ
Dibromomethane	ND		ug/Kg	3.1	0.62	313245	05/05/23	05/05/23	LYZ
4-Methyl-2-Pentanone	ND		ug/Kg	3.1	0.62	313245	05/05/23	05/05/23	LYZ
cis-1,3-Dichloropropene	ND		ug/Kg	3.1	0.62	313245	05/05/23	05/05/23	LYZ

Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

Analysis Results for 484387

484387-011 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Toluene	ND		ug/Kg	3.1	0.62	313245	05/05/23	05/05/23	LYZ
trans-1,3-Dichloropropene	ND		ug/Kg	3.1	0.62	313245	05/05/23	05/05/23	LYZ
1,1,2-Trichloroethane	ND		ug/Kg	3.1	0.62	313245	05/05/23	05/05/23	LYZ
1,3-Dichloropropane	ND		ug/Kg	3.1	0.62	313245	05/05/23	05/05/23	LYZ
Tetrachloroethene	ND		ug/Kg	3.1	0.62	313245	05/05/23	05/05/23	LYZ
Dibromochloromethane	ND		ug/Kg	3.1	0.62	313245	05/05/23	05/05/23	LYZ
1,2-Dibromoethane	ND		ug/Kg	3.1	0.62	313245	05/05/23	05/05/23	LYZ
Chlorobenzene	ND		ug/Kg	3.1	0.62	313245	05/05/23	05/05/23	LYZ
1,1,1,2-Tetrachloroethane	ND		ug/Kg	3.1	0.62	313245	05/05/23	05/05/23	LYZ
Ethylbenzene	ND		ug/Kg	3.1	0.62	313245	05/05/23	05/05/23	LYZ
m,p-Xylenes	ND		ug/Kg	6.2	0.62	313245	05/05/23	05/05/23	LYZ
o-Xylene	ND		ug/Kg	3.1	0.62	313245	05/05/23	05/05/23	LYZ
Styrene	ND		ug/Kg	3.1	0.62	313245	05/05/23	05/05/23	LYZ
Bromoform	ND		ug/Kg	3.1	0.62	313245	05/05/23	05/05/23	LYZ
Isopropylbenzene	ND		ug/Kg	3.1	0.62	313245	05/05/23	05/05/23	LYZ
1,1,2,2-Tetrachloroethane	ND		ug/Kg	3.1	0.62	313245	05/05/23	05/05/23	LYZ
1,2,3-Trichloropropane	ND		ug/Kg	3.1	0.62	313245	05/05/23	05/05/23	LYZ
Propylbenzene	ND		ug/Kg	3.1	0.62	313245	05/05/23	05/05/23	LYZ
Bromobenzene	ND		ug/Kg	3.1	0.62	313245	05/05/23	05/05/23	LYZ
1,3,5-Trimethylbenzene	ND		ug/Kg	3.1	0.62	313245	05/05/23	05/05/23	LYZ
2-Chlorotoluene	ND		ug/Kg	3.1	0.62	313245	05/05/23	05/05/23	LYZ
4-Chlorotoluene	ND		ug/Kg	3.1	0.62	313245	05/05/23	05/05/23	LYZ
tert-Butylbenzene	ND		ug/Kg	3.1	0.62	313245	05/05/23	05/05/23	LYZ
1,2,4-Trimethylbenzene	ND		ug/Kg	3.1	0.62	313245	05/05/23	05/05/23	LYZ
sec-Butylbenzene	ND		ug/Kg	3.1	0.62	313245	05/05/23	05/05/23	LYZ
para-Isopropyl Toluene	ND		ug/Kg	3.1	0.62	313245	05/05/23	05/05/23	LYZ
1,3-Dichlorobenzene	ND		ug/Kg	3.1	0.62	313245	05/05/23	05/05/23	LYZ
1,4-Dichlorobenzene	ND		ug/Kg	3.1	0.62	313245	05/05/23	05/05/23	LYZ
n-Butylbenzene	ND		ug/Kg	3.1	0.62	313245	05/05/23	05/05/23	LYZ
1,2-Dichlorobenzene	ND		ug/Kg	3.1	0.62	313245	05/05/23	05/05/23	LYZ
1,2-Dibromo-3-Chloropropane	ND		ug/Kg	3.1	0.62	313245	05/05/23	05/05/23	LYZ
1,2,4-Trichlorobenzene	ND		ug/Kg	3.1	0.62	313245	05/05/23	05/05/23	LYZ
Hexachlorobutadiene	ND		ug/Kg	3.1	0.62	313245	05/05/23	05/05/23	LYZ
Naphthalene	ND		ug/Kg	3.1	0.62	313245	05/05/23	05/05/23	LYZ
1,2,3-Trichlorobenzene	ND		ug/Kg	3.1	0.62	313245	05/05/23	05/05/23	LYZ
Surrogates				**Limits**					
Dibromofluoromethane	100%		%REC	70-145	0.62	313245	05/05/23	05/05/23	LYZ
1,2-Dichloroethane-d4	102%		%REC	70-145	0.62	313245	05/05/23	05/05/23	LYZ
Toluene-d8	97%		%REC	70-145	0.62	313245	05/05/23	05/05/23	LYZ
Bromofluorobenzene	102%		%REC	70-145	0.62	313245	05/05/23	05/05/23	LYZ

Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

Analysis Results for 484387

Sample ID: F-15-60	Lab ID: 484387-013	Collected: 05/02/23 11:15
	Matrix: Soil	

484387-013 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 6010B Prep Method: EPA 3050B									
Antimony	ND		mg/Kg	2.9	0.96	313161	05/04/23	05/04/23	SBW
Arsenic	**3.0**		mg/Kg	0.96	0.96	313161	05/04/23	05/04/23	SBW
Barium	**100**		mg/Kg	0.96	0.96	313161	05/04/23	05/04/23	SBW
Beryllium	ND		mg/Kg	0.48	0.96	313161	05/04/23	05/04/23	SBW
Cadmium	ND		mg/Kg	0.48	0.96	313161	05/04/23	05/04/23	SBW
Chromium	**55**		mg/Kg	0.96	0.96	313161	05/04/23	05/04/23	SBW
Cobalt	**9.0**		mg/Kg	0.48	0.96	313161	05/04/23	05/04/23	SBW
Copper	**32**		mg/Kg	0.96	0.96	313161	05/04/23	05/04/23	SBW
Lead	**4.8**		mg/Kg	0.96	0.96	313161	05/04/23	05/04/23	SBW
Molybdenum	**1.7**		mg/Kg	0.96	0.96	313161	05/04/23	05/04/23	SBW
Nickel	**54**		mg/Kg	0.96	0.96	313161	05/04/23	05/04/23	SBW
Selenium	ND		mg/Kg	2.9	0.96	313161	05/04/23	05/04/23	SBW
Silver	ND		mg/Kg	0.48	0.96	313161	05/04/23	05/04/23	SBW
Thallium	ND		mg/Kg	2.9	0.96	313161	05/04/23	05/04/23	SBW
Vanadium	**43**		mg/Kg	0.96	0.96	313161	05/04/23	05/04/23	SBW
Zinc	**39**		mg/Kg	4.8	0.96	313161	05/04/23	05/04/23	SBW
Method: EPA 7471A Prep Method: METHOD									
Mercury	ND		mg/Kg	0.14	1	313157	05/04/23	05/08/23	KAM

* Value is outside QC limits
DO Diluted Out
ND Not Detected

Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

Batch QC

Type: Blank	**Lab ID: QC1063151**	**Batch: 313161**
Matrix: Soil	**Method: EPA 6010B**	**Prep Method: EPA 3050B**

QC1063151 Analyte	Result	Qual	Units	RL	Prepared	Analyzed
Antimony	ND		mg/Kg	3.0	05/04/23	05/04/23
Arsenic	ND		mg/Kg	1.0	05/04/23	05/04/23
Barium	ND		mg/Kg	1.0	05/04/23	05/04/23
Beryllium	ND		mg/Kg	0.50	05/04/23	05/04/23
Cadmium	ND		mg/Kg	0.50	05/04/23	05/04/23
Chromium	ND		mg/Kg	1.0	05/04/23	05/04/23
Cobalt	ND		mg/Kg	0.50	05/04/23	05/04/23
Copper	ND		mg/Kg	1.0	05/04/23	05/04/23
Lead	ND		mg/Kg	1.0	05/04/23	05/04/23
Molybdenum	ND		mg/Kg	1.0	05/04/23	05/04/23
Nickel	ND		mg/Kg	1.0	05/04/23	05/04/23
Selenium	ND		mg/Kg	3.0	05/04/23	05/04/23
Silver	ND		mg/Kg	0.50	05/04/23	05/04/23
Thallium	ND		mg/Kg	3.0	05/04/23	05/04/23
Vanadium	ND		mg/Kg	1.0	05/04/23	05/04/23
Zinc	ND		mg/Kg	5.0	05/04/23	05/04/23

Type: Lab Control Sample	**Lab ID: QC1063152**	**Batch: 313161**
Matrix: Soil	**Method: EPA 6010B**	**Prep Method: EPA 3050B**

QC1063152 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Antimony	91.79	100.0	mg/Kg	92%		80-120
Arsenic	96.27	100.0	mg/Kg	96%		80-120
Barium	98.91	100.0	mg/Kg	99%		80-120
Beryllium	100.3	100.0	mg/Kg	100%		80-120
Cadmium	101.3	100.0	mg/Kg	101%		80-120
Chromium	98.53	100.0	mg/Kg	99%		80-120
Cobalt	104.2	100.0	mg/Kg	104%		80-120
Copper	95.80	100.0	mg/Kg	96%		80-120
Lead	100.5	100.0	mg/Kg	101%		80-120
Molybdenum	96.41	100.0	mg/Kg	96%		80-120
Nickel	101.2	100.0	mg/Kg	101%		80-120
Selenium	90.80	100.0	mg/Kg	91%		80-120
Silver	47.43	50.00	mg/Kg	95%		80-120
Thallium	99.19	100.0	mg/Kg	99%		80-120
Vanadium	97.91	100.0	mg/Kg	98%		80-120
Zinc	98.95	100.0	mg/Kg	99%		80-120

ENTHALPY ANALYTICAL

Batch QC

Type:	Matrix Spike	Lab ID:	QC1063153	Batch:	313161
Matrix (Source ID):	Soil (484393-005)	Method:	EPA 6010B	Prep Method:	EPA 3050B

QC1063153 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Antimony	19.08	ND	93.46	mg/Kg	20%	*	75-125	0.93
Arsenic	96.00	6.196	93.46	mg/Kg	96%		75-125	0.93
Barium	206.4	128.9	93.46	mg/Kg	83%		75-125	0.93
Beryllium	94.17	0.6968	93.46	mg/Kg	100%		75-125	0.93
Cadmium	92.52	0.1227	93.46	mg/Kg	99%		75-125	0.93
Chromium	103.3	12.99	93.46	mg/Kg	97%		75-125	0.93
Cobalt	99.55	5.398	93.46	mg/Kg	101%		75-125	0.93
Copper	108.7	14.11	93.46	mg/Kg	101%		75-125	0.93
Lead	103.2	14.01	93.46	mg/Kg	95%		75-125	0.93
Molybdenum	88.03	0.9063	93.46	mg/Kg	93%		75-125	0.93
Nickel	102.2	11.08	93.46	mg/Kg	97%		75-125	0.93
Selenium	85.71	0.3781	93.46	mg/Kg	91%		75-125	0.93
Silver	45.76	ND	46.73	mg/Kg	98%		75-125	0.93
Thallium	89.34	0.5289	93.46	mg/Kg	95%		75-125	0.93
Vanadium	114.1	21.11	93.46	mg/Kg	100%		75-125	0.93
Zinc	130.0	39.72	93.46	mg/Kg	97%		75-125	0.93

Type:	Matrix Spike Duplicate	Lab ID:	QC1063154	Batch:	313161
Matrix (Source ID):	Soil (484393-005)	Method:	EPA 6010B	Prep Method:	EPA 3050B

QC1063154 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
Antimony	22.94	ND	92.59	mg/Kg	25%	*	75-125	19	41	0.93
Arsenic	94.06	6.196	92.59	mg/Kg	95%		75-125	1	35	0.93
Barium	216.9	128.9	92.59	mg/Kg	95%		75-125	5	20	0.93
Beryllium	94.12	0.6968	92.59	mg/Kg	101%		75-125	1	20	0.93
Cadmium	91.93	0.1227	92.59	mg/Kg	99%		75-125	0	20	0.93
Chromium	102.3	12.99	92.59	mg/Kg	96%		75-125	0	20	0.93
Cobalt	98.86	5.398	92.59	mg/Kg	101%		75-125	0	20	0.93
Copper	107.5	14.11	92.59	mg/Kg	101%		75-125	0	20	0.93
Lead	103.8	14.01	92.59	mg/Kg	97%		75-125	1	20	0.93
Molybdenum	88.45	0.9063	92.59	mg/Kg	95%		75-125	1	20	0.93
Nickel	101.2	11.08	92.59	mg/Kg	97%		75-125	0	20	0.93
Selenium	85.37	0.3781	92.59	mg/Kg	92%		75-125	1	20	0.93
Silver	45.73	ND	46.30	mg/Kg	99%		75-125	1	20	0.93
Thallium	89.21	0.5289	92.59	mg/Kg	96%		75-125	1	20	0.93
Vanadium	112.9	21.11	92.59	mg/Kg	99%		75-125	0	20	0.93
Zinc	130.7	39.72	92.59	mg/Kg	98%		75-125	1	20	0.93

ENTHALPY ANALYTICAL

Batch QC

Type: Blank	Lab ID: QC1063137	Batch: 313157
Matrix: Soil	Method: EPA 7471A	Prep Method: METHOD

QC1063137 Analyte	Result	Qual	Units	RL	Prepared	Analyzed
Mercury	ND		mg/Kg	0.14	05/04/23	05/04/23

Type: Lab Control Sample	Lab ID: QC1063138	Batch: 313157
Matrix: Soil	Method: EPA 7471A	Prep Method: METHOD

QC1063138 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Mercury	0.8832	0.8333	mg/Kg	106%		80-120

Type: Matrix Spike	Lab ID: QC1063156	Batch: 313157
Matrix (Source ID): Soil (484369-001)	Method: EPA 7471A	Prep Method: METHOD

QC1063156 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Mercury	0.9173	0.02607	0.8621	mg/Kg	103%		75-125	1

Type: Matrix Spike Duplicate	Lab ID: QC1063157	Batch: 313157
Matrix (Source ID): Soil (484369-001)	Method: EPA 7471A	Prep Method: METHOD

QC1063157 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
Mercury	1.080	0.02607	0.9804	mg/Kg	107%		75-125	4	20	1.2

Type: Blank	Lab ID: QC1063332	Batch: 313232
Matrix: Soil	Method: EPA 7471A	Prep Method: METHOD

QC1063332 Analyte	Result	Qual	Units	RL	Prepared	Analyzed
Mercury	ND		mg/Kg	0.14	05/04/23	05/08/23

Type: Lab Control Sample	Lab ID: QC1063333	Batch: 313232
Matrix: Soil	Method: EPA 7471A	Prep Method: METHOD

QC1063333 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Mercury	0.8205	0.8333	mg/Kg	98%		80-120

ENTHALPY ANALYTICAL

Batch QC

Type: Matrix Spike	Lab ID: QC1063334	Batch: 313232
Matrix (Source ID): Soil (484520-009)	Method: EPA 7471A	Prep Method: METHOD

QC1063334 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Mercury	0.9631	0.03748	0.9434	mg/Kg	98%		75-125	1.1

Type: Matrix Spike Duplicate	Lab ID: QC1063335	Batch: 313232
Matrix (Source ID): Soil (484520-009)	Method: EPA 7471A	Prep Method: METHOD

QC1063335 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
Mercury	1.022	0.03748	1.000	mg/Kg	99%		75-125	0	20	1.2

Type: Blank	Lab ID: QC1063964	Batch: 313395
Matrix: Soil	Method: EPA 8015B	Prep Method: EPA 5035

QC1063964 Analyte	Result	Qual	Units	RL	Prepared	Analyzed
TPH Gasoline	ND		mg/Kg	75	05/08/23	05/08/23
Surrogates				**Limits**		
Bromofluorobenzene (FID)	79%		%REC	60-140	05/08/23	05/08/23

Type: Blank	Lab ID: QC1063965	Batch: 313395
Matrix: Soil	Method: EPA 8015B	Prep Method: EPA 5035

QC1063965 Analyte	Result	Qual	Units	RL	Prepared	Analyzed
TPH Gasoline	ND		mg/Kg	3.0	05/08/23	05/08/23
Surrogates				**Limits**		
Bromofluorobenzene (FID)	78%		%REC	60-140	05/08/23	05/08/23

Type: Lab Control Sample	Lab ID: QC1063966	Batch: 313395
Matrix: Soil	Method: EPA 8015B	Prep Method: EPA 5035

QC1063966 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
TPH Gasoline	4.235	5.000	mg/Kg	85%		70-130
Surrogates						
Bromofluorobenzene (FID)	0.2152	0.2000	mg/Kg	108%		60-140

ENTHALPY ANALYTICAL

Batch QC

Type: Lab Control Sample Duplicate	Lab ID: QC1063967	Batch: 313395
Matrix: Soil	Method: EPA 8015B	Prep Method: EPA 5035

QC1063967 Analyte	Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim
TPH Gasoline	4.241	5.000	mg/Kg	85%		70-130	0	20
Surrogates								
Bromofluorobenzene (FID)	0.2146	0.2000	mg/Kg	107%		60-140		

Type: Blank	Lab ID: QC1064064	Batch: 313424
Matrix: Soil	Method: EPA 8015M	Prep Method: EPA 3580M

QC1064064 Analyte	Result	Qual	Units	RL	Prepared	Analyzed
DRO C10-C28	ND		mg/Kg	10	05/08/23	05/08/23
ORO C28-C44	ND		mg/Kg	20	05/08/23	05/08/23
Surrogates				**Limits**		
n-Triacontane	99%		%REC	70-130	05/08/23	05/08/23

Type: Lab Control Sample	Lab ID: QC1064065	Batch: 313424
Matrix: Soil	Method: EPA 8015M	Prep Method: EPA 3580M

QC1064065 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Diesel C10-C28	282.3	248.8	mg/Kg	113%		76-122
Surrogates						
n-Triacontane	10.67	9.950	mg/Kg	107%		70-130

Type: Matrix Spike	Lab ID: QC1064066	Batch: 313424
Matrix (Source ID): Soil (484387-005)	Method: EPA 8015M	Prep Method: EPA 3580M

QC1064066 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Diesel C10-C28	318.8	4.361	249.1	mg/Kg	126%		62-126	1
Surrogates								
n-Triacontane	9.949		9.965	mg/Kg	100%		70-130	1

Type: Matrix Spike Duplicate	Lab ID: QC1064067	Batch: 313424
Matrix (Source ID): Soil (484387-005)	Method: EPA 8015M	Prep Method: EPA 3580M

QC1064067 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
Diesel C10-C28	285.9	4.361	248.5	mg/Kg	113%		62-126	11	35	0.99
Surrogates										
n-Triacontane	10.33		9.940	mg/Kg	104%		70-130			0.99

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Batch QC

Type: Blank	Lab ID: QC1062809	Batch: 313059
Matrix: Soil		

QC1062809 Analyte	Result	Qual	Units	RL	Prepared	Analyzed
Method: EPA 8081A Prep Method: EPA 3546						
alpha-BHC	ND		ug/Kg	5.0	05/03/23	05/03/23
beta-BHC	ND		ug/Kg	5.0	05/03/23	05/03/23
gamma-BHC	ND		ug/Kg	5.0	05/03/23	05/03/23
delta-BHC	ND		ug/Kg	5.0	05/03/23	05/03/23
Heptachlor	ND		ug/Kg	5.0	05/03/23	05/03/23
Aldrin	ND		ug/Kg	5.0	05/03/23	05/03/23
Heptachlor epoxide	ND		ug/Kg	5.0	05/03/23	05/03/23
Endosulfan I	ND		ug/Kg	5.0	05/03/23	05/03/23
Dieldrin	ND		ug/Kg	5.0	05/03/23	05/03/23
4,4'-DDE	ND		ug/Kg	5.0	05/03/23	05/03/23
Endrin	ND		ug/Kg	5.0	05/03/23	05/03/23
Endosulfan II	ND		ug/Kg	5.0	05/03/23	05/03/23
Endosulfan sulfate	ND		ug/Kg	5.0	05/03/23	05/03/23
4,4'-DDD	ND		ug/Kg	5.0	05/03/23	05/03/23
Endrin aldehyde	ND		ug/Kg	5.0	05/03/23	05/03/23
Endrin ketone	ND		ug/Kg	5.0	05/03/23	05/03/23
4,4'-DDT	ND		ug/Kg	5.0	05/03/23	05/03/23
Methoxychlor	ND		ug/Kg	9.9	05/03/23	05/03/23
Toxaphene	ND		ug/Kg	99	05/03/23	05/03/23
Chlordane (Technical)	ND		ug/Kg	50	05/03/23	05/03/23
Surrogates				**Limits**		
TCMX	89%		%REC	23-120	05/03/23	05/03/23
Decachlorobiphenyl	94%		%REC	24-120	05/03/23	05/03/23
Method: EPA 8082 Prep Method: EPA 3546						
Aroclor-1016	ND		ug/Kg	50	05/03/23	05/03/23
Aroclor-1221	ND		ug/Kg	50	05/03/23	05/03/23
Aroclor-1232	ND		ug/Kg	50	05/03/23	05/03/23
Aroclor-1242	ND		ug/Kg	50	05/03/23	05/03/23
Aroclor-1248	ND		ug/Kg	50	05/03/23	05/03/23
Aroclor-1254	ND		ug/Kg	50	05/03/23	05/03/23
Aroclor-1260	ND		ug/Kg	50	05/03/23	05/03/23
Surrogates				**Limits**		
Decachlorobiphenyl (PCB)	83%		%REC	19-121	05/03/23	05/03/23

ENTHALPY ANALYTICAL

Batch QC

Type: Lab Control Sample	**Lab ID: QC1062810**	**Batch: 313059**
Matrix: Soil	**Method: EPA 8081A**	**Prep Method: EPA 3546**

QC1062810 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
alpha-BHC	42.01	49.07	ug/Kg	86%		22-129
beta-BHC	40.83	49.07	ug/Kg	83%		28-125
gamma-BHC	41.76	49.07	ug/Kg	85%		22-128
delta-BHC	43.70	49.07	ug/Kg	89%		24-131
Heptachlor	39.25	49.07	ug/Kg	80%		18-124
Aldrin	32.56	49.07	ug/Kg	66%		23-120
Heptachlor epoxide	40.07	49.07	ug/Kg	82%		26-120
Endosulfan I	40.52	49.07	ug/Kg	83%		25-126
Dieldrin	38.59	49.07	ug/Kg	79%		23-124
4,4'-DDE	40.44	49.07	ug/Kg	82%		28-121
Endrin	40.50	49.07	ug/Kg	83%		25-127
Endosulfan II	39.94	49.07	ug/Kg	81%		29-121
Endosulfan sulfate	37.19	49.07	ug/Kg	76%		30-121
4,4'-DDD	41.76	49.07	ug/Kg	85%		26-120
Endrin aldehyde	26.63	49.07	ug/Kg	54%		10-120
Endrin ketone	39.02	49.07	ug/Kg	80%		28-125
4,4'-DDT	35.25	49.07	ug/Kg	72%		22-125
Methoxychlor	40.23	49.07	ug/Kg	82%		28-130
Surrogates						
TCMX	39.31	49.07	ug/Kg	80%		23-120
Decachlorobiphenyl	32.44	49.07	ug/Kg	66%		24-120

ENTHALPY ANALYTICAL

Batch QC

Type:	**Matrix Spike**	**Lab ID:**	**QC1062811**	**Batch:**	**313059**
Matrix (Source ID):	**Soil (484328-001)**	**Method:**	**EPA 8081A**	**Prep Method:**	**EPA 3546**

QC1062811 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
alpha-BHC	38.46	ND	49.85	ug/Kg	77%		46-120	1
beta-BHC	42.07	1.944	49.85	ug/Kg	79%		41-120	1
gamma-BHC	37.56	ND	49.85	ug/Kg	75%		41-120	1
delta-BHC	17.92	ND	49.85	ug/Kg	36%	*	38-123	1
Heptachlor	39.68	ND	49.85	ug/Kg	80%		39-120	1
Aldrin	37.41	ND	49.85	ug/Kg	75%		34-120	1
Heptachlor epoxide	40.31	ND	49.85	ug/Kg	81%		43-120	1
Endosulfan I	40.96	ND	49.85	ug/Kg	82%		45-120	1
Dieldrin	39.38	ND	49.85	ug/Kg	79%		45-120	1
4,4'-DDE	41.65	ND	49.85	ug/Kg	84%		34-120	1
Endrin	40.15	ND	49.85	ug/Kg	81%		40-120	1
Endosulfan II	40.06	ND	49.85	ug/Kg	80%		41-120	1
Endosulfan sulfate	36.05	ND	49.85	ug/Kg	72%		42-120	1
4,4'-DDD	40.81	ND	49.85	ug/Kg	82%		41-120	1
Endrin aldehyde	32.69	ND	49.85	ug/Kg	62%		30-120	1
Endrin ketone	40.42	ND	49.85	ug/Kg	81%		45-120	1
4,4'-DDT	38.13	ND	49.85	ug/Kg	76%		35-127	1
Methoxychlor	43.22	ND	49.85	ug/Kg	87%		42-136	1
Surrogates								
TCMX	38.42		49.85	ug/Kg	77%		23-120	1
Decachlorobiphenyl	36.68		49.85	ug/Kg	74%		24-120	1

ENTHALPY ANALYTICAL

Batch QC

Type:	**Matrix Spike Duplicate**	**Lab ID:**	**QC1062812**	**Batch:**	**313059**
Matrix (Source ID):	**Soil (484328-001)**	**Method:**	**EPA 8081A**	**Prep Method:**	**EPA 3546**

QC1062812 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
alpha-BHC	42.55	ND	49.80	ug/Kg	85%		46-120	10	30	1
beta-BHC	46.90	1.944	49.80	ug/Kg	88%		41-120	11	30	1
gamma-BHC	42.12	ND	49.80	ug/Kg	85%		41-120	12	30	1
delta-BHC	18.10	ND	49.80	ug/Kg	36%	*	38-123	1	30	1
Heptachlor	44.60	ND	49.80	ug/Kg	90%		39-120	12	30	1
Aldrin	42.58	ND	49.80	ug/Kg	85%		34-120	13	30	1
Heptachlor epoxide	45.17	ND	49.80	ug/Kg	91%		43-120	11	30	1
Endosulfan I	45.78	ND	49.80	ug/Kg	92%		45-120	11	30	1
Dieldrin	43.54	ND	49.80	ug/Kg	87%		45-120	10	30	1
4,4'-DDE	46.76	ND	49.80	ug/Kg	94%		34-120	12	30	1
Endrin	46.33	ND	49.80	ug/Kg	93%		40-120	14	30	1
Endosulfan II	45.33	ND	49.80	ug/Kg	91%		41-120	12	30	1
Endosulfan sulfate	39.46	ND	49.80	ug/Kg	79%		42-120	9	30	1
4,4'-DDD	45.53	ND	49.80	ug/Kg	91%		41-120	11	30	1
Endrin aldehyde	36.91	ND	49.80	ug/Kg	71%		30-120	12	30	1
Endrin ketone	44.81	ND	49.80	ug/Kg	90%		45-120	10	30	1
4,4'-DDT	43.24	ND	49.80	ug/Kg	87%		35-127	13	30	1
Methoxychlor	49.72	ND	49.80	ug/Kg	100%		42-136	14	30	1
Surrogates										
TCMX	43.76		49.80	ug/Kg	88%		23-120			1
Decachlorobiphenyl	41.09		49.80	ug/Kg	83%		24-120			1

Type:	**Lab Control Sample**	**Lab ID:**	**QC1062813**	**Batch:**	**313059**
Matrix:	**Soil**	**Method:**	**EPA 8082**	**Prep Method:**	**EPA 3546**

QC1062813 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Aroclor-1016	453.0	498.5	ug/Kg	91%		14-150
Aroclor-1260	366.0	498.5	ug/Kg	73%		10-150
Surrogates						
Decachlorobiphenyl (PCB)	35.06	49.85	ug/Kg	70%		19-121

ENTHALPY ANALYTICAL

Batch QC

Type:	**Matrix Spike**	**Lab ID:**	**QC1062814**	**Batch:**	**313059**
Matrix (Source ID):	**Soil (484308-001)**	**Method:**	**EPA 8082**	**Prep Method:**	**EPA 3546**

QC1062814 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Aroclor-1016	435.4	ND	494.1	ug/Kg	88%		42-127	0.99
Aroclor-1260	373.9	ND	494.1	ug/Kg	76%		38-130	0.99
Surrogates								
Decachlorobiphenyl (PCB)	36.99		49.41	ug/Kg	75%		19-121	0.99

Type:	**Matrix Spike Duplicate**	**Lab ID:**	**QC1062815**	**Batch:**	**313059**
Matrix (Source ID):	**Soil (484308-001)**	**Method:**	**EPA 8082**	**Prep Method:**	**EPA 3546**

QC1062815 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
Aroclor-1016	450.8	ND	490.7	ug/Kg	92%		42-127	4	30	0.98
Aroclor-1260	377.6	ND	490.7	ug/Kg	77%		38-130	2	30	0.98
Surrogates										
Decachlorobiphenyl (PCB)	35.84		49.07	ug/Kg	73%		19-121			0.98

Type:	**Lab Control Sample**	**Lab ID:**	**QC1063367**	**Batch:**	**313245**
Matrix:	**Soil**	**Method:**	**EPA 8260B**	**Prep Method:**	**EPA 5035**

QC1063367 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
1,1-Dichloroethene	53.35	50.00	ug/Kg	107%		70-131
MTBE	48.78	50.00	ug/Kg	98%		69-130
Benzene	50.85	50.00	ug/Kg	102%		70-130
Trichloroethene	50.28	50.00	ug/Kg	101%		70-130
Toluene	51.49	50.00	ug/Kg	103%		70-130
Chlorobenzene	53.61	50.00	ug/Kg	107%		70-130
Surrogates						
Dibromofluoromethane	49.73	50.00	ug/Kg	99%		70-130
1,2-Dichloroethane-d4	51.08	50.00	ug/Kg	102%		70-145
Toluene-d8	49.22	50.00	ug/Kg	98%		70-145
Bromofluorobenzene	49.37	50.00	ug/Kg	99%		70-145

ENTHALPY ANALYTICAL

Batch QC

Type:	**Lab Control Sample Duplicate**	**Lab ID:**	**QC1063368**	**Batch:**	**313245**
Matrix:	**Soil**	**Method:**	**EPA 8260B**	**Prep Method:**	**EPA 5035**

QC1063368 Analyte	Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim
1,1-Dichloroethene	52.00	50.00	ug/Kg	104%		70-131	3	33
MTBE	48.51	50.00	ug/Kg	97%		69-130	1	30
Benzene	49.38	50.00	ug/Kg	99%		70-130	3	30
Trichloroethene	49.45	50.00	ug/Kg	99%		70-130	2	30
Toluene	49.70	50.00	ug/Kg	99%		70-130	4	30
Chlorobenzene	51.47	50.00	ug/Kg	103%		70-130	4	30
Surrogates								
Dibromofluoromethane	49.72	50.00	ug/Kg	99%		70-130		
1,2-Dichloroethane-d4	50.21	50.00	ug/Kg	100%		70-145		
Toluene-d8	49.31	50.00	ug/Kg	99%		70-145		
Bromofluorobenzene	48.46	50.00	ug/Kg	97%		70-145		

ENTHALPY ANALYTICAL

Batch QC

Type:	**Blank**	**Lab ID:**	**QC1063372**	**Batch:**	**313245**
Matrix:	**Soil**	**Method:**	**EPA 8260B**	**Prep Method:**	**EPA 5035**

QC1063372 Analyte	Result	Qual	Units	RL	Prepared	Analyzed
Freon 12	ND		ug/Kg	5.0	05/04/23	05/04/23
Chloromethane	ND		ug/Kg	5.0	05/04/23	05/04/23
Vinyl Chloride	ND		ug/Kg	5.0	05/04/23	05/04/23
Bromomethane	ND		ug/Kg	5.0	05/04/23	05/04/23
Chloroethane	ND		ug/Kg	5.0	05/04/23	05/04/23
Trichlorofluoromethane	ND		ug/Kg	5.0	05/04/23	05/04/23
Acetone	ND		ug/Kg	100	05/04/23	05/04/23
Freon 113	ND		ug/Kg	5.0	05/04/23	05/04/23
1,1-Dichloroethene	ND		ug/Kg	5.0	05/04/23	05/04/23
Methylene Chloride	ND		ug/Kg	5.0	05/04/23	05/04/23
MTBE	ND		ug/Kg	5.0	05/04/23	05/04/23
trans-1,2-Dichloroethene	ND		ug/Kg	5.0	05/04/23	05/04/23
1,1-Dichloroethane	ND		ug/Kg	5.0	05/04/23	05/04/23
2-Butanone	ND		ug/Kg	100	05/04/23	05/04/23
cis-1,2-Dichloroethene	ND		ug/Kg	5.0	05/04/23	05/04/23
2,2-Dichloropropane	ND		ug/Kg	5.0	05/04/23	05/04/23
Chloroform	ND		ug/Kg	5.0	05/04/23	05/04/23
Bromochloromethane	ND		ug/Kg	5.0	05/04/23	05/04/23
1,1,1-Trichloroethane	ND		ug/Kg	5.0	05/04/23	05/04/23
1,1-Dichloropropene	ND		ug/Kg	5.0	05/04/23	05/04/23
Carbon Tetrachloride	ND		ug/Kg	5.0	05/04/23	05/04/23
1,2-Dichloroethane	ND		ug/Kg	5.0	05/04/23	05/04/23
Benzene	ND		ug/Kg	5.0	05/04/23	05/04/23
Trichloroethene	ND		ug/Kg	5.0	05/04/23	05/04/23
1,2-Dichloropropane	ND		ug/Kg	5.0	05/04/23	05/04/23
Bromodichloromethane	ND		ug/Kg	5.0	05/04/23	05/04/23
Dibromomethane	ND		ug/Kg	5.0	05/04/23	05/04/23
4-Methyl-2-Pentanone	ND		ug/Kg	5.0	05/04/23	05/04/23
cis-1,3-Dichloropropene	ND		ug/Kg	5.0	05/04/23	05/04/23
Toluene	ND		ug/Kg	5.0	05/04/23	05/04/23
trans-1,3-Dichloropropene	ND		ug/Kg	5.0	05/04/23	05/04/23
1,1,2-Trichloroethane	ND		ug/Kg	5.0	05/04/23	05/04/23
1,3-Dichloropropane	ND		ug/Kg	5.0	05/04/23	05/04/23
Tetrachloroethene	ND		ug/Kg	5.0	05/04/23	05/04/23
Dibromochloromethane	ND		ug/Kg	5.0	05/04/23	05/04/23
1,2-Dibromoethane	ND		ug/Kg	5.0	05/04/23	05/04/23
Chlorobenzene	ND		ug/Kg	5.0	05/04/23	05/04/23
1,1,1,2-Tetrachloroethane	ND		ug/Kg	5.0	05/04/23	05/04/23
Ethylbenzene	ND		ug/Kg	5.0	05/04/23	05/04/23
m,p-Xylenes	ND		ug/Kg	10	05/04/23	05/04/23
o-Xylene	ND		ug/Kg	5.0	05/04/23	05/04/23
Styrene	ND		ug/Kg	5.0	05/04/23	05/04/23

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Batch QC

QC1063372 Analyte	Result	Qual	Units	RL	Prepared	Analyzed
Bromoform	ND		ug/Kg	5.0	05/04/23	05/04/23
Isopropylbenzene	ND		ug/Kg	5.0	05/04/23	05/04/23
1,1,2,2-Tetrachloroethane	ND		ug/Kg	5.0	05/04/23	05/04/23
1,2,3-Trichloropropane	ND		ug/Kg	5.0	05/04/23	05/04/23
Propylbenzene	ND		ug/Kg	5.0	05/04/23	05/04/23
Bromobenzene	ND		ug/Kg	5.0	05/04/23	05/04/23
1,3,5-Trimethylbenzene	ND		ug/Kg	5.0	05/04/23	05/04/23
2-Chlorotoluene	ND		ug/Kg	5.0	05/04/23	05/04/23
4-Chlorotoluene	ND		ug/Kg	5.0	05/04/23	05/04/23
tert-Butylbenzene	ND		ug/Kg	5.0	05/04/23	05/04/23
1,2,4-Trimethylbenzene	ND		ug/Kg	5.0	05/04/23	05/04/23
sec-Butylbenzene	ND		ug/Kg	5.0	05/04/23	05/04/23
para-Isopropyl Toluene	ND		ug/Kg	5.0	05/04/23	05/04/23
1,3-Dichlorobenzene	ND		ug/Kg	5.0	05/04/23	05/04/23
1,4-Dichlorobenzene	ND		ug/Kg	5.0	05/04/23	05/04/23
n-Butylbenzene	ND		ug/Kg	5.0	05/04/23	05/04/23
1,2-Dichlorobenzene	ND		ug/Kg	5.0	05/04/23	05/04/23
1,2-Dibromo-3-Chloropropane	ND		ug/Kg	5.0	05/04/23	05/04/23
1,2,4-Trichlorobenzene	ND		ug/Kg	5.0	05/04/23	05/04/23
Hexachlorobutadiene	ND		ug/Kg	5.0	05/04/23	05/04/23
Naphthalene	ND		ug/Kg	5.0	05/04/23	05/04/23
1,2,3-Trichlorobenzene	ND		ug/Kg	5.0	05/04/23	05/04/23
Surrogates				**Limits**		
Dibromofluoromethane	98%		%REC	70-130	05/04/23	05/04/23
1,2-Dichloroethane-d4	94%		%REC	70-145	05/04/23	05/04/23
Toluene-d8	98%		%REC	70-145	05/04/23	05/04/23
Bromofluorobenzene	100%		%REC	70-145	05/04/23	05/04/23

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Batch QC

Type:	**Blank**	**Lab ID:**	**QC1063310**	**Batch:**	**313221**
Matrix:	**Soil**	**Method:**	**EPA 8270C**	**Prep Method:**	**EPA 3546**

QC1063310 Analyte	Result	Qual	Units	RL	Prepared	Analyzed
Carbazole	ND		ug/Kg	250	05/04/23	05/05/23
1-Methylnaphthalene	ND		ug/Kg	250	05/04/23	05/05/23
Pyridine	ND		ug/Kg	250	05/04/23	05/05/23
N-Nitrosodimethylamine	ND		ug/Kg	250	05/04/23	05/05/23
Phenol	ND		ug/Kg	250	05/04/23	05/05/23
Aniline	ND		ug/Kg	250	05/04/23	05/05/23
bis(2-Chloroethyl)ether	ND		ug/Kg	1,200	05/04/23	05/05/23
2-Chlorophenol	ND		ug/Kg	250	05/04/23	05/05/23
1,3-Dichlorobenzene	ND		ug/Kg	250	05/04/23	05/05/23
1,4-Dichlorobenzene	ND		ug/Kg	250	05/04/23	05/05/23
Benzyl alcohol	ND		ug/Kg	250	05/04/23	05/05/23
1,2-Dichlorobenzene	ND		ug/Kg	250	05/04/23	05/05/23
2-Methylphenol	ND		ug/Kg	250	05/04/23	05/05/23
bis(2-Chloroisopropyl) ether	ND		ug/Kg	250	05/04/23	05/05/23
3-,4-Methylphenol	ND		ug/Kg	400	05/04/23	05/05/23
N-Nitroso-di-n-propylamine	ND		ug/Kg	250	05/04/23	05/05/23
Hexachloroethane	ND		ug/Kg	250	05/04/23	05/05/23
Nitrobenzene	ND		ug/Kg	1,200	05/04/23	05/05/23
Isophorone	ND		ug/Kg	250	05/04/23	05/05/23
2-Nitrophenol	ND		ug/Kg	250	05/04/23	05/05/23
2,4-Dimethylphenol	ND		ug/Kg	250	05/04/23	05/05/23
Benzoic acid	ND		ug/Kg	1,200	05/04/23	05/05/23
bis(2-Chloroethoxy)methane	ND		ug/Kg	250	05/04/23	05/05/23
2,4-Dichlorophenol	ND		ug/Kg	250	05/04/23	05/05/23
1,2,4-Trichlorobenzene	ND		ug/Kg	250	05/04/23	05/05/23
Naphthalene	ND		ug/Kg	250	05/04/23	05/05/23
4-Chloroaniline	ND		ug/Kg	250	05/04/23	05/05/23
Hexachlorobutadiene	ND		ug/Kg	250	05/04/23	05/05/23
4-Chloro-3-methylphenol	ND		ug/Kg	250	05/04/23	05/05/23
2-Methylnaphthalene	ND		ug/Kg	250	05/04/23	05/05/23
Hexachlorocyclopentadiene	ND		ug/Kg	1,200	05/04/23	05/05/23
2,4,6-Trichlorophenol	ND		ug/Kg	250	05/04/23	05/05/23
2,4,5-Trichlorophenol	ND		ug/Kg	250	05/04/23	05/05/23
2-Chloronaphthalene	ND		ug/Kg	250	05/04/23	05/05/23
2-Nitroaniline	ND		ug/Kg	250	05/04/23	05/05/23
Dimethylphthalate	ND		ug/Kg	250	05/04/23	05/05/23
Acenaphthylene	ND		ug/Kg	250	05/04/23	05/05/23
2,6-Dinitrotoluene	ND		ug/Kg	250	05/04/23	05/05/23
3-Nitroaniline	ND		ug/Kg	250	05/04/23	05/05/23
Acenaphthene	ND		ug/Kg	250	05/04/23	05/05/23
2,4-Dinitrophenol	ND		ug/Kg	1,200	05/04/23	05/05/23
4-Nitrophenol	ND		ug/Kg	250	05/04/23	05/05/23

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Batch QC

QC1063310 Analyte	Result	Qual	Units	RL	Prepared	Analyzed
Dibenzofuran	ND		ug/Kg	250	05/04/23	05/05/23
2,4-Dinitrotoluene	ND		ug/Kg	250	05/04/23	05/05/23
Diethylphthalate	ND		ug/Kg	250	05/04/23	05/05/23
Fluorene	ND		ug/Kg	250	05/04/23	05/05/23
4-Chlorophenyl-phenylether	ND		ug/Kg	250	05/04/23	05/05/23
4-Nitroaniline	ND		ug/Kg	250	05/04/23	05/05/23
4,6-Dinitro-2-methylphenol	ND		ug/Kg	250	05/04/23	05/05/23
N-Nitrosodiphenylamine	ND		ug/Kg	250	05/04/23	05/05/23
1,2-diphenylhydrazine (as azobenzene)	ND		ug/Kg	250	05/04/23	05/05/23
4-Bromophenyl-phenylether	ND		ug/Kg	250	05/04/23	05/05/23
Hexachlorobenzene	ND		ug/Kg	250	05/04/23	05/05/23
Pentachlorophenol	ND		ug/Kg	1,200	05/04/23	05/05/23
Phenanthrene	ND		ug/Kg	250	05/04/23	05/05/23
Anthracene	ND		ug/Kg	250	05/04/23	05/05/23
Di-n-butylphthalate	ND		ug/Kg	250	05/04/23	05/05/23
Fluoranthene	ND		ug/Kg	250	05/04/23	05/05/23
Benzidine	ND		ug/Kg	1,200	05/04/23	05/05/23
Pyrene	ND		ug/Kg	250	05/04/23	05/05/23
Butylbenzylphthalate	ND		ug/Kg	250	05/04/23	05/05/23
3,3'-Dichlorobenzidine	ND		ug/Kg	1,200	05/04/23	05/05/23
Benzo(a)anthracene	ND		ug/Kg	250	05/04/23	05/05/23
Chrysene	ND		ug/Kg	250	05/04/23	05/05/23
bis(2-Ethylhexyl)phthalate	ND		ug/Kg	250	05/04/23	05/05/23
Di-n-octylphthalate	ND		ug/Kg	250	05/04/23	05/05/23
Benzo(b)fluoranthene	ND		ug/Kg	250	05/04/23	05/05/23
Benzo(k)fluoranthene	ND		ug/Kg	250	05/04/23	05/05/23
Benzo(a)pyrene	ND		ug/Kg	250	05/04/23	05/05/23
Indeno(1,2,3-cd)pyrene	ND		ug/Kg	250	05/04/23	05/05/23
Dibenz(a,h)anthracene	ND		ug/Kg	250	05/04/23	05/05/23
Benzo(g,h,i)perylene	ND		ug/Kg	250	05/04/23	05/05/23
Surrogates				**Limits**		
2-Fluorophenol	73%		%REC	29-120	05/04/23	05/05/23
Phenol-d6	76%		%REC	30-120	05/04/23	05/05/23
2,4,6-Tribromophenol	85%		%REC	32-120	05/04/23	05/05/23
Nitrobenzene-d5	75%		%REC	33-120	05/04/23	05/05/23
2-Fluorobiphenyl	71%		%REC	39-120	05/04/23	05/05/23
Terphenyl-d14	96%		%REC	44-125	05/04/23	05/05/23

ENTHALPY ANALYTICAL

Batch QC

Type: Lab Control Sample	**Lab ID: QC1063311**	**Batch: 313221**
Matrix: Soil	**Method: EPA 8270C**	**Prep Method: EPA 3546**

QC1063311 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Phenol	2,941	3718	ug/Kg	79%		42-120
2-Chlorophenol	2,885	3718	ug/Kg	78%		41-120
1,4-Dichlorobenzene	2,820	3718	ug/Kg	76%		36-120
3-,4-Methylphenol	3,097	3718	ug/Kg	83%		42-120
N-Nitroso-di-n-propylamine	2,840	3718	ug/Kg	76%		43-121
2,4-Dimethylphenol	2,807	3718	ug/Kg	75%		25-120
1,2,4-Trichlorobenzene	2,905	3718	ug/Kg	78%		38-120
4-Chloro-3-methylphenol	3,099	3718	ug/Kg	83%		40-125
2,4,5-Trichlorophenol	3,176	3718	ug/Kg	85%		40-124
Acenaphthene	2,866	3718	ug/Kg	77%		35-126
4-Nitrophenol	2,889	3718	ug/Kg	78%		24-128
2,4-Dinitrotoluene	3,238	3718	ug/Kg	87%		40-131
Pentachlorophenol	2,412	3718	ug/Kg	65%		35-120
Pyrene	3,062	3718	ug/Kg	82%		37-135
Chrysene	2,807	3718	ug/Kg	75%		38-132
Benzo(b)fluoranthene	2,922	3718	ug/Kg	79%		38-135
Surrogates						
2-Fluorophenol	1,647	1983	ug/Kg	83%		29-120
Phenol-d6	1,707	1983	ug/Kg	86%		30-120
2,4,6-Tribromophenol	1,977	1983	ug/Kg	100%		32-120
Nitrobenzene-d5	1,631	1983	ug/Kg	82%		33-120
2-Fluorobiphenyl	1,609	1983	ug/Kg	81%		39-120
Terphenyl-d14	1,759	1983	ug/Kg	89%		44-125

ENTHALPY ANALYTICAL

Batch QC

Type:	**Matrix Spike**	**Lab ID:**	**QC1063312**	**Batch:**	**313221**
Matrix (Source ID):	**Soil (484369-008)**	**Method:**	**EPA 8270C**	**Prep Method:**	**EPA 3546**

QC1063312 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Phenol	3,376	ND	3728	ug/Kg	91%		37-120	0.99
2-Chlorophenol	3,427	ND	3728	ug/Kg	92%		33-120	0.99
1,4-Dichlorobenzene	3,201	ND	3728	ug/Kg	86%		32-120	0.99
3-,4-Methylphenol	3,609	ND	3728	ug/Kg	97%		37-120	0.99
N-Nitroso-di-n-propylamine	3,418	ND	3728	ug/Kg	92%		32-120	0.99
2,4-Dimethylphenol	3,374	ND	3728	ug/Kg	91%		32-120	0.99
1,2,4-Trichlorobenzene	3,458	ND	3728	ug/Kg	93%		33-120	0.99
4-Chloro-3-methylphenol	3,671	ND	3728	ug/Kg	98%		41-121	0.99
2,4,5-Trichlorophenol	3,724	ND	3728	ug/Kg	100%		40-120	0.99
Acenaphthene	3,536	172.6	3728	ug/Kg	90%		37-120	0.99
4-Nitrophenol	2,774	ND	3728	ug/Kg	74%		20-141	0.99
2,4-Dinitrotoluene	3,556	ND	3728	ug/Kg	95%		33-128	0.99
Pentachlorophenol	2,549	ND	3728	ug/Kg	68%		28-132	0.99
Pyrene	5,204	1754	3728	ug/Kg	93%		39-135	0.99
Chrysene	4,125	866.3	3728	ug/Kg	87%		37-135	0.99
Benzo(b)fluoranthene	4,122	652.6	3728	ug/Kg	93%		34-139	0.99
Surrogates								
2-Fluorophenol	1,889		1988	ug/Kg	95%		29-120	0.99
Phenol-d6	1,961		1988	ug/Kg	99%		30-120	0.99
2,4,6-Tribromophenol	2,268		1988	ug/Kg	114%		32-120	0.99
Nitrobenzene-d5	1,886		1988	ug/Kg	95%		33-120	0.99
2-Fluorobiphenyl	1,913		1988	ug/Kg	96%		39-120	0.99
Terphenyl-d14	2,017		1988	ug/Kg	101%		44-125	0.99

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Batch QC

Type:	**Matrix Spike Duplicate**	**Lab ID:**	**QC1063313**	**Batch:**	**313221**
Matrix (Source ID):	**Soil (484369-008)**	**Method:**	**EPA 8270C**	**Prep Method:**	**EPA 3546**

QC1063313 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
Phenol	3,319	ND	3750	ug/Kg	89%		37-120	2	49	1
2-Chlorophenol	3,334	ND	3750	ug/Kg	89%		33-120	3	52	1
1,4-Dichlorobenzene	3,177	ND	3750	ug/Kg	85%		32-120	1	50	1
3-,4-Methylphenol	3,592	ND	3750	ug/Kg	96%		37-120	1	54	1
N-Nitroso-di-n-propylamine	3,303	ND	3750	ug/Kg	88%		32-120	4	50	1
2,4-Dimethylphenol	3,287	ND	3750	ug/Kg	88%		32-120	3	50	1
1,2,4-Trichlorobenzene	3,340	ND	3750	ug/Kg	89%		33-120	4	50	1
4-Chloro-3-methylphenol	3,568	ND	3750	ug/Kg	95%		41-121	3	43	1
2,4,5-Trichlorophenol	3,688	ND	3750	ug/Kg	98%		40-120	2	47	1
Acenaphthene	3,452	172.6	3750	ug/Kg	87%		37-120	3	48	1
4-Nitrophenol	2,867	ND	3750	ug/Kg	76%		20-141	3	30	1
2,4-Dinitrotoluene	3,546	ND	3750	ug/Kg	95%		33-128	1	50	1
Pentachlorophenol	2,549	ND	3750	ug/Kg	68%		28-132	1	30	1
Pyrene	5,404	1754	3750	ug/Kg	97%		39-135	3	41	1
Chrysene	4,019	866.3	3750	ug/Kg	84%		37-135	3	46	1
Benzo(b)fluoranthene	4,077	652.6	3750	ug/Kg	91%		34-139	2	47	1
Surrogates										
2-Fluorophenol	1,853		2000	ug/Kg	93%		29-120			1
Phenol-d6	1,946		2000	ug/Kg	97%		30-120			1
2,4,6-Tribromophenol	2,245		2000	ug/Kg	112%		32-120			1
Nitrobenzene-d5	1,845		2000	ug/Kg	92%		33-120			1
2-Fluorobiphenyl	1,841		2000	ug/Kg	92%		39-120			1
Terphenyl-d14	1,969		2000	ug/Kg	98%		44-125			1

* Value is outside QC limits

ND Not Detected

Enthalpy Analytical
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enthalpy.com

Lab Job Number: 484468
Report Level: II
Report Date: 05/10/2023

Analytical Report *prepared for:*

Peter Sims
Farallon Consulting
330 Franklin Street
Suite 200
Oakland, CA 94612

Project: 1363-005-006 - Brisbane Quarry

Authorized for release by:

Sophia Baughman, Project Manager
sophia.baughman@enthalpy.com

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 above signature which applies to this PDF file as well as any associated electronic data deliverable files. The results contained in this report meet all requirements of NELAP and pertain only to those samples which were submitted for analysis. This report may be reproduced only in its entirety.

CA ELAP# 1338, NELAP# 4038, SCAQMD LAP# 18LA0518, LACSD ID# 10105

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Sample Summary

Peter Sims
Farallon Consulting
330 Franklin Street
Suite 200
Oakland, CA 94612

Lab Job #:	484468
Project No:	1363-005-006
Location:	Brisbane Quarry
Date Received:	05/03/23

Sample ID	Lab ID	Collected	Matrix
F-17-5.0	484468-001	05/02/23 14:43	Soil
F-17-10.0	484468-002	05/02/23 14:46	Soil
F-7-7.0	484468-003	05/03/23 08:53	Soil
F-7-15.0	484468-004	05/03/23 09:01	Soil
F-6-5.0	484468-005	05/03/23 10:43	Soil
F-6-7.0	484468-006	05/03/23 10:53	Soil
F-6-15.0	484468-007	05/03/23 11:42	Soil
F-6-17.0	484468-008	05/03/23 12:38	Soil
F-6-20.0	484468-009	05/03/23 12:47	Soil
F-6-10.0	484468-010	05/03/23 11:10	Soil

ENTHALPY ANALYTICAL

Case Narrative

Farallon Consulting	Lab Job Number: 484468
330 Franklin Street	Project No: 1363-005-006
Suite 200	Location: Brisbane Quarry
Oakland, CA 94612	Date Received: 05/03/23
Peter Sims	

This data package contains sample and QC results for seven soil samples, requested for the above referenced project on 05/03/23. The samples were received cold and intact.

TPH-Purgeables and/or BTXE by GC (EPA 8015B):
No analytical problems were encountered.

TPH-Extractables by GC (EPA 8015M):

- F-6-5.0 (lab # 484468-005) was diluted due to the dark color of the sample extract.
- No other analytical problems were encountered.

Volatile Organics by GC/MS (EPA 8260B):
No analytical problems were encountered.

Semivolatile Organics by GC/MS (EPA 8270C):
No analytical problems were encountered.

Semivolatile Organics by GC/MS SIM (EPA 8270C-SIM):

- High recoveries were observed for a number of analytes in the MSD of F-9-0.5 (lab # 484369-001); the LCS was within limits. High RPD was observed for fluoranthene and pyrene in the MS/MSD of F-9-0.5 (lab # 484369-001).
- F-7-7.0 (lab # 484468-003) was diluted due to the dark and viscous nature of the sample extract.
- No other analytical problems were encountered.

Metals (EPA 6010B and EPA 7471A):

- High response was observed for thallium in the ICV analyzed 05/05/23 09:09; affected data was qualified with "b".
- Low recoveries were observed for antimony in the MS/MSD for batch 313263; the parent sample was not a project sample, the LCS was within limits, and the associated RPD was within limits.
- No other analytical problems were encountered.

ENTHALPY ANALYTICAL

Chain of Custody Record

Lab No: 484468

Page: 1 of 1

Turn Around Time (rush by advanced notice only)

Standard:	✓	5 Day:		3 Day:	
2 Day:		1 Day:		Custom TAT:	

Enthalpy Analytical - Berkeley

2323 5th Street, Berkeley, CA 94710

Phone 510-486-0900

Matrix: A = Air S = Soil/Solid W = Water DW = Drinking Wate SD = Sediment PP = Pure Product SEA = Sea Water SW = Swab T = Tissue WP = Wipe O = Other

Preservatives: 1 = $Na_2S_2O_3$ 2 = HCl 3 = HNO_3 4 = H_2SO_4 5 = NaOH 6 = Other

Sample Receipt Temp: (lab use only)

CUSTOMER INFORMATION		PROJECT INFORMATION	
Company:	Farallon Consulting	Name:	Brisbane Quarry
Report To:	Peter Sims	Number:	1363-005-006
Email:	Psims@farallonconsulting.com	P.O. #:	
Address:	330 Franklin Street, Suite 200	Address:	1 Quarry Road
	Oakland, CA 94607		Brisbane, California 94005
Phone:	949-338-8317	Global ID:	
Fax:		Sampled By:	J DePriest/L. Mosqueda

	Sample ID	Sampling Date	Sampling Time	Matrix	Container No. / Size	Pres.	GRO by 8015M	DRO by 8015M	ORO by 8015M	VOCs by 8260B	SVOCs by 8270	PAHs by 8270	OCPs by 8081	PCBs by 8082	Title 22 Metals by 6010D/7471	Silica by 6010D	pH by 9045D	Asbestos by CARB 435	HOLD FOR ANALYSIS	Test Instructions / Comments
1	F-17-5.0	05/02/2023	1443	Soil	5, 1602 VOA	MeOH	✓	✓	✓	✓	✓				✓					
2	F-17-10.0	05/02/2023	1446		1, 1602	—									✓					
3	F-7-7.0	05/03/2023	0853		5, 1602 VOA	MeOH	✓	✓	✓	✓		✓								
4	F-7-15.0		0901		5, 1602 VOA		✓	✓	✓	✓		✓								
5	F-6-5.0		1043				✓	✓	✓	✓		✓								
6	F-6-7.0		10:53				✓	✓	✓	✓		LM							✓	Hold
7	F-6-15.0		11:42				✓	✓	✓	✓		✓								
8	F-6-17.0		1238																✓	
9	F-6-20.0		12:47																✓	
10	F-6-10.0	05/03/2023	11:10	Soil	5 1602 VOA		✓	✓	✓	✓		✓								

	Signature	Print Name	Company / Title	Date / Time
[1] Relinquished By:	Laura Mosqueda	Laura Mosqueda	Staff Geologist Farallon	05/03/2023 14:07
[1] Received By:	Audrey Hudson	Audrey Hudson	Enthalpy	5/3/23 14:07
[2] Relinquished By:	Audrey Hudson			5/3/23 15:45
[2] Received By:		JTP	Enthalpy	5.3.23 15:48
[3] Relinquished By:		(LEF) LeaFay	Enthalpy	5/3/23 16:35
[3] Received By:		Yanik	Eurofins	5/4/2023 10:15am

SAMPLE RECEIPT CHECKLIST

Section 1: Login # 484468 Client: Farallon

Date Received: 5/3/23 Project: _____

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Section 2: Shipping info (if applicable) _____

Are custody seals present? ☑ No, or ☐ Yes. If yes, where? ☐ on cooler, ☐ on samples, ☐ on package

☐ Date: _____ How many _____ ☐ Signature, ☐ Initials, ☐ None

Were custody seals intact upon arrival? ☐ Yes ☐ No ☐ N/A

Samples received in a cooler? ☑ Yes, how many? 1 ☐ No **(skip Section 3 below)**

If no cooler Sample Temp (°C): _____ using IR Gun # ☐ B, or ☐ C

☐ Samples received on ice directly from the field. Cooling process had begun

If in cooler: Date Opened 5/3/23 By (print) MM (sign) _____

Section 3: ***Important*: Notify PM if temperature exceeds 6°C or arrive frozen.**

Packing in cooler; (if other, describe) _____

☐ Bubble Wrap, ☐ Foam blocks, ☑ Bags, ☐ None, ☐ Cloth material, ☐ Cardboard, ☐ Styrofoam, ☐ Paper towels

☐ Samples received on ice directly from the field. Cooling process had begun

Type of ice used : ☑ Wet, ☐ Blue/Gel, ☐ None Temperature blank(s) included? ☐ Yes, ☐ No

Temperature measured using ☐ Thermometer ID: _____, or IR Gun # ☐ B ☐ C

Cooler Temp (°C): #1: 2.9, #2: _____, #3: _____, #4: _____, #5: _____, #6: _____, #7: _____

Section 4:	YES	NO	N/A
Were custody papers dry, filled out properly, and the project identifiable	✓		
Were Method 5035 sampling containers present?	✓		
If YES, what time were they transferred to freezer?			
Did all bottles arrive unbroken/unopened?	✓		
Are there any missing / extra samples?		✓	
Are samples in the appropriate containers for indicated tests?	✓		
Are sample labels present, in good condition and complete?	✓		
Does the container count match the COC?	✓		
Do the sample labels agree with custody papers?	✓		
Was sufficient amount of sample sent for tests requested?	✓		
Did you change the hold time in LIMS for unpreserved VOAs?			✓
Did you change the hold time in LIMS for preserved terracores?			✓
Are bubbles > 6mm present in VOA samples?			
Was the client contacted concerning this sample delivery?			
If YES, who was called? By Date:			

Section 5:	YES	NO	N/A
Are the samples appropriately preserved? (if N/A, skip the rest of section 5)			
Did you check preservatives for all bottles for each sample?			
Did you document your preservative check?			

pH strip lot# _____, pH strip lot# _____, pH strip lot# _____

Preservative added:

☐ H2SO4 lot# _____ added to samples _____ on/at _____

☐ HCL lot# _____ added to samples _____ on/at _____

☐ HNO3 lot# _____ added to samples _____ on/at _____

☐ NaOH lot# _____ added to samples _____ on/at _____

Section 6:

Explanations/Comments: _____

Date Logged In 5/3/23 **By (print)** MM **(sign)** _____

Date Labeled 5/3/23 **By (print)** VEP **(sign)** _____

ENTHALPY ANALYTICAL

484468

SAMPLE ACCEPTANCE CHECKLIST

Section 1

Client: Farallon Consulting Project: Brisbane Quarry

Date Received: 05/04/23 Sampler's Name Present: ☑ Yes ☐ No

Section 2

Sample(s) received in a cooler? ☑ Yes, How many? 1 ☐ No (skip section 2) Sample Temp (°C) (No Cooler) _____

Sample Temp (°C), One from each cooler: #1: 4.7 #2: _____ #3: _____ #4: _____

(Acceptance range is < 6°C but not frozen (for Microbiology samples, acceptance range is < 10°C but not frozen). It is acceptable for samples collected the same day as sample receipt to have a higher temperature as long as there is evidence that cooling hos begun.)

Shipping Information: Southwest Airlines

Section 3

Was the cooler packed with: ☑ Ice ☑ Ice Packs ☐ Bubble Wrap ☐ Styrofoam ☐ Paper ☐ None ☐ Other _____

Cooler Temp (°C): #1: 3.9 #2: _____ #3: _____ #4: _____

Section 4	YES	NO	N/A
Was a COC received?	✔		
Are sample IDs present?	✔		
Are sampling dates & times present?	✔		
Is a relinquished signature present?	✔		
Are the tests required clearly indicated on the COC?	✔		
Are custody seals present?	✔		
If custody seals are present, were they intact?	✔		
Are all samples sealed in plastic bags? (Recommended for Microbiology samples)			✔
Did all samples arrive intact? If no, indicate in Section 4 below.	✔		
Did all bottle labels agree with COC? (ID, dates and times)	✔		
Were the samples collected in the correct containers for the required tests?	✔		
Are the containers labeled with the correct preservatives?			✔
Is there headspace in the VOA vials greater than 5-6 mm in diameter?			✔
Was a sufficient amount of sample submitted for the requested tests?	✔		

Section 5 Explanations/Comments

Section 6

For discrepancies, how was the Project Manager notified? ☐ Verbal PM Initials: _____ Date/Time _____

☐ Email (email sent to/on): _____ / _____

Project Manager's response:

Completed By: _____ Date: MAY 04 2023

SOUTHWEST AIRLINES

Printed on:
03 MAY 18:45

526 OAK 8775 9453

SNA

PC# 3 OF 7

DG G

LOT WT 350 LB (158.8 KG)

OAK WN 2292 04 MAY 06:05

STN FLT DATE ETD LOT 01

PC ID: 0003
PC WT: 50LB

526 87759453 0003

S

ENTHALPY ANALYTICAL

Analysis Results for 484468

Peter Sims
Farallon Consulting
330 Franklin Street
Suite 200
Oakland, CA 94612

Lab Job #: 484468
Project No: 1363-005-006
Location: Brisbane Quarry
Date Received: 05/03/23

Sample ID: F-17-5.0 **Lab ID: 484468-001** **Collected: 05/02/23 14:43**
Matrix: Soil

484468-001 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 6010B Prep Method: EPA 3050B									
Antimony	ND		mg/Kg	2.9	0.98	313263	05/05/23	05/05/23	SBW
Arsenic	**4.0**		mg/Kg	0.98	0.98	313263	05/05/23	05/05/23	SBW
Barium	**82**		mg/Kg	0.98	0.98	313263	05/05/23	05/05/23	SBW
Beryllium	ND		mg/Kg	0.49	0.98	313263	05/05/23	05/05/23	SBW
Cadmium	ND		mg/Kg	0.49	0.98	313263	05/05/23	05/05/23	SBW
Chromium	**45**		mg/Kg	0.98	0.98	313263	05/05/23	05/05/23	SBW
Cobalt	**9.5**		mg/Kg	0.49	0.98	313263	05/05/23	05/05/23	SBW
Copper	**20**		mg/Kg	0.98	0.98	313263	05/05/23	05/05/23	SBW
Lead	**8.4**		mg/Kg	0.98	0.98	313263	05/05/23	05/05/23	SBW
Molybdenum	**1.3**		mg/Kg	0.98	0.98	313263	05/05/23	05/05/23	SBW
Nickel	**40**		mg/Kg	0.98	0.98	313263	05/05/23	05/05/23	SBW
Selenium	ND		mg/Kg	2.9	0.98	313263	05/05/23	05/05/23	SBW
Silver	ND		mg/Kg	0.49	0.98	313263	05/05/23	05/05/23	SBW
Thallium	ND		mg/Kg	2.9	0.98	313263	05/05/23	05/05/23	SBW
Vanadium	**50**		mg/Kg	0.98	0.98	313263	05/05/23	05/05/23	SBW
Zinc	**36**		mg/Kg	4.9	0.98	313263	05/05/23	05/05/23	SBW
Method: EPA 7471A Prep Method: METHOD									
Mercury	ND		mg/Kg	0.15	1.1	313400	05/08/23	05/08/23	KAM
Method: EPA 8015B Prep Method: EPA 5035									
TPH Gasoline	ND		mg/Kg	2.0	0.66	313445	05/09/23	05/09/23	ILK
Surrogates				**Limits**					
Bromofluorobenzene (FID)	74%		%REC	60-140	0.66	313445	05/09/23	05/09/23	ILK
Method: EPA 8015M Prep Method: EPA 3580M									
DRO C10-C28	**11**		mg/Kg	9.9	0.99	313265	05/05/23	05/06/23	BJG
ORO C28-C44	**25**		mg/Kg	20	0.99	313265	05/05/23	05/06/23	BJG
Surrogates				**Limits**					
n-Triacontane	86%		%REC	70-130	0.99	313265	05/05/23	05/06/23	BJG
Method: EPA 8260B Prep Method: EPA 5035									
Freon 12	ND		ug/Kg	3.2	0.64	313247	05/05/23	05/05/23	LYZ
Chloromethane	ND		ug/Kg	3.2	0.64	313247	05/05/23	05/05/23	LYZ

Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

Analysis Results for 484468

484468-001 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Vinyl Chloride	ND		ug/Kg	3.2	0.64	313247	05/05/23	05/05/23	LYZ
Bromomethane	ND		ug/Kg	3.2	0.64	313247	05/05/23	05/05/23	LYZ
Chloroethane	ND		ug/Kg	3.2	0.64	313247	05/05/23	05/05/23	LYZ
Trichlorofluoromethane	ND		ug/Kg	3.2	0.64	313247	05/05/23	05/05/23	LYZ
Acetone	ND		ug/Kg	64	0.64	313247	05/05/23	05/05/23	LYZ
Freon 113	ND		ug/Kg	3.2	0.64	313247	05/05/23	05/05/23	LYZ
1,1-Dichloroethene	ND		ug/Kg	3.2	0.64	313247	05/05/23	05/05/23	LYZ
Methylene Chloride	ND		ug/Kg	3.2	0.64	313247	05/05/23	05/05/23	LYZ
MTBE	ND		ug/Kg	3.2	0.64	313247	05/05/23	05/05/23	LYZ
trans-1,2-Dichloroethene	ND		ug/Kg	3.2	0.64	313247	05/05/23	05/05/23	LYZ
1,1-Dichloroethane	ND		ug/Kg	3.2	0.64	313247	05/05/23	05/05/23	LYZ
2-Butanone	ND		ug/Kg	64	0.64	313247	05/05/23	05/05/23	LYZ
cis-1,2-Dichloroethene	ND		ug/Kg	3.2	0.64	313247	05/05/23	05/05/23	LYZ
2,2-Dichloropropane	ND		ug/Kg	3.2	0.64	313247	05/05/23	05/05/23	LYZ
Chloroform	ND		ug/Kg	3.2	0.64	313247	05/05/23	05/05/23	LYZ
Bromochloromethane	ND		ug/Kg	3.2	0.64	313247	05/05/23	05/05/23	LYZ
1,1,1-Trichloroethane	ND		ug/Kg	3.2	0.64	313247	05/05/23	05/05/23	LYZ
1,1-Dichloropropene	ND		ug/Kg	3.2	0.64	313247	05/05/23	05/05/23	LYZ
Carbon Tetrachloride	ND		ug/Kg	3.2	0.64	313247	05/05/23	05/05/23	LYZ
1,2-Dichloroethane	ND		ug/Kg	3.2	0.64	313247	05/05/23	05/05/23	LYZ
Benzene	ND		ug/Kg	3.2	0.64	313247	05/05/23	05/05/23	LYZ
Trichloroethene	ND		ug/Kg	3.2	0.64	313247	05/05/23	05/05/23	LYZ
1,2-Dichloropropane	ND		ug/Kg	3.2	0.64	313247	05/05/23	05/05/23	LYZ
Bromodichloromethane	ND		ug/Kg	3.2	0.64	313247	05/05/23	05/05/23	LYZ
Dibromomethane	ND		ug/Kg	3.2	0.64	313247	05/05/23	05/05/23	LYZ
4-Methyl-2-Pentanone	ND		ug/Kg	5.2	0.64	313247	05/05/23	05/05/23	LYZ
cis-1,3-Dichloropropene	ND		ug/Kg	3.2	0.64	313247	05/05/23	05/05/23	LYZ
Toluene	ND		ug/Kg	3.2	0.64	313247	05/05/23	05/05/23	LYZ
trans-1,3-Dichloropropene	ND		ug/Kg	3.2	0.64	313247	05/05/23	05/05/23	LYZ
1,1,2-Trichloroethane	ND		ug/Kg	3.2	0.64	313247	05/05/23	05/05/23	LYZ
1,3-Dichloropropane	ND		ug/Kg	3.2	0.64	313247	05/05/23	05/05/23	LYZ
Tetrachloroethene	ND		ug/Kg	3.2	0.64	313247	05/05/23	05/05/23	LYZ
Dibromochloromethane	ND		ug/Kg	3.2	0.64	313247	05/05/23	05/05/23	LYZ
1,2-Dibromoethane	ND		ug/Kg	3.2	0.64	313247	05/05/23	05/05/23	LYZ
Chlorobenzene	ND		ug/Kg	3.2	0.64	313247	05/05/23	05/05/23	LYZ
1,1,1,2-Tetrachloroethane	ND		ug/Kg	3.2	0.64	313247	05/05/23	05/05/23	LYZ
Ethylbenzene	ND		ug/Kg	3.2	0.64	313247	05/05/23	05/05/23	LYZ
m,p-Xylenes	ND		ug/Kg	6.4	0.64	313247	05/05/23	05/05/23	LYZ
o-Xylene	ND		ug/Kg	3.2	0.64	313247	05/05/23	05/05/23	LYZ
Styrene	ND		ug/Kg	3.2	0.64	313247	05/05/23	05/05/23	LYZ
Bromoform	ND		ug/Kg	3.2	0.64	313247	05/05/23	05/05/23	LYZ
Isopropylbenzene	ND		ug/Kg	3.2	0.64	313247	05/05/23	05/05/23	LYZ
1,1,2,2-Tetrachloroethane	ND		ug/Kg	3.2	0.64	313247	05/05/23	05/05/23	LYZ
1,2,3-Trichloropropane	ND		ug/Kg	3.2	0.64	313247	05/05/23	05/05/23	LYZ
Propylbenzene	ND		ug/Kg	3.2	0.64	313247	05/05/23	05/05/23	LYZ
Bromobenzene	ND		ug/Kg	3.2	0.64	313247	05/05/23	05/05/23	LYZ

Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

Analysis Results for 484468

484468-001 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
1,3,5-Trimethylbenzene	ND		ug/Kg	3.2	0.64	313247	05/05/23	05/05/23	LYZ
2-Chlorotoluene	ND		ug/Kg	3.2	0.64	313247	05/05/23	05/05/23	LYZ
4-Chlorotoluene	ND		ug/Kg	3.2	0.64	313247	05/05/23	05/05/23	LYZ
tert-Butylbenzene	ND		ug/Kg	3.2	0.64	313247	05/05/23	05/05/23	LYZ
1,2,4-Trimethylbenzene	ND		ug/Kg	3.2	0.64	313247	05/05/23	05/05/23	LYZ
sec-Butylbenzene	ND		ug/Kg	3.2	0.64	313247	05/05/23	05/05/23	LYZ
para-Isopropyl Toluene	ND		ug/Kg	3.2	0.64	313247	05/05/23	05/05/23	LYZ
1,3-Dichlorobenzene	ND		ug/Kg	3.2	0.64	313247	05/05/23	05/05/23	LYZ
1,4-Dichlorobenzene	ND		ug/Kg	3.2	0.64	313247	05/05/23	05/05/23	LYZ
n-Butylbenzene	ND		ug/Kg	3.2	0.64	313247	05/05/23	05/05/23	LYZ
1,2-Dichlorobenzene	ND		ug/Kg	3.2	0.64	313247	05/05/23	05/05/23	LYZ
1,2-Dibromo-3-Chloropropane	ND		ug/Kg	3.2	0.64	313247	05/05/23	05/05/23	LYZ
1,2,4-Trichlorobenzene	ND		ug/Kg	3.2	0.64	313247	05/05/23	05/05/23	LYZ
Hexachlorobutadiene	ND		ug/Kg	3.2	0.64	313247	05/05/23	05/05/23	LYZ
Naphthalene	ND		ug/Kg	3.2	0.64	313247	05/05/23	05/05/23	LYZ
1,2,3-Trichlorobenzene	ND		ug/Kg	3.2	0.64	313247	05/05/23	05/05/23	LYZ
Surrogates				**Limits**					
Dibromofluoromethane	100%		%REC	70-145	0.64	313247	05/05/23	05/05/23	LYZ
1,2-Dichloroethane-d4	100%		%REC	70-145	0.64	313247	05/05/23	05/05/23	LYZ
Toluene-d8	108%		%REC	70-145	0.64	313247	05/05/23	05/05/23	LYZ
Bromofluorobenzene	103%		%REC	70-145	0.64	313247	05/05/23	05/05/23	LYZ
Method: EPA 8270C Prep Method: EPA 3546									
Carbazole	ND		ug/Kg	250	0.99	313221	05/04/23	05/05/23	VTN
1-Methylnaphthalene	ND		ug/Kg	250	0.99	313221	05/04/23	05/05/23	VTN
Pyridine	ND		ug/Kg	250	0.99	313221	05/04/23	05/05/23	VTN
N-Nitrosodimethylamine	ND		ug/Kg	250	0.99	313221	05/04/23	05/05/23	VTN
Phenol	ND		ug/Kg	250	0.99	313221	05/04/23	05/05/23	VTN
Aniline	ND		ug/Kg	250	0.99	313221	05/04/23	05/05/23	VTN
bis(2-Chloroethyl)ether	ND		ug/Kg	1,200	0.99	313221	05/04/23	05/05/23	VTN
2-Chlorophenol	ND		ug/Kg	250	0.99	313221	05/04/23	05/05/23	VTN
1,3-Dichlorobenzene	ND		ug/Kg	250	0.99	313221	05/04/23	05/05/23	VTN
1,4-Dichlorobenzene	ND		ug/Kg	250	0.99	313221	05/04/23	05/05/23	VTN
Benzyl alcohol	ND		ug/Kg	250	0.99	313221	05/04/23	05/05/23	VTN
1,2-Dichlorobenzene	ND		ug/Kg	250	0.99	313221	05/04/23	05/05/23	VTN
2-Methylphenol	ND		ug/Kg	250	0.99	313221	05/04/23	05/05/23	VTN
bis(2-Chloroisopropyl) ether	ND		ug/Kg	250	0.99	313221	05/04/23	05/05/23	VTN
3-,4-Methylphenol	ND		ug/Kg	400	0.99	313221	05/04/23	05/05/23	VTN
N-Nitroso-di-n-propylamine	ND		ug/Kg	250	0.99	313221	05/04/23	05/05/23	VTN
Hexachloroethane	ND		ug/Kg	250	0.99	313221	05/04/23	05/05/23	VTN
Nitrobenzene	ND		ug/Kg	1,200	0.99	313221	05/04/23	05/05/23	VTN
Isophorone	ND		ug/Kg	250	0.99	313221	05/04/23	05/05/23	VTN
2-Nitrophenol	ND		ug/Kg	250	0.99	313221	05/04/23	05/05/23	VTN
2,4-Dimethylphenol	ND		ug/Kg	250	0.99	313221	05/04/23	05/05/23	VTN
Benzoic acid	ND		ug/Kg	1,200	0.99	313221	05/04/23	05/05/23	VTN
bis(2-Chloroethoxy)methane	ND		ug/Kg	250	0.99	313221	05/04/23	05/05/23	VTN

Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

Analysis Results for 484468

484468-001 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
2,4-Dichlorophenol	ND		ug/Kg	250	0.99	313221	05/04/23	05/05/23	VTN
1,2,4-Trichlorobenzene	ND		ug/Kg	250	0.99	313221	05/04/23	05/05/23	VTN
Naphthalene	ND		ug/Kg	250	0.99	313221	05/04/23	05/05/23	VTN
4-Chloroaniline	ND		ug/Kg	250	0.99	313221	05/04/23	05/05/23	VTN
Hexachlorobutadiene	ND		ug/Kg	250	0.99	313221	05/04/23	05/05/23	VTN
4-Chloro-3-methylphenol	ND		ug/Kg	250	0.99	313221	05/04/23	05/05/23	VTN
2-Methylnaphthalene	ND		ug/Kg	250	0.99	313221	05/04/23	05/05/23	VTN
Hexachlorocyclopentadiene	ND		ug/Kg	1,200	0.99	313221	05/04/23	05/05/23	VTN
2,4,6-Trichlorophenol	ND		ug/Kg	250	0.99	313221	05/04/23	05/05/23	VTN
2,4,5-Trichlorophenol	ND		ug/Kg	250	0.99	313221	05/04/23	05/05/23	VTN
2-Chloronaphthalene	ND		ug/Kg	250	0.99	313221	05/04/23	05/05/23	VTN
2-Nitroaniline	ND		ug/Kg	250	0.99	313221	05/04/23	05/05/23	VTN
Dimethylphthalate	ND		ug/Kg	250	0.99	313221	05/04/23	05/05/23	VTN
Acenaphthylene	ND		ug/Kg	250	0.99	313221	05/04/23	05/05/23	VTN
2,6-Dinitrotoluene	ND		ug/Kg	250	0.99	313221	05/04/23	05/05/23	VTN
3-Nitroaniline	ND		ug/Kg	250	0.99	313221	05/04/23	05/05/23	VTN
Acenaphthene	ND		ug/Kg	250	0.99	313221	05/04/23	05/05/23	VTN
2,4-Dinitrophenol	ND		ug/Kg	1,200	0.99	313221	05/04/23	05/05/23	VTN
4-Nitrophenol	ND		ug/Kg	250	0.99	313221	05/04/23	05/05/23	VTN
Dibenzofuran	ND		ug/Kg	250	0.99	313221	05/04/23	05/05/23	VTN
2,4-Dinitrotoluene	ND		ug/Kg	250	0.99	313221	05/04/23	05/05/23	VTN
Diethylphthalate	ND		ug/Kg	250	0.99	313221	05/04/23	05/05/23	VTN
Fluorene	ND		ug/Kg	250	0.99	313221	05/04/23	05/05/23	VTN
4-Chlorophenyl-phenylether	ND		ug/Kg	250	0.99	313221	05/04/23	05/05/23	VTN
4-Nitroaniline	ND		ug/Kg	250	0.99	313221	05/04/23	05/05/23	VTN
4,6-Dinitro-2-methylphenol	ND		ug/Kg	250	0.99	313221	05/04/23	05/05/23	VTN
N-Nitrosodiphenylamine	ND		ug/Kg	250	0.99	313221	05/04/23	05/05/23	VTN
1,2-diphenylhydrazine (as azobenzene)	ND		ug/Kg	250	0.99	313221	05/04/23	05/05/23	VTN
4-Bromophenyl-phenylether	ND		ug/Kg	250	0.99	313221	05/04/23	05/05/23	VTN
Hexachlorobenzene	ND		ug/Kg	250	0.99	313221	05/04/23	05/05/23	VTN
Pentachlorophenol	ND		ug/Kg	1,200	0.99	313221	05/04/23	05/05/23	VTN
Phenanthrene	ND		ug/Kg	250	0.99	313221	05/04/23	05/05/23	VTN
Anthracene	ND		ug/Kg	250	0.99	313221	05/04/23	05/05/23	VTN
Di-n-butylphthalate	ND		ug/Kg	250	0.99	313221	05/04/23	05/05/23	VTN
Fluoranthene	ND		ug/Kg	250	0.99	313221	05/04/23	05/05/23	VTN
Benzidine	ND		ug/Kg	1,200	0.99	313221	05/04/23	05/05/23	VTN
Pyrene	ND		ug/Kg	250	0.99	313221	05/04/23	05/05/23	VTN
Butylbenzylphthalate	ND		ug/Kg	250	0.99	313221	05/04/23	05/05/23	VTN
3,3'-Dichlorobenzidine	ND		ug/Kg	1,200	0.99	313221	05/04/23	05/05/23	VTN
Benzo(a)anthracene	ND		ug/Kg	250	0.99	313221	05/04/23	05/05/23	VTN
Chrysene	ND		ug/Kg	250	0.99	313221	05/04/23	05/05/23	VTN
bis(2-Ethylhexyl)phthalate	ND		ug/Kg	250	0.99	313221	05/04/23	05/05/23	VTN
Di-n-octylphthalate	ND		ug/Kg	250	0.99	313221	05/04/23	05/05/23	VTN
Benzo(b)fluoranthene	ND		ug/Kg	250	0.99	313221	05/04/23	05/05/23	VTN
Benzo(k)fluoranthene	ND		ug/Kg	250	0.99	313221	05/04/23	05/05/23	VTN
Benzo(a)pyrene	ND		ug/Kg	250	0.99	313221	05/04/23	05/05/23	VTN

Results for any subcontracted analyses are not included in this section.

Analysis Results for 484468

484468-001 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Indeno(1,2,3-cd)pyrene	ND		ug/Kg	250	0.99	313221	05/04/23	05/05/23	VTN
Dibenz(a,h)anthracene	ND		ug/Kg	250	0.99	313221	05/04/23	05/05/23	VTN
Benzo(g,h,i)perylene	ND		ug/Kg	250	0.99	313221	05/04/23	05/05/23	VTN
Surrogates				**Limits**					
2-Fluorophenol	79%		%REC	29-120	0.99	313221	05/04/23	05/05/23	VTN
Phenol-d6	84%		%REC	30-120	0.99	313221	05/04/23	05/05/23	VTN
2,4,6-Tribromophenol	100%		%REC	32-120	0.99	313221	05/04/23	05/05/23	VTN
Nitrobenzene-d5	80%		%REC	33-120	0.99	313221	05/04/23	05/05/23	VTN
2-Fluorobiphenyl	79%		%REC	39-120	0.99	313221	05/04/23	05/05/23	VTN
Terphenyl-d14	92%		%REC	44-125	0.99	313221	05/04/23	05/05/23	VTN

Sample ID: F-17-10.0 **Lab ID: 484468-002** **Collected: 05/02/23 14:46**
Matrix: Soil

484468-002 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 6010B Prep Method: EPA 3050B									
Antimony	ND		mg/Kg	3.0	0.99	313263	05/05/23	05/05/23	SBW
Arsenic	**3.2**		mg/Kg	0.99	0.99	313263	05/05/23	05/05/23	SBW
Barium	**81**		mg/Kg	0.99	0.99	313263	05/05/23	05/05/23	SBW
Beryllium	ND		mg/Kg	0.50	0.99	313263	05/05/23	05/05/23	SBW
Cadmium	ND		mg/Kg	0.50	0.99	313263	05/05/23	05/05/23	SBW
Chromium	**49**		mg/Kg	0.99	0.99	313263	05/05/23	05/05/23	SBW
Cobalt	**9.0**		mg/Kg	0.50	0.99	313263	05/05/23	05/05/23	SBW
Copper	**17**		mg/Kg	0.99	0.99	313263	05/05/23	05/05/23	SBW
Lead	**6.0**		mg/Kg	0.99	0.99	313263	05/05/23	05/05/23	SBW
Molybdenum	**1.2**		mg/Kg	0.99	0.99	313263	05/05/23	05/05/23	SBW
Nickel	**38**		mg/Kg	0.99	0.99	313263	05/05/23	05/05/23	SBW
Selenium	ND		mg/Kg	3.0	0.99	313263	05/05/23	05/05/23	SBW
Silver	ND		mg/Kg	0.50	0.99	313263	05/05/23	05/05/23	SBW
Thallium	ND		mg/Kg	3.0	0.99	313263	05/05/23	05/05/23	SBW
Vanadium	**50**		mg/Kg	0.99	0.99	313263	05/05/23	05/05/23	SBW
Zinc	**31**		mg/Kg	5.0	0.99	313263	05/05/23	05/05/23	SBW
Method: EPA 7471A Prep Method: METHOD									
Mercury	ND		mg/Kg	0.15	1.1	313400	05/08/23	05/08/23	KAM

Results for any subcontracted analyses are not included in this section.

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Analysis Results for 484468

Sample ID: F-7-7.0	Lab ID: 484468-003	Collected: 05/03/23 08:53
	Matrix: Soil	

484468-003 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 8015B Prep Method: EPA 5035									
TPH Gasoline	ND		mg/Kg	2.7	0.88	313445	05/09/23	05/09/23	ILK
Surrogates				**Limits**					
Bromofluorobenzene (FID)	77%		%REC	60-140	0.88	313445	05/09/23	05/09/23	ILK
Method: EPA 8015M Prep Method: EPA 3580M									
DRO C10-C28	**34**		mg/Kg	9.9	0.99	313265	05/05/23	05/06/23	BJG
ORO C28-C44	**43**		mg/Kg	20	0.99	313265	05/05/23	05/06/23	BJG
Surrogates				**Limits**					
n-Triacontane	84%		%REC	70-130	0.99	313265	05/05/23	05/06/23	BJG
Method: EPA 8260B Prep Method: EPA 5035									
Freon 12	ND		ug/Kg	3.8	0.76	313247	05/05/23	05/05/23	LYZ
Chloromethane	ND		ug/Kg	3.8	0.76	313247	05/05/23	05/05/23	LYZ
Vinyl Chloride	ND		ug/Kg	3.8	0.76	313247	05/05/23	05/05/23	LYZ
Bromomethane	ND		ug/Kg	3.8	0.76	313247	05/05/23	05/05/23	LYZ
Chloroethane	ND		ug/Kg	3.8	0.76	313247	05/05/23	05/05/23	LYZ
Trichlorofluoromethane	ND		ug/Kg	3.8	0.76	313247	05/05/23	05/05/23	LYZ
Acetone	ND		ug/Kg	76	0.76	313247	05/05/23	05/05/23	LYZ
Freon 113	ND		ug/Kg	3.8	0.76	313247	05/05/23	05/05/23	LYZ
1,1-Dichloroethene	ND		ug/Kg	3.8	0.76	313247	05/05/23	05/05/23	LYZ
Methylene Chloride	ND		ug/Kg	3.8	0.76	313247	05/05/23	05/05/23	LYZ
MTBE	ND		ug/Kg	3.8	0.76	313247	05/05/23	05/05/23	LYZ
trans-1,2-Dichloroethene	ND		ug/Kg	3.8	0.76	313247	05/05/23	05/05/23	LYZ
1,1-Dichloroethane	ND		ug/Kg	3.8	0.76	313247	05/05/23	05/05/23	LYZ
2-Butanone	ND		ug/Kg	76	0.76	313247	05/05/23	05/05/23	LYZ
cis-1,2-Dichloroethene	ND		ug/Kg	3.8	0.76	313247	05/05/23	05/05/23	LYZ
2,2-Dichloropropane	ND		ug/Kg	3.8	0.76	313247	05/05/23	05/05/23	LYZ
Chloroform	ND		ug/Kg	3.8	0.76	313247	05/05/23	05/05/23	LYZ
Bromochloromethane	ND		ug/Kg	3.8	0.76	313247	05/05/23	05/05/23	LYZ
1,1,1-Trichloroethane	ND		ug/Kg	3.8	0.76	313247	05/05/23	05/05/23	LYZ
1,1-Dichloropropene	ND		ug/Kg	3.8	0.76	313247	05/05/23	05/05/23	LYZ
Carbon Tetrachloride	ND		ug/Kg	3.8	0.76	313247	05/05/23	05/05/23	LYZ
1,2-Dichloroethane	ND		ug/Kg	3.8	0.76	313247	05/05/23	05/05/23	LYZ
Benzene	ND		ug/Kg	3.8	0.76	313247	05/05/23	05/05/23	LYZ
Trichloroethene	ND		ug/Kg	3.8	0.76	313247	05/05/23	05/05/23	LYZ
1,2-Dichloropropane	ND		ug/Kg	3.8	0.76	313247	05/05/23	05/05/23	LYZ
Bromodichloromethane	ND		ug/Kg	3.8	0.76	313247	05/05/23	05/05/23	LYZ
Dibromomethane	ND		ug/Kg	3.8	0.76	313247	05/05/23	05/05/23	LYZ
4-Methyl-2-Pentanone	ND		ug/Kg	6.2	0.76	313247	05/05/23	05/05/23	LYZ
cis-1,3-Dichloropropene	ND		ug/Kg	3.8	0.76	313247	05/05/23	05/05/23	LYZ

Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

Analysis Results for 484468

484468-003 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Toluene	ND		ug/Kg	3.8	0.76	313247	05/05/23	05/05/23	LYZ
trans-1,3-Dichloropropene	ND		ug/Kg	3.8	0.76	313247	05/05/23	05/05/23	LYZ
1,1,2-Trichloroethane	ND		ug/Kg	3.8	0.76	313247	05/05/23	05/05/23	LYZ
1,3-Dichloropropane	ND		ug/Kg	3.8	0.76	313247	05/05/23	05/05/23	LYZ
Tetrachloroethene	ND		ug/Kg	3.8	0.76	313247	05/05/23	05/05/23	LYZ
Dibromochloromethane	ND		ug/Kg	3.8	0.76	313247	05/05/23	05/05/23	LYZ
1,2-Dibromoethane	ND		ug/Kg	3.8	0.76	313247	05/05/23	05/05/23	LYZ
Chlorobenzene	ND		ug/Kg	3.8	0.76	313247	05/05/23	05/05/23	LYZ
1,1,1,2-Tetrachloroethane	ND		ug/Kg	3.8	0.76	313247	05/05/23	05/05/23	LYZ
Ethylbenzene	ND		ug/Kg	3.8	0.76	313247	05/05/23	05/05/23	LYZ
m,p-Xylenes	ND		ug/Kg	7.6	0.76	313247	05/05/23	05/05/23	LYZ
o-Xylene	ND		ug/Kg	3.8	0.76	313247	05/05/23	05/05/23	LYZ
Styrene	ND		ug/Kg	3.8	0.76	313247	05/05/23	05/05/23	LYZ
Bromoform	ND		ug/Kg	3.8	0.76	313247	05/05/23	05/05/23	LYZ
Isopropylbenzene	ND		ug/Kg	3.8	0.76	313247	05/05/23	05/05/23	LYZ
1,1,2,2-Tetrachloroethane	ND		ug/Kg	3.8	0.76	313247	05/05/23	05/05/23	LYZ
1,2,3-Trichloropropane	ND		ug/Kg	3.8	0.76	313247	05/05/23	05/05/23	LYZ
Propylbenzene	ND		ug/Kg	3.8	0.76	313247	05/05/23	05/05/23	LYZ
Bromobenzene	ND		ug/Kg	3.8	0.76	313247	05/05/23	05/05/23	LYZ
1,3,5-Trimethylbenzene	ND		ug/Kg	3.8	0.76	313247	05/05/23	05/05/23	LYZ
2-Chlorotoluene	ND		ug/Kg	3.8	0.76	313247	05/05/23	05/05/23	LYZ
4-Chlorotoluene	ND		ug/Kg	3.8	0.76	313247	05/05/23	05/05/23	LYZ
tert-Butylbenzene	ND		ug/Kg	3.8	0.76	313247	05/05/23	05/05/23	LYZ
1,2,4-Trimethylbenzene	ND		ug/Kg	3.8	0.76	313247	05/05/23	05/05/23	LYZ
sec-Butylbenzene	ND		ug/Kg	3.8	0.76	313247	05/05/23	05/05/23	LYZ
para-Isopropyl Toluene	ND		ug/Kg	3.8	0.76	313247	05/05/23	05/05/23	LYZ
1,3-Dichlorobenzene	ND		ug/Kg	3.8	0.76	313247	05/05/23	05/05/23	LYZ
1,4-Dichlorobenzene	ND		ug/Kg	3.8	0.76	313247	05/05/23	05/05/23	LYZ
n-Butylbenzene	ND		ug/Kg	3.8	0.76	313247	05/05/23	05/05/23	LYZ
1,2-Dichlorobenzene	ND		ug/Kg	3.8	0.76	313247	05/05/23	05/05/23	LYZ
1,2-Dibromo-3-Chloropropane	ND		ug/Kg	3.8	0.76	313247	05/05/23	05/05/23	LYZ
1,2,4-Trichlorobenzene	ND		ug/Kg	3.8	0.76	313247	05/05/23	05/05/23	LYZ
Hexachlorobutadiene	ND		ug/Kg	3.8	0.76	313247	05/05/23	05/05/23	LYZ
Naphthalene	ND		ug/Kg	3.8	0.76	313247	05/05/23	05/05/23	LYZ
1,2,3-Trichlorobenzene	ND		ug/Kg	3.8	0.76	313247	05/05/23	05/05/23	LYZ
Surrogates				**Limits**					
Dibromofluoromethane	97%		%REC	70-145	0.76	313247	05/05/23	05/05/23	LYZ
1,2-Dichloroethane-d4	99%		%REC	70-145	0.76	313247	05/05/23	05/05/23	LYZ
Toluene-d8	100%		%REC	70-145	0.76	313247	05/05/23	05/05/23	LYZ
Bromofluorobenzene	99%		%REC	70-145	0.76	313247	05/05/23	05/05/23	LYZ
Method: EPA 8270C-SIM Prep Method: EPA 3546									
1-Methylnaphthalene	ND		ug/Kg	50	5	313222	05/04/23	05/05/23	VTN
2-Methylnaphthalene	ND		ug/Kg	50	5	313222	05/04/23	05/05/23	VTN
Naphthalene	ND		ug/Kg	50	5	313222	05/04/23	05/05/23	VTN
Acenaphthylene	ND		ug/Kg	50	5	313222	05/04/23	05/05/23	VTN

Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

Analysis Results for 484468

484468-003 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Acenaphthene	ND		ug/Kg	50	5	313222	05/04/23	05/05/23	VTN
Fluorene	ND		ug/Kg	50	5	313222	05/04/23	05/05/23	VTN
Phenanthrene	ND		ug/Kg	50	5	313222	05/04/23	05/05/23	VTN
Anthracene	ND		ug/Kg	50	5	313222	05/04/23	05/05/23	VTN
Fluoranthene	ND		ug/Kg	50	5	313222	05/04/23	05/05/23	VTN
Pyrene	ND		ug/Kg	50	5	313222	05/04/23	05/05/23	VTN
Benzo(a)anthracene	ND		ug/Kg	50	5	313222	05/04/23	05/05/23	VTN
Chrysene	ND		ug/Kg	50	5	313222	05/04/23	05/05/23	VTN
Benzo(b)fluoranthene	ND		ug/Kg	50	5	313222	05/04/23	05/05/23	VTN
Benzo(k)fluoranthene	ND		ug/Kg	50	5	313222	05/04/23	05/05/23	VTN
Benzo(a)pyrene	ND		ug/Kg	50	5	313222	05/04/23	05/05/23	VTN
Indeno(1,2,3-cd)pyrene	ND		ug/Kg	50	5	313222	05/04/23	05/05/23	VTN
Dibenz(a,h)anthracene	ND		ug/Kg	50	5	313222	05/04/23	05/05/23	VTN
Benzo(g,h,i)perylene	ND		ug/Kg	50	5	313222	05/04/23	05/05/23	VTN
Surrogates				**Limits**					
Nitrobenzene-d5	76%		%REC	27-125	5	313222	05/04/23	05/05/23	VTN
2-Fluorobiphenyl	75%		%REC	30-120	5	313222	05/04/23	05/05/23	VTN
Terphenyl-d14	86%		%REC	33-155	5	313222	05/04/23	05/05/23	VTN

Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

Analysis Results for 484468

Sample ID: F-7-15.0	Lab ID: 484468-004	Collected: 05/03/23 09:01
	Matrix: Soil	

484468-004 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 8015B Prep Method: EPA 5035									
TPH Gasoline	ND		mg/Kg	1.9	0.64	313445	05/09/23	05/09/23	ILK
Surrogates				**Limits**					
Bromofluorobenzene (FID)	78%		%REC	60-140	0.64	313445	05/09/23	05/09/23	ILK
Method: EPA 8015M Prep Method: EPA 3580M									
DRO C10-C28	ND		mg/Kg	10	1	313265	05/05/23	05/06/23	BJG
ORO C28-C44	ND		mg/Kg	20	1	313265	05/05/23	05/06/23	BJG
Surrogates				**Limits**					
n-Triacontane	87%		%REC	70-130	1	313265	05/05/23	05/06/23	BJG
Method: EPA 8260B Prep Method: EPA 5035									
Freon 12	ND		ug/Kg	3.3	0.66	313247	05/05/23	05/05/23	LYZ
Chloromethane	ND		ug/Kg	3.3	0.66	313247	05/05/23	05/05/23	LYZ
Vinyl Chloride	ND		ug/Kg	3.3	0.66	313247	05/05/23	05/05/23	LYZ
Bromomethane	ND		ug/Kg	3.3	0.66	313247	05/05/23	05/05/23	LYZ
Chloroethane	ND		ug/Kg	3.3	0.66	313247	05/05/23	05/05/23	LYZ
Trichlorofluoromethane	ND		ug/Kg	3.3	0.66	313247	05/05/23	05/05/23	LYZ
Acetone	ND		ug/Kg	66	0.66	313247	05/05/23	05/05/23	LYZ
Freon 113	ND		ug/Kg	3.3	0.66	313247	05/05/23	05/05/23	LYZ
1,1-Dichloroethene	ND		ug/Kg	3.3	0.66	313247	05/05/23	05/05/23	LYZ
Methylene Chloride	ND		ug/Kg	3.3	0.66	313247	05/05/23	05/05/23	LYZ
MTBE	ND		ug/Kg	3.3	0.66	313247	05/05/23	05/05/23	LYZ
trans-1,2-Dichloroethene	ND		ug/Kg	3.3	0.66	313247	05/05/23	05/05/23	LYZ
1,1-Dichloroethane	ND		ug/Kg	3.3	0.66	313247	05/05/23	05/05/23	LYZ
2-Butanone	ND		ug/Kg	66	0.66	313247	05/05/23	05/05/23	LYZ
cis-1,2-Dichloroethene	ND		ug/Kg	3.3	0.66	313247	05/05/23	05/05/23	LYZ
2,2-Dichloropropane	ND		ug/Kg	3.3	0.66	313247	05/05/23	05/05/23	LYZ
Chloroform	ND		ug/Kg	3.3	0.66	313247	05/05/23	05/05/23	LYZ
Bromochloromethane	ND		ug/Kg	3.3	0.66	313247	05/05/23	05/05/23	LYZ
1,1,1-Trichloroethane	ND		ug/Kg	3.3	0.66	313247	05/05/23	05/05/23	LYZ
1,1-Dichloropropene	ND		ug/Kg	3.3	0.66	313247	05/05/23	05/05/23	LYZ
Carbon Tetrachloride	ND		ug/Kg	3.3	0.66	313247	05/05/23	05/05/23	LYZ
1,2-Dichloroethane	ND		ug/Kg	3.3	0.66	313247	05/05/23	05/05/23	LYZ
Benzene	ND		ug/Kg	3.3	0.66	313247	05/05/23	05/05/23	LYZ
Trichloroethene	ND		ug/Kg	3.3	0.66	313247	05/05/23	05/05/23	LYZ
1,2-Dichloropropane	ND		ug/Kg	3.3	0.66	313247	05/05/23	05/05/23	LYZ
Bromodichloromethane	ND		ug/Kg	3.3	0.66	313247	05/05/23	05/05/23	LYZ
Dibromomethane	ND		ug/Kg	3.3	0.66	313247	05/05/23	05/05/23	LYZ
4-Methyl-2-Pentanone	ND		ug/Kg	5.4	0.66	313247	05/05/23	05/05/23	LYZ
cis-1,3-Dichloropropene	ND		ug/Kg	3.3	0.66	313247	05/05/23	05/05/23	LYZ

Results for any subcontracted analyses are not included in this section.

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Analysis Results for 484468

484468-004 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Toluene	ND		ug/Kg	3.3	0.66	313247	05/05/23	05/05/23	LYZ
trans-1,3-Dichloropropene	ND		ug/Kg	3.3	0.66	313247	05/05/23	05/05/23	LYZ
1,1,2-Trichloroethane	ND		ug/Kg	3.3	0.66	313247	05/05/23	05/05/23	LYZ
1,3-Dichloropropane	ND		ug/Kg	3.3	0.66	313247	05/05/23	05/05/23	LYZ
Tetrachloroethene	ND		ug/Kg	3.3	0.66	313247	05/05/23	05/05/23	LYZ
Dibromochloromethane	ND		ug/Kg	3.3	0.66	313247	05/05/23	05/05/23	LYZ
1,2-Dibromoethane	ND		ug/Kg	3.3	0.66	313247	05/05/23	05/05/23	LYZ
Chlorobenzene	ND		ug/Kg	3.3	0.66	313247	05/05/23	05/05/23	LYZ
1,1,1,2-Tetrachloroethane	ND		ug/Kg	3.3	0.66	313247	05/05/23	05/05/23	LYZ
Ethylbenzene	ND		ug/Kg	3.3	0.66	313247	05/05/23	05/05/23	LYZ
m,p-Xylenes	ND		ug/Kg	6.6	0.66	313247	05/05/23	05/05/23	LYZ
o-Xylene	ND		ug/Kg	3.3	0.66	313247	05/05/23	05/05/23	LYZ
Styrene	ND		ug/Kg	3.3	0.66	313247	05/05/23	05/05/23	LYZ
Bromoform	ND		ug/Kg	3.3	0.66	313247	05/05/23	05/05/23	LYZ
Isopropylbenzene	ND		ug/Kg	3.3	0.66	313247	05/05/23	05/05/23	LYZ
1,1,2,2-Tetrachloroethane	ND		ug/Kg	3.3	0.66	313247	05/05/23	05/05/23	LYZ
1,2,3-Trichloropropane	ND		ug/Kg	3.3	0.66	313247	05/05/23	05/05/23	LYZ
Propylbenzene	ND		ug/Kg	3.3	0.66	313247	05/05/23	05/05/23	LYZ
Bromobenzene	ND		ug/Kg	3.3	0.66	313247	05/05/23	05/05/23	LYZ
1,3,5-Trimethylbenzene	ND		ug/Kg	3.3	0.66	313247	05/05/23	05/05/23	LYZ
2-Chlorotoluene	ND		ug/Kg	3.3	0.66	313247	05/05/23	05/05/23	LYZ
4-Chlorotoluene	ND		ug/Kg	3.3	0.66	313247	05/05/23	05/05/23	LYZ
tert-Butylbenzene	ND		ug/Kg	3.3	0.66	313247	05/05/23	05/05/23	LYZ
1,2,4-Trimethylbenzene	ND		ug/Kg	3.3	0.66	313247	05/05/23	05/05/23	LYZ
sec-Butylbenzene	ND		ug/Kg	3.3	0.66	313247	05/05/23	05/05/23	LYZ
para-Isopropyl Toluene	ND		ug/Kg	3.3	0.66	313247	05/05/23	05/05/23	LYZ
1,3-Dichlorobenzene	ND		ug/Kg	3.3	0.66	313247	05/05/23	05/05/23	LYZ
1,4-Dichlorobenzene	ND		ug/Kg	3.3	0.66	313247	05/05/23	05/05/23	LYZ
n-Butylbenzene	ND		ug/Kg	3.3	0.66	313247	05/05/23	05/05/23	LYZ
1,2-Dichlorobenzene	ND		ug/Kg	3.3	0.66	313247	05/05/23	05/05/23	LYZ
1,2-Dibromo-3-Chloropropane	ND		ug/Kg	3.3	0.66	313247	05/05/23	05/05/23	LYZ
1,2,4-Trichlorobenzene	ND		ug/Kg	3.3	0.66	313247	05/05/23	05/05/23	LYZ
Hexachlorobutadiene	ND		ug/Kg	3.3	0.66	313247	05/05/23	05/05/23	LYZ
Naphthalene	ND		ug/Kg	3.3	0.66	313247	05/05/23	05/05/23	LYZ
1,2,3-Trichlorobenzene	ND		ug/Kg	3.3	0.66	313247	05/05/23	05/05/23	LYZ
Surrogates				**Limits**					
Dibromofluoromethane	102%		%REC	70-145	0.66	313247	05/05/23	05/05/23	LYZ
1,2-Dichloroethane-d4	102%		%REC	70-145	0.66	313247	05/05/23	05/05/23	LYZ
Toluene-d8	102%		%REC	70-145	0.66	313247	05/05/23	05/05/23	LYZ
Bromofluorobenzene	95%		%REC	70-145	0.66	313247	05/05/23	05/05/23	LYZ
Method: EPA 8270C-SIM Prep Method: EPA 3546									
1-Methylnaphthalene	ND		ug/Kg	10	1	313222	05/04/23	05/05/23	VTN
2-Methylnaphthalene	ND		ug/Kg	10	1	313222	05/04/23	05/05/23	VTN
Naphthalene	ND		ug/Kg	10	1	313222	05/04/23	05/05/23	VTN
Acenaphthylene	ND		ug/Kg	10	1	313222	05/04/23	05/05/23	VTN

Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

Analysis Results for 484468

484468-004 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Acenaphthene	ND		ug/Kg	10	1	313222	05/04/23	05/05/23	VTN
Fluorene	ND		ug/Kg	10	1	313222	05/04/23	05/05/23	VTN
Phenanthrene	ND		ug/Kg	10	1	313222	05/04/23	05/05/23	VTN
Anthracene	ND		ug/Kg	10	1	313222	05/04/23	05/05/23	VTN
Fluoranthene	ND		ug/Kg	10	1	313222	05/04/23	05/05/23	VTN
Pyrene	ND		ug/Kg	10	1	313222	05/04/23	05/05/23	VTN
Benzo(a)anthracene	ND		ug/Kg	10	1	313222	05/04/23	05/05/23	VTN
Chrysene	ND		ug/Kg	10	1	313222	05/04/23	05/05/23	VTN
Benzo(b)fluoranthene	ND		ug/Kg	10	1	313222	05/04/23	05/05/23	VTN
Benzo(k)fluoranthene	ND		ug/Kg	10	1	313222	05/04/23	05/05/23	VTN
Benzo(a)pyrene	ND		ug/Kg	10	1	313222	05/04/23	05/05/23	VTN
Indeno(1,2,3-cd)pyrene	ND		ug/Kg	10	1	313222	05/04/23	05/05/23	VTN
Dibenz(a,h)anthracene	ND		ug/Kg	10	1	313222	05/04/23	05/05/23	VTN
Benzo(g,h,i)perylene	ND		ug/Kg	10	1	313222	05/04/23	05/05/23	VTN
Surrogates				**Limits**					
Nitrobenzene-d5	75%		%REC	27-125	1	313222	05/04/23	05/05/23	VTN
2-Fluorobiphenyl	72%		%REC	30-120	1	313222	05/04/23	05/05/23	VTN
Terphenyl-d14	90%		%REC	33-155	1	313222	05/04/23	05/05/23	VTN

Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

Analysis Results for 484468

Sample ID: F-6-5.0	Lab ID: 484468-005	Collected: 05/03/23 10:43
	Matrix: Soil	

484468-005 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 8015B Prep Method: EPA 5035									
TPH Gasoline	ND		mg/Kg	2.1	0.69	313445	05/09/23	05/09/23	ILK
Surrogates				**Limits**					
Bromofluorobenzene (FID)	77%		%REC	60-140	0.69	313445	05/09/23	05/09/23	ILK
Method: EPA 8015M Prep Method: EPA 3580M									
DRO C10-C28	**1,500**		mg/Kg	50	5	313265	05/05/23	05/08/23	BJG
ORO C28-C44	**110**		mg/Kg	99	5	313265	05/05/23	05/08/23	BJG
Surrogates				**Limits**					
n-Triacontane		DO	%REC	70-130	5	313265	05/05/23	05/08/23	BJG
Method: EPA 8260B Prep Method: EPA 5035									
Freon 12	ND		ug/Kg	3.9	0.78	313247	05/05/23	05/05/23	LYZ
Chloromethane	ND		ug/Kg	3.9	0.78	313247	05/05/23	05/05/23	LYZ
Vinyl Chloride	ND		ug/Kg	3.9	0.78	313247	05/05/23	05/05/23	LYZ
Bromomethane	ND		ug/Kg	3.9	0.78	313247	05/05/23	05/05/23	LYZ
Chloroethane	ND		ug/Kg	3.9	0.78	313247	05/05/23	05/05/23	LYZ
Trichlorofluoromethane	ND		ug/Kg	3.9	0.78	313247	05/05/23	05/05/23	LYZ
Acetone	ND		ug/Kg	78	0.78	313247	05/05/23	05/05/23	LYZ
Freon 113	ND		ug/Kg	3.9	0.78	313247	05/05/23	05/05/23	LYZ
1,1-Dichloroethene	ND		ug/Kg	3.9	0.78	313247	05/05/23	05/05/23	LYZ
Methylene Chloride	ND		ug/Kg	3.9	0.78	313247	05/05/23	05/05/23	LYZ
MTBE	ND		ug/Kg	3.9	0.78	313247	05/05/23	05/05/23	LYZ
trans-1,2-Dichloroethene	ND		ug/Kg	3.9	0.78	313247	05/05/23	05/05/23	LYZ
1,1-Dichloroethane	ND		ug/Kg	3.9	0.78	313247	05/05/23	05/05/23	LYZ
2-Butanone	ND		ug/Kg	78	0.78	313247	05/05/23	05/05/23	LYZ
cis-1,2-Dichloroethene	ND		ug/Kg	3.9	0.78	313247	05/05/23	05/05/23	LYZ
2,2-Dichloropropane	ND		ug/Kg	3.9	0.78	313247	05/05/23	05/05/23	LYZ
Chloroform	ND		ug/Kg	3.9	0.78	313247	05/05/23	05/05/23	LYZ
Bromochloromethane	ND		ug/Kg	3.9	0.78	313247	05/05/23	05/05/23	LYZ
1,1,1-Trichloroethane	ND		ug/Kg	3.9	0.78	313247	05/05/23	05/05/23	LYZ
1,1-Dichloropropene	ND		ug/Kg	3.9	0.78	313247	05/05/23	05/05/23	LYZ
Carbon Tetrachloride	ND		ug/Kg	3.9	0.78	313247	05/05/23	05/05/23	LYZ
1,2-Dichloroethane	ND		ug/Kg	3.9	0.78	313247	05/05/23	05/05/23	LYZ
Benzene	ND		ug/Kg	3.9	0.78	313247	05/05/23	05/05/23	LYZ
Trichloroethene	ND		ug/Kg	3.9	0.78	313247	05/05/23	05/05/23	LYZ
1,2-Dichloropropane	ND		ug/Kg	3.9	0.78	313247	05/05/23	05/05/23	LYZ
Bromodichloromethane	ND		ug/Kg	3.9	0.78	313247	05/05/23	05/05/23	LYZ
Dibromomethane	ND		ug/Kg	3.9	0.78	313247	05/05/23	05/05/23	LYZ
4-Methyl-2-Pentanone	ND		ug/Kg	6.4	0.78	313247	05/05/23	05/05/23	LYZ
cis-1,3-Dichloropropene	ND		ug/Kg	3.9	0.78	313247	05/05/23	05/05/23	LYZ

Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

Analysis Results for 484468

484468-005 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Toluene	ND		ug/Kg	3.9	0.78	313247	05/05/23	05/05/23	LYZ
trans-1,3-Dichloropropene	ND		ug/Kg	3.9	0.78	313247	05/05/23	05/05/23	LYZ
1,1,2-Trichloroethane	ND		ug/Kg	3.9	0.78	313247	05/05/23	05/05/23	LYZ
1,3-Dichloropropane	ND		ug/Kg	3.9	0.78	313247	05/05/23	05/05/23	LYZ
Tetrachloroethene	ND		ug/Kg	3.9	0.78	313247	05/05/23	05/05/23	LYZ
Dibromochloromethane	ND		ug/Kg	3.9	0.78	313247	05/05/23	05/05/23	LYZ
1,2-Dibromoethane	ND		ug/Kg	3.9	0.78	313247	05/05/23	05/05/23	LYZ
Chlorobenzene	ND		ug/Kg	3.9	0.78	313247	05/05/23	05/05/23	LYZ
1,1,1,2-Tetrachloroethane	ND		ug/Kg	3.9	0.78	313247	05/05/23	05/05/23	LYZ
Ethylbenzene	ND		ug/Kg	3.9	0.78	313247	05/05/23	05/05/23	LYZ
m,p-Xylenes	ND		ug/Kg	7.8	0.78	313247	05/05/23	05/05/23	LYZ
o-Xylene	ND		ug/Kg	3.9	0.78	313247	05/05/23	05/05/23	LYZ
Styrene	ND		ug/Kg	3.9	0.78	313247	05/05/23	05/05/23	LYZ
Bromoform	ND		ug/Kg	3.9	0.78	313247	05/05/23	05/05/23	LYZ
Isopropylbenzene	ND		ug/Kg	3.9	0.78	313247	05/05/23	05/05/23	LYZ
1,1,2,2-Tetrachloroethane	ND		ug/Kg	3.9	0.78	313247	05/05/23	05/05/23	LYZ
1,2,3-Trichloropropane	ND		ug/Kg	3.9	0.78	313247	05/05/23	05/05/23	LYZ
Propylbenzene	ND		ug/Kg	3.9	0.78	313247	05/05/23	05/05/23	LYZ
Bromobenzene	ND		ug/Kg	3.9	0.78	313247	05/05/23	05/05/23	LYZ
1,3,5-Trimethylbenzene	ND		ug/Kg	3.9	0.78	313247	05/05/23	05/05/23	LYZ
2-Chlorotoluene	ND		ug/Kg	3.9	0.78	313247	05/05/23	05/05/23	LYZ
4-Chlorotoluene	ND		ug/Kg	3.9	0.78	313247	05/05/23	05/05/23	LYZ
tert-Butylbenzene	ND		ug/Kg	3.9	0.78	313247	05/05/23	05/05/23	LYZ
1,2,4-Trimethylbenzene	ND		ug/Kg	3.9	0.78	313247	05/05/23	05/05/23	LYZ
sec-Butylbenzene	ND		ug/Kg	3.9	0.78	313247	05/05/23	05/05/23	LYZ
para-Isopropyl Toluene	ND		ug/Kg	3.9	0.78	313247	05/05/23	05/05/23	LYZ
1,3-Dichlorobenzene	ND		ug/Kg	3.9	0.78	313247	05/05/23	05/05/23	LYZ
1,4-Dichlorobenzene	ND		ug/Kg	3.9	0.78	313247	05/05/23	05/05/23	LYZ
n-Butylbenzene	ND		ug/Kg	3.9	0.78	313247	05/05/23	05/05/23	LYZ
1,2-Dichlorobenzene	ND		ug/Kg	3.9	0.78	313247	05/05/23	05/05/23	LYZ
1,2-Dibromo-3-Chloropropane	ND		ug/Kg	3.9	0.78	313247	05/05/23	05/05/23	LYZ
1,2,4-Trichlorobenzene	ND		ug/Kg	3.9	0.78	313247	05/05/23	05/05/23	LYZ
Hexachlorobutadiene	ND		ug/Kg	3.9	0.78	313247	05/05/23	05/05/23	LYZ
Naphthalene	ND		ug/Kg	3.9	0.78	313247	05/05/23	05/05/23	LYZ
1,2,3-Trichlorobenzene	ND		ug/Kg	3.9	0.78	313247	05/05/23	05/05/23	LYZ
Surrogates				**Limits**					
Dibromofluoromethane	100%		%REC	70-145	0.78	313247	05/05/23	05/05/23	LYZ
1,2-Dichloroethane-d4	97%		%REC	70-145	0.78	313247	05/05/23	05/05/23	LYZ
Toluene-d8	90%		%REC	70-145	0.78	313247	05/05/23	05/05/23	LYZ
Bromofluorobenzene	104%		%REC	70-145	0.78	313247	05/05/23	05/05/23	LYZ
Method: EPA 8270C-SIM Prep Method: EPA 3546									
1-Methylnaphthalene	**51**		ug/Kg	10	1	313222	05/04/23	05/05/23	VTN
2-Methylnaphthalene	**97**		ug/Kg	10	1	313222	05/04/23	05/05/23	VTN
Naphthalene	**24**		ug/Kg	10	1	313222	05/04/23	05/05/23	VTN
Acenaphthylene	**14**		ug/Kg	10	1	313222	05/04/23	05/05/23	VTN

Results for any subcontracted analyses are not included in this section.

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Analysis Results for 484468

484468-005 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Acenaphthene	ND		ug/Kg	10	1	313222	05/04/23	05/05/23	VTN
Fluorene	**18**		ug/Kg	10	1	313222	05/04/23	05/05/23	VTN
Phenanthrene	**78**		ug/Kg	10	1	313222	05/04/23	05/05/23	VTN
Anthracene	ND		ug/Kg	10	1	313222	05/04/23	05/05/23	VTN
Fluoranthene	ND		ug/Kg	10	1	313222	05/04/23	05/05/23	VTN
Pyrene	**17**		ug/Kg	10	1	313222	05/04/23	05/05/23	VTN
Benzo(a)anthracene	ND		ug/Kg	10	1	313222	05/04/23	05/05/23	VTN
Chrysene	**23**		ug/Kg	10	1	313222	05/04/23	05/05/23	VTN
Benzo(b)fluoranthene	ND		ug/Kg	10	1	313222	05/04/23	05/05/23	VTN
Benzo(k)fluoranthene	ND		ug/Kg	10	1	313222	05/04/23	05/05/23	VTN
Benzo(a)pyrene	ND		ug/Kg	10	1	313222	05/04/23	05/05/23	VTN
Indeno(1,2,3-cd)pyrene	ND		ug/Kg	10	1	313222	05/04/23	05/05/23	VTN
Dibenz(a,h)anthracene	ND		ug/Kg	10	1	313222	05/04/23	05/05/23	VTN
Benzo(g,h,i)perylene	ND		ug/Kg	10	1	313222	05/04/23	05/05/23	VTN
Surrogates				**Limits**					
Nitrobenzene-d5	89%		%REC	27-125	1	313222	05/04/23	05/05/23	VTN
2-Fluorobiphenyl	82%		%REC	30-120	1	313222	05/04/23	05/05/23	VTN
Terphenyl-d14	93%		%REC	33-155	1	313222	05/04/23	05/05/23	VTN

Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

Analysis Results for 484468

Sample ID: F-6-15.0	Lab ID: 484468-007	Collected: 05/03/23 11:42
	Matrix: Soil	

484468-007 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 8015B Prep Method: EPA 5035									
TPH Gasoline	ND		mg/Kg	1.8	0.61	313445	05/09/23	05/09/23	ILK
Surrogates				**Limits**					
Bromofluorobenzene (FID)	82%		%REC	60-140	0.61	313445	05/09/23	05/09/23	ILK
Method: EPA 8015M Prep Method: EPA 3580M									
DRO C10-C28	ND		mg/Kg	10	1	313265	05/05/23	05/06/23	BJG
ORO C28-C44	ND		mg/Kg	20	1	313265	05/05/23	05/06/23	BJG
Surrogates				**Limits**					
n-Triacontane	87%		%REC	70-130	1	313265	05/05/23	05/06/23	BJG
Method: EPA 8260B Prep Method: EPA 5035									
Freon 12	ND		ug/Kg	3.0	0.6	313247	05/05/23	05/05/23	LYZ
Chloromethane	ND		ug/Kg	3.0	0.6	313247	05/05/23	05/05/23	LYZ
Vinyl Chloride	ND		ug/Kg	3.0	0.6	313247	05/05/23	05/05/23	LYZ
Bromomethane	ND		ug/Kg	3.0	0.6	313247	05/05/23	05/05/23	LYZ
Chloroethane	ND		ug/Kg	3.0	0.6	313247	05/05/23	05/05/23	LYZ
Trichlorofluoromethane	ND		ug/Kg	3.0	0.6	313247	05/05/23	05/05/23	LYZ
Acetone	ND		ug/Kg	60	0.6	313247	05/05/23	05/05/23	LYZ
Freon 113	ND		ug/Kg	3.0	0.6	313247	05/05/23	05/05/23	LYZ
1,1-Dichloroethene	ND		ug/Kg	3.0	0.6	313247	05/05/23	05/05/23	LYZ
Methylene Chloride	ND		ug/Kg	3.0	0.6	313247	05/05/23	05/05/23	LYZ
MTBE	ND		ug/Kg	3.0	0.6	313247	05/05/23	05/05/23	LYZ
trans-1,2-Dichloroethene	ND		ug/Kg	3.0	0.6	313247	05/05/23	05/05/23	LYZ
1,1-Dichloroethane	ND		ug/Kg	3.0	0.6	313247	05/05/23	05/05/23	LYZ
2-Butanone	ND		ug/Kg	60	0.6	313247	05/05/23	05/05/23	LYZ
cis-1,2-Dichloroethene	ND		ug/Kg	3.0	0.6	313247	05/05/23	05/05/23	LYZ
2,2-Dichloropropane	ND		ug/Kg	3.0	0.6	313247	05/05/23	05/05/23	LYZ
Chloroform	ND		ug/Kg	3.0	0.6	313247	05/05/23	05/05/23	LYZ
Bromochloromethane	ND		ug/Kg	3.0	0.6	313247	05/05/23	05/05/23	LYZ
1,1,1-Trichloroethane	ND		ug/Kg	3.0	0.6	313247	05/05/23	05/05/23	LYZ
1,1-Dichloropropene	ND		ug/Kg	3.0	0.6	313247	05/05/23	05/05/23	LYZ
Carbon Tetrachloride	ND		ug/Kg	3.0	0.6	313247	05/05/23	05/05/23	LYZ
1,2-Dichloroethane	ND		ug/Kg	3.0	0.6	313247	05/05/23	05/05/23	LYZ
Benzene	ND		ug/Kg	3.0	0.6	313247	05/05/23	05/05/23	LYZ
Trichloroethene	ND		ug/Kg	3.0	0.6	313247	05/05/23	05/05/23	LYZ
1,2-Dichloropropane	ND		ug/Kg	3.0	0.6	313247	05/05/23	05/05/23	LYZ
Bromodichloromethane	ND		ug/Kg	3.0	0.6	313247	05/05/23	05/05/23	LYZ
Dibromomethane	ND		ug/Kg	3.0	0.6	313247	05/05/23	05/05/23	LYZ
4-Methyl-2-Pentanone	ND		ug/Kg	4.9	0.6	313247	05/05/23	05/05/23	LYZ
cis-1,3-Dichloropropene	ND		ug/Kg	3.0	0.6	313247	05/05/23	05/05/23	LYZ

Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

Analysis Results for 484468

484468-007 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Toluene	ND		ug/Kg	3.0	0.6	313247	05/05/23	05/05/23	LYZ
trans-1,3-Dichloropropene	ND		ug/Kg	3.0	0.6	313247	05/05/23	05/05/23	LYZ
1,1,2-Trichloroethane	ND		ug/Kg	3.0	0.6	313247	05/05/23	05/05/23	LYZ
1,3-Dichloropropane	ND		ug/Kg	3.0	0.6	313247	05/05/23	05/05/23	LYZ
Tetrachloroethene	ND		ug/Kg	3.0	0.6	313247	05/05/23	05/05/23	LYZ
Dibromochloromethane	ND		ug/Kg	3.0	0.6	313247	05/05/23	05/05/23	LYZ
1,2-Dibromoethane	ND		ug/Kg	3.0	0.6	313247	05/05/23	05/05/23	LYZ
Chlorobenzene	ND		ug/Kg	3.0	0.6	313247	05/05/23	05/05/23	LYZ
1,1,1,2-Tetrachloroethane	ND		ug/Kg	3.0	0.6	313247	05/05/23	05/05/23	LYZ
Ethylbenzene	ND		ug/Kg	3.0	0.6	313247	05/05/23	05/05/23	LYZ
m,p-Xylenes	ND		ug/Kg	6.0	0.6	313247	05/05/23	05/05/23	LYZ
o-Xylene	ND		ug/Kg	3.0	0.6	313247	05/05/23	05/05/23	LYZ
Styrene	ND		ug/Kg	3.0	0.6	313247	05/05/23	05/05/23	LYZ
Bromoform	ND		ug/Kg	3.0	0.6	313247	05/05/23	05/05/23	LYZ
Isopropylbenzene	ND		ug/Kg	3.0	0.6	313247	05/05/23	05/05/23	LYZ
1,1,2,2-Tetrachloroethane	ND		ug/Kg	3.0	0.6	313247	05/05/23	05/05/23	LYZ
1,2,3-Trichloropropane	ND		ug/Kg	3.0	0.6	313247	05/05/23	05/05/23	LYZ
Propylbenzene	ND		ug/Kg	3.0	0.6	313247	05/05/23	05/05/23	LYZ
Bromobenzene	ND		ug/Kg	3.0	0.6	313247	05/05/23	05/05/23	LYZ
1,3,5-Trimethylbenzene	ND		ug/Kg	3.0	0.6	313247	05/05/23	05/05/23	LYZ
2-Chlorotoluene	ND		ug/Kg	3.0	0.6	313247	05/05/23	05/05/23	LYZ
4-Chlorotoluene	ND		ug/Kg	3.0	0.6	313247	05/05/23	05/05/23	LYZ
tert-Butylbenzene	ND		ug/Kg	3.0	0.6	313247	05/05/23	05/05/23	LYZ
1,2,4-Trimethylbenzene	ND		ug/Kg	3.0	0.6	313247	05/05/23	05/05/23	LYZ
sec-Butylbenzene	ND		ug/Kg	3.0	0.6	313247	05/05/23	05/05/23	LYZ
para-Isopropyl Toluene	ND		ug/Kg	3.0	0.6	313247	05/05/23	05/05/23	LYZ
1,3-Dichlorobenzene	ND		ug/Kg	3.0	0.6	313247	05/05/23	05/05/23	LYZ
1,4-Dichlorobenzene	ND		ug/Kg	3.0	0.6	313247	05/05/23	05/05/23	LYZ
n-Butylbenzene	ND		ug/Kg	3.0	0.6	313247	05/05/23	05/05/23	LYZ
1,2-Dichlorobenzene	ND		ug/Kg	3.0	0.6	313247	05/05/23	05/05/23	LYZ
1,2-Dibromo-3-Chloropropane	ND		ug/Kg	3.0	0.6	313247	05/05/23	05/05/23	LYZ
1,2,4-Trichlorobenzene	ND		ug/Kg	3.0	0.6	313247	05/05/23	05/05/23	LYZ
Hexachlorobutadiene	ND		ug/Kg	3.0	0.6	313247	05/05/23	05/05/23	LYZ
Naphthalene	ND		ug/Kg	3.0	0.6	313247	05/05/23	05/05/23	LYZ
1,2,3-Trichlorobenzene	ND		ug/Kg	3.0	0.6	313247	05/05/23	05/05/23	LYZ
Surrogates				**Limits**					
Dibromofluoromethane	100%		%REC	70-145	0.6	313247	05/05/23	05/05/23	LYZ
1,2-Dichloroethane-d4	99%		%REC	70-145	0.6	313247	05/05/23	05/05/23	LYZ
Toluene-d8	107%		%REC	70-145	0.6	313247	05/05/23	05/05/23	LYZ
Bromofluorobenzene	100%		%REC	70-145	0.6	313247	05/05/23	05/05/23	LYZ
Method: EPA 8270C-SIM Prep Method: EPA 3546									
1-Methylnaphthalene	ND		ug/Kg	10	1	313222	05/04/23	05/05/23	VTN
2-Methylnaphthalene	ND		ug/Kg	10	1	313222	05/04/23	05/05/23	VTN
Naphthalene	ND		ug/Kg	10	1	313222	05/04/23	05/05/23	VTN
Acenaphthylene	ND		ug/Kg	10	1	313222	05/04/23	05/05/23	VTN

Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

Analysis Results for 484468

484468-007 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Acenaphthene	ND		ug/Kg	10	1	313222	05/04/23	05/05/23	VTN
Fluorene	ND		ug/Kg	10	1	313222	05/04/23	05/05/23	VTN
Phenanthrene	ND		ug/Kg	10	1	313222	05/04/23	05/05/23	VTN
Anthracene	ND		ug/Kg	10	1	313222	05/04/23	05/05/23	VTN
Fluoranthene	ND		ug/Kg	10	1	313222	05/04/23	05/05/23	VTN
Pyrene	ND		ug/Kg	10	1	313222	05/04/23	05/05/23	VTN
Benzo(a)anthracene	ND		ug/Kg	10	1	313222	05/04/23	05/05/23	VTN
Chrysene	ND		ug/Kg	10	1	313222	05/04/23	05/05/23	VTN
Benzo(b)fluoranthene	ND		ug/Kg	10	1	313222	05/04/23	05/05/23	VTN
Benzo(k)fluoranthene	ND		ug/Kg	10	1	313222	05/04/23	05/05/23	VTN
Benzo(a)pyrene	ND		ug/Kg	10	1	313222	05/04/23	05/05/23	VTN
Indeno(1,2,3-cd)pyrene	ND		ug/Kg	10	1	313222	05/04/23	05/05/23	VTN
Dibenz(a,h)anthracene	ND		ug/Kg	10	1	313222	05/04/23	05/05/23	VTN
Benzo(g,h,i)perylene	ND		ug/Kg	10	1	313222	05/04/23	05/05/23	VTN
Surrogates				**Limits**					
Nitrobenzene-d5	72%		%REC	27-125	1	313222	05/04/23	05/05/23	VTN
2-Fluorobiphenyl	67%		%REC	30-120	1	313222	05/04/23	05/05/23	VTN
Terphenyl-d14	101%		%REC	33-155	1	313222	05/04/23	05/05/23	VTN

Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

Analysis Results for 484468

Sample ID: F-6-10.0	Lab ID: 484468-010	Collected: 05/03/23 11:10
	Matrix: Soil	

484468-010 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 8015B Prep Method: EPA 5035									
TPH Gasoline	ND		mg/Kg	1.9	0.63	313445	05/09/23	05/09/23	ILK
Surrogates				**Limits**					
Bromofluorobenzene (FID)	78%		%REC	60-140	0.63	313445	05/09/23	05/09/23	ILK
Method: EPA 8015M Prep Method: EPA 3580M									
DRO C10-C28	ND		mg/Kg	9.9	0.99	313265	05/05/23	05/06/23	BJG
ORO C28-C44	ND		mg/Kg	20	0.99	313265	05/05/23	05/06/23	BJG
Surrogates				**Limits**					
n-Triacontane	86%		%REC	70-130	0.99	313265	05/05/23	05/06/23	BJG
Method: EPA 8260B Prep Method: EPA 5035									
Freon 12	ND		ug/Kg	3.4	0.67	313247	05/05/23	05/05/23	LYZ
Chloromethane	ND		ug/Kg	3.4	0.67	313247	05/05/23	05/05/23	LYZ
Vinyl Chloride	ND		ug/Kg	3.4	0.67	313247	05/05/23	05/05/23	LYZ
Bromomethane	ND		ug/Kg	3.4	0.67	313247	05/05/23	05/05/23	LYZ
Chloroethane	ND		ug/Kg	3.4	0.67	313247	05/05/23	05/05/23	LYZ
Trichlorofluoromethane	ND		ug/Kg	3.4	0.67	313247	05/05/23	05/05/23	LYZ
Acetone	ND		ug/Kg	67	0.67	313247	05/05/23	05/05/23	LYZ
Freon 113	ND		ug/Kg	3.4	0.67	313247	05/05/23	05/05/23	LYZ
1,1-Dichloroethene	ND		ug/Kg	3.4	0.67	313247	05/05/23	05/05/23	LYZ
Methylene Chloride	ND		ug/Kg	3.4	0.67	313247	05/05/23	05/05/23	LYZ
MTBE	ND		ug/Kg	3.4	0.67	313247	05/05/23	05/05/23	LYZ
trans-1,2-Dichloroethene	ND		ug/Kg	3.4	0.67	313247	05/05/23	05/05/23	LYZ
1,1-Dichloroethane	ND		ug/Kg	3.4	0.67	313247	05/05/23	05/05/23	LYZ
2-Butanone	ND		ug/Kg	67	0.67	313247	05/05/23	05/05/23	LYZ
cis-1,2-Dichloroethene	ND		ug/Kg	3.4	0.67	313247	05/05/23	05/05/23	LYZ
2,2-Dichloropropane	ND		ug/Kg	3.4	0.67	313247	05/05/23	05/05/23	LYZ
Chloroform	ND		ug/Kg	3.4	0.67	313247	05/05/23	05/05/23	LYZ
Bromochloromethane	ND		ug/Kg	3.4	0.67	313247	05/05/23	05/05/23	LYZ
1,1,1-Trichloroethane	ND		ug/Kg	3.4	0.67	313247	05/05/23	05/05/23	LYZ
1,1-Dichloropropene	ND		ug/Kg	3.4	0.67	313247	05/05/23	05/05/23	LYZ
Carbon Tetrachloride	ND		ug/Kg	3.4	0.67	313247	05/05/23	05/05/23	LYZ
1,2-Dichloroethane	ND		ug/Kg	3.4	0.67	313247	05/05/23	05/05/23	LYZ
Benzene	ND		ug/Kg	3.4	0.67	313247	05/05/23	05/05/23	LYZ
Trichloroethene	ND		ug/Kg	3.4	0.67	313247	05/05/23	05/05/23	LYZ
1,2-Dichloropropane	ND		ug/Kg	3.4	0.67	313247	05/05/23	05/05/23	LYZ
Bromodichloromethane	ND		ug/Kg	3.4	0.67	313247	05/05/23	05/05/23	LYZ
Dibromomethane	ND		ug/Kg	3.4	0.67	313247	05/05/23	05/05/23	LYZ
4-Methyl-2-Pentanone	ND		ug/Kg	5.5	0.67	313247	05/05/23	05/05/23	LYZ
cis-1,3-Dichloropropene	ND		ug/Kg	3.4	0.67	313247	05/05/23	05/05/23	LYZ

Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

Analysis Results for 484468

484468-010 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Toluene	ND		ug/Kg	3.4	0.67	313247	05/05/23	05/05/23	LYZ
trans-1,3-Dichloropropene	ND		ug/Kg	3.4	0.67	313247	05/05/23	05/05/23	LYZ
1,1,2-Trichloroethane	ND		ug/Kg	3.4	0.67	313247	05/05/23	05/05/23	LYZ
1,3-Dichloropropane	ND		ug/Kg	3.4	0.67	313247	05/05/23	05/05/23	LYZ
Tetrachloroethene	ND		ug/Kg	3.4	0.67	313247	05/05/23	05/05/23	LYZ
Dibromochloromethane	ND		ug/Kg	3.4	0.67	313247	05/05/23	05/05/23	LYZ
1,2-Dibromoethane	ND		ug/Kg	3.4	0.67	313247	05/05/23	05/05/23	LYZ
Chlorobenzene	ND		ug/Kg	3.4	0.67	313247	05/05/23	05/05/23	LYZ
1,1,1,2-Tetrachloroethane	ND		ug/Kg	3.4	0.67	313247	05/05/23	05/05/23	LYZ
Ethylbenzene	ND		ug/Kg	3.4	0.67	313247	05/05/23	05/05/23	LYZ
m,p-Xylenes	ND		ug/Kg	6.7	0.67	313247	05/05/23	05/05/23	LYZ
o-Xylene	ND		ug/Kg	3.4	0.67	313247	05/05/23	05/05/23	LYZ
Styrene	ND		ug/Kg	3.4	0.67	313247	05/05/23	05/05/23	LYZ
Bromoform	ND		ug/Kg	3.4	0.67	313247	05/05/23	05/05/23	LYZ
Isopropylbenzene	ND		ug/Kg	3.4	0.67	313247	05/05/23	05/05/23	LYZ
1,1,2,2-Tetrachloroethane	ND		ug/Kg	3.4	0.67	313247	05/05/23	05/05/23	LYZ
1,2,3-Trichloropropane	ND		ug/Kg	3.4	0.67	313247	05/05/23	05/05/23	LYZ
Propylbenzene	ND		ug/Kg	3.4	0.67	313247	05/05/23	05/05/23	LYZ
Bromobenzene	ND		ug/Kg	3.4	0.67	313247	05/05/23	05/05/23	LYZ
1,3,5-Trimethylbenzene	ND		ug/Kg	3.4	0.67	313247	05/05/23	05/05/23	LYZ
2-Chlorotoluene	ND		ug/Kg	3.4	0.67	313247	05/05/23	05/05/23	LYZ
4-Chlorotoluene	ND		ug/Kg	3.4	0.67	313247	05/05/23	05/05/23	LYZ
tert-Butylbenzene	ND		ug/Kg	3.4	0.67	313247	05/05/23	05/05/23	LYZ
1,2,4-Trimethylbenzene	ND		ug/Kg	3.4	0.67	313247	05/05/23	05/05/23	LYZ
sec-Butylbenzene	ND		ug/Kg	3.4	0.67	313247	05/05/23	05/05/23	LYZ
para-Isopropyl Toluene	ND		ug/Kg	3.4	0.67	313247	05/05/23	05/05/23	LYZ
1,3-Dichlorobenzene	ND		ug/Kg	3.4	0.67	313247	05/05/23	05/05/23	LYZ
1,4-Dichlorobenzene	ND		ug/Kg	3.4	0.67	313247	05/05/23	05/05/23	LYZ
n-Butylbenzene	ND		ug/Kg	3.4	0.67	313247	05/05/23	05/05/23	LYZ
1,2-Dichlorobenzene	ND		ug/Kg	3.4	0.67	313247	05/05/23	05/05/23	LYZ
1,2-Dibromo-3-Chloropropane	ND		ug/Kg	3.4	0.67	313247	05/05/23	05/05/23	LYZ
1,2,4-Trichlorobenzene	ND		ug/Kg	3.4	0.67	313247	05/05/23	05/05/23	LYZ
Hexachlorobutadiene	ND		ug/Kg	3.4	0.67	313247	05/05/23	05/05/23	LYZ
Naphthalene	ND		ug/Kg	3.4	0.67	313247	05/05/23	05/05/23	LYZ
1,2,3-Trichlorobenzene	ND		ug/Kg	3.4	0.67	313247	05/05/23	05/05/23	LYZ
Surrogates				**Limits**					
Dibromofluoromethane	97%		%REC	70-145	0.67	313247	05/05/23	05/05/23	LYZ
1,2-Dichloroethane-d4	99%		%REC	70-145	0.67	313247	05/05/23	05/05/23	LYZ
Toluene-d8	100%		%REC	70-145	0.67	313247	05/05/23	05/05/23	LYZ
Bromofluorobenzene	98%		%REC	70-145	0.67	313247	05/05/23	05/05/23	LYZ
Method: EPA 8270C-SIM Prep Method: EPA 3546									
1-Methylnaphthalene	ND		ug/Kg	10	1	313222	05/04/23	05/05/23	VTN
2-Methylnaphthalene	ND		ug/Kg	10	1	313222	05/04/23	05/05/23	VTN
Naphthalene	ND		ug/Kg	10	1	313222	05/04/23	05/05/23	VTN
Acenaphthylene	ND		ug/Kg	10	1	313222	05/04/23	05/05/23	VTN

Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

Analysis Results for 484468

484468-010 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Acenaphthene	ND		ug/Kg	10	1	313222	05/04/23	05/05/23	VTN
Fluorene	ND		ug/Kg	10	1	313222	05/04/23	05/05/23	VTN
Phenanthrene	ND		ug/Kg	10	1	313222	05/04/23	05/05/23	VTN
Anthracene	ND		ug/Kg	10	1	313222	05/04/23	05/05/23	VTN
Fluoranthene	ND		ug/Kg	10	1	313222	05/04/23	05/05/23	VTN
Pyrene	ND		ug/Kg	10	1	313222	05/04/23	05/05/23	VTN
Benzo(a)anthracene	ND		ug/Kg	10	1	313222	05/04/23	05/05/23	VTN
Chrysene	ND		ug/Kg	10	1	313222	05/04/23	05/05/23	VTN
Benzo(b)fluoranthene	ND		ug/Kg	10	1	313222	05/04/23	05/05/23	VTN
Benzo(k)fluoranthene	ND		ug/Kg	10	1	313222	05/04/23	05/05/23	VTN
Benzo(a)pyrene	ND		ug/Kg	10	1	313222	05/04/23	05/05/23	VTN
Indeno(1,2,3-cd)pyrene	ND		ug/Kg	10	1	313222	05/04/23	05/05/23	VTN
Dibenz(a,h)anthracene	ND		ug/Kg	10	1	313222	05/04/23	05/05/23	VTN
Benzo(g,h,i)perylene	ND		ug/Kg	10	1	313222	05/04/23	05/05/23	VTN
Surrogates				**Limits**					
Nitrobenzene-d5	70%		%REC	27-125	1	313222	05/04/23	05/05/23	VTN
2-Fluorobiphenyl	70%		%REC	30-120	1	313222	05/04/23	05/05/23	VTN
Terphenyl-d14	85%		%REC	33-155	1	313222	05/04/23	05/05/23	VTN

DO Diluted Out
ND Not Detected

Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

Batch QC

Type: Blank	**Lab ID: QC1063441**	**Batch: 313263**
Matrix: Soil	**Method: EPA 6010B**	**Prep Method: EPA 3050B**

QC1063441 Analyte	Result	Qual	Units	RL	Prepared	Analyzed
Antimony	ND		mg/Kg	3.0	05/05/23	05/05/23
Arsenic	ND		mg/Kg	1.0	05/05/23	05/05/23
Barium	ND		mg/Kg	1.0	05/05/23	05/05/23
Beryllium	ND		mg/Kg	0.50	05/05/23	05/05/23
Cadmium	ND		mg/Kg	0.50	05/05/23	05/05/23
Chromium	ND		mg/Kg	1.0	05/05/23	05/05/23
Cobalt	ND		mg/Kg	0.50	05/05/23	05/05/23
Copper	ND		mg/Kg	1.0	05/05/23	05/05/23
Lead	ND		mg/Kg	1.0	05/05/23	05/05/23
Molybdenum	ND		mg/Kg	1.0	05/05/23	05/05/23
Nickel	ND		mg/Kg	1.0	05/05/23	05/05/23
Selenium	ND		mg/Kg	3.0	05/05/23	05/05/23
Silver	ND		mg/Kg	0.50	05/05/23	05/05/23
Thallium	ND		mg/Kg	3.0	05/05/23	05/05/23
Vanadium	ND		mg/Kg	1.0	05/05/23	05/05/23
Zinc	ND		mg/Kg	5.0	05/05/23	05/05/23

Type: Lab Control Sample	**Lab ID: QC1063442**	**Batch: 313263**
Matrix: Soil	**Method: EPA 6010B**	**Prep Method: EPA 3050B**

QC1063442 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Antimony	98.26	100.0	mg/Kg	98%		80-120
Arsenic	104.2	100.0	mg/Kg	104%		80-120
Barium	106.9	100.0	mg/Kg	107%		80-120
Beryllium	109.3	100.0	mg/Kg	109%		80-120
Cadmium	110.1	100.0	mg/Kg	110%		80-120
Chromium	106.6	100.0	mg/Kg	107%		80-120
Cobalt	110.9	100.0	mg/Kg	111%		80-120
Copper	104.5	100.0	mg/Kg	104%		80-120
Lead	107.0	100.0	mg/Kg	107%		80-120
Molybdenum	104.7	100.0	mg/Kg	105%		80-120
Nickel	108.7	100.0	mg/Kg	109%		80-120
Selenium	97.88	100.0	mg/Kg	98%		80-120
Silver	49.63	50.00	mg/Kg	99%		80-120
Thallium	113.1	100.0	mg/Kg	113%	b	80-120
Vanadium	107.1	100.0	mg/Kg	107%		80-120
Zinc	106.3	100.0	mg/Kg	106%		80-120

ENTHALPY ANALYTICAL

Batch QC

Type:	Matrix Spike	Lab ID:	QC1063443	Batch:	313263
Matrix (Source ID):	Soil (484402-001)	Method:	EPA 6010B	Prep Method:	EPA 3050B

QC1063443 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Antimony	31.19	ND	95.24	mg/Kg	33%	*	75-125	0.95
Arsenic	100.1	7.903	95.24	mg/Kg	97%		75-125	0.95
Barium	233.0	159.3	95.24	mg/Kg	77%		75-125	0.95
Beryllium	99.94	0.7788	95.24	mg/Kg	104%		75-125	0.95
Cadmium	97.64	0.4190	95.24	mg/Kg	102%		75-125	0.95
Chromium	133.4	36.23	95.24	mg/Kg	102%		75-125	0.95
Cobalt	109.4	11.58	95.24	mg/Kg	103%		75-125	0.95
Copper	140.1	39.12	95.24	mg/Kg	106%		75-125	0.95
Lead	103.8	10.39	95.24	mg/Kg	98%		75-125	0.95
Molybdenum	87.40	1.609	95.24	mg/Kg	90%		75-125	0.95
Nickel	119.1	24.46	95.24	mg/Kg	99%		75-125	0.95
Selenium	88.08	0.5356	95.24	mg/Kg	92%		75-125	0.95
Silver	47.29	ND	47.62	mg/Kg	99%		75-125	0.95
Thallium	98.47	ND	95.24	mg/Kg	103%	b	75-125	0.95
Vanadium	175.9	68.83	95.24	mg/Kg	112%		75-125	0.95
Zinc	167.3	75.31	95.24	mg/Kg	97%		75-125	0.95

Type:	Matrix Spike Duplicate	Lab ID:	QC1063444	Batch:	313263
Matrix (Source ID):	Soil (484402-001)	Method:	EPA 6010B	Prep Method:	EPA 3050B

QC1063444 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
Antimony	30.31	ND	98.04	mg/Kg	31%	*	75-125	6	41	0.98
Arsenic	104.9	7.903	98.04	mg/Kg	99%		75-125	2	35	0.98
Barium	258.1	159.3	98.04	mg/Kg	101%		75-125	9	20	0.98
Beryllium	104.5	0.7788	98.04	mg/Kg	106%		75-125	2	20	0.98
Cadmium	101.9	0.4190	98.04	mg/Kg	104%		75-125	1	20	0.98
Chromium	142.9	36.23	98.04	mg/Kg	109%		75-125	5	20	0.98
Cobalt	116.6	11.58	98.04	mg/Kg	107%		75-125	4	20	0.98
Copper	150.3	39.12	98.04	mg/Kg	113%		75-125	5	20	0.98
Lead	109.4	10.39	98.04	mg/Kg	101%		75-125	3	20	0.98
Molybdenum	91.35	1.609	98.04	mg/Kg	92%		75-125	2	20	0.98
Nickel	126.6	24.46	98.04	mg/Kg	104%		75-125	4	20	0.98
Selenium	91.92	0.5356	98.04	mg/Kg	93%		75-125	1	20	0.98
Silver	49.52	ND	49.02	mg/Kg	101%		75-125	2	20	0.98
Thallium	103.1	ND	98.04	mg/Kg	105%	b	75-125	2	20	0.98
Vanadium	187.5	68.83	98.04	mg/Kg	121%		75-125	5	20	0.98
Zinc	177.3	75.31	98.04	mg/Kg	104%		75-125	4	20	0.98

ENTHALPY ANALYTICAL

Batch QC

Type: Blank	Lab ID: QC1063976	Batch: 313400
Matrix: Soil	Method: EPA 7471A	Prep Method: METHOD

QC1063976 Analyte	Result	Qual	Units	RL	Prepared	Analyzed
Mercury	ND		mg/Kg	0.14	05/08/23	05/08/23

Type: Lab Control Sample	Lab ID: QC1063977	Batch: 313400
Matrix: Soil	Method: EPA 7471A	Prep Method: METHOD

QC1063977 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Mercury	0.8436	0.8333	mg/Kg	101%		80-120

Type: Matrix Spike	Lab ID: QC1063978	Batch: 313400
Matrix (Source ID): Soil (484393-005)	Method: EPA 7471A	Prep Method: METHOD

QC1063978 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Mercury	0.8815	0.03145	0.8772	mg/Kg	97%		75-125	1.1

Type: Matrix Spike Duplicate	Lab ID: QC1063979	Batch: 313400
Matrix (Source ID): Soil (484393-005)	Method: EPA 7471A	Prep Method: METHOD

QC1063979 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
Mercury	0.9663	0.03145	0.9434	mg/Kg	99%		75-125	2	20	1.1

Type: Lab Control Sample	Lab ID: QC1064143	Batch: 313445
Matrix: Soil	Method: EPA 8015B	Prep Method: EPA 5035

QC1064143 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
TPH Gasoline	4.758	5.000	mg/Kg	95%		70-130
Surrogates						
Bromofluorobenzene (FID)	0.2151	0.2000	mg/Kg	108%		60-140

Type: Lab Control Sample Duplicate	Lab ID: QC1064144	Batch: 313445
Matrix: Soil	Method: EPA 8015B	Prep Method: EPA 5035

QC1064144 Analyte	Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim
TPH Gasoline	4.875	5.000	mg/Kg	97%		70-130	2	20
Surrogates								
Bromofluorobenzene (FID)	0.2188	0.2000	mg/Kg	109%		60-140		

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Batch QC

Type: Blank	Lab ID: QC1064145	Batch: 313445
Matrix: Soil	Method: EPA 8015B	Prep Method: EPA 5035

QC1064145 Analyte	Result	Qual	Units	RL	Prepared	Analyzed
TPH Gasoline	ND		mg/Kg	75	05/08/23	05/08/23
Surrogates				**Limits**		
Bromofluorobenzene (FID)	80%		%REC	60-140	05/08/23	05/08/23

Type: Blank	Lab ID: QC1064146	Batch: 313445
Matrix: Soil	Method: EPA 8015B	Prep Method: EPA 5035

QC1064146 Analyte	Result	Qual	Units	RL	Prepared	Analyzed
TPH Gasoline	ND		mg/Kg	3.0	05/08/23	05/08/23
Surrogates				**Limits**		
Bromofluorobenzene (FID)	79%		%REC	60-140	05/08/23	05/08/23

Type: Blank	Lab ID: QC1063461	Batch: 313265
Matrix: Soil	Method: EPA 8015M	Prep Method: EPA 3580M

QC1063461 Analyte	Result	Qual	Units	RL	Prepared	Analyzed
DRO C10-C28	ND		mg/Kg	10	05/05/23	05/05/23
ORO C28-C44	ND		mg/Kg	20	05/05/23	05/05/23
Surrogates				**Limits**		
n-Triacontane	80%		%REC	70-130	05/05/23	05/05/23

Type: Lab Control Sample	Lab ID: QC1063462	Batch: 313265
Matrix: Soil	Method: EPA 8015M	Prep Method: EPA 3580M

QC1063462 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Diesel C10-C28	228.1	250.0	mg/Kg	91%		76-122
Surrogates						
n-Triacontane	7.862	10.00	mg/Kg	79%		70-130

Type: Matrix Spike	Lab ID: QC1063463	Batch: 313265
Matrix (Source ID): Soil (484563-006)	Method: EPA 8015M	Prep Method: EPA 3580M

QC1063463 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Diesel C10-C28	228.0	ND	248.9	mg/Kg	92%		62-126	1
Surrogates								
n-Triacontane	7.833		9.955	mg/Kg	79%		70-130	1

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Batch QC

Type:	Matrix Spike Duplicate	Lab ID:	QC1063464	Batch:	313265
Matrix (Source ID):	Soil (484563-006)	Method:	EPA 8015M	Prep Method:	EPA 3580M

QC1063464 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
Diesel C10-C28	224.0	ND	248.6	mg/Kg	90%		62-126	2	35	0.99
Surrogates										
n-Triacontane	7.636		9.945	mg/Kg	77%		70-130			0.99

Type:	Lab Control Sample	Lab ID:	QC1063379	Batch:	313247
Matrix:	Soil	Method:	EPA 8260B	Prep Method:	EPA 5035

QC1063379 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
1,1-Dichloroethene	45.24	50.00	ug/Kg	90%		70-131
MTBE	47.64	50.00	ug/Kg	95%		69-130
Benzene	49.16	50.00	ug/Kg	98%		70-130
Trichloroethene	56.07	50.00	ug/Kg	112%		70-130
Toluene	46.88	50.00	ug/Kg	94%		70-130
Chlorobenzene	49.98	50.00	ug/Kg	100%		70-130
Surrogates						
Dibromofluoromethane	50.16	50.00	ug/Kg	100%		70-130
1,2-Dichloroethane-d4	48.09	50.00	ug/Kg	96%		70-145
Toluene-d8	50.86	50.00	ug/Kg	102%		70-145
Bromofluorobenzene	47.94	50.00	ug/Kg	96%		70-145

Type:	Lab Control Sample Duplicate	Lab ID:	QC1063380	Batch:	313247
Matrix:	Soil	Method:	EPA 8260B	Prep Method:	EPA 5035

QC1063380 Analyte	Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim
1,1-Dichloroethene	44.38	50.00	ug/Kg	89%		70-131	2	33
MTBE	45.30	50.00	ug/Kg	91%		69-130	5	30
Benzene	46.93	50.00	ug/Kg	94%		70-130	5	30
Trichloroethene	55.12	50.00	ug/Kg	110%		70-130	2	30
Toluene	46.43	50.00	ug/Kg	93%		70-130	1	30
Chlorobenzene	48.32	50.00	ug/Kg	97%		70-130	3	30
Surrogates								
Dibromofluoromethane	49.39	50.00	ug/Kg	99%		70-130		
1,2-Dichloroethane-d4	47.70	50.00	ug/Kg	95%		70-145		
Toluene-d8	54.18	50.00	ug/Kg	108%		70-145		
Bromofluorobenzene	47.63	50.00	ug/Kg	95%		70-145		

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Batch QC

Type: Blank	**Lab ID: QC1063383**	**Batch: 313247**
Matrix: Soil	**Method: EPA 8260B**	**Prep Method: EPA 5035**

QC1063383 Analyte	Result	Qual	Units	RL	Prepared	Analyzed
Freon 12	ND		ug/Kg	5.0	05/05/23	05/05/23
Chloromethane	ND		ug/Kg	5.0	05/05/23	05/05/23
Vinyl Chloride	ND		ug/Kg	5.0	05/05/23	05/05/23
Bromomethane	ND		ug/Kg	5.0	05/05/23	05/05/23
Chloroethane	ND		ug/Kg	5.0	05/05/23	05/05/23
Trichlorofluoromethane	ND		ug/Kg	5.0	05/05/23	05/05/23
Acetone	ND		ug/Kg	100	05/05/23	05/05/23
Freon 113	ND		ug/Kg	5.0	05/05/23	05/05/23
1,1-Dichloroethene	ND		ug/Kg	5.0	05/05/23	05/05/23
Methylene Chloride	ND		ug/Kg	5.0	05/05/23	05/05/23
MTBE	ND		ug/Kg	5.0	05/05/23	05/05/23
trans-1,2-Dichloroethene	ND		ug/Kg	5.0	05/05/23	05/05/23
1,1-Dichloroethane	ND		ug/Kg	5.0	05/05/23	05/05/23
2-Butanone	ND		ug/Kg	100	05/05/23	05/05/23
cis-1,2-Dichloroethene	ND		ug/Kg	5.0	05/05/23	05/05/23
2,2-Dichloropropane	ND		ug/Kg	5.0	05/05/23	05/05/23
Chloroform	ND		ug/Kg	5.0	05/05/23	05/05/23
Bromochloromethane	ND		ug/Kg	5.0	05/05/23	05/05/23
1,1,1-Trichloroethane	ND		ug/Kg	5.0	05/05/23	05/05/23
1,1-Dichloropropene	ND		ug/Kg	5.0	05/05/23	05/05/23
Carbon Tetrachloride	ND		ug/Kg	5.0	05/05/23	05/05/23
1,2-Dichloroethane	ND		ug/Kg	5.0	05/05/23	05/05/23
Benzene	ND		ug/Kg	5.0	05/05/23	05/05/23
Trichloroethene	ND		ug/Kg	5.0	05/05/23	05/05/23
1,2-Dichloropropane	ND		ug/Kg	5.0	05/05/23	05/05/23
Bromodichloromethane	ND		ug/Kg	5.0	05/05/23	05/05/23
Dibromomethane	ND		ug/Kg	5.0	05/05/23	05/05/23
4-Methyl-2-Pentanone	ND		ug/Kg	5.0	05/05/23	05/05/23
cis-1,3-Dichloropropene	ND		ug/Kg	5.0	05/05/23	05/05/23
Toluene	ND		ug/Kg	5.0	05/05/23	05/05/23
trans-1,3-Dichloropropene	ND		ug/Kg	5.0	05/05/23	05/05/23
1,1,2-Trichloroethane	ND		ug/Kg	5.0	05/05/23	05/05/23
1,3-Dichloropropane	ND		ug/Kg	5.0	05/05/23	05/05/23
Tetrachloroethene	ND		ug/Kg	5.0	05/05/23	05/05/23
Dibromochloromethane	ND		ug/Kg	5.0	05/05/23	05/05/23
1,2-Dibromoethane	ND		ug/Kg	5.0	05/05/23	05/05/23
Chlorobenzene	ND		ug/Kg	5.0	05/05/23	05/05/23
1,1,1,2-Tetrachloroethane	ND		ug/Kg	5.0	05/05/23	05/05/23
Ethylbenzene	ND		ug/Kg	5.0	05/05/23	05/05/23
m,p-Xylenes	ND		ug/Kg	10	05/05/23	05/05/23
o-Xylene	ND		ug/Kg	5.0	05/05/23	05/05/23
Styrene	ND		ug/Kg	5.0	05/05/23	05/05/23

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Batch QC

QC1063383 Analyte	Result	Qual	Units	RL	Prepared	Analyzed
Bromoform	ND		ug/Kg	5.0	05/05/23	05/05/23
Isopropylbenzene	ND		ug/Kg	5.0	05/05/23	05/05/23
1,1,2,2-Tetrachloroethane	ND		ug/Kg	5.0	05/05/23	05/05/23
1,2,3-Trichloropropane	ND		ug/Kg	5.0	05/05/23	05/05/23
Propylbenzene	ND		ug/Kg	5.0	05/05/23	05/05/23
Bromobenzene	ND		ug/Kg	5.0	05/05/23	05/05/23
1,3,5-Trimethylbenzene	ND		ug/Kg	5.0	05/05/23	05/05/23
2-Chlorotoluene	ND		ug/Kg	5.0	05/05/23	05/05/23
4-Chlorotoluene	ND		ug/Kg	5.0	05/05/23	05/05/23
tert-Butylbenzene	ND		ug/Kg	5.0	05/05/23	05/05/23
1,2,4-Trimethylbenzene	ND		ug/Kg	5.0	05/05/23	05/05/23
sec-Butylbenzene	ND		ug/Kg	5.0	05/05/23	05/05/23
para-Isopropyl Toluene	ND		ug/Kg	5.0	05/05/23	05/05/23
1,3-Dichlorobenzene	ND		ug/Kg	5.0	05/05/23	05/05/23
1,4-Dichlorobenzene	ND		ug/Kg	5.0	05/05/23	05/05/23
n-Butylbenzene	ND		ug/Kg	5.0	05/05/23	05/05/23
1,2-Dichlorobenzene	ND		ug/Kg	5.0	05/05/23	05/05/23
1,2-Dibromo-3-Chloropropane	ND		ug/Kg	5.0	05/05/23	05/05/23
1,2,4-Trichlorobenzene	ND		ug/Kg	5.0	05/05/23	05/05/23
Hexachlorobutadiene	ND		ug/Kg	5.0	05/05/23	05/05/23
Naphthalene	ND		ug/Kg	5.0	05/05/23	05/05/23
1,2,3-Trichlorobenzene	ND		ug/Kg	5.0	05/05/23	05/05/23
Surrogates				**Limits**		
Dibromofluoromethane	95%		%REC	70-130	05/05/23	05/05/23
1,2-Dichloroethane-d4	93%		%REC	70-145	05/05/23	05/05/23
Toluene-d8	113%		%REC	70-145	05/05/23	05/05/23
Bromofluorobenzene	100%		%REC	70-145	05/05/23	05/05/23

ENTHALPY ANALYTICAL

Batch QC

Type:	**Blank**	**Lab ID:**	**QC1063310**	**Batch:**	**313221**
Matrix:	**Soil**	**Method:**	**EPA 8270C**	**Prep Method:**	**EPA 3546**

QC1063310 Analyte	Result	Qual	Units	RL	Prepared	Analyzed
Carbazole	ND		ug/Kg	250	05/04/23	05/05/23
1-Methylnaphthalene	ND		ug/Kg	250	05/04/23	05/05/23
Pyridine	ND		ug/Kg	250	05/04/23	05/05/23
N-Nitrosodimethylamine	ND		ug/Kg	250	05/04/23	05/05/23
Phenol	ND		ug/Kg	250	05/04/23	05/05/23
Aniline	ND		ug/Kg	250	05/04/23	05/05/23
bis(2-Chloroethyl)ether	ND		ug/Kg	1,200	05/04/23	05/05/23
2-Chlorophenol	ND		ug/Kg	250	05/04/23	05/05/23
1,3-Dichlorobenzene	ND		ug/Kg	250	05/04/23	05/05/23
1,4-Dichlorobenzene	ND		ug/Kg	250	05/04/23	05/05/23
Benzyl alcohol	ND		ug/Kg	250	05/04/23	05/05/23
1,2-Dichlorobenzene	ND		ug/Kg	250	05/04/23	05/05/23
2-Methylphenol	ND		ug/Kg	250	05/04/23	05/05/23
bis(2-Chloroisopropyl) ether	ND		ug/Kg	250	05/04/23	05/05/23
3-,4-Methylphenol	ND		ug/Kg	400	05/04/23	05/05/23
N-Nitroso-di-n-propylamine	ND		ug/Kg	250	05/04/23	05/05/23
Hexachloroethane	ND		ug/Kg	250	05/04/23	05/05/23
Nitrobenzene	ND		ug/Kg	1,200	05/04/23	05/05/23
Isophorone	ND		ug/Kg	250	05/04/23	05/05/23
2-Nitrophenol	ND		ug/Kg	250	05/04/23	05/05/23
2,4-Dimethylphenol	ND		ug/Kg	250	05/04/23	05/05/23
Benzoic acid	ND		ug/Kg	1,200	05/04/23	05/05/23
bis(2-Chloroethoxy)methane	ND		ug/Kg	250	05/04/23	05/05/23
2,4-Dichlorophenol	ND		ug/Kg	250	05/04/23	05/05/23
1,2,4-Trichlorobenzene	ND		ug/Kg	250	05/04/23	05/05/23
Naphthalene	ND		ug/Kg	250	05/04/23	05/05/23
4-Chloroaniline	ND		ug/Kg	250	05/04/23	05/05/23
Hexachlorobutadiene	ND		ug/Kg	250	05/04/23	05/05/23
4-Chloro-3-methylphenol	ND		ug/Kg	250	05/04/23	05/05/23
2-Methylnaphthalene	ND		ug/Kg	250	05/04/23	05/05/23
Hexachlorocyclopentadiene	ND		ug/Kg	1,200	05/04/23	05/05/23
2,4,6-Trichlorophenol	ND		ug/Kg	250	05/04/23	05/05/23
2,4,5-Trichlorophenol	ND		ug/Kg	250	05/04/23	05/05/23
2-Chloronaphthalene	ND		ug/Kg	250	05/04/23	05/05/23
2-Nitroaniline	ND		ug/Kg	250	05/04/23	05/05/23
Dimethylphthalate	ND		ug/Kg	250	05/04/23	05/05/23
Acenaphthylene	ND		ug/Kg	250	05/04/23	05/05/23
2,6-Dinitrotoluene	ND		ug/Kg	250	05/04/23	05/05/23
3-Nitroaniline	ND		ug/Kg	250	05/04/23	05/05/23
Acenaphthene	ND		ug/Kg	250	05/04/23	05/05/23
2,4-Dinitrophenol	ND		ug/Kg	1,200	05/04/23	05/05/23
4-Nitrophenol	ND		ug/Kg	250	05/04/23	05/05/23

ENTHALPY ANALYTICAL

Batch QC

QC1063310 Analyte	Result	Qual	Units	RL	Prepared	Analyzed
Dibenzofuran	ND		ug/Kg	250	05/04/23	05/05/23
2,4-Dinitrotoluene	ND		ug/Kg	250	05/04/23	05/05/23
Diethylphthalate	ND		ug/Kg	250	05/04/23	05/05/23
Fluorene	ND		ug/Kg	250	05/04/23	05/05/23
4-Chlorophenyl-phenylether	ND		ug/Kg	250	05/04/23	05/05/23
4-Nitroaniline	ND		ug/Kg	250	05/04/23	05/05/23
4,6-Dinitro-2-methylphenol	ND		ug/Kg	250	05/04/23	05/05/23
N-Nitrosodiphenylamine	ND		ug/Kg	250	05/04/23	05/05/23
1,2-diphenylhydrazine (as azobenzene)	ND		ug/Kg	250	05/04/23	05/05/23
4-Bromophenyl-phenylether	ND		ug/Kg	250	05/04/23	05/05/23
Hexachlorobenzene	ND		ug/Kg	250	05/04/23	05/05/23
Pentachlorophenol	ND		ug/Kg	1,200	05/04/23	05/05/23
Phenanthrene	ND		ug/Kg	250	05/04/23	05/05/23
Anthracene	ND		ug/Kg	250	05/04/23	05/05/23
Di-n-butylphthalate	ND		ug/Kg	250	05/04/23	05/05/23
Fluoranthene	ND		ug/Kg	250	05/04/23	05/05/23
Benzidine	ND		ug/Kg	1,200	05/04/23	05/05/23
Pyrene	ND		ug/Kg	250	05/04/23	05/05/23
Butylbenzylphthalate	ND		ug/Kg	250	05/04/23	05/05/23
3,3'-Dichlorobenzidine	ND		ug/Kg	1,200	05/04/23	05/05/23
Benzo(a)anthracene	ND		ug/Kg	250	05/04/23	05/05/23
Chrysene	ND		ug/Kg	250	05/04/23	05/05/23
bis(2-Ethylhexyl)phthalate	ND		ug/Kg	250	05/04/23	05/05/23
Di-n-octylphthalate	ND		ug/Kg	250	05/04/23	05/05/23
Benzo(b)fluoranthene	ND		ug/Kg	250	05/04/23	05/05/23
Benzo(k)fluoranthene	ND		ug/Kg	250	05/04/23	05/05/23
Benzo(a)pyrene	ND		ug/Kg	250	05/04/23	05/05/23
Indeno(1,2,3-cd)pyrene	ND		ug/Kg	250	05/04/23	05/05/23
Dibenz(a,h)anthracene	ND		ug/Kg	250	05/04/23	05/05/23
Benzo(g,h,i)perylene	ND		ug/Kg	250	05/04/23	05/05/23
Surrogates				**Limits**		
2-Fluorophenol	73%		%REC	29-120	05/04/23	05/05/23
Phenol-d6	76%		%REC	30-120	05/04/23	05/05/23
2,4,6-Tribromophenol	85%		%REC	32-120	05/04/23	05/05/23
Nitrobenzene-d5	75%		%REC	33-120	05/04/23	05/05/23
2-Fluorobiphenyl	71%		%REC	39-120	05/04/23	05/05/23
Terphenyl-d14	96%		%REC	44-125	05/04/23	05/05/23

ENTHALPY ANALYTICAL

Batch QC

Type: Lab Control Sample	**Lab ID: QC1063311**	**Batch: 313221**
Matrix: Soil	**Method: EPA 8270C**	**Prep Method: EPA 3546**

QC1063311 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Phenol	2,941	3718	ug/Kg	79%		42-120
2-Chlorophenol	2,885	3718	ug/Kg	78%		41-120
1,4-Dichlorobenzene	2,820	3718	ug/Kg	76%		36-120
3-,4-Methylphenol	3,097	3718	ug/Kg	83%		42-120
N-Nitroso-di-n-propylamine	2,840	3718	ug/Kg	76%		43-121
2,4-Dimethylphenol	2,807	3718	ug/Kg	75%		25-120
1,2,4-Trichlorobenzene	2,905	3718	ug/Kg	78%		38-120
4-Chloro-3-methylphenol	3,099	3718	ug/Kg	83%		40-125
2,4,5-Trichlorophenol	3,176	3718	ug/Kg	85%		40-124
Acenaphthene	2,866	3718	ug/Kg	77%		35-126
4-Nitrophenol	2,889	3718	ug/Kg	78%		24-128
2,4-Dinitrotoluene	3,238	3718	ug/Kg	87%		40-131
Pentachlorophenol	2,412	3718	ug/Kg	65%		35-120
Pyrene	3,062	3718	ug/Kg	82%		37-135
Chrysene	2,807	3718	ug/Kg	75%		38-132
Benzo(b)fluoranthene	2,922	3718	ug/Kg	79%		38-135
Surrogates						
2-Fluorophenol	1,647	1983	ug/Kg	83%		29-120
Phenol-d6	1,707	1983	ug/Kg	86%		30-120
2,4,6-Tribromophenol	1,977	1983	ug/Kg	100%		32-120
Nitrobenzene-d5	1,631	1983	ug/Kg	82%		33-120
2-Fluorobiphenyl	1,609	1983	ug/Kg	81%		39-120
Terphenyl-d14	1,759	1983	ug/Kg	89%		44-125

ENTHALPY ANALYTICAL

Batch QC

Type:	**Matrix Spike**	**Lab ID:**	**QC1063312**	**Batch:**	**313221**
Matrix (Source ID):	**Soil (484369-008)**	**Method:**	**EPA 8270C**	**Prep Method:**	**EPA 3546**

QC1063312 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Phenol	3,376	ND	3728	ug/Kg	91%		37-120	0.99
2-Chlorophenol	3,427	ND	3728	ug/Kg	92%		33-120	0.99
1,4-Dichlorobenzene	3,201	ND	3728	ug/Kg	86%		32-120	0.99
3-,4-Methylphenol	3,609	ND	3728	ug/Kg	97%		37-120	0.99
N-Nitroso-di-n-propylamine	3,418	ND	3728	ug/Kg	92%		32-120	0.99
2,4-Dimethylphenol	3,374	ND	3728	ug/Kg	91%		32-120	0.99
1,2,4-Trichlorobenzene	3,458	ND	3728	ug/Kg	93%		33-120	0.99
4-Chloro-3-methylphenol	3,671	ND	3728	ug/Kg	98%		41-121	0.99
2,4,5-Trichlorophenol	3,724	ND	3728	ug/Kg	100%		40-120	0.99
Acenaphthene	3,536	172.6	3728	ug/Kg	90%		37-120	0.99
4-Nitrophenol	2,774	ND	3728	ug/Kg	74%		20-141	0.99
2,4-Dinitrotoluene	3,556	ND	3728	ug/Kg	95%		33-128	0.99
Pentachlorophenol	2,549	ND	3728	ug/Kg	68%		28-132	0.99
Pyrene	5,204	1754	3728	ug/Kg	93%		39-135	0.99
Chrysene	4,125	866.3	3728	ug/Kg	87%		37-135	0.99
Benzo(b)fluoranthene	4,122	652.6	3728	ug/Kg	93%		34-139	0.99
Surrogates								
2-Fluorophenol	1,889		1988	ug/Kg	95%		29-120	0.99
Phenol-d6	1,961		1988	ug/Kg	99%		30-120	0.99
2,4,6-Tribromophenol	2,268		1988	ug/Kg	114%		32-120	0.99
Nitrobenzene-d5	1,886		1988	ug/Kg	95%		33-120	0.99
2-Fluorobiphenyl	1,913		1988	ug/Kg	96%		39-120	0.99
Terphenyl-d14	2,017		1988	ug/Kg	101%		44-125	0.99

ENTHALPY ANALYTICAL

Batch QC

Type:	**Matrix Spike Duplicate**	**Lab ID:**	**QC1063313**	**Batch:**	**313221**
Matrix (Source ID):	**Soil (484369-008)**	**Method:**	**EPA 8270C**	**Prep Method:**	**EPA 3546**

QC1063313 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
Phenol	3,319	ND	3750	ug/Kg	89%		37-120	2	49	1
2-Chlorophenol	3,334	ND	3750	ug/Kg	89%		33-120	3	52	1
1,4-Dichlorobenzene	3,177	ND	3750	ug/Kg	85%		32-120	1	50	1
3-,4-Methylphenol	3,592	ND	3750	ug/Kg	96%		37-120	1	54	1
N-Nitroso-di-n-propylamine	3,303	ND	3750	ug/Kg	88%		32-120	4	50	1
2,4-Dimethylphenol	3,287	ND	3750	ug/Kg	88%		32-120	3	50	1
1,2,4-Trichlorobenzene	3,340	ND	3750	ug/Kg	89%		33-120	4	50	1
4-Chloro-3-methylphenol	3,568	ND	3750	ug/Kg	95%		41-121	3	43	1
2,4,5-Trichlorophenol	3,688	ND	3750	ug/Kg	98%		40-120	2	47	1
Acenaphthene	3,452	172.6	3750	ug/Kg	87%		37-120	3	48	1
4-Nitrophenol	2,867	ND	3750	ug/Kg	76%		20-141	3	30	1
2,4-Dinitrotoluene	3,546	ND	3750	ug/Kg	95%		33-128	1	50	1
Pentachlorophenol	2,549	ND	3750	ug/Kg	68%		28-132	1	30	1
Pyrene	5,404	1754	3750	ug/Kg	97%		39-135	3	41	1
Chrysene	4,019	866.3	3750	ug/Kg	84%		37-135	3	46	1
Benzo(b)fluoranthene	4,077	652.6	3750	ug/Kg	91%		34-139	2	47	1
Surrogates										
2-Fluorophenol	1,853		2000	ug/Kg	93%		29-120			1
Phenol-d6	1,946		2000	ug/Kg	97%		30-120			1
2,4,6-Tribromophenol	2,245		2000	ug/Kg	112%		32-120			1
Nitrobenzene-d5	1,845		2000	ug/Kg	92%		33-120			1
2-Fluorobiphenyl	1,841		2000	ug/Kg	92%		39-120			1
Terphenyl-d14	1,969		2000	ug/Kg	98%		44-125			1

ENTHALPY ANALYTICAL

Batch QC

Type:	**Blank**	**Lab ID:**	**QC1063314**	**Batch:**	**313222**
Matrix:	**Soil**	**Method:**	**EPA 8270C-SIM**	**Prep Method:**	**EPA 3546**

QC1063314 Analyte	Result	Qual	Units	RL	Prepared	Analyzed
1-Methylnaphthalene	ND		ug/Kg	10	05/04/23	05/05/23
2-Methylnaphthalene	ND		ug/Kg	10	05/04/23	05/05/23
Naphthalene	ND		ug/Kg	10	05/04/23	05/05/23
Acenaphthylene	ND		ug/Kg	10	05/04/23	05/05/23
Acenaphthene	ND		ug/Kg	10	05/04/23	05/05/23
Fluorene	ND		ug/Kg	10	05/04/23	05/05/23
Phenanthrene	ND		ug/Kg	10	05/04/23	05/05/23
Anthracene	ND		ug/Kg	10	05/04/23	05/05/23
Fluoranthene	ND		ug/Kg	10	05/04/23	05/05/23
Pyrene	ND		ug/Kg	10	05/04/23	05/05/23
Benzo(a)anthracene	ND		ug/Kg	10	05/04/23	05/05/23
Chrysene	ND		ug/Kg	10	05/04/23	05/05/23
Benzo(b)fluoranthene	ND		ug/Kg	10	05/04/23	05/05/23
Benzo(k)fluoranthene	ND		ug/Kg	10	05/04/23	05/05/23
Benzo(a)pyrene	ND		ug/Kg	10	05/04/23	05/05/23
Indeno(1,2,3-cd)pyrene	ND		ug/Kg	10	05/04/23	05/05/23
Dibenz(a,h)anthracene	ND		ug/Kg	10	05/04/23	05/05/23
Benzo(g,h,i)perylene	ND		ug/Kg	10	05/04/23	05/05/23
Surrogates				**Limits**		
Nitrobenzene-d5	74%		%REC	27-125	05/04/23	05/05/23
2-Fluorobiphenyl	71%		%REC	30-120	05/04/23	05/05/23
Terphenyl-d14	83%		%REC	33-155	05/04/23	05/05/23

ENTHALPY ANALYTICAL

Batch QC

Type:	**Lab Control Sample**	**Lab ID:**	**QC1063315**	**Batch:**	**313222**
Matrix:	**Soil**	**Method:**	**EPA 8270C-SIM**	**Prep Method:**	**EPA 3546**

QC1063315 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
1-Methylnaphthalene	146.9	199.8	ug/Kg	74%		28-130
2-Methylnaphthalene	151.5	199.8	ug/Kg	76%		33-130
Naphthalene	147.7	199.8	ug/Kg	74%		25-130
Acenaphthylene	152.1	199.8	ug/Kg	76%		28-130
Acenaphthene	152.6	199.8	ug/Kg	76%		32-130
Fluorene	154.8	199.8	ug/Kg	77%		35-130
Phenanthrene	156.6	199.8	ug/Kg	78%		35-132
Anthracene	161.4	199.8	ug/Kg	81%		34-136
Fluoranthene	156.3	199.8	ug/Kg	78%		34-139
Pyrene	156.6	199.8	ug/Kg	78%		35-134
Benzo(a)anthracene	162.3	199.8	ug/Kg	81%		30-132
Chrysene	169.9	199.8	ug/Kg	85%		29-130
Benzo(b)fluoranthene	174.2	199.8	ug/Kg	87%		32-137
Benzo(k)fluoranthene	176.1	199.8	ug/Kg	88%		32-130
Benzo(a)pyrene	175.3	199.8	ug/Kg	88%		10-138
Indeno(1,2,3-cd)pyrene	178.2	199.8	ug/Kg	89%		34-132
Dibenz(a,h)anthracene	180.7	199.8	ug/Kg	90%		32-130
Benzo(g,h,i)perylene	175.0	199.8	ug/Kg	88%		27-130
Surrogates						
Nitrobenzene-d5	150.5	199.8	ug/Kg	75%		27-125
2-Fluorobiphenyl	147.4	199.8	ug/Kg	74%		30-120
Terphenyl-d14	172.7	199.8	ug/Kg	86%		33-155

ENTHALPY ANALYTICAL

Batch QC

Type:	**Matrix Spike**	**Lab ID:**	**QC1063316**	**Batch:**	**313222**
Matrix (Source ID):	**Soil (484369-001)**	**Method:**	**EPA 8270C-SIM**	**Prep Method:**	**EPA 3546**

QC1063316 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
1-Methylnaphthalene	170.1	ND	198.0	ug/Kg	86%		25-130	25
2-Methylnaphthalene	162.8	ND	198.0	ug/Kg	82%		32-133	25
Naphthalene	174.7	ND	198.0	ug/Kg	88%		33-130	25
Acenaphthylene	171.7	ND	198.0	ug/Kg	87%		14-157	25
Acenaphthene	170.6	ND	198.0	ug/Kg	86%		28-134	25
Fluorene	169.2	ND	198.0	ug/Kg	85%		27-140	25
Phenanthrene	252.0	ND	198.0	ug/Kg	127%		29-147	25
Anthracene	185.6	ND	198.0	ug/Kg	94%		24-156	25
Fluoranthene	352.7	110.3	198.0	ug/Kg	122%		28-160	25
Pyrene	370.0	121.4	198.0	ug/Kg	126%		26-153	25
Benzo(a)anthracene	285.8	72.86	198.0	ug/Kg	108%		26-174	25
Chrysene	324.0	110.0	198.0	ug/Kg	108%		40-139	25
Benzo(b)fluoranthene	348.4	126.4	198.0	ug/Kg	112%		36-164	25
Benzo(k)fluoranthene	220.8	ND	198.0	ug/Kg	112%		36-161	25
Benzo(a)pyrene	320.3	105.4	198.0	ug/Kg	109%		18-173	25
Indeno(1,2,3-cd)pyrene	246.4	61.82	198.0	ug/Kg	93%		26-154	25
Dibenz(a,h)anthracene	172.2	ND	198.0	ug/Kg	87%		38-132	25
Benzo(g,h,i)perylene	283.0	98.89	198.0	ug/Kg	93%		36-130	25
Surrogates								
Nitrobenzene-d5	158.1		198.0	ug/Kg	80%		27-125	25
2-Fluorobiphenyl	161.4		198.0	ug/Kg	81%		30-120	25
Terphenyl-d14	165.7		198.0	ug/Kg	84%		33-155	25

ENTHALPY ANALYTICAL

Batch QC

Type:	**Matrix Spike Duplicate**	**Lab ID:**	**QC1063317**	**Batch:**	**313222**
Matrix (Source ID):	**Soil (484369-001)**	**Method:**	**EPA 8270C-SIM**	**Prep Method:**	**EPA 3546**

QC1063317 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
1-Methylnaphthalene	171.7	ND	199.4	ug/Kg	86%		25-130	0	35	25
2-Methylnaphthalene	169.5	ND	199.4	ug/Kg	85%		32-133	3	35	25
Naphthalene	167.1	ND	199.4	ug/Kg	84%		33-130	5	35	25
Acenaphthylene	164.9	ND	199.4	ug/Kg	83%		14-157	5	35	25
Acenaphthene	180.8	ND	199.4	ug/Kg	91%		28-134	5	35	25
Fluorene	178.6	ND	199.4	ug/Kg	90%		27-140	5	35	25
Phenanthrene	348.4	ND	199.4	ug/Kg	175%	*	29-147	31	35	25
Anthracene	210.8	ND	199.4	ug/Kg	106%		24-156	12	35	25
Fluoranthene	551.0	110.3	199.4	ug/Kg	221%	*	28-160	43*	35	25
Pyrene	550.9	121.4	199.4	ug/Kg	215%	*	26-153	39*	35	25
Benzo(a)anthracene	372.0	72.86	199.4	ug/Kg	150%		26-174	26	35	25
Chrysene	418.1	110.0	199.4	ug/Kg	155%	*	40-139	25	35	25
Benzo(b)fluoranthene	420.9	126.4	199.4	ug/Kg	148%		36-164	18	35	25
Benzo(k)fluoranthene	286.2	ND	199.4	ug/Kg	144%		36-161	25	35	25
Benzo(a)pyrene	398.6	105.4	199.4	ug/Kg	147%		18-173	21	35	25
Indeno(1,2,3-cd)pyrene	282.6	61.82	199.4	ug/Kg	111%		26-154	13	35	25
Dibenz(a,h)anthracene	175.1	ND	199.4	ug/Kg	88%		38-132	1	35	25
Benzo(g,h,i)perylene	315.2	98.89	199.4	ug/Kg	108%		36-130	10	35	25
Surrogates										
Nitrobenzene-d5	152.5		199.4	ug/Kg	76%		27-125			25
2-Fluorobiphenyl	155.1		199.4	ug/Kg	78%		30-120			25
Terphenyl-d14	167.6		199.4	ug/Kg	84%		33-155			25

* Value is outside QC limits
ND Not Detected
b See narrative

Enthalpy Analytical
931 West Barkley Ave
Orange, CA 92868
(714) 771-6900

enthalpy.com

Lab Job Number: 484472
Report Level: II
Report Date: 05/11/2023

Analytical Report *prepared for:*

Peter Sims
Farallon Consulting
330 Franklin Street
Suite 200
Oakland, CA 94612

Project: 1363-005-006 - Brisbane Quarry

Authorized for release by:

Sophia Baughman, Project Manager
sophia.baughman@enthalpy.com

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 above signature which applies to this PDF file as well as any associated electronic data deliverable files. The results contained in this report meet all requirements of NELAP and pertain only to those samples which were submitted for analysis. This report may be reproduced only in its entirety.

CA ELAP# 1338, NELAP# 4038, SCAQMD LAP# 18LA0518, LACSD ID# 10105

ENTHALPY ANALYTICAL

Sample Summary

Peter Sims
Farallon Consulting
330 Franklin Street
Suite 200
Oakland, CA 94612

Lab Job #:	484472
Project No:	1363-005-006
Location:	Brisbane Quarry
Date Received:	05/03/23

Sample ID	Lab ID	Collected	Matrix
F-18-1	484472-001	05/02/23 13:42	Soil
F-18-5	484472-002	05/02/23 13:52	Soil
F-18-10	484472-003	05/02/23 14:04	Soil
F-18-15	484472-004	05/02/23 14:38	Soil
F-18-20	484472-005	05/02/23 14:56	Soil
F-18-25	484472-006	05/02/23 15:13	Soil
F-18-30	484472-007	05/02/23 15:20	Soil
F-18-35	484472-008	05/02/23 15:34	Soil
F-18-40	484472-009	05/02/23 15:45	Soil
F-18-45	484472-010	05/02/23 15:50	Soil
F-18-50	484472-011	05/02/23 15:55	Soil
F-18-55	484472-012	05/02/23 16:02	Soil
F-18-60	484472-013	05/02/23 16:10	Soil
F-16-1	484472-014	05/03/23 09:22	Soil
F-19-1	484472-015	05/03/23 10:07	Soil
F-19-5	484472-016	05/03/23 10:28	Soil
F-19-10	484472-017	05/03/23 10:39	Soil
F-19-15	484472-018	05/03/23 10:51	Soil
F-19-20	484472-019	05/03/23 11:00	Soil
F-19-25	484472-020	05/03/23 11:11	Soil
F-19-30	484472-021	05/03/23 11:23	Soil
F-19-35	484472-022	05/03/23 11:30	Soil
F-19-40	484472-023	05/03/23 11:53	Soil
F-19-45	484472-024	05/03/23 12:02	Soil
F-16-2	484472-025	05/03/23 09:25	Soil

ENTHALPY ANALYTICAL

Case Narrative

Farallon Consulting	Lab Job Number: 484472
330 Franklin Street	Project No: 1363-005-006
Suite 200	Location: Brisbane Quarry
Oakland, CA 94612	Date Received: 05/03/23
Peter Sims	

This data package contains sample and QC results for eight soil samples, requested for the above referenced project on 05/03/23. The samples were received cold and intact.

TPH-Purgeables and/or BTXE by GC (EPA 8015B):
No analytical problems were encountered.

TPH-Extractables by GC (EPA 8015M):

- F-18-1 (lab # 484472-001), F-19-1 (lab # 484472-015), and F-19-20 (lab # 484472-019) were diluted due to the dark color of the sample extracts.
- No other analytical problems were encountered.

Volatile Organics by GC/MS (EPA 8260B):
No analytical problems were encountered.

Semivolatile Organics by GC/MS (EPA 8270C):

- F-19-1 (lab # 484472-015) was diluted due to the dark and viscous nature of the sample extract.
- No other analytical problems were encountered.

Pesticides (EPA 8081A):

- F-18-20 (lab # 484472-005) and F-19-30 (lab # 484472-021) were diluted due to the color of the sample extracts.
- No other analytical problems were encountered.

PCBs (EPA 8082):

- F-18-20 (lab # 484472-005) and F-19-30 (lab # 484472-021) were diluted due to the color of the sample extracts.
- No other analytical problems were encountered.

Metals (EPA 6010B and EPA 7471A):

- High response was observed for thallium in the ICV analyzed 05/05/23 09:09; affected data was qualified with "b".
- Low recoveries were observed for antimony in the MS/MSD for batch 313263; the parent sample was not a project sample, the LCS was within limits, and the associated RPD was within limits.
- No other analytical problems were encountered.

Asbestos (CARB 435):
SGS Forensic in Hayward, CA performed the analysis (see sublab report section for certifications). Please see the SGS Forensic case narrative.

ENTHALPY ANALYTICAL

Chain of Custody Record — Lab No: 484472 — Page: 1 of 3

Turn Around Time (rush by advanced notice only)

Standard:	X	5 Day:		3 Day:	
2 Day:		1 Day:		Custom TAT:	

Enthalpy Analytical - Berkeley
2323 5th Street, Berkeley, CA 94710
Phone 510-486-0900

Matrix: A = Air S = Soil/Solid W = Water DW = Drinking Wate SD = Sediment PP = Pure Product SEA = Sea Water SW = Swab T = Tissue WP = Wipe O = Other

Preservatives: 1 = $Na_2S_2O_3$ 2 = HCl 3 = HNO_3 4 = H_2SO_4 5 = NaOH 6 = Other 7=Methanol 8= UPBW

Sample Receipt Temp: (lab use only)

CUSTOMER INFORMATION		PROJECT INFORMATION	
Company:	Farallon Consulting	Name:	Brisbane Quarry
Report To:	Peter Sims	Number:	1363-005-006
Email:	Psims@farallonconsulting.com	P.O. #:	
Address:	330 Franklin Street, Suite 200	Address:	1 Quarry Road
	Oakland, CA 94607		Brisbane, California 94005
Phone:	949-338-8317	Global ID:	
Fax:		Sampled By:	J DePriest/L. Mosqueda

	Sample ID	Sampling Date	Sampling Time	Matrix	Container No. / Size	Pres.	GRO by 8015M	DRO by 8015M	ORO by 8015M	VOCs by 8260B	SVOCs by 8270	PAHs by 8270	OCPs by 8081	PCBs by 8082	Title 22 Metals by 6010D/7471	Silica by 6010D	pH by 9045D	Asbestos by CARB 435	HOLD FOR ANALYSIS	Test Instructions / Comments
1	F-18-1	5/2/23	1342	S	6/2x 6oz 4xVOA	7+8	X	X	X	X	X				X	28				
2	F-18-5		1352																X	
3	F-18-10		1404																X	
4	F-18-15		1438																X	
5	F-18-20		1456				X	X	X	X	X		X	X	X					
6	F-18-25		1513																X	
7	F-18-30		1520																X	
8	F-18-35		1534																X	
9	F-18-40		1545												X					
10	F-18-45	↓	1550	↓	↓	↓													X	

	Signature	Print Name	Company / Title	Date / Time
[1] Relinquished By:	Jacqueline DePriest	Jackie DePriest	Farallon Engineer	5/3/23 14:07
[1] Received By:	Audrey Hudson	Audrey Hudson	ENTHALPY	5/3/23 14:07
[2] Relinquished By:	Audrey Hudson	"	"	5/3/23 15:45
[2] Received By:		JJP	Enthalpy	5-3-23 19:48
[3] Relinquished By:		JJP	Enthalpy	5.3.23 17:52
[3] Received By:		Mira	en	5/4/2023 10:15 am

ENTHALPY ANALYTICAL

Chain of Custody Record

Lab No: 484472

Page: 2 of 3

Turn Around Time (rush by advanced notice only)

Standard:	X	5 Day:		3 Day:	
2 Day:		1 Day:		Custom TAT:	

Enthalpy Analytical - Berkeley
2323 5th Street, Berkeley, CA 94710
Phone 510-486-0900

Matrix: A = Air S = Soil/Solid W = Water DW = Drinking Wate SD = Sediment PP = Pure Product SEA = Sea Water SW = Swab T = Tissue WP = Wipe O = Other

Preservatives: 1 = $Na_2S_2O_3$ 2 = HCl 3 = HNO_3 4 = H_2SO_4 5 = NaOH 6 = Other

Sample Receipt Temp: (lab use only)

CUSTOMER INFORMATION		PROJECT INFORMATION	
Company:	Farallon Consulting	Name:	Brisbane Quarry
Report To:	Peter Sims	Number:	1363-005-006
Email:	Psims@farallonconsulting.com	P.O. #:	
Address:	330 Franklin Street, Suite 200	Address:	1 Quarry Road
	Oakland, CA 94607		Brisbane, California 94005
Phone:	949-338-8317	Global ID:	
Fax:		Sampled By:	J DePriest/L. Mosqueda

	Sample ID	Sampling Date	Sampling Time	Matrix	Container No. / Size	Pres.	GRO by 8015M	DRO by 8015M	ORO by 8015M	VOCs by 8260B	SVOCs by 8270	PAHs by 8270	OCPs by 8081	PCBs by 8082	Title 22 Metals by 6010D/7471	Silica by 6010D	pH by 9045D	Asbestos by CARB 435	HOLD FOR ANALYSIS	Test Instructions / Comments
1	F-18-50	5/2/23	1555	S	6/ 2x 160Z 4x VOA	methanol UPSW													X	
2	F-18-55	↓	1602		6/ 2x 160Z 4x VOA														X	
3	F-18-60	↓	1610		6/ 2x 160Z 4x VOA										X					
4	F-16-1	5/3/23	0922		6/ 2x 160Z 4x VOA		X	X	X	X	X				X			X	X	2D
5	F-19-1 ~~F-16-50~~	5/3/23	1007		6/ 2x 160Z 4x VOA		X	X	X	X	X				X					
6	F-19-5 ~~F-16-18~~	5/3/23	1028		5/ 1x 160Z 4x VOA														X	
7	F-19-10 ~~F-16-19~~	5/3/23	1039		6/ 2x 160Z 4x VOA														X	
8	F-19-15 ~~F-16-20~~	5/3/23	1051		6/														X	
9	F-19-20 ~~F-16-25~~	5/3/23	1100		6/		X	X	X	X	X				X					
10	F-19-25 ~~F-16-30~~	5/3/23	11:11	↓	6/ ↓	↓													X	

	Signature	Print Name	Company / Title	Date / Time
1 Relinquished By:	Jacquelin DePriest	Jackie DePriest	Farallon Engineer	5/3/23 4:07
1 Received By:	Audrey Hudson	AUDREY HUDSON	ENTHALPY	5/3/23 14:07
2 Relinquished By:	Audrey Hudson	"	"	5/3/23 15:45
2 Received By:		JJP	Enthalpy	5.3.23 15:48
3 Relinquished By:		JJP	Enthalpy	5.3.23 17:52
3 Received By:		hita	en	5/4/2023 10:15 am

ENTHALPY ANALYTICAL

Chain of Custody Record

Lab No: 484472

Page: 3 of 3

Turn Around Time (rush by advanced notice only)

Standard:	X	5 Day:		3 Day:	
2 Day:		1 Day:		Custom TAT:	

Enthalpy Analytical - Berkeley

2323 5th Street, Berkeley, CA 94710

Phone 510-486-0900

Matrix: A = Air S = Soil/Solid W = Water DW = Drinking Wate SD = Sediment PP = Pure Product SEA = Sea Water SW = Swab T = Tissue WP = Wipe O = Other

Preservatives: 1 = $Na_2S_2O_3$ 2 = HCl 3 = HNO_3 4 = H_2SO_4 5 = NaOH 6 = Other

Sample Receipt Temp: (lab use only)

CUSTOMER INFORMATION		PROJECT INFORMATION	
Company:	Farallon Consulting	Name:	Brisbane Quarry
Report To:	Peter Sims	Number:	1363-005-006
Email:	Psims@farallonconsulting.com	P.O. #:	
Address:	330 Franklin Street, Suite 200	Address:	1 Quarry Road
	Oakland, CA 94607		Brisbane, California 94005
Phone:	949-338-8317	Global ID:	
Fax:		Sampled By:	J DePriest/L. Mosqueda

	Sample ID	Sampling Date	Sampling Time	Matrix	Container No. / Size	Pres.	GRO by 8015M	DRO by 8015M	ORO by 8015M	VOCs by 8260B	SVOCs by 8270	PAHs by 8270	OCPs by 8081	PCBs by 8082	Title 22 Metals by 6010D/7471	Silica by 6010D	pH by 9045D	Asbestos by CARB 435	HOLD FOR ANALYSIS	Test Instructions / Comments
1	F-19-30	5/3/23	11:23	S	6/2x 1602 4x VOA	methanol UPON	X	X	X	X	X		X	X	X					
2	F-19-35	5/3/23	11:30	S	6/2x 1602 4x VOA															
3	F-19-40	5/3/23	11:53	S	6/2x 1602 4x VOA		X	X	X	X	X		X	X	X		(pH)		X	HOLD FOR ANALYSIS
4	F-19-45	5/3/23	1202	S	5/160z jar 4 VOAS	↓											(pH)	X	X	HOLD FOR Analysis
5	F-16-2	5/3/23	0925	S	1/20z jar	NO												X		
6																				
7																				
8																				
9																				
10																				

	Signature	Print Name	Company / Title	Date / Time
[1] Relinquished By:	Jacqueline DePriest	Jackie DePriest	Farallon Engineer	5/3/2023 1407
[1] Received By:	Audrey Hudson	AUDREY HUDSON	ENTHALPY	5/3/2023 14:07
[2] Relinquished By:	Audrey Hudson	"	"	5/3/23 15:45
[2] Received By:		JJP	Enthalpy	5.3.23 19:48
[3] Relinquished By:		JJP	Enthalpy	5.3.23 17:52
[3] Received By:		hlh	La	5/4/2023 10:15am

SAMPLE RECEIPT CHECKLIST

Section 1: Login # 484472 Client: Farallon

Date Received: 5/3/23 Project: _____

ENTHALPY

Section 2: Shipping info (if applicable) _____

Are custody seals present? ☑ No, or ☐ Yes. If yes, where? ☐ on cooler, ☐ on samples, ☐ on package

☐ Date: _____ How many _____ ☐ Signature, ☐ Initials, ☐ None

Were custody seals intact upon arrival? ☐ Yes ☐ No ☐ N/A

Samples received in a cooler? ☑ Yes, how many? 2 ☐ No **(skip Section 3 below)**

If no cooler Sample Temp (°C): _____ using IR Gun # ☐ B, or ☐ C

☐ Samples received on ice directly from the field. Cooling process had begun

If in cooler: Date Opened 5/3/23 By (print) ium _____ (sign) _____

Section 3: ***Important*: Notify PM if temperature exceeds 6°C or arrive frozen.**

Packing in cooler: (if other, describe) _____

☐ Bubble Wrap, ☐ Foam blocks, ☑ Bags, ☐ None, ☐ Cloth material, ☐ Cardboard, ☐ Styrofoam, ☐ Paper towels

☐ Samples received on ice directly from the field. Cooling process had begun

Type of ice used : ☑ Wet, ☐ Blue/Gel, ☐ None Temperature blank(s) included? ☑ Yes, ☐ No

Temperature measured using ☐ Thermometer ID: _____, or IR Gun # ☑ B ☐ C

Cooler Temp (°C): #1: 4.3, #2: 4.3, #3: _____, #4: _____, #5: _____, #6: _____, #7: _____

Section 4:	YES	NO	N/A
Were custody papers dry, filled out properly, and the project identifiable	✓		
Were Method 5035 sampling containers present?	✓		
If YES, what time were they transferred to freezer? _____			
Did all bottles arrive unbroken/unopened?		✓	
Are there any missing / extra samples?		✓	
Are samples in the appropriate containers for indicated tests?	✓		
Are sample labels present, in good condition and complete? ☆	✓		
Does the container count match the COC?	✓		
Do the sample labels agree with custody papers?	✓		
Was sufficient amount of sample sent for tests requested?	✓		
Did you change the hold time in LIMS for unpreserved VOAs?			✓
Did you change the hold time in LIMS for preserved terracores?		✓	
Are bubbles > 6mm present in VOA samples?			✓
Was the client contacted concerning this sample delivery?		✓	
If YES, who was called? _____ By _____ Date: _____			

Section 5:	YES	NO	N/A
Are the samples appropriately preserved? (if N/A, skip the rest of section 5)			
Did you check preservatives for all bottles for each sample?			
Did you document your preservative check?			

pH strip lot# _____, pH strip lot# _____, pH strip lot# _____

Preservative added:

☐ H2SO4 lot# _____ added to samples _____ on/at _____

☐ HCL lot# _____ added to samples _____ on/at _____

☐ HNO3 lot# _____ added to samples _____ on/at _____

☐ NaOH lot# _____ added to samples _____ on/at _____

Section 6:

Explanations/Comments: -014 1 of 2 sleeves arrived without caps. -011 1 of 2 sleeves label (marker) smeared off. 2 of 2 ALMOST smeared off. -019 4 teflon VOAs unlabeled. -007 has full second set of terracore VOAs labeled by elimination

Date Logged in 5/3/23 **By (print)** MJ _____ **(sign)** _____

Date Labeled 5.3.23 **By (print)** JJT _____ **(sign)** _____

ENTHALPY ANALYTICAL

SAMPLE ACCEPTANCE CHECKLIST

Section 1

Client: Farallon

Project: 1 Quarry Road - Brisbane, CA 94005

Date Received: 5/4/2023

Sampler's Name Present: ☑ Yes ☐ No

Section 2

Sample(s) received in a cooler? ☑ Yes, How many? 3 ☐ No (skip section 2)

Sample Temp (°C) (No Cooler): _____

Sample Temp (°C), One from each cooler: #1: 4.7 #2: 6.0 #3: 2.0 #4: _____

(Acceptance range is < 6°C but not frozen (for Microbiology samples, acceptance range is < 10°C but not frozen). It is acceptable for samples collected the same day as sample receipt to have a higher temperature as long as there is evidence that cooling has begun.)

Shipping Information: _____

Section 3

Was the cooler packed with: ☑ Ice ☑ Ice Packs ☐ Bubble Wrap ☐ Styrofoam ☐ Paper ☐ None ☐ Other _____

Cooler Temp (°C): #1: 3.9 #2: 5.0 #3: 0.9 #4: _____

Section 4	YES	NO	N/A
Was a COC received?	✓		
Are sample IDs present?	✓		
Are sampling dates & times present?	✓		
Is a relinquished signature present?	✓		
Are the tests required clearly indicated on the COC?	✓		
Are custody seals present?	✓		
If custody seals are present, were they intact?	✓		
Are all samples sealed in plastic bags? (Recommended for Microbiology samples)			✓
Did all samples arrive intact? If no, indicate in Section 4 below.	✓		
Did all bottle labels agree with COC? (ID, dates and times)	✓		
Were the samples collected in the correct containers for the required tests?	✓		
Are the containers labeled with the correct preservatives?			✓
Is there headspace in the VOA vials greater than 5-6 mm in diameter?			✓
Was a sufficient amount of sample submitted for the requested tests?	✓		

Section 5 Explanations/Comments

Section 6

For discrepancies, how was the Project Manager notified? ☐ Verbal PM Initials: _____ Date/Time _____

☐ Email (email sent to/on): _____ / _____

Project Manager's response:

Completed By: _____ Date: 5/4/2023

SOUTHWEST AIRLINES

Printed on:
03 MAY 16:45

526 OAK 8775 9453

SNA

PC# 3 OF 7 | DG G | LOT WT 350 LB (158.8 KG)

OAK WN 2292 04 MAY 06:05

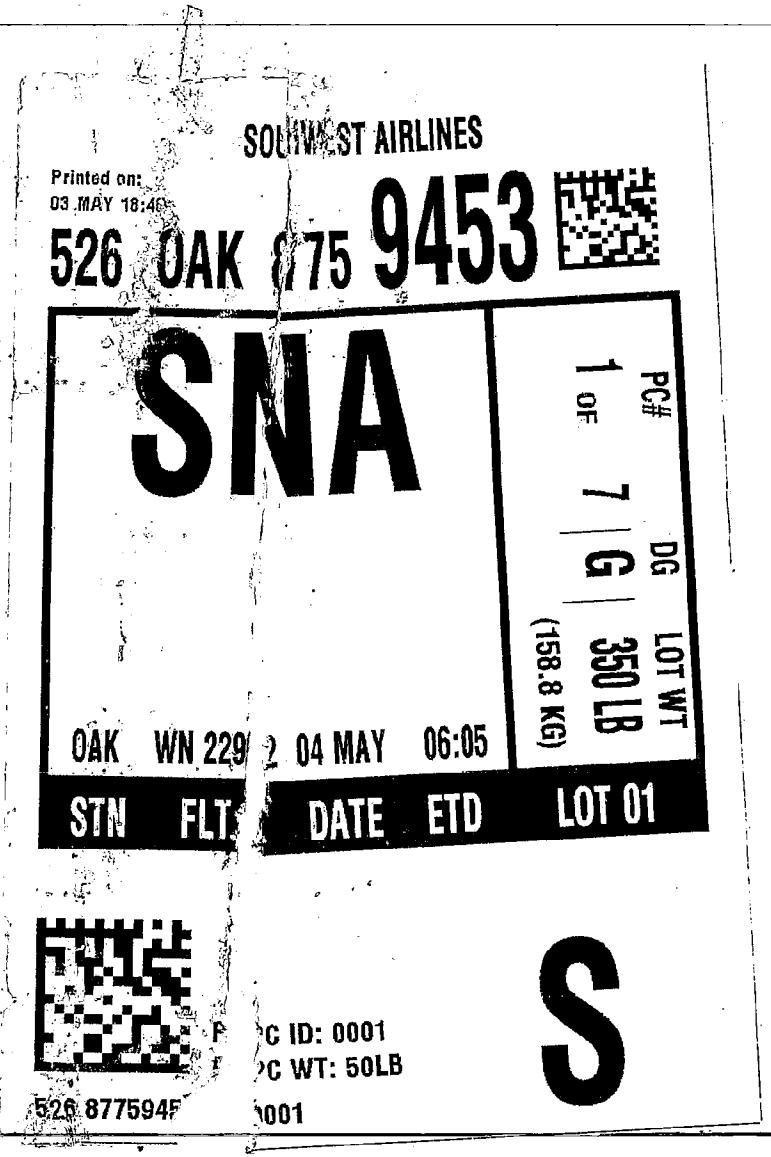
STN FLT DATE ETD LOT 01

PC ID: 0003
PC WT: 50LB

S

526 87759453 0003


Printed on:
03 MAY 16:45
SOUTHWEST AIRLINES
526 OAK 8775 9453
SNA
PC#
5 OF 7
DG
G
LOT WT
350 LB
(158.8 KG)
OAK WN 2292 04 MAY 06:05
STN FLT DATE ETD
LOT 01
PC ID: 0005
PC WT: 50LB
526 87759453 0005
S


SOUTHWEST AIRLINES
Printed on:
03 MAY 18:46
526 OAK 0775 9453
SNA
PC# 1 OF 7
DG G
LOT WT 350 LB (158.8 KG)
OAK WN 229 2 04 MAY 06:05
STN FLT DATE ETD LOT 01
526 8775945
001
C ID: 0001
C WT: 50LB
S

TEMP

20 / 0.9

526 | OAK | 87759453

526 - 87759453

Shipper's Name and Address	Shipper's Account Number
ENTHALPY ANALYTICAL, LLC 931 W BARKLEY AVE ORANGE, CA 92868 US +1 (714) 771-6900	103977 - 1

Not Negotiable / Issued by

52687759453

Southwest Cargo

swacargo.com (800) 533-1222

Copies 1, 2 and 3 of this Air Waybill are originals and have the same validity.

Consignee's Name and Address	Consignee's Account Number
ENTHALPY ANALYTICAL, LLC 931 W BARKLEY AVE ORANGE, CA 92868 US +1 (714) 771-6900	103977 - 1

It is agreed that the goods described herein are accepted in apparent good order and condition (except as noted) for carriage **subject to Southwest Airlines' Contract of Carriage which is www.swacargo.com and any location where air waybills are available. Shipper's attention is drawn to the terms of the contract which includes, among other things; (1) Limits on Carriers' liability for loss, damage, or delay of goods, including fragile or perishable goods; (2) Claim restrictions, including time within which shippers or consignees must file a claim or bring an action against the carrier for its acts or omissions or those of its agents; (3) Right of the carrier to change the terms of the contract; (4) Rules about refusal to carry; and (5) Rights of the carrier and limitations, concerning delay or failure to perform service, including schedule changes, rerouting, substitution of an alternate carrier or aircraft, or means of carriage including road unless specific contrary instructions are given hereon by shipper, and shipper agrees the shipment may be carried via intermediate stopping places the carrier deems appropriate.** Shipper may increase liability limits by declaring a higher value for carriage and paying a supplemental charge if required.

Issuing Carrier's Agent Name and City

Accounting Information

Billed on 05/03/2023 18:43 PDT SWA ACCOUNT 103977

Agent's IATA Code	Account No.

Airport of Departure (Addr. of First Carrier) and Requested Routing

OAKLAND

Service Level - S

To	By First Carrier	To	By	To	By	Currency	CHGS Code	WT.VAL PPD	WT.VAL COLL	Other PPD	Other COLL	Declared Value for Carriage	Declared Value for Customs
SNA	SOUTHWEST AIRLINES					USD	PP	X		X		NVD	

Airport of Destination	Flight Date (For Carrier Use Only)	Flight Date	Amount of Insurance	INSURANCE - If carrier offers insurance, and such insurance is requested in accordance with the conditions thereof, indicate amount to be insured in figures in box marked "Amount of Insurance".
SNA	WN2292 / 04MAY			

HANDLING INFORMATION -

SCI

No. of Pieces RCP	Gross Weight	kg lb	Rate Class	Commodity Item No.	Chargeable Weight	Rate / Charge	Total	Nature and Quantity of Goods (Inc. Dimensions or Volume)
7	350	L	Q	0000	350	As Agreed	*******	SOIL/WATER/AIR SAMPLES DIMS IN INCHES: 4 = 24 X 15 X 14 1 = 18 X 18 X 18 1 = 9 X 9 X 14 1 = 14 X 23 X 14
7	350						*******	

Prepaid	Weight Charge	Collect

Valuation Charge

Tax

Total Other Charges Due Agent

Total Other Charges Due Carrier

****

Total Prepaid	Total Collect

Other Charges and Description

MYC 0.00 SCC 0.00

Shipper certifies that the particulars on the face hereof are correct and that **insofar as any part of the consignment contains dangerous goods, such part is properly described by name and is in proper condition for carriage by air according to the applicable Dangerous Goods Regulations.** I consent that this shipment shall be subject to search by the Carrier.

REBECCA BETANCOURT

Signature of Shipper or his Agent

Currency Conversion Rates	CC Charges in Dest.Currency	Executed on (date and time)	At (place)	Signature of Issuing Carrier or its Agent
		05/03/2023 18:44 PDT	OAK	E68822

For Carriers Use only at Destination	Charges at Destination	Total Collect Charges

526 - 87759453

ORIGINAL 2 (FOR CONSIGNEE)

ENTHALPY ANALYTICAL

Analysis Results for 484472

Peter Sims
Farallon Consulting
330 Franklin Street
Suite 200
Oakland, CA 94612

Lab Job #: 484472
Project No: 1363-005-006
Location: Brisbane Quarry
Date Received: 05/03/23

Sample ID: F-18-1 **Lab ID: 484472-001** **Collected: 05/02/23 13:42**
Matrix: Soil

484472-001 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 6010B Prep Method: EPA 3050B									
Antimony	ND		mg/Kg	2.8	0.93	313263	05/05/23	05/05/23	SBW
Arsenic	**5.2**		mg/Kg	0.93	0.93	313263	05/05/23	05/05/23	SBW
Barium	**89**		mg/Kg	0.93	0.93	313263	05/05/23	05/05/23	SBW
Beryllium	**0.48**		mg/Kg	0.46	0.93	313263	05/05/23	05/05/23	SBW
Cadmium	ND		mg/Kg	0.46	0.93	313263	05/05/23	05/05/23	SBW
Chromium	**46**		mg/Kg	0.93	0.93	313263	05/05/23	05/05/23	SBW
Cobalt	**12**		mg/Kg	0.46	0.93	313263	05/05/23	05/05/23	SBW
Copper	**21**		mg/Kg	0.93	0.93	313263	05/05/23	05/05/23	SBW
Lead	**11**		mg/Kg	0.93	0.93	313263	05/05/23	05/05/23	SBW
Molybdenum	**1.5**		mg/Kg	0.93	0.93	313263	05/05/23	05/05/23	SBW
Nickel	**43**		mg/Kg	0.93	0.93	313263	05/05/23	05/05/23	SBW
Selenium	ND		mg/Kg	2.8	0.93	313263	05/05/23	05/05/23	SBW
Silver	ND		mg/Kg	0.46	0.93	313263	05/05/23	05/05/23	SBW
Thallium	ND		mg/Kg	2.8	0.93	313263	05/05/23	05/05/23	SBW
Vanadium	**52**		mg/Kg	0.93	0.93	313263	05/05/23	05/05/23	SBW
Zinc	**45**		mg/Kg	4.6	0.93	313263	05/05/23	05/05/23	SBW
Method: EPA 7471A Prep Method: METHOD									
Mercury	ND		mg/Kg	0.14	1	313400	05/08/23	05/08/23	KAM
Method: EPA 8015B Prep Method: EPA 5030B									
TPH Gasoline	ND		mg/Kg	3.0	1	313445	05/09/23	05/09/23	ILK
Surrogates				**Limits**					
Bromofluorobenzene (FID)	78%		%REC	60-140	1	313445	05/09/23	05/09/23	ILK
Method: EPA 8015M Prep Method: EPA 3580M									
DRO C10-C28	**53**		mg/Kg	50	5	313265	05/05/23	05/06/23	BJG
ORO C28-C44	**180**		mg/Kg	100	5	313265	05/05/23	05/06/23	BJG
Surrogates				**Limits**					
n-Triacontane		DO	%REC	70-130	5	313265	05/05/23	05/06/23	BJG
Method: EPA 8260B Prep Method: EPA 5035									
Freon 12	ND		ug/Kg	3.3	0.65	313357	05/06/23	05/06/23	EJB
Chloromethane	ND		ug/Kg	3.3	0.65	313357	05/06/23	05/06/23	EJB

Results for any subcontracted analyses are not included in this section.

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Analysis Results for 484472

484472-001 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Vinyl Chloride	ND		ug/Kg	3.3	0.65	313357	05/06/23	05/06/23	EJB
Bromomethane	ND		ug/Kg	3.3	0.65	313357	05/06/23	05/06/23	EJB
Chloroethane	ND		ug/Kg	3.3	0.65	313357	05/06/23	05/06/23	EJB
Trichlorofluoromethane	ND		ug/Kg	3.3	0.65	313357	05/06/23	05/06/23	EJB
Acetone	ND		ug/Kg	65	0.65	313357	05/06/23	05/06/23	EJB
Freon 113	ND		ug/Kg	3.3	0.65	313357	05/06/23	05/06/23	EJB
1,1-Dichloroethene	ND		ug/Kg	3.3	0.65	313357	05/06/23	05/06/23	EJB
Methylene Chloride	ND		ug/Kg	3.3	0.65	313357	05/06/23	05/06/23	EJB
MTBE	ND		ug/Kg	3.3	0.65	313357	05/06/23	05/06/23	EJB
trans-1,2-Dichloroethene	ND		ug/Kg	3.3	0.65	313357	05/06/23	05/06/23	EJB
1,1-Dichloroethane	ND		ug/Kg	3.3	0.65	313357	05/06/23	05/06/23	EJB
2-Butanone	ND		ug/Kg	65	0.65	313357	05/06/23	05/06/23	EJB
cis-1,2-Dichloroethene	ND		ug/Kg	3.3	0.65	313357	05/06/23	05/06/23	EJB
2,2-Dichloropropane	ND		ug/Kg	3.3	0.65	313357	05/06/23	05/06/23	EJB
Chloroform	ND		ug/Kg	3.3	0.65	313357	05/06/23	05/06/23	EJB
Bromochloromethane	ND		ug/Kg	3.3	0.65	313357	05/06/23	05/06/23	EJB
1,1,1-Trichloroethane	ND		ug/Kg	3.3	0.65	313357	05/06/23	05/06/23	EJB
1,1-Dichloropropene	ND		ug/Kg	3.3	0.65	313357	05/06/23	05/06/23	EJB
Carbon Tetrachloride	ND		ug/Kg	3.3	0.65	313357	05/06/23	05/06/23	EJB
1,2-Dichloroethane	ND		ug/Kg	3.3	0.65	313357	05/06/23	05/06/23	EJB
Benzene	ND		ug/Kg	3.3	0.65	313357	05/06/23	05/06/23	EJB
Trichloroethene	ND		ug/Kg	3.3	0.65	313357	05/06/23	05/06/23	EJB
1,2-Dichloropropane	ND		ug/Kg	3.3	0.65	313357	05/06/23	05/06/23	EJB
Bromodichloromethane	ND		ug/Kg	3.3	0.65	313357	05/06/23	05/06/23	EJB
Dibromomethane	ND		ug/Kg	3.3	0.65	313357	05/06/23	05/06/23	EJB
4-Methyl-2-Pentanone	ND		ug/Kg	3.3	0.65	313357	05/06/23	05/06/23	EJB
cis-1,3-Dichloropropene	ND		ug/Kg	3.3	0.65	313357	05/06/23	05/06/23	EJB
Toluene	ND		ug/Kg	3.3	0.65	313357	05/06/23	05/06/23	EJB
trans-1,3-Dichloropropene	ND		ug/Kg	3.3	0.65	313357	05/06/23	05/06/23	EJB
1,1,2-Trichloroethane	ND		ug/Kg	3.3	0.65	313357	05/06/23	05/06/23	EJB
1,3-Dichloropropane	ND		ug/Kg	3.3	0.65	313357	05/06/23	05/06/23	EJB
Tetrachloroethene	ND		ug/Kg	3.3	0.65	313357	05/06/23	05/06/23	EJB
Dibromochloromethane	ND		ug/Kg	3.3	0.65	313357	05/06/23	05/06/23	EJB
1,2-Dibromoethane	ND		ug/Kg	3.3	0.65	313357	05/06/23	05/06/23	EJB
Chlorobenzene	ND		ug/Kg	3.3	0.65	313357	05/06/23	05/06/23	EJB
1,1,1,2-Tetrachloroethane	ND		ug/Kg	3.3	0.65	313357	05/06/23	05/06/23	EJB
Ethylbenzene	ND		ug/Kg	3.3	0.65	313357	05/06/23	05/06/23	EJB
m,p-Xylenes	ND		ug/Kg	6.5	0.65	313357	05/06/23	05/06/23	EJB
o-Xylene	ND		ug/Kg	3.3	0.65	313357	05/06/23	05/06/23	EJB
Styrene	ND		ug/Kg	3.3	0.65	313357	05/06/23	05/06/23	EJB
Bromoform	ND		ug/Kg	3.3	0.65	313357	05/06/23	05/06/23	EJB
Isopropylbenzene	ND		ug/Kg	3.3	0.65	313357	05/06/23	05/06/23	EJB
1,1,2,2-Tetrachloroethane	ND		ug/Kg	3.3	0.65	313357	05/06/23	05/06/23	EJB
1,2,3-Trichloropropane	ND		ug/Kg	3.3	0.65	313357	05/06/23	05/06/23	EJB
Propylbenzene	ND		ug/Kg	3.3	0.65	313357	05/06/23	05/06/23	EJB
Bromobenzene	ND		ug/Kg	3.3	0.65	313357	05/06/23	05/06/23	EJB

Results for any subcontracted analyses are not included in this section.

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Analysis Results for 484472

484472-001 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
1,3,5-Trimethylbenzene	ND		ug/Kg	3.3	0.65	313357	05/06/23	05/06/23	EJB
2-Chlorotoluene	ND		ug/Kg	3.3	0.65	313357	05/06/23	05/06/23	EJB
4-Chlorotoluene	ND		ug/Kg	3.3	0.65	313357	05/06/23	05/06/23	EJB
tert-Butylbenzene	ND		ug/Kg	3.3	0.65	313357	05/06/23	05/06/23	EJB
1,2,4-Trimethylbenzene	ND		ug/Kg	3.3	0.65	313357	05/06/23	05/06/23	EJB
sec-Butylbenzene	ND		ug/Kg	3.3	0.65	313357	05/06/23	05/06/23	EJB
para-Isopropyl Toluene	ND		ug/Kg	3.3	0.65	313357	05/06/23	05/06/23	EJB
1,3-Dichlorobenzene	ND		ug/Kg	3.3	0.65	313357	05/06/23	05/06/23	EJB
1,4-Dichlorobenzene	ND		ug/Kg	3.3	0.65	313357	05/06/23	05/06/23	EJB
n-Butylbenzene	ND		ug/Kg	3.3	0.65	313357	05/06/23	05/06/23	EJB
1,2-Dichlorobenzene	ND		ug/Kg	3.3	0.65	313357	05/06/23	05/06/23	EJB
1,2-Dibromo-3-Chloropropane	ND		ug/Kg	3.3	0.65	313357	05/06/23	05/06/23	EJB
1,2,4-Trichlorobenzene	ND		ug/Kg	3.3	0.65	313357	05/06/23	05/06/23	EJB
Hexachlorobutadiene	ND		ug/Kg	3.3	0.65	313357	05/06/23	05/06/23	EJB
Naphthalene	ND		ug/Kg	3.3	0.65	313357	05/06/23	05/06/23	EJB
1,2,3-Trichlorobenzene	ND		ug/Kg	3.3	0.65	313357	05/06/23	05/06/23	EJB
Surrogates				**Limits**					
Dibromofluoromethane	99%		%REC	70-145	0.65	313357	05/06/23	05/06/23	EJB
1,2-Dichloroethane-d4	97%		%REC	70-145	0.65	313357	05/06/23	05/06/23	EJB
Toluene-d8	100%		%REC	70-145	0.65	313357	05/06/23	05/06/23	EJB
Bromofluorobenzene	104%		%REC	70-145	0.65	313357	05/06/23	05/06/23	EJB
Method: EPA 8270C Prep Method: EPA 3546									
Carbazole	ND		ug/Kg	2,500	10	313221	05/04/23	05/05/23	VTN
1-Methylnaphthalene	ND		ug/Kg	2,500	10	313221	05/04/23	05/05/23	VTN
Pyridine	ND		ug/Kg	2,500	10	313221	05/04/23	05/05/23	VTN
N-Nitrosodimethylamine	ND		ug/Kg	2,500	10	313221	05/04/23	05/05/23	VTN
Phenol	ND		ug/Kg	2,500	10	313221	05/04/23	05/05/23	VTN
Aniline	ND		ug/Kg	2,500	10	313221	05/04/23	05/05/23	VTN
bis(2-Chloroethyl)ether	ND		ug/Kg	12,000	10	313221	05/04/23	05/05/23	VTN
2-Chlorophenol	ND		ug/Kg	2,500	10	313221	05/04/23	05/05/23	VTN
1,3-Dichlorobenzene	ND		ug/Kg	2,500	10	313221	05/04/23	05/05/23	VTN
1,4-Dichlorobenzene	ND		ug/Kg	2,500	10	313221	05/04/23	05/05/23	VTN
Benzyl alcohol	ND		ug/Kg	2,500	10	313221	05/04/23	05/05/23	VTN
1,2-Dichlorobenzene	ND		ug/Kg	2,500	10	313221	05/04/23	05/05/23	VTN
2-Methylphenol	ND		ug/Kg	2,500	10	313221	05/04/23	05/05/23	VTN
bis(2-Chloroisopropyl) ether	ND		ug/Kg	2,500	10	313221	05/04/23	05/05/23	VTN
3-,4-Methylphenol	ND		ug/Kg	4,000	10	313221	05/04/23	05/05/23	VTN
N-Nitroso-di-n-propylamine	ND		ug/Kg	2,500	10	313221	05/04/23	05/05/23	VTN
Hexachloroethane	ND		ug/Kg	2,500	10	313221	05/04/23	05/05/23	VTN
Nitrobenzene	ND		ug/Kg	12,000	10	313221	05/04/23	05/05/23	VTN
Isophorone	ND		ug/Kg	2,500	10	313221	05/04/23	05/05/23	VTN
2-Nitrophenol	ND		ug/Kg	2,500	10	313221	05/04/23	05/05/23	VTN
2,4-Dimethylphenol	ND		ug/Kg	2,500	10	313221	05/04/23	05/05/23	VTN
Benzoic acid	ND		ug/Kg	12,000	10	313221	05/04/23	05/05/23	VTN
bis(2-Chloroethoxy)methane	ND		ug/Kg	2,500	10	313221	05/04/23	05/05/23	VTN

Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

Analysis Results for 484472

484472-001 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
2,4-Dichlorophenol	ND		ug/Kg	2,500	10	313221	05/04/23	05/05/23	VTN
1,2,4-Trichlorobenzene	ND		ug/Kg	2,500	10	313221	05/04/23	05/05/23	VTN
Naphthalene	ND		ug/Kg	2,500	10	313221	05/04/23	05/05/23	VTN
4-Chloroaniline	ND		ug/Kg	2,500	10	313221	05/04/23	05/05/23	VTN
Hexachlorobutadiene	ND		ug/Kg	2,500	10	313221	05/04/23	05/05/23	VTN
4-Chloro-3-methylphenol	ND		ug/Kg	2,500	10	313221	05/04/23	05/05/23	VTN
2-Methylnaphthalene	ND		ug/Kg	2,500	10	313221	05/04/23	05/05/23	VTN
Hexachlorocyclopentadiene	ND		ug/Kg	12,000	10	313221	05/04/23	05/05/23	VTN
2,4,6-Trichlorophenol	ND		ug/Kg	2,500	10	313221	05/04/23	05/05/23	VTN
2,4,5-Trichlorophenol	ND		ug/Kg	2,500	10	313221	05/04/23	05/05/23	VTN
2-Chloronaphthalene	ND		ug/Kg	2,500	10	313221	05/04/23	05/05/23	VTN
2-Nitroaniline	ND		ug/Kg	2,500	10	313221	05/04/23	05/05/23	VTN
Dimethylphthalate	ND		ug/Kg	2,500	10	313221	05/04/23	05/05/23	VTN
Acenaphthylene	ND		ug/Kg	2,500	10	313221	05/04/23	05/05/23	VTN
2,6-Dinitrotoluene	ND		ug/Kg	2,500	10	313221	05/04/23	05/05/23	VTN
3-Nitroaniline	ND		ug/Kg	2,500	10	313221	05/04/23	05/05/23	VTN
Acenaphthene	ND		ug/Kg	2,500	10	313221	05/04/23	05/05/23	VTN
2,4-Dinitrophenol	ND		ug/Kg	12,000	10	313221	05/04/23	05/05/23	VTN
4-Nitrophenol	ND		ug/Kg	2,500	10	313221	05/04/23	05/05/23	VTN
Dibenzofuran	ND		ug/Kg	2,500	10	313221	05/04/23	05/05/23	VTN
2,4-Dinitrotoluene	ND		ug/Kg	2,500	10	313221	05/04/23	05/05/23	VTN
Diethylphthalate	ND		ug/Kg	2,500	10	313221	05/04/23	05/05/23	VTN
Fluorene	ND		ug/Kg	2,500	10	313221	05/04/23	05/05/23	VTN
4-Chlorophenyl-phenylether	ND		ug/Kg	2,500	10	313221	05/04/23	05/05/23	VTN
4-Nitroaniline	ND		ug/Kg	2,500	10	313221	05/04/23	05/05/23	VTN
4,6-Dinitro-2-methylphenol	ND		ug/Kg	2,500	10	313221	05/04/23	05/05/23	VTN
N-Nitrosodiphenylamine	ND		ug/Kg	2,500	10	313221	05/04/23	05/05/23	VTN
1,2-diphenylhydrazine (as azobenzene)	ND		ug/Kg	2,500	10	313221	05/04/23	05/05/23	VTN
4-Bromophenyl-phenylether	ND		ug/Kg	2,500	10	313221	05/04/23	05/05/23	VTN
Hexachlorobenzene	ND		ug/Kg	2,500	10	313221	05/04/23	05/05/23	VTN
Pentachlorophenol	ND		ug/Kg	12,000	10	313221	05/04/23	05/05/23	VTN
Phenanthrene	ND		ug/Kg	2,500	10	313221	05/04/23	05/05/23	VTN
Anthracene	ND		ug/Kg	2,500	10	313221	05/04/23	05/05/23	VTN
Di-n-butylphthalate	ND		ug/Kg	2,500	10	313221	05/04/23	05/05/23	VTN
Fluoranthene	ND		ug/Kg	2,500	10	313221	05/04/23	05/05/23	VTN
Benzidine	ND		ug/Kg	12,000	10	313221	05/04/23	05/05/23	VTN
Pyrene	ND		ug/Kg	2,500	10	313221	05/04/23	05/05/23	VTN
Butylbenzylphthalate	ND		ug/Kg	2,500	10	313221	05/04/23	05/05/23	VTN
3,3'-Dichlorobenzidine	ND		ug/Kg	12,000	10	313221	05/04/23	05/05/23	VTN
Benzo(a)anthracene	ND		ug/Kg	2,500	10	313221	05/04/23	05/05/23	VTN
Chrysene	ND		ug/Kg	2,500	10	313221	05/04/23	05/05/23	VTN
bis(2-Ethylhexyl)phthalate	ND		ug/Kg	2,500	10	313221	05/04/23	05/05/23	VTN
Di-n-octylphthalate	ND		ug/Kg	2,500	10	313221	05/04/23	05/05/23	VTN
Benzo(b)fluoranthene	ND		ug/Kg	2,500	10	313221	05/04/23	05/05/23	VTN
Benzo(k)fluoranthene	ND		ug/Kg	2,500	10	313221	05/04/23	05/05/23	VTN
Benzo(a)pyrene	ND		ug/Kg	2,500	10	313221	05/04/23	05/05/23	VTN

Results for any subcontracted analyses are not included in this section.

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Analysis Results for 484472

484472-001 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Indeno(1,2,3-cd)pyrene	ND		ug/Kg	2,500	10	313221	05/04/23	05/05/23	VTN
Dibenz(a,h)anthracene	ND		ug/Kg	2,500	10	313221	05/04/23	05/05/23	VTN
Benzo(g,h,i)perylene	ND		ug/Kg	2,500	10	313221	05/04/23	05/05/23	VTN
Surrogates				**Limits**					
2-Fluorophenol	78%		%REC	29-120	10	313221	05/04/23	05/05/23	VTN
Phenol-d6	88%		%REC	30-120	10	313221	05/04/23	05/05/23	VTN
2,4,6-Tribromophenol	103%		%REC	32-120	10	313221	05/04/23	05/05/23	VTN
Nitrobenzene-d5	87%		%REC	33-120	10	313221	05/04/23	05/05/23	VTN
2-Fluorobiphenyl	91%		%REC	39-120	10	313221	05/04/23	05/05/23	VTN
Terphenyl-d14	96%		%REC	44-125	10	313221	05/04/23	05/05/23	VTN

Results for any subcontracted analyses are not included in this section.

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Analysis Results for 484472

Sample ID: F-18-20	Lab ID: 484472-005	Collected: 05/02/23 14:56
	Matrix: Soil	

484472-005 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 6010B Prep Method: EPA 3050B									
Antimony	ND		mg/Kg	2.9	0.95	313263	05/05/23	05/05/23	SBW
Arsenic	**5.7**		mg/Kg	0.95	0.95	313263	05/05/23	05/05/23	SBW
Barium	**150**		mg/Kg	0.95	0.95	313263	05/05/23	05/05/23	SBW
Beryllium	**0.65**		mg/Kg	0.48	0.95	313263	05/05/23	05/05/23	SBW
Cadmium	ND		mg/Kg	0.48	0.95	313263	05/05/23	05/05/23	SBW
Chromium	**39**		mg/Kg	0.95	0.95	313263	05/05/23	05/05/23	SBW
Cobalt	**12**		mg/Kg	0.48	0.95	313263	05/05/23	05/05/23	SBW
Copper	**23**		mg/Kg	0.95	0.95	313263	05/05/23	05/05/23	SBW
Lead	**12**		mg/Kg	0.95	0.95	313263	05/05/23	05/05/23	SBW
Molybdenum	**1.3**		mg/Kg	0.95	0.95	313263	05/05/23	05/05/23	SBW
Nickel	**41**		mg/Kg	0.95	0.95	313263	05/05/23	05/05/23	SBW
Selenium	ND		mg/Kg	2.9	0.95	313263	05/05/23	05/05/23	SBW
Silver	ND		mg/Kg	0.48	0.95	313263	05/05/23	05/05/23	SBW
Thallium	ND		mg/Kg	2.9	0.95	313263	05/05/23	05/05/23	SBW
Vanadium	**44**		mg/Kg	0.95	0.95	313263	05/05/23	05/05/23	SBW
Zinc	**70**		mg/Kg	4.8	0.95	313263	05/05/23	05/05/23	SBW
Method: EPA 7471A Prep Method: METHOD									
Mercury	ND		mg/Kg	0.14	1	313400	05/08/23	05/08/23	KAM
Method: EPA 8015B Prep Method: EPA 5035									
TPH Gasoline	ND		mg/Kg	1.8	0.58	313445	05/09/23	05/09/23	ILK
Surrogates				**Limits**					
Bromofluorobenzene (FID)	78%		%REC	60-140	0.58	313445	05/09/23	05/09/23	ILK
Method: EPA 8015M Prep Method: EPA 3580M									
DRO C10-C28	ND		mg/Kg	9.9	0.99	313265	05/05/23	05/06/23	BJG
ORO C28-C44	ND		mg/Kg	20	0.99	313265	05/05/23	05/06/23	BJG
Surrogates				**Limits**					
n-Triacontane	88%		%REC	70-130	0.99	313265	05/05/23	05/06/23	BJG
Method: EPA 8081A Prep Method: EPA 3546									
alpha-BHC	ND		ug/Kg	25	4.9	313275	05/05/23	05/05/23	MES
beta-BHC	ND		ug/Kg	25	4.9	313275	05/05/23	05/05/23	MES
gamma-BHC	ND		ug/Kg	25	4.9	313275	05/05/23	05/05/23	MES
delta-BHC	ND		ug/Kg	25	4.9	313275	05/05/23	05/05/23	MES
Heptachlor	ND		ug/Kg	25	4.9	313275	05/05/23	05/05/23	MES
Aldrin	ND		ug/Kg	25	4.9	313275	05/05/23	05/05/23	MES
Heptachlor epoxide	ND		ug/Kg	25	4.9	313275	05/05/23	05/05/23	MES
Endosulfan I	ND		ug/Kg	25	4.9	313275	05/05/23	05/05/23	MES

Results for any subcontracted analyses are not included in this section.

Analysis Results for 484472

484472-005 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Dieldrin	ND		ug/Kg	25	4.9	313275	05/05/23	05/05/23	MES
4,4'-DDE	ND		ug/Kg	25	4.9	313275	05/05/23	05/05/23	MES
Endrin	ND		ug/Kg	25	4.9	313275	05/05/23	05/05/23	MES
Endosulfan II	ND		ug/Kg	25	4.9	313275	05/05/23	05/05/23	MES
Endosulfan sulfate	ND		ug/Kg	25	4.9	313275	05/05/23	05/05/23	MES
4,4'-DDD	ND		ug/Kg	25	4.9	313275	05/05/23	05/05/23	MES
Endrin aldehyde	ND		ug/Kg	25	4.9	313275	05/05/23	05/05/23	MES
Endrin ketone	ND	#	ug/Kg	25	4.9	313275	05/05/23	05/05/23	MES
4,4'-DDT	ND		ug/Kg	25	4.9	313275	05/05/23	05/05/23	MES
Methoxychlor	ND		ug/Kg	49	4.9	313275	05/05/23	05/05/23	MES
Toxaphene	ND		ug/Kg	490	4.9	313275	05/05/23	05/05/23	MES
Chlordane (Technical)	ND		ug/Kg	250	4.9	313275	05/05/23	05/05/23	MES
Surrogates				**Limits**					
TCMX	97%		%REC	23-120	4.9	313275	05/05/23	05/05/23	MES
Decachlorobiphenyl	115%		%REC	24-120	4.9	313275	05/05/23	05/05/23	MES
Method: EPA 8082 Prep Method: EPA 3546									
Aroclor-1016	ND		ug/Kg	99	2	313275	05/05/23	05/06/23	MES
Aroclor-1221	ND		ug/Kg	99	2	313275	05/05/23	05/06/23	MES
Aroclor-1232	ND		ug/Kg	99	2	313275	05/05/23	05/06/23	MES
Aroclor-1242	ND		ug/Kg	99	2	313275	05/05/23	05/06/23	MES
Aroclor-1248	ND		ug/Kg	99	2	313275	05/05/23	05/06/23	MES
Aroclor-1254	ND		ug/Kg	99	2	313275	05/05/23	05/06/23	MES
Aroclor-1260	ND		ug/Kg	99	2	313275	05/05/23	05/06/23	MES
Surrogates				**Limits**					
Decachlorobiphenyl (PCB)	109%		%REC	19-121	2	313275	05/05/23	05/06/23	MES
Method: EPA 8260B Prep Method: EPA 5035									
Freon 12	ND		ug/Kg	3.0	0.59	313258	05/05/23	05/05/23	EJB
Chloromethane	ND		ug/Kg	3.0	0.59	313258	05/05/23	05/05/23	EJB
Vinyl Chloride	ND		ug/Kg	3.0	0.59	313258	05/05/23	05/05/23	EJB
Bromomethane	ND		ug/Kg	3.0	0.59	313258	05/05/23	05/05/23	EJB
Chloroethane	ND		ug/Kg	3.0	0.59	313258	05/05/23	05/05/23	EJB
Trichlorofluoromethane	ND		ug/Kg	3.0	0.59	313258	05/05/23	05/05/23	EJB
Acetone	ND		ug/Kg	59	0.59	313258	05/05/23	05/05/23	EJB
Freon 113	ND		ug/Kg	3.0	0.59	313258	05/05/23	05/05/23	EJB
1,1-Dichloroethene	ND		ug/Kg	3.0	0.59	313258	05/05/23	05/05/23	EJB
Methylene Chloride	ND		ug/Kg	3.0	0.59	313258	05/05/23	05/05/23	EJB
MTBE	ND		ug/Kg	3.0	0.59	313258	05/05/23	05/05/23	EJB
trans-1,2-Dichloroethene	ND		ug/Kg	3.0	0.59	313258	05/05/23	05/05/23	EJB
1,1-Dichloroethane	ND		ug/Kg	3.0	0.59	313258	05/05/23	05/05/23	EJB
2-Butanone	ND		ug/Kg	59	0.59	313258	05/05/23	05/05/23	EJB
cis-1,2-Dichloroethene	ND		ug/Kg	3.0	0.59	313258	05/05/23	05/05/23	EJB
2,2-Dichloropropane	ND		ug/Kg	3.0	0.59	313258	05/05/23	05/05/23	EJB
Chloroform	ND		ug/Kg	3.0	0.59	313258	05/05/23	05/05/23	EJB
Bromochloromethane	ND		ug/Kg	3.0	0.59	313258	05/05/23	05/05/23	EJB

Results for any subcontracted analyses are not included in this section.

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Analysis Results for 484472

484472-005 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
1,1,1-Trichloroethane	ND		ug/Kg	3.0	0.59	313258	05/05/23	05/05/23	EJB
1,1-Dichloropropene	ND		ug/Kg	3.0	0.59	313258	05/05/23	05/05/23	EJB
Carbon Tetrachloride	ND		ug/Kg	3.0	0.59	313258	05/05/23	05/05/23	EJB
1,2-Dichloroethane	ND		ug/Kg	3.0	0.59	313258	05/05/23	05/05/23	EJB
Benzene	ND		ug/Kg	3.0	0.59	313258	05/05/23	05/05/23	EJB
Trichloroethene	ND		ug/Kg	3.0	0.59	313258	05/05/23	05/05/23	EJB
1,2-Dichloropropane	ND		ug/Kg	3.0	0.59	313258	05/05/23	05/05/23	EJB
Bromodichloromethane	ND		ug/Kg	3.0	0.59	313258	05/05/23	05/05/23	EJB
Dibromomethane	ND		ug/Kg	3.0	0.59	313258	05/05/23	05/05/23	EJB
4-Methyl-2-Pentanone	ND		ug/Kg	4.8	0.59	313258	05/05/23	05/05/23	EJB
cis-1,3-Dichloropropene	ND		ug/Kg	3.0	0.59	313258	05/05/23	05/05/23	EJB
Toluene	ND		ug/Kg	3.0	0.59	313258	05/05/23	05/05/23	EJB
trans-1,3-Dichloropropene	ND		ug/Kg	3.0	0.59	313258	05/05/23	05/05/23	EJB
1,1,2-Trichloroethane	ND		ug/Kg	3.0	0.59	313258	05/05/23	05/05/23	EJB
1,3-Dichloropropane	ND		ug/Kg	3.0	0.59	313258	05/05/23	05/05/23	EJB
Tetrachloroethene	ND		ug/Kg	3.0	0.59	313258	05/05/23	05/05/23	EJB
Dibromochloromethane	ND		ug/Kg	3.0	0.59	313258	05/05/23	05/05/23	EJB
1,2-Dibromoethane	ND		ug/Kg	3.0	0.59	313258	05/05/23	05/05/23	EJB
Chlorobenzene	ND		ug/Kg	3.0	0.59	313258	05/05/23	05/05/23	EJB
1,1,1,2-Tetrachloroethane	ND		ug/Kg	3.0	0.59	313258	05/05/23	05/05/23	EJB
Ethylbenzene	ND		ug/Kg	3.0	0.59	313258	05/05/23	05/05/23	EJB
m,p-Xylenes	ND		ug/Kg	5.9	0.59	313258	05/05/23	05/05/23	EJB
o-Xylene	ND		ug/Kg	3.0	0.59	313258	05/05/23	05/05/23	EJB
Styrene	ND		ug/Kg	3.0	0.59	313258	05/05/23	05/05/23	EJB
Bromoform	ND		ug/Kg	3.0	0.59	313258	05/05/23	05/05/23	EJB
Isopropylbenzene	ND		ug/Kg	3.0	0.59	313258	05/05/23	05/05/23	EJB
1,1,2,2-Tetrachloroethane	ND		ug/Kg	3.0	0.59	313258	05/05/23	05/05/23	EJB
1,2,3-Trichloropropane	ND		ug/Kg	3.0	0.59	313258	05/05/23	05/05/23	EJB
Propylbenzene	ND		ug/Kg	3.0	0.59	313258	05/05/23	05/05/23	EJB
Bromobenzene	ND		ug/Kg	3.0	0.59	313258	05/05/23	05/05/23	EJB
1,3,5-Trimethylbenzene	ND		ug/Kg	3.0	0.59	313258	05/05/23	05/05/23	EJB
2-Chlorotoluene	ND		ug/Kg	3.0	0.59	313258	05/05/23	05/05/23	EJB
4-Chlorotoluene	ND		ug/Kg	3.0	0.59	313258	05/05/23	05/05/23	EJB
tert-Butylbenzene	ND		ug/Kg	3.0	0.59	313258	05/05/23	05/05/23	EJB
1,2,4-Trimethylbenzene	ND		ug/Kg	3.0	0.59	313258	05/05/23	05/05/23	EJB
sec-Butylbenzene	ND		ug/Kg	3.0	0.59	313258	05/05/23	05/05/23	EJB
para-Isopropyl Toluene	ND		ug/Kg	3.0	0.59	313258	05/05/23	05/05/23	EJB
1,3-Dichlorobenzene	ND		ug/Kg	3.0	0.59	313258	05/05/23	05/05/23	EJB
1,4-Dichlorobenzene	ND		ug/Kg	3.0	0.59	313258	05/05/23	05/05/23	EJB
n-Butylbenzene	ND		ug/Kg	3.0	0.59	313258	05/05/23	05/05/23	EJB
1,2-Dichlorobenzene	ND		ug/Kg	3.0	0.59	313258	05/05/23	05/05/23	EJB
1,2-Dibromo-3-Chloropropane	ND		ug/Kg	3.0	0.59	313258	05/05/23	05/05/23	EJB
1,2,4-Trichlorobenzene	ND		ug/Kg	3.0	0.59	313258	05/05/23	05/05/23	EJB
Hexachlorobutadiene	ND		ug/Kg	3.0	0.59	313258	05/05/23	05/05/23	EJB
Naphthalene	ND		ug/Kg	3.0	0.59	313258	05/05/23	05/05/23	EJB
1,2,3-Trichlorobenzene	ND		ug/Kg	3.0	0.59	313258	05/05/23	05/05/23	EJB

Results for any subcontracted analyses are not included in this section.

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Analysis Results for 484472

484472-005 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Surrogates				**Limits**					
Dibromofluoromethane	96%		%REC	70-145	0.59	313258	05/05/23	05/05/23	EJB
1,2-Dichloroethane-d4	97%		%REC	70-145	0.59	313258	05/05/23	05/05/23	EJB
Toluene-d8	100%		%REC	70-145	0.59	313258	05/05/23	05/05/23	EJB
Bromofluorobenzene	102%		%REC	70-145	0.59	313258	05/05/23	05/05/23	EJB
Method: EPA 8270C Prep Method: EPA 3546									
Carbazole	ND		ug/Kg	250	0.99	313221	05/04/23	05/05/23	VTN
1-Methylnaphthalene	ND		ug/Kg	250	0.99	313221	05/04/23	05/05/23	VTN
Pyridine	ND		ug/Kg	250	0.99	313221	05/04/23	05/05/23	VTN
N-Nitrosodimethylamine	ND		ug/Kg	250	0.99	313221	05/04/23	05/05/23	VTN
Phenol	ND		ug/Kg	250	0.99	313221	05/04/23	05/05/23	VTN
Aniline	ND		ug/Kg	250	0.99	313221	05/04/23	05/05/23	VTN
bis(2-Chloroethyl)ether	ND		ug/Kg	1,200	0.99	313221	05/04/23	05/05/23	VTN
2-Chlorophenol	ND		ug/Kg	250	0.99	313221	05/04/23	05/05/23	VTN
1,3-Dichlorobenzene	ND		ug/Kg	250	0.99	313221	05/04/23	05/05/23	VTN
1,4-Dichlorobenzene	ND		ug/Kg	250	0.99	313221	05/04/23	05/05/23	VTN
Benzyl alcohol	ND		ug/Kg	250	0.99	313221	05/04/23	05/05/23	VTN
1,2-Dichlorobenzene	ND		ug/Kg	250	0.99	313221	05/04/23	05/05/23	VTN
2-Methylphenol	ND		ug/Kg	250	0.99	313221	05/04/23	05/05/23	VTN
bis(2-Chloroisopropyl) ether	ND		ug/Kg	250	0.99	313221	05/04/23	05/05/23	VTN
3-,4-Methylphenol	ND		ug/Kg	400	0.99	313221	05/04/23	05/05/23	VTN
N-Nitroso-di-n-propylamine	ND		ug/Kg	250	0.99	313221	05/04/23	05/05/23	VTN
Hexachloroethane	ND		ug/Kg	250	0.99	313221	05/04/23	05/05/23	VTN
Nitrobenzene	ND		ug/Kg	1,200	0.99	313221	05/04/23	05/05/23	VTN
Isophorone	ND		ug/Kg	250	0.99	313221	05/04/23	05/05/23	VTN
2-Nitrophenol	ND		ug/Kg	250	0.99	313221	05/04/23	05/05/23	VTN
2,4-Dimethylphenol	ND		ug/Kg	250	0.99	313221	05/04/23	05/05/23	VTN
Benzoic acid	ND		ug/Kg	1,200	0.99	313221	05/04/23	05/05/23	VTN
bis(2-Chloroethoxy)methane	ND		ug/Kg	250	0.99	313221	05/04/23	05/05/23	VTN
2,4-Dichlorophenol	ND		ug/Kg	250	0.99	313221	05/04/23	05/05/23	VTN
1,2,4-Trichlorobenzene	ND		ug/Kg	250	0.99	313221	05/04/23	05/05/23	VTN
Naphthalene	ND		ug/Kg	250	0.99	313221	05/04/23	05/05/23	VTN
4-Chloroaniline	ND		ug/Kg	250	0.99	313221	05/04/23	05/05/23	VTN
Hexachlorobutadiene	ND		ug/Kg	250	0.99	313221	05/04/23	05/05/23	VTN
4-Chloro-3-methylphenol	ND		ug/Kg	250	0.99	313221	05/04/23	05/05/23	VTN
2-Methylnaphthalene	ND		ug/Kg	250	0.99	313221	05/04/23	05/05/23	VTN
Hexachlorocyclopentadiene	ND		ug/Kg	1,200	0.99	313221	05/04/23	05/05/23	VTN
2,4,6-Trichlorophenol	ND		ug/Kg	250	0.99	313221	05/04/23	05/05/23	VTN
2,4,5-Trichlorophenol	ND		ug/Kg	250	0.99	313221	05/04/23	05/05/23	VTN
2-Chloronaphthalene	ND		ug/Kg	250	0.99	313221	05/04/23	05/05/23	VTN
2-Nitroaniline	ND		ug/Kg	250	0.99	313221	05/04/23	05/05/23	VTN
Dimethylphthalate	ND		ug/Kg	250	0.99	313221	05/04/23	05/05/23	VTN
Acenaphthylene	ND		ug/Kg	250	0.99	313221	05/04/23	05/05/23	VTN
2,6-Dinitrotoluene	ND		ug/Kg	250	0.99	313221	05/04/23	05/05/23	VTN
3-Nitroaniline	ND		ug/Kg	250	0.99	313221	05/04/23	05/05/23	VTN

Results for any subcontracted analyses are not included in this section.

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Analysis Results for 484472

484472-005 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Acenaphthene	ND		ug/Kg	250	0.99	313221	05/04/23	05/05/23	VTN
2,4-Dinitrophenol	ND		ug/Kg	1,200	0.99	313221	05/04/23	05/05/23	VTN
4-Nitrophenol	ND		ug/Kg	250	0.99	313221	05/04/23	05/05/23	VTN
Dibenzofuran	ND		ug/Kg	250	0.99	313221	05/04/23	05/05/23	VTN
2,4-Dinitrotoluene	ND		ug/Kg	250	0.99	313221	05/04/23	05/05/23	VTN
Diethylphthalate	ND		ug/Kg	250	0.99	313221	05/04/23	05/05/23	VTN
Fluorene	ND		ug/Kg	250	0.99	313221	05/04/23	05/05/23	VTN
4-Chlorophenyl-phenylether	ND		ug/Kg	250	0.99	313221	05/04/23	05/05/23	VTN
4-Nitroaniline	ND		ug/Kg	250	0.99	313221	05/04/23	05/05/23	VTN
4,6-Dinitro-2-methylphenol	ND		ug/Kg	250	0.99	313221	05/04/23	05/05/23	VTN
N-Nitrosodiphenylamine	ND		ug/Kg	250	0.99	313221	05/04/23	05/05/23	VTN
1,2-diphenylhydrazine (as azobenzene)	ND		ug/Kg	250	0.99	313221	05/04/23	05/05/23	VTN
4-Bromophenyl-phenylether	ND		ug/Kg	250	0.99	313221	05/04/23	05/05/23	VTN
Hexachlorobenzene	ND		ug/Kg	250	0.99	313221	05/04/23	05/05/23	VTN
Pentachlorophenol	ND		ug/Kg	1,200	0.99	313221	05/04/23	05/05/23	VTN
Phenanthrene	ND		ug/Kg	250	0.99	313221	05/04/23	05/05/23	VTN
Anthracene	ND		ug/Kg	250	0.99	313221	05/04/23	05/05/23	VTN
Di-n-butylphthalate	ND		ug/Kg	250	0.99	313221	05/04/23	05/05/23	VTN
Fluoranthene	ND		ug/Kg	250	0.99	313221	05/04/23	05/05/23	VTN
Benzidine	ND		ug/Kg	1,200	0.99	313221	05/04/23	05/05/23	VTN
Pyrene	ND		ug/Kg	250	0.99	313221	05/04/23	05/05/23	VTN
Butylbenzylphthalate	ND		ug/Kg	250	0.99	313221	05/04/23	05/05/23	VTN
3,3'-Dichlorobenzidine	ND		ug/Kg	1,200	0.99	313221	05/04/23	05/05/23	VTN
Benzo(a)anthracene	ND		ug/Kg	250	0.99	313221	05/04/23	05/05/23	VTN
Chrysene	ND		ug/Kg	250	0.99	313221	05/04/23	05/05/23	VTN
bis(2-Ethylhexyl)phthalate	ND		ug/Kg	250	0.99	313221	05/04/23	05/05/23	VTN
Di-n-octylphthalate	ND		ug/Kg	250	0.99	313221	05/04/23	05/05/23	VTN
Benzo(b)fluoranthene	ND		ug/Kg	250	0.99	313221	05/04/23	05/05/23	VTN
Benzo(k)fluoranthene	ND		ug/Kg	250	0.99	313221	05/04/23	05/05/23	VTN
Benzo(a)pyrene	ND		ug/Kg	250	0.99	313221	05/04/23	05/05/23	VTN
Indeno(1,2,3-cd)pyrene	ND		ug/Kg	250	0.99	313221	05/04/23	05/05/23	VTN
Dibenz(a,h)anthracene	ND		ug/Kg	250	0.99	313221	05/04/23	05/05/23	VTN
Benzo(g,h,i)perylene	ND		ug/Kg	250	0.99	313221	05/04/23	05/05/23	VTN
Surrogates				**Limits**					
2-Fluorophenol	84%		%REC	29-120	0.99	313221	05/04/23	05/05/23	VTN
Phenol-d6	87%		%REC	30-120	0.99	313221	05/04/23	05/05/23	VTN
2,4,6-Tribromophenol	110%		%REC	32-120	0.99	313221	05/04/23	05/05/23	VTN
Nitrobenzene-d5	86%		%REC	33-120	0.99	313221	05/04/23	05/05/23	VTN
2-Fluorobiphenyl	83%		%REC	39-120	0.99	313221	05/04/23	05/05/23	VTN
Terphenyl-d14	99%		%REC	44-125	0.99	313221	05/04/23	05/05/23	VTN

Results for any subcontracted analyses are not included in this section.

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Analysis Results for 484472

Sample ID: F-18-40	Lab ID: 484472-009	Collected: 05/02/23 15:45
	Matrix: Soil	

484472-009 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 6010B Prep Method: EPA 3050B									
Antimony	ND		mg/Kg	2.9	0.96	313263	05/05/23	05/05/23	SBW
Arsenic	**3.2**		mg/Kg	0.96	0.96	313263	05/05/23	05/05/23	SBW
Barium	**35**		mg/Kg	0.96	0.96	313263	05/05/23	05/05/23	SBW
Beryllium	ND		mg/Kg	0.48	0.96	313263	05/05/23	05/05/23	SBW
Cadmium	ND		mg/Kg	0.48	0.96	313263	05/05/23	05/05/23	SBW
Chromium	**47**		mg/Kg	0.96	0.96	313263	05/05/23	05/05/23	SBW
Cobalt	**4.8**		mg/Kg	0.48	0.96	313263	05/05/23	05/05/23	SBW
Copper	**8.1**		mg/Kg	0.96	0.96	313263	05/05/23	05/05/23	SBW
Lead	**3.9**		mg/Kg	0.96	0.96	313263	05/05/23	05/05/23	SBW
Molybdenum	**1.4**		mg/Kg	0.96	0.96	313263	05/05/23	05/05/23	SBW
Nickel	**38**		mg/Kg	0.96	0.96	313263	05/05/23	05/05/23	SBW
Selenium	ND		mg/Kg	2.9	0.96	313263	05/05/23	05/05/23	SBW
Silver	ND		mg/Kg	0.48	0.96	313263	05/05/23	05/05/23	SBW
Thallium	ND		mg/Kg	2.9	0.96	313263	05/05/23	05/05/23	SBW
Vanadium	**30**		mg/Kg	0.96	0.96	313263	05/05/23	05/05/23	SBW
Zinc	**28**		mg/Kg	4.8	0.96	313263	05/05/23	05/05/23	SBW
Method: EPA 7471A Prep Method: METHOD									
Mercury	ND		mg/Kg	0.16	1.1	313400	05/08/23	05/08/23	KAM

Results for any subcontracted analyses are not included in this section.

Analysis Results for 484472

Sample ID: F-18-60	Lab ID: 484472-013	Collected: 05/02/23 16:10
	Matrix: Soil	

484472-013 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 6010B Prep Method: EPA 3050B									
Antimony	ND		mg/Kg	2.8	0.92	313263	05/05/23	05/05/23	SBW
Arsenic	**3.7**		mg/Kg	0.92	0.92	313263	05/05/23	05/05/23	SBW
Barium	**35**		mg/Kg	0.92	0.92	313263	05/05/23	05/05/23	SBW
Beryllium	ND		mg/Kg	0.46	0.92	313263	05/05/23	05/05/23	SBW
Cadmium	ND		mg/Kg	0.46	0.92	313263	05/05/23	05/05/23	SBW
Chromium	**46**		mg/Kg	0.92	0.92	313263	05/05/23	05/05/23	SBW
Cobalt	**4.8**		mg/Kg	0.46	0.92	313263	05/05/23	05/05/23	SBW
Copper	**8.0**		mg/Kg	0.92	0.92	313263	05/05/23	05/05/23	SBW
Lead	**3.1**		mg/Kg	0.92	0.92	313263	05/05/23	05/05/23	SBW
Molybdenum	**1.2**		mg/Kg	0.92	0.92	313263	05/05/23	05/05/23	SBW
Nickel	**37**		mg/Kg	0.92	0.92	313263	05/05/23	05/05/23	SBW
Selenium	ND		mg/Kg	2.8	0.92	313263	05/05/23	05/05/23	SBW
Silver	ND		mg/Kg	0.46	0.92	313263	05/05/23	05/05/23	SBW
Thallium	ND		mg/Kg	2.8	0.92	313263	05/05/23	05/05/23	SBW
Vanadium	**29**		mg/Kg	0.92	0.92	313263	05/05/23	05/05/23	SBW
Zinc	**110**		mg/Kg	4.6	0.92	313263	05/05/23	05/05/23	SBW
Method: EPA 7471A Prep Method: METHOD									
Mercury	ND		mg/Kg	0.16	1.2	313434	05/08/23	05/09/23	KAM

Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

Analysis Results for 484472

Sample ID: F-16-1	Lab ID: 484472-014	Collected: 05/03/23 09:22
	Matrix: Soil	

484472-014 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 6010B Prep Method: EPA 3050B									
Antimony	ND		mg/Kg	3.0	0.99	313263	05/05/23	05/05/23	SBW
Arsenic	**6.0**		mg/Kg	0.99	0.99	313263	05/05/23	05/05/23	SBW
Barium	**96**		mg/Kg	0.99	0.99	313263	05/05/23	05/05/23	SBW
Beryllium	**0.55**		mg/Kg	0.50	0.99	313263	05/05/23	05/05/23	SBW
Cadmium	ND		mg/Kg	0.50	0.99	313263	05/05/23	05/05/23	SBW
Chromium	**79**		mg/Kg	0.99	0.99	313263	05/05/23	05/05/23	SBW
Cobalt	**17**		mg/Kg	0.50	0.99	313263	05/05/23	05/05/23	SBW
Copper	**25**		mg/Kg	0.99	0.99	313263	05/05/23	05/05/23	SBW
Lead	**13**		mg/Kg	0.99	0.99	313263	05/05/23	05/05/23	SBW
Molybdenum	**1.5**		mg/Kg	0.99	0.99	313263	05/05/23	05/05/23	SBW
Nickel	**79**		mg/Kg	0.99	0.99	313263	05/05/23	05/05/23	SBW
Selenium	ND		mg/Kg	3.0	0.99	313263	05/05/23	05/05/23	SBW
Silver	ND		mg/Kg	0.50	0.99	313263	05/05/23	05/05/23	SBW
Thallium	ND		mg/Kg	3.0	0.99	313263	05/05/23	05/05/23	SBW
Vanadium	**59**		mg/Kg	0.99	0.99	313263	05/05/23	05/05/23	SBW
Zinc	**53**		mg/Kg	5.0	0.99	313263	05/05/23	05/05/23	SBW
Method: EPA 7471A Prep Method: METHOD									
Mercury	ND		mg/Kg	0.15	1.1	313434	05/08/23	05/09/23	KAM
Method: EPA 8015B Prep Method: EPA 5035									
TPH Gasoline	ND		mg/Kg	2.2	0.72	313445	05/09/23	05/09/23	ILK
Surrogates				**Limits**					
Bromofluorobenzene (FID)	77%		%REC	60-140	0.72	313445	05/09/23	05/09/23	ILK
Method: EPA 8015M Prep Method: EPA 3580M									
DRO C10-C28	ND		mg/Kg	9.9	0.99	313265	05/05/23	05/06/23	BJG
ORO C28-C44	ND		mg/Kg	20	0.99	313265	05/05/23	05/06/23	BJG
Surrogates				**Limits**					
n-Triacontane	87%		%REC	70-130	0.99	313265	05/05/23	05/06/23	BJG
Method: EPA 8260B Prep Method: EPA 5035									
Freon 12	ND		ug/Kg	4.2	0.83	313392	05/08/23	05/08/23	EJB
Chloromethane	ND		ug/Kg	4.2	0.83	313392	05/08/23	05/08/23	EJB
Vinyl Chloride	ND		ug/Kg	4.2	0.83	313392	05/08/23	05/08/23	EJB
Bromomethane	ND		ug/Kg	4.2	0.83	313392	05/08/23	05/08/23	EJB
Chloroethane	ND		ug/Kg	4.2	0.83	313392	05/08/23	05/08/23	EJB
Trichlorofluoromethane	ND		ug/Kg	4.2	0.83	313392	05/08/23	05/08/23	EJB
Acetone	ND		ug/Kg	83	0.83	313392	05/08/23	05/08/23	EJB
Freon 113	ND		ug/Kg	4.2	0.83	313392	05/08/23	05/08/23	EJB

Results for any subcontracted analyses are not included in this section.

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Analysis Results for 484472

484472-014 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
1,1-Dichloroethene	ND		ug/Kg	4.2	0.83	313392	05/08/23	05/08/23	EJB
Methylene Chloride	ND		ug/Kg	4.2	0.83	313392	05/08/23	05/08/23	EJB
MTBE	ND		ug/Kg	4.2	0.83	313392	05/08/23	05/08/23	EJB
trans-1,2-Dichloroethene	ND		ug/Kg	4.2	0.83	313392	05/08/23	05/08/23	EJB
1,1-Dichloroethane	ND		ug/Kg	4.2	0.83	313392	05/08/23	05/08/23	EJB
2-Butanone	ND		ug/Kg	83	0.83	313392	05/08/23	05/08/23	EJB
cis-1,2-Dichloroethene	ND		ug/Kg	4.2	0.83	313392	05/08/23	05/08/23	EJB
2,2-Dichloropropane	ND		ug/Kg	4.2	0.83	313392	05/08/23	05/08/23	EJB
Chloroform	ND		ug/Kg	4.2	0.83	313392	05/08/23	05/08/23	EJB
Bromochloromethane	ND		ug/Kg	4.2	0.83	313392	05/08/23	05/08/23	EJB
1,1,1-Trichloroethane	ND		ug/Kg	4.2	0.83	313392	05/08/23	05/08/23	EJB
1,1-Dichloropropene	ND		ug/Kg	4.2	0.83	313392	05/08/23	05/08/23	EJB
Carbon Tetrachloride	ND		ug/Kg	4.2	0.83	313392	05/08/23	05/08/23	EJB
1,2-Dichloroethane	ND		ug/Kg	4.2	0.83	313392	05/08/23	05/08/23	EJB
Benzene	ND		ug/Kg	4.2	0.83	313392	05/08/23	05/08/23	EJB
Trichloroethene	ND		ug/Kg	4.2	0.83	313392	05/08/23	05/08/23	EJB
1,2-Dichloropropane	ND		ug/Kg	4.2	0.83	313392	05/08/23	05/08/23	EJB
Bromodichloromethane	ND		ug/Kg	4.2	0.83	313392	05/08/23	05/08/23	EJB
Dibromomethane	ND		ug/Kg	4.2	0.83	313392	05/08/23	05/08/23	EJB
4-Methyl-2-Pentanone	ND		ug/Kg	6.8	0.83	313392	05/08/23	05/08/23	EJB
cis-1,3-Dichloropropene	ND		ug/Kg	4.2	0.83	313392	05/08/23	05/08/23	EJB
Toluene	ND		ug/Kg	4.2	0.83	313392	05/08/23	05/08/23	EJB
trans-1,3-Dichloropropene	ND		ug/Kg	4.2	0.83	313392	05/08/23	05/08/23	EJB
1,1,2-Trichloroethane	ND		ug/Kg	4.2	0.83	313392	05/08/23	05/08/23	EJB
1,3-Dichloropropane	ND		ug/Kg	4.2	0.83	313392	05/08/23	05/08/23	EJB
Tetrachloroethene	ND		ug/Kg	4.2	0.83	313392	05/08/23	05/08/23	EJB
Dibromochloromethane	ND		ug/Kg	4.2	0.83	313392	05/08/23	05/08/23	EJB
1,2-Dibromoethane	ND		ug/Kg	4.2	0.83	313392	05/08/23	05/08/23	EJB
Chlorobenzene	ND		ug/Kg	4.2	0.83	313392	05/08/23	05/08/23	EJB
1,1,1,2-Tetrachloroethane	ND		ug/Kg	4.2	0.83	313392	05/08/23	05/08/23	EJB
Ethylbenzene	ND		ug/Kg	4.2	0.83	313392	05/08/23	05/08/23	EJB
m,p-Xylenes	ND		ug/Kg	8.3	0.83	313392	05/08/23	05/08/23	EJB
o-Xylene	ND		ug/Kg	4.2	0.83	313392	05/08/23	05/08/23	EJB
Styrene	ND		ug/Kg	4.2	0.83	313392	05/08/23	05/08/23	EJB
Bromoform	ND		ug/Kg	4.2	0.83	313392	05/08/23	05/08/23	EJB
Isopropylbenzene	ND		ug/Kg	4.2	0.83	313392	05/08/23	05/08/23	EJB
1,1,2,2-Tetrachloroethane	ND		ug/Kg	4.2	0.83	313392	05/08/23	05/08/23	EJB
1,2,3-Trichloropropane	ND		ug/Kg	4.2	0.83	313392	05/08/23	05/08/23	EJB
Propylbenzene	ND		ug/Kg	4.2	0.83	313392	05/08/23	05/08/23	EJB
Bromobenzene	ND		ug/Kg	4.2	0.83	313392	05/08/23	05/08/23	EJB
1,3,5-Trimethylbenzene	ND		ug/Kg	4.2	0.83	313392	05/08/23	05/08/23	EJB
2-Chlorotoluene	ND		ug/Kg	4.2	0.83	313392	05/08/23	05/08/23	EJB
4-Chlorotoluene	ND		ug/Kg	4.2	0.83	313392	05/08/23	05/08/23	EJB
tert-Butylbenzene	ND		ug/Kg	4.2	0.83	313392	05/08/23	05/08/23	EJB
1,2,4-Trimethylbenzene	ND		ug/Kg	4.2	0.83	313392	05/08/23	05/08/23	EJB
sec-Butylbenzene	ND		ug/Kg	4.2	0.83	313392	05/08/23	05/08/23	EJB

Results for any subcontracted analyses are not included in this section.

Analysis Results for 484472

484472-014 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
para-Isopropyl Toluene	ND		ug/Kg	4.2	0.83	313392	05/08/23	05/08/23	EJB
1,3-Dichlorobenzene	ND		ug/Kg	4.2	0.83	313392	05/08/23	05/08/23	EJB
1,4-Dichlorobenzene	ND		ug/Kg	4.2	0.83	313392	05/08/23	05/08/23	EJB
n-Butylbenzene	ND		ug/Kg	4.2	0.83	313392	05/08/23	05/08/23	EJB
1,2-Dichlorobenzene	ND		ug/Kg	4.2	0.83	313392	05/08/23	05/08/23	EJB
1,2-Dibromo-3-Chloropropane	ND		ug/Kg	4.2	0.83	313392	05/08/23	05/08/23	EJB
1,2,4-Trichlorobenzene	ND		ug/Kg	4.2	0.83	313392	05/08/23	05/08/23	EJB
Hexachlorobutadiene	ND		ug/Kg	4.2	0.83	313392	05/08/23	05/08/23	EJB
Naphthalene	ND		ug/Kg	4.2	0.83	313392	05/08/23	05/08/23	EJB
1,2,3-Trichlorobenzene	ND		ug/Kg	4.2	0.83	313392	05/08/23	05/08/23	EJB
Surrogates				**Limits**					
Dibromofluoromethane	99%		%REC	70-145	0.83	313392	05/08/23	05/08/23	EJB
1,2-Dichloroethane-d4	98%		%REC	70-145	0.83	313392	05/08/23	05/08/23	EJB
Toluene-d8	102%		%REC	70-145	0.83	313392	05/08/23	05/08/23	EJB
Bromofluorobenzene	94%		%REC	70-145	0.83	313392	05/08/23	05/08/23	EJB
Method: EPA 8270C Prep Method: EPA 3546									
Carbazole	ND		ug/Kg	250	1	313221	05/04/23	05/05/23	VTN
1-Methylnaphthalene	ND		ug/Kg	250	1	313221	05/04/23	05/05/23	VTN
Pyridine	ND		ug/Kg	250	1	313221	05/04/23	05/05/23	VTN
N-Nitrosodimethylamine	ND		ug/Kg	250	1	313221	05/04/23	05/05/23	VTN
Phenol	ND		ug/Kg	250	1	313221	05/04/23	05/05/23	VTN
Aniline	ND		ug/Kg	250	1	313221	05/04/23	05/05/23	VTN
bis(2-Chloroethyl)ether	ND		ug/Kg	1,200	1	313221	05/04/23	05/05/23	VTN
2-Chlorophenol	ND		ug/Kg	250	1	313221	05/04/23	05/05/23	VTN
1,3-Dichlorobenzene	ND		ug/Kg	250	1	313221	05/04/23	05/05/23	VTN
1,4-Dichlorobenzene	ND		ug/Kg	250	1	313221	05/04/23	05/05/23	VTN
Benzyl alcohol	ND		ug/Kg	250	1	313221	05/04/23	05/05/23	VTN
1,2-Dichlorobenzene	ND		ug/Kg	250	1	313221	05/04/23	05/05/23	VTN
2-Methylphenol	ND		ug/Kg	250	1	313221	05/04/23	05/05/23	VTN
bis(2-Chloroisopropyl) ether	ND		ug/Kg	250	1	313221	05/04/23	05/05/23	VTN
3-,4-Methylphenol	ND		ug/Kg	400	1	313221	05/04/23	05/05/23	VTN
N-Nitroso-di-n-propylamine	ND		ug/Kg	250	1	313221	05/04/23	05/05/23	VTN
Hexachloroethane	ND		ug/Kg	250	1	313221	05/04/23	05/05/23	VTN
Nitrobenzene	ND		ug/Kg	1,200	1	313221	05/04/23	05/05/23	VTN
Isophorone	ND		ug/Kg	250	1	313221	05/04/23	05/05/23	VTN
2-Nitrophenol	ND		ug/Kg	250	1	313221	05/04/23	05/05/23	VTN
2,4-Dimethylphenol	ND		ug/Kg	250	1	313221	05/04/23	05/05/23	VTN
Benzoic acid	ND		ug/Kg	1,200	1	313221	05/04/23	05/05/23	VTN
bis(2-Chloroethoxy)methane	ND		ug/Kg	250	1	313221	05/04/23	05/05/23	VTN
2,4-Dichlorophenol	ND		ug/Kg	250	1	313221	05/04/23	05/05/23	VTN
1,2,4-Trichlorobenzene	ND		ug/Kg	250	1	313221	05/04/23	05/05/23	VTN
Naphthalene	ND		ug/Kg	250	1	313221	05/04/23	05/05/23	VTN
4-Chloroaniline	ND		ug/Kg	250	1	313221	05/04/23	05/05/23	VTN
Hexachlorobutadiene	ND		ug/Kg	250	1	313221	05/04/23	05/05/23	VTN
4-Chloro-3-methylphenol	ND		ug/Kg	250	1	313221	05/04/23	05/05/23	VTN

Results for any subcontracted analyses are not included in this section.

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Analysis Results for 484472

484472-014 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
2-Methylnaphthalene	ND		ug/Kg	250	1	313221	05/04/23	05/05/23	VTN
Hexachlorocyclopentadiene	ND		ug/Kg	1,200	1	313221	05/04/23	05/05/23	VTN
2,4,6-Trichlorophenol	ND		ug/Kg	250	1	313221	05/04/23	05/05/23	VTN
2,4,5-Trichlorophenol	ND		ug/Kg	250	1	313221	05/04/23	05/05/23	VTN
2-Chloronaphthalene	ND		ug/Kg	250	1	313221	05/04/23	05/05/23	VTN
2-Nitroaniline	ND		ug/Kg	250	1	313221	05/04/23	05/05/23	VTN
Dimethylphthalate	ND		ug/Kg	250	1	313221	05/04/23	05/05/23	VTN
Acenaphthylene	ND		ug/Kg	250	1	313221	05/04/23	05/05/23	VTN
2,6-Dinitrotoluene	ND		ug/Kg	250	1	313221	05/04/23	05/05/23	VTN
3-Nitroaniline	ND		ug/Kg	250	1	313221	05/04/23	05/05/23	VTN
Acenaphthene	ND		ug/Kg	250	1	313221	05/04/23	05/05/23	VTN
2,4-Dinitrophenol	ND		ug/Kg	1,200	1	313221	05/04/23	05/05/23	VTN
4-Nitrophenol	ND		ug/Kg	250	1	313221	05/04/23	05/05/23	VTN
Dibenzofuran	ND		ug/Kg	250	1	313221	05/04/23	05/05/23	VTN
2,4-Dinitrotoluene	ND		ug/Kg	250	1	313221	05/04/23	05/05/23	VTN
Diethylphthalate	ND		ug/Kg	250	1	313221	05/04/23	05/05/23	VTN
Fluorene	ND		ug/Kg	250	1	313221	05/04/23	05/05/23	VTN
4-Chlorophenyl-phenylether	ND		ug/Kg	250	1	313221	05/04/23	05/05/23	VTN
4-Nitroaniline	ND		ug/Kg	250	1	313221	05/04/23	05/05/23	VTN
4,6-Dinitro-2-methylphenol	ND		ug/Kg	250	1	313221	05/04/23	05/05/23	VTN
N-Nitrosodiphenylamine	ND		ug/Kg	250	1	313221	05/04/23	05/05/23	VTN
1,2-diphenylhydrazine (as azobenzene)	ND		ug/Kg	250	1	313221	05/04/23	05/05/23	VTN
4-Bromophenyl-phenylether	ND		ug/Kg	250	1	313221	05/04/23	05/05/23	VTN
Hexachlorobenzene	ND		ug/Kg	250	1	313221	05/04/23	05/05/23	VTN
Pentachlorophenol	ND		ug/Kg	1,200	1	313221	05/04/23	05/05/23	VTN
Phenanthrene	ND		ug/Kg	250	1	313221	05/04/23	05/05/23	VTN
Anthracene	ND		ug/Kg	250	1	313221	05/04/23	05/05/23	VTN
Di-n-butylphthalate	ND		ug/Kg	250	1	313221	05/04/23	05/05/23	VTN
Fluoranthene	ND		ug/Kg	250	1	313221	05/04/23	05/05/23	VTN
Benzidine	ND		ug/Kg	1,200	1	313221	05/04/23	05/05/23	VTN
Pyrene	ND		ug/Kg	250	1	313221	05/04/23	05/05/23	VTN
Butylbenzylphthalate	ND		ug/Kg	250	1	313221	05/04/23	05/05/23	VTN
3,3'-Dichlorobenzidine	ND		ug/Kg	1,200	1	313221	05/04/23	05/05/23	VTN
Benzo(a)anthracene	ND		ug/Kg	250	1	313221	05/04/23	05/05/23	VTN
Chrysene	ND		ug/Kg	250	1	313221	05/04/23	05/05/23	VTN
bis(2-Ethylhexyl)phthalate	ND		ug/Kg	250	1	313221	05/04/23	05/05/23	VTN
Di-n-octylphthalate	ND		ug/Kg	250	1	313221	05/04/23	05/05/23	VTN
Benzo(b)fluoranthene	ND		ug/Kg	250	1	313221	05/04/23	05/05/23	VTN
Benzo(k)fluoranthene	ND		ug/Kg	250	1	313221	05/04/23	05/05/23	VTN
Benzo(a)pyrene	ND		ug/Kg	250	1	313221	05/04/23	05/05/23	VTN
Indeno(1,2,3-cd)pyrene	ND		ug/Kg	250	1	313221	05/04/23	05/05/23	VTN
Dibenz(a,h)anthracene	ND		ug/Kg	250	1	313221	05/04/23	05/05/23	VTN
Benzo(g,h,i)perylene	ND		ug/Kg	250	1	313221	05/04/23	05/05/23	VTN
Surrogates				**Limits**					
2-Fluorophenol	83%		%REC	29-120	1	313221	05/04/23	05/05/23	VTN
Phenol-d6	91%		%REC	30-120	1	313221	05/04/23	05/05/23	VTN

Results for any subcontracted analyses are not included in this section.

Analysis Results for 484472

484472-014 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
2,4,6-Tribromophenol	112%		%REC	32-120	1	313221	05/04/23	05/05/23	VTN
Nitrobenzene-d5	83%		%REC	33-120	1	313221	05/04/23	05/05/23	VTN
2-Fluorobiphenyl	84%		%REC	39-120	1	313221	05/04/23	05/05/23	VTN
Terphenyl-d14	100%		%REC	44-125	1	313221	05/04/23	05/05/23	VTN

Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

Analysis Results for 484472

Sample ID: F-19-1	Lab ID: 484472-015	Collected: 05/03/23 10:07
	Matrix: Soil	

484472-015 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 6010B Prep Method: EPA 3050B									
Antimony	ND		mg/Kg	2.8	0.93	313263	05/05/23	05/05/23	SBW
Arsenic	**3.3**		mg/Kg	0.93	0.93	313263	05/05/23	05/05/23	SBW
Barium	**61**		mg/Kg	0.93	0.93	313263	05/05/23	05/05/23	SBW
Beryllium	ND		mg/Kg	0.47	0.93	313263	05/05/23	05/05/23	SBW
Cadmium	ND		mg/Kg	0.47	0.93	313263	05/05/23	05/05/23	SBW
Chromium	**52**		mg/Kg	0.93	0.93	313263	05/05/23	05/05/23	SBW
Cobalt	**7.9**		mg/Kg	0.47	0.93	313263	05/05/23	05/05/23	SBW
Copper	**11**		mg/Kg	0.93	0.93	313263	05/05/23	05/05/23	SBW
Lead	**11**		mg/Kg	0.93	0.93	313263	05/05/23	05/05/23	SBW
Molybdenum	**0.94**		mg/Kg	0.93	0.93	313263	05/05/23	05/05/23	SBW
Nickel	**38**		mg/Kg	0.93	0.93	313263	05/05/23	05/05/23	SBW
Selenium	ND		mg/Kg	2.8	0.93	313263	05/05/23	05/05/23	SBW
Silver	ND		mg/Kg	0.47	0.93	313263	05/05/23	05/05/23	SBW
Thallium	ND		mg/Kg	2.8	0.93	313263	05/05/23	05/05/23	SBW
Vanadium	**46**		mg/Kg	0.93	0.93	313263	05/05/23	05/05/23	SBW
Zinc	**32**		mg/Kg	4.7	0.93	313263	05/05/23	05/05/23	SBW
Method: EPA 7471A Prep Method: METHOD									
Mercury	ND		mg/Kg	0.15	1.1	313434	05/08/23	05/09/23	KAM
Method: EPA 8015B Prep Method: EPA 5035									
TPH Gasoline	ND		mg/Kg	2.6	0.86	313445	05/09/23	05/09/23	ILK
Surrogates				**Limits**					
Bromofluorobenzene (FID)	77%		%REC	60-140	0.86	313445	05/09/23	05/09/23	ILK
Method: EPA 8015M Prep Method: EPA 3580M									
DRO C10-C28	**43**		mg/Kg	20	2	313265	05/05/23	05/07/23	BJG
ORO C28-C44	**110**		mg/Kg	40	2	313265	05/05/23	05/07/23	BJG
Surrogates				**Limits**					
n-Triacontane	83%		%REC	70-130	2	313265	05/05/23	05/07/23	BJG
Method: EPA 8260B Prep Method: EPA 5035									
Freon 12	ND		ug/Kg	3.9	0.77	313258	05/05/23	05/05/23	HMN
Chloromethane	ND		ug/Kg	3.9	0.77	313258	05/05/23	05/05/23	HMN
Vinyl Chloride	ND		ug/Kg	3.9	0.77	313258	05/05/23	05/05/23	HMN
Bromomethane	ND		ug/Kg	3.9	0.77	313258	05/05/23	05/05/23	HMN
Chloroethane	ND		ug/Kg	3.9	0.77	313258	05/05/23	05/05/23	HMN
Trichlorofluoromethane	ND		ug/Kg	3.9	0.77	313258	05/05/23	05/05/23	HMN
Acetone	ND		ug/Kg	77	0.77	313258	05/05/23	05/05/23	HMN
Freon 113	ND		ug/Kg	3.9	0.77	313258	05/05/23	05/05/23	HMN

Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

Analysis Results for 484472

484472-015 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
1,1-Dichloroethene	ND		ug/Kg	3.9	0.77	313258	05/05/23	05/05/23	HMN
Methylene Chloride	ND		ug/Kg	3.9	0.77	313258	05/05/23	05/05/23	HMN
MTBE	ND		ug/Kg	3.9	0.77	313258	05/05/23	05/05/23	HMN
trans-1,2-Dichloroethene	ND		ug/Kg	3.9	0.77	313258	05/05/23	05/05/23	HMN
1,1-Dichloroethane	ND		ug/Kg	3.9	0.77	313258	05/05/23	05/05/23	HMN
2-Butanone	ND		ug/Kg	77	0.77	313258	05/05/23	05/05/23	HMN
cis-1,2-Dichloroethene	ND		ug/Kg	3.9	0.77	313258	05/05/23	05/05/23	HMN
2,2-Dichloropropane	ND		ug/Kg	3.9	0.77	313258	05/05/23	05/05/23	HMN
Chloroform	ND		ug/Kg	3.9	0.77	313258	05/05/23	05/05/23	HMN
Bromochloromethane	ND		ug/Kg	3.9	0.77	313258	05/05/23	05/05/23	HMN
1,1,1-Trichloroethane	ND		ug/Kg	3.9	0.77	313258	05/05/23	05/05/23	HMN
1,1-Dichloropropene	ND		ug/Kg	3.9	0.77	313258	05/05/23	05/05/23	HMN
Carbon Tetrachloride	ND		ug/Kg	3.9	0.77	313258	05/05/23	05/05/23	HMN
1,2-Dichloroethane	ND		ug/Kg	3.9	0.77	313258	05/05/23	05/05/23	HMN
Benzene	ND		ug/Kg	3.9	0.77	313258	05/05/23	05/05/23	HMN
Trichloroethene	ND		ug/Kg	3.9	0.77	313258	05/05/23	05/05/23	HMN
1,2-Dichloropropane	ND		ug/Kg	3.9	0.77	313258	05/05/23	05/05/23	HMN
Bromodichloromethane	ND		ug/Kg	3.9	0.77	313258	05/05/23	05/05/23	HMN
Dibromomethane	ND		ug/Kg	3.9	0.77	313258	05/05/23	05/05/23	HMN
4-Methyl-2-Pentanone	ND		ug/Kg	6.3	0.77	313258	05/05/23	05/05/23	HMN
cis-1,3-Dichloropropene	ND		ug/Kg	3.9	0.77	313258	05/05/23	05/05/23	HMN
Toluene	ND		ug/Kg	3.9	0.77	313258	05/05/23	05/05/23	HMN
trans-1,3-Dichloropropene	ND		ug/Kg	3.9	0.77	313258	05/05/23	05/05/23	HMN
1,1,2-Trichloroethane	ND		ug/Kg	3.9	0.77	313258	05/05/23	05/05/23	HMN
1,3-Dichloropropane	ND		ug/Kg	3.9	0.77	313258	05/05/23	05/05/23	HMN
Tetrachloroethene	ND		ug/Kg	3.9	0.77	313258	05/05/23	05/05/23	HMN
Dibromochloromethane	ND		ug/Kg	3.9	0.77	313258	05/05/23	05/05/23	HMN
1,2-Dibromoethane	ND		ug/Kg	3.9	0.77	313258	05/05/23	05/05/23	HMN
Chlorobenzene	ND		ug/Kg	3.9	0.77	313258	05/05/23	05/05/23	HMN
1,1,1,2-Tetrachloroethane	ND		ug/Kg	3.9	0.77	313258	05/05/23	05/05/23	HMN
Ethylbenzene	ND		ug/Kg	3.9	0.77	313258	05/05/23	05/05/23	HMN
m,p-Xylenes	ND		ug/Kg	7.7	0.77	313258	05/05/23	05/05/23	HMN
o-Xylene	ND		ug/Kg	3.9	0.77	313258	05/05/23	05/05/23	HMN
Styrene	ND		ug/Kg	3.9	0.77	313258	05/05/23	05/05/23	HMN
Bromoform	ND		ug/Kg	3.9	0.77	313258	05/05/23	05/05/23	HMN
Isopropylbenzene	ND		ug/Kg	3.9	0.77	313258	05/05/23	05/05/23	HMN
1,1,2,2-Tetrachloroethane	ND		ug/Kg	3.9	0.77	313258	05/05/23	05/05/23	HMN
1,2,3-Trichloropropane	ND		ug/Kg	3.9	0.77	313258	05/05/23	05/05/23	HMN
Propylbenzene	ND		ug/Kg	3.9	0.77	313258	05/05/23	05/05/23	HMN
Bromobenzene	ND		ug/Kg	3.9	0.77	313258	05/05/23	05/05/23	HMN
1,3,5-Trimethylbenzene	ND		ug/Kg	3.9	0.77	313258	05/05/23	05/05/23	HMN
2-Chlorotoluene	ND		ug/Kg	3.9	0.77	313258	05/05/23	05/05/23	HMN
4-Chlorotoluene	ND		ug/Kg	3.9	0.77	313258	05/05/23	05/05/23	HMN
tert-Butylbenzene	ND		ug/Kg	3.9	0.77	313258	05/05/23	05/05/23	HMN
1,2,4-Trimethylbenzene	ND		ug/Kg	3.9	0.77	313258	05/05/23	05/05/23	HMN
sec-Butylbenzene	ND		ug/Kg	3.9	0.77	313258	05/05/23	05/05/23	HMN

Results for any subcontracted analyses are not included in this section.

Analysis Results for 484472

484472-015 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
para-Isopropyl Toluene	ND		ug/Kg	3.9	0.77	313258	05/05/23	05/05/23	HMN
1,3-Dichlorobenzene	ND		ug/Kg	3.9	0.77	313258	05/05/23	05/05/23	HMN
1,4-Dichlorobenzene	ND		ug/Kg	3.9	0.77	313258	05/05/23	05/05/23	HMN
n-Butylbenzene	ND		ug/Kg	3.9	0.77	313258	05/05/23	05/05/23	HMN
1,2-Dichlorobenzene	ND		ug/Kg	3.9	0.77	313258	05/05/23	05/05/23	HMN
1,2-Dibromo-3-Chloropropane	ND		ug/Kg	3.9	0.77	313258	05/05/23	05/05/23	HMN
1,2,4-Trichlorobenzene	ND		ug/Kg	3.9	0.77	313258	05/05/23	05/05/23	HMN
Hexachlorobutadiene	ND		ug/Kg	3.9	0.77	313258	05/05/23	05/05/23	HMN
Naphthalene	ND		ug/Kg	3.9	0.77	313258	05/05/23	05/05/23	HMN
1,2,3-Trichlorobenzene	ND		ug/Kg	3.9	0.77	313258	05/05/23	05/05/23	HMN
Surrogates				**Limits**					
Dibromofluoromethane	97%		%REC	70-145	0.77	313258	05/05/23	05/05/23	HMN
1,2-Dichloroethane-d4	99%		%REC	70-145	0.77	313258	05/05/23	05/05/23	HMN
Toluene-d8	101%		%REC	70-145	0.77	313258	05/05/23	05/05/23	HMN
Bromofluorobenzene	99%		%REC	70-145	0.77	313258	05/05/23	05/05/23	HMN
Method: EPA 8270C Prep Method: EPA 3546									
Carbazole	ND		ug/Kg	1,200	5	313221	05/04/23	05/05/23	VTN
1-Methylnaphthalene	ND		ug/Kg	1,200	5	313221	05/04/23	05/05/23	VTN
Pyridine	ND		ug/Kg	1,200	5	313221	05/04/23	05/05/23	VTN
N-Nitrosodimethylamine	ND		ug/Kg	1,200	5	313221	05/04/23	05/05/23	VTN
Phenol	ND		ug/Kg	1,200	5	313221	05/04/23	05/05/23	VTN
Aniline	ND		ug/Kg	1,200	5	313221	05/04/23	05/05/23	VTN
bis(2-Chloroethyl)ether	ND		ug/Kg	6,000	5	313221	05/04/23	05/05/23	VTN
2-Chlorophenol	ND		ug/Kg	1,200	5	313221	05/04/23	05/05/23	VTN
1,3-Dichlorobenzene	ND		ug/Kg	1,200	5	313221	05/04/23	05/05/23	VTN
1,4-Dichlorobenzene	ND		ug/Kg	1,200	5	313221	05/04/23	05/05/23	VTN
Benzyl alcohol	ND		ug/Kg	1,200	5	313221	05/04/23	05/05/23	VTN
1,2-Dichlorobenzene	ND		ug/Kg	1,200	5	313221	05/04/23	05/05/23	VTN
2-Methylphenol	ND		ug/Kg	1,200	5	313221	05/04/23	05/05/23	VTN
bis(2-Chloroisopropyl) ether	ND		ug/Kg	1,200	5	313221	05/04/23	05/05/23	VTN
3-,4-Methylphenol	ND		ug/Kg	2,000	5	313221	05/04/23	05/05/23	VTN
N-Nitroso-di-n-propylamine	ND		ug/Kg	1,200	5	313221	05/04/23	05/05/23	VTN
Hexachloroethane	ND		ug/Kg	1,200	5	313221	05/04/23	05/05/23	VTN
Nitrobenzene	ND		ug/Kg	6,000	5	313221	05/04/23	05/05/23	VTN
Isophorone	ND		ug/Kg	1,200	5	313221	05/04/23	05/05/23	VTN
2-Nitrophenol	ND		ug/Kg	1,200	5	313221	05/04/23	05/05/23	VTN
2,4-Dimethylphenol	ND		ug/Kg	1,200	5	313221	05/04/23	05/05/23	VTN
Benzoic acid	ND		ug/Kg	6,000	5	313221	05/04/23	05/05/23	VTN
bis(2-Chloroethoxy)methane	ND		ug/Kg	1,200	5	313221	05/04/23	05/05/23	VTN
2,4-Dichlorophenol	ND		ug/Kg	1,200	5	313221	05/04/23	05/05/23	VTN
1,2,4-Trichlorobenzene	ND		ug/Kg	1,200	5	313221	05/04/23	05/05/23	VTN
Naphthalene	ND		ug/Kg	1,200	5	313221	05/04/23	05/05/23	VTN
4-Chloroaniline	ND		ug/Kg	1,200	5	313221	05/04/23	05/05/23	VTN
Hexachlorobutadiene	ND		ug/Kg	1,200	5	313221	05/04/23	05/05/23	VTN
4-Chloro-3-methylphenol	ND		ug/Kg	1,200	5	313221	05/04/23	05/05/23	VTN

Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

Analysis Results for 484472

484472-015 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
2-Methylnaphthalene	ND		ug/Kg	1,200	5	313221	05/04/23	05/05/23	VTN
Hexachlorocyclopentadiene	ND		ug/Kg	6,000	5	313221	05/04/23	05/05/23	VTN
2,4,6-Trichlorophenol	ND		ug/Kg	1,200	5	313221	05/04/23	05/05/23	VTN
2,4,5-Trichlorophenol	ND		ug/Kg	1,200	5	313221	05/04/23	05/05/23	VTN
2-Chloronaphthalene	ND		ug/Kg	1,200	5	313221	05/04/23	05/05/23	VTN
2-Nitroaniline	ND		ug/Kg	1,200	5	313221	05/04/23	05/05/23	VTN
Dimethylphthalate	ND		ug/Kg	1,200	5	313221	05/04/23	05/05/23	VTN
Acenaphthylene	ND		ug/Kg	1,200	5	313221	05/04/23	05/05/23	VTN
2,6-Dinitrotoluene	ND		ug/Kg	1,200	5	313221	05/04/23	05/05/23	VTN
3-Nitroaniline	ND		ug/Kg	1,200	5	313221	05/04/23	05/05/23	VTN
Acenaphthene	ND		ug/Kg	1,200	5	313221	05/04/23	05/05/23	VTN
2,4-Dinitrophenol	ND		ug/Kg	6,000	5	313221	05/04/23	05/05/23	VTN
4-Nitrophenol	ND		ug/Kg	1,200	5	313221	05/04/23	05/05/23	VTN
Dibenzofuran	ND		ug/Kg	1,200	5	313221	05/04/23	05/05/23	VTN
2,4-Dinitrotoluene	ND		ug/Kg	1,200	5	313221	05/04/23	05/05/23	VTN
Diethylphthalate	ND		ug/Kg	1,200	5	313221	05/04/23	05/05/23	VTN
Fluorene	ND		ug/Kg	1,200	5	313221	05/04/23	05/05/23	VTN
4-Chlorophenyl-phenylether	ND		ug/Kg	1,200	5	313221	05/04/23	05/05/23	VTN
4-Nitroaniline	ND		ug/Kg	1,200	5	313221	05/04/23	05/05/23	VTN
4,6-Dinitro-2-methylphenol	ND		ug/Kg	1,200	5	313221	05/04/23	05/05/23	VTN
N-Nitrosodiphenylamine	ND		ug/Kg	1,200	5	313221	05/04/23	05/05/23	VTN
1,2-diphenylhydrazine (as azobenzene)	ND		ug/Kg	1,200	5	313221	05/04/23	05/05/23	VTN
4-Bromophenyl-phenylether	ND		ug/Kg	1,200	5	313221	05/04/23	05/05/23	VTN
Hexachlorobenzene	ND		ug/Kg	1,200	5	313221	05/04/23	05/05/23	VTN
Pentachlorophenol	ND		ug/Kg	6,000	5	313221	05/04/23	05/05/23	VTN
Phenanthrene	ND		ug/Kg	1,200	5	313221	05/04/23	05/05/23	VTN
Anthracene	ND		ug/Kg	1,200	5	313221	05/04/23	05/05/23	VTN
Di-n-butylphthalate	ND		ug/Kg	1,200	5	313221	05/04/23	05/05/23	VTN
Fluoranthene	ND		ug/Kg	1,200	5	313221	05/04/23	05/05/23	VTN
Benzidine	ND		ug/Kg	6,000	5	313221	05/04/23	05/05/23	VTN
Pyrene	ND		ug/Kg	1,200	5	313221	05/04/23	05/05/23	VTN
Butylbenzylphthalate	ND		ug/Kg	1,200	5	313221	05/04/23	05/05/23	VTN
3,3'-Dichlorobenzidine	ND		ug/Kg	6,000	5	313221	05/04/23	05/05/23	VTN
Benzo(a)anthracene	ND		ug/Kg	1,200	5	313221	05/04/23	05/05/23	VTN
Chrysene	ND		ug/Kg	1,200	5	313221	05/04/23	05/05/23	VTN
bis(2-Ethylhexyl)phthalate	ND		ug/Kg	1,200	5	313221	05/04/23	05/05/23	VTN
Di-n-octylphthalate	ND		ug/Kg	1,200	5	313221	05/04/23	05/05/23	VTN
Benzo(b)fluoranthene	ND		ug/Kg	1,200	5	313221	05/04/23	05/05/23	VTN
Benzo(k)fluoranthene	ND		ug/Kg	1,200	5	313221	05/04/23	05/05/23	VTN
Benzo(a)pyrene	ND		ug/Kg	1,200	5	313221	05/04/23	05/05/23	VTN
Indeno(1,2,3-cd)pyrene	ND		ug/Kg	1,200	5	313221	05/04/23	05/05/23	VTN
Dibenz(a,h)anthracene	ND		ug/Kg	1,200	5	313221	05/04/23	05/05/23	VTN
Benzo(g,h,i)perylene	ND		ug/Kg	1,200	5	313221	05/04/23	05/05/23	VTN
Surrogates				**Limits**					
2-Fluorophenol	95%		%REC	29-120	5	313221	05/04/23	05/05/23	VTN
Phenol-d6	102%		%REC	30-120	5	313221	05/04/23	05/05/23	VTN

Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

Analysis Results for 484472

484472-015 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
2,4,6-Tribromophenol	111%		%REC	32-120	5	313221	05/04/23	05/05/23	VTN
Nitrobenzene-d5	95%		%REC	33-120	5	313221	05/04/23	05/05/23	VTN
2-Fluorobiphenyl	97%		%REC	39-120	5	313221	05/04/23	05/05/23	VTN
Terphenyl-d14	103%		%REC	44-125	5	313221	05/04/23	05/05/23	VTN

Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

Analysis Results for 484472

Sample ID: F-19-20	Lab ID: 484472-019	Collected: 05/03/23 11:00
	Matrix: Soil	

484472-019 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 6010B Prep Method: EPA 3050B									
Antimony	ND		mg/Kg	2.9	0.95	313263	05/05/23	05/05/23	SBW
Arsenic	**6.0**		mg/Kg	0.95	0.95	313263	05/05/23	05/05/23	SBW
Barium	**220**		mg/Kg	0.95	0.95	313263	05/05/23	05/05/23	SBW
Beryllium	**0.52**		mg/Kg	0.48	0.95	313263	05/05/23	05/05/23	SBW
Cadmium	ND		mg/Kg	0.48	0.95	313263	05/05/23	05/05/23	SBW
Chromium	**76**		mg/Kg	0.95	0.95	313263	05/05/23	05/05/23	SBW
Cobalt	**20**		mg/Kg	0.48	0.95	313263	05/05/23	05/05/23	SBW
Copper	**57**		mg/Kg	0.95	0.95	313263	05/05/23	05/05/23	SBW
Lead	**10**		mg/Kg	0.95	0.95	313263	05/05/23	05/05/23	SBW
Molybdenum	**1.8**		mg/Kg	0.95	0.95	313263	05/05/23	05/05/23	SBW
Nickel	**93**		mg/Kg	0.95	0.95	313263	05/05/23	05/05/23	SBW
Selenium	ND		mg/Kg	2.9	0.95	313263	05/05/23	05/05/23	SBW
Silver	ND		mg/Kg	0.48	0.95	313263	05/05/23	05/05/23	SBW
Thallium	ND		mg/Kg	2.9	0.95	313263	05/05/23	05/05/23	SBW
Vanadium	**68**		mg/Kg	0.95	0.95	313263	05/05/23	05/05/23	SBW
Zinc	**61**		mg/Kg	4.8	0.95	313263	05/05/23	05/05/23	SBW
Method: EPA 7471A Prep Method: METHOD									
Mercury	**0.22**		mg/Kg	0.14	1	313434	05/08/23	05/09/23	KAM
Method: EPA 8015B Prep Method: EPA 5035									
TPH Gasoline	ND		mg/Kg	2.2	0.74	313445	05/09/23	05/09/23	ILK
Surrogates				**Limits**					
Bromofluorobenzene (FID)	74%		%REC	60-140	0.74	313445	05/09/23	05/09/23	ILK
Method: EPA 8015M Prep Method: EPA 3580M									
DRO C10-C28	**38**		mg/Kg	20	2	313265	05/05/23	05/07/23	BJG
ORO C28-C44	**92**		mg/Kg	40	2	313265	05/05/23	05/07/23	BJG
Surrogates				**Limits**					
n-Triacontane	83%		%REC	70-130	2	313265	05/05/23	05/07/23	BJG
Method: EPA 8260B Prep Method: EPA 5035									
Freon 12	ND		ug/Kg	3.8	0.77	313258	05/05/23	05/05/23	HMN
Chloromethane	ND		ug/Kg	3.8	0.77	313258	05/05/23	05/05/23	HMN
Vinyl Chloride	ND		ug/Kg	3.8	0.77	313258	05/05/23	05/05/23	HMN
Bromomethane	ND		ug/Kg	3.8	0.77	313258	05/05/23	05/05/23	HMN
Chloroethane	ND		ug/Kg	3.8	0.77	313258	05/05/23	05/05/23	HMN
Trichlorofluoromethane	ND		ug/Kg	3.8	0.77	313258	05/05/23	05/05/23	HMN
Acetone	ND		ug/Kg	77	0.77	313258	05/05/23	05/05/23	HMN
Freon 113	ND		ug/Kg	3.8	0.77	313258	05/05/23	05/05/23	HMN

Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

Analysis Results for 484472

484472-019 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
1,1-Dichloroethene	ND		ug/Kg	3.8	0.77	313258	05/05/23	05/05/23	HMN
Methylene Chloride	ND		ug/Kg	3.8	0.77	313258	05/05/23	05/05/23	HMN
MTBE	ND		ug/Kg	3.8	0.77	313258	05/05/23	05/05/23	HMN
trans-1,2-Dichloroethene	ND		ug/Kg	3.8	0.77	313258	05/05/23	05/05/23	HMN
1,1-Dichloroethane	ND		ug/Kg	3.8	0.77	313258	05/05/23	05/05/23	HMN
2-Butanone	ND		ug/Kg	77	0.77	313258	05/05/23	05/05/23	HMN
cis-1,2-Dichloroethene	ND		ug/Kg	3.8	0.77	313258	05/05/23	05/05/23	HMN
2,2-Dichloropropane	ND		ug/Kg	3.8	0.77	313258	05/05/23	05/05/23	HMN
Chloroform	ND		ug/Kg	3.8	0.77	313258	05/05/23	05/05/23	HMN
Bromochloromethane	ND		ug/Kg	3.8	0.77	313258	05/05/23	05/05/23	HMN
1,1,1-Trichloroethane	ND		ug/Kg	3.8	0.77	313258	05/05/23	05/05/23	HMN
1,1-Dichloropropene	ND		ug/Kg	3.8	0.77	313258	05/05/23	05/05/23	HMN
Carbon Tetrachloride	ND		ug/Kg	3.8	0.77	313258	05/05/23	05/05/23	HMN
1,2-Dichloroethane	ND		ug/Kg	3.8	0.77	313258	05/05/23	05/05/23	HMN
Benzene	ND		ug/Kg	3.8	0.77	313258	05/05/23	05/05/23	HMN
Trichloroethene	ND		ug/Kg	3.8	0.77	313258	05/05/23	05/05/23	HMN
1,2-Dichloropropane	ND		ug/Kg	3.8	0.77	313258	05/05/23	05/05/23	HMN
Bromodichloromethane	ND		ug/Kg	3.8	0.77	313258	05/05/23	05/05/23	HMN
Dibromomethane	ND		ug/Kg	3.8	0.77	313258	05/05/23	05/05/23	HMN
4-Methyl-2-Pentanone	ND		ug/Kg	6.3	0.77	313258	05/05/23	05/05/23	HMN
cis-1,3-Dichloropropene	ND		ug/Kg	3.8	0.77	313258	05/05/23	05/05/23	HMN
Toluene	ND		ug/Kg	3.8	0.77	313258	05/05/23	05/05/23	HMN
trans-1,3-Dichloropropene	ND		ug/Kg	3.8	0.77	313258	05/05/23	05/05/23	HMN
1,1,2-Trichloroethane	ND		ug/Kg	3.8	0.77	313258	05/05/23	05/05/23	HMN
1,3-Dichloropropane	ND		ug/Kg	3.8	0.77	313258	05/05/23	05/05/23	HMN
Tetrachloroethene	ND		ug/Kg	3.8	0.77	313258	05/05/23	05/05/23	HMN
Dibromochloromethane	ND		ug/Kg	3.8	0.77	313258	05/05/23	05/05/23	HMN
1,2-Dibromoethane	ND		ug/Kg	3.8	0.77	313258	05/05/23	05/05/23	HMN
Chlorobenzene	ND		ug/Kg	3.8	0.77	313258	05/05/23	05/05/23	HMN
1,1,1,2-Tetrachloroethane	ND		ug/Kg	3.8	0.77	313258	05/05/23	05/05/23	HMN
Ethylbenzene	ND		ug/Kg	3.8	0.77	313258	05/05/23	05/05/23	HMN
m,p-Xylenes	ND		ug/Kg	7.7	0.77	313258	05/05/23	05/05/23	HMN
o-Xylene	ND		ug/Kg	3.8	0.77	313258	05/05/23	05/05/23	HMN
Styrene	ND		ug/Kg	3.8	0.77	313258	05/05/23	05/05/23	HMN
Bromoform	ND		ug/Kg	3.8	0.77	313258	05/05/23	05/05/23	HMN
Isopropylbenzene	ND		ug/Kg	3.8	0.77	313258	05/05/23	05/05/23	HMN
1,1,2,2-Tetrachloroethane	ND		ug/Kg	3.8	0.77	313258	05/05/23	05/05/23	HMN
1,2,3-Trichloropropane	ND		ug/Kg	3.8	0.77	313258	05/05/23	05/05/23	HMN
Propylbenzene	ND		ug/Kg	3.8	0.77	313258	05/05/23	05/05/23	HMN
Bromobenzene	ND		ug/Kg	3.8	0.77	313258	05/05/23	05/05/23	HMN
1,3,5-Trimethylbenzene	ND		ug/Kg	3.8	0.77	313258	05/05/23	05/05/23	HMN
2-Chlorotoluene	ND		ug/Kg	3.8	0.77	313258	05/05/23	05/05/23	HMN
4-Chlorotoluene	ND		ug/Kg	3.8	0.77	313258	05/05/23	05/05/23	HMN
tert-Butylbenzene	ND		ug/Kg	3.8	0.77	313258	05/05/23	05/05/23	HMN
1,2,4-Trimethylbenzene	ND		ug/Kg	3.8	0.77	313258	05/05/23	05/05/23	HMN
sec-Butylbenzene	ND		ug/Kg	3.8	0.77	313258	05/05/23	05/05/23	HMN

Results for any subcontracted analyses are not included in this section.

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Analysis Results for 484472

484472-019 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
para-Isopropyl Toluene	ND		ug/Kg	3.8	0.77	313258	05/05/23	05/05/23	HMN
1,3-Dichlorobenzene	ND		ug/Kg	3.8	0.77	313258	05/05/23	05/05/23	HMN
1,4-Dichlorobenzene	ND		ug/Kg	3.8	0.77	313258	05/05/23	05/05/23	HMN
n-Butylbenzene	ND		ug/Kg	3.8	0.77	313258	05/05/23	05/05/23	HMN
1,2-Dichlorobenzene	ND		ug/Kg	3.8	0.77	313258	05/05/23	05/05/23	HMN
1,2-Dibromo-3-Chloropropane	ND		ug/Kg	3.8	0.77	313258	05/05/23	05/05/23	HMN
1,2,4-Trichlorobenzene	ND		ug/Kg	3.8	0.77	313258	05/05/23	05/05/23	HMN
Hexachlorobutadiene	ND		ug/Kg	3.8	0.77	313258	05/05/23	05/05/23	HMN
Naphthalene	ND		ug/Kg	3.8	0.77	313258	05/05/23	05/05/23	HMN
1,2,3-Trichlorobenzene	ND		ug/Kg	3.8	0.77	313258	05/05/23	05/05/23	HMN
Surrogates				**Limits**					
Dibromofluoromethane	97%		%REC	70-145	0.77	313258	05/05/23	05/05/23	HMN
1,2-Dichloroethane-d4	97%		%REC	70-145	0.77	313258	05/05/23	05/05/23	HMN
Toluene-d8	98%		%REC	70-145	0.77	313258	05/05/23	05/05/23	HMN
Bromofluorobenzene	100%		%REC	70-145	0.77	313258	05/05/23	05/05/23	HMN
Method: EPA 8270C Prep Method: EPA 3546									
Carbazole	ND		ug/Kg	250	1	313221	05/04/23	05/05/23	VTN
1-Methylnaphthalene	ND		ug/Kg	250	1	313221	05/04/23	05/05/23	VTN
Pyridine	ND		ug/Kg	250	1	313221	05/04/23	05/05/23	VTN
N-Nitrosodimethylamine	ND		ug/Kg	250	1	313221	05/04/23	05/05/23	VTN
Phenol	ND		ug/Kg	250	1	313221	05/04/23	05/05/23	VTN
Aniline	ND		ug/Kg	250	1	313221	05/04/23	05/05/23	VTN
bis(2-Chloroethyl)ether	ND		ug/Kg	1,200	1	313221	05/04/23	05/05/23	VTN
2-Chlorophenol	ND		ug/Kg	250	1	313221	05/04/23	05/05/23	VTN
1,3-Dichlorobenzene	ND		ug/Kg	250	1	313221	05/04/23	05/05/23	VTN
1,4-Dichlorobenzene	ND		ug/Kg	250	1	313221	05/04/23	05/05/23	VTN
Benzyl alcohol	ND		ug/Kg	250	1	313221	05/04/23	05/05/23	VTN
1,2-Dichlorobenzene	ND		ug/Kg	250	1	313221	05/04/23	05/05/23	VTN
2-Methylphenol	ND		ug/Kg	250	1	313221	05/04/23	05/05/23	VTN
bis(2-Chloroisopropyl) ether	ND		ug/Kg	250	1	313221	05/04/23	05/05/23	VTN
3-,4-Methylphenol	ND		ug/Kg	400	1	313221	05/04/23	05/05/23	VTN
N-Nitroso-di-n-propylamine	ND		ug/Kg	250	1	313221	05/04/23	05/05/23	VTN
Hexachloroethane	ND		ug/Kg	250	1	313221	05/04/23	05/05/23	VTN
Nitrobenzene	ND		ug/Kg	1,200	1	313221	05/04/23	05/05/23	VTN
Isophorone	ND		ug/Kg	250	1	313221	05/04/23	05/05/23	VTN
2-Nitrophenol	ND		ug/Kg	250	1	313221	05/04/23	05/05/23	VTN
2,4-Dimethylphenol	ND		ug/Kg	250	1	313221	05/04/23	05/05/23	VTN
Benzoic acid	ND		ug/Kg	1,200	1	313221	05/04/23	05/05/23	VTN
bis(2-Chloroethoxy)methane	ND		ug/Kg	250	1	313221	05/04/23	05/05/23	VTN
2,4-Dichlorophenol	ND		ug/Kg	250	1	313221	05/04/23	05/05/23	VTN
1,2,4-Trichlorobenzene	ND		ug/Kg	250	1	313221	05/04/23	05/05/23	VTN
Naphthalene	ND		ug/Kg	250	1	313221	05/04/23	05/05/23	VTN
4-Chloroaniline	ND		ug/Kg	250	1	313221	05/04/23	05/05/23	VTN
Hexachlorobutadiene	ND		ug/Kg	250	1	313221	05/04/23	05/05/23	VTN
4-Chloro-3-methylphenol	ND		ug/Kg	250	1	313221	05/04/23	05/05/23	VTN

Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

Analysis Results for 484472

484472-019 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
2-Methylnaphthalene	ND		ug/Kg	250	1	313221	05/04/23	05/05/23	VTN
Hexachlorocyclopentadiene	ND		ug/Kg	1,200	1	313221	05/04/23	05/05/23	VTN
2,4,6-Trichlorophenol	ND		ug/Kg	250	1	313221	05/04/23	05/05/23	VTN
2,4,5-Trichlorophenol	ND		ug/Kg	250	1	313221	05/04/23	05/05/23	VTN
2-Chloronaphthalene	ND		ug/Kg	250	1	313221	05/04/23	05/05/23	VTN
2-Nitroaniline	ND		ug/Kg	250	1	313221	05/04/23	05/05/23	VTN
Dimethylphthalate	ND		ug/Kg	250	1	313221	05/04/23	05/05/23	VTN
Acenaphthylene	ND		ug/Kg	250	1	313221	05/04/23	05/05/23	VTN
2,6-Dinitrotoluene	ND		ug/Kg	250	1	313221	05/04/23	05/05/23	VTN
3-Nitroaniline	ND		ug/Kg	250	1	313221	05/04/23	05/05/23	VTN
Acenaphthene	ND		ug/Kg	250	1	313221	05/04/23	05/05/23	VTN
2,4-Dinitrophenol	ND		ug/Kg	1,200	1	313221	05/04/23	05/05/23	VTN
4-Nitrophenol	ND		ug/Kg	250	1	313221	05/04/23	05/05/23	VTN
Dibenzofuran	ND		ug/Kg	250	1	313221	05/04/23	05/05/23	VTN
2,4-Dinitrotoluene	ND		ug/Kg	250	1	313221	05/04/23	05/05/23	VTN
Diethylphthalate	ND		ug/Kg	250	1	313221	05/04/23	05/05/23	VTN
Fluorene	ND		ug/Kg	250	1	313221	05/04/23	05/05/23	VTN
4-Chlorophenyl-phenylether	ND		ug/Kg	250	1	313221	05/04/23	05/05/23	VTN
4-Nitroaniline	ND		ug/Kg	250	1	313221	05/04/23	05/05/23	VTN
4,6-Dinitro-2-methylphenol	ND		ug/Kg	250	1	313221	05/04/23	05/05/23	VTN
N-Nitrosodiphenylamine	ND		ug/Kg	250	1	313221	05/04/23	05/05/23	VTN
1,2-diphenylhydrazine (as azobenzene)	ND		ug/Kg	250	1	313221	05/04/23	05/05/23	VTN
4-Bromophenyl-phenylether	ND		ug/Kg	250	1	313221	05/04/23	05/05/23	VTN
Hexachlorobenzene	ND		ug/Kg	250	1	313221	05/04/23	05/05/23	VTN
Pentachlorophenol	ND		ug/Kg	1,200	1	313221	05/04/23	05/05/23	VTN
Phenanthrene	ND		ug/Kg	250	1	313221	05/04/23	05/05/23	VTN
Anthracene	ND		ug/Kg	250	1	313221	05/04/23	05/05/23	VTN
Di-n-butylphthalate	ND		ug/Kg	250	1	313221	05/04/23	05/05/23	VTN
Fluoranthene	ND		ug/Kg	250	1	313221	05/04/23	05/05/23	VTN
Benzidine	ND		ug/Kg	1,200	1	313221	05/04/23	05/05/23	VTN
Pyrene	ND		ug/Kg	250	1	313221	05/04/23	05/05/23	VTN
Butylbenzylphthalate	ND		ug/Kg	250	1	313221	05/04/23	05/05/23	VTN
3,3'-Dichlorobenzidine	ND		ug/Kg	1,200	1	313221	05/04/23	05/05/23	VTN
Benzo(a)anthracene	ND		ug/Kg	250	1	313221	05/04/23	05/05/23	VTN
Chrysene	ND		ug/Kg	250	1	313221	05/04/23	05/05/23	VTN
bis(2-Ethylhexyl)phthalate	ND		ug/Kg	250	1	313221	05/04/23	05/05/23	VTN
Di-n-octylphthalate	ND		ug/Kg	250	1	313221	05/04/23	05/05/23	VTN
Benzo(b)fluoranthene	ND		ug/Kg	250	1	313221	05/04/23	05/05/23	VTN
Benzo(k)fluoranthene	ND		ug/Kg	250	1	313221	05/04/23	05/05/23	VTN
Benzo(a)pyrene	ND		ug/Kg	250	1	313221	05/04/23	05/05/23	VTN
Indeno(1,2,3-cd)pyrene	ND		ug/Kg	250	1	313221	05/04/23	05/05/23	VTN
Dibenz(a,h)anthracene	ND		ug/Kg	250	1	313221	05/04/23	05/05/23	VTN
Benzo(g,h,i)perylene	ND		ug/Kg	250	1	313221	05/04/23	05/05/23	VTN
Surrogates				**Limits**					
2-Fluorophenol	81%		%REC	29-120	1	313221	05/04/23	05/05/23	VTN
Phenol-d6	86%		%REC	30-120	1	313221	05/04/23	05/05/23	VTN

Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

Analysis Results for 484472

484472-019 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
2,4,6-Tribromophenol	104%		%REC	32-120	1	313221	05/04/23	05/05/23	VTN
Nitrobenzene-d5	83%		%REC	33-120	1	313221	05/04/23	05/05/23	VTN
2-Fluorobiphenyl	85%		%REC	39-120	1	313221	05/04/23	05/05/23	VTN
Terphenyl-d14	95%		%REC	44-125	1	313221	05/04/23	05/05/23	VTN

Results for any subcontracted analyses are not included in this section.

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Analysis Results for 484472

Sample ID: F-19-30	Lab ID: 484472-021	Collected: 05/03/23 11:23
	Matrix: Soil	

484472-021 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 6010B Prep Method: EPA 3050B									
Antimony	ND		mg/Kg	2.9	0.96	313263	05/05/23	05/05/23	SBW
Arsenic	**7.0**		mg/Kg	0.96	0.96	313263	05/05/23	05/05/23	SBW
Barium	**110**		mg/Kg	0.96	0.96	313263	05/05/23	05/05/23	SBW
Beryllium	**0.53**		mg/Kg	0.48	0.96	313263	05/05/23	05/05/23	SBW
Cadmium	ND		mg/Kg	0.48	0.96	313263	05/05/23	05/05/23	SBW
Chromium	**48**		mg/Kg	0.96	0.96	313263	05/05/23	05/05/23	SBW
Cobalt	**17**		mg/Kg	0.48	0.96	313263	05/05/23	05/05/23	SBW
Copper	**24**		mg/Kg	0.96	0.96	313263	05/05/23	05/05/23	SBW
Lead	**11**		mg/Kg	0.96	0.96	313263	05/05/23	05/05/23	SBW
Molybdenum	**1.6**		mg/Kg	0.96	0.96	313263	05/05/23	05/05/23	SBW
Nickel	**56**		mg/Kg	0.96	0.96	313263	05/05/23	05/05/23	SBW
Selenium	ND		mg/Kg	2.9	0.96	313263	05/05/23	05/05/23	SBW
Silver	ND		mg/Kg	0.48	0.96	313263	05/05/23	05/05/23	SBW
Thallium	ND		mg/Kg	2.9	0.96	313263	05/05/23	05/05/23	SBW
Vanadium	**54**		mg/Kg	0.96	0.96	313263	05/05/23	05/05/23	SBW
Zinc	**62**		mg/Kg	4.8	0.96	313263	05/05/23	05/05/23	SBW
Method: EPA 7471A Prep Method: METHOD									
Mercury	ND		mg/Kg	0.16	1.1	313434	05/08/23	05/09/23	KAM
Method: EPA 8015B Prep Method: EPA 5035									
TPH Gasoline	ND		mg/Kg	2.3	0.78	313445	05/09/23	05/09/23	ILK
Surrogates				**Limits**					
Bromofluorobenzene (FID)	72%		%REC	60-140	0.78	313445	05/09/23	05/09/23	ILK
Method: EPA 8015M Prep Method: EPA 3580M									
DRO C10-C28	**10**		mg/Kg	9.9	0.99	313265	05/05/23	05/07/23	BJG
ORO C28-C44	**27**		mg/Kg	20	0.99	313265	05/05/23	05/07/23	BJG
Surrogates				**Limits**					
n-Triacontane	85%		%REC	70-130	0.99	313265	05/05/23	05/07/23	BJG
Method: EPA 8081A Prep Method: EPA 3546									
alpha-BHC	ND		ug/Kg	25	5	313275	05/05/23	05/05/23	MES
beta-BHC	ND		ug/Kg	25	5	313275	05/05/23	05/05/23	MES
gamma-BHC	ND		ug/Kg	25	5	313275	05/05/23	05/05/23	MES
delta-BHC	ND		ug/Kg	25	5	313275	05/05/23	05/05/23	MES
Heptachlor	ND		ug/Kg	25	5	313275	05/05/23	05/05/23	MES
Aldrin	ND		ug/Kg	25	5	313275	05/05/23	05/05/23	MES
Heptachlor epoxide	ND		ug/Kg	25	5	313275	05/05/23	05/05/23	MES
Endosulfan I	ND		ug/Kg	25	5	313275	05/05/23	05/05/23	MES

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Analysis Results for 484472

484472-021 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Dieldrin	ND		ug/Kg	25	5	313275	05/05/23	05/05/23	MES
4,4'-DDE	ND		ug/Kg	25	5	313275	05/05/23	05/05/23	MES
Endrin	ND		ug/Kg	25	5	313275	05/05/23	05/05/23	MES
Endosulfan II	ND		ug/Kg	25	5	313275	05/05/23	05/05/23	MES
Endosulfan sulfate	ND		ug/Kg	25	5	313275	05/05/23	05/05/23	MES
4,4'-DDD	ND		ug/Kg	25	5	313275	05/05/23	05/05/23	MES
Endrin aldehyde	ND		ug/Kg	25	5	313275	05/05/23	05/05/23	MES
Endrin ketone	ND	#	ug/Kg	25	5	313275	05/05/23	05/05/23	MES
4,4'-DDT	ND		ug/Kg	25	5	313275	05/05/23	05/05/23	MES
Methoxychlor	ND		ug/Kg	50	5	313275	05/05/23	05/05/23	MES
Toxaphene	ND		ug/Kg	500	5	313275	05/05/23	05/05/23	MES
Chlordane (Technical)	ND		ug/Kg	250	5	313275	05/05/23	05/05/23	MES
Surrogates				**Limits**					
TCMX	96%		%REC	23-120	5	313275	05/05/23	05/05/23	MES
Decachlorobiphenyl	120%		%REC	24-120	5	313275	05/05/23	05/05/23	MES
Method: EPA 8082 Prep Method: EPA 3546									
Aroclor-1016	ND		ug/Kg	100	2	313275	05/05/23	05/06/23	MES
Aroclor-1221	ND		ug/Kg	100	2	313275	05/05/23	05/06/23	MES
Aroclor-1232	ND		ug/Kg	100	2	313275	05/05/23	05/06/23	MES
Aroclor-1242	ND		ug/Kg	100	2	313275	05/05/23	05/06/23	MES
Aroclor-1248	ND		ug/Kg	100	2	313275	05/05/23	05/06/23	MES
Aroclor-1254	ND		ug/Kg	100	2	313275	05/05/23	05/06/23	MES
Aroclor-1260	ND		ug/Kg	100	2	313275	05/05/23	05/06/23	MES
Surrogates				**Limits**					
Decachlorobiphenyl (PCB)	100%		%REC	19-121	2	313275	05/05/23	05/06/23	MES
Method: EPA 8260B Prep Method: EPA 5035									
Freon 12	ND		ug/Kg	3.6	0.71	313258	05/05/23	05/05/23	HMN
Chloromethane	ND		ug/Kg	3.6	0.71	313258	05/05/23	05/05/23	HMN
Vinyl Chloride	ND		ug/Kg	3.6	0.71	313258	05/05/23	05/05/23	HMN
Bromomethane	ND		ug/Kg	3.6	0.71	313258	05/05/23	05/05/23	HMN
Chloroethane	ND		ug/Kg	3.6	0.71	313258	05/05/23	05/05/23	HMN
Trichlorofluoromethane	ND		ug/Kg	3.6	0.71	313258	05/05/23	05/05/23	HMN
Acetone	ND		ug/Kg	71	0.71	313258	05/05/23	05/05/23	HMN
Freon 113	ND		ug/Kg	3.6	0.71	313258	05/05/23	05/05/23	HMN
1,1-Dichloroethene	ND		ug/Kg	3.6	0.71	313258	05/05/23	05/05/23	HMN
Methylene Chloride	ND		ug/Kg	3.6	0.71	313258	05/05/23	05/05/23	HMN
MTBE	ND		ug/Kg	3.6	0.71	313258	05/05/23	05/05/23	HMN
trans-1,2-Dichloroethene	ND		ug/Kg	3.6	0.71	313258	05/05/23	05/05/23	HMN
1,1-Dichloroethane	ND		ug/Kg	3.6	0.71	313258	05/05/23	05/05/23	HMN
2-Butanone	ND		ug/Kg	71	0.71	313258	05/05/23	05/05/23	HMN
cis-1,2-Dichloroethene	ND		ug/Kg	3.6	0.71	313258	05/05/23	05/05/23	HMN
2,2-Dichloropropane	ND		ug/Kg	3.6	0.71	313258	05/05/23	05/05/23	HMN
Chloroform	ND		ug/Kg	3.6	0.71	313258	05/05/23	05/05/23	HMN
Bromochloromethane	ND		ug/Kg	3.6	0.71	313258	05/05/23	05/05/23	HMN

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Analysis Results for 484472

484472-021 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
1,1,1-Trichloroethane	ND		ug/Kg	3.6	0.71	313258	05/05/23	05/05/23	HMN
1,1-Dichloropropene	ND		ug/Kg	3.6	0.71	313258	05/05/23	05/05/23	HMN
Carbon Tetrachloride	ND		ug/Kg	3.6	0.71	313258	05/05/23	05/05/23	HMN
1,2-Dichloroethane	ND		ug/Kg	3.6	0.71	313258	05/05/23	05/05/23	HMN
Benzene	ND		ug/Kg	3.6	0.71	313258	05/05/23	05/05/23	HMN
Trichloroethene	ND		ug/Kg	3.6	0.71	313258	05/05/23	05/05/23	HMN
1,2-Dichloropropane	ND		ug/Kg	3.6	0.71	313258	05/05/23	05/05/23	HMN
Bromodichloromethane	ND		ug/Kg	3.6	0.71	313258	05/05/23	05/05/23	HMN
Dibromomethane	ND		ug/Kg	3.6	0.71	313258	05/05/23	05/05/23	HMN
4-Methyl-2-Pentanone	ND		ug/Kg	5.8	0.71	313258	05/05/23	05/05/23	HMN
cis-1,3-Dichloropropene	ND		ug/Kg	3.6	0.71	313258	05/05/23	05/05/23	HMN
Toluene	ND		ug/Kg	3.6	0.71	313258	05/05/23	05/05/23	HMN
trans-1,3-Dichloropropene	ND		ug/Kg	3.6	0.71	313258	05/05/23	05/05/23	HMN
1,1,2-Trichloroethane	ND		ug/Kg	3.6	0.71	313258	05/05/23	05/05/23	HMN
1,3-Dichloropropane	ND		ug/Kg	3.6	0.71	313258	05/05/23	05/05/23	HMN
Tetrachloroethene	ND		ug/Kg	3.6	0.71	313258	05/05/23	05/05/23	HMN
Dibromochloromethane	ND		ug/Kg	3.6	0.71	313258	05/05/23	05/05/23	HMN
1,2-Dibromoethane	ND		ug/Kg	3.6	0.71	313258	05/05/23	05/05/23	HMN
Chlorobenzene	ND		ug/Kg	3.6	0.71	313258	05/05/23	05/05/23	HMN
1,1,1,2-Tetrachloroethane	ND		ug/Kg	3.6	0.71	313258	05/05/23	05/05/23	HMN
Ethylbenzene	ND		ug/Kg	3.6	0.71	313258	05/05/23	05/05/23	HMN
m,p-Xylenes	ND		ug/Kg	7.1	0.71	313258	05/05/23	05/05/23	HMN
o-Xylene	ND		ug/Kg	3.6	0.71	313258	05/05/23	05/05/23	HMN
Styrene	ND		ug/Kg	3.6	0.71	313258	05/05/23	05/05/23	HMN
Bromoform	ND		ug/Kg	3.6	0.71	313258	05/05/23	05/05/23	HMN
Isopropylbenzene	ND		ug/Kg	3.6	0.71	313258	05/05/23	05/05/23	HMN
1,1,2,2-Tetrachloroethane	ND		ug/Kg	3.6	0.71	313258	05/05/23	05/05/23	HMN
1,2,3-Trichloropropane	ND		ug/Kg	3.6	0.71	313258	05/05/23	05/05/23	HMN
Propylbenzene	ND		ug/Kg	3.6	0.71	313258	05/05/23	05/05/23	HMN
Bromobenzene	ND		ug/Kg	3.6	0.71	313258	05/05/23	05/05/23	HMN
1,3,5-Trimethylbenzene	ND		ug/Kg	3.6	0.71	313258	05/05/23	05/05/23	HMN
2-Chlorotoluene	ND		ug/Kg	3.6	0.71	313258	05/05/23	05/05/23	HMN
4-Chlorotoluene	ND		ug/Kg	3.6	0.71	313258	05/05/23	05/05/23	HMN
tert-Butylbenzene	ND		ug/Kg	3.6	0.71	313258	05/05/23	05/05/23	HMN
1,2,4-Trimethylbenzene	ND		ug/Kg	3.6	0.71	313258	05/05/23	05/05/23	HMN
sec-Butylbenzene	ND		ug/Kg	3.6	0.71	313258	05/05/23	05/05/23	HMN
para-Isopropyl Toluene	ND		ug/Kg	3.6	0.71	313258	05/05/23	05/05/23	HMN
1,3-Dichlorobenzene	ND		ug/Kg	3.6	0.71	313258	05/05/23	05/05/23	HMN
1,4-Dichlorobenzene	ND		ug/Kg	3.6	0.71	313258	05/05/23	05/05/23	HMN
n-Butylbenzene	ND		ug/Kg	3.6	0.71	313258	05/05/23	05/05/23	HMN
1,2-Dichlorobenzene	ND		ug/Kg	3.6	0.71	313258	05/05/23	05/05/23	HMN
1,2-Dibromo-3-Chloropropane	ND		ug/Kg	3.6	0.71	313258	05/05/23	05/05/23	HMN
1,2,4-Trichlorobenzene	ND		ug/Kg	3.6	0.71	313258	05/05/23	05/05/23	HMN
Hexachlorobutadiene	ND		ug/Kg	3.6	0.71	313258	05/05/23	05/05/23	HMN
Naphthalene	ND		ug/Kg	3.6	0.71	313258	05/05/23	05/05/23	HMN
1,2,3-Trichlorobenzene	ND		ug/Kg	3.6	0.71	313258	05/05/23	05/05/23	HMN

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Analysis Results for 484472

484472-021 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Surrogates				**Limits**					
Dibromofluoromethane	98%		%REC	70-145	0.71	313258	05/05/23	05/05/23	HMN
1,2-Dichloroethane-d4	99%		%REC	70-145	0.71	313258	05/05/23	05/05/23	HMN
Toluene-d8	99%		%REC	70-145	0.71	313258	05/05/23	05/05/23	HMN
Bromofluorobenzene	101%		%REC	70-145	0.71	313258	05/05/23	05/05/23	HMN
Method: EPA 8270C Prep Method: EPA 3546									
Carbazole	ND		ug/Kg	250	0.99	313221	05/04/23	05/05/23	VTN
1-Methylnaphthalene	ND		ug/Kg	250	0.99	313221	05/04/23	05/05/23	VTN
Pyridine	ND		ug/Kg	250	0.99	313221	05/04/23	05/05/23	VTN
N-Nitrosodimethylamine	ND		ug/Kg	250	0.99	313221	05/04/23	05/05/23	VTN
Phenol	ND		ug/Kg	250	0.99	313221	05/04/23	05/05/23	VTN
Aniline	ND		ug/Kg	250	0.99	313221	05/04/23	05/05/23	VTN
bis(2-Chloroethyl)ether	ND		ug/Kg	1,200	0.99	313221	05/04/23	05/05/23	VTN
2-Chlorophenol	ND		ug/Kg	250	0.99	313221	05/04/23	05/05/23	VTN
1,3-Dichlorobenzene	ND		ug/Kg	250	0.99	313221	05/04/23	05/05/23	VTN
1,4-Dichlorobenzene	ND		ug/Kg	250	0.99	313221	05/04/23	05/05/23	VTN
Benzyl alcohol	ND		ug/Kg	250	0.99	313221	05/04/23	05/05/23	VTN
1,2-Dichlorobenzene	ND		ug/Kg	250	0.99	313221	05/04/23	05/05/23	VTN
2-Methylphenol	ND		ug/Kg	250	0.99	313221	05/04/23	05/05/23	VTN
bis(2-Chloroisopropyl) ether	ND		ug/Kg	250	0.99	313221	05/04/23	05/05/23	VTN
3-,4-Methylphenol	ND		ug/Kg	400	0.99	313221	05/04/23	05/05/23	VTN
N-Nitroso-di-n-propylamine	ND		ug/Kg	250	0.99	313221	05/04/23	05/05/23	VTN
Hexachloroethane	ND		ug/Kg	250	0.99	313221	05/04/23	05/05/23	VTN
Nitrobenzene	ND		ug/Kg	1,200	0.99	313221	05/04/23	05/05/23	VTN
Isophorone	ND		ug/Kg	250	0.99	313221	05/04/23	05/05/23	VTN
2-Nitrophenol	ND		ug/Kg	250	0.99	313221	05/04/23	05/05/23	VTN
2,4-Dimethylphenol	ND		ug/Kg	250	0.99	313221	05/04/23	05/05/23	VTN
Benzoic acid	ND		ug/Kg	1,200	0.99	313221	05/04/23	05/05/23	VTN
bis(2-Chloroethoxy)methane	ND		ug/Kg	250	0.99	313221	05/04/23	05/05/23	VTN
2,4-Dichlorophenol	ND		ug/Kg	250	0.99	313221	05/04/23	05/05/23	VTN
1,2,4-Trichlorobenzene	ND		ug/Kg	250	0.99	313221	05/04/23	05/05/23	VTN
Naphthalene	ND		ug/Kg	250	0.99	313221	05/04/23	05/05/23	VTN
4-Chloroaniline	ND		ug/Kg	250	0.99	313221	05/04/23	05/05/23	VTN
Hexachlorobutadiene	ND		ug/Kg	250	0.99	313221	05/04/23	05/05/23	VTN
4-Chloro-3-methylphenol	ND		ug/Kg	250	0.99	313221	05/04/23	05/05/23	VTN
2-Methylnaphthalene	ND		ug/Kg	250	0.99	313221	05/04/23	05/05/23	VTN
Hexachlorocyclopentadiene	ND		ug/Kg	1,200	0.99	313221	05/04/23	05/05/23	VTN
2,4,6-Trichlorophenol	ND		ug/Kg	250	0.99	313221	05/04/23	05/05/23	VTN
2,4,5-Trichlorophenol	ND		ug/Kg	250	0.99	313221	05/04/23	05/05/23	VTN
2-Chloronaphthalene	ND		ug/Kg	250	0.99	313221	05/04/23	05/05/23	VTN
2-Nitroaniline	ND		ug/Kg	250	0.99	313221	05/04/23	05/05/23	VTN
Dimethylphthalate	ND		ug/Kg	250	0.99	313221	05/04/23	05/05/23	VTN
Acenaphthylene	ND		ug/Kg	250	0.99	313221	05/04/23	05/05/23	VTN
2,6-Dinitrotoluene	ND		ug/Kg	250	0.99	313221	05/04/23	05/05/23	VTN
3-Nitroaniline	ND		ug/Kg	250	0.99	313221	05/04/23	05/05/23	VTN

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Analysis Results for 484472

484472-021 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Acenaphthene	ND		ug/Kg	250	0.99	313221	05/04/23	05/05/23	VTN
2,4-Dinitrophenol	ND		ug/Kg	1,200	0.99	313221	05/04/23	05/05/23	VTN
4-Nitrophenol	ND		ug/Kg	250	0.99	313221	05/04/23	05/05/23	VTN
Dibenzofuran	ND		ug/Kg	250	0.99	313221	05/04/23	05/05/23	VTN
2,4-Dinitrotoluene	ND		ug/Kg	250	0.99	313221	05/04/23	05/05/23	VTN
Diethylphthalate	ND		ug/Kg	250	0.99	313221	05/04/23	05/05/23	VTN
Fluorene	ND		ug/Kg	250	0.99	313221	05/04/23	05/05/23	VTN
4-Chlorophenyl-phenylether	ND		ug/Kg	250	0.99	313221	05/04/23	05/05/23	VTN
4-Nitroaniline	ND		ug/Kg	250	0.99	313221	05/04/23	05/05/23	VTN
4,6-Dinitro-2-methylphenol	ND		ug/Kg	250	0.99	313221	05/04/23	05/05/23	VTN
N-Nitrosodiphenylamine	ND		ug/Kg	250	0.99	313221	05/04/23	05/05/23	VTN
1,2-diphenylhydrazine (as azobenzene)	ND		ug/Kg	250	0.99	313221	05/04/23	05/05/23	VTN
4-Bromophenyl-phenylether	ND		ug/Kg	250	0.99	313221	05/04/23	05/05/23	VTN
Hexachlorobenzene	ND		ug/Kg	250	0.99	313221	05/04/23	05/05/23	VTN
Pentachlorophenol	ND		ug/Kg	1,200	0.99	313221	05/04/23	05/05/23	VTN
Phenanthrene	ND		ug/Kg	250	0.99	313221	05/04/23	05/05/23	VTN
Anthracene	ND		ug/Kg	250	0.99	313221	05/04/23	05/05/23	VTN
Di-n-butylphthalate	ND		ug/Kg	250	0.99	313221	05/04/23	05/05/23	VTN
Fluoranthene	ND		ug/Kg	250	0.99	313221	05/04/23	05/05/23	VTN
Benzidine	ND		ug/Kg	1,200	0.99	313221	05/04/23	05/05/23	VTN
Pyrene	ND		ug/Kg	250	0.99	313221	05/04/23	05/05/23	VTN
Butylbenzylphthalate	ND		ug/Kg	250	0.99	313221	05/04/23	05/05/23	VTN
3,3'-Dichlorobenzidine	ND		ug/Kg	1,200	0.99	313221	05/04/23	05/05/23	VTN
Benzo(a)anthracene	ND		ug/Kg	250	0.99	313221	05/04/23	05/05/23	VTN
Chrysene	ND		ug/Kg	250	0.99	313221	05/04/23	05/05/23	VTN
bis(2-Ethylhexyl)phthalate	ND		ug/Kg	250	0.99	313221	05/04/23	05/05/23	VTN
Di-n-octylphthalate	ND		ug/Kg	250	0.99	313221	05/04/23	05/05/23	VTN
Benzo(b)fluoranthene	ND		ug/Kg	250	0.99	313221	05/04/23	05/05/23	VTN
Benzo(k)fluoranthene	ND		ug/Kg	250	0.99	313221	05/04/23	05/05/23	VTN
Benzo(a)pyrene	ND		ug/Kg	250	0.99	313221	05/04/23	05/05/23	VTN
Indeno(1,2,3-cd)pyrene	ND		ug/Kg	250	0.99	313221	05/04/23	05/05/23	VTN
Dibenz(a,h)anthracene	ND		ug/Kg	250	0.99	313221	05/04/23	05/05/23	VTN
Benzo(g,h,i)perylene	ND		ug/Kg	250	0.99	313221	05/04/23	05/05/23	VTN
Surrogates				**Limits**					
2-Fluorophenol	96%		%REC	29-120	0.99	313221	05/04/23	05/05/23	VTN
Phenol-d6	101%		%REC	30-120	0.99	313221	05/04/23	05/05/23	VTN
2,4,6-Tribromophenol	114%		%REC	32-120	0.99	313221	05/04/23	05/05/23	VTN
Nitrobenzene-d5	98%		%REC	33-120	0.99	313221	05/04/23	05/05/23	VTN
2-Fluorobiphenyl	94%		%REC	39-120	0.99	313221	05/04/23	05/05/23	VTN
Terphenyl-d14	101%		%REC	44-125	0.99	313221	05/04/23	05/05/23	VTN

CCV drift outside limits; average CCV drift within limits per method requirements
DO Diluted Out
ND Not Detected

Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

Batch QC

Type: Blank	**Lab ID: QC1063441**	**Batch: 313263**
Matrix: Soil	**Method: EPA 6010B**	**Prep Method: EPA 3050B**

QC1063441 Analyte	Result	Qual	Units	RL	Prepared	Analyzed
Antimony	ND		mg/Kg	3.0	05/05/23	05/05/23
Arsenic	ND		mg/Kg	1.0	05/05/23	05/05/23
Barium	ND		mg/Kg	1.0	05/05/23	05/05/23
Beryllium	ND		mg/Kg	0.50	05/05/23	05/05/23
Cadmium	ND		mg/Kg	0.50	05/05/23	05/05/23
Chromium	ND		mg/Kg	1.0	05/05/23	05/05/23
Cobalt	ND		mg/Kg	0.50	05/05/23	05/05/23
Copper	ND		mg/Kg	1.0	05/05/23	05/05/23
Lead	ND		mg/Kg	1.0	05/05/23	05/05/23
Molybdenum	ND		mg/Kg	1.0	05/05/23	05/05/23
Nickel	ND		mg/Kg	1.0	05/05/23	05/05/23
Selenium	ND		mg/Kg	3.0	05/05/23	05/05/23
Silver	ND		mg/Kg	0.50	05/05/23	05/05/23
Thallium	ND		mg/Kg	3.0	05/05/23	05/05/23
Vanadium	ND		mg/Kg	1.0	05/05/23	05/05/23
Zinc	ND		mg/Kg	5.0	05/05/23	05/05/23

Type: Lab Control Sample	**Lab ID: QC1063442**	**Batch: 313263**
Matrix: Soil	**Method: EPA 6010B**	**Prep Method: EPA 3050B**

QC1063442 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Antimony	98.26	100.0	mg/Kg	98%		80-120
Arsenic	104.2	100.0	mg/Kg	104%		80-120
Barium	106.9	100.0	mg/Kg	107%		80-120
Beryllium	109.3	100.0	mg/Kg	109%		80-120
Cadmium	110.1	100.0	mg/Kg	110%		80-120
Chromium	106.6	100.0	mg/Kg	107%		80-120
Cobalt	110.9	100.0	mg/Kg	111%		80-120
Copper	104.5	100.0	mg/Kg	104%		80-120
Lead	107.0	100.0	mg/Kg	107%		80-120
Molybdenum	104.7	100.0	mg/Kg	105%		80-120
Nickel	108.7	100.0	mg/Kg	109%		80-120
Selenium	97.88	100.0	mg/Kg	98%		80-120
Silver	49.63	50.00	mg/Kg	99%		80-120
Thallium	113.1	100.0	mg/Kg	113%	b	80-120
Vanadium	107.1	100.0	mg/Kg	107%		80-120
Zinc	106.3	100.0	mg/Kg	106%		80-120

ENTHALPY ANALYTICAL

Batch QC

Type:	Matrix Spike	Lab ID:	QC1063443	Batch:	313263
Matrix (Source ID):	Soil (484402-001)	Method:	EPA 6010B	Prep Method:	EPA 3050B

QC1063443 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Antimony	31.19	ND	95.24	mg/Kg	33%	*	75-125	0.95
Arsenic	100.1	7.903	95.24	mg/Kg	97%		75-125	0.95
Barium	233.0	159.3	95.24	mg/Kg	77%		75-125	0.95
Beryllium	99.94	0.7788	95.24	mg/Kg	104%		75-125	0.95
Cadmium	97.64	0.4190	95.24	mg/Kg	102%		75-125	0.95
Chromium	133.4	36.23	95.24	mg/Kg	102%		75-125	0.95
Cobalt	109.4	11.58	95.24	mg/Kg	103%		75-125	0.95
Copper	140.1	39.12	95.24	mg/Kg	106%		75-125	0.95
Lead	103.8	10.39	95.24	mg/Kg	98%		75-125	0.95
Molybdenum	87.40	1.609	95.24	mg/Kg	90%		75-125	0.95
Nickel	119.1	24.46	95.24	mg/Kg	99%		75-125	0.95
Selenium	88.08	0.5356	95.24	mg/Kg	92%		75-125	0.95
Silver	47.29	ND	47.62	mg/Kg	99%		75-125	0.95
Thallium	98.47	ND	95.24	mg/Kg	103%	b	75-125	0.95
Vanadium	175.9	68.83	95.24	mg/Kg	112%		75-125	0.95
Zinc	167.3	75.31	95.24	mg/Kg	97%		75-125	0.95

Type:	Matrix Spike Duplicate	Lab ID:	QC1063444	Batch:	313263
Matrix (Source ID):	Soil (484402-001)	Method:	EPA 6010B	Prep Method:	EPA 3050B

QC1063444 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
Antimony	30.31	ND	98.04	mg/Kg	31%	*	75-125	6	41	0.98
Arsenic	104.9	7.903	98.04	mg/Kg	99%		75-125	2	35	0.98
Barium	258.1	159.3	98.04	mg/Kg	101%		75-125	9	20	0.98
Beryllium	104.5	0.7788	98.04	mg/Kg	106%		75-125	2	20	0.98
Cadmium	101.9	0.4190	98.04	mg/Kg	104%		75-125	1	20	0.98
Chromium	142.9	36.23	98.04	mg/Kg	109%		75-125	5	20	0.98
Cobalt	116.6	11.58	98.04	mg/Kg	107%		75-125	4	20	0.98
Copper	150.3	39.12	98.04	mg/Kg	113%		75-125	5	20	0.98
Lead	109.4	10.39	98.04	mg/Kg	101%		75-125	3	20	0.98
Molybdenum	91.35	1.609	98.04	mg/Kg	92%		75-125	2	20	0.98
Nickel	126.6	24.46	98.04	mg/Kg	104%		75-125	4	20	0.98
Selenium	91.92	0.5356	98.04	mg/Kg	93%		75-125	1	20	0.98
Silver	49.52	ND	49.02	mg/Kg	101%		75-125	2	20	0.98
Thallium	103.1	ND	98.04	mg/Kg	105%	b	75-125	2	20	0.98
Vanadium	187.5	68.83	98.04	mg/Kg	121%		75-125	5	20	0.98
Zinc	177.3	75.31	98.04	mg/Kg	104%		75-125	4	20	0.98

ENTHALPY ANALYTICAL

Batch QC

Type: Blank	Lab ID: QC1063976	Batch: 313400
Matrix: Soil	Method: EPA 7471A	Prep Method: METHOD

QC1063976 Analyte	Result	Qual	Units	RL	Prepared	Analyzed
Mercury	ND		mg/Kg	0.14	05/08/23	05/08/23

Type: Lab Control Sample	Lab ID: QC1063977	Batch: 313400
Matrix: Soil	Method: EPA 7471A	Prep Method: METHOD

QC1063977 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Mercury	0.8436	0.8333	mg/Kg	101%		80-120

Type: Matrix Spike	Lab ID: QC1063978	Batch: 313400
Matrix (Source ID): Soil (484393-005)	Method: EPA 7471A	Prep Method: METHOD

QC1063978 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Mercury	0.8815	0.03145	0.8772	mg/Kg	97%		75-125	1.1

Type: Matrix Spike Duplicate	Lab ID: QC1063979	Batch: 313400
Matrix (Source ID): Soil (484393-005)	Method: EPA 7471A	Prep Method: METHOD

QC1063979 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
Mercury	0.9663	0.03145	0.9434	mg/Kg	99%		75-125	2	20	1.1

Type: Blank	Lab ID: QC1064104	Batch: 313434
Matrix: Soil	Method: EPA 7471A	Prep Method: METHOD

QC1064104 Analyte	Result	Qual	Units	RL	Prepared	Analyzed
Mercury	ND		mg/Kg	0.14	05/08/23	05/09/23

Type: Lab Control Sample	Lab ID: QC1064105	Batch: 313434
Matrix: Soil	Method: EPA 7471A	Prep Method: METHOD

QC1064105 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Mercury	0.8331	0.8333	mg/Kg	100%		80-120

ENTHALPY ANALYTICAL

Batch QC

Type: Matrix Spike	Lab ID: QC1064108	Batch: 313434
Matrix (Source ID): Soil (484482-001)	Method: EPA 7471A	Prep Method: METHOD

QC1064108 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Mercury	0.9451	0.1101	0.9091	mg/Kg	92%		75-125	1.1

Type: Matrix Spike Duplicate	Lab ID: QC1064109	Batch: 313434
Matrix (Source ID): Soil (484482-001)	Method: EPA 7471A	Prep Method: METHOD

QC1064109 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
Mercury	0.9459	0.1101	0.9091	mg/Kg	92%		75-125	0	20	1.1

Type: Lab Control Sample	Lab ID: QC1064143	Batch: 313445
Matrix: Soil	Method: EPA 8015B	Prep Method: EPA 5030B

QC1064143 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
TPH Gasoline	4.758	5.000	mg/Kg	95%		70-130
Surrogates						
Bromofluorobenzene (FID)	0.2151	0.2000	mg/Kg	108%		60-140

Type: Lab Control Sample Duplicate	Lab ID: QC1064144	Batch: 313445
Matrix: Soil	Method: EPA 8015B	Prep Method: EPA 5030B

QC1064144 Analyte	Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim
TPH Gasoline	4.875	5.000	mg/Kg	97%		70-130	2	20
Surrogates								
Bromofluorobenzene (FID)	0.2188	0.2000	mg/Kg	109%		60-140		

Type: Blank	Lab ID: QC1064145	Batch: 313445
Matrix: Soil	Method: EPA 8015B	Prep Method: EPA 5030B

QC1064145 Analyte	Result	Qual	Units	RL	Prepared	Analyzed
TPH Gasoline	ND		mg/Kg	75	05/08/23	05/08/23
Surrogates				**Limits**		
Bromofluorobenzene (FID)	80%		%REC	60-140	05/08/23	05/08/23

ENTHALPY ANALYTICAL

Batch QC

Type: Blank	Lab ID: QC1064146	Batch: 313445
Matrix: Soil	Method: EPA 8015B	Prep Method: EPA 5030B

QC1064146 Analyte	Result	Qual	Units	RL	Prepared	Analyzed
TPH Gasoline	ND		mg/Kg	3.0	05/08/23	05/08/23
Surrogates				**Limits**		
Bromofluorobenzene (FID)	79%		%REC	60-140	05/08/23	05/08/23

Type: Blank	Lab ID: QC1063461	Batch: 313265
Matrix: Soil	Method: EPA 8015M	Prep Method: EPA 3580M

QC1063461 Analyte	Result	Qual	Units	RL	Prepared	Analyzed
DRO C10-C28	ND		mg/Kg	10	05/05/23	05/05/23
ORO C28-C44	ND		mg/Kg	20	05/05/23	05/05/23
Surrogates				**Limits**		
n-Triacontane	80%		%REC	70-130	05/05/23	05/05/23

Type: Lab Control Sample	Lab ID: QC1063462	Batch: 313265
Matrix: Soil	Method: EPA 8015M	Prep Method: EPA 3580M

QC1063462 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Diesel C10-C28	228.1	250.0	mg/Kg	91%		76-122
Surrogates						
n-Triacontane	7.862	10.00	mg/Kg	79%		70-130

Type: Matrix Spike	Lab ID: QC1063463	Batch: 313265
Matrix (Source ID): Soil (484563-006)	Method: EPA 8015M	Prep Method: EPA 3580M

QC1063463 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Diesel C10-C28	228.0	ND	248.9	mg/Kg	92%		62-126	1
Surrogates								
n-Triacontane	7.833		9.955	mg/Kg	79%		70-130	1

Type: Matrix Spike Duplicate	Lab ID: QC1063464	Batch: 313265
Matrix (Source ID): Soil (484563-006)	Method: EPA 8015M	Prep Method: EPA 3580M

QC1063464 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
Diesel C10-C28	224.0	ND	248.6	mg/Kg	90%		62-126	2	35	0.99
Surrogates										
n-Triacontane	7.636		9.945	mg/Kg	77%		70-130			0.99

ENTHALPY ANALYTICAL

Batch QC

Type: Blank	Lab ID: QC1063630	Batch: 313275
Matrix: Soil		

QC1063630 Analyte	Result	Qual	Units	RL	Prepared	Analyzed
Method: EPA 8081A Prep Method: EPA 3546						
alpha-BHC	ND		ug/Kg	5.0	05/05/23	05/05/23
beta-BHC	ND		ug/Kg	5.0	05/05/23	05/05/23
gamma-BHC	ND		ug/Kg	5.0	05/05/23	05/05/23
delta-BHC	ND		ug/Kg	5.0	05/05/23	05/05/23
Heptachlor	ND		ug/Kg	5.0	05/05/23	05/05/23
Aldrin	ND		ug/Kg	5.0	05/05/23	05/05/23
Heptachlor epoxide	ND		ug/Kg	5.0	05/05/23	05/05/23
Endosulfan I	ND		ug/Kg	5.0	05/05/23	05/05/23
Dieldrin	ND		ug/Kg	5.0	05/05/23	05/05/23
4,4'-DDE	ND		ug/Kg	5.0	05/05/23	05/05/23
Endrin	ND		ug/Kg	5.0	05/05/23	05/05/23
Endosulfan II	ND		ug/Kg	5.0	05/05/23	05/05/23
Endosulfan sulfate	ND		ug/Kg	5.0	05/05/23	05/05/23
4,4'-DDD	ND		ug/Kg	5.0	05/05/23	05/05/23
Endrin aldehyde	ND		ug/Kg	5.0	05/05/23	05/05/23
Endrin ketone	ND	#	ug/Kg	5.0	05/05/23	05/05/23
4,4'-DDT	ND		ug/Kg	5.0	05/05/23	05/05/23
Methoxychlor	ND		ug/Kg	9.9	05/05/23	05/05/23
Toxaphene	ND		ug/Kg	99	05/05/23	05/05/23
Chlordane (Technical)	ND		ug/Kg	50	05/05/23	05/05/23
Surrogates				**Limits**		
TCMX	90%		%REC	23-120	05/05/23	05/05/23
Decachlorobiphenyl	107%		%REC	24-120	05/05/23	05/05/23
Method: EPA 8082 Prep Method: EPA 3546						
Aroclor-1016	ND		ug/Kg	50	05/05/23	05/05/23
Aroclor-1221	ND		ug/Kg	50	05/05/23	05/05/23
Aroclor-1232	ND		ug/Kg	50	05/05/23	05/05/23
Aroclor-1242	ND		ug/Kg	50	05/05/23	05/05/23
Aroclor-1248	ND		ug/Kg	50	05/05/23	05/05/23
Aroclor-1254	ND		ug/Kg	50	05/05/23	05/05/23
Aroclor-1260	ND		ug/Kg	50	05/05/23	05/05/23
Surrogates				**Limits**		
Decachlorobiphenyl (PCB)	98%		%REC	19-121	05/05/23	05/05/23

ENTHALPY ANALYTICAL

Batch QC

Type: Lab Control Sample	**Lab ID: QC1063631**	**Batch: 313275**
Matrix: Soil	**Method: EPA 8081A**	**Prep Method: EPA 3546**

QC1063631 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
alpha-BHC	51.81	49.95	ug/Kg	104%		22-129
beta-BHC	51.27	49.95	ug/Kg	103%		28-125
gamma-BHC	51.04	49.95	ug/Kg	102%		22-128
delta-BHC	54.58	49.95	ug/Kg	109%		24-131
Heptachlor	52.99	49.95	ug/Kg	106%		18-124
Aldrin	45.83	49.95	ug/Kg	92%		23-120
Heptachlor epoxide	53.59	49.95	ug/Kg	107%		26-120
Endosulfan I	57.61	49.95	ug/Kg	115%		25-126
Dieldrin	55.38	49.95	ug/Kg	111%		23-124
4,4'-DDE	58.55	49.95	ug/Kg	117%		28-121
Endrin	56.87	49.95	ug/Kg	114%		25-127
Endosulfan II	56.19	49.95	ug/Kg	112%		29-121
Endosulfan sulfate	56.05	49.95	ug/Kg	112%		30-121
4,4'-DDD	58.30	49.95	ug/Kg	117%	#	26-120
Endrin aldehyde	37.93	49.95	ug/Kg	76%		10-120
Endrin ketone	52.76	49.95	ug/Kg	106%		28-125
4,4'-DDT	59.45	49.95	ug/Kg	119%		22-125
Methoxychlor	62.87	49.95	ug/Kg	126%	#	28-130
Surrogates						
TCMX	47.30	49.95	ug/Kg	95%		23-120
Decachlorobiphenyl	57.75	49.95	ug/Kg	116%		24-120

ENTHALPY ANALYTICAL

Batch QC

Type:	**Matrix Spike**	**Lab ID:**	**QC1063632**	**Batch:**	**313275**
Matrix (Source ID):	**Soil (484482-001)**	**Method:**	**EPA 8081A**	**Prep Method:**	**EPA 3546**

QC1063632 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
alpha-BHC	38.53	ND	49.16	ug/Kg	78%		46-120	4.9
beta-BHC	41.51	ND	49.16	ug/Kg	84%		41-120	4.9
gamma-BHC	39.64	ND	49.16	ug/Kg	81%		41-120	4.9
delta-BHC	43.19	ND	49.16	ug/Kg	88%		38-123	4.9
Heptachlor	43.26	ND	49.16	ug/Kg	88%		39-120	4.9
Aldrin	40.43	10.30	49.16	ug/Kg	61%		34-120	4.9
Heptachlor epoxide	44.45	ND	49.16	ug/Kg	90%		43-120	4.9
Endosulfan I	44.02	ND	49.16	ug/Kg	90%		45-120	4.9
Dieldrin	40.01	ND	49.16	ug/Kg	81%		45-120	4.9
4,4'-DDE	62.78	18.01	49.16	ug/Kg	91%		34-120	4.9
Endrin	45.25	ND	49.16	ug/Kg	92%		40-120	4.9
Endosulfan II	48.00	ND	49.16	ug/Kg	98%		41-120	4.9
Endosulfan sulfate	42.14	ND	49.16	ug/Kg	86%		42-120	4.9
4,4'-DDD	40.30	ND	49.16	ug/Kg	82%	#	41-120	4.9
Endrin aldehyde	36.86	ND	49.16	ug/Kg	75%		30-120	4.9
Endrin ketone	48.54	ND	49.16	ug/Kg	99%		45-120	4.9
4,4'-DDT	82.12	32.14	49.16	ug/Kg	102%		35-127	4.9
Methoxychlor	48.19	ND	49.16	ug/Kg	98%	#	42-136	4.9
Surrogates								
TCMX	54.16		49.16	ug/Kg	110%		23-120	4.9
Decachlorobiphenyl	50.62		49.16	ug/Kg	103%		24-120	4.9

ENTHALPY ANALYTICAL

Batch QC

Type:	**Matrix Spike Duplicate**	**Lab ID:**	**QC1063633**	**Batch:**	**313275**
Matrix (Source ID):	**Soil (484482-001)**	**Method:**	**EPA 8081A**	**Prep Method:**	**EPA 3546**

QC1063633 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
alpha-BHC	31.58	ND	50.40	ug/Kg	63%		46-120	22	30	5
beta-BHC	37.90	ND	50.40	ug/Kg	75%		41-120	12	30	5
gamma-BHC	32.55	ND	50.40	ug/Kg	65%		41-120	22	30	5
delta-BHC	36.37	ND	50.40	ug/Kg	72%		38-123	20	30	5
Heptachlor	36.24	ND	50.40	ug/Kg	72%		39-120	20	30	5
Aldrin	33.25	10.30	50.40	ug/Kg	46%		34-120	22	30	5
Heptachlor epoxide	35.69	ND	50.40	ug/Kg	71%		43-120	24	30	5
Endosulfan I	36.06	ND	50.40	ug/Kg	72%		45-120	22	30	5
Dieldrin	34.64	ND	50.40	ug/Kg	69%		45-120	17	30	5
4,4'-DDE	49.60	18.01	50.40	ug/Kg	63%		34-120	25	30	5
Endrin	35.50	ND	50.40	ug/Kg	70%		40-120	27	30	5
Endosulfan II	38.44	ND	50.40	ug/Kg	76%		41-120	25	30	5
Endosulfan sulfate	33.70	ND	50.40	ug/Kg	67%		42-120	25	30	5
4,4'-DDD	33.34	ND	50.40	ug/Kg	66%	#	41-120	21	30	5
Endrin aldehyde	28.38	ND	50.40	ug/Kg	56%		30-120	28	30	5
Endrin ketone	37.31	ND	50.40	ug/Kg	74%		45-120	29	30	5
4,4'-DDT	67.09	32.14	50.40	ug/Kg	69%		35-127	22	30	5
Methoxychlor	37.76	ND	50.40	ug/Kg	75%	#	42-136	27	30	5
Surrogates										
TCMX	39.85		50.40	ug/Kg	79%		23-120			5
Decachlorobiphenyl	43.56		50.40	ug/Kg	86%		24-120			5

Type:	**Lab Control Sample**	**Lab ID:**	**QC1063634**	**Batch:**	**313275**
Matrix:	**Soil**	**Method:**	**EPA 8082**	**Prep Method:**	**EPA 3546**

QC1063634 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Aroclor-1016	438.9	490.2	ug/Kg	90%		14-150
Aroclor-1260	460.8	490.2	ug/Kg	94%		10-150
Surrogates						
Decachlorobiphenyl (PCB)	42.34	49.02	ug/Kg	86%		19-121

ENTHALPY ANALYTICAL

Batch QC

Type:	**Matrix Spike**	**Lab ID:**	**QC1063639**	**Batch:**	**313275**
Matrix (Source ID):	**Soil (484482-001)**	**Method:**	**EPA 8082**	**Prep Method:**	**EPA 3546**

QC1063639 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Aroclor-1016	473.1	ND	502.5	ug/Kg	94%		42-127	2
Aroclor-1260	622.9	ND	502.5	ug/Kg	124%		38-130	2
Surrogates								
Decachlorobiphenyl (PCB)	48.89		50.25	ug/Kg	97%		19-121	2

Type:	**Matrix Spike Duplicate**	**Lab ID:**	**QC1063640**	**Batch:**	**313275**
Matrix (Source ID):	**Soil (484482-001)**	**Method:**	**EPA 8082**	**Prep Method:**	**EPA 3546**

QC1063640 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
Aroclor-1016	378.1	ND	490.7	ug/Kg	77%		42-127	20	30	2
Aroclor-1260	519.2	ND	490.7	ug/Kg	106%		38-130	16	30	2
Surrogates										
Decachlorobiphenyl (PCB)	39.41		49.07	ug/Kg	80%		19-121			2

Type:	**Lab Control Sample**	**Lab ID:**	**QC1063421**	**Batch:**	**313258**
Matrix:	**Soil**	**Method:**	**EPA 8260B**	**Prep Method:**	**EPA 5035**

QC1063421 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
1,1-Dichloroethene	45.25	50.00	ug/Kg	91%		70-131
MTBE	48.42	50.00	ug/Kg	97%		69-130
Benzene	48.07	50.00	ug/Kg	96%		70-130
Trichloroethene	54.34	50.00	ug/Kg	109%		70-130
Toluene	45.50	50.00	ug/Kg	91%		70-130
Chlorobenzene	47.99	50.00	ug/Kg	96%		70-130
Surrogates						
Dibromofluoromethane	49.14	50.00	ug/Kg	98%		70-130
1,2-Dichloroethane-d4	46.79	50.00	ug/Kg	94%		70-145
Toluene-d8	51.18	50.00	ug/Kg	102%		70-145
Bromofluorobenzene	49.30	50.00	ug/Kg	99%		70-145

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Batch QC

Type:	**Lab Control Sample Duplicate**	**Lab ID:**	**QC1063422**	**Batch:**	**313258**
Matrix:	**Soil**	**Method:**	**EPA 8260B**	**Prep Method:**	**EPA 5035**

QC1063422 Analyte	Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim
1,1-Dichloroethene	42.66	50.00	ug/Kg	85%		70-131	6	33
MTBE	47.40	50.00	ug/Kg	95%		69-130	2	30
Benzene	47.07	50.00	ug/Kg	94%		70-130	2	30
Trichloroethene	54.06	50.00	ug/Kg	108%		70-130	1	30
Toluene	45.22	50.00	ug/Kg	90%		70-130	1	30
Chlorobenzene	48.31	50.00	ug/Kg	97%		70-130	1	30
Surrogates								
Dibromofluoromethane	48.91	50.00	ug/Kg	98%		70-130		
1,2-Dichloroethane-d4	47.38	50.00	ug/Kg	95%		70-145		
Toluene-d8	53.35	50.00	ug/Kg	107%		70-145		
Bromofluorobenzene	48.85	50.00	ug/Kg	98%		70-145		

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Batch QC

Type:	**Blank**	**Lab ID:**	**QC1063425**	**Batch:**	**313258**
Matrix:	**Soil**	**Method:**	**EPA 8260B**	**Prep Method:**	**EPA 5035**

QC1063425 Analyte	Result	Qual	Units	RL	Prepared	Analyzed
Freon 12	ND		ug/Kg	5.0	05/05/23	05/05/23
Chloromethane	ND		ug/Kg	5.0	05/05/23	05/05/23
Vinyl Chloride	ND		ug/Kg	5.0	05/05/23	05/05/23
Bromomethane	ND		ug/Kg	5.0	05/05/23	05/05/23
Chloroethane	ND		ug/Kg	5.0	05/05/23	05/05/23
Trichlorofluoromethane	ND		ug/Kg	5.0	05/05/23	05/05/23
Acetone	ND		ug/Kg	100	05/05/23	05/05/23
Freon 113	ND		ug/Kg	5.0	05/05/23	05/05/23
1,1-Dichloroethene	ND		ug/Kg	5.0	05/05/23	05/05/23
Methylene Chloride	ND		ug/Kg	5.0	05/05/23	05/05/23
MTBE	ND		ug/Kg	5.0	05/05/23	05/05/23
trans-1,2-Dichloroethene	ND		ug/Kg	5.0	05/05/23	05/05/23
1,1-Dichloroethane	ND		ug/Kg	5.0	05/05/23	05/05/23
2-Butanone	ND		ug/Kg	100	05/05/23	05/05/23
cis-1,2-Dichloroethene	ND		ug/Kg	5.0	05/05/23	05/05/23
2,2-Dichloropropane	ND		ug/Kg	5.0	05/05/23	05/05/23
Chloroform	ND		ug/Kg	5.0	05/05/23	05/05/23
Bromochloromethane	ND		ug/Kg	5.0	05/05/23	05/05/23
1,1,1-Trichloroethane	ND		ug/Kg	5.0	05/05/23	05/05/23
1,1-Dichloropropene	ND		ug/Kg	5.0	05/05/23	05/05/23
Carbon Tetrachloride	ND		ug/Kg	5.0	05/05/23	05/05/23
1,2-Dichloroethane	ND		ug/Kg	5.0	05/05/23	05/05/23
Benzene	ND		ug/Kg	5.0	05/05/23	05/05/23
Trichloroethene	ND		ug/Kg	5.0	05/05/23	05/05/23
1,2-Dichloropropane	ND		ug/Kg	5.0	05/05/23	05/05/23
Bromodichloromethane	ND		ug/Kg	5.0	05/05/23	05/05/23
Dibromomethane	ND		ug/Kg	5.0	05/05/23	05/05/23
4-Methyl-2-Pentanone	ND		ug/Kg	8.1	05/05/23	05/05/23
cis-1,3-Dichloropropene	ND		ug/Kg	5.0	05/05/23	05/05/23
Toluene	ND		ug/Kg	5.0	05/05/23	05/05/23
trans-1,3-Dichloropropene	ND		ug/Kg	5.0	05/05/23	05/05/23
1,1,2-Trichloroethane	ND		ug/Kg	5.0	05/05/23	05/05/23
1,3-Dichloropropane	ND		ug/Kg	5.0	05/05/23	05/05/23
Tetrachloroethene	ND		ug/Kg	5.0	05/05/23	05/05/23
Dibromochloromethane	ND		ug/Kg	5.0	05/05/23	05/05/23
1,2-Dibromoethane	ND		ug/Kg	5.0	05/05/23	05/05/23
Chlorobenzene	ND		ug/Kg	5.0	05/05/23	05/05/23
1,1,1,2-Tetrachloroethane	ND		ug/Kg	5.0	05/05/23	05/05/23
Ethylbenzene	ND		ug/Kg	5.0	05/05/23	05/05/23
m,p-Xylenes	ND		ug/Kg	10	05/05/23	05/05/23
o-Xylene	ND		ug/Kg	5.0	05/05/23	05/05/23
Styrene	ND		ug/Kg	5.0	05/05/23	05/05/23

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Batch QC

QC1063425 Analyte	Result	Qual	Units	RL	Prepared	Analyzed
Bromoform	ND		ug/Kg	5.0	05/05/23	05/05/23
Isopropylbenzene	ND		ug/Kg	5.0	05/05/23	05/05/23
1,1,2,2-Tetrachloroethane	ND		ug/Kg	5.0	05/05/23	05/05/23
1,2,3-Trichloropropane	ND		ug/Kg	5.0	05/05/23	05/05/23
Propylbenzene	ND		ug/Kg	5.0	05/05/23	05/05/23
Bromobenzene	ND		ug/Kg	5.0	05/05/23	05/05/23
1,3,5-Trimethylbenzene	ND		ug/Kg	5.0	05/05/23	05/05/23
2-Chlorotoluene	ND		ug/Kg	5.0	05/05/23	05/05/23
4-Chlorotoluene	ND		ug/Kg	5.0	05/05/23	05/05/23
tert-Butylbenzene	ND		ug/Kg	5.0	05/05/23	05/05/23
1,2,4-Trimethylbenzene	ND		ug/Kg	5.0	05/05/23	05/05/23
sec-Butylbenzene	ND		ug/Kg	5.0	05/05/23	05/05/23
para-Isopropyl Toluene	ND		ug/Kg	5.0	05/05/23	05/05/23
1,3-Dichlorobenzene	ND		ug/Kg	5.0	05/05/23	05/05/23
1,4-Dichlorobenzene	ND		ug/Kg	5.0	05/05/23	05/05/23
n-Butylbenzene	ND		ug/Kg	5.0	05/05/23	05/05/23
1,2-Dichlorobenzene	ND		ug/Kg	5.0	05/05/23	05/05/23
1,2-Dibromo-3-Chloropropane	ND		ug/Kg	5.0	05/05/23	05/05/23
1,2,4-Trichlorobenzene	ND		ug/Kg	5.0	05/05/23	05/05/23
Hexachlorobutadiene	ND		ug/Kg	5.0	05/05/23	05/05/23
Naphthalene	ND		ug/Kg	5.0	05/05/23	05/05/23
1,2,3-Trichlorobenzene	ND		ug/Kg	5.0	05/05/23	05/05/23
Surrogates				**Limits**		
Dibromofluoromethane	97%		%REC	70-130	05/05/23	05/05/23
1,2-Dichloroethane-d4	96%		%REC	70-145	05/05/23	05/05/23
Toluene-d8	114%		%REC	70-145	05/05/23	05/05/23
Bromofluorobenzene	102%		%REC	70-145	05/05/23	05/05/23

Type: Lab Control Sample **Lab ID:** QC1063790 **Batch:** 313357
Matrix: Soil **Method:** EPA 8260B **Prep Method:** EPA 5035

QC1063790 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
1,1-Dichloroethene	53.69	50.00	ug/Kg	107%		70-131
MTBE	49.11	50.00	ug/Kg	98%		69-130
Benzene	52.41	50.00	ug/Kg	105%		70-130
Trichloroethene	53.73	50.00	ug/Kg	107%		70-130
Toluene	53.43	50.00	ug/Kg	107%		70-130
Chlorobenzene	54.42	50.00	ug/Kg	109%		70-130
Surrogates						
Dibromofluoromethane	49.45	50.00	ug/Kg	99%		70-130
1,2-Dichloroethane-d4	47.52	50.00	ug/Kg	95%		70-145
Toluene-d8	50.25	50.00	ug/Kg	101%		70-145
Bromofluorobenzene	50.13	50.00	ug/Kg	100%		70-145

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Batch QC

Type:	**Lab Control Sample Duplicate**	**Lab ID:**	**QC1063791**	**Batch:**	**313357**
Matrix:	**Soil**	**Method:**	**EPA 8260B**	**Prep Method:**	**EPA 5035**

QC1063791 Analyte	Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim
1,1-Dichloroethene	48.46	50.00	ug/Kg	97%		70-131	10	33
MTBE	44.85	50.00	ug/Kg	90%		69-130	9	30
Benzene	47.89	50.00	ug/Kg	96%		70-130	9	30
Trichloroethene	47.45	50.00	ug/Kg	95%		70-130	12	30
Toluene	48.42	50.00	ug/Kg	97%		70-130	10	30
Chlorobenzene	49.35	50.00	ug/Kg	99%		70-130	10	30
Surrogates								
Dibromofluoromethane	49.86	50.00	ug/Kg	100%		70-130		
1,2-Dichloroethane-d4	50.06	50.00	ug/Kg	100%		70-145		
Toluene-d8	50.34	50.00	ug/Kg	101%		70-145		
Bromofluorobenzene	49.96	50.00	ug/Kg	100%		70-145		

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Batch QC

Type:	**Blank**	**Lab ID:**	**QC1063794**	**Batch:**	**313357**
Matrix:	**Soil**	**Method:**	**EPA 8260B**	**Prep Method:**	**EPA 5035**

QC1063794 Analyte	Result	Qual	Units	RL	Prepared	Analyzed
Freon 12	ND		ug/Kg	5.0	05/06/23	05/06/23
Chloromethane	ND		ug/Kg	5.0	05/06/23	05/06/23
Vinyl Chloride	ND		ug/Kg	5.0	05/06/23	05/06/23
Bromomethane	ND		ug/Kg	5.0	05/06/23	05/06/23
Chloroethane	ND		ug/Kg	5.0	05/06/23	05/06/23
Trichlorofluoromethane	ND		ug/Kg	5.0	05/06/23	05/06/23
Acetone	ND		ug/Kg	100	05/06/23	05/06/23
Freon 113	ND		ug/Kg	5.0	05/06/23	05/06/23
1,1-Dichloroethene	ND		ug/Kg	5.0	05/06/23	05/06/23
Methylene Chloride	ND		ug/Kg	5.0	05/06/23	05/06/23
MTBE	ND		ug/Kg	5.0	05/06/23	05/06/23
trans-1,2-Dichloroethene	ND		ug/Kg	5.0	05/06/23	05/06/23
1,1-Dichloroethane	ND		ug/Kg	5.0	05/06/23	05/06/23
2-Butanone	ND		ug/Kg	100	05/06/23	05/06/23
cis-1,2-Dichloroethene	ND		ug/Kg	5.0	05/06/23	05/06/23
2,2-Dichloropropane	ND		ug/Kg	5.0	05/06/23	05/06/23
Chloroform	ND		ug/Kg	5.0	05/06/23	05/06/23
Bromochloromethane	ND		ug/Kg	5.0	05/06/23	05/06/23
1,1,1-Trichloroethane	ND		ug/Kg	5.0	05/06/23	05/06/23
1,1-Dichloropropene	ND		ug/Kg	5.0	05/06/23	05/06/23
Carbon Tetrachloride	ND		ug/Kg	5.0	05/06/23	05/06/23
1,2-Dichloroethane	ND		ug/Kg	5.0	05/06/23	05/06/23
Benzene	ND		ug/Kg	5.0	05/06/23	05/06/23
Trichloroethene	ND		ug/Kg	5.0	05/06/23	05/06/23
1,2-Dichloropropane	ND		ug/Kg	5.0	05/06/23	05/06/23
Bromodichloromethane	ND		ug/Kg	5.0	05/06/23	05/06/23
Dibromomethane	ND		ug/Kg	5.0	05/06/23	05/06/23
4-Methyl-2-Pentanone	ND		ug/Kg	5.0	05/06/23	05/06/23
cis-1,3-Dichloropropene	ND		ug/Kg	5.0	05/06/23	05/06/23
Toluene	ND		ug/Kg	5.0	05/06/23	05/06/23
trans-1,3-Dichloropropene	ND		ug/Kg	5.0	05/06/23	05/06/23
1,1,2-Trichloroethane	ND		ug/Kg	5.0	05/06/23	05/06/23
1,3-Dichloropropane	ND		ug/Kg	5.0	05/06/23	05/06/23
Tetrachloroethene	ND		ug/Kg	5.0	05/06/23	05/06/23
Dibromochloromethane	ND		ug/Kg	5.0	05/06/23	05/06/23
1,2-Dibromoethane	ND		ug/Kg	5.0	05/06/23	05/06/23
Chlorobenzene	ND		ug/Kg	5.0	05/06/23	05/06/23
1,1,1,2-Tetrachloroethane	ND		ug/Kg	5.0	05/06/23	05/06/23
Ethylbenzene	ND		ug/Kg	5.0	05/06/23	05/06/23
m,p-Xylenes	ND		ug/Kg	10	05/06/23	05/06/23
o-Xylene	ND		ug/Kg	5.0	05/06/23	05/06/23
Styrene	ND		ug/Kg	5.0	05/06/23	05/06/23

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Batch QC

QC1063794 Analyte	Result	Qual	Units	RL	Prepared	Analyzed
Bromoform	ND		ug/Kg	5.0	05/06/23	05/06/23
Isopropylbenzene	ND		ug/Kg	5.0	05/06/23	05/06/23
1,1,2,2-Tetrachloroethane	ND		ug/Kg	5.0	05/06/23	05/06/23
1,2,3-Trichloropropane	ND		ug/Kg	5.0	05/06/23	05/06/23
Propylbenzene	ND		ug/Kg	5.0	05/06/23	05/06/23
Bromobenzene	ND		ug/Kg	5.0	05/06/23	05/06/23
1,3,5-Trimethylbenzene	ND		ug/Kg	5.0	05/06/23	05/06/23
2-Chlorotoluene	ND		ug/Kg	5.0	05/06/23	05/06/23
4-Chlorotoluene	ND		ug/Kg	5.0	05/06/23	05/06/23
tert-Butylbenzene	ND		ug/Kg	5.0	05/06/23	05/06/23
1,2,4-Trimethylbenzene	ND		ug/Kg	5.0	05/06/23	05/06/23
sec-Butylbenzene	ND		ug/Kg	5.0	05/06/23	05/06/23
para-Isopropyl Toluene	ND		ug/Kg	5.0	05/06/23	05/06/23
1,3-Dichlorobenzene	ND		ug/Kg	5.0	05/06/23	05/06/23
1,4-Dichlorobenzene	ND		ug/Kg	5.0	05/06/23	05/06/23
n-Butylbenzene	ND		ug/Kg	5.0	05/06/23	05/06/23
1,2-Dichlorobenzene	ND		ug/Kg	5.0	05/06/23	05/06/23
1,2-Dibromo-3-Chloropropane	ND		ug/Kg	5.0	05/06/23	05/06/23
1,2,4-Trichlorobenzene	ND		ug/Kg	5.0	05/06/23	05/06/23
Hexachlorobutadiene	ND		ug/Kg	5.0	05/06/23	05/06/23
Naphthalene	ND		ug/Kg	5.0	05/06/23	05/06/23
1,2,3-Trichlorobenzene	ND		ug/Kg	5.0	05/06/23	05/06/23
Surrogates				**Limits**		
Dibromofluoromethane	98%		%REC	70-130	05/06/23	05/06/23
1,2-Dichloroethane-d4	96%		%REC	70-145	05/06/23	05/06/23
Toluene-d8	99%		%REC	70-145	05/06/23	05/06/23
Bromofluorobenzene	101%		%REC	70-145	05/06/23	05/06/23

Type: Lab Control Sample **Lab ID:** QC1063950 **Batch:** 313392
Matrix: Soil **Method:** EPA 8260B **Prep Method:** EPA 5035

QC1063950 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
1,1-Dichloroethene	51.53	50.00	ug/Kg	103%		70-131
MTBE	44.95	50.00	ug/Kg	90%		69-130
Benzene	51.52	50.00	ug/Kg	103%		70-130
Trichloroethene	62.46	50.00	ug/Kg	125%		70-130
Toluene	51.47	50.00	ug/Kg	103%		70-130
Chlorobenzene	56.54	50.00	ug/Kg	113%		70-130
Surrogates						
Dibromofluoromethane	49.54	50.00	ug/Kg	99%		70-130
1,2-Dichloroethane-d4	46.35	50.00	ug/Kg	93%		70-145
Toluene-d8	47.46	50.00	ug/Kg	95%		70-145
Bromofluorobenzene	46.14	50.00	ug/Kg	92%		70-145

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Batch QC

Type:	**Lab Control Sample Duplicate**	**Lab ID:**	**QC1063951**	**Batch:**	**313392**
Matrix:	**Soil**	**Method:**	**EPA 8260B**	**Prep Method:**	**EPA 5035**

QC1063951 Analyte	Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim
1,1-Dichloroethene	49.44	50.00	ug/Kg	99%		70-131	4	33
MTBE	43.64	50.00	ug/Kg	87%		69-130	3	30
Benzene	48.18	50.00	ug/Kg	96%		70-130	7	30
Trichloroethene	57.56	50.00	ug/Kg	115%		70-130	8	30
Toluene	47.58	50.00	ug/Kg	95%		70-130	8	30
Chlorobenzene	53.68	50.00	ug/Kg	107%		70-130	5	30
Surrogates								
Dibromofluoromethane	49.27	50.00	ug/Kg	99%		70-130		
1,2-Dichloroethane-d4	45.74	50.00	ug/Kg	91%		70-145		
Toluene-d8	47.07	50.00	ug/Kg	94%		70-145		
Bromofluorobenzene	46.25	50.00	ug/Kg	93%		70-145		

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Batch QC

Type:	**Blank**	**Lab ID:**	**QC1063954**	**Batch:**	**313392**
Matrix:	**Soil**	**Method:**	**EPA 8260B**	**Prep Method:**	**EPA 5035**

QC1063954 Analyte	Result	Qual	Units	RL	Prepared	Analyzed
Freon 12	ND		ug/Kg	5.0	05/08/23	05/08/23
Chloromethane	ND		ug/Kg	5.0	05/08/23	05/08/23
Vinyl Chloride	ND		ug/Kg	5.0	05/08/23	05/08/23
Bromomethane	ND		ug/Kg	5.0	05/08/23	05/08/23
Chloroethane	ND		ug/Kg	5.0	05/08/23	05/08/23
Trichlorofluoromethane	ND		ug/Kg	5.0	05/08/23	05/08/23
Acetone	ND		ug/Kg	100	05/08/23	05/08/23
Freon 113	ND		ug/Kg	5.0	05/08/23	05/08/23
1,1-Dichloroethene	ND		ug/Kg	5.0	05/08/23	05/08/23
Methylene Chloride	ND		ug/Kg	5.0	05/08/23	05/08/23
MTBE	ND		ug/Kg	5.0	05/08/23	05/08/23
trans-1,2-Dichloroethene	ND		ug/Kg	5.0	05/08/23	05/08/23
1,1-Dichloroethane	ND		ug/Kg	5.0	05/08/23	05/08/23
2-Butanone	ND		ug/Kg	100	05/08/23	05/08/23
cis-1,2-Dichloroethene	ND		ug/Kg	5.0	05/08/23	05/08/23
2,2-Dichloropropane	ND		ug/Kg	5.0	05/08/23	05/08/23
Chloroform	ND		ug/Kg	5.0	05/08/23	05/08/23
Bromochloromethane	ND		ug/Kg	5.0	05/08/23	05/08/23
1,1,1-Trichloroethane	ND		ug/Kg	5.0	05/08/23	05/08/23
1,1-Dichloropropene	ND		ug/Kg	5.0	05/08/23	05/08/23
Carbon Tetrachloride	ND		ug/Kg	5.0	05/08/23	05/08/23
1,2-Dichloroethane	ND		ug/Kg	5.0	05/08/23	05/08/23
Benzene	ND		ug/Kg	5.0	05/08/23	05/08/23
Trichloroethene	ND		ug/Kg	5.0	05/08/23	05/08/23
1,2-Dichloropropane	ND		ug/Kg	5.0	05/08/23	05/08/23
Bromodichloromethane	ND		ug/Kg	5.0	05/08/23	05/08/23
Dibromomethane	ND		ug/Kg	5.0	05/08/23	05/08/23
4-Methyl-2-Pentanone	ND		ug/Kg	8.1	05/08/23	05/08/23
cis-1,3-Dichloropropene	ND		ug/Kg	5.0	05/08/23	05/08/23
Toluene	ND		ug/Kg	5.0	05/08/23	05/08/23
trans-1,3-Dichloropropene	ND		ug/Kg	5.0	05/08/23	05/08/23
1,1,2-Trichloroethane	ND		ug/Kg	5.0	05/08/23	05/08/23
1,3-Dichloropropane	ND		ug/Kg	5.0	05/08/23	05/08/23
Tetrachloroethene	ND		ug/Kg	5.0	05/08/23	05/08/23
Dibromochloromethane	ND		ug/Kg	5.0	05/08/23	05/08/23
1,2-Dibromoethane	ND		ug/Kg	5.0	05/08/23	05/08/23
Chlorobenzene	ND		ug/Kg	5.0	05/08/23	05/08/23
1,1,1,2-Tetrachloroethane	ND		ug/Kg	5.0	05/08/23	05/08/23
Ethylbenzene	ND		ug/Kg	5.0	05/08/23	05/08/23
m,p-Xylenes	ND		ug/Kg	10	05/08/23	05/08/23
o-Xylene	ND		ug/Kg	5.0	05/08/23	05/08/23
Styrene	ND		ug/Kg	5.0	05/08/23	05/08/23

ENTHALPY ANALYTICAL

Batch QC

QC1063954 Analyte	Result	Qual	Units	RL	Prepared	Analyzed
Bromoform	ND		ug/Kg	5.0	05/08/23	05/08/23
Isopropylbenzene	ND		ug/Kg	5.0	05/08/23	05/08/23
1,1,2,2-Tetrachloroethane	ND		ug/Kg	5.0	05/08/23	05/08/23
1,2,3-Trichloropropane	ND		ug/Kg	5.0	05/08/23	05/08/23
Propylbenzene	ND		ug/Kg	5.0	05/08/23	05/08/23
Bromobenzene	ND		ug/Kg	5.0	05/08/23	05/08/23
1,3,5-Trimethylbenzene	ND		ug/Kg	5.0	05/08/23	05/08/23
2-Chlorotoluene	ND		ug/Kg	5.0	05/08/23	05/08/23
4-Chlorotoluene	ND		ug/Kg	5.0	05/08/23	05/08/23
tert-Butylbenzene	ND		ug/Kg	5.0	05/08/23	05/08/23
1,2,4-Trimethylbenzene	ND		ug/Kg	5.0	05/08/23	05/08/23
sec-Butylbenzene	ND		ug/Kg	5.0	05/08/23	05/08/23
para-Isopropyl Toluene	ND		ug/Kg	5.0	05/08/23	05/08/23
1,3-Dichlorobenzene	ND		ug/Kg	5.0	05/08/23	05/08/23
1,4-Dichlorobenzene	ND		ug/Kg	5.0	05/08/23	05/08/23
n-Butylbenzene	ND		ug/Kg	5.0	05/08/23	05/08/23
1,2-Dichlorobenzene	ND		ug/Kg	5.0	05/08/23	05/08/23
1,2-Dibromo-3-Chloropropane	ND		ug/Kg	5.0	05/08/23	05/08/23
1,2,4-Trichlorobenzene	ND		ug/Kg	5.0	05/08/23	05/08/23
Hexachlorobutadiene	ND		ug/Kg	5.0	05/08/23	05/08/23
Naphthalene	ND		ug/Kg	5.0	05/08/23	05/08/23
1,2,3-Trichlorobenzene	ND		ug/Kg	5.0	05/08/23	05/08/23
Surrogates				**Limits**		
Dibromofluoromethane	98%		%REC	70-130	05/08/23	05/08/23
1,2-Dichloroethane-d4	99%		%REC	70-145	05/08/23	05/08/23
Toluene-d8	110%		%REC	70-145	05/08/23	05/08/23
Bromofluorobenzene	98%		%REC	70-145	05/08/23	05/08/23

ENTHALPY ANALYTICAL

Batch QC

Type:	**Blank**	**Lab ID:**	**QC1063310**	**Batch:**	**313221**
Matrix:	**Soil**	**Method:**	**EPA 8270C**	**Prep Method:**	**EPA 3546**

QC1063310 Analyte	Result	Qual	Units	RL	Prepared	Analyzed
Carbazole	ND		ug/Kg	250	05/04/23	05/05/23
1-Methylnaphthalene	ND		ug/Kg	250	05/04/23	05/05/23
Pyridine	ND		ug/Kg	250	05/04/23	05/05/23
N-Nitrosodimethylamine	ND		ug/Kg	250	05/04/23	05/05/23
Phenol	ND		ug/Kg	250	05/04/23	05/05/23
Aniline	ND		ug/Kg	250	05/04/23	05/05/23
bis(2-Chloroethyl)ether	ND		ug/Kg	1,200	05/04/23	05/05/23
2-Chlorophenol	ND		ug/Kg	250	05/04/23	05/05/23
1,3-Dichlorobenzene	ND		ug/Kg	250	05/04/23	05/05/23
1,4-Dichlorobenzene	ND		ug/Kg	250	05/04/23	05/05/23
Benzyl alcohol	ND		ug/Kg	250	05/04/23	05/05/23
1,2-Dichlorobenzene	ND		ug/Kg	250	05/04/23	05/05/23
2-Methylphenol	ND		ug/Kg	250	05/04/23	05/05/23
bis(2-Chloroisopropyl) ether	ND		ug/Kg	250	05/04/23	05/05/23
3-,4-Methylphenol	ND		ug/Kg	400	05/04/23	05/05/23
N-Nitroso-di-n-propylamine	ND		ug/Kg	250	05/04/23	05/05/23
Hexachloroethane	ND		ug/Kg	250	05/04/23	05/05/23
Nitrobenzene	ND		ug/Kg	1,200	05/04/23	05/05/23
Isophorone	ND		ug/Kg	250	05/04/23	05/05/23
2-Nitrophenol	ND		ug/Kg	250	05/04/23	05/05/23
2,4-Dimethylphenol	ND		ug/Kg	250	05/04/23	05/05/23
Benzoic acid	ND		ug/Kg	1,200	05/04/23	05/05/23
bis(2-Chloroethoxy)methane	ND		ug/Kg	250	05/04/23	05/05/23
2,4-Dichlorophenol	ND		ug/Kg	250	05/04/23	05/05/23
1,2,4-Trichlorobenzene	ND		ug/Kg	250	05/04/23	05/05/23
Naphthalene	ND		ug/Kg	250	05/04/23	05/05/23
4-Chloroaniline	ND		ug/Kg	250	05/04/23	05/05/23
Hexachlorobutadiene	ND		ug/Kg	250	05/04/23	05/05/23
4-Chloro-3-methylphenol	ND		ug/Kg	250	05/04/23	05/05/23
2-Methylnaphthalene	ND		ug/Kg	250	05/04/23	05/05/23
Hexachlorocyclopentadiene	ND		ug/Kg	1,200	05/04/23	05/05/23
2,4,6-Trichlorophenol	ND		ug/Kg	250	05/04/23	05/05/23
2,4,5-Trichlorophenol	ND		ug/Kg	250	05/04/23	05/05/23
2-Chloronaphthalene	ND		ug/Kg	250	05/04/23	05/05/23
2-Nitroaniline	ND		ug/Kg	250	05/04/23	05/05/23
Dimethylphthalate	ND		ug/Kg	250	05/04/23	05/05/23
Acenaphthylene	ND		ug/Kg	250	05/04/23	05/05/23
2,6-Dinitrotoluene	ND		ug/Kg	250	05/04/23	05/05/23
3-Nitroaniline	ND		ug/Kg	250	05/04/23	05/05/23
Acenaphthene	ND		ug/Kg	250	05/04/23	05/05/23
2,4-Dinitrophenol	ND		ug/Kg	1,200	05/04/23	05/05/23
4-Nitrophenol	ND		ug/Kg	250	05/04/23	05/05/23

ENTHALPY ANALYTICAL

Batch QC

QC1063310 Analyte	Result	Qual	Units	RL	Prepared	Analyzed
Dibenzofuran	ND		ug/Kg	250	05/04/23	05/05/23
2,4-Dinitrotoluene	ND		ug/Kg	250	05/04/23	05/05/23
Diethylphthalate	ND		ug/Kg	250	05/04/23	05/05/23
Fluorene	ND		ug/Kg	250	05/04/23	05/05/23
4-Chlorophenyl-phenylether	ND		ug/Kg	250	05/04/23	05/05/23
4-Nitroaniline	ND		ug/Kg	250	05/04/23	05/05/23
4,6-Dinitro-2-methylphenol	ND		ug/Kg	250	05/04/23	05/05/23
N-Nitrosodiphenylamine	ND		ug/Kg	250	05/04/23	05/05/23
1,2-diphenylhydrazine (as azobenzene)	ND		ug/Kg	250	05/04/23	05/05/23
4-Bromophenyl-phenylether	ND		ug/Kg	250	05/04/23	05/05/23
Hexachlorobenzene	ND		ug/Kg	250	05/04/23	05/05/23
Pentachlorophenol	ND		ug/Kg	1,200	05/04/23	05/05/23
Phenanthrene	ND		ug/Kg	250	05/04/23	05/05/23
Anthracene	ND		ug/Kg	250	05/04/23	05/05/23
Di-n-butylphthalate	ND		ug/Kg	250	05/04/23	05/05/23
Fluoranthene	ND		ug/Kg	250	05/04/23	05/05/23
Benzidine	ND		ug/Kg	1,200	05/04/23	05/05/23
Pyrene	ND		ug/Kg	250	05/04/23	05/05/23
Butylbenzylphthalate	ND		ug/Kg	250	05/04/23	05/05/23
3,3'-Dichlorobenzidine	ND		ug/Kg	1,200	05/04/23	05/05/23
Benzo(a)anthracene	ND		ug/Kg	250	05/04/23	05/05/23
Chrysene	ND		ug/Kg	250	05/04/23	05/05/23
bis(2-Ethylhexyl)phthalate	ND		ug/Kg	250	05/04/23	05/05/23
Di-n-octylphthalate	ND		ug/Kg	250	05/04/23	05/05/23
Benzo(b)fluoranthene	ND		ug/Kg	250	05/04/23	05/05/23
Benzo(k)fluoranthene	ND		ug/Kg	250	05/04/23	05/05/23
Benzo(a)pyrene	ND		ug/Kg	250	05/04/23	05/05/23
Indeno(1,2,3-cd)pyrene	ND		ug/Kg	250	05/04/23	05/05/23
Dibenz(a,h)anthracene	ND		ug/Kg	250	05/04/23	05/05/23
Benzo(g,h,i)perylene	ND		ug/Kg	250	05/04/23	05/05/23
Surrogates				**Limits**		
2-Fluorophenol	73%		%REC	29-120	05/04/23	05/05/23
Phenol-d6	76%		%REC	30-120	05/04/23	05/05/23
2,4,6-Tribromophenol	85%		%REC	32-120	05/04/23	05/05/23
Nitrobenzene-d5	75%		%REC	33-120	05/04/23	05/05/23
2-Fluorobiphenyl	71%		%REC	39-120	05/04/23	05/05/23
Terphenyl-d14	96%		%REC	44-125	05/04/23	05/05/23

ENTHALPY ANALYTICAL

Batch QC

Type: Lab Control Sample	**Lab ID: QC1063311**	**Batch: 313221**
Matrix: Soil	**Method: EPA 8270C**	**Prep Method: EPA 3546**

QC1063311 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Phenol	2,941	3718	ug/Kg	79%		42-120
2-Chlorophenol	2,885	3718	ug/Kg	78%		41-120
1,4-Dichlorobenzene	2,820	3718	ug/Kg	76%		36-120
3-,4-Methylphenol	3,097	3718	ug/Kg	83%		42-120
N-Nitroso-di-n-propylamine	2,840	3718	ug/Kg	76%		43-121
2,4-Dimethylphenol	2,807	3718	ug/Kg	75%		25-120
1,2,4-Trichlorobenzene	2,905	3718	ug/Kg	78%		38-120
4-Chloro-3-methylphenol	3,099	3718	ug/Kg	83%		40-125
2,4,5-Trichlorophenol	3,176	3718	ug/Kg	85%		40-124
Acenaphthene	2,866	3718	ug/Kg	77%		35-126
4-Nitrophenol	2,889	3718	ug/Kg	78%		24-128
2,4-Dinitrotoluene	3,238	3718	ug/Kg	87%		40-131
Pentachlorophenol	2,412	3718	ug/Kg	65%		35-120
Pyrene	3,062	3718	ug/Kg	82%		37-135
Chrysene	2,807	3718	ug/Kg	75%		38-132
Benzo(b)fluoranthene	2,922	3718	ug/Kg	79%		38-135
Surrogates						
2-Fluorophenol	1,647	1983	ug/Kg	83%		29-120
Phenol-d6	1,707	1983	ug/Kg	86%		30-120
2,4,6-Tribromophenol	1,977	1983	ug/Kg	100%		32-120
Nitrobenzene-d5	1,631	1983	ug/Kg	82%		33-120
2-Fluorobiphenyl	1,609	1983	ug/Kg	81%		39-120
Terphenyl-d14	1,759	1983	ug/Kg	89%		44-125

ENTHALPY ANALYTICAL

Batch QC

Type:	**Matrix Spike**	**Lab ID:**	**QC1063312**	**Batch:**	**313221**
Matrix (Source ID):	**Soil (484369-008)**	**Method:**	**EPA 8270C**	**Prep Method:**	**EPA 3546**

QC1063312 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Phenol	3,376	ND	3728	ug/Kg	91%		37-120	0.99
2-Chlorophenol	3,427	ND	3728	ug/Kg	92%		33-120	0.99
1,4-Dichlorobenzene	3,201	ND	3728	ug/Kg	86%		32-120	0.99
3-,4-Methylphenol	3,609	ND	3728	ug/Kg	97%		37-120	0.99
N-Nitroso-di-n-propylamine	3,418	ND	3728	ug/Kg	92%		32-120	0.99
2,4-Dimethylphenol	3,374	ND	3728	ug/Kg	91%		32-120	0.99
1,2,4-Trichlorobenzene	3,458	ND	3728	ug/Kg	93%		33-120	0.99
4-Chloro-3-methylphenol	3,671	ND	3728	ug/Kg	98%		41-121	0.99
2,4,5-Trichlorophenol	3,724	ND	3728	ug/Kg	100%		40-120	0.99
Acenaphthene	3,536	172.6	3728	ug/Kg	90%		37-120	0.99
4-Nitrophenol	2,774	ND	3728	ug/Kg	74%		20-141	0.99
2,4-Dinitrotoluene	3,556	ND	3728	ug/Kg	95%		33-128	0.99
Pentachlorophenol	2,549	ND	3728	ug/Kg	68%		28-132	0.99
Pyrene	5,204	1754	3728	ug/Kg	93%		39-135	0.99
Chrysene	4,125	866.3	3728	ug/Kg	87%		37-135	0.99
Benzo(b)fluoranthene	4,122	652.6	3728	ug/Kg	93%		34-139	0.99
Surrogates								
2-Fluorophenol	1,889		1988	ug/Kg	95%		29-120	0.99
Phenol-d6	1,961		1988	ug/Kg	99%		30-120	0.99
2,4,6-Tribromophenol	2,268		1988	ug/Kg	114%		32-120	0.99
Nitrobenzene-d5	1,886		1988	ug/Kg	95%		33-120	0.99
2-Fluorobiphenyl	1,913		1988	ug/Kg	96%		39-120	0.99
Terphenyl-d14	2,017		1988	ug/Kg	101%		44-125	0.99

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Batch QC

Type:	**Matrix Spike Duplicate**	**Lab ID:**	**QC1063313**	**Batch:**	**313221**
Matrix (Source ID):	**Soil (484369-008)**	**Method:**	**EPA 8270C**	**Prep Method:**	**EPA 3546**

QC1063313 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
Phenol	3,319	ND	3750	ug/Kg	89%		37-120	2	49	1
2-Chlorophenol	3,334	ND	3750	ug/Kg	89%		33-120	3	52	1
1,4-Dichlorobenzene	3,177	ND	3750	ug/Kg	85%		32-120	1	50	1
3-,4-Methylphenol	3,592	ND	3750	ug/Kg	96%		37-120	1	54	1
N-Nitroso-di-n-propylamine	3,303	ND	3750	ug/Kg	88%		32-120	4	50	1
2,4-Dimethylphenol	3,287	ND	3750	ug/Kg	88%		32-120	3	50	1
1,2,4-Trichlorobenzene	3,340	ND	3750	ug/Kg	89%		33-120	4	50	1
4-Chloro-3-methylphenol	3,568	ND	3750	ug/Kg	95%		41-121	3	43	1
2,4,5-Trichlorophenol	3,688	ND	3750	ug/Kg	98%		40-120	2	47	1
Acenaphthene	3,452	172.6	3750	ug/Kg	87%		37-120	3	48	1
4-Nitrophenol	2,867	ND	3750	ug/Kg	76%		20-141	3	30	1
2,4-Dinitrotoluene	3,546	ND	3750	ug/Kg	95%		33-128	1	50	1
Pentachlorophenol	2,549	ND	3750	ug/Kg	68%		28-132	1	30	1
Pyrene	5,404	1754	3750	ug/Kg	97%		39-135	3	41	1
Chrysene	4,019	866.3	3750	ug/Kg	84%		37-135	3	46	1
Benzo(b)fluoranthene	4,077	652.6	3750	ug/Kg	91%		34-139	2	47	1
Surrogates										
2-Fluorophenol	1,853		2000	ug/Kg	93%		29-120			1
Phenol-d6	1,946		2000	ug/Kg	97%		30-120			1
2,4,6-Tribromophenol	2,245		2000	ug/Kg	112%		32-120			1
Nitrobenzene-d5	1,845		2000	ug/Kg	92%		33-120			1
2-Fluorobiphenyl	1,841		2000	ug/Kg	92%		39-120			1
Terphenyl-d14	1,969		2000	ug/Kg	98%		44-125			1

\# CCV drift outside limits; average CCV drift within limits per method requirements
* Value is outside QC limits
ND Not Detected
b See narrative

Laboratory Job Number 484472

Subcontracted Products

SGS Forensic

SGS FORENSIC LABORATORIES

Final Report

Bulk Asbestos Material Analysis

(Air Resources Board Method 435, June 6, 1991)

Enthalpy Analytical LLC
Sophia Baughman
2323 5th Street

Berkeley, CA 94710

Client ID: 1137
Report Number: N015460
Date Received: 05/04/23
Date Analyzed: 05/11/23
Date Printed: 05/11/23

Job ID/Site: EO-484472 - PO-045347

SGSFL Job ID: 1137
Total Samples Submitted: 1
Total Samples Analyzed: 1

PLM Report Number: N/A

Sample Preparation and Analysis:

Samples were analyzed by the Air Resources Board's Method 435, Determination of Asbestos Content of Serpentine Aggregate. Samples were ground to 200 particle size in the laboratory. Approximately 1 pint was retained for analysis. Samples were prepared for observation according to the guidelines of Exception I and Exception II as defined by the 435 Method. Samples which contained less than 10% asbestos were prepared for observation according to the point count technique as defined by the 435 Method. This analysis was performed with a standard cross-hair reticle.

Sample ID	Lab Number	Layer Description
F-16-1	12662368	**Grey Soil**

Visual Estimation Results:

Matrix percentage of entire sample	100
Visual estimation percentage:	**None Detected**
Asbestos type(s) detected:	None Detected

Comment: This result meets the requirements of Exception I as defined by the 435 Method.

Tad Thrower

Tad Thrower, Laboratory Supervisor, Hayward Laboratory

Note: Limit of Quantification (LOQ) = 0.25%. Trace denotes the presence of asbestos below the LOQ. ND = None Detected.

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Lab Job Number: 484652
Report Level: II
Report Date: 05/19/2023

Analytical Report *prepared for:*

Peter Sims
Farallon Consulting
330 Franklin Street
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Project: 1363-005-006 - Brisbane Quarry

Authorized for release by:

John Goyette, Service Center Manager
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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 above signature which applies to this PDF file as well as any associated electronic data deliverable files. The results contained in this report meet all requirements of NELAP and pertain only to those samples which were submitted for analysis. This report may be reproduced only in its entirety.

CA ELAP# 1338, NELAP# 4038, SCAQMD LAP# 18LA0518, LACSD ID# 10105

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Sample Summary

Peter Sims
Farallon Consulting
330 Franklin Street
Suite 200
Oakland, CA 94612

Lab Job #:	484652
Project No:	1363-005-006
Location:	Brisbane Quarry
Date Received:	05/05/23

Sample ID	Lab ID	Collected	Matrix
F-21-1	484652-001	05/04/23 08:00	Soil
F-21-5	484652-002	05/04/23 08:12	Soil
F-21-10	484652-003	05/04/23 08:27	Soil
F-21-15	484652-004	05/04/23 08:39	Soil
F-21-20	484652-005	05/04/23 08:56	Soil
F-21-25	484652-006	05/04/23 09:05	Soil
F-21-30	484652-007	05/04/23 09:10	Soil
F-22-1	484652-008	05/04/23 10:15	Soil
F-22-5	484652-009	05/04/23 10:30	Soil
F-22-10	484652-010	05/04/23 10:45	Soil
F-22-15	484652-011	05/04/23 11:00	Soil
F-22-20	484652-012	05/04/23 11:18	Soil
F-22-25	484652-013	05/04/23 11:40	Soil
F-22-30	484652-014	05/04/23 12:00	Soil
F-23-1	484652-015	05/04/23 14:30	Soil
F-24-1	484652-016	05/04/23 15:11	Soil
F-24-5	484652-017	05/04/23 15:40	Soil
F-24-10	484652-018	05/05/23 07:30	Soil
F-24-15	484652-019	05/05/23 07:50	Soil
F-24-20	484652-020	05/05/23 08:10	Soil

ENTHALPY ANALYTICAL

Case Narrative

Farallon Consulting	Lab Job Number: 484652
330 Franklin Street	Project No: 1363-005-006
Suite 200	Location: Brisbane Quarry
Oakland, CA 94612	Date Received: 05/05/23
Peter Sims	

This data package contains sample and QC results for twelve soil samples, requested for the above referenced project on 05/05/23. The samples were received cold and intact.

TPH-Purgeables and/or BTXE by GC (EPA 8015B):
No analytical problems were encountered.

TPH-Extractables by GC (EPA 8015M):

- Many samples were diluted due to the dark color of the sample extracts.
- No other analytical problems were encountered.

Volatile Organics by GC/MS (EPA 8260B):

- F-24-5 (lab # 484652-017) was diluted due to high hydrocarbons.
- No other analytical problems were encountered.

Semivolatile Organics by GC/MS (EPA 8270C):

- Low surrogate recoveries were observed for 2,4,6-tribromophenol in F-22-10 (lab # 484652-010), F-22-30 (lab # 484652-014), and F-23-1 (lab # 484652-015).
- Low surrogate recoveries were observed for 2-fluorophenol and phenol-d6 in F-22-30 (lab # 484652-014).
- F-21-20 (lab # 484652-005), F-23-1 (lab # 484652-015), and F-24-1 (lab # 484652-016) were diluted due to the dark color and viscous nature of the sample extracts.
- No other analytical problems were encountered.

Pesticides (EPA 8081A):

- F-21-1 (lab # 484652-001) was diluted due to the color of the sample extract.
- F-22-30 (lab # 484652-014) was diluted due to the dark color of the sample extract.
- No other analytical problems were encountered.

PCBs (EPA 8082):

- F-22-30 (lab # 484652-014) was diluted due to the dark color of the sample extract.
- No other analytical problems were encountered.

Metals (EPA 6010B and EPA 7471A):

- High response was observed for beryllium in the CCV analyzed 05/09/23 19:55; affected data was qualified with "b".
- Low recoveries were observed for nickel and antimony in the MS/MSD for batch 313453; the parent sample was not a project sample, the LCS was within limits, and the associated RPDs were within limits. High recoveries were observed for barium; the LCS was within limits. High RPD was also observed for barium.
- Low recovery was observed for silicon in the LCS for batch 314277.
- Low recoveries were observed for silicon in the MS/MSD of F-21-10 (lab # 484652-003); the associated RPD was within limits.
- No other analytical problems were encountered.

pH of Solid Samples (EPA 9045C):

No analytical problems were encountered.

Asbestos (CARB 435):

SGS Forensic in Hayward, CA performed the analysis (see sublab report section for certifications). Please see the SGS Forensic case narrative.

ENTHALPY ANALYTICAL

Chain of Custody Record Lab No: 484652 Page: 1 of 2

Turn Around Time (rush by advanced notice only)

Standard:	X	5 Day:		3 Day:	
2 Day:		1 Day:		Custom TAT:	

Enthalpy Analytical - Berkeley
2323 5th Street, Berkeley, CA 94710
Phone 510-486-0900

Matrix: A = Air S = Soil/Solid W = Water DW = Drinking Wate SD = Sediment PP = Pure Product SEA = Sea Water SW = Swab T = Tissue WP = Wipe O = Other

Preservatives: 1 = $Na_2S_2O_3$ 2 = HCl 3 = HNO_3 4 = H_2SO_4 5 = NaOH 6 = Other 7=Methanol 8=UPBW

Sample Receipt Temp: (lab use only)

CUSTOMER INFORMATION		PROJECT INFORMATION	
Company:	Farallon Consulting	Name:	Brisbane Quarry
Report To:	Peter Sims	Number:	1363-006-005
Email:	PSims@FarallonConsulting.com	P.O. #:	
Address:	330 Franklin Street	Address:	1 Quarry Rd, Brisbane, CA
	Suite#200, Oakland, CA 94607		
Phone:	949-338-8317	Global ID:	
		Sampled By:	Jackie DePriest

	Sample ID	Sampling Date	Sampling Time	Matrix	Container No. / Size	Pres.	GRO, DRO, ORO 8015M	VOCs 8260	SVOCs 8270	OCPs 8081	PCBs 8082	Title 22 Metals 6010D/7471	Silica 6010D	pH 9045D	Asbestos CARB 435	HOLD FOR ANALYSIS
1	F-21-1	5/4/23	0800	S	6/2x160z 4x VOA	7+8	X	X	X	X	X					
2	F-21-5		0812		6/2x160z 4x VOA											X
3	F-21-10		0827		7/2x160z 4xVOA, 1x20z							X	X	X	X	
4	F-21-15		0839		6/2x 160z 4x VOA											X
5	F-21-20		0856		7/2x160z 4xVOA, 1x20z		X	X	X			X	X	X	X	
6	F-21-25		0905		6/2x160z 4x VOA											X
7	F-21-30		0910		7/2x160z 4xVOA, 1x20z							X	X	X	X	
8	F-22-1		1015		6/2x160z 4x VOA		X	X	X			X				
9	F-22-5		1030		6/2x 160z 4x VOA											X
10	F-22-10	↓	1045	↓	7/2x160z 4xVOA, 1x20z	↓	X	X	X			X	X	X	X	

Test Instructions / Comments: 4xVOA = 1 methanol 3 Ultrapure blank water

	Signature	Print Name	Company / Title	Date / Time
[1] Relinquished By:	Jacquelin DePriest	Jackie DePriest	Farallon Engineer	5/5/23 1240
[1] Received By:		Mackenzie Yip	EA	5/5/23 12:40
[2] Relinquished By:		Jacob Hahn	EA	5-5-23 1730
[2] Received By:		Fedex	EA	5/6/23 1030
[3] Relinquished By:				
[3] Received By:				

ENTHALPY ANALYTICAL

Chain of Custody Record — Lab No: 484652 — Page: 2 of 2

Turn Around Time (rush by advanced notice only)

Standard:	X	5 Day:		3 Day:	
2 Day:		1 Day:		Custom TAT:	

Enthalpy Analytical - Berkeley
2323 5th Street, Berkeley, CA 94710
Phone 510-486-0900

Matrix: A = Air S = Soil/Solid W = Water DW = Drinking Wate SD = Sediment PP = Pure Product SEA = Sea Water SW = Swab T = Tissue WP = Wipe O = Other

Preservatives: 1 = $Na_2S_2O_3$ 2 = HCl 3 = HNO_3 4 = H_2SO_4 5 = NaOH 6 = Other 7=Methanol 8=UPBW

Sample Receipt Temp: (lab use only)

CUSTOMER INFORMATION		PROJECT INFORMATION	
Company:	Farallon Consulting	Name:	Brisbane Quarry
Report To:	Peter Sims	Number:	1363-006-005
Email:	PSims@FarallonConsulting.com	P.O. #:	
Address:	330 Franklin St. Suite 200	Address:	1 Quarry Rd, Brisbane
	Oakland, CA 94607		California
Phone:	949-338-8317	Global ID:	
		Sampled By:	Jackie DePriest

	Sample ID	Sampling Date	Sampling Time	Matrix	Container No. / Size	Pres.	GRO, DRO, ORO by 8015M	VOCs 8260	SVOCs 8270	OCPs 8081	PCBs 8082	Title 22 Metals 6010B/7471	Silica 6010D	pH 9045D	Asbestos CARB 435	HOLD FOR ANALYSIS
1	F-22-15	5/4/23	1100	S	6/2x1L 4xVOA, 1x2oz	7+8										X
2	F-22-20	5/4/23	1118		7/2x1L 4xVOA, 1x2oz							X	X	X	X	
3	F-22-25	5/4/23	1140		6/2x1L 4xVOA											X
4	F-22-30	5/4/23	1200		7/2x1L 4xVOA, 1x2oz		X	X	X	X	X	X	X	X	X	
5	F-23-1	5/4/23	1430		6/1x1L 4xVOA, 1x2oz		X	X	X			X	X	X	X	
6	F-24-1	5/4/23	1511		6/2x1L 4xVOA		X	X	X			X				
7	F-24-5	5/4/23	1540		7/2x1L 4xVOA, 1x2oz		X	X	X			X	X	X	X	
8	F-24-10	5/5/23	0730		6/2x1L 4xVOA											X
9	F-24-15	5/5/23	0750		6/2x1L 4xVOA											X
10	F-24-20	5/5/23	0810		7/2x1L 4xVOA, 1x2oz		X	X	X			X	X	X	X	

Test Instructions / Comments

	Signature	Print Name	Company / Title	Date / Time
1 Relinquished By:	Jackie DePriest	Jackie DePriest	Farallon Engineer	5/5/23 1240
1 Received By:		[illegible]	[illegible]	5/5/23 12:40
2 Relinquished By:		Jacob Hahn	EA	5-5-23 1730
2 Received By:		[illegible]	[illegible]	5/6/23 1030
3 Relinquished By:				
3 Received By:				

SAMPLE RECEIPT CHECKLIST

Section 1: Login # 484652 Client: Farallon

Date Received: 5/5/23 Project:

ENTHALPY

Section 2: Shipping info (if applicable) _____

Are custody seals present? ☑ No, or ☐ Yes. If yes, where? ☐ on cooler, ☐ on samples, ☐ on package

☐ Date: _____ How many _____ ☐ Signature, ☐ Initials, ☐ None

Were custody seals intact upon arrival? ☐ Yes ☐ No ☐ N/A

Samples received in a cooler? ☑ Yes, how many? 2 ☐ No (**skip Section 3 below**)

If no cooler Sample Temp (°C): _____ using IR Gun # ☐ B, or ☐ C

☐ Samples received on ice directly from the field. Cooling process had begun

If in cooler: Date Opened 5/5/23 By (print) MM (sign)

Section 3: ***Important*: Notify PM if temperature exceeds 6°C or arrive frozen.**

Packing in cooler: (if other, describe) _____

☐ Bubble Wrap, ☐ Foam blocks, ☑ Bags, ☐ None, ☐ Cloth material, ☐ Cardboard, ☐ Styrofoam, ☐ Paper towels

☐ Samples received on ice directly from the field. Cooling process had begun

Type of ice used : ☑ Wet, ☐ Blue/Gel, ☐ None Temperature blank(s) included? ☐ Yes, ☐ No

Temperature measured using ☐ Thermometer ID: _____, or IR Gun # ☐ B ☐ C

Cooler Temp (°C): #1: 6.8, #2: 6.5, #3: _____, #4: _____, #5: _____, #6: _____, #7: _____

Section 4:	YES	NO	N/A
Were custody papers dry, filled out properly, and the project identifiable	✓		
Were Method 5035 sampling containers present?	✓		
If YES, what time were they transferred to freezer? _____			
Did all bottles arrive unbroken/unopened?	-		
Are there any missing / extra samples?		-	
Are samples in the appropriate containers for indicated tests?	-		
Are sample labels present, in good condition and complete?	-		
Does the container count match the COC?		-	
Do the sample labels agree with custody papers?	-		
Was sufficient amount of sample sent for tests requested?	-		
Did you change the hold time in LIMS for unpreserved VOAs?			✓
Did you change the hold time in LIMS for preserved terracores?			✓
Are bubbles > 6mm present in VOA samples?			-
Was the client contacted concerning this sample delivery?		-	
If YES, who was called? _____ By _____ Date: _____			

Section 5:	YES	NO	N/A
Are the samples appropriately preserved? (if N/A, skip the rest of section 5)			
Did you check preservatives for all bottles for each sample?			
Did you document your preservative check?			

pH strip lot# _____, pH strip lot# _____, pH strip lot# _____

Preservative added:

☐ H2SO4 lot# _____ added to samples _____ on/at _____

☐ HCL lot# _____ added to samples _____ on/at _____

☐ HNO3 lot# _____ added to samples _____ on/at _____

☐ NaOH lot# _____ added to samples _____ on/at _____

Section 6:

Explanations/Comments: 014; 6 containers received / 7 noted on COC

015; 7 containers received / 6 noted on COC

Date Logged in 5-5-23 **By (print)** MAC **(sign)** _____

Date Labeled 5-5-23 **By (print)** JH **(sign)** JH

ENTHALPY ANALYTICAL

484652

SAMPLE ACCEPTANCE CHECKLIST

Section 1

Client: Farallon Consulting Project: Brisbane Quarry

Date Received: 05/06/23 Sampler's Name Present: ☑ Yes ☐ No

Section 2

Sample(s) received in a cooler? ☑ Yes, How many? 4 ☐ No (skip section 2) Sample Temp (°C) (No Cooler): _____

Sample Temp (°C), One from each cooler: #1: 5.2 #2: 5.5 #3: 5.7 #4: 3.9

(Acceptance range is < 6°C but not frozen (for Microbiology samples, acceptance range is < 10°C but not frozen). It is acceptable for samples collected the same day as sample receipt to have a higher temperature as long as there is evidence that cooling has begun.)

Shipping Information: Southwest Airlines

Section 3

Was the cooler packed with: ☑ Ice ☑ Ice Packs ☐ Bubble Wrap ☐ Styrofoam ☐ Paper ☐ None ☐ Other _____

Cooler Temp (°C): #1: 1.2 #2: 1.3 #3: 1.7 #4: 1.4

Section 4	YES	NO	N/A
Was a COC received?	✔		
Are sample IDs present?	✔		
Are sampling dates & times present?	✔		
Is a relinquished signature present?	✔		
Are the tests required clearly indicated on the COC?	✔		
Are custody seals present?	✔		
If custody seals are present, were they intact?	✔		
Are all samples sealed in plastic bags? (Recommended for Microbiology samples)			✔
Did all samples arrive intact? If no, indicate in Section 4 below.	✔		
Did all bottle labels agree with COC? (ID, dates and times)	✔		
Were the samples collected in the correct containers for the required tests?	✔		
Are the containers labeled with the correct preservatives?			✔
Is there headspace in the VOA vials greater than 5-6 mm in diameter?			✔
Was a sufficient amount of sample submitted for the requested tests?	✔		

Section 5 Explanations/Comments

Section 6

For discrepancies, how was the Project Manager notified? ☐ Verbal ☐ Email PM Initials: _____ Date/Time _____ (email sent to/on): _____ / _____

Project Manager's response:

Completed By: _____ Date: MAY 06 2023

526 | OAK | 87885066 484652 526 - 87885066

Shipper's Name and Address	Shipper's Account Number
ENTHALPY ANALYTICAL, LLC 931 W BARKLEY AVE ORANGE, CA 92868 US +1 (714) 771-6900	103977 - 1

Not Negotiable / Issued by

52687885066

Southwest Cargo

swacargo.com (800) 533-1222

Consignee's Name and Address	Consignee's Account Number
ENTHALPY ANALYTICAL, LLC 931 W BARKLEY AVE ORANGE, CA 92868 US +1 (714) 771-6900	103977 - 1

Copies 1, 2 and 3 of this Air Waybill are originals and have the same validity.

It is agreed that the goods described herein are accepted in apparent good order and condition (except as noted) for carriage subject to Southwest Airlines' Contract of Carriage which is www.swacargo.com and any location where air waybills are available. Shipper's attention is drawn to the terms of the contract which includes, among other things; (1) Limits on Carriers' liability for loss, damage, or delay of goods, including fragile or perishable goods; (2) Claim restrictions, including time within which shippers or consignees must file a claim or bring an action against the carrier for its acts or omissions or those of its agents; (3) Right of the carrier to change the terms of the contract; (4) Rules about refusal to carry; and (5) Rights of the carrier and limitations, concerning delay or failure to perform service, including schedule changes, rerouting, substitution of an alternate carrier or aircraft, or means of carriage including road unless specific contrary instructions are given hereon by shipper, and shipper agrees the shipment may be carried via intermediate stopping places the carrier deems appropriate. Shipper may increase liability limits by declaring a higher value for carriage and paying a supplemental charge if required.

Issuing Carrier's Agent Name and City

Accounting Information

Billed on 05/05/2023 19:16 PDT SWA ACCOUNT 103977

Agent's IATA Code | Account No.

Airport of Departure (Addr. of First Carrier) and Requested Routing

OAKLAND

Service Level - N

To	By First Carrier	To	By	To	By	Currency	CHGS Code	WT.VAL. PPD	WT.VAL. COLL.	Other PPD	Other COLL.	Declared Value for Carriage	Declared Value for Customs
ONT	SOUTHWEST AIRLINES					USD	PP	X		X		NVD	

Airport of Destination	Flight Date (For Carrier Use Only)	Flight Date	Amount of Insurance	INSURANCE - If carrier offers insurance, and such insurance is requested in accordance with the conditions thereof, indicate amount to be insured in figures in box marked "Amount of Insurance".
ONT	WN2639 / 05MAY			

HANDLING INFORMATION -

SCI

No. of Pieces RCP	Gross Weight	kg lb	Rate Class	Commodity Item No.	Chargeable Weight	Rate / Charge	Total	Nature and Quantity of Goods (Inc. Dimensions or Volume)
9	515	L	B	0000	515	As Agreed	*******	SOIL/WATER/AIR SAMPLES DIMS IN INCHES: 8 = 24 X 15 X 14 1 = 24 X 15 X 14 #8 5.2/1.2
9	515						*******	

Prepaid	Weight Charge	Collect	Other Charges and Description
			MYC 0.00 SCC 0.00
Valuation Charge			
Tax			
Total Other Charges Due Agent			
Total Other Charges Due Carrier			

Shipper certifies that the particulars on the face hereof are correct and that **insofar as any part of the consignment contains dangerous goods, such part is properly described by name and is in proper condition for carriage by air according to the applicable Dangerous Goods Regulations.** I consent that this shipment shall be subject to search by the Carrier.

REBECCA BETANCOURT

Signature of Shipper or his Agent

Total Prepaid	Total Collect	Currency Conversion Rates	CC Charges in Dest.Currency	Executed on (date and time)	At (place)	Signature of Issuing Carrier or its Agent
				05/05/2023 19:16 PDT	OAK	E70673

For Carriers Use only at Destination	Charges at Destination	Total Collect Charges

526 - 87885066

ORIGINAL 2 (FOR CONSIGNEE)

526 | OAK | 87885066

526 - 87885066

Shipper's Name and Address	Shipper's Account Number
ENTHALPY ANALYTICAL, LLC 931 W BARKLEY AVE ORANGE, CA 92868 US +1 (714) 771-6900	103977 - 1

Not Negotiable / Issued by

52687885066

Southwest Cargo

swacargo.com (800) 533-1222

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Consignee's Name and Address	Consignee's Account Number
ENTHALPY ANALYTICAL, LLC 931 W BARKLEY AVE ORANGE, CA 92868 US +1 (714) 771-6900	103977 - 1

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Issuing Carrier's Agent Name and City

Accounting Information

Billed on 05/05/2023 19:16 PDT SWA ACCOUNT 103977

Agent's IATA Code	Account No.

Airport of Departure (Addr. of First Carrier) and Requested Routing

OAKLAND

Service Level - N

To	By First Carrier	To	By	To	By	Currency	CHGS Code	WT.VAL PPD	WT.VAL COLL	Other PPD	Other COLL	Declared Value for Carriage	Declared Value for Customs
ONT	SOUTHWEST AIRLINES					USD	PP	X		X		NVD	

Airport of Destination	Flight Date (For Carrier Use Only)	Flight Date	Amount of Insurance	INSURANCE - If carrier offers insurance, and such insurance is requested in accordance with the conditions thereof, indicate amount to be insured in figures in box marked "Amount of Insurance".
ONT	WN2639 / 05MAY			

HANDLING INFORMATION -

SCI

No. of Pieces RCP	Gross Weight	kg lb	Rate Class	Commodity Item No.	Chargeable Weight	Rate / Charge	Total	Nature and Quantity of Goods (Inc. Dimensions or Volume)
9	515	L	B	0000	515	As Agreed	*******	SOIL/WATER/AIR SAMPLES DIMS IN INCHES: 8 = 24 X 15 X 14 1 = 24 X 15 X 14
9	515						*******	

Prepaid	Weight Charge	Collect

Valuation Charge

Tax

Other Charges and Description

MYC 0.00 SCC 0.00

Total Other Charges Due Agent

Total Other Charges Due Carrier

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REBECCA BETANCOURT

Signature of Shipper or his Agent

Total Prepaid	Total Collect

Currency Conversion Rates	CC Charges in Dest.Currency	Executed on (date and time)	At (place)	Signature of Issuing Carrier or its Agent
		05/05/2023 19:16 PDT	OAK	E70673

For Carriers Use only at Destination	Charges at Destination	Total Collect Charges

526 - 87885066

ORIGINAL 2 (FOR CONSIGNEE)

481652 1.7/5.7

526 | OAK | 87885066

526 - 87885066

Shipper's Name and Address ENTHALPY ANALYTICAL, LLC 931 W BARKLEY AVE ORANGE, CA 92868 US +1 (714) 771-6900	Shipper's Account Number 103977 - 1
Consignee's Name and Address ENTHALPY ANALYTICAL, LLC 931 W BARKLEY AVE ORANGE, CA 92868 US +1 (714) 771-6900	Consignee's Account Number 103977 - 1
Issuing Carrier's Agent Name and City	
Agent's IATA Code	Account No.
Airport of Departure (Addr. of First Carrier) and Requested Routing OAKLAND	

Not Negotiable / Issued by

52687885066

Southwest Cargo

swacargo.com (800) 533-1222

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Accounting Information

Billed on 05/05/2023 19:16 PDT SWA ACCOUNT 103977

Service Level - N

To	By First Carrier	To	By	To	By	Currency	CHGS Code	WT.VAL PPD	WT.VAL COLL	Other PPD	Other COLL	Declared Value for Carriage	Declared Value for Customs
ONT	SOUTHWEST AIRLINES					USD	PP	X		X		NVD	

Airport of Destination	Flight Date (For Carrier Use Only)	Flight Date	Amount of Insurance
ONT	WN2639 / 05MAY		

INSURANCE - If carrier offers insurance, and such insurance is requested in accordance with the conditions thereof, indicate amount to be insured in figures in box marked "Amount of Insurance".

HANDLING INFORMATION -

SC

No. of Pieces RCP	Gross Weight	kg lb	Rate Class	Commodity Item No.	Chargeable Weight	Rate / Charge	Total	Nature and Quantity of Goods (Inc. Dimensions or Volume)
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9	515						*******	

Prepaid | Weight Charge | Collect

Valuation Charge

Tax

Total Other Charges Due Agent

Total Other Charges Due Carrier

Other Charges and Description

MYC 0.00 SCC 0.00

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REBECCA BETANCOURT

Signature of Shipper or his Agent

Total Prepaid | Total Collect

Currency Conversion Rates | CC Charges in Dest.Currency

05/05/2023 19:16 PDT | OAK | E70673

Executed on (date and time) | At (place) | Signature of Issuing Carrier or its Agent

For Carriers Use only at Destination | Charges at Destination | Total Collect Charges

526 - 87885066

ORIGINAL 2 (FOR CONSIGNEE)

484652

526 | OAK | 87885066

526 - 87885066

Shipper's Name and Address ENTHALPY ANALYTICAL, LLC 931 W BARKLEY AVE ORANGE, CA 92868 US +1 (714) 771-6900	Shipper's Account Number 103977 - 1
Consignee's Name and Address ENTHALPY ANALYTICAL, LLC 931 W BARKLEY AVE ORANGE, CA 92868 US +1 (714) 771-6900	Consignee's Account Number 103977 - 1
Issuing Carrier's Agent Name and City	
Agent's IATA Code / Account No.	
Airport of Departure (Addr. of First Carrier) and Requested Routing OAKLAND	

Not Negotiable / Issued by

52687885066

Southwest Cargo

swacargo.com (800) 533-1222

Copies 1, 2 and 3 of this Air Waybill are originals and have the same validity.

It is agreed that the goods described herein are accepted in apparent good order and condition (except as noted) for carriage subject to Southwest Airlines' Contract of Carriage which is www.swacargo.com and any location where air waybills are available. Shipper's attention is drawn to the terms of the contract which includes, among other things: (1) Limits on Carriers' liability for loss, damage, or delay of goods, including fragile or perishable goods; (2) Claim restrictions, including time within which shippers or consignees must file a claim or bring an action against the carrier for its acts or omissions or those of its agents; (3) Right of the carrier to change the terms of the contract; (4) Rules about refusal to carry; and (5) Rights of the carrier and limitations, concerning delay or failure to perform service, including schedule changes, rerouting, substitution of an alternate carrier or aircraft, or means of carriage including road unless specific contrary instructions are given hereon by shipper, and shipper agrees the shipment may be carried via intermediate stopping places the carrier deems appropriate. Shipper may increase liability limits by declaring a higher value for carriage and paying a supplemental charge if required.

Accounting Information

Billed on 05/05/2023 19:16 PDT SWA ACCOUNT 103977

Service Level - N

To	By First Carrier	To	By	To	By	Currency	CHGS Code	WT/VAL PPD	WT/VAL COLL	Other PPD	Other COLL	Declared Value for Carriage	Declared Value for Customs
ONT	SOUTHWEST AIRLINES					USD	PP	X		X		NVD	

Airport of Destination	Flight Date (For Carrier Use Only)	Flight Date	Amount of Insurance	INSURANCE - If carrier offers insurance, and such insurance is requested in accordance with the conditions thereof, indicate amount to be insured in figures in box marked "Amount of Insurance".
ONT	WN2639 / 05MAY			

HANDLING INFORMATION -

SCI

No. of Pieces RCP	Gross Weight	kg lb	Rate Class	Commodity Item No.	Chargeable Weight	Rate / Charge	Total	Nature and Quantity of Goods (inc. Dimensions or Volume)
9	515	L	B	0000	515	As Agreed	*******	SOIL/WATER/AIR SAMPLES DIMS IN INCHES: 8 = 24 X 15 X 14 1 = 24 X 15 X 14 #8 3.4 11.4
9	515						*******	

Prepaid	Weight Charge	Collect	Other Charges and Description
			MYC 0.00 SCC 0.00
Valuation Charge			
Tax			
Total Other Charges Due Agent			
Total Other Charges Due Carrier			

Shipper certifies that the particulars on the face hereof are correct and that **insofar as any part of the consignment contains dangerous goods, such part is properly described by name and is in proper condition for carriage by air according to the applicable Dangerous Goods Regulations.** I consent that this shipment shall be subject to search by the Carrier.

REBECCA BETANCOURT

Signature of Shipper or his Agent

Total Prepaid	Total Collect	Currency Conversion Rates	CC Charges in Dest.Currency	Executed on (date and time)	At (place)	Signature of Issuing Carrier or its Agent
				05/05/2023 19:16 PDT	OAK	E70673

For Carriers Use only at Destination | Charges at Destination | Total Collect Charges

526 - 87885066

ORIGINAL 2 (FOR CONSIGNEE)

MONTROSE ENVIRONMENTAL

John Goyette <jgoyette@montrose-env.com>

[EXTERNAL] RE: * Please Review & Confirm * 1363-005-006 - Enthalpy Login Summary (484652)

Peter Sims <psims@farallonconsulting.com> Fri, May 5, 2023 at 7:43 PM
To: Sophia Baughman <sophia.baughman@enthalpy.com>, "Enthalpy Analytical (ClientServices.Berkeley@enthalpy.com)" <clientservices.berkeley@enthalpy.com>

Hi Enthalpy,

Please add Title 22 analysis to F-21-1. Please remove TPHgas, carbon chain, VOCs, and SVOCs analysis from F-24-20 and analyze it for only Title 22, asbestos, silica, and pH.

Thanks,

Peter D. Sims, PG (CA), LEED AP, Associate Geologist

Farallon Consulting | 330 Franklin Street, Suite 200 | Oakland, CA 94607

C: 949-338-8317

FARALLON CONSULTING

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From: Enthalpy Orange Sample Control <sample.control.orange@enthalpy.com>
Sent: Friday, May 5, 2023 6:28 PM
To: Richard Makdisi <rmakdisi@farallonconsulting.com>
Cc: Peter Sims <psims@farallonconsulting.com>; sophia.baughman@enthalpy.com
Subject: * Please Review & Confirm * 1363-005-006 - Enthalpy Login Summary (484652)

Enthalpy Login Summary for 484652

Project:	1363-005-006
Site:	Brisbane Quarry
Lab Login #:	484652
Report Level:	II
PO#:	
Lab Proj Mgr:	Sophia Baughman
TAT:	5 business days
Report Due:	05/12/23

Report To:	Farallon Consulting 330 Franklin Street Suite 200 Oakland, CA 94612 ATTN: Peter Sims	**Bill To:**	Farallon Consulting 330 Franklin Street Suite 200 Oakland, CA 94612 ATTN: Peter Sims

Client ID	Lab ID	Sampled	Received	COC #	Basis	Matrix	Analyses	Comments

ENTHALPY ANALYTICAL

Analysis Results for 484652

Peter Sims
Farallon Consulting
330 Franklin Street
Suite 200
Oakland, CA 94612

Lab Job #: 484652
Project No: 1363-005-006
Location: Brisbane Quarry
Date Received: 05/05/23

Sample ID: F-21-1 **Lab ID: 484652-001** **Collected: 05/04/23 08:00**
Matrix: Soil

484652-001 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 6010B Prep Method: EPA 3050B									
Antimony	ND		mg/Kg	2.9	0.96	313453	05/09/23	05/09/23	THP
Arsenic	**3.3**		mg/Kg	0.96	0.96	313453	05/09/23	05/09/23	THP
Barium	**100**		mg/Kg	0.96	0.96	313453	05/09/23	05/09/23	THP
Beryllium	ND		mg/Kg	0.48	0.96	313453	05/09/23	05/09/23	THP
Cadmium	ND		mg/Kg	0.48	0.96	313453	05/09/23	05/09/23	THP
Chromium	**53**		mg/Kg	0.96	0.96	313453	05/09/23	05/09/23	THP
Cobalt	**9.2**		mg/Kg	0.48	0.96	313453	05/09/23	05/09/23	THP
Copper	**16**		mg/Kg	0.96	0.96	313453	05/09/23	05/10/23	THP
Lead	**9.9**		mg/Kg	0.96	0.96	313453	05/09/23	05/09/23	THP
Molybdenum	ND		mg/Kg	0.96	0.96	313453	05/09/23	05/09/23	THP
Nickel	**44**		mg/Kg	0.96	0.96	313453	05/09/23	05/09/23	THP
Selenium	ND		mg/Kg	2.9	0.96	313453	05/09/23	05/09/23	THP
Silver	ND		mg/Kg	0.48	0.96	313453	05/09/23	05/09/23	THP
Thallium	ND		mg/Kg	2.9	0.96	313453	05/09/23	05/09/23	THP
Vanadium	**44**		mg/Kg	0.96	0.96	313453	05/09/23	05/09/23	THP
Zinc	**40**		mg/Kg	4.8	0.96	313453	05/09/23	05/09/23	THP
Method: EPA 7471A Prep Method: METHOD									
Mercury	ND		mg/Kg	0.16	1.1	313481	05/09/23	05/10/23	KAM
Method: EPA 8015B Prep Method: EPA 5035									
TPH Gasoline	ND		mg/Kg	2.2	0.75	313667	05/11/23	05/11/23	TCN
Surrogates				**Limits**					
Bromofluorobenzene (FID)	80%		%REC	60-140	0.75	313667	05/11/23	05/11/23	TCN
Method: EPA 8015M Prep Method: EPA 3580M									
DRO C10-C28	ND		mg/Kg	20	2	313535	05/09/23	05/10/23	BJG
ORO C28-C44	**100**		mg/Kg	40	2	313535	05/09/23	05/10/23	BJG
Surrogates				**Limits**					
n-Triacontane	94%		%REC	70-130	2	313535	05/09/23	05/10/23	BJG
Method: EPA 8081A Prep Method: EPA 3546									
alpha-BHC	ND		ug/Kg	25	4.9	313470	05/09/23	05/09/23	TRN
beta-BHC	ND		ug/Kg	25	4.9	313470	05/09/23	05/09/23	TRN

Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

Analysis Results for 484652

484652-001 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
gamma-BHC	ND		ug/Kg	25	4.9	313470	05/09/23	05/09/23	TRN
delta-BHC	ND		ug/Kg	25	4.9	313470	05/09/23	05/09/23	TRN
Heptachlor	ND		ug/Kg	25	4.9	313470	05/09/23	05/09/23	TRN
Aldrin	ND		ug/Kg	25	4.9	313470	05/09/23	05/09/23	TRN
Heptachlor epoxide	ND		ug/Kg	25	4.9	313470	05/09/23	05/09/23	TRN
Endosulfan I	ND		ug/Kg	25	4.9	313470	05/09/23	05/09/23	TRN
Dieldrin	ND		ug/Kg	25	4.9	313470	05/09/23	05/09/23	TRN
4,4'-DDE	ND		ug/Kg	25	4.9	313470	05/09/23	05/09/23	TRN
Endrin	ND		ug/Kg	25	4.9	313470	05/09/23	05/09/23	TRN
Endosulfan II	ND		ug/Kg	25	4.9	313470	05/09/23	05/09/23	TRN
Endosulfan sulfate	ND		ug/Kg	25	4.9	313470	05/09/23	05/09/23	TRN
4,4'-DDD	ND		ug/Kg	25	4.9	313470	05/09/23	05/09/23	TRN
Endrin aldehyde	ND		ug/Kg	25	4.9	313470	05/09/23	05/09/23	TRN
Endrin ketone	ND		ug/Kg	25	4.9	313470	05/09/23	05/09/23	TRN
4,4'-DDT	ND		ug/Kg	25	4.9	313470	05/09/23	05/09/23	TRN
Methoxychlor	ND		ug/Kg	49	4.9	313470	05/09/23	05/09/23	TRN
Toxaphene	ND		ug/Kg	490	4.9	313470	05/09/23	05/09/23	TRN
Chlordane (Technical)	ND		ug/Kg	250	4.9	313470	05/09/23	05/09/23	TRN
Surrogates				**Limits**					
TCMX	107%		%REC	23-120	4.9	313470	05/09/23	05/09/23	TRN
Decachlorobiphenyl	119%		%REC	24-120	4.9	313470	05/09/23	05/09/23	TRN
Method: EPA 8082 Prep Method: EPA 3546									
Aroclor-1016	ND		ug/Kg	49	0.99	313470	05/09/23	05/09/23	TRN
Aroclor-1221	ND		ug/Kg	49	0.99	313470	05/09/23	05/09/23	TRN
Aroclor-1232	ND		ug/Kg	49	0.99	313470	05/09/23	05/09/23	TRN
Aroclor-1242	ND		ug/Kg	49	0.99	313470	05/09/23	05/09/23	TRN
Aroclor-1248	ND		ug/Kg	49	0.99	313470	05/09/23	05/09/23	TRN
Aroclor-1254	ND		ug/Kg	49	0.99	313470	05/09/23	05/09/23	TRN
Aroclor-1260	ND		ug/Kg	49	0.99	313470	05/09/23	05/09/23	TRN
Surrogates				**Limits**					
Decachlorobiphenyl (PCB)	117%		%REC	19-121	0.99	313470	05/09/23	05/09/23	TRN
Method: EPA 8260B Prep Method: EPA 5035									
Freon 12	ND		ug/Kg	4.5	0.89	313378	05/07/23	05/07/23	EJB
Chloromethane	ND		ug/Kg	4.5	0.89	313378	05/07/23	05/07/23	EJB
Vinyl Chloride	ND		ug/Kg	4.5	0.89	313378	05/07/23	05/07/23	EJB
Bromomethane	ND		ug/Kg	4.5	0.89	313378	05/07/23	05/07/23	EJB
Chloroethane	ND		ug/Kg	4.5	0.89	313378	05/07/23	05/07/23	EJB
Trichlorofluoromethane	ND		ug/Kg	4.5	0.89	313378	05/07/23	05/07/23	EJB
Acetone	ND		ug/Kg	89	0.89	313378	05/07/23	05/07/23	EJB
Freon 113	ND		ug/Kg	4.5	0.89	313378	05/07/23	05/07/23	EJB
1,1-Dichloroethene	ND		ug/Kg	4.5	0.89	313378	05/07/23	05/07/23	EJB
Methylene Chloride	ND		ug/Kg	4.5	0.89	313378	05/07/23	05/07/23	EJB
MTBE	ND		ug/Kg	4.5	0.89	313378	05/07/23	05/07/23	EJB
trans-1,2-Dichloroethene	ND		ug/Kg	4.5	0.89	313378	05/07/23	05/07/23	EJB

Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

Analysis Results for 484652

484652-001 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
1,1-Dichloroethane	ND		ug/Kg	4.5	0.89	313378	05/07/23	05/07/23	EJB
2-Butanone	ND		ug/Kg	89	0.89	313378	05/07/23	05/07/23	EJB
cis-1,2-Dichloroethene	ND		ug/Kg	4.5	0.89	313378	05/07/23	05/07/23	EJB
2,2-Dichloropropane	ND		ug/Kg	4.5	0.89	313378	05/07/23	05/07/23	EJB
Chloroform	ND		ug/Kg	4.5	0.89	313378	05/07/23	05/07/23	EJB
Bromochloromethane	ND		ug/Kg	4.5	0.89	313378	05/07/23	05/07/23	EJB
1,1,1-Trichloroethane	ND		ug/Kg	4.5	0.89	313378	05/07/23	05/07/23	EJB
1,1-Dichloropropene	ND		ug/Kg	4.5	0.89	313378	05/07/23	05/07/23	EJB
Carbon Tetrachloride	ND		ug/Kg	4.5	0.89	313378	05/07/23	05/07/23	EJB
1,2-Dichloroethane	ND		ug/Kg	4.5	0.89	313378	05/07/23	05/07/23	EJB
Benzene	ND		ug/Kg	4.5	0.89	313378	05/07/23	05/07/23	EJB
Trichloroethene	ND		ug/Kg	4.5	0.89	313378	05/07/23	05/07/23	EJB
1,2-Dichloropropane	ND		ug/Kg	4.5	0.89	313378	05/07/23	05/07/23	EJB
Bromodichloromethane	ND		ug/Kg	4.5	0.89	313378	05/07/23	05/07/23	EJB
Dibromomethane	ND		ug/Kg	4.5	0.89	313378	05/07/23	05/07/23	EJB
4-Methyl-2-Pentanone	ND		ug/Kg	4.5	0.89	313378	05/07/23	05/07/23	EJB
cis-1,3-Dichloropropene	ND		ug/Kg	4.5	0.89	313378	05/07/23	05/07/23	EJB
Toluene	ND		ug/Kg	4.5	0.89	313378	05/07/23	05/07/23	EJB
trans-1,3-Dichloropropene	ND		ug/Kg	4.5	0.89	313378	05/07/23	05/07/23	EJB
1,1,2-Trichloroethane	ND		ug/Kg	4.5	0.89	313378	05/07/23	05/07/23	EJB
1,3-Dichloropropane	ND		ug/Kg	4.5	0.89	313378	05/07/23	05/07/23	EJB
Tetrachloroethene	ND		ug/Kg	4.5	0.89	313378	05/07/23	05/07/23	EJB
Dibromochloromethane	ND		ug/Kg	4.5	0.89	313378	05/07/23	05/07/23	EJB
1,2-Dibromoethane	ND		ug/Kg	4.5	0.89	313378	05/07/23	05/07/23	EJB
Chlorobenzene	ND		ug/Kg	4.5	0.89	313378	05/07/23	05/07/23	EJB
1,1,1,2-Tetrachloroethane	ND		ug/Kg	4.5	0.89	313378	05/07/23	05/07/23	EJB
Ethylbenzene	ND		ug/Kg	4.5	0.89	313378	05/07/23	05/07/23	EJB
m,p-Xylenes	ND		ug/Kg	8.9	0.89	313378	05/07/23	05/07/23	EJB
o-Xylene	ND		ug/Kg	4.5	0.89	313378	05/07/23	05/07/23	EJB
Styrene	ND		ug/Kg	4.5	0.89	313378	05/07/23	05/07/23	EJB
Bromoform	ND		ug/Kg	4.5	0.89	313378	05/07/23	05/07/23	EJB
Isopropylbenzene	ND		ug/Kg	4.5	0.89	313378	05/07/23	05/07/23	EJB
1,1,2,2-Tetrachloroethane	ND		ug/Kg	4.5	0.89	313378	05/07/23	05/07/23	EJB
1,2,3-Trichloropropane	ND		ug/Kg	4.5	0.89	313378	05/07/23	05/07/23	EJB
Propylbenzene	ND		ug/Kg	4.5	0.89	313378	05/07/23	05/07/23	EJB
Bromobenzene	ND		ug/Kg	4.5	0.89	313378	05/07/23	05/07/23	EJB
1,3,5-Trimethylbenzene	ND		ug/Kg	4.5	0.89	313378	05/07/23	05/07/23	EJB
2-Chlorotoluene	ND		ug/Kg	4.5	0.89	313378	05/07/23	05/07/23	EJB
4-Chlorotoluene	ND		ug/Kg	4.5	0.89	313378	05/07/23	05/07/23	EJB
tert-Butylbenzene	ND		ug/Kg	4.5	0.89	313378	05/07/23	05/07/23	EJB
1,2,4-Trimethylbenzene	ND		ug/Kg	4.5	0.89	313378	05/07/23	05/07/23	EJB
sec-Butylbenzene	ND		ug/Kg	4.5	0.89	313378	05/07/23	05/07/23	EJB
para-Isopropyl Toluene	ND		ug/Kg	4.5	0.89	313378	05/07/23	05/07/23	EJB
1,3-Dichlorobenzene	ND		ug/Kg	4.5	0.89	313378	05/07/23	05/07/23	EJB
1,4-Dichlorobenzene	ND		ug/Kg	4.5	0.89	313378	05/07/23	05/07/23	EJB
n-Butylbenzene	ND		ug/Kg	4.5	0.89	313378	05/07/23	05/07/23	EJB

Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

Analysis Results for 484652

484652-001 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
1,2-Dichlorobenzene	ND		ug/Kg	4.5	0.89	313378	05/07/23	05/07/23	EJB
1,2-Dibromo-3-Chloropropane	ND		ug/Kg	4.5	0.89	313378	05/07/23	05/07/23	EJB
1,2,4-Trichlorobenzene	ND		ug/Kg	4.5	0.89	313378	05/07/23	05/07/23	EJB
Hexachlorobutadiene	ND		ug/Kg	4.5	0.89	313378	05/07/23	05/07/23	EJB
Naphthalene	ND		ug/Kg	4.5	0.89	313378	05/07/23	05/07/23	EJB
1,2,3-Trichlorobenzene	ND		ug/Kg	4.5	0.89	313378	05/07/23	05/07/23	EJB
Surrogates				**Limits**					
Dibromofluoromethane	100%		%REC	70-145	0.89	313378	05/07/23	05/07/23	EJB
1,2-Dichloroethane-d4	101%		%REC	70-145	0.89	313378	05/07/23	05/07/23	EJB
Toluene-d8	99%		%REC	70-145	0.89	313378	05/07/23	05/07/23	EJB
Bromofluorobenzene	102%		%REC	70-145	0.89	313378	05/07/23	05/07/23	EJB
Method: EPA 8270C Prep Method: EPA 3546									
Carbazole	ND		ug/Kg	250	1	313474	05/09/23	05/09/23	TJW
1-Methylnaphthalene	ND		ug/Kg	250	1	313474	05/09/23	05/09/23	TJW
Pyridine	ND		ug/Kg	250	1	313474	05/09/23	05/09/23	TJW
N-Nitrosodimethylamine	ND		ug/Kg	250	1	313474	05/09/23	05/09/23	TJW
Phenol	ND		ug/Kg	250	1	313474	05/09/23	05/09/23	TJW
Aniline	ND		ug/Kg	250	1	313474	05/09/23	05/09/23	TJW
bis(2-Chloroethyl)ether	ND		ug/Kg	1,200	1	313474	05/09/23	05/09/23	TJW
2-Chlorophenol	ND		ug/Kg	250	1	313474	05/09/23	05/09/23	TJW
1,3-Dichlorobenzene	ND		ug/Kg	250	1	313474	05/09/23	05/09/23	TJW
1,4-Dichlorobenzene	ND		ug/Kg	250	1	313474	05/09/23	05/09/23	TJW
Benzyl alcohol	ND		ug/Kg	250	1	313474	05/09/23	05/09/23	TJW
1,2-Dichlorobenzene	ND		ug/Kg	250	1	313474	05/09/23	05/09/23	TJW
2-Methylphenol	ND		ug/Kg	250	1	313474	05/09/23	05/09/23	TJW
bis(2-Chloroisopropyl) ether	ND		ug/Kg	250	1	313474	05/09/23	05/09/23	TJW
3-,4-Methylphenol	ND		ug/Kg	400	1	313474	05/09/23	05/09/23	TJW
N-Nitroso-di-n-propylamine	ND		ug/Kg	250	1	313474	05/09/23	05/09/23	TJW
Hexachloroethane	ND		ug/Kg	250	1	313474	05/09/23	05/09/23	TJW
Nitrobenzene	ND		ug/Kg	1,200	1	313474	05/09/23	05/09/23	TJW
Isophorone	ND		ug/Kg	250	1	313474	05/09/23	05/09/23	TJW
2-Nitrophenol	ND		ug/Kg	250	1	313474	05/09/23	05/09/23	TJW
2,4-Dimethylphenol	ND		ug/Kg	250	1	313474	05/09/23	05/09/23	TJW
Benzoic acid	ND		ug/Kg	1,200	1	313474	05/09/23	05/09/23	TJW
bis(2-Chloroethoxy)methane	ND		ug/Kg	250	1	313474	05/09/23	05/09/23	TJW
2,4-Dichlorophenol	ND		ug/Kg	250	1	313474	05/09/23	05/09/23	TJW
1,2,4-Trichlorobenzene	ND		ug/Kg	250	1	313474	05/09/23	05/09/23	TJW
Naphthalene	ND		ug/Kg	250	1	313474	05/09/23	05/09/23	TJW
4-Chloroaniline	ND		ug/Kg	250	1	313474	05/09/23	05/09/23	TJW
Hexachlorobutadiene	ND		ug/Kg	250	1	313474	05/09/23	05/09/23	TJW
4-Chloro-3-methylphenol	ND		ug/Kg	250	1	313474	05/09/23	05/09/23	TJW
2-Methylnaphthalene	ND		ug/Kg	250	1	313474	05/09/23	05/09/23	TJW
Hexachlorocyclopentadiene	ND		ug/Kg	1,200	1	313474	05/09/23	05/09/23	TJW
2,4,6-Trichlorophenol	ND		ug/Kg	250	1	313474	05/09/23	05/09/23	TJW
2,4,5-Trichlorophenol	ND		ug/Kg	250	1	313474	05/09/23	05/09/23	TJW

Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

Analysis Results for 484652

484652-001 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
2-Chloronaphthalene	ND		ug/Kg	250	1	313474	05/09/23	05/09/23	TJW
2-Nitroaniline	ND		ug/Kg	250	1	313474	05/09/23	05/09/23	TJW
Dimethylphthalate	ND		ug/Kg	250	1	313474	05/09/23	05/09/23	TJW
Acenaphthylene	ND		ug/Kg	250	1	313474	05/09/23	05/09/23	TJW
2,6-Dinitrotoluene	ND		ug/Kg	250	1	313474	05/09/23	05/09/23	TJW
3-Nitroaniline	ND		ug/Kg	250	1	313474	05/09/23	05/09/23	TJW
Acenaphthene	ND		ug/Kg	250	1	313474	05/09/23	05/09/23	TJW
2,4-Dinitrophenol	ND		ug/Kg	1,200	1	313474	05/09/23	05/09/23	TJW
4-Nitrophenol	ND		ug/Kg	250	1	313474	05/09/23	05/09/23	TJW
Dibenzofuran	ND		ug/Kg	250	1	313474	05/09/23	05/09/23	TJW
2,4-Dinitrotoluene	ND		ug/Kg	250	1	313474	05/09/23	05/09/23	TJW
Diethylphthalate	ND		ug/Kg	250	1	313474	05/09/23	05/09/23	TJW
Fluorene	ND		ug/Kg	250	1	313474	05/09/23	05/09/23	TJW
4-Chlorophenyl-phenylether	ND		ug/Kg	250	1	313474	05/09/23	05/09/23	TJW
4-Nitroaniline	ND		ug/Kg	250	1	313474	05/09/23	05/09/23	TJW
4,6-Dinitro-2-methylphenol	ND		ug/Kg	250	1	313474	05/09/23	05/09/23	TJW
N-Nitrosodiphenylamine	ND		ug/Kg	250	1	313474	05/09/23	05/09/23	TJW
1,2-diphenylhydrazine (as azobenzene)	ND		ug/Kg	250	1	313474	05/09/23	05/09/23	TJW
4-Bromophenyl-phenylether	ND		ug/Kg	250	1	313474	05/09/23	05/09/23	TJW
Hexachlorobenzene	ND		ug/Kg	250	1	313474	05/09/23	05/09/23	TJW
Pentachlorophenol	ND		ug/Kg	1,200	1	313474	05/09/23	05/09/23	TJW
Phenanthrene	ND		ug/Kg	250	1	313474	05/09/23	05/09/23	TJW
Anthracene	ND		ug/Kg	250	1	313474	05/09/23	05/09/23	TJW
Di-n-butylphthalate	ND		ug/Kg	250	1	313474	05/09/23	05/09/23	TJW
Fluoranthene	ND		ug/Kg	250	1	313474	05/09/23	05/09/23	TJW
Benzidine	ND		ug/Kg	1,200	1	313474	05/09/23	05/09/23	TJW
Pyrene	ND		ug/Kg	250	1	313474	05/09/23	05/09/23	TJW
Butylbenzylphthalate	ND		ug/Kg	250	1	313474	05/09/23	05/09/23	TJW
3,3'-Dichlorobenzidine	ND		ug/Kg	1,200	1	313474	05/09/23	05/09/23	TJW
Benzo(a)anthracene	ND		ug/Kg	250	1	313474	05/09/23	05/09/23	TJW
Chrysene	ND		ug/Kg	250	1	313474	05/09/23	05/09/23	TJW
bis(2-Ethylhexyl)phthalate	ND		ug/Kg	250	1	313474	05/09/23	05/09/23	TJW
Di-n-octylphthalate	ND		ug/Kg	250	1	313474	05/09/23	05/09/23	TJW
Benzo(b)fluoranthene	ND		ug/Kg	250	1	313474	05/09/23	05/09/23	TJW
Benzo(k)fluoranthene	ND		ug/Kg	250	1	313474	05/09/23	05/09/23	TJW
Benzo(a)pyrene	ND		ug/Kg	250	1	313474	05/09/23	05/09/23	TJW
Indeno(1,2,3-cd)pyrene	ND		ug/Kg	250	1	313474	05/09/23	05/09/23	TJW
Dibenz(a,h)anthracene	ND		ug/Kg	250	1	313474	05/09/23	05/09/23	TJW
Benzo(g,h,i)perylene	ND		ug/Kg	250	1	313474	05/09/23	05/09/23	TJW
Surrogates				**Limits**					
2-Fluorophenol	83%		%REC	29-120	1	313474	05/09/23	05/09/23	TJW
Phenol-d6	82%		%REC	30-120	1	313474	05/09/23	05/09/23	TJW
2,4,6-Tribromophenol	84%		%REC	32-120	1	313474	05/09/23	05/09/23	TJW
Nitrobenzene-d5	81%		%REC	33-120	1	313474	05/09/23	05/09/23	TJW
2-Fluorobiphenyl	76%		%REC	39-120	1	313474	05/09/23	05/09/23	TJW
Terphenyl-d14	72%		%REC	44-125	1	313474	05/09/23	05/09/23	TJW

Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

Analysis Results for 484652

Sample ID: F-21-10	Lab ID: 484652-003	Collected: 05/04/23 08:27
	Matrix: Soil	

484652-003 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 6010B Prep Method: EPA 3050B									
Antimony	ND		mg/Kg	2.9	0.95	313453	05/09/23	05/09/23	THP
Arsenic	**1.9**		mg/Kg	0.95	0.95	313453	05/09/23	05/09/23	THP
Barium	**120**		mg/Kg	0.95	0.95	313453	05/09/23	05/09/23	THP
Beryllium	ND		mg/Kg	0.48	0.95	313453	05/09/23	05/09/23	THP
Cadmium	ND		mg/Kg	0.48	0.95	313453	05/09/23	05/09/23	THP
Chromium	**19**		mg/Kg	0.95	0.95	313453	05/09/23	05/09/23	THP
Cobalt	**8.2**		mg/Kg	0.48	0.95	313453	05/09/23	05/09/23	THP
Copper	**41**		mg/Kg	0.95	0.95	313453	05/09/23	05/10/23	THP
Lead	**3.9**		mg/Kg	0.95	0.95	313453	05/09/23	05/09/23	THP
Molybdenum	**1.0**		mg/Kg	0.95	0.95	313453	05/09/23	05/09/23	THP
Nickel	**22**		mg/Kg	0.95	0.95	313453	05/09/23	05/09/23	THP
Selenium	ND		mg/Kg	2.9	0.95	313453	05/09/23	05/09/23	THP
Silicon	**240**		mg/Kg	97	0.97	314277	05/18/23	05/18/23	SBW
Silver	ND		mg/Kg	0.48	0.95	313453	05/09/23	05/09/23	THP
Thallium	ND		mg/Kg	2.9	0.95	313453	05/09/23	05/09/23	THP
Vanadium	**56**		mg/Kg	0.95	0.95	313453	05/09/23	05/09/23	THP
Zinc	**33**		mg/Kg	4.8	0.95	313453	05/09/23	05/09/23	THP
Method: EPA 7471A Prep Method: METHOD									
Mercury	ND		mg/Kg	0.14	1	313481	05/09/23	05/10/23	KAM
Method: EPA 9045C									
pH	**8.65**		SU		1	314109	05/16/23	05/16/23	LVL
Temperature	**23.20**		deg C	1.00	1	314109	05/16/23	05/16/23	LVL

Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

Analysis Results for 484652

Sample ID: F-21-20	Lab ID: 484652-005	Collected: 05/04/23 08:56
	Matrix: Soil	

484652-005 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 6010B Prep Method: EPA 3050B									
Antimony	ND		mg/Kg	2.9	0.95	313453	05/09/23	05/09/23	THP
Arsenic	**3.0**		mg/Kg	0.95	0.95	313453	05/09/23	05/09/23	THP
Barium	**22**		mg/Kg	0.95	0.95	313453	05/09/23	05/09/23	THP
Beryllium	ND		mg/Kg	0.48	0.95	313453	05/09/23	05/09/23	THP
Cadmium	ND		mg/Kg	0.48	0.95	313453	05/09/23	05/09/23	THP
Chromium	**44**		mg/Kg	0.95	0.95	313453	05/09/23	05/09/23	THP
Cobalt	**4.9**		mg/Kg	0.48	0.95	313453	05/09/23	05/09/23	THP
Copper	**4.9**		mg/Kg	0.95	0.95	313453	05/09/23	05/10/23	THP
Lead	**9.4**		mg/Kg	0.95	0.95	313453	05/09/23	05/09/23	THP
Molybdenum	ND		mg/Kg	0.95	0.95	313453	05/09/23	05/09/23	THP
Nickel	**24**		mg/Kg	0.95	0.95	313453	05/09/23	05/09/23	THP
Selenium	ND		mg/Kg	2.9	0.95	313453	05/09/23	05/09/23	THP
Silicon	**320**		mg/Kg	98	0.98	314277	05/18/23	05/18/23	SBW
Silver	ND		mg/Kg	0.48	0.95	313453	05/09/23	05/09/23	THP
Thallium	ND		mg/Kg	2.9	0.95	313453	05/09/23	05/09/23	THP
Vanadium	**37**		mg/Kg	0.95	0.95	313453	05/09/23	05/09/23	THP
Zinc	**24**		mg/Kg	4.8	0.95	313453	05/09/23	05/09/23	THP
Method: EPA 7471A Prep Method: METHOD									
Mercury	ND		mg/Kg	0.15	1.1	313481	05/09/23	05/10/23	KAM
Method: EPA 8015B Prep Method: EPA 5035									
TPH Gasoline	ND		mg/Kg	2.5	0.85	313667	05/11/23	05/11/23	TCN
Surrogates				**Limits**					
Bromofluorobenzene (FID)	84%		%REC	60-140	0.85	313667	05/11/23	05/11/23	TCN
Method: EPA 8015M Prep Method: EPA 3580M									
DRO C10-C28	**13**		mg/Kg	10	1	313535	05/09/23	05/10/23	BJG
ORO C28-C44	**79**		mg/Kg	20	1	313535	05/09/23	05/10/23	BJG
Surrogates				**Limits**					
n-Triacontane	95%		%REC	70-130	1	313535	05/09/23	05/10/23	BJG
Method: EPA 8260B Prep Method: EPA 5035									
Freon 12	ND		ug/Kg	4.3	0.85	313378	05/07/23	05/07/23	EJB
Chloromethane	ND		ug/Kg	4.3	0.85	313378	05/07/23	05/07/23	EJB
Vinyl Chloride	ND		ug/Kg	4.3	0.85	313378	05/07/23	05/07/23	EJB
Bromomethane	ND		ug/Kg	4.3	0.85	313378	05/07/23	05/07/23	EJB
Chloroethane	ND		ug/Kg	4.3	0.85	313378	05/07/23	05/07/23	EJB
Trichlorofluoromethane	ND		ug/Kg	4.3	0.85	313378	05/07/23	05/07/23	EJB
Acetone	ND		ug/Kg	85	0.85	313378	05/07/23	05/07/23	EJB

Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

Analysis Results for 484652

484652-005 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Freon 113	ND		ug/Kg	4.3	0.85	313378	05/07/23	05/07/23	EJB
1,1-Dichloroethene	ND		ug/Kg	4.3	0.85	313378	05/07/23	05/07/23	EJB
Methylene Chloride	ND		ug/Kg	4.3	0.85	313378	05/07/23	05/07/23	EJB
MTBE	ND		ug/Kg	4.3	0.85	313378	05/07/23	05/07/23	EJB
trans-1,2-Dichloroethene	ND		ug/Kg	4.3	0.85	313378	05/07/23	05/07/23	EJB
1,1-Dichloroethane	ND		ug/Kg	4.3	0.85	313378	05/07/23	05/07/23	EJB
2-Butanone	ND		ug/Kg	85	0.85	313378	05/07/23	05/07/23	EJB
cis-1,2-Dichloroethene	ND		ug/Kg	4.3	0.85	313378	05/07/23	05/07/23	EJB
2,2-Dichloropropane	ND		ug/Kg	4.3	0.85	313378	05/07/23	05/07/23	EJB
Chloroform	ND		ug/Kg	4.3	0.85	313378	05/07/23	05/07/23	EJB
Bromochloromethane	ND		ug/Kg	4.3	0.85	313378	05/07/23	05/07/23	EJB
1,1,1-Trichloroethane	ND		ug/Kg	4.3	0.85	313378	05/07/23	05/07/23	EJB
1,1-Dichloropropene	ND		ug/Kg	4.3	0.85	313378	05/07/23	05/07/23	EJB
Carbon Tetrachloride	ND		ug/Kg	4.3	0.85	313378	05/07/23	05/07/23	EJB
1,2-Dichloroethane	ND		ug/Kg	4.3	0.85	313378	05/07/23	05/07/23	EJB
Benzene	ND		ug/Kg	4.3	0.85	313378	05/07/23	05/07/23	EJB
Trichloroethene	ND		ug/Kg	4.3	0.85	313378	05/07/23	05/07/23	EJB
1,2-Dichloropropane	ND		ug/Kg	4.3	0.85	313378	05/07/23	05/07/23	EJB
Bromodichloromethane	ND		ug/Kg	4.3	0.85	313378	05/07/23	05/07/23	EJB
Dibromomethane	ND		ug/Kg	4.3	0.85	313378	05/07/23	05/07/23	EJB
4-Methyl-2-Pentanone	ND		ug/Kg	4.3	0.85	313378	05/07/23	05/07/23	EJB
cis-1,3-Dichloropropene	ND		ug/Kg	4.3	0.85	313378	05/07/23	05/07/23	EJB
Toluene	ND		ug/Kg	4.3	0.85	313378	05/07/23	05/07/23	EJB
trans-1,3-Dichloropropene	ND		ug/Kg	4.3	0.85	313378	05/07/23	05/07/23	EJB
1,1,2-Trichloroethane	ND		ug/Kg	4.3	0.85	313378	05/07/23	05/07/23	EJB
1,3-Dichloropropane	ND		ug/Kg	4.3	0.85	313378	05/07/23	05/07/23	EJB
Tetrachloroethene	ND		ug/Kg	4.3	0.85	313378	05/07/23	05/07/23	EJB
Dibromochloromethane	ND		ug/Kg	4.3	0.85	313378	05/07/23	05/07/23	EJB
1,2-Dibromoethane	ND		ug/Kg	4.3	0.85	313378	05/07/23	05/07/23	EJB
Chlorobenzene	ND		ug/Kg	4.3	0.85	313378	05/07/23	05/07/23	EJB
1,1,1,2-Tetrachloroethane	ND		ug/Kg	4.3	0.85	313378	05/07/23	05/07/23	EJB
Ethylbenzene	ND		ug/Kg	4.3	0.85	313378	05/07/23	05/07/23	EJB
m,p-Xylenes	ND		ug/Kg	8.5	0.85	313378	05/07/23	05/07/23	EJB
o-Xylene	ND		ug/Kg	4.3	0.85	313378	05/07/23	05/07/23	EJB
Styrene	ND		ug/Kg	4.3	0.85	313378	05/07/23	05/07/23	EJB
Bromoform	ND		ug/Kg	4.3	0.85	313378	05/07/23	05/07/23	EJB
Isopropylbenzene	ND		ug/Kg	4.3	0.85	313378	05/07/23	05/07/23	EJB
1,1,2,2-Tetrachloroethane	ND		ug/Kg	4.3	0.85	313378	05/07/23	05/07/23	EJB
1,2,3-Trichloropropane	ND		ug/Kg	4.3	0.85	313378	05/07/23	05/07/23	EJB
Propylbenzene	ND		ug/Kg	4.3	0.85	313378	05/07/23	05/07/23	EJB
Bromobenzene	ND		ug/Kg	4.3	0.85	313378	05/07/23	05/07/23	EJB
1,3,5-Trimethylbenzene	ND		ug/Kg	4.3	0.85	313378	05/07/23	05/07/23	EJB
2-Chlorotoluene	ND		ug/Kg	4.3	0.85	313378	05/07/23	05/07/23	EJB
4-Chlorotoluene	ND		ug/Kg	4.3	0.85	313378	05/07/23	05/07/23	EJB
tert-Butylbenzene	ND		ug/Kg	4.3	0.85	313378	05/07/23	05/07/23	EJB
1,2,4-Trimethylbenzene	ND		ug/Kg	4.3	0.85	313378	05/07/23	05/07/23	EJB

Results for any subcontracted analyses are not included in this section.

Analysis Results for 484652

484652-005 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
sec-Butylbenzene	ND		ug/Kg	4.3	0.85	313378	05/07/23	05/07/23	EJB
para-Isopropyl Toluene	ND		ug/Kg	4.3	0.85	313378	05/07/23	05/07/23	EJB
1,3-Dichlorobenzene	ND		ug/Kg	4.3	0.85	313378	05/07/23	05/07/23	EJB
1,4-Dichlorobenzene	ND		ug/Kg	4.3	0.85	313378	05/07/23	05/07/23	EJB
n-Butylbenzene	ND		ug/Kg	4.3	0.85	313378	05/07/23	05/07/23	EJB
1,2-Dichlorobenzene	ND		ug/Kg	4.3	0.85	313378	05/07/23	05/07/23	EJB
1,2-Dibromo-3-Chloropropane	ND		ug/Kg	4.3	0.85	313378	05/07/23	05/07/23	EJB
1,2,4-Trichlorobenzene	ND		ug/Kg	4.3	0.85	313378	05/07/23	05/07/23	EJB
Hexachlorobutadiene	ND		ug/Kg	4.3	0.85	313378	05/07/23	05/07/23	EJB
Naphthalene	ND		ug/Kg	4.3	0.85	313378	05/07/23	05/07/23	EJB
1,2,3-Trichlorobenzene	ND		ug/Kg	4.3	0.85	313378	05/07/23	05/07/23	EJB
Surrogates				**Limits**					
Dibromofluoromethane	101%		%REC	70-145	0.85	313378	05/07/23	05/07/23	EJB
1,2-Dichloroethane-d4	100%		%REC	70-145	0.85	313378	05/07/23	05/07/23	EJB
Toluene-d8	99%		%REC	70-145	0.85	313378	05/07/23	05/07/23	EJB
Bromofluorobenzene	100%		%REC	70-145	0.85	313378	05/07/23	05/07/23	EJB
Method: EPA 8270C Prep Method: EPA 3546									
Carbazole	ND		ug/Kg	1,200	5	313474	05/09/23	05/09/23	TJW
1-Methylnaphthalene	ND		ug/Kg	1,200	5	313474	05/09/23	05/09/23	TJW
Pyridine	ND		ug/Kg	1,200	5	313474	05/09/23	05/09/23	TJW
N-Nitrosodimethylamine	ND		ug/Kg	1,200	5	313474	05/09/23	05/09/23	TJW
Phenol	ND		ug/Kg	1,200	5	313474	05/09/23	05/09/23	TJW
Aniline	ND		ug/Kg	1,200	5	313474	05/09/23	05/09/23	TJW
bis(2-Chloroethyl)ether	ND		ug/Kg	6,000	5	313474	05/09/23	05/09/23	TJW
2-Chlorophenol	ND		ug/Kg	1,200	5	313474	05/09/23	05/09/23	TJW
1,3-Dichlorobenzene	ND		ug/Kg	1,200	5	313474	05/09/23	05/09/23	TJW
1,4-Dichlorobenzene	ND		ug/Kg	1,200	5	313474	05/09/23	05/09/23	TJW
Benzyl alcohol	ND		ug/Kg	1,200	5	313474	05/09/23	05/09/23	TJW
1,2-Dichlorobenzene	ND		ug/Kg	1,200	5	313474	05/09/23	05/09/23	TJW
2-Methylphenol	ND		ug/Kg	1,200	5	313474	05/09/23	05/09/23	TJW
bis(2-Chloroisopropyl) ether	ND		ug/Kg	1,200	5	313474	05/09/23	05/09/23	TJW
3-,4-Methylphenol	ND		ug/Kg	2,000	5	313474	05/09/23	05/09/23	TJW
N-Nitroso-di-n-propylamine	ND		ug/Kg	1,200	5	313474	05/09/23	05/09/23	TJW
Hexachloroethane	ND		ug/Kg	1,200	5	313474	05/09/23	05/09/23	TJW
Nitrobenzene	ND		ug/Kg	6,000	5	313474	05/09/23	05/09/23	TJW
Isophorone	ND		ug/Kg	1,200	5	313474	05/09/23	05/09/23	TJW
2-Nitrophenol	ND		ug/Kg	1,200	5	313474	05/09/23	05/09/23	TJW
2,4-Dimethylphenol	ND		ug/Kg	1,200	5	313474	05/09/23	05/09/23	TJW
Benzoic acid	ND		ug/Kg	6,000	5	313474	05/09/23	05/09/23	TJW
bis(2-Chloroethoxy)methane	ND		ug/Kg	1,200	5	313474	05/09/23	05/09/23	TJW
2,4-Dichlorophenol	ND		ug/Kg	1,200	5	313474	05/09/23	05/09/23	TJW
1,2,4-Trichlorobenzene	ND		ug/Kg	1,200	5	313474	05/09/23	05/09/23	TJW
Naphthalene	ND		ug/Kg	1,200	5	313474	05/09/23	05/09/23	TJW
4-Chloroaniline	ND		ug/Kg	1,200	5	313474	05/09/23	05/09/23	TJW
Hexachlorobutadiene	ND		ug/Kg	1,200	5	313474	05/09/23	05/09/23	TJW

Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

Analysis Results for 484652

484652-005 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
4-Chloro-3-methylphenol	ND		ug/Kg	1,200	5	313474	05/09/23	05/09/23	TJW
2-Methylnaphthalene	ND		ug/Kg	1,200	5	313474	05/09/23	05/09/23	TJW
Hexachlorocyclopentadiene	ND		ug/Kg	6,000	5	313474	05/09/23	05/09/23	TJW
2,4,6-Trichlorophenol	ND		ug/Kg	1,200	5	313474	05/09/23	05/09/23	TJW
2,4,5-Trichlorophenol	ND		ug/Kg	1,200	5	313474	05/09/23	05/09/23	TJW
2-Chloronaphthalene	ND		ug/Kg	1,200	5	313474	05/09/23	05/09/23	TJW
2-Nitroaniline	ND		ug/Kg	1,200	5	313474	05/09/23	05/09/23	TJW
Dimethylphthalate	ND		ug/Kg	1,200	5	313474	05/09/23	05/09/23	TJW
Acenaphthylene	ND		ug/Kg	1,200	5	313474	05/09/23	05/09/23	TJW
2,6-Dinitrotoluene	ND		ug/Kg	1,200	5	313474	05/09/23	05/09/23	TJW
3-Nitroaniline	ND		ug/Kg	1,200	5	313474	05/09/23	05/09/23	TJW
Acenaphthene	ND		ug/Kg	1,200	5	313474	05/09/23	05/09/23	TJW
2,4-Dinitrophenol	ND		ug/Kg	6,000	5	313474	05/09/23	05/09/23	TJW
4-Nitrophenol	ND		ug/Kg	1,200	5	313474	05/09/23	05/09/23	TJW
Dibenzofuran	ND		ug/Kg	1,200	5	313474	05/09/23	05/09/23	TJW
2,4-Dinitrotoluene	ND		ug/Kg	1,200	5	313474	05/09/23	05/09/23	TJW
Diethylphthalate	ND		ug/Kg	1,200	5	313474	05/09/23	05/09/23	TJW
Fluorene	ND		ug/Kg	1,200	5	313474	05/09/23	05/09/23	TJW
4-Chlorophenyl-phenylether	ND		ug/Kg	1,200	5	313474	05/09/23	05/09/23	TJW
4-Nitroaniline	ND		ug/Kg	1,200	5	313474	05/09/23	05/09/23	TJW
4,6-Dinitro-2-methylphenol	ND		ug/Kg	1,200	5	313474	05/09/23	05/09/23	TJW
N-Nitrosodiphenylamine	ND		ug/Kg	1,200	5	313474	05/09/23	05/09/23	TJW
1,2-diphenylhydrazine (as azobenzene)	ND		ug/Kg	1,200	5	313474	05/09/23	05/09/23	TJW
4-Bromophenyl-phenylether	ND		ug/Kg	1,200	5	313474	05/09/23	05/09/23	TJW
Hexachlorobenzene	ND		ug/Kg	1,200	5	313474	05/09/23	05/09/23	TJW
Pentachlorophenol	ND		ug/Kg	6,000	5	313474	05/09/23	05/09/23	TJW
Phenanthrene	ND		ug/Kg	1,200	5	313474	05/09/23	05/09/23	TJW
Anthracene	ND		ug/Kg	1,200	5	313474	05/09/23	05/09/23	TJW
Di-n-butylphthalate	ND		ug/Kg	1,200	5	313474	05/09/23	05/09/23	TJW
Fluoranthene	ND		ug/Kg	1,200	5	313474	05/09/23	05/09/23	TJW
Benzidine	ND		ug/Kg	6,000	5	313474	05/09/23	05/09/23	TJW
Pyrene	ND		ug/Kg	1,200	5	313474	05/09/23	05/09/23	TJW
Butylbenzylphthalate	ND		ug/Kg	1,200	5	313474	05/09/23	05/09/23	TJW
3,3'-Dichlorobenzidine	ND		ug/Kg	6,000	5	313474	05/09/23	05/09/23	TJW
Benzo(a)anthracene	ND		ug/Kg	1,200	5	313474	05/09/23	05/09/23	TJW
Chrysene	ND		ug/Kg	1,200	5	313474	05/09/23	05/09/23	TJW
bis(2-Ethylhexyl)phthalate	ND		ug/Kg	1,200	5	313474	05/09/23	05/09/23	TJW
Di-n-octylphthalate	ND		ug/Kg	1,200	5	313474	05/09/23	05/09/23	TJW
Benzo(b)fluoranthene	ND		ug/Kg	1,200	5	313474	05/09/23	05/09/23	TJW
Benzo(k)fluoranthene	ND		ug/Kg	1,200	5	313474	05/09/23	05/09/23	TJW
Benzo(a)pyrene	ND		ug/Kg	1,200	5	313474	05/09/23	05/09/23	TJW
Indeno(1,2,3-cd)pyrene	ND		ug/Kg	1,200	5	313474	05/09/23	05/09/23	TJW
Dibenz(a,h)anthracene	ND		ug/Kg	1,200	5	313474	05/09/23	05/09/23	TJW
Benzo(g,h,i)perylene	ND		ug/Kg	1,200	5	313474	05/09/23	05/09/23	TJW
Surrogates				**Limits**					
2-Fluorophenol	50%		%REC	29-120	5	313474	05/09/23	05/09/23	TJW

Results for any subcontracted analyses are not included in this section.

Analysis Results for 484652

484652-005 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Phenol-d6	51%		%REC	30-120	5	313474	05/09/23	05/09/23	TJW
2,4,6-Tribromophenol	53%		%REC	32-120	5	313474	05/09/23	05/09/23	TJW
Nitrobenzene-d5	49%		%REC	33-120	5	313474	05/09/23	05/09/23	TJW
2-Fluorobiphenyl	51%		%REC	39-120	5	313474	05/09/23	05/09/23	TJW
Terphenyl-d14	48%		%REC	44-125	5	313474	05/09/23	05/09/23	TJW
Method: EPA 9045C									
pH	**8.45**		SU		1	314109	05/16/23	05/16/23	LVL
Temperature	**23.60**		deg C	1.00	1	314109	05/16/23	05/16/23	LVL

Sample ID: F-21-30 **Lab ID: 484652-007** **Collected: 05/04/23 09:10**
Matrix: Soil

484652-007 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 6010B Prep Method: EPA 3050B									
Antimony	ND		mg/Kg	2.9	0.95	313453	05/09/23	05/09/23	THP
Arsenic	**2.3**		mg/Kg	0.95	0.95	313453	05/09/23	05/09/23	THP
Barium	**14**		mg/Kg	0.95	0.95	313453	05/09/23	05/09/23	THP
Beryllium	ND		mg/Kg	0.48	0.95	313453	05/09/23	05/09/23	THP
Cadmium	ND		mg/Kg	0.48	0.95	313453	05/09/23	05/10/23	THP
Chromium	**44**		mg/Kg	0.95	0.95	313453	05/09/23	05/09/23	THP
Cobalt	**4.5**		mg/Kg	0.48	0.95	313453	05/09/23	05/09/23	THP
Copper	**3.8**		mg/Kg	0.95	0.95	313453	05/09/23	05/10/23	THP
Lead	**8.0**		mg/Kg	0.95	0.95	313453	05/09/23	05/10/23	THP
Molybdenum	ND		mg/Kg	0.95	0.95	313453	05/09/23	05/09/23	THP
Nickel	**25**		mg/Kg	0.95	0.95	313453	05/09/23	05/10/23	THP
Selenium	ND		mg/Kg	2.9	0.95	313453	05/09/23	05/10/23	THP
Silicon	**290**		mg/Kg	95	0.95	314277	05/18/23	05/18/23	SBW
Silver	ND		mg/Kg	0.48	0.95	313453	05/09/23	05/09/23	THP
Thallium	ND		mg/Kg	2.9	0.95	313453	05/09/23	05/09/23	THP
Vanadium	**35**		mg/Kg	0.95	0.95	313453	05/09/23	05/09/23	THP
Zinc	**24**		mg/Kg	4.8	0.95	313453	05/09/23	05/10/23	THP
Method: EPA 7471A Prep Method: METHOD									
Mercury	ND		mg/Kg	0.15	1.1	313481	05/09/23	05/10/23	KAM
Method: EPA 9045C									
pH	**8.41**		SU		1	314109	05/16/23	05/16/23	LVL
Temperature	**23.60**		deg C	1.00	1	314109	05/16/23	05/16/23	LVL

Results for any subcontracted analyses are not included in this section.

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Analysis Results for 484652

Sample ID: F-22-1	Lab ID: 484652-008	Collected: 05/04/23 10:15
	Matrix: Soil	

484652-008 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 6010B Prep Method: EPA 3050B									
Antimony	ND		mg/Kg	3.0	0.99	313453	05/09/23	05/09/23	THP
Arsenic	**3.1**		mg/Kg	0.99	0.99	313453	05/09/23	05/09/23	THP
Barium	**100**		mg/Kg	0.99	0.99	313453	05/09/23	05/09/23	THP
Beryllium	ND		mg/Kg	0.50	0.99	313453	05/09/23	05/09/23	THP
Cadmium	ND		mg/Kg	0.50	0.99	313453	05/09/23	05/10/23	THP
Chromium	**66**		mg/Kg	0.99	0.99	313453	05/09/23	05/09/23	THP
Cobalt	**10**		mg/Kg	0.50	0.99	313453	05/09/23	05/09/23	THP
Copper	**22**		mg/Kg	0.99	0.99	313453	05/09/23	05/10/23	THP
Lead	**26**		mg/Kg	0.99	0.99	313453	05/09/23	05/10/23	THP
Molybdenum	**1.4**		mg/Kg	0.99	0.99	313453	05/09/23	05/09/23	THP
Nickel	**75**		mg/Kg	0.99	0.99	313453	05/09/23	05/10/23	THP
Selenium	ND		mg/Kg	3.0	0.99	313453	05/09/23	05/10/23	THP
Silver	ND		mg/Kg	0.50	0.99	313453	05/09/23	05/09/23	THP
Thallium	ND		mg/Kg	3.0	0.99	313453	05/09/23	05/09/23	THP
Vanadium	**49**		mg/Kg	0.99	0.99	313453	05/09/23	05/09/23	THP
Zinc	**68**		mg/Kg	5.0	0.99	313453	05/09/23	05/10/23	THP
Method: EPA 7471A Prep Method: METHOD									
Mercury	ND		mg/Kg	0.15	1.1	313481	05/09/23	05/10/23	KAM
Method: EPA 8015B Prep Method: EPA 5035									
TPH Gasoline	ND		mg/Kg	3.0	1	313667	05/11/23	05/11/23	TCN
Surrogates				**Limits**					
Bromofluorobenzene (FID)	81%		%REC	60-140	1	313667	05/11/23	05/11/23	TCN
Method: EPA 8015M Prep Method: EPA 3580M									
DRO C10-C28	**350**		mg/Kg	200	20	313535	05/09/23	05/10/23	BJG
ORO C28-C44	**1,900**		mg/Kg	400	20	313535	05/09/23	05/10/23	BJG
Surrogates				**Limits**					
n-Triacontane		DO	%REC	70-130	20	313535	05/09/23	05/10/23	BJG
Method: EPA 8260B Prep Method: EPA 5035									
Freon 12	ND		ug/Kg	5.2	1	313378	05/07/23	05/07/23	EJB
Chloromethane	ND		ug/Kg	5.2	1	313378	05/07/23	05/07/23	EJB
Vinyl Chloride	ND		ug/Kg	5.2	1	313378	05/07/23	05/07/23	EJB
Bromomethane	ND		ug/Kg	5.2	1	313378	05/07/23	05/07/23	EJB
Chloroethane	ND		ug/Kg	5.2	1	313378	05/07/23	05/07/23	EJB
Trichlorofluoromethane	ND		ug/Kg	5.2	1	313378	05/07/23	05/07/23	EJB
Acetone	ND		ug/Kg	100	1	313378	05/07/23	05/07/23	EJB
Freon 113	ND		ug/Kg	5.2	1	313378	05/07/23	05/07/23	EJB

Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

Analysis Results for 484652

484652-008 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
1,1-Dichloroethene	ND		ug/Kg	5.2	1	313378	05/07/23	05/07/23	EJB
Methylene Chloride	ND		ug/Kg	5.2	1	313378	05/07/23	05/07/23	EJB
MTBE	ND		ug/Kg	5.2	1	313378	05/07/23	05/07/23	EJB
trans-1,2-Dichloroethene	ND		ug/Kg	5.2	1	313378	05/07/23	05/07/23	EJB
1,1-Dichloroethane	ND		ug/Kg	5.2	1	313378	05/07/23	05/07/23	EJB
2-Butanone	ND		ug/Kg	100	1	313378	05/07/23	05/07/23	EJB
cis-1,2-Dichloroethene	ND		ug/Kg	5.2	1	313378	05/07/23	05/07/23	EJB
2,2-Dichloropropane	ND		ug/Kg	5.2	1	313378	05/07/23	05/07/23	EJB
Chloroform	ND		ug/Kg	5.2	1	313378	05/07/23	05/07/23	EJB
Bromochloromethane	ND		ug/Kg	5.2	1	313378	05/07/23	05/07/23	EJB
1,1,1-Trichloroethane	ND		ug/Kg	5.2	1	313378	05/07/23	05/07/23	EJB
1,1-Dichloropropene	ND		ug/Kg	5.2	1	313378	05/07/23	05/07/23	EJB
Carbon Tetrachloride	ND		ug/Kg	5.2	1	313378	05/07/23	05/07/23	EJB
1,2-Dichloroethane	ND		ug/Kg	5.2	1	313378	05/07/23	05/07/23	EJB
Benzene	ND		ug/Kg	5.2	1	313378	05/07/23	05/07/23	EJB
Trichloroethene	ND		ug/Kg	5.2	1	313378	05/07/23	05/07/23	EJB
1,2-Dichloropropane	ND		ug/Kg	5.2	1	313378	05/07/23	05/07/23	EJB
Bromodichloromethane	ND		ug/Kg	5.2	1	313378	05/07/23	05/07/23	EJB
Dibromomethane	ND		ug/Kg	5.2	1	313378	05/07/23	05/07/23	EJB
4-Methyl-2-Pentanone	ND		ug/Kg	5.2	1	313378	05/07/23	05/07/23	EJB
cis-1,3-Dichloropropene	ND		ug/Kg	5.2	1	313378	05/07/23	05/07/23	EJB
Toluene	ND		ug/Kg	5.2	1	313378	05/07/23	05/07/23	EJB
trans-1,3-Dichloropropene	ND		ug/Kg	5.2	1	313378	05/07/23	05/07/23	EJB
1,1,2-Trichloroethane	ND		ug/Kg	5.2	1	313378	05/07/23	05/07/23	EJB
1,3-Dichloropropane	ND		ug/Kg	5.2	1	313378	05/07/23	05/07/23	EJB
Tetrachloroethene	ND		ug/Kg	5.2	1	313378	05/07/23	05/07/23	EJB
Dibromochloromethane	ND		ug/Kg	5.2	1	313378	05/07/23	05/07/23	EJB
1,2-Dibromoethane	ND		ug/Kg	5.2	1	313378	05/07/23	05/07/23	EJB
Chlorobenzene	ND		ug/Kg	5.2	1	313378	05/07/23	05/07/23	EJB
1,1,1,2-Tetrachloroethane	ND		ug/Kg	5.2	1	313378	05/07/23	05/07/23	EJB
Ethylbenzene	ND		ug/Kg	5.2	1	313378	05/07/23	05/07/23	EJB
m,p-Xylenes	ND		ug/Kg	10	1	313378	05/07/23	05/07/23	EJB
o-Xylene	ND		ug/Kg	5.2	1	313378	05/07/23	05/07/23	EJB
Styrene	ND		ug/Kg	5.2	1	313378	05/07/23	05/07/23	EJB
Bromoform	ND		ug/Kg	5.2	1	313378	05/07/23	05/07/23	EJB
Isopropylbenzene	ND		ug/Kg	5.2	1	313378	05/07/23	05/07/23	EJB
1,1,2,2-Tetrachloroethane	ND		ug/Kg	5.2	1	313378	05/07/23	05/07/23	EJB
1,2,3-Trichloropropane	ND		ug/Kg	5.2	1	313378	05/07/23	05/07/23	EJB
Propylbenzene	ND		ug/Kg	5.2	1	313378	05/07/23	05/07/23	EJB
Bromobenzene	ND		ug/Kg	5.2	1	313378	05/07/23	05/07/23	EJB
1,3,5-Trimethylbenzene	ND		ug/Kg	5.2	1	313378	05/07/23	05/07/23	EJB
2-Chlorotoluene	ND		ug/Kg	5.2	1	313378	05/07/23	05/07/23	EJB
4-Chlorotoluene	ND		ug/Kg	5.2	1	313378	05/07/23	05/07/23	EJB
tert-Butylbenzene	ND		ug/Kg	5.2	1	313378	05/07/23	05/07/23	EJB
1,2,4-Trimethylbenzene	ND		ug/Kg	5.2	1	313378	05/07/23	05/07/23	EJB
sec-Butylbenzene	ND		ug/Kg	5.2	1	313378	05/07/23	05/07/23	EJB

Results for any subcontracted analyses are not included in this section.

Analysis Results for 484652

484652-008 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
para-Isopropyl Toluene	ND		ug/Kg	5.2	1	313378	05/07/23	05/07/23	EJB
1,3-Dichlorobenzene	ND		ug/Kg	5.2	1	313378	05/07/23	05/07/23	EJB
1,4-Dichlorobenzene	ND		ug/Kg	5.2	1	313378	05/07/23	05/07/23	EJB
n-Butylbenzene	ND		ug/Kg	5.2	1	313378	05/07/23	05/07/23	EJB
1,2-Dichlorobenzene	ND		ug/Kg	5.2	1	313378	05/07/23	05/07/23	EJB
1,2-Dibromo-3-Chloropropane	ND		ug/Kg	5.2	1	313378	05/07/23	05/07/23	EJB
1,2,4-Trichlorobenzene	ND		ug/Kg	5.2	1	313378	05/07/23	05/07/23	EJB
Hexachlorobutadiene	ND		ug/Kg	5.2	1	313378	05/07/23	05/07/23	EJB
Naphthalene	ND		ug/Kg	5.2	1	313378	05/07/23	05/07/23	EJB
1,2,3-Trichlorobenzene	ND		ug/Kg	5.2	1	313378	05/07/23	05/07/23	EJB
Surrogates				**Limits**					
Dibromofluoromethane	99%		%REC	70-145	1	313378	05/07/23	05/07/23	EJB
1,2-Dichloroethane-d4	97%		%REC	70-145	1	313378	05/07/23	05/07/23	EJB
Toluene-d8	101%		%REC	70-145	1	313378	05/07/23	05/07/23	EJB
Bromofluorobenzene	104%		%REC	70-145	1	313378	05/07/23	05/07/23	EJB
Method: EPA 8270C Prep Method: EPA 3546									
Carbazole	ND		ug/Kg	6,300	25	313474	05/09/23	05/09/23	TJW
1-Methylnaphthalene	ND		ug/Kg	6,300	25	313474	05/09/23	05/09/23	TJW
Pyridine	ND		ug/Kg	6,300	25	313474	05/09/23	05/09/23	TJW
N-Nitrosodimethylamine	ND		ug/Kg	6,300	25	313474	05/09/23	05/09/23	TJW
Phenol	ND		ug/Kg	6,300	25	313474	05/09/23	05/09/23	TJW
Aniline	ND		ug/Kg	6,300	25	313474	05/09/23	05/09/23	TJW
bis(2-Chloroethyl)ether	ND		ug/Kg	30,000	25	313474	05/09/23	05/09/23	TJW
2-Chlorophenol	ND		ug/Kg	6,300	25	313474	05/09/23	05/09/23	TJW
1,3-Dichlorobenzene	ND		ug/Kg	6,300	25	313474	05/09/23	05/09/23	TJW
1,4-Dichlorobenzene	ND		ug/Kg	6,300	25	313474	05/09/23	05/09/23	TJW
Benzyl alcohol	ND		ug/Kg	6,300	25	313474	05/09/23	05/09/23	TJW
1,2-Dichlorobenzene	ND		ug/Kg	6,300	25	313474	05/09/23	05/09/23	TJW
2-Methylphenol	ND		ug/Kg	6,300	25	313474	05/09/23	05/09/23	TJW
bis(2-Chloroisopropyl) ether	ND		ug/Kg	6,300	25	313474	05/09/23	05/09/23	TJW
3-,4-Methylphenol	ND		ug/Kg	10,000	25	313474	05/09/23	05/09/23	TJW
N-Nitroso-di-n-propylamine	ND		ug/Kg	6,300	25	313474	05/09/23	05/09/23	TJW
Hexachloroethane	ND		ug/Kg	6,300	25	313474	05/09/23	05/09/23	TJW
Nitrobenzene	ND		ug/Kg	30,000	25	313474	05/09/23	05/09/23	TJW
Isophorone	ND		ug/Kg	6,300	25	313474	05/09/23	05/09/23	TJW
2-Nitrophenol	ND		ug/Kg	6,300	25	313474	05/09/23	05/09/23	TJW
2,4-Dimethylphenol	ND		ug/Kg	6,300	25	313474	05/09/23	05/09/23	TJW
Benzoic acid	ND		ug/Kg	30,000	25	313474	05/09/23	05/09/23	TJW
bis(2-Chloroethoxy)methane	ND		ug/Kg	6,300	25	313474	05/09/23	05/09/23	TJW
2,4-Dichlorophenol	ND		ug/Kg	6,300	25	313474	05/09/23	05/09/23	TJW
1,2,4-Trichlorobenzene	ND		ug/Kg	6,300	25	313474	05/09/23	05/09/23	TJW
Naphthalene	ND		ug/Kg	6,300	25	313474	05/09/23	05/09/23	TJW
4-Chloroaniline	ND		ug/Kg	6,300	25	313474	05/09/23	05/09/23	TJW
Hexachlorobutadiene	ND		ug/Kg	6,300	25	313474	05/09/23	05/09/23	TJW
4-Chloro-3-methylphenol	ND		ug/Kg	6,300	25	313474	05/09/23	05/09/23	TJW

Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

Analysis Results for 484652

484652-008 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
2-Methylnaphthalene	ND		ug/Kg	6,300	25	313474	05/09/23	05/09/23	TJW
Hexachlorocyclopentadiene	ND		ug/Kg	30,000	25	313474	05/09/23	05/09/23	TJW
2,4,6-Trichlorophenol	ND		ug/Kg	6,300	25	313474	05/09/23	05/09/23	TJW
2,4,5-Trichlorophenol	ND		ug/Kg	6,300	25	313474	05/09/23	05/09/23	TJW
2-Chloronaphthalene	ND		ug/Kg	6,300	25	313474	05/09/23	05/09/23	TJW
2-Nitroaniline	ND		ug/Kg	6,300	25	313474	05/09/23	05/09/23	TJW
Dimethylphthalate	ND		ug/Kg	6,300	25	313474	05/09/23	05/09/23	TJW
Acenaphthylene	ND		ug/Kg	6,300	25	313474	05/09/23	05/09/23	TJW
2,6-Dinitrotoluene	ND		ug/Kg	6,300	25	313474	05/09/23	05/09/23	TJW
3-Nitroaniline	ND		ug/Kg	6,300	25	313474	05/09/23	05/09/23	TJW
Acenaphthene	ND		ug/Kg	6,300	25	313474	05/09/23	05/09/23	TJW
2,4-Dinitrophenol	ND		ug/Kg	30,000	25	313474	05/09/23	05/09/23	TJW
4-Nitrophenol	ND		ug/Kg	6,300	25	313474	05/09/23	05/09/23	TJW
Dibenzofuran	ND		ug/Kg	6,300	25	313474	05/09/23	05/09/23	TJW
2,4-Dinitrotoluene	ND		ug/Kg	6,300	25	313474	05/09/23	05/09/23	TJW
Diethylphthalate	ND		ug/Kg	6,300	25	313474	05/09/23	05/09/23	TJW
Fluorene	ND		ug/Kg	6,300	25	313474	05/09/23	05/09/23	TJW
4-Chlorophenyl-phenylether	ND		ug/Kg	6,300	25	313474	05/09/23	05/09/23	TJW
4-Nitroaniline	ND		ug/Kg	6,300	25	313474	05/09/23	05/09/23	TJW
4,6-Dinitro-2-methylphenol	ND		ug/Kg	6,300	25	313474	05/09/23	05/09/23	TJW
N-Nitrosodiphenylamine	ND		ug/Kg	6,300	25	313474	05/09/23	05/09/23	TJW
1,2-diphenylhydrazine (as azobenzene)	ND		ug/Kg	6,300	25	313474	05/09/23	05/09/23	TJW
4-Bromophenyl-phenylether	ND		ug/Kg	6,300	25	313474	05/09/23	05/09/23	TJW
Hexachlorobenzene	ND		ug/Kg	6,300	25	313474	05/09/23	05/09/23	TJW
Pentachlorophenol	ND		ug/Kg	30,000	25	313474	05/09/23	05/09/23	TJW
Phenanthrene	ND		ug/Kg	6,300	25	313474	05/09/23	05/09/23	TJW
Anthracene	ND		ug/Kg	6,300	25	313474	05/09/23	05/09/23	TJW
Di-n-butylphthalate	ND		ug/Kg	6,300	25	313474	05/09/23	05/09/23	TJW
Fluoranthene	ND		ug/Kg	6,300	25	313474	05/09/23	05/09/23	TJW
Benzidine	ND		ug/Kg	30,000	25	313474	05/09/23	05/09/23	TJW
Pyrene	ND		ug/Kg	6,300	25	313474	05/09/23	05/09/23	TJW
Butylbenzylphthalate	ND		ug/Kg	6,300	25	313474	05/09/23	05/09/23	TJW
3,3'-Dichlorobenzidine	ND		ug/Kg	30,000	25	313474	05/09/23	05/09/23	TJW
Benzo(a)anthracene	ND		ug/Kg	6,300	25	313474	05/09/23	05/09/23	TJW
Chrysene	ND		ug/Kg	6,300	25	313474	05/09/23	05/09/23	TJW
bis(2-Ethylhexyl)phthalate	ND		ug/Kg	6,300	25	313474	05/09/23	05/09/23	TJW
Di-n-octylphthalate	ND		ug/Kg	6,300	25	313474	05/09/23	05/09/23	TJW
Benzo(b)fluoranthene	ND		ug/Kg	6,300	25	313474	05/09/23	05/09/23	TJW
Benzo(k)fluoranthene	ND		ug/Kg	6,300	25	313474	05/09/23	05/09/23	TJW
Benzo(a)pyrene	ND		ug/Kg	6,300	25	313474	05/09/23	05/09/23	TJW
Indeno(1,2,3-cd)pyrene	ND		ug/Kg	6,300	25	313474	05/09/23	05/09/23	TJW
Dibenz(a,h)anthracene	ND		ug/Kg	6,300	25	313474	05/09/23	05/09/23	TJW
Benzo(g,h,i)perylene	ND		ug/Kg	6,300	25	313474	05/09/23	05/09/23	TJW
Surrogates				**Limits**					
2-Fluorophenol	66%		%REC	29-120	25	313474	05/09/23	05/09/23	TJW
Phenol-d6	71%		%REC	30-120	25	313474	05/09/23	05/09/23	TJW

Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

Analysis Results for 484652

484652-008 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
2,4,6-Tribromophenol	61%		%REC	32-120	25	313474	05/09/23	05/09/23	TJW
Nitrobenzene-d5	69%		%REC	33-120	25	313474	05/09/23	05/09/23	TJW
2-Fluorobiphenyl	68%		%REC	39-120	25	313474	05/09/23	05/09/23	TJW
Terphenyl-d14	62%		%REC	44-125	25	313474	05/09/23	05/09/23	TJW

Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

Analysis Results for 484652

Sample ID: F-22-10	Lab ID: 484652-010	Collected: 05/04/23 10:45
	Matrix: Soil	

484652-010 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 6010B Prep Method: EPA 3050B									
Antimony	ND		mg/Kg	3.0	0.99	313453	05/09/23	05/09/23	THP
Arsenic	**4.7**		mg/Kg	0.99	0.99	313453	05/09/23	05/09/23	THP
Barium	**79**		mg/Kg	0.99	0.99	313453	05/09/23	05/09/23	THP
Beryllium	**0.52**		mg/Kg	0.50	0.99	313453	05/09/23	05/11/23	THP
Cadmium	ND		mg/Kg	0.50	0.99	313453	05/09/23	05/10/23	THP
Chromium	**45**		mg/Kg	0.99	0.99	313453	05/09/23	05/09/23	THP
Cobalt	**12**		mg/Kg	0.50	0.99	313453	05/09/23	05/09/23	THP
Copper	**16**		mg/Kg	0.99	0.99	313453	05/09/23	05/10/23	THP
Lead	**8.2**		mg/Kg	0.99	0.99	313453	05/09/23	05/10/23	THP
Molybdenum	**1.9**		mg/Kg	0.99	0.99	313453	05/09/23	05/09/23	THP
Nickel	**41**		mg/Kg	0.99	0.99	313453	05/09/23	05/10/23	THP
Selenium	ND		mg/Kg	3.0	0.99	313453	05/09/23	05/10/23	THP
Silicon	**310**		mg/Kg	98	0.98	314277	05/18/23	05/18/23	SBW
Silver	ND		mg/Kg	0.50	0.99	313453	05/09/23	05/09/23	THP
Thallium	ND		mg/Kg	3.0	0.99	313453	05/09/23	05/09/23	THP
Vanadium	**63**		mg/Kg	0.99	0.99	313453	05/09/23	05/09/23	THP
Zinc	**50**		mg/Kg	5.0	0.99	313453	05/09/23	05/10/23	THP
Method: EPA 7471A Prep Method: METHOD									
Mercury	ND		mg/Kg	0.15	1.1	313481	05/09/23	05/10/23	KAM
Method: EPA 8015B Prep Method: EPA 5035									
TPH Gasoline	ND		mg/Kg	2.8	0.93	313667	05/11/23	05/11/23	TCN
Surrogates				**Limits**					
Bromofluorobenzene (FID)	72%		%REC	60-140	0.93	313667	05/11/23	05/11/23	TCN
Method: EPA 8015M Prep Method: EPA 3580M									
DRO C10-C28	**26**		mg/Kg	20	2	313535	05/09/23	05/10/23	BJG
ORO C28-C44	**140**		mg/Kg	40	2	313535	05/09/23	05/10/23	BJG
Surrogates				**Limits**					
n-Triacontane	97%		%REC	70-130	2	313535	05/09/23	05/10/23	BJG
Method: EPA 8260B Prep Method: EPA 5035									
Freon 12	ND		ug/Kg	5.1	1	313378	05/07/23	05/07/23	EJB
Chloromethane	ND		ug/Kg	5.1	1	313378	05/07/23	05/07/23	EJB
Vinyl Chloride	ND		ug/Kg	5.1	1	313378	05/07/23	05/07/23	EJB
Bromomethane	ND		ug/Kg	5.1	1	313378	05/07/23	05/07/23	EJB
Chloroethane	ND		ug/Kg	5.1	1	313378	05/07/23	05/07/23	EJB
Trichlorofluoromethane	ND		ug/Kg	5.1	1	313378	05/07/23	05/07/23	EJB
Acetone	ND		ug/Kg	100	1	313378	05/07/23	05/07/23	EJB

Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

Analysis Results for 484652

484652-010 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Freon 113	ND		ug/Kg	5.1	1	313378	05/07/23	05/07/23	EJB
1,1-Dichloroethene	ND		ug/Kg	5.1	1	313378	05/07/23	05/07/23	EJB
Methylene Chloride	ND		ug/Kg	5.1	1	313378	05/07/23	05/07/23	EJB
MTBE	ND		ug/Kg	5.1	1	313378	05/07/23	05/07/23	EJB
trans-1,2-Dichloroethene	ND		ug/Kg	5.1	1	313378	05/07/23	05/07/23	EJB
1,1-Dichloroethane	ND		ug/Kg	5.1	1	313378	05/07/23	05/07/23	EJB
2-Butanone	ND		ug/Kg	100	1	313378	05/07/23	05/07/23	EJB
cis-1,2-Dichloroethene	ND		ug/Kg	5.1	1	313378	05/07/23	05/07/23	EJB
2,2-Dichloropropane	ND		ug/Kg	5.1	1	313378	05/07/23	05/07/23	EJB
Chloroform	ND		ug/Kg	5.1	1	313378	05/07/23	05/07/23	EJB
Bromochloromethane	ND		ug/Kg	5.1	1	313378	05/07/23	05/07/23	EJB
1,1,1-Trichloroethane	ND		ug/Kg	5.1	1	313378	05/07/23	05/07/23	EJB
1,1-Dichloropropene	ND		ug/Kg	5.1	1	313378	05/07/23	05/07/23	EJB
Carbon Tetrachloride	ND		ug/Kg	5.1	1	313378	05/07/23	05/07/23	EJB
1,2-Dichloroethane	ND		ug/Kg	5.1	1	313378	05/07/23	05/07/23	EJB
Benzene	ND		ug/Kg	5.1	1	313378	05/07/23	05/07/23	EJB
Trichloroethene	ND		ug/Kg	5.1	1	313378	05/07/23	05/07/23	EJB
1,2-Dichloropropane	ND		ug/Kg	5.1	1	313378	05/07/23	05/07/23	EJB
Bromodichloromethane	ND		ug/Kg	5.1	1	313378	05/07/23	05/07/23	EJB
Dibromomethane	ND		ug/Kg	5.1	1	313378	05/07/23	05/07/23	EJB
4-Methyl-2-Pentanone	ND		ug/Kg	5.1	1	313378	05/07/23	05/07/23	EJB
cis-1,3-Dichloropropene	ND		ug/Kg	5.1	1	313378	05/07/23	05/07/23	EJB
Toluene	ND		ug/Kg	5.1	1	313378	05/07/23	05/07/23	EJB
trans-1,3-Dichloropropene	ND		ug/Kg	5.1	1	313378	05/07/23	05/07/23	EJB
1,1,2-Trichloroethane	ND		ug/Kg	5.1	1	313378	05/07/23	05/07/23	EJB
1,3-Dichloropropane	ND		ug/Kg	5.1	1	313378	05/07/23	05/07/23	EJB
Tetrachloroethene	ND		ug/Kg	5.1	1	313378	05/07/23	05/07/23	EJB
Dibromochloromethane	ND		ug/Kg	5.1	1	313378	05/07/23	05/07/23	EJB
1,2-Dibromoethane	ND		ug/Kg	5.1	1	313378	05/07/23	05/07/23	EJB
Chlorobenzene	ND		ug/Kg	5.1	1	313378	05/07/23	05/07/23	EJB
1,1,1,2-Tetrachloroethane	ND		ug/Kg	5.1	1	313378	05/07/23	05/07/23	EJB
Ethylbenzene	ND		ug/Kg	5.1	1	313378	05/07/23	05/07/23	EJB
m,p-Xylenes	ND		ug/Kg	10	1	313378	05/07/23	05/07/23	EJB
o-Xylene	ND		ug/Kg	5.1	1	313378	05/07/23	05/07/23	EJB
Styrene	ND		ug/Kg	5.1	1	313378	05/07/23	05/07/23	EJB
Bromoform	ND		ug/Kg	5.1	1	313378	05/07/23	05/07/23	EJB
Isopropylbenzene	ND		ug/Kg	5.1	1	313378	05/07/23	05/07/23	EJB
1,1,2,2-Tetrachloroethane	ND		ug/Kg	5.1	1	313378	05/07/23	05/07/23	EJB
1,2,3-Trichloropropane	ND		ug/Kg	5.1	1	313378	05/07/23	05/07/23	EJB
Propylbenzene	ND		ug/Kg	5.1	1	313378	05/07/23	05/07/23	EJB
Bromobenzene	ND		ug/Kg	5.1	1	313378	05/07/23	05/07/23	EJB
1,3,5-Trimethylbenzene	ND		ug/Kg	5.1	1	313378	05/07/23	05/07/23	EJB
2-Chlorotoluene	ND		ug/Kg	5.1	1	313378	05/07/23	05/07/23	EJB
4-Chlorotoluene	ND		ug/Kg	5.1	1	313378	05/07/23	05/07/23	EJB
tert-Butylbenzene	ND		ug/Kg	5.1	1	313378	05/07/23	05/07/23	EJB
1,2,4-Trimethylbenzene	ND		ug/Kg	5.1	1	313378	05/07/23	05/07/23	EJB

Results for any subcontracted analyses are not included in this section.

Analysis Results for 484652

484652-010 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
sec-Butylbenzene	ND		ug/Kg	5.1	1	313378	05/07/23	05/07/23	EJB
para-Isopropyl Toluene	ND		ug/Kg	5.1	1	313378	05/07/23	05/07/23	EJB
1,3-Dichlorobenzene	ND		ug/Kg	5.1	1	313378	05/07/23	05/07/23	EJB
1,4-Dichlorobenzene	ND		ug/Kg	5.1	1	313378	05/07/23	05/07/23	EJB
n-Butylbenzene	ND		ug/Kg	5.1	1	313378	05/07/23	05/07/23	EJB
1,2-Dichlorobenzene	ND		ug/Kg	5.1	1	313378	05/07/23	05/07/23	EJB
1,2-Dibromo-3-Chloropropane	ND		ug/Kg	5.1	1	313378	05/07/23	05/07/23	EJB
1,2,4-Trichlorobenzene	ND		ug/Kg	5.1	1	313378	05/07/23	05/07/23	EJB
Hexachlorobutadiene	ND		ug/Kg	5.1	1	313378	05/07/23	05/07/23	EJB
Naphthalene	ND		ug/Kg	5.1	1	313378	05/07/23	05/07/23	EJB
1,2,3-Trichlorobenzene	ND		ug/Kg	5.1	1	313378	05/07/23	05/07/23	EJB
Surrogates				**Limits**					
Dibromofluoromethane	97%		%REC	70-145	1	313378	05/07/23	05/07/23	EJB
1,2-Dichloroethane-d4	96%		%REC	70-145	1	313378	05/07/23	05/07/23	EJB
Toluene-d8	101%		%REC	70-145	1	313378	05/07/23	05/07/23	EJB
Bromofluorobenzene	108%		%REC	70-145	1	313378	05/07/23	05/07/23	EJB
Method: EPA 8270C Prep Method: EPA 3546									
Carbazole	ND		ug/Kg	2,500	10	313474	05/09/23	05/15/23	VTN
1-Methylnaphthalene	ND		ug/Kg	2,500	10	313474	05/09/23	05/15/23	VTN
Pyridine	ND		ug/Kg	2,500	10	313474	05/09/23	05/15/23	VTN
N-Nitrosodimethylamine	ND		ug/Kg	2,500	10	313474	05/09/23	05/15/23	VTN
Phenol	ND		ug/Kg	2,500	10	313474	05/09/23	05/15/23	VTN
Aniline	ND		ug/Kg	2,500	10	313474	05/09/23	05/15/23	VTN
bis(2-Chloroethyl)ether	ND		ug/Kg	12,000	10	313474	05/09/23	05/15/23	VTN
2-Chlorophenol	ND		ug/Kg	2,500	10	313474	05/09/23	05/15/23	VTN
1,3-Dichlorobenzene	ND		ug/Kg	2,500	10	313474	05/09/23	05/15/23	VTN
1,4-Dichlorobenzene	ND		ug/Kg	2,500	10	313474	05/09/23	05/15/23	VTN
Benzyl alcohol	ND		ug/Kg	2,500	10	313474	05/09/23	05/15/23	VTN
1,2-Dichlorobenzene	ND		ug/Kg	2,500	10	313474	05/09/23	05/15/23	VTN
2-Methylphenol	ND		ug/Kg	2,500	10	313474	05/09/23	05/15/23	VTN
bis(2-Chloroisopropyl) ether	ND		ug/Kg	2,500	10	313474	05/09/23	05/15/23	VTN
3-,4-Methylphenol	ND		ug/Kg	4,000	10	313474	05/09/23	05/15/23	VTN
N-Nitroso-di-n-propylamine	ND		ug/Kg	2,500	10	313474	05/09/23	05/15/23	VTN
Hexachloroethane	ND		ug/Kg	2,500	10	313474	05/09/23	05/15/23	VTN
Nitrobenzene	ND		ug/Kg	12,000	10	313474	05/09/23	05/15/23	VTN
Isophorone	ND		ug/Kg	2,500	10	313474	05/09/23	05/15/23	VTN
2-Nitrophenol	ND		ug/Kg	2,500	10	313474	05/09/23	05/15/23	VTN
2,4-Dimethylphenol	ND		ug/Kg	2,500	10	313474	05/09/23	05/15/23	VTN
Benzoic acid	ND		ug/Kg	12,000	10	313474	05/09/23	05/15/23	VTN
bis(2-Chloroethoxy)methane	ND		ug/Kg	2,500	10	313474	05/09/23	05/15/23	VTN
2,4-Dichlorophenol	ND		ug/Kg	2,500	10	313474	05/09/23	05/15/23	VTN
1,2,4-Trichlorobenzene	ND		ug/Kg	2,500	10	313474	05/09/23	05/15/23	VTN
Naphthalene	ND		ug/Kg	2,500	10	313474	05/09/23	05/15/23	VTN
4-Chloroaniline	ND		ug/Kg	2,500	10	313474	05/09/23	05/15/23	VTN
Hexachlorobutadiene	ND		ug/Kg	2,500	10	313474	05/09/23	05/15/23	VTN

Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

Analysis Results for 484652

484652-010 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
4-Chloro-3-methylphenol	ND		ug/Kg	2,500	10	313474	05/09/23	05/15/23	VTN
2-Methylnaphthalene	ND		ug/Kg	2,500	10	313474	05/09/23	05/15/23	VTN
Hexachlorocyclopentadiene	ND		ug/Kg	12,000	10	313474	05/09/23	05/15/23	VTN
2,4,6-Trichlorophenol	ND		ug/Kg	2,500	10	313474	05/09/23	05/15/23	VTN
2,4,5-Trichlorophenol	ND		ug/Kg	2,500	10	313474	05/09/23	05/15/23	VTN
2-Chloronaphthalene	ND		ug/Kg	2,500	10	313474	05/09/23	05/15/23	VTN
2-Nitroaniline	ND		ug/Kg	2,500	10	313474	05/09/23	05/15/23	VTN
Dimethylphthalate	ND		ug/Kg	2,500	10	313474	05/09/23	05/15/23	VTN
Acenaphthylene	ND		ug/Kg	2,500	10	313474	05/09/23	05/15/23	VTN
2,6-Dinitrotoluene	ND		ug/Kg	2,500	10	313474	05/09/23	05/15/23	VTN
3-Nitroaniline	ND		ug/Kg	2,500	10	313474	05/09/23	05/15/23	VTN
Acenaphthene	ND		ug/Kg	2,500	10	313474	05/09/23	05/15/23	VTN
2,4-Dinitrophenol	ND		ug/Kg	12,000	10	313474	05/09/23	05/15/23	VTN
4-Nitrophenol	ND		ug/Kg	2,500	10	313474	05/09/23	05/15/23	VTN
Dibenzofuran	ND		ug/Kg	2,500	10	313474	05/09/23	05/15/23	VTN
2,4-Dinitrotoluene	ND		ug/Kg	2,500	10	313474	05/09/23	05/15/23	VTN
Diethylphthalate	ND		ug/Kg	2,500	10	313474	05/09/23	05/15/23	VTN
Fluorene	ND		ug/Kg	2,500	10	313474	05/09/23	05/15/23	VTN
4-Chlorophenyl-phenylether	ND		ug/Kg	2,500	10	313474	05/09/23	05/15/23	VTN
4-Nitroaniline	ND		ug/Kg	2,500	10	313474	05/09/23	05/15/23	VTN
4,6-Dinitro-2-methylphenol	ND		ug/Kg	2,500	10	313474	05/09/23	05/15/23	VTN
N-Nitrosodiphenylamine	ND		ug/Kg	2,500	10	313474	05/09/23	05/15/23	VTN
1,2-diphenylhydrazine (as azobenzene)	ND		ug/Kg	2,500	10	313474	05/09/23	05/15/23	VTN
4-Bromophenyl-phenylether	ND		ug/Kg	2,500	10	313474	05/09/23	05/15/23	VTN
Hexachlorobenzene	ND		ug/Kg	2,500	10	313474	05/09/23	05/15/23	VTN
Pentachlorophenol	ND		ug/Kg	12,000	10	313474	05/09/23	05/15/23	VTN
Phenanthrene	ND		ug/Kg	2,500	10	313474	05/09/23	05/15/23	VTN
Anthracene	ND		ug/Kg	2,500	10	313474	05/09/23	05/15/23	VTN
Di-n-butylphthalate	ND		ug/Kg	2,500	10	313474	05/09/23	05/15/23	VTN
Fluoranthene	ND		ug/Kg	2,500	10	313474	05/09/23	05/15/23	VTN
Benzidine	ND		ug/Kg	12,000	10	313474	05/09/23	05/15/23	VTN
Pyrene	ND		ug/Kg	2,500	10	313474	05/09/23	05/15/23	VTN
Butylbenzylphthalate	ND		ug/Kg	2,500	10	313474	05/09/23	05/15/23	VTN
3,3'-Dichlorobenzidine	ND		ug/Kg	12,000	10	313474	05/09/23	05/15/23	VTN
Benzo(a)anthracene	ND		ug/Kg	2,500	10	313474	05/09/23	05/15/23	VTN
Chrysene	ND		ug/Kg	2,500	10	313474	05/09/23	05/15/23	VTN
bis(2-Ethylhexyl)phthalate	ND		ug/Kg	2,500	10	313474	05/09/23	05/15/23	VTN
Di-n-octylphthalate	ND		ug/Kg	2,500	10	313474	05/09/23	05/15/23	VTN
Benzo(b)fluoranthene	ND		ug/Kg	2,500	10	313474	05/09/23	05/15/23	VTN
Benzo(k)fluoranthene	ND		ug/Kg	2,500	10	313474	05/09/23	05/15/23	VTN
Benzo(a)pyrene	ND		ug/Kg	2,500	10	313474	05/09/23	05/15/23	VTN
Indeno(1,2,3-cd)pyrene	ND		ug/Kg	2,500	10	313474	05/09/23	05/15/23	VTN
Dibenz(a,h)anthracene	ND		ug/Kg	2,500	10	313474	05/09/23	05/15/23	VTN
Benzo(g,h,i)perylene	ND		ug/Kg	2,500	10	313474	05/09/23	05/15/23	VTN
Surrogates				**Limits**					
2-Fluorophenol	30%		%REC	29-120	10	313474	05/09/23	05/15/23	VTN

Results for any subcontracted analyses are not included in this section.

Analysis Results for 484652

484652-010 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Phenol-d6	61%		%REC	30-120	10	313474	05/09/23	05/15/23	VTN
2,4,6-Tribromophenol	13%	*	%REC	32-120	10	313474	05/09/23	05/15/23	VTN
Nitrobenzene-d5	66%		%REC	33-120	10	313474	05/09/23	05/15/23	VTN
2-Fluorobiphenyl	69%		%REC	39-120	10	313474	05/09/23	05/15/23	VTN
Terphenyl-d14	67%		%REC	44-125	10	313474	05/09/23	05/15/23	VTN
Method: EPA 9045C									
pH	**11.29**		SU		1	314101	05/16/23	05/16/23	LVL
Temperature	**24.80**		deg C	1.00	1	314101	05/16/23	05/16/23	LVL

Sample ID: F-22-20 **Lab ID: 484652-012** **Collected: 05/04/23 11:18**
Matrix: Soil

484652-012 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 6010B Prep Method: EPA 3050B									
Antimony	ND		mg/Kg	2.9	0.95	313453	05/09/23	05/09/23	THP
Arsenic	**6.6**		mg/Kg	0.95	0.95	313453	05/09/23	05/09/23	THP
Barium	**180**		mg/Kg	0.95	0.95	313453	05/09/23	05/09/23	THP
Beryllium	ND		mg/Kg	0.48	0.95	313453	05/09/23	05/09/23	THP
Cadmium	ND		mg/Kg	0.48	0.95	313453	05/09/23	05/10/23	THP
Chromium	**37**		mg/Kg	0.95	0.95	313453	05/09/23	05/09/23	THP
Cobalt	**11**		mg/Kg	0.48	0.95	313453	05/09/23	05/09/23	THP
Copper	**36**		mg/Kg	0.95	0.95	313453	05/09/23	05/10/23	THP
Lead	**51**		mg/Kg	0.95	0.95	313453	05/09/23	05/10/23	THP
Molybdenum	**1.3**		mg/Kg	0.95	0.95	313453	05/09/23	05/09/23	THP
Nickel	**44**		mg/Kg	0.95	0.95	313453	05/09/23	05/10/23	THP
Selenium	ND		mg/Kg	2.9	0.95	313453	05/09/23	05/10/23	THP
Silicon	**390**		mg/Kg	98	0.98	314277	05/18/23	05/18/23	SBW
Silver	ND		mg/Kg	0.48	0.95	313453	05/09/23	05/09/23	THP
Thallium	ND		mg/Kg	2.9	0.95	313453	05/09/23	05/09/23	THP
Vanadium	**46**		mg/Kg	0.95	0.95	313453	05/09/23	05/09/23	THP
Zinc	**110**		mg/Kg	4.8	0.95	313453	05/09/23	05/10/23	THP
Method: EPA 7471A Prep Method: METHOD									
Mercury	ND		mg/Kg	0.14	1	313481	05/09/23	05/10/23	KAM
Method: EPA 9045C									
pH	**11.29**		SU		1	314101	05/16/23	05/16/23	LVL
Temperature	**23.80**		deg C	1.00	1	314101	05/16/23	05/16/23	LVL

Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

Analysis Results for 484652

Sample ID: F-22-30	Lab ID: 484652-014	Collected: 05/04/23 12:00
	Matrix: Soil	

484652-014 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 6010B Prep Method: EPA 3050B									
Antimony	ND		mg/Kg	2.9	0.96	313453	05/09/23	05/09/23	THP
Arsenic	**3.0**		mg/Kg	0.96	0.96	313453	05/09/23	05/09/23	THP
Barium	**110**		mg/Kg	0.96	0.96	313453	05/09/23	05/09/23	THP
Beryllium	ND		mg/Kg	0.48	0.96	313453	05/09/23	05/09/23	THP
Cadmium	ND		mg/Kg	0.48	0.96	313453	05/09/23	05/10/23	THP
Chromium	**40**		mg/Kg	0.96	0.96	313453	05/09/23	05/09/23	THP
Cobalt	**6.0**		mg/Kg	0.48	0.96	313453	05/09/23	05/09/23	THP
Copper	**47**		mg/Kg	0.96	0.96	313453	05/09/23	05/10/23	THP
Lead	**12**		mg/Kg	0.96	0.96	313453	05/09/23	05/10/23	THP
Molybdenum	**1.9**		mg/Kg	0.96	0.96	313453	05/09/23	05/09/23	THP
Nickel	**40**		mg/Kg	0.96	0.96	313453	05/09/23	05/10/23	THP
Selenium	ND		mg/Kg	2.9	0.96	313453	05/09/23	05/10/23	THP
Silicon	**190**		mg/Kg	96	0.96	314277	05/18/23	05/18/23	SBW
Silver	ND		mg/Kg	0.48	0.96	313453	05/09/23	05/09/23	THP
Thallium	ND		mg/Kg	2.9	0.96	313453	05/09/23	05/09/23	THP
Vanadium	**31**		mg/Kg	0.96	0.96	313453	05/09/23	05/09/23	THP
Zinc	**47**		mg/Kg	4.8	0.96	313453	05/09/23	05/10/23	THP
Method: EPA 7471A Prep Method: METHOD									
Mercury	ND		mg/Kg	0.15	1.1	313481	05/09/23	05/10/23	KAM
Method: EPA 8015B Prep Method: EPA 5035									
TPH Gasoline	ND		mg/Kg	3.6	1.2	314051	05/16/23	05/16/23	SXR
Surrogates				**Limits**					
Bromofluorobenzene (FID)	65%		%REC	60-140	1.2	314051	05/16/23	05/16/23	SXR
Method: EPA 8015M Prep Method: EPA 3580M									
DRO C10-C28	**610**		mg/Kg	200	20	313535	05/09/23	05/10/23	BJG
ORO C28-C44	**920**		mg/Kg	400	20	313535	05/09/23	05/10/23	BJG
Surrogates				**Limits**					
n-Triacontane		DO	%REC	70-130	20	313535	05/09/23	05/10/23	BJG
Method: EPA 8081A Prep Method: EPA 3546									
alpha-BHC	ND		ug/Kg	49	9.8	313470	05/09/23	05/09/23	TRN
beta-BHC	ND		ug/Kg	49	9.8	313470	05/09/23	05/09/23	TRN
gamma-BHC	ND		ug/Kg	49	9.8	313470	05/09/23	05/09/23	TRN
delta-BHC	ND		ug/Kg	49	9.8	313470	05/09/23	05/09/23	TRN
Heptachlor	ND		ug/Kg	49	9.8	313470	05/09/23	05/09/23	TRN
Aldrin	ND		ug/Kg	49	9.8	313470	05/09/23	05/09/23	TRN
Heptachlor epoxide	ND		ug/Kg	49	9.8	313470	05/09/23	05/09/23	TRN

Results for any subcontracted analyses are not included in this section.

Analysis Results for 484652

484652-014 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Endosulfan I	ND		ug/Kg	49	9.8	313470	05/09/23	05/09/23	TRN
Dieldrin	ND		ug/Kg	49	9.8	313470	05/09/23	05/09/23	TRN
4,4'-DDE	ND		ug/Kg	49	9.8	313470	05/09/23	05/09/23	TRN
Endrin	ND		ug/Kg	49	9.8	313470	05/09/23	05/09/23	TRN
Endosulfan II	ND		ug/Kg	49	9.8	313470	05/09/23	05/09/23	TRN
Endosulfan sulfate	ND		ug/Kg	49	9.8	313470	05/09/23	05/09/23	TRN
4,4'-DDD	ND		ug/Kg	49	9.8	313470	05/09/23	05/09/23	TRN
Endrin aldehyde	ND		ug/Kg	49	9.8	313470	05/09/23	05/09/23	TRN
Endrin ketone	ND		ug/Kg	49	9.8	313470	05/09/23	05/09/23	TRN
4,4'-DDT	ND		ug/Kg	49	9.8	313470	05/09/23	05/09/23	TRN
Methoxychlor	ND		ug/Kg	98	9.8	313470	05/09/23	05/09/23	TRN
Toxaphene	ND		ug/Kg	980	9.8	313470	05/09/23	05/09/23	TRN
Chlordane (Technical)	ND		ug/Kg	490	9.8	313470	05/09/23	05/09/23	TRN
Surrogates				**Limits**					
TCMX		DO	%REC	23-120	9.8	313470	05/09/23	05/09/23	TRN
Decachlorobiphenyl		DO	%REC	24-120	9.8	313470	05/09/23	05/09/23	TRN
Method: EPA 8082 Prep Method: EPA 3546									
Aroclor-1016	ND		ug/Kg	98	2	313470	05/09/23	05/09/23	TRN
Aroclor-1221	ND		ug/Kg	98	2	313470	05/09/23	05/09/23	TRN
Aroclor-1232	ND		ug/Kg	98	2	313470	05/09/23	05/09/23	TRN
Aroclor-1242	ND		ug/Kg	98	2	313470	05/09/23	05/09/23	TRN
Aroclor-1248	ND		ug/Kg	98	2	313470	05/09/23	05/09/23	TRN
Aroclor-1254	ND		ug/Kg	98	2	313470	05/09/23	05/09/23	TRN
Aroclor-1260	ND		ug/Kg	98	2	313470	05/09/23	05/09/23	TRN
Surrogates				**Limits**					
Decachlorobiphenyl (PCB)	88%		%REC	19-121	2	313470	05/09/23	05/09/23	TRN
Method: EPA 8260B Prep Method: EPA 5035									
Freon 12	ND		ug/Kg	530	110	313378	05/07/23	05/07/23	EJB
Chloromethane	ND		ug/Kg	530	110	313378	05/07/23	05/07/23	EJB
Vinyl Chloride	ND		ug/Kg	530	110	313378	05/07/23	05/07/23	EJB
Bromomethane	ND		ug/Kg	530	110	313378	05/07/23	05/07/23	EJB
Chloroethane	ND		ug/Kg	530	110	313378	05/07/23	05/07/23	EJB
Trichlorofluoromethane	ND		ug/Kg	530	110	313378	05/07/23	05/07/23	EJB
Acetone	ND		ug/Kg	11,000	110	313378	05/07/23	05/07/23	EJB
Freon 113	ND		ug/Kg	530	110	313378	05/07/23	05/07/23	EJB
1,1-Dichloroethene	ND		ug/Kg	530	110	313378	05/07/23	05/07/23	EJB
Methylene Chloride	ND		ug/Kg	530	110	313378	05/07/23	05/07/23	EJB
MTBE	ND		ug/Kg	530	110	313378	05/07/23	05/07/23	EJB
trans-1,2-Dichloroethene	ND		ug/Kg	530	110	313378	05/07/23	05/07/23	EJB
1,1-Dichloroethane	ND		ug/Kg	530	110	313378	05/07/23	05/07/23	EJB
2-Butanone	ND		ug/Kg	11,000	110	313378	05/07/23	05/07/23	EJB
cis-1,2-Dichloroethene	ND		ug/Kg	530	110	313378	05/07/23	05/07/23	EJB
2,2-Dichloropropane	ND		ug/Kg	530	110	313378	05/07/23	05/07/23	EJB
Chloroform	ND		ug/Kg	530	110	313378	05/07/23	05/07/23	EJB

Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

Analysis Results for 484652

484652-014 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Bromochloromethane	ND		ug/Kg	530	110	313378	05/07/23	05/07/23	EJB
1,1,1-Trichloroethane	ND		ug/Kg	530	110	313378	05/07/23	05/07/23	EJB
1,1-Dichloropropene	ND		ug/Kg	530	110	313378	05/07/23	05/07/23	EJB
Carbon Tetrachloride	ND		ug/Kg	530	110	313378	05/07/23	05/07/23	EJB
1,2-Dichloroethane	ND		ug/Kg	530	110	313378	05/07/23	05/07/23	EJB
Benzene	ND		ug/Kg	530	110	313378	05/07/23	05/07/23	EJB
Trichloroethene	ND		ug/Kg	530	110	313378	05/07/23	05/07/23	EJB
1,2-Dichloropropane	ND		ug/Kg	530	110	313378	05/07/23	05/07/23	EJB
Bromodichloromethane	ND		ug/Kg	530	110	313378	05/07/23	05/07/23	EJB
Dibromomethane	ND		ug/Kg	530	110	313378	05/07/23	05/07/23	EJB
4-Methyl-2-Pentanone	ND		ug/Kg	530	110	313378	05/07/23	05/07/23	EJB
cis-1,3-Dichloropropene	ND		ug/Kg	530	110	313378	05/07/23	05/07/23	EJB
Toluene	ND		ug/Kg	530	110	313378	05/07/23	05/07/23	EJB
trans-1,3-Dichloropropene	ND		ug/Kg	530	110	313378	05/07/23	05/07/23	EJB
1,1,2-Trichloroethane	ND		ug/Kg	530	110	313378	05/07/23	05/07/23	EJB
1,3-Dichloropropane	ND		ug/Kg	530	110	313378	05/07/23	05/07/23	EJB
Tetrachloroethene	ND		ug/Kg	530	110	313378	05/07/23	05/07/23	EJB
Dibromochloromethane	ND		ug/Kg	530	110	313378	05/07/23	05/07/23	EJB
1,2-Dibromoethane	ND		ug/Kg	530	110	313378	05/07/23	05/07/23	EJB
Chlorobenzene	ND		ug/Kg	530	110	313378	05/07/23	05/07/23	EJB
1,1,1,2-Tetrachloroethane	ND		ug/Kg	530	110	313378	05/07/23	05/07/23	EJB
Ethylbenzene	ND		ug/Kg	530	110	313378	05/07/23	05/07/23	EJB
m,p-Xylenes	ND		ug/Kg	1,100	110	313378	05/07/23	05/07/23	EJB
o-Xylene	ND		ug/Kg	530	110	313378	05/07/23	05/07/23	EJB
Styrene	ND		ug/Kg	530	110	313378	05/07/23	05/07/23	EJB
Bromoform	ND		ug/Kg	530	110	313378	05/07/23	05/07/23	EJB
Isopropylbenzene	ND		ug/Kg	530	110	313378	05/07/23	05/07/23	EJB
1,1,2,2-Tetrachloroethane	ND		ug/Kg	530	110	313378	05/07/23	05/07/23	EJB
1,2,3-Trichloropropane	ND		ug/Kg	530	110	313378	05/07/23	05/07/23	EJB
Propylbenzene	ND		ug/Kg	530	110	313378	05/07/23	05/07/23	EJB
Bromobenzene	ND		ug/Kg	530	110	313378	05/07/23	05/07/23	EJB
1,3,5-Trimethylbenzene	ND		ug/Kg	530	110	313378	05/07/23	05/07/23	EJB
2-Chlorotoluene	ND		ug/Kg	530	110	313378	05/07/23	05/07/23	EJB
4-Chlorotoluene	ND		ug/Kg	530	110	313378	05/07/23	05/07/23	EJB
tert-Butylbenzene	ND		ug/Kg	530	110	313378	05/07/23	05/07/23	EJB
1,2,4-Trimethylbenzene	**740**		ug/Kg	530	110	313378	05/07/23	05/07/23	EJB
sec-Butylbenzene	ND		ug/Kg	530	110	313378	05/07/23	05/07/23	EJB
para-Isopropyl Toluene	ND		ug/Kg	530	110	313378	05/07/23	05/07/23	EJB
1,3-Dichlorobenzene	ND		ug/Kg	530	110	313378	05/07/23	05/07/23	EJB
1,4-Dichlorobenzene	ND		ug/Kg	530	110	313378	05/07/23	05/07/23	EJB
n-Butylbenzene	ND		ug/Kg	530	110	313378	05/07/23	05/07/23	EJB
1,2-Dichlorobenzene	ND		ug/Kg	530	110	313378	05/07/23	05/07/23	EJB
1,2-Dibromo-3-Chloropropane	ND		ug/Kg	530	110	313378	05/07/23	05/07/23	EJB
1,2,4-Trichlorobenzene	ND		ug/Kg	530	110	313378	05/07/23	05/07/23	EJB
Hexachlorobutadiene	ND		ug/Kg	530	110	313378	05/07/23	05/07/23	EJB
Naphthalene	**1,600**		ug/Kg	530	110	313378	05/07/23	05/07/23	EJB

Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

Analysis Results for 484652

484652-014 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
1,2,3-Trichlorobenzene	ND		ug/Kg	530	110	313378	05/07/23	05/07/23	EJB
Surrogates				**Limits**					
Dibromofluoromethane	93%		%REC	70-145	110	313378	05/07/23	05/07/23	EJB
1,2-Dichloroethane-d4	94%		%REC	70-145	110	313378	05/07/23	05/07/23	EJB
Toluene-d8	101%		%REC	70-145	110	313378	05/07/23	05/07/23	EJB
Bromofluorobenzene	98%		%REC	70-145	110	313378	05/07/23	05/07/23	EJB
Method: EPA 8270C Prep Method: EPA 3546									
Carbazole	ND		ug/Kg	5,000	20	313474	05/09/23	05/09/23	TJW
1-Methylnaphthalene	ND		ug/Kg	5,000	20	313474	05/09/23	05/09/23	TJW
Pyridine	ND		ug/Kg	5,000	20	313474	05/09/23	05/09/23	TJW
N-Nitrosodimethylamine	ND		ug/Kg	5,000	20	313474	05/09/23	05/09/23	TJW
Phenol	ND		ug/Kg	5,000	20	313474	05/09/23	05/09/23	TJW
Aniline	ND		ug/Kg	5,000	20	313474	05/09/23	05/09/23	TJW
bis(2-Chloroethyl)ether	ND		ug/Kg	24,000	20	313474	05/09/23	05/09/23	TJW
2-Chlorophenol	ND		ug/Kg	5,000	20	313474	05/09/23	05/09/23	TJW
1,3-Dichlorobenzene	ND		ug/Kg	5,000	20	313474	05/09/23	05/09/23	TJW
1,4-Dichlorobenzene	ND		ug/Kg	5,000	20	313474	05/09/23	05/09/23	TJW
Benzyl alcohol	ND		ug/Kg	5,000	20	313474	05/09/23	05/09/23	TJW
1,2-Dichlorobenzene	ND		ug/Kg	5,000	20	313474	05/09/23	05/09/23	TJW
2-Methylphenol	ND		ug/Kg	5,000	20	313474	05/09/23	05/09/23	TJW
bis(2-Chloroisopropyl) ether	ND		ug/Kg	5,000	20	313474	05/09/23	05/09/23	TJW
3-,4-Methylphenol	ND		ug/Kg	8,000	20	313474	05/09/23	05/09/23	TJW
N-Nitroso-di-n-propylamine	ND		ug/Kg	5,000	20	313474	05/09/23	05/09/23	TJW
Hexachloroethane	ND		ug/Kg	5,000	20	313474	05/09/23	05/09/23	TJW
Nitrobenzene	ND		ug/Kg	24,000	20	313474	05/09/23	05/09/23	TJW
Isophorone	ND		ug/Kg	5,000	20	313474	05/09/23	05/09/23	TJW
2-Nitrophenol	ND		ug/Kg	5,000	20	313474	05/09/23	05/09/23	TJW
2,4-Dimethylphenol	ND		ug/Kg	5,000	20	313474	05/09/23	05/09/23	TJW
Benzoic acid	ND		ug/Kg	24,000	20	313474	05/09/23	05/09/23	TJW
bis(2-Chloroethoxy)methane	ND		ug/Kg	5,000	20	313474	05/09/23	05/09/23	TJW
2,4-Dichlorophenol	ND		ug/Kg	5,000	20	313474	05/09/23	05/09/23	TJW
1,2,4-Trichlorobenzene	ND		ug/Kg	5,000	20	313474	05/09/23	05/09/23	TJW
Naphthalene	ND		ug/Kg	5,000	20	313474	05/09/23	05/09/23	TJW
4-Chloroaniline	ND		ug/Kg	5,000	20	313474	05/09/23	05/09/23	TJW
Hexachlorobutadiene	ND		ug/Kg	5,000	20	313474	05/09/23	05/09/23	TJW
4-Chloro-3-methylphenol	ND		ug/Kg	5,000	20	313474	05/09/23	05/09/23	TJW
2-Methylnaphthalene	ND		ug/Kg	5,000	20	313474	05/09/23	05/09/23	TJW
Hexachlorocyclopentadiene	ND		ug/Kg	24,000	20	313474	05/09/23	05/09/23	TJW
2,4,6-Trichlorophenol	ND		ug/Kg	5,000	20	313474	05/09/23	05/09/23	TJW
2,4,5-Trichlorophenol	ND		ug/Kg	5,000	20	313474	05/09/23	05/09/23	TJW
2-Chloronaphthalene	ND		ug/Kg	5,000	20	313474	05/09/23	05/09/23	TJW
2-Nitroaniline	ND		ug/Kg	5,000	20	313474	05/09/23	05/09/23	TJW
Dimethylphthalate	ND		ug/Kg	5,000	20	313474	05/09/23	05/09/23	TJW
Acenaphthylene	ND		ug/Kg	5,000	20	313474	05/09/23	05/09/23	TJW
2,6-Dinitrotoluene	ND		ug/Kg	5,000	20	313474	05/09/23	05/09/23	TJW

Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

Analysis Results for 484652

484652-014 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
3-Nitroaniline	ND		ug/Kg	5,000	20	313474	05/09/23	05/09/23	TJW
Acenaphthene	ND		ug/Kg	5,000	20	313474	05/09/23	05/09/23	TJW
2,4-Dinitrophenol	ND		ug/Kg	24,000	20	313474	05/09/23	05/09/23	TJW
4-Nitrophenol	ND		ug/Kg	5,000	20	313474	05/09/23	05/09/23	TJW
Dibenzofuran	ND		ug/Kg	5,000	20	313474	05/09/23	05/09/23	TJW
2,4-Dinitrotoluene	ND		ug/Kg	5,000	20	313474	05/09/23	05/09/23	TJW
Diethylphthalate	ND		ug/Kg	5,000	20	313474	05/09/23	05/09/23	TJW
Fluorene	ND		ug/Kg	5,000	20	313474	05/09/23	05/09/23	TJW
4-Chlorophenyl-phenylether	ND		ug/Kg	5,000	20	313474	05/09/23	05/09/23	TJW
4-Nitroaniline	ND		ug/Kg	5,000	20	313474	05/09/23	05/09/23	TJW
4,6-Dinitro-2-methylphenol	ND		ug/Kg	5,000	20	313474	05/09/23	05/09/23	TJW
N-Nitrosodiphenylamine	ND		ug/Kg	5,000	20	313474	05/09/23	05/09/23	TJW
1,2-diphenylhydrazine (as azobenzene)	ND		ug/Kg	5,000	20	313474	05/09/23	05/09/23	TJW
4-Bromophenyl-phenylether	ND		ug/Kg	5,000	20	313474	05/09/23	05/09/23	TJW
Hexachlorobenzene	ND		ug/Kg	5,000	20	313474	05/09/23	05/09/23	TJW
Pentachlorophenol	ND		ug/Kg	24,000	20	313474	05/09/23	05/09/23	TJW
Phenanthrene	ND		ug/Kg	5,000	20	313474	05/09/23	05/09/23	TJW
Anthracene	ND		ug/Kg	5,000	20	313474	05/09/23	05/09/23	TJW
Di-n-butylphthalate	ND		ug/Kg	5,000	20	313474	05/09/23	05/09/23	TJW
Fluoranthene	ND		ug/Kg	5,000	20	313474	05/09/23	05/09/23	TJW
Benzidine	ND		ug/Kg	24,000	20	313474	05/09/23	05/09/23	TJW
Pyrene	ND		ug/Kg	5,000	20	313474	05/09/23	05/09/23	TJW
Butylbenzylphthalate	ND		ug/Kg	5,000	20	313474	05/09/23	05/09/23	TJW
3,3'-Dichlorobenzidine	ND		ug/Kg	24,000	20	313474	05/09/23	05/09/23	TJW
Benzo(a)anthracene	ND		ug/Kg	5,000	20	313474	05/09/23	05/09/23	TJW
Chrysene	ND		ug/Kg	5,000	20	313474	05/09/23	05/09/23	TJW
bis(2-Ethylhexyl)phthalate	ND		ug/Kg	5,000	20	313474	05/09/23	05/09/23	TJW
Di-n-octylphthalate	ND		ug/Kg	5,000	20	313474	05/09/23	05/09/23	TJW
Benzo(b)fluoranthene	ND		ug/Kg	5,000	20	313474	05/09/23	05/09/23	TJW
Benzo(k)fluoranthene	ND		ug/Kg	5,000	20	313474	05/09/23	05/09/23	TJW
Benzo(a)pyrene	ND		ug/Kg	5,000	20	313474	05/09/23	05/09/23	TJW
Indeno(1,2,3-cd)pyrene	ND		ug/Kg	5,000	20	313474	05/09/23	05/09/23	TJW
Dibenz(a,h)anthracene	ND		ug/Kg	5,000	20	313474	05/09/23	05/09/23	TJW
Benzo(g,h,i)perylene	ND		ug/Kg	5,000	20	313474	05/09/23	05/09/23	TJW
Surrogates				**Limits**					
2-Fluorophenol	0%	*	%REC	29-120	20	313474	05/09/23	05/09/23	TJW
Phenol-d6	25%	*	%REC	30-120	20	313474	05/09/23	05/09/23	TJW
2,4,6-Tribromophenol	0%	*	%REC	32-120	20	313474	05/09/23	05/09/23	TJW
Nitrobenzene-d5	46%		%REC	33-120	20	313474	05/09/23	05/09/23	TJW
2-Fluorobiphenyl	48%		%REC	39-120	20	313474	05/09/23	05/09/23	TJW
Terphenyl-d14	45%		%REC	44-125	20	313474	05/09/23	05/09/23	TJW
Method: EPA 9045C									
pH	**11.92**		SU		1	314101	05/16/23	05/16/23	LVL
Temperature	**23.70**		deg C	1.00	1	314101	05/16/23	05/16/23	LVL

Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

Analysis Results for 484652

Sample ID: F-23-1	Lab ID: 484652-015	Collected: 05/04/23 14:30
	Matrix: Soil	

484652-015 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 6010B Prep Method: EPA 3050B									
Antimony	ND		mg/Kg	3.0	0.99	313453	05/09/23	05/09/23	THP
Arsenic	**4.1**		mg/Kg	0.99	0.99	313453	05/09/23	05/09/23	THP
Barium	**120**		mg/Kg	0.99	0.99	313453	05/09/23	05/09/23	THP
Beryllium	ND		mg/Kg	0.50	0.99	313453	05/09/23	05/09/23	THP
Cadmium	ND		mg/Kg	0.50	0.99	313453	05/09/23	05/10/23	THP
Chromium	**53**		mg/Kg	0.99	0.99	313453	05/09/23	05/09/23	THP
Cobalt	**8.2**		mg/Kg	0.50	0.99	313453	05/09/23	05/09/23	THP
Copper	**26**		mg/Kg	0.99	0.99	313453	05/09/23	05/10/23	THP
Lead	**26**		mg/Kg	0.99	0.99	313453	05/09/23	05/10/23	THP
Molybdenum	**3.6**		mg/Kg	0.99	0.99	313453	05/09/23	05/09/23	THP
Nickel	**56**		mg/Kg	0.99	0.99	313453	05/09/23	05/10/23	THP
Selenium	ND		mg/Kg	3.0	0.99	313453	05/09/23	05/10/23	THP
Silicon	**280**		mg/Kg	97	0.97	314277	05/18/23	05/18/23	SBW
Silver	ND		mg/Kg	0.50	0.99	313453	05/09/23	05/09/23	THP
Thallium	ND		mg/Kg	3.0	0.99	313453	05/09/23	05/09/23	THP
Vanadium	**44**		mg/Kg	0.99	0.99	313453	05/09/23	05/09/23	THP
Zinc	**110**		mg/Kg	5.0	0.99	313453	05/09/23	05/10/23	THP
Method: EPA 7471A Prep Method: METHOD									
Mercury	ND		mg/Kg	0.16	1.1	313481	05/09/23	05/10/23	KAM
Method: EPA 8015B Prep Method: EPA 5035									
TPH Gasoline	ND		mg/Kg	2.3	0.76	313820	05/12/23	05/12/23	TCN
Surrogates				**Limits**					
Bromofluorobenzene (FID)	76%		%REC	60-140	0.76	313820	05/12/23	05/12/23	TCN
Method: EPA 8015M Prep Method: EPA 3580M									
DRO C10-C28	ND		mg/Kg	99	9.9	313535	05/09/23	05/11/23	BJG
ORO C28-C44	**350**		mg/Kg	200	9.9	313535	05/09/23	05/11/23	BJG
Surrogates				**Limits**					
n-Triacontane	101%		%REC	70-130	9.9	313535	05/09/23	05/11/23	BJG
Method: EPA 8260B Prep Method: EPA 5035									
Freon 12	ND		ug/Kg	4.5	0.91	313378	05/07/23	05/07/23	EJB
Chloromethane	ND		ug/Kg	4.5	0.91	313378	05/07/23	05/07/23	EJB
Vinyl Chloride	ND		ug/Kg	4.5	0.91	313378	05/07/23	05/07/23	EJB
Bromomethane	ND		ug/Kg	4.5	0.91	313378	05/07/23	05/07/23	EJB
Chloroethane	ND		ug/Kg	4.5	0.91	313378	05/07/23	05/07/23	EJB
Trichlorofluoromethane	ND		ug/Kg	4.5	0.91	313378	05/07/23	05/07/23	EJB
Acetone	ND		ug/Kg	91	0.91	313378	05/07/23	05/07/23	EJB

Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

Analysis Results for 484652

484652-015 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Freon 113	ND		ug/Kg	4.5	0.91	313378	05/07/23	05/07/23	EJB
1,1-Dichloroethene	ND		ug/Kg	4.5	0.91	313378	05/07/23	05/07/23	EJB
Methylene Chloride	ND		ug/Kg	4.5	0.91	313378	05/07/23	05/07/23	EJB
MTBE	ND		ug/Kg	4.5	0.91	313378	05/07/23	05/07/23	EJB
trans-1,2-Dichloroethene	ND		ug/Kg	4.5	0.91	313378	05/07/23	05/07/23	EJB
1,1-Dichloroethane	ND		ug/Kg	4.5	0.91	313378	05/07/23	05/07/23	EJB
2-Butanone	ND		ug/Kg	91	0.91	313378	05/07/23	05/07/23	EJB
cis-1,2-Dichloroethene	ND		ug/Kg	4.5	0.91	313378	05/07/23	05/07/23	EJB
2,2-Dichloropropane	ND		ug/Kg	4.5	0.91	313378	05/07/23	05/07/23	EJB
Chloroform	ND		ug/Kg	4.5	0.91	313378	05/07/23	05/07/23	EJB
Bromochloromethane	ND		ug/Kg	4.5	0.91	313378	05/07/23	05/07/23	EJB
1,1,1-Trichloroethane	ND		ug/Kg	4.5	0.91	313378	05/07/23	05/07/23	EJB
1,1-Dichloropropene	ND		ug/Kg	4.5	0.91	313378	05/07/23	05/07/23	EJB
Carbon Tetrachloride	ND		ug/Kg	4.5	0.91	313378	05/07/23	05/07/23	EJB
1,2-Dichloroethane	ND		ug/Kg	4.5	0.91	313378	05/07/23	05/07/23	EJB
Benzene	ND		ug/Kg	4.5	0.91	313378	05/07/23	05/07/23	EJB
Trichloroethene	ND		ug/Kg	4.5	0.91	313378	05/07/23	05/07/23	EJB
1,2-Dichloropropane	ND		ug/Kg	4.5	0.91	313378	05/07/23	05/07/23	EJB
Bromodichloromethane	ND		ug/Kg	4.5	0.91	313378	05/07/23	05/07/23	EJB
Dibromomethane	ND		ug/Kg	4.5	0.91	313378	05/07/23	05/07/23	EJB
4-Methyl-2-Pentanone	ND		ug/Kg	4.5	0.91	313378	05/07/23	05/07/23	EJB
cis-1,3-Dichloropropene	ND		ug/Kg	4.5	0.91	313378	05/07/23	05/07/23	EJB
Toluene	ND		ug/Kg	4.5	0.91	313378	05/07/23	05/07/23	EJB
trans-1,3-Dichloropropene	ND		ug/Kg	4.5	0.91	313378	05/07/23	05/07/23	EJB
1,1,2-Trichloroethane	ND		ug/Kg	4.5	0.91	313378	05/07/23	05/07/23	EJB
1,3-Dichloropropane	ND		ug/Kg	4.5	0.91	313378	05/07/23	05/07/23	EJB
Tetrachloroethene	ND		ug/Kg	4.5	0.91	313378	05/07/23	05/07/23	EJB
Dibromochloromethane	ND		ug/Kg	4.5	0.91	313378	05/07/23	05/07/23	EJB
1,2-Dibromoethane	ND		ug/Kg	4.5	0.91	313378	05/07/23	05/07/23	EJB
Chlorobenzene	ND		ug/Kg	4.5	0.91	313378	05/07/23	05/07/23	EJB
1,1,1,2-Tetrachloroethane	ND		ug/Kg	4.5	0.91	313378	05/07/23	05/07/23	EJB
Ethylbenzene	ND		ug/Kg	4.5	0.91	313378	05/07/23	05/07/23	EJB
m,p-Xylenes	ND		ug/Kg	9.1	0.91	313378	05/07/23	05/07/23	EJB
o-Xylene	ND		ug/Kg	4.5	0.91	313378	05/07/23	05/07/23	EJB
Styrene	ND		ug/Kg	4.5	0.91	313378	05/07/23	05/07/23	EJB
Bromoform	ND		ug/Kg	4.5	0.91	313378	05/07/23	05/07/23	EJB
Isopropylbenzene	ND		ug/Kg	4.5	0.91	313378	05/07/23	05/07/23	EJB
1,1,2,2-Tetrachloroethane	ND		ug/Kg	4.5	0.91	313378	05/07/23	05/07/23	EJB
1,2,3-Trichloropropane	ND		ug/Kg	4.5	0.91	313378	05/07/23	05/07/23	EJB
Propylbenzene	ND		ug/Kg	4.5	0.91	313378	05/07/23	05/07/23	EJB
Bromobenzene	ND		ug/Kg	4.5	0.91	313378	05/07/23	05/07/23	EJB
1,3,5-Trimethylbenzene	ND		ug/Kg	4.5	0.91	313378	05/07/23	05/07/23	EJB
2-Chlorotoluene	ND		ug/Kg	4.5	0.91	313378	05/07/23	05/07/23	EJB
4-Chlorotoluene	ND		ug/Kg	4.5	0.91	313378	05/07/23	05/07/23	EJB
tert-Butylbenzene	ND		ug/Kg	4.5	0.91	313378	05/07/23	05/07/23	EJB
1,2,4-Trimethylbenzene	ND		ug/Kg	4.5	0.91	313378	05/07/23	05/07/23	EJB

Results for any subcontracted analyses are not included in this section.

Analysis Results for 484652

484652-015 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
sec-Butylbenzene	ND		ug/Kg	4.5	0.91	313378	05/07/23	05/07/23	EJB
para-Isopropyl Toluene	ND		ug/Kg	4.5	0.91	313378	05/07/23	05/07/23	EJB
1,3-Dichlorobenzene	ND		ug/Kg	4.5	0.91	313378	05/07/23	05/07/23	EJB
1,4-Dichlorobenzene	ND		ug/Kg	4.5	0.91	313378	05/07/23	05/07/23	EJB
n-Butylbenzene	ND		ug/Kg	4.5	0.91	313378	05/07/23	05/07/23	EJB
1,2-Dichlorobenzene	ND		ug/Kg	4.5	0.91	313378	05/07/23	05/07/23	EJB
1,2-Dibromo-3-Chloropropane	ND		ug/Kg	4.5	0.91	313378	05/07/23	05/07/23	EJB
1,2,4-Trichlorobenzene	ND		ug/Kg	4.5	0.91	313378	05/07/23	05/07/23	EJB
Hexachlorobutadiene	ND		ug/Kg	4.5	0.91	313378	05/07/23	05/07/23	EJB
Naphthalene	ND		ug/Kg	4.5	0.91	313378	05/07/23	05/07/23	EJB
1,2,3-Trichlorobenzene	ND		ug/Kg	4.5	0.91	313378	05/07/23	05/07/23	EJB
Surrogates				**Limits**					
Dibromofluoromethane	99%		%REC	70-145	0.91	313378	05/07/23	05/07/23	EJB
1,2-Dichloroethane-d4	96%		%REC	70-145	0.91	313378	05/07/23	05/07/23	EJB
Toluene-d8	100%		%REC	70-145	0.91	313378	05/07/23	05/07/23	EJB
Bromofluorobenzene	106%		%REC	70-145	0.91	313378	05/07/23	05/07/23	EJB
Method: EPA 8270C Prep Method: EPA 3546									
Carbazole	ND		ug/Kg	2,500	10	313474	05/09/23	05/09/23	TJW
1-Methylnaphthalene	ND		ug/Kg	2,500	10	313474	05/09/23	05/09/23	TJW
Pyridine	ND		ug/Kg	2,500	10	313474	05/09/23	05/09/23	TJW
N-Nitrosodimethylamine	ND		ug/Kg	2,500	10	313474	05/09/23	05/09/23	TJW
Phenol	ND		ug/Kg	2,500	10	313474	05/09/23	05/09/23	TJW
Aniline	ND		ug/Kg	2,500	10	313474	05/09/23	05/09/23	TJW
bis(2-Chloroethyl)ether	ND		ug/Kg	12,000	10	313474	05/09/23	05/09/23	TJW
2-Chlorophenol	ND		ug/Kg	2,500	10	313474	05/09/23	05/09/23	TJW
1,3-Dichlorobenzene	ND		ug/Kg	2,500	10	313474	05/09/23	05/09/23	TJW
1,4-Dichlorobenzene	ND		ug/Kg	2,500	10	313474	05/09/23	05/09/23	TJW
Benzyl alcohol	ND		ug/Kg	2,500	10	313474	05/09/23	05/09/23	TJW
1,2-Dichlorobenzene	ND		ug/Kg	2,500	10	313474	05/09/23	05/09/23	TJW
2-Methylphenol	ND		ug/Kg	2,500	10	313474	05/09/23	05/09/23	TJW
bis(2-Chloroisopropyl) ether	ND		ug/Kg	2,500	10	313474	05/09/23	05/09/23	TJW
3-,4-Methylphenol	ND		ug/Kg	4,000	10	313474	05/09/23	05/09/23	TJW
N-Nitroso-di-n-propylamine	ND		ug/Kg	2,500	10	313474	05/09/23	05/09/23	TJW
Hexachloroethane	ND		ug/Kg	2,500	10	313474	05/09/23	05/09/23	TJW
Nitrobenzene	ND		ug/Kg	12,000	10	313474	05/09/23	05/09/23	TJW
Isophorone	ND		ug/Kg	2,500	10	313474	05/09/23	05/09/23	TJW
2-Nitrophenol	ND		ug/Kg	2,500	10	313474	05/09/23	05/09/23	TJW
2,4-Dimethylphenol	ND		ug/Kg	2,500	10	313474	05/09/23	05/09/23	TJW
Benzoic acid	ND		ug/Kg	12,000	10	313474	05/09/23	05/09/23	TJW
bis(2-Chloroethoxy)methane	ND		ug/Kg	2,500	10	313474	05/09/23	05/09/23	TJW
2,4-Dichlorophenol	ND		ug/Kg	2,500	10	313474	05/09/23	05/09/23	TJW
1,2,4-Trichlorobenzene	ND		ug/Kg	2,500	10	313474	05/09/23	05/09/23	TJW
Naphthalene	ND		ug/Kg	2,500	10	313474	05/09/23	05/09/23	TJW
4-Chloroaniline	ND		ug/Kg	2,500	10	313474	05/09/23	05/09/23	TJW
Hexachlorobutadiene	ND		ug/Kg	2,500	10	313474	05/09/23	05/09/23	TJW

Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

Analysis Results for 484652

484652-015 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
4-Chloro-3-methylphenol	ND		ug/Kg	2,500	10	313474	05/09/23	05/09/23	TJW
2-Methylnaphthalene	ND		ug/Kg	2,500	10	313474	05/09/23	05/09/23	TJW
Hexachlorocyclopentadiene	ND		ug/Kg	12,000	10	313474	05/09/23	05/09/23	TJW
2,4,6-Trichlorophenol	ND		ug/Kg	2,500	10	313474	05/09/23	05/09/23	TJW
2,4,5-Trichlorophenol	ND		ug/Kg	2,500	10	313474	05/09/23	05/09/23	TJW
2-Chloronaphthalene	ND		ug/Kg	2,500	10	313474	05/09/23	05/09/23	TJW
2-Nitroaniline	ND		ug/Kg	2,500	10	313474	05/09/23	05/09/23	TJW
Dimethylphthalate	ND		ug/Kg	2,500	10	313474	05/09/23	05/09/23	TJW
Acenaphthylene	ND		ug/Kg	2,500	10	313474	05/09/23	05/09/23	TJW
2,6-Dinitrotoluene	ND		ug/Kg	2,500	10	313474	05/09/23	05/09/23	TJW
3-Nitroaniline	ND		ug/Kg	2,500	10	313474	05/09/23	05/09/23	TJW
Acenaphthene	ND		ug/Kg	2,500	10	313474	05/09/23	05/09/23	TJW
2,4-Dinitrophenol	ND		ug/Kg	12,000	10	313474	05/09/23	05/09/23	TJW
4-Nitrophenol	ND		ug/Kg	2,500	10	313474	05/09/23	05/09/23	TJW
Dibenzofuran	ND		ug/Kg	2,500	10	313474	05/09/23	05/09/23	TJW
2,4-Dinitrotoluene	ND		ug/Kg	2,500	10	313474	05/09/23	05/09/23	TJW
Diethylphthalate	ND		ug/Kg	2,500	10	313474	05/09/23	05/09/23	TJW
Fluorene	ND		ug/Kg	2,500	10	313474	05/09/23	05/09/23	TJW
4-Chlorophenyl-phenylether	ND		ug/Kg	2,500	10	313474	05/09/23	05/09/23	TJW
4-Nitroaniline	ND		ug/Kg	2,500	10	313474	05/09/23	05/09/23	TJW
4,6-Dinitro-2-methylphenol	ND		ug/Kg	2,500	10	313474	05/09/23	05/09/23	TJW
N-Nitrosodiphenylamine	ND		ug/Kg	2,500	10	313474	05/09/23	05/09/23	TJW
1,2-diphenylhydrazine (as azobenzene)	ND		ug/Kg	2,500	10	313474	05/09/23	05/09/23	TJW
4-Bromophenyl-phenylether	ND		ug/Kg	2,500	10	313474	05/09/23	05/09/23	TJW
Hexachlorobenzene	ND		ug/Kg	2,500	10	313474	05/09/23	05/09/23	TJW
Pentachlorophenol	ND		ug/Kg	12,000	10	313474	05/09/23	05/09/23	TJW
Phenanthrene	ND		ug/Kg	2,500	10	313474	05/09/23	05/09/23	TJW
Anthracene	ND		ug/Kg	2,500	10	313474	05/09/23	05/09/23	TJW
Di-n-butylphthalate	ND		ug/Kg	2,500	10	313474	05/09/23	05/09/23	TJW
Fluoranthene	ND		ug/Kg	2,500	10	313474	05/09/23	05/09/23	TJW
Benzidine	ND		ug/Kg	12,000	10	313474	05/09/23	05/09/23	TJW
Pyrene	ND		ug/Kg	2,500	10	313474	05/09/23	05/09/23	TJW
Butylbenzylphthalate	ND		ug/Kg	2,500	10	313474	05/09/23	05/09/23	TJW
3,3'-Dichlorobenzidine	ND		ug/Kg	12,000	10	313474	05/09/23	05/09/23	TJW
Benzo(a)anthracene	ND		ug/Kg	2,500	10	313474	05/09/23	05/09/23	TJW
Chrysene	ND		ug/Kg	2,500	10	313474	05/09/23	05/09/23	TJW
bis(2-Ethylhexyl)phthalate	ND		ug/Kg	2,500	10	313474	05/09/23	05/09/23	TJW
Di-n-octylphthalate	ND		ug/Kg	2,500	10	313474	05/09/23	05/09/23	TJW
Benzo(b)fluoranthene	ND		ug/Kg	2,500	10	313474	05/09/23	05/09/23	TJW
Benzo(k)fluoranthene	ND		ug/Kg	2,500	10	313474	05/09/23	05/09/23	TJW
Benzo(a)pyrene	ND		ug/Kg	2,500	10	313474	05/09/23	05/09/23	TJW
Indeno(1,2,3-cd)pyrene	ND		ug/Kg	2,500	10	313474	05/09/23	05/09/23	TJW
Dibenz(a,h)anthracene	ND		ug/Kg	2,500	10	313474	05/09/23	05/09/23	TJW
Benzo(g,h,i)perylene	ND		ug/Kg	2,500	10	313474	05/09/23	05/09/23	TJW
Surrogates				**Limits**					
2-Fluorophenol	46%		%REC	29-120	10	313474	05/09/23	05/09/23	TJW

Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

Analysis Results for 484652

484652-015 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Phenol-d6	75%		%REC	30-120	10	313474	05/09/23	05/09/23	TJW
2,4,6-Tribromophenol	31%	*	%REC	32-120	10	313474	05/09/23	05/09/23	TJW
Nitrobenzene-d5	80%		%REC	33-120	10	313474	05/09/23	05/09/23	TJW
2-Fluorobiphenyl	74%		%REC	39-120	10	313474	05/09/23	05/09/23	TJW
Terphenyl-d14	60%		%REC	44-125	10	313474	05/09/23	05/09/23	TJW
Method: EPA 9045C									
pH	**9.83**		SU		1	314109	05/16/23	05/16/23	LVL
Temperature	**23.00**		deg C	1.00	1	314109	05/16/23	05/16/23	LVL

Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

Analysis Results for 484652

Sample ID: F-24-1	Lab ID: 484652-016	Collected: 05/04/23 15:11
	Matrix: Soil	

484652-016 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 6010B Prep Method: EPA 3050B									
Antimony	ND		mg/Kg	3.0	0.99	313453	05/09/23	05/09/23	THP
Arsenic	**3.4**		mg/Kg	0.99	0.99	313453	05/09/23	05/09/23	THP
Barium	**140**		mg/Kg	0.99	0.99	313453	05/09/23	05/09/23	THP
Beryllium	ND		mg/Kg	0.50	0.99	313453	05/09/23	05/09/23	THP
Cadmium	ND		mg/Kg	0.50	0.99	313453	05/09/23	05/10/23	THP
Chromium	**50**		mg/Kg	0.99	0.99	313453	05/09/23	05/09/23	THP
Cobalt	**7.3**		mg/Kg	0.50	0.99	313453	05/09/23	05/09/23	THP
Copper	**21**		mg/Kg	0.99	0.99	313453	05/09/23	05/10/23	THP
Lead	**30**		mg/Kg	0.99	0.99	313453	05/09/23	05/10/23	THP
Molybdenum	**1.5**		mg/Kg	0.99	0.99	313453	05/09/23	05/09/23	THP
Nickel	**39**		mg/Kg	0.99	0.99	313453	05/09/23	05/10/23	THP
Selenium	ND		mg/Kg	3.0	0.99	313453	05/09/23	05/10/23	THP
Silver	ND		mg/Kg	0.50	0.99	313453	05/09/23	05/09/23	THP
Thallium	ND		mg/Kg	3.0	0.99	313453	05/09/23	05/09/23	THP
Vanadium	**51**		mg/Kg	0.99	0.99	313453	05/09/23	05/09/23	THP
Zinc	**73**		mg/Kg	5.0	0.99	313453	05/09/23	05/10/23	THP
Method: EPA 7471A Prep Method: METHOD									
Mercury	ND		mg/Kg	0.16	1.1	313481	05/09/23	05/10/23	KAM
Method: EPA 8015B Prep Method: EPA 5035									
TPH Gasoline	ND		mg/Kg	2.5	0.83	313820	05/12/23	05/12/23	TCN
Surrogates				**Limits**					
Bromofluorobenzene (FID)	73%		%REC	60-140	0.83	313820	05/12/23	05/12/23	TCN
Method: EPA 8015M Prep Method: EPA 3580M									
DRO C10-C28	**5,900**		mg/Kg	99	9.9	313535	05/09/23	05/11/23	BJG
ORO C28-C44	**1,300**		mg/Kg	200	9.9	313535	05/09/23	05/11/23	BJG
Surrogates				**Limits**					
n-Triacontane	117%		%REC	70-130	9.9	313535	05/09/23	05/11/23	BJG
Method: EPA 8260B Prep Method: EPA 5035									
Freon 12	ND		ug/Kg	4.7	0.93	313378	05/07/23	05/07/23	EJB
Chloromethane	ND		ug/Kg	4.7	0.93	313378	05/07/23	05/07/23	EJB
Vinyl Chloride	ND		ug/Kg	4.7	0.93	313378	05/07/23	05/07/23	EJB
Bromomethane	ND		ug/Kg	4.7	0.93	313378	05/07/23	05/07/23	EJB
Chloroethane	ND		ug/Kg	4.7	0.93	313378	05/07/23	05/07/23	EJB
Trichlorofluoromethane	ND		ug/Kg	4.7	0.93	313378	05/07/23	05/07/23	EJB
Acetone	ND		ug/Kg	93	0.93	313378	05/07/23	05/07/23	EJB
Freon 113	ND		ug/Kg	4.7	0.93	313378	05/07/23	05/07/23	EJB

Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

Analysis Results for 484652

484652-016 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
1,1-Dichloroethene	ND		ug/Kg	4.7	0.93	313378	05/07/23	05/07/23	EJB
Methylene Chloride	ND		ug/Kg	4.7	0.93	313378	05/07/23	05/07/23	EJB
MTBE	ND		ug/Kg	4.7	0.93	313378	05/07/23	05/07/23	EJB
trans-1,2-Dichloroethene	ND		ug/Kg	4.7	0.93	313378	05/07/23	05/07/23	EJB
1,1-Dichloroethane	ND		ug/Kg	4.7	0.93	313378	05/07/23	05/07/23	EJB
2-Butanone	ND		ug/Kg	93	0.93	313378	05/07/23	05/07/23	EJB
cis-1,2-Dichloroethene	ND		ug/Kg	4.7	0.93	313378	05/07/23	05/07/23	EJB
2,2-Dichloropropane	ND		ug/Kg	4.7	0.93	313378	05/07/23	05/07/23	EJB
Chloroform	ND		ug/Kg	4.7	0.93	313378	05/07/23	05/07/23	EJB
Bromochloromethane	ND		ug/Kg	4.7	0.93	313378	05/07/23	05/07/23	EJB
1,1,1-Trichloroethane	ND		ug/Kg	4.7	0.93	313378	05/07/23	05/07/23	EJB
1,1-Dichloropropene	ND		ug/Kg	4.7	0.93	313378	05/07/23	05/07/23	EJB
Carbon Tetrachloride	ND		ug/Kg	4.7	0.93	313378	05/07/23	05/07/23	EJB
1,2-Dichloroethane	ND		ug/Kg	4.7	0.93	313378	05/07/23	05/07/23	EJB
Benzene	**11**		ug/Kg	4.7	0.93	313378	05/07/23	05/07/23	EJB
Trichloroethene	ND		ug/Kg	4.7	0.93	313378	05/07/23	05/07/23	EJB
1,2-Dichloropropane	ND		ug/Kg	4.7	0.93	313378	05/07/23	05/07/23	EJB
Bromodichloromethane	ND		ug/Kg	4.7	0.93	313378	05/07/23	05/07/23	EJB
Dibromomethane	ND		ug/Kg	4.7	0.93	313378	05/07/23	05/07/23	EJB
4-Methyl-2-Pentanone	ND		ug/Kg	4.7	0.93	313378	05/07/23	05/07/23	EJB
cis-1,3-Dichloropropene	ND		ug/Kg	4.7	0.93	313378	05/07/23	05/07/23	EJB
Toluene	**8.3**		ug/Kg	4.7	0.93	313378	05/07/23	05/07/23	EJB
trans-1,3-Dichloropropene	ND		ug/Kg	4.7	0.93	313378	05/07/23	05/07/23	EJB
1,1,2-Trichloroethane	ND		ug/Kg	4.7	0.93	313378	05/07/23	05/07/23	EJB
1,3-Dichloropropane	ND		ug/Kg	4.7	0.93	313378	05/07/23	05/07/23	EJB
Tetrachloroethene	ND		ug/Kg	4.7	0.93	313378	05/07/23	05/07/23	EJB
Dibromochloromethane	ND		ug/Kg	4.7	0.93	313378	05/07/23	05/07/23	EJB
1,2-Dibromoethane	ND		ug/Kg	4.7	0.93	313378	05/07/23	05/07/23	EJB
Chlorobenzene	ND		ug/Kg	4.7	0.93	313378	05/07/23	05/07/23	EJB
1,1,1,2-Tetrachloroethane	ND		ug/Kg	4.7	0.93	313378	05/07/23	05/07/23	EJB
Ethylbenzene	ND		ug/Kg	4.7	0.93	313378	05/07/23	05/07/23	EJB
m,p-Xylenes	ND		ug/Kg	9.3	0.93	313378	05/07/23	05/07/23	EJB
o-Xylene	ND		ug/Kg	4.7	0.93	313378	05/07/23	05/07/23	EJB
Styrene	ND		ug/Kg	4.7	0.93	313378	05/07/23	05/07/23	EJB
Bromoform	ND		ug/Kg	4.7	0.93	313378	05/07/23	05/07/23	EJB
Isopropylbenzene	ND		ug/Kg	4.7	0.93	313378	05/07/23	05/07/23	EJB
1,1,2,2-Tetrachloroethane	ND		ug/Kg	4.7	0.93	313378	05/07/23	05/07/23	EJB
1,2,3-Trichloropropane	ND		ug/Kg	4.7	0.93	313378	05/07/23	05/07/23	EJB
Propylbenzene	ND		ug/Kg	4.7	0.93	313378	05/07/23	05/07/23	EJB
Bromobenzene	ND		ug/Kg	4.7	0.93	313378	05/07/23	05/07/23	EJB
1,3,5-Trimethylbenzene	ND		ug/Kg	4.7	0.93	313378	05/07/23	05/07/23	EJB
2-Chlorotoluene	ND		ug/Kg	4.7	0.93	313378	05/07/23	05/07/23	EJB
4-Chlorotoluene	ND		ug/Kg	4.7	0.93	313378	05/07/23	05/07/23	EJB
tert-Butylbenzene	ND		ug/Kg	4.7	0.93	313378	05/07/23	05/07/23	EJB
1,2,4-Trimethylbenzene	ND		ug/Kg	4.7	0.93	313378	05/07/23	05/07/23	EJB
sec-Butylbenzene	ND		ug/Kg	4.7	0.93	313378	05/07/23	05/07/23	EJB

Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

Analysis Results for 484652

484652-016 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
para-Isopropyl Toluene	ND		ug/Kg	4.7	0.93	313378	05/07/23	05/07/23	EJB
1,3-Dichlorobenzene	ND		ug/Kg	4.7	0.93	313378	05/07/23	05/07/23	EJB
1,4-Dichlorobenzene	ND		ug/Kg	4.7	0.93	313378	05/07/23	05/07/23	EJB
n-Butylbenzene	ND		ug/Kg	4.7	0.93	313378	05/07/23	05/07/23	EJB
1,2-Dichlorobenzene	ND		ug/Kg	4.7	0.93	313378	05/07/23	05/07/23	EJB
1,2-Dibromo-3-Chloropropane	ND		ug/Kg	4.7	0.93	313378	05/07/23	05/07/23	EJB
1,2,4-Trichlorobenzene	ND		ug/Kg	4.7	0.93	313378	05/07/23	05/07/23	EJB
Hexachlorobutadiene	ND		ug/Kg	4.7	0.93	313378	05/07/23	05/07/23	EJB
Naphthalene	ND		ug/Kg	4.7	0.93	313378	05/07/23	05/07/23	EJB
1,2,3-Trichlorobenzene	ND		ug/Kg	4.7	0.93	313378	05/07/23	05/07/23	EJB
Surrogates				**Limits**					
Dibromofluoromethane	91%		%REC	70-145	0.93	313378	05/07/23	05/07/23	EJB
1,2-Dichloroethane-d4	98%		%REC	70-145	0.93	313378	05/07/23	05/07/23	EJB
Toluene-d8	101%		%REC	70-145	0.93	313378	05/07/23	05/07/23	EJB
Bromofluorobenzene	111%		%REC	70-145	0.93	313378	05/07/23	05/07/23	EJB
Method: EPA 8270C Prep Method: EPA 3546									
Carbazole	ND		ug/Kg	2,500	10	313474	05/09/23	05/10/23	TJW
1-Methylnaphthalene	ND		ug/Kg	2,500	10	313474	05/09/23	05/10/23	TJW
Pyridine	ND		ug/Kg	2,500	10	313474	05/09/23	05/10/23	TJW
N-Nitrosodimethylamine	ND		ug/Kg	2,500	10	313474	05/09/23	05/10/23	TJW
Phenol	ND		ug/Kg	2,500	10	313474	05/09/23	05/10/23	TJW
Aniline	ND		ug/Kg	2,500	10	313474	05/09/23	05/10/23	TJW
bis(2-Chloroethyl)ether	ND		ug/Kg	12,000	10	313474	05/09/23	05/10/23	TJW
2-Chlorophenol	ND		ug/Kg	2,500	10	313474	05/09/23	05/10/23	TJW
1,3-Dichlorobenzene	ND		ug/Kg	2,500	10	313474	05/09/23	05/10/23	TJW
1,4-Dichlorobenzene	ND		ug/Kg	2,500	10	313474	05/09/23	05/10/23	TJW
Benzyl alcohol	ND		ug/Kg	2,500	10	313474	05/09/23	05/10/23	TJW
1,2-Dichlorobenzene	ND		ug/Kg	2,500	10	313474	05/09/23	05/10/23	TJW
2-Methylphenol	ND		ug/Kg	2,500	10	313474	05/09/23	05/10/23	TJW
bis(2-Chloroisopropyl) ether	ND		ug/Kg	2,500	10	313474	05/09/23	05/10/23	TJW
3-,4-Methylphenol	ND		ug/Kg	4,000	10	313474	05/09/23	05/10/23	TJW
N-Nitroso-di-n-propylamine	ND		ug/Kg	2,500	10	313474	05/09/23	05/10/23	TJW
Hexachloroethane	ND		ug/Kg	2,500	10	313474	05/09/23	05/10/23	TJW
Nitrobenzene	ND		ug/Kg	12,000	10	313474	05/09/23	05/10/23	TJW
Isophorone	ND		ug/Kg	2,500	10	313474	05/09/23	05/10/23	TJW
2-Nitrophenol	ND		ug/Kg	2,500	10	313474	05/09/23	05/10/23	TJW
2,4-Dimethylphenol	ND		ug/Kg	2,500	10	313474	05/09/23	05/10/23	TJW
Benzoic acid	ND		ug/Kg	12,000	10	313474	05/09/23	05/10/23	TJW
bis(2-Chloroethoxy)methane	ND		ug/Kg	2,500	10	313474	05/09/23	05/10/23	TJW
2,4-Dichlorophenol	ND		ug/Kg	2,500	10	313474	05/09/23	05/10/23	TJW
1,2,4-Trichlorobenzene	ND		ug/Kg	2,500	10	313474	05/09/23	05/10/23	TJW
Naphthalene	ND		ug/Kg	2,500	10	313474	05/09/23	05/10/23	TJW
4-Chloroaniline	ND		ug/Kg	2,500	10	313474	05/09/23	05/10/23	TJW
Hexachlorobutadiene	ND		ug/Kg	2,500	10	313474	05/09/23	05/10/23	TJW
4-Chloro-3-methylphenol	ND		ug/Kg	2,500	10	313474	05/09/23	05/10/23	TJW

Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

Analysis Results for 484652

484652-016 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
2-Methylnaphthalene	ND		ug/Kg	2,500	10	313474	05/09/23	05/10/23	TJW
Hexachlorocyclopentadiene	ND		ug/Kg	12,000	10	313474	05/09/23	05/10/23	TJW
2,4,6-Trichlorophenol	ND		ug/Kg	2,500	10	313474	05/09/23	05/10/23	TJW
2,4,5-Trichlorophenol	ND		ug/Kg	2,500	10	313474	05/09/23	05/10/23	TJW
2-Chloronaphthalene	ND		ug/Kg	2,500	10	313474	05/09/23	05/10/23	TJW
2-Nitroaniline	ND		ug/Kg	2,500	10	313474	05/09/23	05/10/23	TJW
Dimethylphthalate	ND		ug/Kg	2,500	10	313474	05/09/23	05/10/23	TJW
Acenaphthylene	ND		ug/Kg	2,500	10	313474	05/09/23	05/10/23	TJW
2,6-Dinitrotoluene	ND		ug/Kg	2,500	10	313474	05/09/23	05/10/23	TJW
3-Nitroaniline	ND		ug/Kg	2,500	10	313474	05/09/23	05/10/23	TJW
Acenaphthene	ND		ug/Kg	2,500	10	313474	05/09/23	05/10/23	TJW
2,4-Dinitrophenol	ND		ug/Kg	12,000	10	313474	05/09/23	05/10/23	TJW
4-Nitrophenol	ND		ug/Kg	2,500	10	313474	05/09/23	05/10/23	TJW
Dibenzofuran	ND		ug/Kg	2,500	10	313474	05/09/23	05/10/23	TJW
2,4-Dinitrotoluene	ND		ug/Kg	2,500	10	313474	05/09/23	05/10/23	TJW
Diethylphthalate	ND		ug/Kg	2,500	10	313474	05/09/23	05/10/23	TJW
Fluorene	ND		ug/Kg	2,500	10	313474	05/09/23	05/10/23	TJW
4-Chlorophenyl-phenylether	ND		ug/Kg	2,500	10	313474	05/09/23	05/10/23	TJW
4-Nitroaniline	ND		ug/Kg	2,500	10	313474	05/09/23	05/10/23	TJW
4,6-Dinitro-2-methylphenol	ND		ug/Kg	2,500	10	313474	05/09/23	05/10/23	TJW
N-Nitrosodiphenylamine	ND		ug/Kg	2,500	10	313474	05/09/23	05/10/23	TJW
1,2-diphenylhydrazine (as azobenzene)	ND		ug/Kg	2,500	10	313474	05/09/23	05/10/23	TJW
4-Bromophenyl-phenylether	ND		ug/Kg	2,500	10	313474	05/09/23	05/10/23	TJW
Hexachlorobenzene	ND		ug/Kg	2,500	10	313474	05/09/23	05/10/23	TJW
Pentachlorophenol	ND		ug/Kg	12,000	10	313474	05/09/23	05/10/23	TJW
Phenanthrene	ND		ug/Kg	2,500	10	313474	05/09/23	05/10/23	TJW
Anthracene	ND		ug/Kg	2,500	10	313474	05/09/23	05/10/23	TJW
Di-n-butylphthalate	ND		ug/Kg	2,500	10	313474	05/09/23	05/10/23	TJW
Fluoranthene	ND		ug/Kg	2,500	10	313474	05/09/23	05/10/23	TJW
Benzidine	ND		ug/Kg	12,000	10	313474	05/09/23	05/10/23	TJW
Pyrene	ND		ug/Kg	2,500	10	313474	05/09/23	05/10/23	TJW
Butylbenzylphthalate	ND		ug/Kg	2,500	10	313474	05/09/23	05/10/23	TJW
3,3'-Dichlorobenzidine	ND		ug/Kg	12,000	10	313474	05/09/23	05/10/23	TJW
Benzo(a)anthracene	ND		ug/Kg	2,500	10	313474	05/09/23	05/10/23	TJW
Chrysene	ND		ug/Kg	2,500	10	313474	05/09/23	05/10/23	TJW
bis(2-Ethylhexyl)phthalate	ND		ug/Kg	2,500	10	313474	05/09/23	05/10/23	TJW
Di-n-octylphthalate	ND		ug/Kg	2,500	10	313474	05/09/23	05/10/23	TJW
Benzo(b)fluoranthene	ND		ug/Kg	2,500	10	313474	05/09/23	05/10/23	TJW
Benzo(k)fluoranthene	ND		ug/Kg	2,500	10	313474	05/09/23	05/10/23	TJW
Benzo(a)pyrene	ND		ug/Kg	2,500	10	313474	05/09/23	05/10/23	TJW
Indeno(1,2,3-cd)pyrene	ND		ug/Kg	2,500	10	313474	05/09/23	05/10/23	TJW
Dibenz(a,h)anthracene	ND		ug/Kg	2,500	10	313474	05/09/23	05/10/23	TJW
Benzo(g,h,i)perylene	ND		ug/Kg	2,500	10	313474	05/09/23	05/10/23	TJW
Surrogates				**Limits**					
2-Fluorophenol	61%		%REC	29-120	10	313474	05/09/23	05/10/23	TJW
Phenol-d6	63%		%REC	30-120	10	313474	05/09/23	05/10/23	TJW

Results for any subcontracted analyses are not included in this section.

Analysis Results for 484652

484652-016 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
2,4,6-Tribromophenol	56%		%REC	32-120	10	313474	05/09/23	05/10/23	TJW
Nitrobenzene-d5	78%		%REC	33-120	10	313474	05/09/23	05/10/23	TJW
2-Fluorobiphenyl	65%		%REC	39-120	10	313474	05/09/23	05/10/23	TJW
Terphenyl-d14	63%		%REC	44-125	10	313474	05/09/23	05/10/23	TJW

Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

Analysis Results for 484652

Sample ID: F-24-5	Lab ID: 484652-017	Collected: 05/04/23 15:40
	Matrix: Soil	

484652-017 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 6010B Prep Method: EPA 3050B									
Antimony	ND		mg/Kg	2.9	0.98	313453	05/09/23	05/09/23	THP
Arsenic	**4.4**		mg/Kg	0.98	0.98	313453	05/09/23	05/09/23	THP
Barium	**120**		mg/Kg	0.98	0.98	313453	05/09/23	05/09/23	THP
Beryllium	ND		mg/Kg	0.49	0.98	313453	05/09/23	05/09/23	THP
Cadmium	ND		mg/Kg	0.49	0.98	313453	05/09/23	05/10/23	THP
Chromium	**49**		mg/Kg	0.98	0.98	313453	05/09/23	05/09/23	THP
Cobalt	**9.9**		mg/Kg	0.49	0.98	313453	05/09/23	05/09/23	THP
Copper	**27**		mg/Kg	0.98	0.98	313453	05/09/23	05/10/23	THP
Lead	**37**		mg/Kg	0.98	0.98	313453	05/09/23	05/10/23	THP
Molybdenum	**2.1**		mg/Kg	0.98	0.98	313453	05/09/23	05/09/23	THP
Nickel	**52**		mg/Kg	0.98	0.98	313453	05/09/23	05/10/23	THP
Selenium	ND		mg/Kg	2.9	0.98	313453	05/09/23	05/10/23	THP
Silicon	**260**		mg/Kg	97	0.97	314277	05/18/23	05/18/23	SBW
Silver	ND		mg/Kg	0.49	0.98	313453	05/09/23	05/09/23	THP
Thallium	ND		mg/Kg	2.9	0.98	313453	05/09/23	05/09/23	THP
Vanadium	**52**		mg/Kg	0.98	0.98	313453	05/09/23	05/09/23	THP
Zinc	**62**		mg/Kg	4.9	0.98	313453	05/09/23	05/10/23	THP
Method: EPA 7471A Prep Method: METHOD									
Mercury	ND		mg/Kg	0.16	1.2	313481	05/09/23	05/10/23	KAM
Method: EPA 8015B Prep Method: EPA 5035									
TPH Gasoline	ND		mg/Kg	2.6	0.87	314051	05/16/23	05/16/23	SXR
Surrogates				**Limits**					
Bromofluorobenzene (FID)	72%		%REC	60-140	0.87	314051	05/16/23	05/16/23	SXR
Method: EPA 8015M Prep Method: EPA 3580M									
DRO C10-C28	**360**		mg/Kg	200	20	313535	05/09/23	05/11/23	BJG
ORO C28-C44	**1,600**		mg/Kg	400	20	313535	05/09/23	05/11/23	BJG
Surrogates				**Limits**					
n-Triacontane		DO	%REC	70-130	20	313535	05/09/23	05/11/23	BJG
Method: EPA 8260B Prep Method: EPA 5035									
Freon 12	ND		ug/Kg	270	54	313378	05/07/23	05/07/23	EJB
Chloromethane	ND		ug/Kg	270	54	313378	05/07/23	05/07/23	EJB
Vinyl Chloride	ND		ug/Kg	270	54	313378	05/07/23	05/07/23	EJB
Bromomethane	ND		ug/Kg	270	54	313378	05/07/23	05/07/23	EJB
Chloroethane	ND		ug/Kg	270	54	313378	05/07/23	05/07/23	EJB
Trichlorofluoromethane	ND		ug/Kg	270	54	313378	05/07/23	05/07/23	EJB
Acetone	ND		ug/Kg	5,400	54	313378	05/07/23	05/07/23	EJB

Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

Analysis Results for 484652

484652-017 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Freon 113	ND		ug/Kg	270	54	313378	05/07/23	05/07/23	EJB
1,1-Dichloroethene	ND		ug/Kg	270	54	313378	05/07/23	05/07/23	EJB
Methylene Chloride	ND		ug/Kg	270	54	313378	05/07/23	05/07/23	EJB
MTBE	ND		ug/Kg	270	54	313378	05/07/23	05/07/23	EJB
trans-1,2-Dichloroethene	ND		ug/Kg	270	54	313378	05/07/23	05/07/23	EJB
1,1-Dichloroethane	ND		ug/Kg	270	54	313378	05/07/23	05/07/23	EJB
2-Butanone	ND		ug/Kg	5,400	54	313378	05/07/23	05/07/23	EJB
cis-1,2-Dichloroethene	ND		ug/Kg	270	54	313378	05/07/23	05/07/23	EJB
2,2-Dichloropropane	ND		ug/Kg	270	54	313378	05/07/23	05/07/23	EJB
Chloroform	ND		ug/Kg	270	54	313378	05/07/23	05/07/23	EJB
Bromochloromethane	ND		ug/Kg	270	54	313378	05/07/23	05/07/23	EJB
1,1,1-Trichloroethane	ND		ug/Kg	270	54	313378	05/07/23	05/07/23	EJB
1,1-Dichloropropene	ND		ug/Kg	270	54	313378	05/07/23	05/07/23	EJB
Carbon Tetrachloride	ND		ug/Kg	270	54	313378	05/07/23	05/07/23	EJB
1,2-Dichloroethane	ND		ug/Kg	270	54	313378	05/07/23	05/07/23	EJB
Benzene	ND		ug/Kg	270	54	313378	05/07/23	05/07/23	EJB
Trichloroethene	ND		ug/Kg	270	54	313378	05/07/23	05/07/23	EJB
1,2-Dichloropropane	ND		ug/Kg	270	54	313378	05/07/23	05/07/23	EJB
Bromodichloromethane	ND		ug/Kg	270	54	313378	05/07/23	05/07/23	EJB
Dibromomethane	ND		ug/Kg	270	54	313378	05/07/23	05/07/23	EJB
4-Methyl-2-Pentanone	ND		ug/Kg	270	54	313378	05/07/23	05/07/23	EJB
cis-1,3-Dichloropropene	ND		ug/Kg	270	54	313378	05/07/23	05/07/23	EJB
Toluene	ND		ug/Kg	270	54	313378	05/07/23	05/07/23	EJB
trans-1,3-Dichloropropene	ND		ug/Kg	270	54	313378	05/07/23	05/07/23	EJB
1,1,2-Trichloroethane	ND		ug/Kg	270	54	313378	05/07/23	05/07/23	EJB
1,3-Dichloropropane	ND		ug/Kg	270	54	313378	05/07/23	05/07/23	EJB
Tetrachloroethene	ND		ug/Kg	270	54	313378	05/07/23	05/07/23	EJB
Dibromochloromethane	ND		ug/Kg	270	54	313378	05/07/23	05/07/23	EJB
1,2-Dibromoethane	ND		ug/Kg	270	54	313378	05/07/23	05/07/23	EJB
Chlorobenzene	ND		ug/Kg	270	54	313378	05/07/23	05/07/23	EJB
1,1,1,2-Tetrachloroethane	ND		ug/Kg	270	54	313378	05/07/23	05/07/23	EJB
Ethylbenzene	ND		ug/Kg	270	54	313378	05/07/23	05/07/23	EJB
m,p-Xylenes	ND		ug/Kg	540	54	313378	05/07/23	05/07/23	EJB
o-Xylene	ND		ug/Kg	270	54	313378	05/07/23	05/07/23	EJB
Styrene	ND		ug/Kg	270	54	313378	05/07/23	05/07/23	EJB
Bromoform	ND		ug/Kg	270	54	313378	05/07/23	05/07/23	EJB
Isopropylbenzene	ND		ug/Kg	270	54	313378	05/07/23	05/07/23	EJB
1,1,2,2-Tetrachloroethane	ND		ug/Kg	270	54	313378	05/07/23	05/07/23	EJB
1,2,3-Trichloropropane	ND		ug/Kg	270	54	313378	05/07/23	05/07/23	EJB
Propylbenzene	ND		ug/Kg	270	54	313378	05/07/23	05/07/23	EJB
Bromobenzene	ND		ug/Kg	270	54	313378	05/07/23	05/07/23	EJB
1,3,5-Trimethylbenzene	ND		ug/Kg	270	54	313378	05/07/23	05/07/23	EJB
2-Chlorotoluene	ND		ug/Kg	270	54	313378	05/07/23	05/07/23	EJB
4-Chlorotoluene	ND		ug/Kg	270	54	313378	05/07/23	05/07/23	EJB
tert-Butylbenzene	ND		ug/Kg	270	54	313378	05/07/23	05/07/23	EJB
1,2,4-Trimethylbenzene	ND		ug/Kg	270	54	313378	05/07/23	05/07/23	EJB

Results for any subcontracted analyses are not included in this section.

Analysis Results for 484652

484652-017 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
sec-Butylbenzene	ND		ug/Kg	270	54	313378	05/07/23	05/07/23	EJB
para-Isopropyl Toluene	ND		ug/Kg	270	54	313378	05/07/23	05/07/23	EJB
1,3-Dichlorobenzene	ND		ug/Kg	270	54	313378	05/07/23	05/07/23	EJB
1,4-Dichlorobenzene	ND		ug/Kg	270	54	313378	05/07/23	05/07/23	EJB
n-Butylbenzene	ND		ug/Kg	270	54	313378	05/07/23	05/07/23	EJB
1,2-Dichlorobenzene	ND		ug/Kg	270	54	313378	05/07/23	05/07/23	EJB
1,2-Dibromo-3-Chloropropane	ND		ug/Kg	270	54	313378	05/07/23	05/07/23	EJB
1,2,4-Trichlorobenzene	ND		ug/Kg	270	54	313378	05/07/23	05/07/23	EJB
Hexachlorobutadiene	ND		ug/Kg	270	54	313378	05/07/23	05/07/23	EJB
Naphthalene	ND		ug/Kg	270	54	313378	05/07/23	05/07/23	EJB
1,2,3-Trichlorobenzene	ND		ug/Kg	270	54	313378	05/07/23	05/07/23	EJB
Surrogates				**Limits**					
Dibromofluoromethane	92%		%REC	70-145	54	313378	05/07/23	05/07/23	EJB
1,2-Dichloroethane-d4	95%		%REC	70-145	54	313378	05/07/23	05/07/23	EJB
Toluene-d8	102%		%REC	70-145	54	313378	05/07/23	05/07/23	EJB
Bromofluorobenzene	99%		%REC	70-145	54	313378	05/07/23	05/07/23	EJB
Method: EPA 8270C Prep Method: EPA 3546									
Carbazole	ND		ug/Kg	5,000	20	313474	05/09/23	05/10/23	TJW
1-Methylnaphthalene	ND		ug/Kg	5,000	20	313474	05/09/23	05/10/23	TJW
Pyridine	ND		ug/Kg	5,000	20	313474	05/09/23	05/10/23	TJW
N-Nitrosodimethylamine	ND		ug/Kg	5,000	20	313474	05/09/23	05/10/23	TJW
Phenol	ND		ug/Kg	5,000	20	313474	05/09/23	05/10/23	TJW
Aniline	ND		ug/Kg	5,000	20	313474	05/09/23	05/10/23	TJW
bis(2-Chloroethyl)ether	ND		ug/Kg	24,000	20	313474	05/09/23	05/10/23	TJW
2-Chlorophenol	ND		ug/Kg	5,000	20	313474	05/09/23	05/10/23	TJW
1,3-Dichlorobenzene	ND		ug/Kg	5,000	20	313474	05/09/23	05/10/23	TJW
1,4-Dichlorobenzene	ND		ug/Kg	5,000	20	313474	05/09/23	05/10/23	TJW
Benzyl alcohol	ND		ug/Kg	5,000	20	313474	05/09/23	05/10/23	TJW
1,2-Dichlorobenzene	ND		ug/Kg	5,000	20	313474	05/09/23	05/10/23	TJW
2-Methylphenol	ND		ug/Kg	5,000	20	313474	05/09/23	05/10/23	TJW
bis(2-Chloroisopropyl) ether	ND		ug/Kg	5,000	20	313474	05/09/23	05/10/23	TJW
3-,4-Methylphenol	ND		ug/Kg	8,000	20	313474	05/09/23	05/10/23	TJW
N-Nitroso-di-n-propylamine	ND		ug/Kg	5,000	20	313474	05/09/23	05/10/23	TJW
Hexachloroethane	ND		ug/Kg	5,000	20	313474	05/09/23	05/10/23	TJW
Nitrobenzene	ND		ug/Kg	24,000	20	313474	05/09/23	05/10/23	TJW
Isophorone	ND		ug/Kg	5,000	20	313474	05/09/23	05/10/23	TJW
2-Nitrophenol	ND		ug/Kg	5,000	20	313474	05/09/23	05/10/23	TJW
2,4-Dimethylphenol	ND		ug/Kg	5,000	20	313474	05/09/23	05/10/23	TJW
Benzoic acid	ND		ug/Kg	24,000	20	313474	05/09/23	05/10/23	TJW
bis(2-Chloroethoxy)methane	ND		ug/Kg	5,000	20	313474	05/09/23	05/10/23	TJW
2,4-Dichlorophenol	ND		ug/Kg	5,000	20	313474	05/09/23	05/10/23	TJW
1,2,4-Trichlorobenzene	ND		ug/Kg	5,000	20	313474	05/09/23	05/10/23	TJW
Naphthalene	ND		ug/Kg	5,000	20	313474	05/09/23	05/10/23	TJW
4-Chloroaniline	ND		ug/Kg	5,000	20	313474	05/09/23	05/10/23	TJW
Hexachlorobutadiene	ND		ug/Kg	5,000	20	313474	05/09/23	05/10/23	TJW

Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

Analysis Results for 484652

484652-017 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
4-Chloro-3-methylphenol	ND		ug/Kg	5,000	20	313474	05/09/23	05/10/23	TJW
2-Methylnaphthalene	ND		ug/Kg	5,000	20	313474	05/09/23	05/10/23	TJW
Hexachlorocyclopentadiene	ND		ug/Kg	24,000	20	313474	05/09/23	05/10/23	TJW
2,4,6-Trichlorophenol	ND		ug/Kg	5,000	20	313474	05/09/23	05/10/23	TJW
2,4,5-Trichlorophenol	ND		ug/Kg	5,000	20	313474	05/09/23	05/10/23	TJW
2-Chloronaphthalene	ND		ug/Kg	5,000	20	313474	05/09/23	05/10/23	TJW
2-Nitroaniline	ND		ug/Kg	5,000	20	313474	05/09/23	05/10/23	TJW
Dimethylphthalate	ND		ug/Kg	5,000	20	313474	05/09/23	05/10/23	TJW
Acenaphthylene	ND		ug/Kg	5,000	20	313474	05/09/23	05/10/23	TJW
2,6-Dinitrotoluene	ND		ug/Kg	5,000	20	313474	05/09/23	05/10/23	TJW
3-Nitroaniline	ND		ug/Kg	5,000	20	313474	05/09/23	05/10/23	TJW
Acenaphthene	ND		ug/Kg	5,000	20	313474	05/09/23	05/10/23	TJW
2,4-Dinitrophenol	ND		ug/Kg	24,000	20	313474	05/09/23	05/10/23	TJW
4-Nitrophenol	ND		ug/Kg	5,000	20	313474	05/09/23	05/10/23	TJW
Dibenzofuran	ND		ug/Kg	5,000	20	313474	05/09/23	05/10/23	TJW
2,4-Dinitrotoluene	ND		ug/Kg	5,000	20	313474	05/09/23	05/10/23	TJW
Diethylphthalate	ND		ug/Kg	5,000	20	313474	05/09/23	05/10/23	TJW
Fluorene	ND		ug/Kg	5,000	20	313474	05/09/23	05/10/23	TJW
4-Chlorophenyl-phenylether	ND		ug/Kg	5,000	20	313474	05/09/23	05/10/23	TJW
4-Nitroaniline	ND		ug/Kg	5,000	20	313474	05/09/23	05/10/23	TJW
4,6-Dinitro-2-methylphenol	ND		ug/Kg	5,000	20	313474	05/09/23	05/10/23	TJW
N-Nitrosodiphenylamine	ND		ug/Kg	5,000	20	313474	05/09/23	05/10/23	TJW
1,2-diphenylhydrazine (as azobenzene)	ND		ug/Kg	5,000	20	313474	05/09/23	05/10/23	TJW
4-Bromophenyl-phenylether	ND		ug/Kg	5,000	20	313474	05/09/23	05/10/23	TJW
Hexachlorobenzene	ND		ug/Kg	5,000	20	313474	05/09/23	05/10/23	TJW
Pentachlorophenol	ND		ug/Kg	24,000	20	313474	05/09/23	05/10/23	TJW
Phenanthrene	ND		ug/Kg	5,000	20	313474	05/09/23	05/10/23	TJW
Anthracene	ND		ug/Kg	5,000	20	313474	05/09/23	05/10/23	TJW
Di-n-butylphthalate	ND		ug/Kg	5,000	20	313474	05/09/23	05/10/23	TJW
Fluoranthene	ND		ug/Kg	5,000	20	313474	05/09/23	05/10/23	TJW
Benzidine	ND		ug/Kg	24,000	20	313474	05/09/23	05/10/23	TJW
Pyrene	ND		ug/Kg	5,000	20	313474	05/09/23	05/10/23	TJW
Butylbenzylphthalate	ND		ug/Kg	5,000	20	313474	05/09/23	05/10/23	TJW
3,3'-Dichlorobenzidine	ND		ug/Kg	24,000	20	313474	05/09/23	05/10/23	TJW
Benzo(a)anthracene	ND		ug/Kg	5,000	20	313474	05/09/23	05/10/23	TJW
Chrysene	ND		ug/Kg	5,000	20	313474	05/09/23	05/10/23	TJW
bis(2-Ethylhexyl)phthalate	ND		ug/Kg	5,000	20	313474	05/09/23	05/10/23	TJW
Di-n-octylphthalate	ND		ug/Kg	5,000	20	313474	05/09/23	05/10/23	TJW
Benzo(b)fluoranthene	ND		ug/Kg	5,000	20	313474	05/09/23	05/10/23	TJW
Benzo(k)fluoranthene	ND		ug/Kg	5,000	20	313474	05/09/23	05/10/23	TJW
Benzo(a)pyrene	ND		ug/Kg	5,000	20	313474	05/09/23	05/10/23	TJW
Indeno(1,2,3-cd)pyrene	ND		ug/Kg	5,000	20	313474	05/09/23	05/10/23	TJW
Dibenz(a,h)anthracene	ND		ug/Kg	5,000	20	313474	05/09/23	05/10/23	TJW
Benzo(g,h,i)perylene	ND		ug/Kg	5,000	20	313474	05/09/23	05/10/23	TJW
Surrogates				**Limits**					
2-Fluorophenol	43%		%REC	29-120	20	313474	05/09/23	05/10/23	TJW

Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

Analysis Results for 484652

484652-017 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Phenol-d6	51%		%REC	30-120	20	313474	05/09/23	05/10/23	TJW
2,4,6-Tribromophenol	38%		%REC	32-120	20	313474	05/09/23	05/10/23	TJW
Nitrobenzene-d5	58%		%REC	33-120	20	313474	05/09/23	05/10/23	TJW
2-Fluorobiphenyl	53%		%REC	39-120	20	313474	05/09/23	05/10/23	TJW
Terphenyl-d14	47%		%REC	44-125	20	313474	05/09/23	05/10/23	TJW
Method: EPA 9045C									
pH	**10.23**		SU		1	314101	05/16/23	05/16/23	LVL
Temperature	**23.70**		deg C	1.00	1	314101	05/16/23	05/16/23	LVL

Sample ID: F-24-20 **Lab ID: 484652-020** **Collected: 05/05/23 08:10**
Matrix: Soil

484652-020 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 6010B Prep Method: EPA 3050B									
Antimony	ND		mg/Kg	2.9	0.97	313453	05/09/23	05/09/23	THP
Arsenic	**6.1**		mg/Kg	0.97	0.97	313453	05/09/23	05/09/23	THP
Barium	**74**		mg/Kg	0.97	0.97	313453	05/09/23	05/09/23	THP
Beryllium	**0.53**		mg/Kg	0.49	0.97	313453	05/09/23	05/11/23	THP
Cadmium	ND		mg/Kg	0.49	0.97	313453	05/09/23	05/10/23	THP
Chromium	**41**		mg/Kg	0.97	0.97	313453	05/09/23	05/09/23	THP
Cobalt	**11**		mg/Kg	0.49	0.97	313453	05/09/23	05/09/23	THP
Copper	**22**		mg/Kg	0.97	0.97	313453	05/09/23	05/10/23	THP
Lead	**16**		mg/Kg	0.97	0.97	313453	05/09/23	05/10/23	THP
Molybdenum	**1.6**		mg/Kg	0.97	0.97	313453	05/09/23	05/09/23	THP
Nickel	**38**		mg/Kg	0.97	0.97	313453	05/09/23	05/10/23	THP
Selenium	ND		mg/Kg	2.9	0.97	313453	05/09/23	05/10/23	THP
Silicon	**250**		mg/Kg	97	0.97	314277	05/18/23	05/18/23	SBW
Silver	ND		mg/Kg	0.49	0.97	313453	05/09/23	05/09/23	THP
Thallium	ND		mg/Kg	2.9	0.97	313453	05/09/23	05/09/23	THP
Vanadium	**50**		mg/Kg	0.97	0.97	313453	05/09/23	05/09/23	THP
Zinc	**56**		mg/Kg	4.9	0.97	313453	05/09/23	05/10/23	THP
Method: EPA 7471A Prep Method: METHOD									
Mercury	ND		mg/Kg	0.16	1.2	313481	05/09/23	05/10/23	KAM
Method: EPA 9045C									
pH	**8.54**		SU		1	314109	05/16/23	05/16/23	LVL
Temperature	**23.40**		deg C	1.00	1	314109	05/16/23	05/16/23	LVL

* Value is outside QC limits
DO Diluted Out
ND Not Detected

Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

Batch QC

Type: Blank	**Lab ID: QC1064167**	**Batch: 313453**
Matrix: Soil	**Method: EPA 6010B**	**Prep Method: EPA 3050B**

QC1064167 Analyte	Result	Qual	Units	RL	Prepared	Analyzed
Antimony	ND		mg/Kg	3.0	05/09/23	05/09/23
Arsenic	ND		mg/Kg	1.0	05/09/23	05/09/23
Barium	ND		mg/Kg	1.0	05/09/23	05/09/23
Beryllium	ND		mg/Kg	0.50	05/09/23	05/09/23
Cadmium	ND		mg/Kg	0.50	05/09/23	05/09/23
Chromium	ND		mg/Kg	1.0	05/09/23	05/09/23
Cobalt	ND		mg/Kg	0.50	05/09/23	05/09/23
Copper	ND		mg/Kg	1.0	05/09/23	05/09/23
Lead	ND		mg/Kg	1.0	05/09/23	05/09/23
Molybdenum	ND		mg/Kg	1.0	05/09/23	05/09/23
Nickel	ND		mg/Kg	1.0	05/09/23	05/09/23
Selenium	ND		mg/Kg	3.0	05/09/23	05/09/23
Silver	ND		mg/Kg	0.50	05/09/23	05/09/23
Thallium	ND		mg/Kg	3.0	05/09/23	05/09/23
Vanadium	ND		mg/Kg	1.0	05/09/23	05/09/23
Zinc	ND		mg/Kg	5.0	05/09/23	05/09/23

Type: Lab Control Sample	**Lab ID: QC1064173**	**Batch: 313453**
Matrix: Soil	**Method: EPA 6010B**	**Prep Method: EPA 3050B**

QC1064173 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Antimony	95.46	100.0	mg/Kg	95%		80-120
Arsenic	95.30	100.0	mg/Kg	95%		80-120
Barium	104.1	100.0	mg/Kg	104%		80-120
Beryllium	106.6	100.0	mg/Kg	107%		80-120
Cadmium	102.9	100.0	mg/Kg	103%		80-120
Chromium	105.1	100.0	mg/Kg	105%		80-120
Cobalt	103.7	100.0	mg/Kg	104%		80-120
Copper	101.1	100.0	mg/Kg	101%		80-120
Lead	97.76	100.0	mg/Kg	98%		80-120
Molybdenum	98.78	100.0	mg/Kg	99%		80-120
Nickel	101.3	100.0	mg/Kg	101%		80-120
Selenium	92.67	100.0	mg/Kg	93%		80-120
Silver	48.05	50.00	mg/Kg	96%		80-120
Thallium	99.50	100.0	mg/Kg	100%		80-120
Vanadium	100.5	100.0	mg/Kg	100%		80-120
Zinc	103.5	100.0	mg/Kg	103%		80-120

ENTHALPY ANALYTICAL

Batch QC

Type:	Matrix Spike	Lab ID:	QC1064174	Batch:	313453
Matrix (Source ID):	Soil (484674-001)	Method:	EPA 6010B	Prep Method:	EPA 3050B

QC1064174 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Antimony	29.84	ND	98.04	mg/Kg	30%	*	75-125	0.98
Arsenic	96.41	3.409	98.04	mg/Kg	95%		75-125	0.98
Barium	486.7	143.2	98.04	mg/Kg	350%	*	75-125	0.98
Beryllium	101.0	0.2613	98.04	mg/Kg	103%	b	75-125	0.98
Cadmium	99.93	ND	98.04	mg/Kg	102%		75-125	0.98
Chromium	186.6	109.3	98.04	mg/Kg	79%		75-125	0.98
Cobalt	121.5	22.67	98.04	mg/Kg	101%		75-125	0.98
Copper	169.8	79.97	98.04	mg/Kg	92%		75-125	0.98
Lead	111.4	10.98	98.04	mg/Kg	102%		75-125	0.98
Molybdenum	93.16	1.882	98.04	mg/Kg	93%		75-125	0.98
Nickel	203.9	199.3	98.04	mg/Kg	5%	*	75-125	0.98
Selenium	88.99	0.6189	98.04	mg/Kg	90%		75-125	0.98
Silver	49.59	ND	49.02	mg/Kg	101%		75-125	0.98
Thallium	91.98	ND	98.04	mg/Kg	94%		75-125	0.98
Vanadium	150.7	45.67	98.04	mg/Kg	107%		75-125	0.98
Zinc	148.7	59.39	98.04	mg/Kg	91%		75-125	0.98

Type:	Matrix Spike Duplicate	Lab ID:	QC1064175	Batch:	313453
Matrix (Source ID):	Soil (484674-001)	Method:	EPA 6010B	Prep Method:	EPA 3050B

QC1064175 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
Antimony	32.97	ND	99.01	mg/Kg	33%	*	75-125	9	41	0.99
Arsenic	103.9	3.409	99.01	mg/Kg	101%		75-125	6	35	0.99
Barium	290.0	143.2	99.01	mg/Kg	148%	*	75-125	51*	20	0.99
Beryllium	109.0	0.2613	99.01	mg/Kg	110%	b	75-125	7	20	0.99
Cadmium	105.0	ND	99.01	mg/Kg	106%		75-125	4	20	0.99
Chromium	194.4	109.3	99.01	mg/Kg	86%		75-125	4	20	0.99
Cobalt	127.6	22.67	99.01	mg/Kg	106%		75-125	4	20	0.99
Copper	175.1	79.97	99.01	mg/Kg	96%		75-125	3	20	0.99
Lead	116.3	10.98	99.01	mg/Kg	106%		75-125	3	20	0.99
Molybdenum	100.6	1.882	99.01	mg/Kg	100%		75-125	7	20	0.99
Nickel	212.0	199.3	99.01	mg/Kg	13%	*	75-125	4	20	0.99
Selenium	91.87	0.6189	99.01	mg/Kg	92%		75-125	2	20	0.99
Silver	52.74	ND	49.50	mg/Kg	107%		75-125	5	20	0.99
Thallium	97.51	ND	99.01	mg/Kg	98%		75-125	5	20	0.99
Vanadium	163.2	45.67	99.01	mg/Kg	119%		75-125	7	20	0.99
Zinc	157.7	59.39	99.01	mg/Kg	99%		75-125	5	20	0.99

ENTHALPY ANALYTICAL

Batch QC

Type: Blank	Lab ID: QC1066946	Batch: 314277
Matrix: Soil	Method: EPA 6010B	Prep Method: EPA 3050B

QC1066946 Analyte	Result	Qual	Units	RL	Prepared	Analyzed
Silicon	ND		mg/Kg	100	05/18/23	05/18/23

Type: Lab Control Sample	Lab ID: QC1066947	Batch: 314277
Matrix: Soil	Method: EPA 6010B	Prep Method: EPA 3050B

QC1066947 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Silicon	352.6	500.0	mg/Kg	71%	*	80-120

Type: Matrix Spike	Lab ID: QC1066948	Batch: 314277
Matrix (Source ID): Soil (484652-003)	Method: EPA 6010B	Prep Method: EPA 3050B

QC1066948 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Silicon	287.3	239.0	485.4	mg/Kg	10%	*	75-125	0.97

Type: Matrix Spike Duplicate	Lab ID: QC1066949	Batch: 314277
Matrix (Source ID): Soil (484652-003)	Method: EPA 6010B	Prep Method: EPA 3050B

QC1066949 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
Silicon	259.6	239.0	500.0	mg/Kg	4%	*	75-125	12	20	1

Type: Post Digest Spike	Lab ID: QC1066950	Batch: 314277
Matrix (Source ID): Soil (484652-003)	Method: EPA 6010B	Prep Method: EPA 3050B

QC1066950 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Silicon	712.0	239.0	485.4	mg/Kg	97%		75-125	0.97

Type: Blank	Lab ID: QC1064270	Batch: 313481
Matrix: Soil	Method: EPA 7471A	Prep Method: METHOD

QC1064270 Analyte	Result	Qual	Units	RL	Prepared	Analyzed
Mercury	ND		mg/Kg	0.14	05/09/23	05/09/23

ENTHALPY ANALYTICAL

Batch QC

Type: Lab Control Sample	Lab ID: QC1064271	Batch: 313481
Matrix: Soil	Method: EPA 7471A	Prep Method: METHOD

QC1064271 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Mercury	0.7818	0.8333	mg/Kg	94%		80-120

Type: Matrix Spike	Lab ID: QC1064272	Batch: 313481
Matrix (Source ID): Soil (484674-001)	Method: EPA 7471A	Prep Method: METHOD

QC1064272 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Mercury	1.122	0.2251	0.9615	mg/Kg	93%		75-125	1.2

Type: Matrix Spike Duplicate	Lab ID: QC1064273	Batch: 313481
Matrix (Source ID): Soil (484674-001)	Method: EPA 7471A	Prep Method: METHOD

QC1064273 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
Mercury	1.068	0.2251	0.8929	mg/Kg	94%		75-125	1	20	1.1

Type: Lab Control Sample	Lab ID: QC1064839	Batch: 313667
Matrix: Soil	Method: EPA 8015B	Prep Method: EPA 5035

QC1064839 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
TPH Gasoline	4.891	5.000	mg/Kg	98%		70-130
Surrogates						
Bromofluorobenzene (FID)	0.2171	0.2000	mg/Kg	109%		60-140

Type: Lab Control Sample Duplicate	Lab ID: QC1064840	Batch: 313667
Matrix: Soil	Method: EPA 8015B	Prep Method: EPA 5035

QC1064840 Analyte	Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim
TPH Gasoline	4.957	5.000	mg/Kg	99%		70-130	1	20
Surrogates								
Bromofluorobenzene (FID)	0.2176	0.2000	mg/Kg	109%		60-140		

ENTHALPY ANALYTICAL

Batch QC

Type: Blank	Lab ID: QC1064841	Batch: 313667
Matrix: Soil	Method: EPA 8015B	Prep Method: EPA 5035

QC1064841 Analyte	Result	Qual	Units	RL	Prepared	Analyzed
TPH Gasoline	ND		mg/Kg	75	05/10/23	05/10/23
Surrogates				**Limits**		
Bromofluorobenzene (FID)	81%		%REC	60-140	05/10/23	05/10/23

Type: Blank	Lab ID: QC1064842	Batch: 313667
Matrix: Soil	Method: EPA 8015B	Prep Method: EPA 5035

QC1064842 Analyte	Result	Qual	Units	RL	Prepared	Analyzed
TPH Gasoline	ND		mg/Kg	3.0	05/10/23	05/10/23
Surrogates				**Limits**		
Bromofluorobenzene (FID)	83%		%REC	60-140	05/10/23	05/10/23

Type: Lab Control Sample	Lab ID: QC1065366	Batch: 313820
Matrix: Soil	Method: EPA 8015B	Prep Method: EPA 5035

QC1065366 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
TPH Gasoline	4.997	5.000	mg/Kg	100%		70-130
Surrogates						
Bromofluorobenzene (FID)	0.2096	0.2000	mg/Kg	105%		60-140

Type: Lab Control Sample Duplicate	Lab ID: QC1065367	Batch: 313820
Matrix: Soil	Method: EPA 8015B	Prep Method: EPA 5035

QC1065367 Analyte	Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim
TPH Gasoline	5.209	5.000	mg/Kg	104%		70-130	4	20
Surrogates								
Bromofluorobenzene (FID)	0.2131	0.2000	mg/Kg	107%		60-140		

Type: Blank	Lab ID: QC1065368	Batch: 313820
Matrix: Soil	Method: EPA 8015B	Prep Method: EPA 5035

QC1065368 Analyte	Result	Qual	Units	RL	Prepared	Analyzed
TPH Gasoline	ND		mg/Kg	75	05/12/23	05/12/23
Surrogates				**Limits**		
Bromofluorobenzene (FID)	87%		%REC	60-140	05/12/23	05/12/23

ENTHALPY ANALYTICAL

Batch QC

Type: Blank	Lab ID: QC1065369	Batch: 313820
Matrix: Soil	Method: EPA 8015B	Prep Method: EPA 5035

QC1065369 Analyte	Result	Qual	Units	RL	Prepared	Analyzed
TPH Gasoline	ND		mg/Kg	3.0	05/12/23	05/12/23
Surrogates				**Limits**		
Bromofluorobenzene (FID)	86%		%REC	60-140	05/12/23	05/12/23

Type: Blank	Lab ID: QC1066203	Batch: 314051
Matrix: Soil	Method: EPA 8015B	Prep Method: EPA 5035

QC1066203 Analyte	Result	Qual	Units	RL	Prepared	Analyzed
TPH Gasoline	ND		mg/Kg	3.0	05/16/23	05/16/23
Surrogates				**Limits**		
Bromofluorobenzene (FID)	78%		%REC	60-140	05/16/23	05/16/23

Type: Lab Control Sample	Lab ID: QC1066204	Batch: 314051
Matrix: Soil	Method: EPA 8015B	Prep Method: EPA 5035

QC1066204 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
TPH Gasoline	4.823	5.000	mg/Kg	96%		70-130
Surrogates						
Bromofluorobenzene (FID)	0.2186	0.2000	mg/Kg	109%		60-140

Type: Lab Control Sample Duplicate	Lab ID: QC1066205	Batch: 314051
Matrix: Soil	Method: EPA 8015B	Prep Method: EPA 5035

QC1066205 Analyte	Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim
TPH Gasoline	4.797	5.000	mg/Kg	96%		70-130	1	20
Surrogates								
Bromofluorobenzene (FID)	0.2285	0.2000	mg/Kg	114%		60-140		

Type: Blank	Lab ID: QC1064431	Batch: 313535
Matrix: Soil	Method: EPA 8015M	Prep Method: EPA 3580M

QC1064431 Analyte	Result	Qual	Units	RL	Prepared	Analyzed
DRO C10-C28	ND		mg/Kg	10	05/09/23	05/10/23
ORO C28-C44	ND		mg/Kg	20	05/09/23	05/10/23
Surrogates				**Limits**		
n-Triacontane	90%		%REC	70-130	05/09/23	05/10/23

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Batch QC

Type: Lab Control Sample	Lab ID: QC1064432	Batch: 313535
Matrix: Soil	Method: EPA 8015M	Prep Method: EPA 3580M

QC1064432 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Diesel C10-C28	249.8	249.9	mg/Kg	100%		76-122
Surrogates						
n-Triacontane	8.837	9.995	mg/Kg	88%		70-130

Type: Matrix Spike	Lab ID: QC1064433	Batch: 313535
Matrix (Source ID): Soil (484652-001)	Method: EPA 8015M	Prep Method: EPA 3580M

QC1064433 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Diesel C10-C28	237.2	18.99	249.6	mg/Kg	87%		62-126	2
Surrogates								
n-Triacontane	9.595		9.985	mg/Kg	96%		70-130	2

Type: Matrix Spike Duplicate	Lab ID: QC1064434	Batch: 313535
Matrix (Source ID): Soil (484652-001)	Method: EPA 8015M	Prep Method: EPA 3580M

QC1064434 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
Diesel C10-C28	241.3	18.99	248.3	mg/Kg	90%		62-126	2	35	2
Surrogates										
n-Triacontane	9.448		9.930	mg/Kg	95%		70-130			2

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Batch QC

Type: Blank	Lab ID: QC1064226	Batch: 313470
Matrix: Soil		

QC1064226 Analyte	Result	Qual	Units	RL	Prepared	Analyzed
Method: EPA 8081A Prep Method: EPA 3546						
alpha-BHC	ND		ug/Kg	5.0	05/09/23	05/09/23
beta-BHC	ND		ug/Kg	5.0	05/09/23	05/09/23
gamma-BHC	ND		ug/Kg	5.0	05/09/23	05/09/23
delta-BHC	ND		ug/Kg	5.0	05/09/23	05/09/23
Heptachlor	ND		ug/Kg	5.0	05/09/23	05/09/23
Aldrin	ND		ug/Kg	5.0	05/09/23	05/09/23
Heptachlor epoxide	ND		ug/Kg	5.0	05/09/23	05/09/23
Endosulfan I	ND		ug/Kg	5.0	05/09/23	05/09/23
Dieldrin	ND		ug/Kg	5.0	05/09/23	05/09/23
4,4'-DDE	ND		ug/Kg	5.0	05/09/23	05/09/23
Endrin	ND		ug/Kg	5.0	05/09/23	05/09/23
Endosulfan II	ND		ug/Kg	5.0	05/09/23	05/09/23
Endosulfan sulfate	ND		ug/Kg	5.0	05/09/23	05/09/23
4,4'-DDD	ND		ug/Kg	5.0	05/09/23	05/09/23
Endrin aldehyde	ND		ug/Kg	5.0	05/09/23	05/09/23
Endrin ketone	ND		ug/Kg	5.0	05/09/23	05/09/23
4,4'-DDT	ND		ug/Kg	5.0	05/09/23	05/09/23
Methoxychlor	ND		ug/Kg	10	05/09/23	05/09/23
Toxaphene	ND		ug/Kg	100	05/09/23	05/09/23
Chlordane (Technical)	ND		ug/Kg	50	05/09/23	05/09/23
Surrogates				**Limits**		
TCMX	82%		%REC	23-120	05/09/23	05/09/23
Decachlorobiphenyl	91%		%REC	24-120	05/09/23	05/09/23
Method: EPA 8082 Prep Method: EPA 3546						
Aroclor-1016	ND		ug/Kg	50	05/09/23	05/09/23
Aroclor-1221	ND		ug/Kg	50	05/09/23	05/09/23
Aroclor-1232	ND		ug/Kg	50	05/09/23	05/09/23
Aroclor-1242	ND		ug/Kg	50	05/09/23	05/09/23
Aroclor-1248	ND		ug/Kg	50	05/09/23	05/09/23
Aroclor-1254	ND		ug/Kg	50	05/09/23	05/09/23
Aroclor-1260	ND		ug/Kg	50	05/09/23	05/09/23
Surrogates				**Limits**		
Decachlorobiphenyl (PCB)	89%		%REC	19-121	05/09/23	05/09/23

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Batch QC

Type: Lab Control Sample	**Lab ID: QC1064227**	**Batch: 313470**
Matrix: Soil	**Method: EPA 8081A**	**Prep Method: EPA 3546**

QC1064227 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
alpha-BHC	35.67	49.80	ug/Kg	72%		22-129
beta-BHC	35.15	49.80	ug/Kg	71%		28-125
gamma-BHC	35.66	49.80	ug/Kg	72%		22-128
delta-BHC	35.71	49.80	ug/Kg	72%		24-131
Heptachlor	37.11	49.80	ug/Kg	75%		18-124
Aldrin	30.47	49.80	ug/Kg	61%		23-120
Heptachlor epoxide	36.66	49.80	ug/Kg	74%		26-120
Endosulfan I	36.33	49.80	ug/Kg	73%		25-126
Dieldrin	35.83	49.80	ug/Kg	72%		23-124
4,4'-DDE	37.99	49.80	ug/Kg	76%		28-121
Endrin	39.39	49.80	ug/Kg	79%		25-127
Endosulfan II	37.23	49.80	ug/Kg	75%		29-121
Endosulfan sulfate	36.98	49.80	ug/Kg	74%		30-121
4,4'-DDD	37.09	49.80	ug/Kg	74%		26-120
Endrin aldehyde	26.03	49.80	ug/Kg	52%		10-120
Endrin ketone	38.06	49.80	ug/Kg	76%		28-125
4,4'-DDT	39.00	49.80	ug/Kg	78%		22-125
Methoxychlor	44.57	49.80	ug/Kg	90%		28-130
Surrogates						
TCMX	33.05	49.80	ug/Kg	66%		23-120
Decachlorobiphenyl	35.22	49.80	ug/Kg	71%		24-120

ENTHALPY ANALYTICAL

Batch QC

Type:	**Matrix Spike**	**Lab ID:**	**QC1064228**	**Batch:**	**313470**
Matrix (Source ID):	**Soil (484652-001)**	**Method:**	**EPA 8081A**	**Prep Method:**	**EPA 3546**

QC1064228 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
alpha-BHC	46.44	ND	49.26	ug/Kg	94%		46-120	4.9
beta-BHC	56.23	9.200	49.26	ug/Kg	95%		41-120	4.9
gamma-BHC	47.84	ND	49.26	ug/Kg	97%		41-120	4.9
delta-BHC	43.14	ND	49.26	ug/Kg	88%		38-123	4.9
Heptachlor	52.32	ND	49.26	ug/Kg	106%		39-120	4.9
Aldrin	45.20	ND	49.26	ug/Kg	92%		34-120	4.9
Heptachlor epoxide	52.19	ND	49.26	ug/Kg	106%		43-120	4.9
Endosulfan I	51.46	ND	49.26	ug/Kg	104%		45-120	4.9
Dieldrin	50.47	ND	49.26	ug/Kg	102%		45-120	4.9
4,4'-DDE	52.03	ND	49.26	ug/Kg	106%		34-120	4.9
Endrin	53.00	ND	49.26	ug/Kg	108%		40-120	4.9
Endosulfan II	51.55	ND	49.26	ug/Kg	105%		41-120	4.9
Endosulfan sulfate	51.01	ND	49.26	ug/Kg	104%		42-120	4.9
4,4'-DDD	53.94	ND	49.26	ug/Kg	110%		41-120	4.9
Endrin aldehyde	45.34	ND	49.26	ug/Kg	92%		30-120	4.9
Endrin ketone	53.64	ND	49.26	ug/Kg	109%		45-120	4.9
4,4'-DDT	57.46	ND	49.26	ug/Kg	117%		35-127	4.9
Methoxychlor	61.76	ND	49.26	ug/Kg	125%		42-136	4.9
Surrogates								
TCMX	51.56		49.26	ug/Kg	105%		23-120	4.9
Decachlorobiphenyl	55.54		49.26	ug/Kg	113%		24-120	4.9

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Batch QC

Type:	**Matrix Spike Duplicate**	**Lab ID:**	**QC1064229**	**Batch:**	**313470**
Matrix (Source ID):	**Soil (484652-001)**	**Method:**	**EPA 8081A**	**Prep Method:**	**EPA 3546**

QC1064229 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
alpha-BHC	46.07	ND	49.75	ug/Kg	93%		46-120	2	30	5
beta-BHC	55.42	9.200	49.75	ug/Kg	93%		41-120	2	30	5
gamma-BHC	47.53	ND	49.75	ug/Kg	96%		41-120	2	30	5
delta-BHC	43.37	ND	49.75	ug/Kg	87%		38-123	0	30	5
Heptachlor	51.05	ND	49.75	ug/Kg	103%		39-120	3	30	5
Aldrin	45.90	ND	49.75	ug/Kg	92%		34-120	1	30	5
Heptachlor epoxide	50.43	ND	49.75	ug/Kg	101%		43-120	4	30	5
Endosulfan I	51.01	ND	49.75	ug/Kg	103%		45-120	2	30	5
Dieldrin	50.91	ND	49.75	ug/Kg	102%		45-120	0	30	5
4,4'-DDE	52.87	ND	49.75	ug/Kg	106%		34-120	1	30	5
Endrin	54.45	ND	49.75	ug/Kg	109%		40-120	2	30	5
Endosulfan II	51.48	ND	49.75	ug/Kg	103%		41-120	1	30	5
Endosulfan sulfate	50.77	ND	49.75	ug/Kg	102%		42-120	1	30	5
4,4'-DDD	52.23	ND	49.75	ug/Kg	105%		41-120	4	30	5
Endrin aldehyde	44.90	ND	49.75	ug/Kg	90%		30-120	2	30	5
Endrin ketone	53.91	ND	49.75	ug/Kg	108%		45-120	0	30	5
4,4'-DDT	59.54	ND	49.75	ug/Kg	120%		35-127	3	30	5
Methoxychlor	64.47	ND	49.75	ug/Kg	130%		42-136	3	30	5
Surrogates										
TCMX	50.32		49.75	ug/Kg	101%		23-120			5
Decachlorobiphenyl	57.23		49.75	ug/Kg	115%		24-120			5

Type:	**Lab Control Sample**	**Lab ID:**	**QC1064230**	**Batch:**	**313470**
Matrix:	**Miscell.**	**Method:**	**EPA 8082**	**Prep Method:**	**EPA 3546**

QC1064230 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Aroclor-1016	462.3	496.5	ug/Kg	93%		14-150
Aroclor-1260	410.6	496.5	ug/Kg	83%		10-150
Surrogates						
Decachlorobiphenyl (PCB)	32.48	49.65	ug/Kg	65%		19-121

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Batch QC

Type:	**Matrix Spike**	**Lab ID:**	**QC1064231**	**Batch:**	**313470**
Matrix (Source ID):	**Soil (484652-001)**	**Method:**	**EPA 8082**	**Prep Method:**	**EPA 3546**

QC1064231 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Aroclor-1016	518.1	ND	500.0	ug/Kg	104%		42-127	1
Aroclor-1260	553.1	ND	500.0	ug/Kg	111%		38-130	1
Surrogates								
Decachlorobiphenyl (PCB)	49.49		50.00	ug/Kg	99%		19-121	1

Type:	**Matrix Spike Duplicate**	**Lab ID:**	**QC1064232**	**Batch:**	**313470**
Matrix (Source ID):	**Soil (484652-001)**	**Method:**	**EPA 8082**	**Prep Method:**	**EPA 3546**

QC1064232 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
Aroclor-1016	493.1	ND	490.2	ug/Kg	101%		42-127	3	30	0.98
Aroclor-1260	530.2	ND	490.2	ug/Kg	108%		38-130	2	30	0.98
Surrogates										
Decachlorobiphenyl (PCB)	47.93		49.02	ug/Kg	98%		19-121			0.98

Type:	**Lab Control Sample**	**Lab ID:**	**QC1063888**	**Batch:**	**313378**
Matrix:	**Soil**	**Method:**	**EPA 8260B**	**Prep Method:**	**EPA 5035**

QC1063888 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
1,1-Dichloroethene	51.02	50.00	ug/Kg	102%		70-131
MTBE	47.50	50.00	ug/Kg	95%		69-130
Benzene	51.43	50.00	ug/Kg	103%		70-130
Trichloroethene	51.34	50.00	ug/Kg	103%		70-130
Toluene	51.79	50.00	ug/Kg	104%		70-130
Chlorobenzene	53.48	50.00	ug/Kg	107%		70-130
Surrogates						
Dibromofluoromethane	50.57	50.00	ug/Kg	101%		70-130
1,2-Dichloroethane-d4	47.57	50.00	ug/Kg	95%		70-145
Toluene-d8	49.42	50.00	ug/Kg	99%		70-145
Bromofluorobenzene	51.31	50.00	ug/Kg	103%		70-145

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Batch QC

Type:	**Lab Control Sample Duplicate**	**Lab ID:**	**QC1063889**	**Batch:**	**313378**
Matrix:	**Soil**	**Method:**	**EPA 8260B**	**Prep Method:**	**EPA 5035**

QC1063889 Analyte	Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim
1,1-Dichloroethene	49.42	50.00	ug/Kg	99%		70-131	3	33
MTBE	46.63	50.00	ug/Kg	93%		69-130	2	30
Benzene	50.23	50.00	ug/Kg	100%		70-130	2	30
Trichloroethene	48.90	50.00	ug/Kg	98%		70-130	5	30
Toluene	49.74	50.00	ug/Kg	99%		70-130	4	30
Chlorobenzene	51.26	50.00	ug/Kg	103%		70-130	4	30
Surrogates								
Dibromofluoromethane	49.64	50.00	ug/Kg	99%		70-130		
1,2-Dichloroethane-d4	47.67	50.00	ug/Kg	95%		70-145		
Toluene-d8	49.44	50.00	ug/Kg	99%		70-145		
Bromofluorobenzene	49.52	50.00	ug/Kg	99%		70-145		

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Batch QC

Type:	**Blank**	**Lab ID:**	**QC1063892**	**Batch:**	**313378**
Matrix:	**Soil**	**Method:**	**EPA 8260B**	**Prep Method:**	**EPA 5035**

QC1063892 Analyte	Result	Qual	Units	RL	Prepared	Analyzed
Freon 12	ND		ug/Kg	250	05/07/23	05/07/23
Chloromethane	ND		ug/Kg	250	05/07/23	05/07/23
Vinyl Chloride	ND		ug/Kg	250	05/07/23	05/07/23
Bromomethane	ND		ug/Kg	250	05/07/23	05/07/23
Chloroethane	ND		ug/Kg	250	05/07/23	05/07/23
Trichlorofluoromethane	ND		ug/Kg	250	05/07/23	05/07/23
Acetone	ND		ug/Kg	5,000	05/07/23	05/07/23
Freon 113	ND		ug/Kg	250	05/07/23	05/07/23
1,1-Dichloroethene	ND		ug/Kg	250	05/07/23	05/07/23
Methylene Chloride	ND		ug/Kg	250	05/07/23	05/07/23
MTBE	ND		ug/Kg	250	05/07/23	05/07/23
trans-1,2-Dichloroethene	ND		ug/Kg	250	05/07/23	05/07/23
1,1-Dichloroethane	ND		ug/Kg	250	05/07/23	05/07/23
2-Butanone	ND		ug/Kg	5,000	05/07/23	05/07/23
cis-1,2-Dichloroethene	ND		ug/Kg	250	05/07/23	05/07/23
2,2-Dichloropropane	ND		ug/Kg	250	05/07/23	05/07/23
Chloroform	ND		ug/Kg	250	05/07/23	05/07/23
Bromochloromethane	ND		ug/Kg	250	05/07/23	05/07/23
1,1,1-Trichloroethane	ND		ug/Kg	250	05/07/23	05/07/23
1,1-Dichloropropene	ND		ug/Kg	250	05/07/23	05/07/23
Carbon Tetrachloride	ND		ug/Kg	250	05/07/23	05/07/23
1,2-Dichloroethane	ND		ug/Kg	250	05/07/23	05/07/23
Benzene	ND		ug/Kg	250	05/07/23	05/07/23
Trichloroethene	ND		ug/Kg	250	05/07/23	05/07/23
1,2-Dichloropropane	ND		ug/Kg	250	05/07/23	05/07/23
Bromodichloromethane	ND		ug/Kg	250	05/07/23	05/07/23
Dibromomethane	ND		ug/Kg	250	05/07/23	05/07/23
4-Methyl-2-Pentanone	ND		ug/Kg	250	05/07/23	05/07/23
cis-1,3-Dichloropropene	ND		ug/Kg	250	05/07/23	05/07/23
Toluene	ND		ug/Kg	250	05/07/23	05/07/23
trans-1,3-Dichloropropene	ND		ug/Kg	250	05/07/23	05/07/23
1,1,2-Trichloroethane	ND		ug/Kg	250	05/07/23	05/07/23
1,3-Dichloropropane	ND		ug/Kg	250	05/07/23	05/07/23
Tetrachloroethene	ND		ug/Kg	250	05/07/23	05/07/23
Dibromochloromethane	ND		ug/Kg	250	05/07/23	05/07/23
1,2-Dibromoethane	ND		ug/Kg	250	05/07/23	05/07/23
Chlorobenzene	ND		ug/Kg	250	05/07/23	05/07/23
1,1,1,2-Tetrachloroethane	ND		ug/Kg	250	05/07/23	05/07/23
Ethylbenzene	ND		ug/Kg	250	05/07/23	05/07/23
m,p-Xylenes	ND		ug/Kg	500	05/07/23	05/07/23
o-Xylene	ND		ug/Kg	250	05/07/23	05/07/23
Styrene	ND		ug/Kg	250	05/07/23	05/07/23

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Batch QC

QC1063892 Analyte	Result	Qual	Units	RL	Prepared	Analyzed
Bromoform	ND		ug/Kg	250	05/07/23	05/07/23
Isopropylbenzene	ND		ug/Kg	250	05/07/23	05/07/23
1,1,2,2-Tetrachloroethane	ND		ug/Kg	250	05/07/23	05/07/23
1,2,3-Trichloropropane	ND		ug/Kg	250	05/07/23	05/07/23
Propylbenzene	ND		ug/Kg	250	05/07/23	05/07/23
Bromobenzene	ND		ug/Kg	250	05/07/23	05/07/23
1,3,5-Trimethylbenzene	ND		ug/Kg	250	05/07/23	05/07/23
2-Chlorotoluene	ND		ug/Kg	250	05/07/23	05/07/23
4-Chlorotoluene	ND		ug/Kg	250	05/07/23	05/07/23
tert-Butylbenzene	ND		ug/Kg	250	05/07/23	05/07/23
1,2,4-Trimethylbenzene	ND		ug/Kg	250	05/07/23	05/07/23
sec-Butylbenzene	ND		ug/Kg	250	05/07/23	05/07/23
para-Isopropyl Toluene	ND		ug/Kg	250	05/07/23	05/07/23
1,3-Dichlorobenzene	ND		ug/Kg	250	05/07/23	05/07/23
1,4-Dichlorobenzene	ND		ug/Kg	250	05/07/23	05/07/23
n-Butylbenzene	ND		ug/Kg	250	05/07/23	05/07/23
1,2-Dichlorobenzene	ND		ug/Kg	250	05/07/23	05/07/23
1,2-Dibromo-3-Chloropropane	ND		ug/Kg	250	05/07/23	05/07/23
1,2,4-Trichlorobenzene	ND		ug/Kg	250	05/07/23	05/07/23
Hexachlorobutadiene	ND		ug/Kg	250	05/07/23	05/07/23
Naphthalene	ND		ug/Kg	250	05/07/23	05/07/23
1,2,3-Trichlorobenzene	ND		ug/Kg	250	05/07/23	05/07/23
Surrogates				**Limits**		
Dibromofluoromethane	95%		%REC	70-130	05/07/23	05/07/23
1,2-Dichloroethane-d4	95%		%REC	70-145	05/07/23	05/07/23
Toluene-d8	100%		%REC	70-145	05/07/23	05/07/23
Bromofluorobenzene	102%		%REC	70-145	05/07/23	05/07/23

ENTHALPY ANALYTICAL

Batch QC

Type: Blank	**Lab ID:** QC1063893	**Batch:** 313378
Matrix: Soil	**Method:** EPA 8260B	**Prep Method:** EPA 5035

QC1063893 Analyte	Result	Qual	Units	RL	Prepared	Analyzed
Freon 12	ND		ug/Kg	5.0	05/07/23	05/07/23
Chloromethane	ND		ug/Kg	5.0	05/07/23	05/07/23
Vinyl Chloride	ND		ug/Kg	5.0	05/07/23	05/07/23
Bromomethane	ND		ug/Kg	5.0	05/07/23	05/07/23
Chloroethane	ND		ug/Kg	5.0	05/07/23	05/07/23
Trichlorofluoromethane	ND		ug/Kg	5.0	05/07/23	05/07/23
Acetone	ND		ug/Kg	100	05/07/23	05/07/23
Freon 113	ND		ug/Kg	5.0	05/07/23	05/07/23
1,1-Dichloroethene	ND		ug/Kg	5.0	05/07/23	05/07/23
Methylene Chloride	ND		ug/Kg	5.0	05/07/23	05/07/23
MTBE	ND		ug/Kg	5.0	05/07/23	05/07/23
trans-1,2-Dichloroethene	ND		ug/Kg	5.0	05/07/23	05/07/23
1,1-Dichloroethane	ND		ug/Kg	5.0	05/07/23	05/07/23
2-Butanone	ND		ug/Kg	100	05/07/23	05/07/23
cis-1,2-Dichloroethene	ND		ug/Kg	5.0	05/07/23	05/07/23
2,2-Dichloropropane	ND		ug/Kg	5.0	05/07/23	05/07/23
Chloroform	ND		ug/Kg	5.0	05/07/23	05/07/23
Bromochloromethane	ND		ug/Kg	5.0	05/07/23	05/07/23
1,1,1-Trichloroethane	ND		ug/Kg	5.0	05/07/23	05/07/23
1,1-Dichloropropene	ND		ug/Kg	5.0	05/07/23	05/07/23
Carbon Tetrachloride	ND		ug/Kg	5.0	05/07/23	05/07/23
1,2-Dichloroethane	ND		ug/Kg	5.0	05/07/23	05/07/23
Benzene	ND		ug/Kg	5.0	05/07/23	05/07/23
Trichloroethene	ND		ug/Kg	5.0	05/07/23	05/07/23
1,2-Dichloropropane	ND		ug/Kg	5.0	05/07/23	05/07/23
Bromodichloromethane	ND		ug/Kg	5.0	05/07/23	05/07/23
Dibromomethane	ND		ug/Kg	5.0	05/07/23	05/07/23
4-Methyl-2-Pentanone	ND		ug/Kg	5.0	05/07/23	05/07/23
cis-1,3-Dichloropropene	ND		ug/Kg	5.0	05/07/23	05/07/23
Toluene	ND		ug/Kg	5.0	05/07/23	05/07/23
trans-1,3-Dichloropropene	ND		ug/Kg	5.0	05/07/23	05/07/23
1,1,2-Trichloroethane	ND		ug/Kg	5.0	05/07/23	05/07/23
1,3-Dichloropropane	ND		ug/Kg	5.0	05/07/23	05/07/23
Tetrachloroethene	ND		ug/Kg	5.0	05/07/23	05/07/23
Dibromochloromethane	ND		ug/Kg	5.0	05/07/23	05/07/23
1,2-Dibromoethane	ND		ug/Kg	5.0	05/07/23	05/07/23
Chlorobenzene	ND		ug/Kg	5.0	05/07/23	05/07/23
1,1,1,2-Tetrachloroethane	ND		ug/Kg	5.0	05/07/23	05/07/23
Ethylbenzene	ND		ug/Kg	5.0	05/07/23	05/07/23
m,p-Xylenes	ND		ug/Kg	10	05/07/23	05/07/23
o-Xylene	ND		ug/Kg	5.0	05/07/23	05/07/23
Styrene	ND		ug/Kg	5.0	05/07/23	05/07/23

ENTHALPY ANALYTICAL

Batch QC

QC1063893 Analyte	Result	Qual	Units	RL	Prepared	Analyzed
Bromoform	ND		ug/Kg	5.0	05/07/23	05/07/23
Isopropylbenzene	ND		ug/Kg	5.0	05/07/23	05/07/23
1,1,2,2-Tetrachloroethane	ND		ug/Kg	5.0	05/07/23	05/07/23
1,2,3-Trichloropropane	ND		ug/Kg	5.0	05/07/23	05/07/23
Propylbenzene	ND		ug/Kg	5.0	05/07/23	05/07/23
Bromobenzene	ND		ug/Kg	5.0	05/07/23	05/07/23
1,3,5-Trimethylbenzene	ND		ug/Kg	5.0	05/07/23	05/07/23
2-Chlorotoluene	ND		ug/Kg	5.0	05/07/23	05/07/23
4-Chlorotoluene	ND		ug/Kg	5.0	05/07/23	05/07/23
tert-Butylbenzene	ND		ug/Kg	5.0	05/07/23	05/07/23
1,2,4-Trimethylbenzene	ND		ug/Kg	5.0	05/07/23	05/07/23
sec-Butylbenzene	ND		ug/Kg	5.0	05/07/23	05/07/23
para-Isopropyl Toluene	ND		ug/Kg	5.0	05/07/23	05/07/23
1,3-Dichlorobenzene	ND		ug/Kg	5.0	05/07/23	05/07/23
1,4-Dichlorobenzene	ND		ug/Kg	5.0	05/07/23	05/07/23
n-Butylbenzene	ND		ug/Kg	5.0	05/07/23	05/07/23
1,2-Dichlorobenzene	ND		ug/Kg	5.0	05/07/23	05/07/23
1,2-Dibromo-3-Chloropropane	ND		ug/Kg	5.0	05/07/23	05/07/23
1,2,4-Trichlorobenzene	ND		ug/Kg	5.0	05/07/23	05/07/23
Hexachlorobutadiene	ND		ug/Kg	5.0	05/07/23	05/07/23
Naphthalene	ND		ug/Kg	5.0	05/07/23	05/07/23
1,2,3-Trichlorobenzene	ND		ug/Kg	5.0	05/07/23	05/07/23
Surrogates				**Limits**		
Dibromofluoromethane	97%		%REC	70-130	05/07/23	05/07/23
1,2-Dichloroethane-d4	97%		%REC	70-145	05/07/23	05/07/23
Toluene-d8	99%		%REC	70-145	05/07/23	05/07/23
Bromofluorobenzene	100%		%REC	70-145	05/07/23	05/07/23

ENTHALPY ANALYTICAL

Batch QC

Type:	**Blank**	**Lab ID:**	**QC1064246**	**Batch:**	**313474**
Matrix:	**Soil**	**Method:**	**EPA 8270C**	**Prep Method:**	**EPA 3546**

QC1064246 Analyte	Result	Qual	Units	RL	Prepared	Analyzed
Carbazole	ND		ug/Kg	250	05/09/23	05/09/23
1-Methylnaphthalene	ND		ug/Kg	250	05/09/23	05/09/23
Pyridine	ND		ug/Kg	250	05/09/23	05/09/23
N-Nitrosodimethylamine	ND		ug/Kg	250	05/09/23	05/09/23
Phenol	ND		ug/Kg	250	05/09/23	05/09/23
Aniline	ND		ug/Kg	250	05/09/23	05/09/23
bis(2-Chloroethyl)ether	ND		ug/Kg	1,200	05/09/23	05/09/23
2-Chlorophenol	ND		ug/Kg	250	05/09/23	05/09/23
1,3-Dichlorobenzene	ND		ug/Kg	250	05/09/23	05/09/23
1,4-Dichlorobenzene	ND		ug/Kg	250	05/09/23	05/09/23
Benzyl alcohol	ND		ug/Kg	250	05/09/23	05/09/23
1,2-Dichlorobenzene	ND		ug/Kg	250	05/09/23	05/09/23
2-Methylphenol	ND		ug/Kg	250	05/09/23	05/09/23
bis(2-Chloroisopropyl) ether	ND		ug/Kg	250	05/09/23	05/09/23
3-,4-Methylphenol	ND		ug/Kg	400	05/09/23	05/09/23
N-Nitroso-di-n-propylamine	ND		ug/Kg	250	05/09/23	05/09/23
Hexachloroethane	ND		ug/Kg	250	05/09/23	05/09/23
Nitrobenzene	ND		ug/Kg	1,200	05/09/23	05/09/23
Isophorone	ND		ug/Kg	250	05/09/23	05/09/23
2-Nitrophenol	ND		ug/Kg	250	05/09/23	05/09/23
2,4-Dimethylphenol	ND		ug/Kg	250	05/09/23	05/09/23
Benzoic acid	ND		ug/Kg	1,200	05/09/23	05/09/23
bis(2-Chloroethoxy)methane	ND		ug/Kg	250	05/09/23	05/09/23
2,4-Dichlorophenol	ND		ug/Kg	250	05/09/23	05/09/23
1,2,4-Trichlorobenzene	ND		ug/Kg	250	05/09/23	05/09/23
Naphthalene	ND		ug/Kg	250	05/09/23	05/09/23
4-Chloroaniline	ND		ug/Kg	250	05/09/23	05/09/23
Hexachlorobutadiene	ND		ug/Kg	250	05/09/23	05/09/23
4-Chloro-3-methylphenol	ND		ug/Kg	250	05/09/23	05/09/23
2-Methylnaphthalene	ND		ug/Kg	250	05/09/23	05/09/23
Hexachlorocyclopentadiene	ND		ug/Kg	1,200	05/09/23	05/09/23
2,4,6-Trichlorophenol	ND		ug/Kg	250	05/09/23	05/09/23
2,4,5-Trichlorophenol	ND		ug/Kg	250	05/09/23	05/09/23
2-Chloronaphthalene	ND		ug/Kg	250	05/09/23	05/09/23
2-Nitroaniline	ND		ug/Kg	250	05/09/23	05/09/23
Dimethylphthalate	ND		ug/Kg	250	05/09/23	05/09/23
Acenaphthylene	ND		ug/Kg	250	05/09/23	05/09/23
2,6-Dinitrotoluene	ND		ug/Kg	250	05/09/23	05/09/23
3-Nitroaniline	ND		ug/Kg	250	05/09/23	05/09/23
Acenaphthene	ND		ug/Kg	250	05/09/23	05/09/23
2,4-Dinitrophenol	ND		ug/Kg	1,200	05/09/23	05/09/23
4-Nitrophenol	ND		ug/Kg	250	05/09/23	05/09/23

ENTHALPY ANALYTICAL

Batch QC

QC1064246 Analyte	Result	Qual	Units	RL	Prepared	Analyzed
Dibenzofuran	ND		ug/Kg	250	05/09/23	05/09/23
2,4-Dinitrotoluene	ND		ug/Kg	250	05/09/23	05/09/23
Diethylphthalate	ND		ug/Kg	250	05/09/23	05/09/23
Fluorene	ND		ug/Kg	250	05/09/23	05/09/23
4-Chlorophenyl-phenylether	ND		ug/Kg	250	05/09/23	05/09/23
4-Nitroaniline	ND		ug/Kg	250	05/09/23	05/09/23
4,6-Dinitro-2-methylphenol	ND		ug/Kg	250	05/09/23	05/09/23
N-Nitrosodiphenylamine	ND		ug/Kg	250	05/09/23	05/09/23
1,2-diphenylhydrazine (as azobenzene)	ND		ug/Kg	250	05/09/23	05/09/23
4-Bromophenyl-phenylether	ND		ug/Kg	250	05/09/23	05/09/23
Hexachlorobenzene	ND		ug/Kg	250	05/09/23	05/09/23
Pentachlorophenol	ND		ug/Kg	1,200	05/09/23	05/09/23
Phenanthrene	ND		ug/Kg	250	05/09/23	05/09/23
Anthracene	ND		ug/Kg	250	05/09/23	05/09/23
Di-n-butylphthalate	ND		ug/Kg	250	05/09/23	05/09/23
Fluoranthene	ND		ug/Kg	250	05/09/23	05/09/23
Benzidine	ND		ug/Kg	1,200	05/09/23	05/09/23
Pyrene	ND		ug/Kg	250	05/09/23	05/09/23
Butylbenzylphthalate	ND		ug/Kg	250	05/09/23	05/09/23
3,3'-Dichlorobenzidine	ND		ug/Kg	1,200	05/09/23	05/09/23
Benzo(a)anthracene	ND		ug/Kg	250	05/09/23	05/09/23
Chrysene	ND		ug/Kg	250	05/09/23	05/09/23
bis(2-Ethylhexyl)phthalate	ND		ug/Kg	250	05/09/23	05/09/23
Di-n-octylphthalate	ND		ug/Kg	250	05/09/23	05/09/23
Benzo(b)fluoranthene	ND		ug/Kg	250	05/09/23	05/09/23
Benzo(k)fluoranthene	ND		ug/Kg	250	05/09/23	05/09/23
Benzo(a)pyrene	ND		ug/Kg	250	05/09/23	05/09/23
Indeno(1,2,3-cd)pyrene	ND		ug/Kg	250	05/09/23	05/09/23
Dibenz(a,h)anthracene	ND		ug/Kg	250	05/09/23	05/09/23
Benzo(g,h,i)perylene	ND		ug/Kg	250	05/09/23	05/09/23
Surrogates				**Limits**		
2-Fluorophenol	86%		%REC	29-120	05/09/23	05/09/23
Phenol-d6	86%		%REC	30-120	05/09/23	05/09/23
2,4,6-Tribromophenol	84%		%REC	32-120	05/09/23	05/09/23
Nitrobenzene-d5	85%		%REC	33-120	05/09/23	05/09/23
2-Fluorobiphenyl	79%		%REC	39-120	05/09/23	05/09/23
Terphenyl-d14	75%		%REC	44-125	05/09/23	05/09/23

ENTHALPY ANALYTICAL

Batch QC

Type: Lab Control Sample	**Lab ID: QC1064247**	**Batch: 313474**
Matrix: Soil	**Method: EPA 8270C**	**Prep Method: EPA 3546**

QC1064247 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Phenol	2,405	3726	ug/Kg	65%		42-120
2-Chlorophenol	2,435	3726	ug/Kg	65%		41-120
1,4-Dichlorobenzene	2,380	3726	ug/Kg	64%		36-120
3-,4-Methylphenol	2,514	3726	ug/Kg	67%		42-120
N-Nitroso-di-n-propylamine	2,344	3726	ug/Kg	63%		43-121
2,4-Dimethylphenol	2,401	3726	ug/Kg	64%		25-120
1,2,4-Trichlorobenzene	2,399	3726	ug/Kg	64%		38-120
4-Chloro-3-methylphenol	2,395	3726	ug/Kg	64%		40-125
2,4,5-Trichlorophenol	2,472	3726	ug/Kg	66%		40-124
Acenaphthene	2,238	3726	ug/Kg	60%		35-126
4-Nitrophenol	2,147	3726	ug/Kg	58%		24-128
2,4-Dinitrotoluene	2,384	3726	ug/Kg	64%		40-131
Pentachlorophenol	1,991	3726	ug/Kg	53%		35-120
Pyrene	2,188	3726	ug/Kg	59%		37-135
Chrysene	2,141	3726	ug/Kg	57%		38-132
Benzo(b)fluoranthene	2,278	3726	ug/Kg	61%		38-135
Surrogates						
2-Fluorophenol	1,456	1987	ug/Kg	73%		29-120
Phenol-d6	1,460	1987	ug/Kg	73%		30-120
2,4,6-Tribromophenol	1,485	1987	ug/Kg	75%		32-120
Nitrobenzene-d5	1,405	1987	ug/Kg	71%		33-120
2-Fluorobiphenyl	1,317	1987	ug/Kg	66%		39-120
Terphenyl-d14	1,290	1987	ug/Kg	65%		44-125

ENTHALPY ANALYTICAL

Batch QC

Type:	**Matrix Spike**	**Lab ID:**	**QC1064387**	**Batch:**	**313474**
Matrix (Source ID):	**Soil (484652-005)**	**Method:**	**EPA 8270C**	**Prep Method:**	**EPA 3546**

QC1064387 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Phenol	2,123	ND	3754	ug/Kg	57%		37-120	5
2-Chlorophenol	2,070	ND	3754	ug/Kg	55%		33-120	5
1,4-Dichlorobenzene	2,018	ND	3754	ug/Kg	54%		32-120	5
3-,4-Methylphenol	2,249	ND	3754	ug/Kg	60%		37-120	5
N-Nitroso-di-n-propylamine	2,021	ND	3754	ug/Kg	54%		32-120	5
2,4-Dimethylphenol	2,155	ND	3754	ug/Kg	57%		32-120	5
1,2,4-Trichlorobenzene	2,136	ND	3754	ug/Kg	57%		33-120	5
4-Chloro-3-methylphenol	2,140	ND	3754	ug/Kg	57%		41-121	5
2,4,5-Trichlorophenol	2,254	ND	3754	ug/Kg	60%		40-120	5
Acenaphthene	2,095	ND	3754	ug/Kg	56%		37-120	5
4-Nitrophenol	1,750	ND	3754	ug/Kg	47%		20-141	5
2,4-Dinitrotoluene	2,026	ND	3754	ug/Kg	54%		33-128	5
Pentachlorophenol	1,602	ND	3754	ug/Kg	43%		28-132	5
Pyrene	2,157	ND	3754	ug/Kg	57%		39-135	5
Chrysene	1,961	ND	3754	ug/Kg	52%		37-135	5
Benzo(b)fluoranthene	1,974	ND	3754	ug/Kg	53%		34-139	5
Surrogates								
2-Fluorophenol	1,075		2002	ug/Kg	54%		29-120	5
Phenol-d6	1,180		2002	ug/Kg	59%		30-120	5
2,4,6-Tribromophenol	1,300		2002	ug/Kg	65%		32-120	5
Nitrobenzene-d5	1,152		2002	ug/Kg	58%		33-120	5
2-Fluorobiphenyl	1,154		2002	ug/Kg	58%		39-120	5
Terphenyl-d14	1,144		2002	ug/Kg	57%		44-125	5

ENTHALPY ANALYTICAL

Batch QC

Type:	**Matrix Spike Duplicate**	**Lab ID:**	**QC1064388**	**Batch:**	**313474**
Matrix (Source ID):	**Soil (484652-005)**	**Method:**	**EPA 8270C**	**Prep Method:**	**EPA 3546**

QC1064388 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
Phenol	2,355	ND	3756	ug/Kg	63%		37-120	10	49	5
2-Chlorophenol	2,360	ND	3756	ug/Kg	63%		33-120	13	52	5
1,4-Dichlorobenzene	2,508	ND	3756	ug/Kg	67%		32-120	22	50	5
3-,4-Methylphenol	2,497	ND	3756	ug/Kg	66%		37-120	10	54	5
N-Nitroso-di-n-propylamine	2,408	ND	3756	ug/Kg	64%		32-120	17	50	5
2,4-Dimethylphenol	2,470	ND	3756	ug/Kg	66%		32-120	14	50	5
1,2,4-Trichlorobenzene	2,475	ND	3756	ug/Kg	66%		33-120	15	50	5
4-Chloro-3-methylphenol	2,394	ND	3756	ug/Kg	64%		41-121	11	43	5
2,4,5-Trichlorophenol	2,500	ND	3756	ug/Kg	67%		40-120	10	47	5
Acenaphthene	2,450	ND	3756	ug/Kg	65%		37-120	16	48	5
4-Nitrophenol	1,766	ND	3756	ug/Kg	47%		20-141	1	30	5
2,4-Dinitrotoluene	2,389	ND	3756	ug/Kg	64%		33-128	16	50	5
Pentachlorophenol	1,889	ND	3756	ug/Kg	50%		28-132	16	30	5
Pyrene	2,398	ND	3756	ug/Kg	64%		39-135	11	41	5
Chrysene	2,214	ND	3756	ug/Kg	59%		37-135	12	46	5
Benzo(b)fluoranthene	2,373	ND	3756	ug/Kg	63%		34-139	18	47	5
Surrogates										
2-Fluorophenol	1,356		2003	ug/Kg	68%		29-120			5
Phenol-d6	1,392		2003	ug/Kg	69%		30-120			5
2,4,6-Tribromophenol	1,501		2003	ug/Kg	75%		32-120			5
Nitrobenzene-d5	1,419		2003	ug/Kg	71%		33-120			5
2-Fluorobiphenyl	1,329		2003	ug/Kg	66%		39-120			5
Terphenyl-d14	1,366		2003	ug/Kg	68%		44-125			5

Type:	**Sample Duplicate**	**Lab ID:**	**QC1066345**	**Batch:**	**314109**
Matrix (Source ID):	**Soil (484652-003)**	**Method:**	**EPA 9045C**		

QC1066345 Analyte	Result	Source Sample Result	Units	Qual	RPD	RPD Lim	DF
pH	8.720	8.650	SU		1	20	1
Temperature	23.50	23.20	deg C		1	20	1

ENTHALPY ANALYTICAL

Batch QC

Type:	**Sample Duplicate**	**Lab ID:**	**QC1066344**	**Batch:**	**314101**
Matrix (Source ID):	**Miscell. (484784-001)**	**Method:**	**EPA 9045C**		

QC1066344 Analyte	Result	Source Sample Result	Units	Qual	RPD	RPD Lim	DF
pH	12.00	12.03	SU		0	20	1
Temperature	25.00	24.70	deg C		1	20	1

* Value is outside QC limits
ND Not Detected
b See narrative

Laboratory Job Number 484652

Subcontracted Products

SGS Forensic

SGS FORENSIC LABORATORIES

Final Report

Bulk Asbestos Material Analysis

(Air Resources Board Method 435, June 6, 1991)

Enthalpy Analytical LLC
Sophia Baughman
2323 5th Street

Berkeley, CA 94710

Client ID: 1137
Report Number: N015468
Date Received: 05/08/23
Date Analyzed: 05/12/23
Date Printed: 05/12/23

Job ID/Site: PO-045521 -EO-484652

SGSFL Job ID: 1137
Total Samples Submitted: 9
Total Samples Analyzed: 9

PLM Report Number: N/A

Sample Preparation and Analysis:

Samples were analyzed by the Air Resources Board's Method 435, Determination of Asbestos Content of Serpentine Aggregate. Samples were ground to 200 particle size in the laboratory. Approximately 1 pint was retained for analysis. Samples were prepared for observation according to the guidelines of Exception I and Exception II as defined by the 435 Method. Samples which contained less than 10% asbestos were prepared for observation according to the point count technique as defined by the 435 Method. This analysis was performed with a standard cross-hair reticle.

Sample ID	Lab Number	Layer Description
F-21-10	12663597	**Brown Soil**

Visual Estimation Results:

Matrix percentage of entire sample 100
Visual estimation percentage: **None Detected**
Asbestos type(s) detected: None Detected

Comment: This result meets the requirements of Exception I as defined by the 435 Method.

Sample ID	Lab Number	Layer Description
F-21-20	12663598	**Brown Soil**

Visual Estimation Results:

Matrix percentage of entire sample 100
Visual estimation percentage: **None Detected**
Asbestos type(s) detected: None Detected

Comment: This result meets the requirements of Exception I as defined by the 435 Method.

Sample ID	Lab Number	Layer Description
F-21-30	12663599	**Brown Soil**

Visual Estimation Results:

Matrix percentage of entire sample 100
Visual estimation percentage: **None Detected**
Asbestos type(s) detected: None Detected

Comment: This result meets the requirements of Exception I as defined by the 435 Method.

Sample ID	Lab Number	Layer Description
F-22-10	12663600	**Brown Soil**

Visual Estimation Results:

Matrix percentage of entire sample 100
Visual estimation percentage: **None Detected**
Asbestos type(s) detected: None Detected

Comment: This result meets the requirements of Exception I as defined by the 435 Method.

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Bulk Asbestos Material Analysis

(Air Resources Board Method 435, June 6, 1991)

Enthalpy Analytical LLC
Sophia Baughman
2323 5th Street

Berkeley, CA 94710

Client ID: 1137
Report Number: N015468
Date Received: 05/08/23
Date Analyzed: 05/12/23
Date Printed: 05/12/23

Job ID/Site: PO-045521 -EO-484652

SGSFL Job ID: 1137
Total Samples Submitted: 9
Total Samples Analyzed: 9

PLM Report Number: N/A

Sample Preparation and Analysis:

Samples were analyzed by the Air Resources Board's Method 435, Determination of Asbestos Content of Serpentine Aggregate. Samples were ground to 200 particle size in the laboratory. Approximately 1 pint was retained for analysis. Samples were prepared for observation according to the guidelines of Exception I and Exception II as defined by the 435 Method. Samples which contained less than 10% asbestos were prepared for observation according to the point count technique as defined by the 435 Method. This analysis was performed with a standard cross-hair reticle.

Sample ID	Lab Number	Layer Description
F-22-20	12663601	**Brown Soil**

Visual Estimation Results:

Matrix percentage of entire sample 100
Visual estimation percentage: **None Detected**
Asbestos type(s) detected: None Detected

Comment: This result meets the requirements of Exception I as defined by the 435 Method.

Sample ID	Lab Number	Layer Description
F-22-30	12663602	**Brown Soil**

Visual Estimation Results:

Matrix percentage of entire sample 100
Visual estimation percentage: **None Detected**
Asbestos type(s) detected: None Detected

Comment: This result meets the requirements of Exception I as defined by the 435 Method.

Sample ID	Lab Number	Layer Description
F-23-1	12663603	**Brown Soil**

Visual Estimation Results:

Matrix percentage of entire sample 100
Visual estimation percentage: **None Detected**
Asbestos type(s) detected: None Detected

Comment: This result meets the requirements of Exception I as defined by the 435 Method.

Sample ID	Lab Number	Layer Description
F-24-5	12663604	**Brown Soil**

Visual Estimation Results:

Matrix percentage of entire sample 100
Visual estimation percentage: **None Detected**
Asbestos type(s) detected: None Detected

Comment: This result meets the requirements of Exception I as defined by the 435 Method.

SGS FORENSIC LABORATORIES

Final Report

Bulk Asbestos Material Analysis

(Air Resources Board Method 435, June 6, 1991)

Enthalpy Analytical LLC
Sophia Baughman
2323 5th Street

Berkeley, CA 94710

Client ID: 1137
Report Number: N015468
Date Received: 05/08/23
Date Analyzed: 05/12/23
Date Printed: 05/12/23

Job ID/Site: PO-045521 -EO-484652

PLM Report Number: N/A

SGSFL Job ID: 1137
Total Samples Submitted: 9
Total Samples Analyzed: 9

Sample Preparation and Analysis:

Samples were analyzed by the Air Resources Board's Method 435, Determination of Asbestos Content of Serpentine Aggregate. Samples were ground to 200 particle size in the laboratory. Approximately 1 pint was retained for analysis. Samples were prepared for observation according to the guidelines of Exception I and Exception II as defined by the 435 Method. Samples which contained less than 10% asbestos were prepared for observation according to the point count technique as defined by the 435 Method. This analysis was performed with a standard cross-hair reticle.

Sample ID	Lab Number	Layer Description
F-24-20	12663605	**Brown Soil**

Visual Estimation Results:

Matrix percentage of entire sample	100
Visual estimation percentage:	**None Detected**
Asbestos type(s) detected:	None Detected

Comment: This result meets the requirements of Exception I as defined by the 435 Method.

Tad Thrower

Tad Thrower, Laboratory Supervisor, Hayward Laboratory

Note: Limit of Quantification (LOQ) = 0.25%. Trace denotes the presence of asbestos below the LOQ. ND = None Detected.

Analytical results and reports are generated by SGS Forensic Laboratories (SGSFL) at the request of and for the exclusive use of the person or entity (client) named on such report. Results, reports or copies of same will not be released by SGSFL to any third party without prior written request from client. This report applies only to the sample(s) tested. Supporting laboratory documentation is available upon request. This report must not be reproduced except in full, unless approved by SGSFL. The client is solely responsible for the use and interpretation of test results and reports requested from SGSFL. This report must not be used by the client to claim product endorsement by NVLAP or any other agency of the U.S. Government. SGSFL is not able to assess the degree of hazard resulting from materials analyzed. SGS Forensic Laboratories reserves the right to dispose of all samples after a period of thirty (30) days, according to all state and federal guidelines, unless otherwise specified. All samples were received in acceptable condition unless otherwise noted.

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Enthalpy Analytical
931 West Barkley Ave
Orange, CA 92868
(714) 771-6900

enthalpy.com

Lab Job Number: 484669
Report Level: II
Report Date: 05/17/2023

Analytical Report *prepared for:*

Peter Sims
Farallon Consulting
330 Franklin Street
Suite 200
Oakland, CA 94612

Project: 1363-005-006 - Brisbane Quarry

Authorized for release by:

Sophia Baughman, Project Manager
sophia.baughman@enthalpy.com

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 above signature which applies to this PDF file as well as any associated electronic data deliverable files. The results contained in this report meet all requirements of NELAP and pertain only to those samples which were submitted for analysis. This report may be reproduced only in its entirety.

CA ELAP# 1338, NELAP# 4038, SCAQMD LAP# 18LA0518, LACSD ID# 10105

ENTHALPY ANALYTICAL

Sample Summary

Peter Sims
Farallon Consulting
330 Franklin Street
Suite 200
Oakland, CA 94612

Lab Job #:	484669
Project No:	1363-005-006
Location:	Brisbane Quarry
Date Received:	05/05/23

Sample ID	Lab ID	Collected	Matrix
F-6-GW	484669-001	05/03/23 15:00	Water
F-1-1.0	484669-002	05/03/23 14:18	Soil
F-1-3.0	484669-003	05/03/23 14:31	Soil
F-1-5.0	484669-004	05/03/23 14:36	Soil
F-3-3.0	484669-005	05/04/23 08:27	Soil
F-3-4.0	484669-006	05/04/23 08:31	Soil
F-3-6.0	484669-007	05/04/23 08:36	Soil
F-2-3.0	484669-008	05/04/23 10:11	Soil
F-2-4.0	484669-009	05/04/23 10:20	Soil
F-2-6.0	484669-010	05/04/23 10:30	Soil
F-2-GW	484669-011	05/04/23 16:00	Water
F-25-0.5	484669-012	05/04/23 13:18	Soil
F-25-3.0	484669-013	05/04/23 13:23	Soil
S-4A-1.0	484669-014	05/04/23 14:20	Soil
S-4A-3.0	484669-015	05/04/23 14:30	Soil
S-4B-1.0	484669-016	05/04/23 15:18	Soil
S-4B-3.0	484669-017	05/04/23 15:20	Soil
S-4C-1.0	484669-018	05/04/23 14:42	Soil
S-4C-3.0	484669-019	05/04/23 14:45	Soil
S-4D-1.0	484669-020	05/04/23 15:08	Soil
S-4D-3.0	484669-021	05/04/23 15:11	Soil

ENTHALPY ANALYTICAL

Case Narrative

Farallon Consulting	Lab Job Number: 484669
330 Franklin Street	Project No: 1363-005-006
Suite 200	Location: Brisbane Quarry
Oakland, CA 94612	Date Received: 05/05/23
Peter Sims	

This data package contains sample and QC results for twelve soil samples and two water samples, requested for the above referenced project on 05/05/23. The samples were received cold and intact.

TPH-Purgeables and/or BTXE by GC (EPA 8015B) Water:
No analytical problems were encountered.

TPH-Purgeables and/or BTXE by GC (EPA 8015B) Soil:
No analytical problems were encountered.

TPH-Extractables by GC (EPA 8015B) Water:

- F-6-GW (lab # 484669-001) and F-2-GW (lab # 484669-011) were diluted due to the dark color of the sample extracts.
- No other analytical problems were encountered.

TPH-Extractables by GC (EPA 8015M) Soil:

- F-1-1.0 (lab # 484669-002), F-2-4.0 (lab # 484669-009), and F-25-0.5 (lab # 484669-012) were diluted due to the dark color of the sample extracts.
- No other analytical problems were encountered.

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.

Semivolatile Organics by GC/MS SIM (EPA 8270C-SIM) Water:
No analytical problems were encountered.

Semivolatile Organics by GC/MS SIM (EPA 8270C-SIM) Soil:

- Low recoveries were observed for benzo(b)fluoranthene, benzo(g,h,i)perylene, and chrysene in the MS for batch 313427; the parent sample was not a project sample, and the LCS was within limits. High RPD was observed for benzo(g,h,i)perylene and dibenz(a,h)anthracene in the MS/MSD for batch 313427.
- A number of samples were diluted due to the dark and viscous nature of the sample extracts.
- No other analytical problems were encountered.

Metals (EPA 6010B and EPA 7471A):

- High response was observed for beryllium in the CCV analyzed 05/09/23 19:55; affected data was qualified with "b".
- Low recoveries were observed for nickel and antimony in the MS/MSD for batch 313453; the parent sample was not a project sample, the LCS was within limits, and the associated RPDs were within limits. High recoveries were observed for barium; the LCS was within limits. High RPD was also observed for barium.
- No other analytical problems were encountered.

ENTHALPY ANALYTICAL

Chain of Custody Record

Lab No: 484669

Page: 1 of 3

Turn Around Time (rush by advanced notice only)

Standard:	✓	5 Day:		3 Day:	
2 Day:		1 Day:		Custom TAT:	

Enthalpy Analytical - Berkeley

2323 5th Street, Berkeley, CA 94710

Phone 510-486-0900

Matrix: A = Air S = Soil/Solid W = Water DW = Drinking Wate SD = Sediment PP = Pure Product SEA = Sea Water SW = Swab T = Tissue WP = Wipe O = Other

Preservatives: 1 = $Na_2S_2O_3$ 2 = HCl 3 = HNO_3 4 = H_2SO_4 5 = NaOH 6 = Other

Sample Receipt Temp: (lab use only)

CUSTOMER INFORMATION		PROJECT INFORMATION	
Company:	Farallon Consulting	Name:	Brisbane Quarry
Report To:	Peter Sims	Number:	1363-005-006
Email:	Psims@farallonconsulting.com	P.O. #:	
Address:	330 Franklin Street, Suite 200	Address:	1 Quarry Road
	Oakland, CA 94607		Brisbane, California 94005
Phone:	949-338-8317	Global ID:	
Fax:		Sampled By:	J DePriest/L. Mosqueda

	Sample ID	Sampling Date	Sampling Time	Matrix	Container No. / Size	Pres.	GRO by 8015M	DRO by 8015M	ORO by 8015M	VOCs by 8260B	SVOCs by 8270	PAHs by 8270	OCPs by 8081	PCBs by 8082	Title 22 Metals by 6010D/7471	Silica by 6010D	pH by 9045D	Asbestos by CARB 435	HOLD FOR ANALYSIS	Test Instructions / Comments
1	F-6-GW	05/03/23	1500	GW	5, 1L, VOA	HCl	✓	✓	✓	✓		✓								
2	F-1-1.0	"	1418	SOIL	5, 160z, VOA	NoH	✓	✓	✓	✓		✓								
3	F-1-3.0		1431				✓	✓	✓	✓		✓								
4	F-1-5.0		1436																✓	
5	F-3-3.0	05/04/23	0827				✓	✓	✓	✓		✓								
6	F-3-4.0		0831				✓	✓	✓	✓		✓								
7	F-3-6.0		0836																✓	
8	F-2-3.0		1011				✓	✓	✓	✓		✓								
9	F-2-4.0		1020				✓	✓	✓	✓		✓								
10	F-2-6.0		1030																✓	

	Signature	Print Name	Company / Title	Date / Time
1 Relinquished By:	Laura Mosqueda	Laura Mosqueda	Farallon, Staff Geologist	05/05/2023 15:54
1 Received By:			EA	5/5/23 15:54
2 Relinquished By:			EA	5/5/23 1511
2 Received By:			EA	5/6/23 1530
3 Relinquished By:				
3 Received By:				

ENTHALPY ANALYTICAL

Chain of Custody Record

Lab No: 484629

Page: 2 of 3

Turn Around Time (rush by advanced notice only)

Standard:	X	5 Day:		3 Day:	
2 Day:		1 Day:		Custom TAT:	

Enthalpy Analytical - Berkeley

2323 5th Street, Berkeley, CA 94710

Phone 510-486-0900

Matrix: A = Air S = Soil/Solid W = Water DW = Drinking Wate SD = Sediment PP = Pure Product SEA = Sea Water SW = Swab T = Tissue WP = Wipe O = Other

Preservatives: 1 = $Na_2S_2O_3$ 2 = HCl 3 = HNO_3 4 = H_2SO_4 5 = NaOH 6 = Other

Sample Receipt Temp: (lab use only)

CUSTOMER INFORMATION		PROJECT INFORMATION	
Company:	Farallon Consulting	Name:	Brisbane Quarry
Report To:	Peter Sims	Number:	1363-005-006
Email:	Psims@farallonconsulting.com	P.O. #:	
Address:	330 Franklin Street, Suite 200	Address:	1 Quarry Road
	Oakland, CA 94607		Brisbane, California 94005
Phone:	949-338-8317	Global ID:	
Fax:		Sampled By:	J DePriest/L. Mosqueda

	Sample ID	Sampling Date	Sampling Time	Matrix	Container No. / Size	Pres.	GRO by 8015M	DRO by 8015M	ORO by 8015M	VOCs by 8260B	SVOCs by 8270	PAHs by 8270	OCPs by 8081	PCBs by 8082	Title 22 Metals by 6010D/7471	Silica by 6010D	pH by 9045D	Asbestos by CARB 435	HOLD FOR ANALYSIS	Test Instructions / Comments
1	F-2-GW	05/04/23	1600	GW	3 VOA, 1L	HCl	✓			✓										
2	F-25-0.5		1318	Soil	5, 1 Leq VOA	Moist	✓	✓	✓	✓					✓					
3	F-25-3.0		1323				✓	✓	✓	✓					✓					
4	S-4A-1.0		1420							✓										
5	S-4A-3.0		1430																✓	
6	S-4B-1.0		1518							✓										
7	S-4B-3.0		1520														~		✓	
8	S-4C-1.0		1442							✓										
9	S-4C-3.0		1445																✓	
10	S-4D-1.0	↓	1508	↓	↓	↓				✓										

	Signature	Print Name	Company / Title	Date / Time
1 Relinquished By:	Laura Mosqueda	Laura Mosqueda	Farallon, Staff Geologist	05/05/2023 15:54
~~1 Received By:~~			EA	5/5/23 15:54
2 Relinquished By:			EA	5/5/23 18:21
2 Received By:				
3 Relinquished By:				
3 Received By:				

ENTHALPY ANALYTICAL

Chain of Custody Record

Lab No: 484669

Page: 3 of 3

Turn Around Time (rush by advanced notice only)

Standard:	X	5 Day:		3 Day:	
2 Day:		1 Day:		Custom TAT:	

Enthalpy Analytical - Berkeley

2323 5th Street, Berkeley, CA 94710

Phone 510-486-0900

Matrix: A = Air S = Soil/Solid W = Water DW = Drinking Wate SD = Sediment PP = Pure Product SEA = Sea Water SW = Swab T = Tissue WP = Wipe O = Other

Preservatives: 1 = $Na_2S_2O_3$ 2 = HCl 3 = HNO_3 4 = H_2SO_4 5 = NaOH 6 = Other

Sample Receipt Temp: (lab use only)

CUSTOMER INFORMATION		PROJECT INFORMATION	
Company:	Farallon Consulting	Name:	Brisbane Quarry
Report To:	Peter Sims	Number:	1363-005-006
Email:	Psims@farallonconsulting.com	P.O. #:	
Address:	330 Franklin Street, Suite 200	Address:	1 Quarry Road
	Oakland, CA 94607		Brisbane, California 94005
Phone:	949-338-8317	Global ID:	
Fax:		Sampled By:	J DePriest/L. Mosqueda

	Sample ID	Sampling Date	Sampling Time	Matrix	Container No. / Size	Pres.	GRO by 8015M	DRO by 8015M	ORO by 8015M	VOCs by 8260B	SVOCs by 8270	PAHs by 8270	OCPs by 8081	PCBs by 8082	Title 22 Metals by 6010D/7471	Silica by 6010D	pH by 9045D	Asbestos by CARB 435	HOLD FOR ANALYSIS	Test Instructions / Comments
1	S-4D-3.0	05/04/23	1511	Soil	5 1602 VOA	Meoh													✓	
2																				
3																				
4																				
5																				
6																				
7																				
8																				
9																				
10																				

	Signature	Print Name	Company / Title	Date / Time
1 Relinquished By:	Laura Mosqueda	Laura Mosqueda	Farallon, Staff Geologist	05/05/2023 15:54
1 Received By:		J Grover	EA	5/5/23 15:54
2 Relinquished By:		L Berry	EA	5/5/23 18:21
2 Received By:				
3 Relinquished By:				
3 Received By:				

SAMPLE RECEIPT CHECKLIST

Section 1: Login # 484669 Client: Fardlon

Date Received: 5/5/23 Project: _____

ENTHALPY

Section 2: Shipping info (if applicable) _____

Are custody seals present? ☑ No, or ☐ Yes. If yes, where? ☐ on cooler, ☐ on samples, ☐ on package

☐ Date: _____ How many _____ ☐ Signature, ☐ Initials, ☐ None

Were custody seals intact upon arrival? ☐ Yes ☐ No ☐ N/A

Samples received in a cooler? ☑ Yes, how many? 2 ☐ No (**skip Section 3 below**)

If no cooler Sample Temp (°C): _____ using IR Gun # ☐ B, or ☐ C

☐ Samples received on ice directly from the field. Cooling process had begun

If in cooler: Date Opened 5/5/23 By (print) MY (sign) _____

Section 3: ***Important*: Notify PM if temperature exceeds 6°C or arrive frozen.**

Packing in cooler: (if other, describe) _____

☐ Bubble Wrap, ☐ Foam blocks, ☑ Bags, ☐ None, ☐ Cloth material, ☐ Cardboard, ☐ Styrofoam, ☐ Paper towels

☐ Samples received on ice directly from the field. Cooling process had begun

Type of ice used : ☑ Wet, ☐ Blue/Gel, ☐ None Temperature blank(s) included? ☐ Yes, ☐ No

Temperature measured using ☐ Thermometer ID: _____, or IR Gun # ☐ B ☐ C

Cooler Temp (°C): #1: 2.6, #2: 2.4, #3: _____, #4: _____, #5: _____, #6: _____, #7: _____

Section 4:	YES	NO	N/A
Were custody papers dry, filled out properly, and the project identifiable	✓		
Were Method 5035 sampling containers present?	✓		
If YES, what time were they transferred to freezer? _____			
Did all bottles arrive unbroken/unopened?	—		
Are there any missing / extra samples?		—	
Are samples in the appropriate containers for indicated tests?	—		
Are sample labels present, in good condition and complete?	—		
Does the container count match the COC?	✓		
Do the sample labels agree with custody papers?		✓	
Was sufficient amount of sample sent for tests requested?		✓	
Did you change the hold time in LIMS for unpreserved VOAs?			—
Did you change the hold time in LIMS for preserved terracores?			—
Are bubbles > 6mm present in VOA samples?			
Was the client contacted concerning this sample delivery?		✓	
If YES, who was called? _____ By _____ Date: _____			

Section 5:	YES	NO	N/A
Are the samples appropriately preserved? (if N/A, skip the rest of section 5)			
Did you check preservatives for all bottles for each sample?			
Did you document your preservative check?			

pH strip lot# _____, pH strip lot# _____, pH strip lot# _____

Preservative added:

☐ H2SO4 lot# _____	added to samples _____	on/at _____	
☐ HCL lot# _____	added to samples _____	on/at _____	
☐ HNO3 lot# _____	added to samples _____	on/at _____	
☐ NaOH lot# _____	added to samples _____	on/at _____	

Section 6:

Explanations/Comments: -010 Sample ID does not match COC, -011 Amber & Low Volume

Date Logged in 5/5/23 **By (print)** MY **(sign)** _____

Date Labeled 5/5/23 **By (print)** USF **(sign)** _____

ENTHALPY ANALYTICAL

SAMPLE ACCEPTANCE CHECKLIST

484669

Section 1

Client: Farallon Consulting

Project: Brisbane Quarry

Date Received: 05/06/23

Sampler's Name Present: ☑ Yes ☐ No

Section 2

Sample(s) received in a cooler? ☑ Yes, How many? 2 ☐ No (skip section 2)

Sample Temp (°C) (No Cooler) _____

Sample Temp (°C), One from each cooler: #1: 3.4 #2: 3.9 #3: _____ #4: _____

(Acceptance range is < 6°C but not frozen (for Microbiology samples, acceptance range is < 10°C but not frozen). It is acceptable for samples collected the same day as sample receipt to have a higher temperature as long as there is evidence that cooling has begun.)

Shipping Information: Southwest Airlines

Section 3

Was the cooler packed with: ☑ Ice ☑ Ice Packs ☐ Bubble Wrap ☐ Styrofoam ☐ Paper ☐ None ☐ Other _____

Cooler Temp (°C): #1: 1.4 #2: 2.C #3: _____ #4: _____

Section 4	YES	NO	N/A
Was a COC received?	✔		
Are sample IDs present?	✔		
Are sampling dates & times present?	✔		
Is a relinquished signature present?	✔		
Are the tests required clearly indicated on the COC?	✔		
Are custody seals present?	✔		
If custody seals are present, were they intact?	✔		
Are all samples sealed in plastic bags? (Recommended for Microbiology samples)			✔
Did all samples arrive intact? If no, indicate in Section 4 below.	✔		
Did all bottle labels agree with COC? (ID, dates and times)	✔		
Were the samples collected in the correct containers for the required tests?	✔		
Are the containers labeled with the correct preservatives?	✔		
Is there headspace in the VOA vials greater than 5-6 mm in diameter?			
Was a sufficient amount of sample submitted for the requested tests?	✔ SLL	✓	

Section 5 Explanations/Comments

LIMITED SAMPLE VOLUME RECEIVED FOR SAMPLE-011 FOR 8015 DRO/ORO

Section 6

For discrepancies, how was the Project Manager notified? ☐ Verbal ☐ Email PM Initials: _____ Date/Time _____ (email sent to/on): _____ / _____

Project Manager's response:

Completed By: _____ Date: MAY 06 2023

484669

526 | OAK | 87885066

526 - 87885066

Shipper's Name and Address	Shipper's Account Number
ENTHALPY ANALYTICAL, LLC 931 W BARKLEY AVE ORANGE, CA 92868 US +1 (714) 771-6900	103977 - 1

Not Negotiable / Issued by

52687885066

Southwest Cargo

swacargo.com (800) 533-1222

Consignee's Name and Address	Consignee's Account Number
ENTHALPY ANALYTICAL, LLC 931 W BARKLEY AVE ORANGE, CA 92868 US +1 (714) 771-6900	103977 - 1

Copies 1, 2 and 3 of this Air Waybill are originals and have the same validity.

It is agreed that the goods described herein are accepted in apparent good order and condition (except as noted) for carriage subject to Southwest Airlines' Contract of Carriage which is www.swacargo.com and any location where air waybills are available. Shipper's attention is drawn to the terms of the contract which includes, among other things; (1) Limits on Carriers' liability for loss, damage, or delay of goods, including fragile or perishable goods; (2) Claim restrictions, including time within which shippers or consignees must file a claim or bring an action against the carrier for its acts or omissions or those of its agents; (3) Right of the carrier to change the terms of the contract; (4) Rules about refusal to carry; and (5) Rights of the carrier and limitations, concerning delay or failure to perform service, including schedule changes, rerouting, substitution of an alternate carrier or aircraft, or means of carriage including road unless specific contrary instructions are given hereon by shipper, and shipper agrees the shipment may be carried via intermediate stopping places the carrier deems appropriate. Shipper may increase liability limits by declaring a higher value for carriage and paying a supplemental charge if required.

Issuing Carrier's Agent Name and City

Accounting Information

Billed on 05/05/2023 19:16 PDT SWA ACCOUNT 103977

Agent's IATA Code | Account No.

Airport of Departure (Addr. of First Carrier) and Requested Routing

OAKLAND

Service Level - N

To	By First Carrier	To	By	To	By	Currency	CHGS Code	WT/VAL PPD	WT/VAL COLL	Other PPD	Other COLL	Declared Value for Carriage	Declared Value for Customs
ONT	SOUTHWEST AIRLINES					USD	PP	X		X		NVD	

Airport of Destination	Flight Date	For Carrier Use Only	Flight Date	Amount of Insurance	INSURANCE - If carrier offers insurance, and such insurance is requested in accordance with the conditions thereof, indicate amount to be insured in figures in box marked "Amount of Insurance".
ONT	WN2639 / 05MAY				

HANDLING INFORMATION -

SCI

No. of Pieces RCP	Gross Weight	kg lb	Rate Class	Commodity Item No.	Chargeable Weight	Rate / Charge	Total	Nature and Quantity of Goods (Inc. Dimensions or Volume)
9	515	L	B	0000	515	As Agreed	*******	SOIL/WATER/AIR SAMPLES DIMS IN INCHES: 8 = 24 X 15 X 14 1 = 24 X 15 X 14 #8 3.4 11.4
9	515						*******	

Prepaid	Weight Charge	Collect	Other Charges and Description
			MYC 0.00 SCC 0.00
Valuation Charge			
Tax			
Total Other Charges Due Agent			
Total Other Charges Due Carrier			
Total Prepaid	Total Collect		
Currency Conversion Rates	CC Charges in Dest.Currency		
For Carriers Use only at Destination	Charges at Destination	Total Collect Charges	

Shipper certifies that the particulars on the face hereof are correct and that **insofar as any part of the consignment contains dangerous goods, such part is properly described by name and is in proper condition for carriage by air according to the applicable Dangerous Goods Regulations.** I consent that this shipment shall be subject to search by the Carrier.

REBECCA BETANCOURT

Signature of Shipper or his Agent

Executed on (date and time)	At (place)	Signature of Issuing Carrier or its Agent
05/05/2023 19:16 PDT	OAK	E70673

526 - 87885066

ORIGINAL 2 (FOR CONSIGNEE)

526 | OAK | 87885066

526 - 87885066

Shipper's Name and Address	Shipper's Account Number
ENTHALPY ANALYTICAL, LLC 931 W BARKLEY AVE ORANGE, CA 92868 US +1 (714) 771-6900	103977 - 1

Not Negotiable / Issued by

52687885066

Southwest Cargo

swacargo.com (800) 533-1222

Copies 1, 2 and 3 of this Air Waybill are originals and have the same validity.

Consignee's Name and Address	Consignee's Account Number
ENTHALPY ANALYTICAL, LLC 931 W BARKLEY AVE ORANGE, CA 92868 US +1 (714) 771-6900	103977 - 1

It is agreed that the goods described herein are accepted in apparent good order and condition (except as noted) for carriage **subject to Southwest Airlines' Contract of Carriage which is www.swacargo.com and any location where air waybills are available. Shipper's attention is drawn to the terms of the contract which includes, among other things; (1) Limits on Carriers' liability for loss, damage, or delay of goods, including fragile or perishable goods; (2) Claim restrictions, including time within which shippers or consignees must file a claim or bring an action against the carrier for its acts or omissions or those of its agents; (3) Right of the carrier to change the terms of the contract; (4) Rules about refusal to carry; and (5) Rights of the carrier and limitations, concerning delay or failure to perform service, including schedule changes, rerouting, substitution of an alternate carrier or aircraft, or means of carriage including road unless specific contrary instructions are given thereon by shipper, and shipper agrees the shipment may be carried via intermediate stopping places the carrier deems appropriate.** Shipper may increase liability limits by declaring a higher value for carriage and paying a supplemental charge if required.

Issuing Carrier's Agent Name and City

Accounting Information

Billed on 05/05/2023 19:16 PDT SWA ACCOUNT 103977

Agent's IATA Code	Account No.

Airport of Departure (Addr. of First Carrier) and Requested Routing

OAKLAND

Service Level - N

To	By First Carrier	To	By	To	By	Currency	CHGS Code	WT/VAL PPD	WT/VAL COLL	Other PPD	Other COLL	Declared Value for Carriage	Declared Value for Customs
ONT	SOUTHWEST AIRLINES					USD	PP	X		X		NVD	

Airport of Destination	Flight Date (For Carrier Use Only)	Flight Date	Amount of Insurance	INSURANCE - If carrier offers insurance, and such insurance is requested in accordance with the conditions thereof, indicate amount to be insured in figures in box marked "Amount of Insurance".
ONT	WN2639 / 05MAY			

HANDLING INFORMATION -

SCI

No. of Pieces RCP	Gross Weight	kg lb	Rate Class	Commodity Item No.	Chargeable Weight	Rate / Charge	Total	Nature and Quantity of Goods (Inc. Dimensions or Volume)
9	515	L	B	0000	515	As Agreed	*******	SOIL/WATER/AIR SAMPLES DIMS IN INCHES: 8 = 24 X 15 X 14 1 = 24 X 15 X 14
9	515						*******	

Prepaid | Weight Charge | Collect

Valuation Charge

Tax

Total Other Charges Due Agent

Total Other Charges Due Carrier

Other Charges and Description

MYC 0.00 SCC 0.00

Shipper certifies that the particulars on the face hereof are correct and that **insofar as any part of the consignment contains dangerous goods, such part is properly described by name and is in proper condition for carriage by air according to the applicable Dangerous Goods Regulations.** I consent that this shipment shall be subject to search by the Carrier.

REBECCA BETANCOURT

Signature of Shipper or his Agent

Total Prepaid | Total Collect

Currency Conversion Rates | CC Charges in Dest.Currency

05/05/2023 19:16 PDT | OAK | E70673

Executed on (date and time) | At (place) | Signature of Issuing Carrier or its Agent

For Carriers Use only at Destination | Charges at Destination | Total Collect Charges

526 - 87885066

ORIGINAL 2 (FOR CONSIGNEE)

2.6/3.9

MONTROSE ENVIRONMENTAL

John Goyette <jgoyette@montrose-env.com>

[EXTERNAL] RE: * Please Review & Confirm * 1363-005-006 - Enthalpy Login Summary (484669)

Peter Sims <psims@farallonconsulting.com> Fri, May 5, 2023 at 8:16 PM
To: Sophia Baughman <sophia.baughman@enthalpy.com>, "Enthalpy Analytical (ClientServices.Berkeley@enthalpy.com)" <clientservices.berkeley@enthalpy.com>

Hi Enthalpy,

Please remove the TPHg analysis from samples F-1-1.0, F-1-3.0, F-3-3.0, F-3-4.0, F-2-3.0, F-2-4.0, F-2-GW

Remove Title 22 analysis from sample F-1-3.0, F-25-3.0

Add TPH carbon chain to F-2-GW

Thanks,

Peter D. Sims, PG (CA), LEED AP, Associate Geologist

Farallon Consulting | 330 Franklin Street, Suite 200 | Oakland, CA 94607

C: 949-338-8317

FARALLON CONSULTING

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From: Enthalpy Orange Sample Control <sample.control.orange@enthalpy.com>
Sent: Friday, May 5, 2023 6:36 PM
To: Richard Makdisi <rmakdisi@farallonconsulting.com>
Cc: Peter Sims <psims@farallonconsulting.com>; sophia.baughman@enthalpy.com
Subject: * Please Review & Confirm * 1363-005-006 - Enthalpy Login Summary (484669)

Enthalpy Login Summary for 484669

Project:	1363-005-006
Site:	Brisbane Quarry
Lab Login #:	484669
Report Level:	II
PO#:	
Lab Proj Mgr:	Sophia Baughman
TAT:	5 business days
Report Due:	05/12/23

Report To:	Farallon Consulting	**Bill To:**	Farallon Consulting
	330 Franklin Street		330 Franklin Street
	Suite 200		Suite 200
	Oakland, CA 94612		Oakland, CA 94612
	ATTN: Peter Sims		ATTN: Peter Sims

Client ID	Lab ID	Sampled	Received	COC #	Basis	Matrix	Analyses	Comments
F-6-GW	001	05/03/23 15:00	05/05/23		as received			

Water **8015B, Extractable Petroleum Hydrocarbons**

[EXTERNAL] RE: * Please Review & Confirm * 1363-005-006 - Enthalpy Login Summary (484669)

Peter Sims <psims@farallonconsulting.com>
To: John Goyette <john.goyette@enthalpy.com>

Mon, May 8, 2023 at 7:24 AM

Please add PAHs to F-2-GW

Thanks,

Peter D. Sims, PG (CA), LEED AP, Associate Geologist

Farallon Consulting | 330 Franklin Street, Suite 200 | Oakland, CA 94607

C: 949-338-8317

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From: John Goyette <john.goyette@enthalpy.com>
Sent: Saturday, May 6, 2023 10:39 AM
To: Peter Sims <psims@farallonconsulting.com>
Cc: Sophia Baughman <sophia.baughman@enthalpy.com>; Enthalpy Analytical (ClientServices.Berkeley@enthalpy.com) <clientservices.berkeley@enthalpy.com>
Subject: Re: [EXTERNAL] RE: * Please Review & Confirm * 1363-005-006 - Enthalpy Login Summary (484669)

Hi Peter,

Login revised and new summary emailed.

Thanks

John Goyette

Enthalpy Analytical, LLC

2323 Fifth St., Berkeley, CA 94710

(510) 204-2233

On Fri, May 5, 2023 at 8:17 PM Peter Sims <psims@farallonconsulting.com> wrote:

> Hi Enthalpy,
>
> Please remove the TPHg analysis from samples F-1-1.0, F-1-3.0, F-3-3.0, F-3-4.0, F-2-3.0, F-2-4.0, F-2-GW
>
> Remove Title 22 analysis from sample F-1-3.0, F-25-3.0
>
> Add TPH carbon chain to F-2-GW

ENTHALPY ANALYTICAL

Analysis Results for 484669

Peter Sims
Farallon Consulting
330 Franklin Street
Suite 200
Oakland, CA 94612

Lab Job #: 484669
Project No: 1363-005-006
Location: Brisbane Quarry
Date Received: 05/05/23

Sample ID: F-6-GW **Lab ID: 484669-001** **Collected: 05/03/23 15:00**
Matrix: Water

484669-001 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 8015B Prep Method: EPA 5030B									
TPH Gasoline	**340**		ug/L	50	1	313718	05/11/23	05/11/23	ILK
Surrogates				**Limits**					
Bromofluorobenzene (FID)	93%		%REC	60-140	1	313718	05/11/23	05/11/23	ILK
Method: EPA 8015B Prep Method: EPA 3510C									
Diesel C10-C28	**5,700**		ug/L	940	9.4	313344	05/07/23	05/12/23	BJG
ORO C28-C44	ND		mg/L	2.8	9.4	313344	05/07/23	05/12/23	BJG
Surrogates				**Limits**					
n-Triacontane		DO	%REC	35-130	9.4	313344	05/07/23	05/12/23	BJG
Method: EPA 8260B Prep Method: EPA 5030B									
Freon 12	ND		ug/L	0.5	1	313458	05/09/23	05/09/23	EJB
Chloromethane	ND		ug/L	0.5	1	313458	05/09/23	05/09/23	EJB
Vinyl Chloride	ND		ug/L	0.5	1	313458	05/09/23	05/09/23	EJB
Bromomethane	ND		ug/L	1.0	1	313458	05/09/23	05/09/23	EJB
Chloroethane	ND		ug/L	0.5	1	313458	05/09/23	05/09/23	EJB
Trichlorofluoromethane	ND		ug/L	0.5	1	313458	05/09/23	05/09/23	EJB
Acetone	ND		ug/L	20	1	313458	05/09/23	05/09/23	EJB
Freon 113	ND		ug/L	0.5	1	313458	05/09/23	05/09/23	EJB
1,1-Dichloroethene	ND		ug/L	0.5	1	313458	05/09/23	05/09/23	EJB
Methylene Chloride	ND		ug/L	10	1	313458	05/09/23	05/09/23	EJB
MTBE	ND		ug/L	0.5	1	313458	05/09/23	05/09/23	EJB
trans-1,2-Dichloroethene	ND		ug/L	0.5	1	313458	05/09/23	05/09/23	EJB
1,1-Dichloroethane	ND		ug/L	0.5	1	313458	05/09/23	05/09/23	EJB
2-Butanone	ND		ug/L	5.0	1	313458	05/09/23	05/09/23	EJB
cis-1,2-Dichloroethene	ND		ug/L	0.5	1	313458	05/09/23	05/09/23	EJB
2,2-Dichloropropane	ND		ug/L	0.5	1	313458	05/09/23	05/09/23	EJB
Chloroform	ND		ug/L	0.5	1	313458	05/09/23	05/09/23	EJB
Bromochloromethane	ND		ug/L	0.5	1	313458	05/09/23	05/09/23	EJB
1,1,1-Trichloroethane	ND		ug/L	0.5	1	313458	05/09/23	05/09/23	EJB
1,1-Dichloropropene	ND		ug/L	0.5	1	313458	05/09/23	05/09/23	EJB
Carbon Tetrachloride	ND		ug/L	0.5	1	313458	05/09/23	05/09/23	EJB
1,2-Dichloroethane	ND		ug/L	0.5	1	313458	05/09/23	05/09/23	EJB
Benzene	ND		ug/L	0.5	1	313458	05/09/23	05/09/23	EJB

Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

Analysis Results for 484669

484669-001 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Trichloroethene	ND		ug/L	0.5	1	313458	05/09/23	05/09/23	EJB
1,2-Dichloropropane	ND		ug/L	0.5	1	313458	05/09/23	05/09/23	EJB
Bromodichloromethane	ND		ug/L	0.5	1	313458	05/09/23	05/09/23	EJB
Dibromomethane	ND		ug/L	0.5	1	313458	05/09/23	05/09/23	EJB
4-Methyl-2-Pentanone	ND		ug/L	5.0	1	313458	05/09/23	05/09/23	EJB
cis-1,3-Dichloropropene	ND		ug/L	0.5	1	313458	05/09/23	05/09/23	EJB
Toluene	ND		ug/L	0.5	1	313458	05/09/23	05/09/23	EJB
trans-1,3-Dichloropropene	ND		ug/L	0.5	1	313458	05/09/23	05/09/23	EJB
1,1,2-Trichloroethane	ND		ug/L	0.5	1	313458	05/09/23	05/09/23	EJB
1,3-Dichloropropane	ND		ug/L	0.5	1	313458	05/09/23	05/09/23	EJB
Tetrachloroethene	ND		ug/L	0.5	1	313458	05/09/23	05/09/23	EJB
Dibromochloromethane	ND		ug/L	0.5	1	313458	05/09/23	05/09/23	EJB
1,2-Dibromoethane	ND		ug/L	0.5	1	313458	05/09/23	05/09/23	EJB
Chlorobenzene	ND		ug/L	0.5	1	313458	05/09/23	05/09/23	EJB
1,1,1,2-Tetrachloroethane	ND		ug/L	0.5	1	313458	05/09/23	05/09/23	EJB
Ethylbenzene	ND		ug/L	0.5	1	313458	05/09/23	05/09/23	EJB
m,p-Xylenes	ND		ug/L	1.0	1	313458	05/09/23	05/09/23	EJB
o-Xylene	ND		ug/L	0.5	1	313458	05/09/23	05/09/23	EJB
Styrene	ND		ug/L	0.5	1	313458	05/09/23	05/09/23	EJB
Bromoform	ND		ug/L	1.0	1	313458	05/09/23	05/09/23	EJB
Propylbenzene	ND		ug/L	0.5	1	313458	05/09/23	05/09/23	EJB
Isopropylbenzene	ND		ug/L	0.5	1	313458	05/09/23	05/09/23	EJB
1,1,2,2-Tetrachloroethane	ND		ug/L	0.5	1	313458	05/09/23	05/09/23	EJB
1,2,3-Trichloropropane	ND		ug/L	0.5	1	313458	05/09/23	05/09/23	EJB
Bromobenzene	ND		ug/L	1.0	1	313458	05/09/23	05/09/23	EJB
1,3,5-Trimethylbenzene	**1.0**		ug/L	0.5	1	313458	05/09/23	05/09/23	EJB
2-Chlorotoluene	ND		ug/L	0.5	1	313458	05/09/23	05/09/23	EJB
4-Chlorotoluene	ND		ug/L	0.5	1	313458	05/09/23	05/09/23	EJB
tert-Butylbenzene	ND		ug/L	0.5	1	313458	05/09/23	05/09/23	EJB
1,2,4-Trimethylbenzene	**2.1**		ug/L	0.5	1	313458	05/09/23	05/09/23	EJB
sec-Butylbenzene	ND		ug/L	0.5	1	313458	05/09/23	05/09/23	EJB
para-Isopropyl Toluene	ND		ug/L	0.5	1	313458	05/09/23	05/09/23	EJB
1,3-Dichlorobenzene	ND		ug/L	0.5	1	313458	05/09/23	05/09/23	EJB
1,4-Dichlorobenzene	ND		ug/L	0.5	1	313458	05/09/23	05/09/23	EJB
n-Butylbenzene	ND		ug/L	0.5	1	313458	05/09/23	05/09/23	EJB
1,2-Dichlorobenzene	ND		ug/L	0.5	1	313458	05/09/23	05/09/23	EJB
1,2-Dibromo-3-Chloropropane	ND		ug/L	2.0	1	313458	05/09/23	05/09/23	EJB
1,2,4-Trichlorobenzene	ND		ug/L	0.5	1	313458	05/09/23	05/09/23	EJB
Hexachlorobutadiene	ND		ug/L	2.0	1	313458	05/09/23	05/09/23	EJB
Naphthalene	**2.4**		ug/L	2.0	1	313458	05/09/23	05/09/23	EJB
1,2,3-Trichlorobenzene	ND		ug/L	0.5	1	313458	05/09/23	05/09/23	EJB
Isopropyl Ether (DIPE)	ND		ug/L	0.5	1	313458	05/09/23	05/09/23	EJB
Ethyl tert-Butyl Ether (ETBE)	ND		ug/L	0.5	1	313458	05/09/23	05/09/23	EJB
tert-Butyl Alcohol (TBA)	ND		ug/L	10	1	313458	05/09/23	05/09/23	EJB
Methyl tert-Amyl Ether (TAME)	ND		ug/L	0.5	1	313458	05/09/23	05/09/23	EJB
Surrogates				**Limits**					

Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

Analysis Results for 484669

484669-001 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Dibromofluoromethane	115%		%REC	70-130	1	313458	05/09/23	05/09/23	EJB
1,2-Dichloroethane-d4	115%		%REC	70-130	1	313458	05/09/23	05/09/23	EJB
Toluene-d8	102%		%REC	70-130	1	313458	05/09/23	05/09/23	EJB
Bromofluorobenzene	103%		%REC	70-130	1	313458	05/09/23	05/09/23	EJB
Method: EPA 8270C-SIM Prep Method: EPA 3510C									
1-Methylnaphthalene	**2.4**		ug/L	0.53	1.1	313415	05/08/23	05/09/23	VTN
2-Methylnaphthalene	**2.2**		ug/L	0.53	1.1	313415	05/08/23	05/09/23	VTN
Naphthalene	**0.78**		ug/L	0.53	1.1	313415	05/08/23	05/09/23	VTN
Acenaphthylene	ND		ug/L	0.53	1.1	313415	05/08/23	05/09/23	VTN
Acenaphthene	ND		ug/L	0.53	1.1	313415	05/08/23	05/09/23	VTN
Fluorene	ND		ug/L	0.53	1.1	313415	05/08/23	05/09/23	VTN
Phenanthrene	ND		ug/L	0.53	1.1	313415	05/08/23	05/09/23	VTN
Anthracene	ND		ug/L	0.53	1.1	313415	05/08/23	05/09/23	VTN
Fluoranthene	ND		ug/L	0.53	1.1	313415	05/08/23	05/09/23	VTN
Pyrene	ND		ug/L	0.53	1.1	313415	05/08/23	05/09/23	VTN
Benzo(a)anthracene	ND		ug/L	0.53	1.1	313415	05/08/23	05/09/23	VTN
Chrysene	ND		ug/L	0.53	1.1	313415	05/08/23	05/09/23	VTN
Benzo(b)fluoranthene	ND		ug/L	0.53	1.1	313415	05/08/23	05/09/23	VTN
Benzo(k)fluoranthene	ND		ug/L	0.53	1.1	313415	05/08/23	05/09/23	VTN
Benzo(a)pyrene	ND		ug/L	0.53	1.1	313415	05/08/23	05/09/23	VTN
Indeno(1,2,3-cd)pyrene	ND		ug/L	0.53	1.1	313415	05/08/23	05/09/23	VTN
Dibenz(a,h)anthracene	ND		ug/L	0.53	1.1	313415	05/08/23	05/09/23	VTN
Benzo(g,h,i)perylene	ND		ug/L	0.53	1.1	313415	05/08/23	05/09/23	VTN
Surrogates				**Limits**					
Nitrobenzene-d5	57%		%REC	16-125	1.1	313415	05/08/23	05/09/23	VTN
2-Fluorobiphenyl	50%		%REC	17-120	1.1	313415	05/08/23	05/09/23	VTN
Terphenyl-d14	72%		%REC	39-123	1.1	313415	05/08/23	05/09/23	VTN

Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

Analysis Results for 484669

Sample ID: F-1-1.0	Lab ID: 484669-002	Collected: 05/03/23 14:18
	Matrix: Soil	

484669-002 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 8015M Prep Method: EPA 3580M									
DRO C10-C28	**220**		mg/Kg	50	5	313536	05/09/23	05/11/23	SME
ORO C28-C44	**320**		mg/Kg	99	5	313536	05/09/23	05/11/23	SME
Surrogates				**Limits**					
n-Triacontane		DO	%REC	70-130	5	313536	05/09/23	05/11/23	SME
Method: EPA 8260B Prep Method: EPA 5035									
Freon 12	ND		ug/Kg	3.4	0.68	313368	05/06/23	05/06/23	LYZ
Chloromethane	ND		ug/Kg	3.4	0.68	313368	05/06/23	05/06/23	LYZ
Vinyl Chloride	ND		ug/Kg	3.4	0.68	313368	05/06/23	05/06/23	LYZ
Bromomethane	ND		ug/Kg	3.4	0.68	313368	05/06/23	05/06/23	LYZ
Chloroethane	ND		ug/Kg	3.4	0.68	313368	05/06/23	05/06/23	LYZ
Trichlorofluoromethane	ND		ug/Kg	3.4	0.68	313368	05/06/23	05/06/23	LYZ
Acetone	ND		ug/Kg	68	0.68	313368	05/06/23	05/06/23	LYZ
Freon 113	ND		ug/Kg	3.4	0.68	313368	05/06/23	05/06/23	LYZ
1,1-Dichloroethene	ND		ug/Kg	3.4	0.68	313368	05/06/23	05/06/23	LYZ
Methylene Chloride	ND		ug/Kg	3.4	0.68	313368	05/06/23	05/06/23	LYZ
MTBE	ND		ug/Kg	3.4	0.68	313368	05/06/23	05/06/23	LYZ
trans-1,2-Dichloroethene	ND		ug/Kg	3.4	0.68	313368	05/06/23	05/06/23	LYZ
1,1-Dichloroethane	ND		ug/Kg	3.4	0.68	313368	05/06/23	05/06/23	LYZ
2-Butanone	ND		ug/Kg	68	0.68	313368	05/06/23	05/06/23	LYZ
cis-1,2-Dichloroethene	ND		ug/Kg	3.4	0.68	313368	05/06/23	05/06/23	LYZ
2,2-Dichloropropane	ND		ug/Kg	3.4	0.68	313368	05/06/23	05/06/23	LYZ
Chloroform	ND		ug/Kg	3.4	0.68	313368	05/06/23	05/06/23	LYZ
Bromochloromethane	ND		ug/Kg	3.4	0.68	313368	05/06/23	05/06/23	LYZ
1,1,1-Trichloroethane	ND		ug/Kg	3.4	0.68	313368	05/06/23	05/06/23	LYZ
1,1-Dichloropropene	ND		ug/Kg	3.4	0.68	313368	05/06/23	05/06/23	LYZ
Carbon Tetrachloride	ND		ug/Kg	3.4	0.68	313368	05/06/23	05/06/23	LYZ
1,2-Dichloroethane	ND		ug/Kg	3.4	0.68	313368	05/06/23	05/06/23	LYZ
Benzene	ND		ug/Kg	3.4	0.68	313368	05/06/23	05/06/23	LYZ
Trichloroethene	ND		ug/Kg	3.4	0.68	313368	05/06/23	05/06/23	LYZ
1,2-Dichloropropane	ND		ug/Kg	3.4	0.68	313368	05/06/23	05/06/23	LYZ
Bromodichloromethane	ND		ug/Kg	3.4	0.68	313368	05/06/23	05/06/23	LYZ
Dibromomethane	ND		ug/Kg	3.4	0.68	313368	05/06/23	05/06/23	LYZ
4-Methyl-2-Pentanone	ND		ug/Kg	5.5	0.68	313368	05/06/23	05/06/23	LYZ
cis-1,3-Dichloropropene	ND		ug/Kg	3.4	0.68	313368	05/06/23	05/06/23	LYZ
Toluene	ND		ug/Kg	3.4	0.68	313368	05/06/23	05/06/23	LYZ
trans-1,3-Dichloropropene	ND		ug/Kg	3.4	0.68	313368	05/06/23	05/06/23	LYZ
1,1,2-Trichloroethane	ND		ug/Kg	3.4	0.68	313368	05/06/23	05/06/23	LYZ
1,3-Dichloropropane	ND		ug/Kg	3.4	0.68	313368	05/06/23	05/06/23	LYZ
Tetrachloroethene	ND		ug/Kg	3.4	0.68	313368	05/06/23	05/06/23	LYZ

Results for any subcontracted analyses are not included in this section.

Analysis Results for 484669

484669-002 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Dibromochloromethane	ND		ug/Kg	3.4	0.68	313368	05/06/23	05/06/23	LYZ
1,2-Dibromoethane	ND		ug/Kg	3.4	0.68	313368	05/06/23	05/06/23	LYZ
Chlorobenzene	ND		ug/Kg	3.4	0.68	313368	05/06/23	05/06/23	LYZ
1,1,1,2-Tetrachloroethane	ND		ug/Kg	3.4	0.68	313368	05/06/23	05/06/23	LYZ
Ethylbenzene	ND		ug/Kg	3.4	0.68	313368	05/06/23	05/06/23	LYZ
m,p-Xylenes	ND		ug/Kg	6.8	0.68	313368	05/06/23	05/06/23	LYZ
o-Xylene	ND		ug/Kg	3.4	0.68	313368	05/06/23	05/06/23	LYZ
Styrene	ND		ug/Kg	3.4	0.68	313368	05/06/23	05/06/23	LYZ
Bromoform	ND		ug/Kg	3.4	0.68	313368	05/06/23	05/06/23	LYZ
Isopropylbenzene	ND		ug/Kg	3.4	0.68	313368	05/06/23	05/06/23	LYZ
1,1,2,2-Tetrachloroethane	ND		ug/Kg	3.4	0.68	313368	05/06/23	05/06/23	LYZ
1,2,3-Trichloropropane	ND		ug/Kg	3.4	0.68	313368	05/06/23	05/06/23	LYZ
Propylbenzene	ND		ug/Kg	3.4	0.68	313368	05/06/23	05/06/23	LYZ
Bromobenzene	ND		ug/Kg	3.4	0.68	313368	05/06/23	05/06/23	LYZ
1,3,5-Trimethylbenzene	ND		ug/Kg	3.4	0.68	313368	05/06/23	05/06/23	LYZ
2-Chlorotoluene	ND		ug/Kg	3.4	0.68	313368	05/06/23	05/06/23	LYZ
4-Chlorotoluene	ND		ug/Kg	3.4	0.68	313368	05/06/23	05/06/23	LYZ
tert-Butylbenzene	ND		ug/Kg	3.4	0.68	313368	05/06/23	05/06/23	LYZ
1,2,4-Trimethylbenzene	ND		ug/Kg	3.4	0.68	313368	05/06/23	05/06/23	LYZ
sec-Butylbenzene	ND		ug/Kg	3.4	0.68	313368	05/06/23	05/06/23	LYZ
para-Isopropyl Toluene	ND		ug/Kg	3.4	0.68	313368	05/06/23	05/06/23	LYZ
1,3-Dichlorobenzene	ND		ug/Kg	3.4	0.68	313368	05/06/23	05/06/23	LYZ
1,4-Dichlorobenzene	ND		ug/Kg	3.4	0.68	313368	05/06/23	05/06/23	LYZ
n-Butylbenzene	ND		ug/Kg	3.4	0.68	313368	05/06/23	05/06/23	LYZ
1,2-Dichlorobenzene	ND		ug/Kg	3.4	0.68	313368	05/06/23	05/06/23	LYZ
1,2-Dibromo-3-Chloropropane	ND		ug/Kg	3.4	0.68	313368	05/06/23	05/06/23	LYZ
1,2,4-Trichlorobenzene	ND		ug/Kg	3.4	0.68	313368	05/06/23	05/06/23	LYZ
Hexachlorobutadiene	ND		ug/Kg	3.4	0.68	313368	05/06/23	05/06/23	LYZ
Naphthalene	ND		ug/Kg	3.4	0.68	313368	05/06/23	05/06/23	LYZ
1,2,3-Trichlorobenzene	ND		ug/Kg	3.4	0.68	313368	05/06/23	05/06/23	LYZ
Surrogates				**Limits**					
Dibromofluoromethane	99%		%REC	70-145	0.68	313368	05/06/23	05/06/23	LYZ
1,2-Dichloroethane-d4	101%		%REC	70-145	0.68	313368	05/06/23	05/06/23	LYZ
Toluene-d8	91%		%REC	70-145	0.68	313368	05/06/23	05/06/23	LYZ
Bromofluorobenzene	104%		%REC	70-145	0.68	313368	05/06/23	05/06/23	LYZ
Method: EPA 8270C-SIM Prep Method: EPA 3546									
1-Methylnaphthalene	ND		ug/Kg	250	25	313427	05/08/23	05/09/23	TJW
2-Methylnaphthalene	ND		ug/Kg	250	25	313427	05/08/23	05/09/23	TJW
Naphthalene	ND		ug/Kg	250	25	313427	05/08/23	05/09/23	TJW
Acenaphthylene	ND		ug/Kg	250	25	313427	05/08/23	05/09/23	TJW
Acenaphthene	ND		ug/Kg	250	25	313427	05/08/23	05/09/23	TJW
Fluorene	ND		ug/Kg	250	25	313427	05/08/23	05/09/23	TJW
Phenanthrene	ND		ug/Kg	250	25	313427	05/08/23	05/09/23	TJW
Anthracene	ND		ug/Kg	250	25	313427	05/08/23	05/09/23	TJW
Fluoranthene	ND		ug/Kg	250	25	313427	05/08/23	05/09/23	TJW

Results for any subcontracted analyses are not included in this section.

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Analysis Results for 484669

484669-002 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Pyrene	ND		ug/Kg	250	25	313427	05/08/23	05/09/23	TJW
Benzo(a)anthracene	ND		ug/Kg	250	25	313427	05/08/23	05/09/23	TJW
Chrysene	ND		ug/Kg	250	25	313427	05/08/23	05/09/23	TJW
Benzo(b)fluoranthene	ND		ug/Kg	250	25	313427	05/08/23	05/09/23	TJW
Benzo(k)fluoranthene	ND		ug/Kg	250	25	313427	05/08/23	05/09/23	TJW
Benzo(a)pyrene	ND		ug/Kg	250	25	313427	05/08/23	05/09/23	TJW
Indeno(1,2,3-cd)pyrene	ND		ug/Kg	250	25	313427	05/08/23	05/09/23	TJW
Dibenz(a,h)anthracene	ND		ug/Kg	250	25	313427	05/08/23	05/09/23	TJW
Benzo(g,h,i)perylene	ND		ug/Kg	250	25	313427	05/08/23	05/09/23	TJW
Surrogates				**Limits**					
Nitrobenzene-d5	92%		%REC	27-125	25	313427	05/08/23	05/09/23	TJW
2-Fluorobiphenyl	68%		%REC	30-120	25	313427	05/08/23	05/09/23	TJW
Terphenyl-d14	70%		%REC	33-155	25	313427	05/08/23	05/09/23	TJW

Results for any subcontracted analyses are not included in this section.

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Analysis Results for 484669

Sample ID: F-1-3.0	Lab ID: 484669-003	Collected: 05/03/23 14:31
	Matrix: Soil	

484669-003 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 8015M Prep Method: EPA 3580M									
DRO C10-C28	**17**		mg/Kg	9.9	0.99	313536	05/09/23	05/11/23	SME
ORO C28-C44	**35**		mg/Kg	20	0.99	313536	05/09/23	05/11/23	SME
Surrogates				**Limits**					
n-Triacontane	86%		%REC	70-130	0.99	313536	05/09/23	05/11/23	SME
Method: EPA 8260B Prep Method: EPA 5035									
Freon 12	ND		ug/Kg	3.9	0.79	313368	05/06/23	05/06/23	LYZ
Chloromethane	ND		ug/Kg	3.9	0.79	313368	05/06/23	05/06/23	LYZ
Vinyl Chloride	ND		ug/Kg	3.9	0.79	313368	05/06/23	05/06/23	LYZ
Bromomethane	ND		ug/Kg	3.9	0.79	313368	05/06/23	05/06/23	LYZ
Chloroethane	ND		ug/Kg	3.9	0.79	313368	05/06/23	05/06/23	LYZ
Trichlorofluoromethane	ND		ug/Kg	3.9	0.79	313368	05/06/23	05/06/23	LYZ
Acetone	ND		ug/Kg	79	0.79	313368	05/06/23	05/06/23	LYZ
Freon 113	ND		ug/Kg	3.9	0.79	313368	05/06/23	05/06/23	LYZ
1,1-Dichloroethene	ND		ug/Kg	3.9	0.79	313368	05/06/23	05/06/23	LYZ
Methylene Chloride	ND		ug/Kg	3.9	0.79	313368	05/06/23	05/06/23	LYZ
MTBE	ND		ug/Kg	3.9	0.79	313368	05/06/23	05/06/23	LYZ
trans-1,2-Dichloroethene	ND		ug/Kg	3.9	0.79	313368	05/06/23	05/06/23	LYZ
1,1-Dichloroethane	ND		ug/Kg	3.9	0.79	313368	05/06/23	05/06/23	LYZ
2-Butanone	ND		ug/Kg	79	0.79	313368	05/06/23	05/06/23	LYZ
cis-1,2-Dichloroethene	ND		ug/Kg	3.9	0.79	313368	05/06/23	05/06/23	LYZ
2,2-Dichloropropane	ND		ug/Kg	3.9	0.79	313368	05/06/23	05/06/23	LYZ
Chloroform	ND		ug/Kg	3.9	0.79	313368	05/06/23	05/06/23	LYZ
Bromochloromethane	ND		ug/Kg	3.9	0.79	313368	05/06/23	05/06/23	LYZ
1,1,1-Trichloroethane	ND		ug/Kg	3.9	0.79	313368	05/06/23	05/06/23	LYZ
1,1-Dichloropropene	ND		ug/Kg	3.9	0.79	313368	05/06/23	05/06/23	LYZ
Carbon Tetrachloride	ND		ug/Kg	3.9	0.79	313368	05/06/23	05/06/23	LYZ
1,2-Dichloroethane	ND		ug/Kg	3.9	0.79	313368	05/06/23	05/06/23	LYZ
Benzene	ND		ug/Kg	3.9	0.79	313368	05/06/23	05/06/23	LYZ
Trichloroethene	ND		ug/Kg	3.9	0.79	313368	05/06/23	05/06/23	LYZ
1,2-Dichloropropane	ND		ug/Kg	3.9	0.79	313368	05/06/23	05/06/23	LYZ
Bromodichloromethane	ND		ug/Kg	3.9	0.79	313368	05/06/23	05/06/23	LYZ
Dibromomethane	ND		ug/Kg	3.9	0.79	313368	05/06/23	05/06/23	LYZ
4-Methyl-2-Pentanone	ND		ug/Kg	6.4	0.79	313368	05/06/23	05/06/23	LYZ
cis-1,3-Dichloropropene	ND		ug/Kg	3.9	0.79	313368	05/06/23	05/06/23	LYZ
Toluene	ND		ug/Kg	3.9	0.79	313368	05/06/23	05/06/23	LYZ
trans-1,3-Dichloropropene	ND		ug/Kg	3.9	0.79	313368	05/06/23	05/06/23	LYZ
1,1,2-Trichloroethane	ND		ug/Kg	3.9	0.79	313368	05/06/23	05/06/23	LYZ
1,3-Dichloropropane	ND		ug/Kg	3.9	0.79	313368	05/06/23	05/06/23	LYZ
Tetrachloroethene	ND		ug/Kg	3.9	0.79	313368	05/06/23	05/06/23	LYZ

Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

Analysis Results for 484669

484669-003 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Dibromochloromethane	ND		ug/Kg	3.9	0.79	313368	05/06/23	05/06/23	LYZ
1,2-Dibromoethane	ND		ug/Kg	3.9	0.79	313368	05/06/23	05/06/23	LYZ
Chlorobenzene	ND		ug/Kg	3.9	0.79	313368	05/06/23	05/06/23	LYZ
1,1,1,2-Tetrachloroethane	ND		ug/Kg	3.9	0.79	313368	05/06/23	05/06/23	LYZ
Ethylbenzene	ND		ug/Kg	3.9	0.79	313368	05/06/23	05/06/23	LYZ
m,p-Xylenes	ND		ug/Kg	7.9	0.79	313368	05/06/23	05/06/23	LYZ
o-Xylene	ND		ug/Kg	3.9	0.79	313368	05/06/23	05/06/23	LYZ
Styrene	ND		ug/Kg	3.9	0.79	313368	05/06/23	05/06/23	LYZ
Bromoform	ND		ug/Kg	3.9	0.79	313368	05/06/23	05/06/23	LYZ
Isopropylbenzene	ND		ug/Kg	3.9	0.79	313368	05/06/23	05/06/23	LYZ
1,1,2,2-Tetrachloroethane	ND		ug/Kg	3.9	0.79	313368	05/06/23	05/06/23	LYZ
1,2,3-Trichloropropane	ND		ug/Kg	3.9	0.79	313368	05/06/23	05/06/23	LYZ
Propylbenzene	ND		ug/Kg	3.9	0.79	313368	05/06/23	05/06/23	LYZ
Bromobenzene	ND		ug/Kg	3.9	0.79	313368	05/06/23	05/06/23	LYZ
1,3,5-Trimethylbenzene	ND		ug/Kg	3.9	0.79	313368	05/06/23	05/06/23	LYZ
2-Chlorotoluene	ND		ug/Kg	3.9	0.79	313368	05/06/23	05/06/23	LYZ
4-Chlorotoluene	ND		ug/Kg	3.9	0.79	313368	05/06/23	05/06/23	LYZ
tert-Butylbenzene	ND		ug/Kg	3.9	0.79	313368	05/06/23	05/06/23	LYZ
1,2,4-Trimethylbenzene	ND		ug/Kg	3.9	0.79	313368	05/06/23	05/06/23	LYZ
sec-Butylbenzene	ND		ug/Kg	3.9	0.79	313368	05/06/23	05/06/23	LYZ
para-Isopropyl Toluene	ND		ug/Kg	3.9	0.79	313368	05/06/23	05/06/23	LYZ
1,3-Dichlorobenzene	ND		ug/Kg	3.9	0.79	313368	05/06/23	05/06/23	LYZ
1,4-Dichlorobenzene	ND		ug/Kg	3.9	0.79	313368	05/06/23	05/06/23	LYZ
n-Butylbenzene	ND		ug/Kg	3.9	0.79	313368	05/06/23	05/06/23	LYZ
1,2-Dichlorobenzene	ND		ug/Kg	3.9	0.79	313368	05/06/23	05/06/23	LYZ
1,2-Dibromo-3-Chloropropane	ND		ug/Kg	3.9	0.79	313368	05/06/23	05/06/23	LYZ
1,2,4-Trichlorobenzene	ND		ug/Kg	3.9	0.79	313368	05/06/23	05/06/23	LYZ
Hexachlorobutadiene	ND		ug/Kg	3.9	0.79	313368	05/06/23	05/06/23	LYZ
Naphthalene	ND		ug/Kg	3.9	0.79	313368	05/06/23	05/06/23	LYZ
1,2,3-Trichlorobenzene	ND		ug/Kg	3.9	0.79	313368	05/06/23	05/06/23	LYZ
Surrogates				**Limits**					
Dibromofluoromethane	100%		%REC	70-145	0.79	313368	05/06/23	05/06/23	LYZ
1,2-Dichloroethane-d4	103%		%REC	70-145	0.79	313368	05/06/23	05/06/23	LYZ
Toluene-d8	104%		%REC	70-145	0.79	313368	05/06/23	05/06/23	LYZ
Bromofluorobenzene	97%		%REC	70-145	0.79	313368	05/06/23	05/06/23	LYZ
Method: EPA 8270C-SIM Prep Method: EPA 3546									
1-Methylnaphthalene	ND		ug/Kg	20	2	313427	05/08/23	05/09/23	VTN
2-Methylnaphthalene	ND		ug/Kg	20	2	313427	05/08/23	05/09/23	VTN
Naphthalene	ND		ug/Kg	20	2	313427	05/08/23	05/09/23	VTN
Acenaphthylene	ND		ug/Kg	20	2	313427	05/08/23	05/09/23	VTN
Acenaphthene	ND		ug/Kg	20	2	313427	05/08/23	05/09/23	VTN
Fluorene	ND		ug/Kg	20	2	313427	05/08/23	05/09/23	VTN
Phenanthrene	ND		ug/Kg	20	2	313427	05/08/23	05/09/23	VTN
Anthracene	ND		ug/Kg	20	2	313427	05/08/23	05/09/23	VTN
Fluoranthene	ND		ug/Kg	20	2	313427	05/08/23	05/09/23	VTN

Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

Analysis Results for 484669

484669-003 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Pyrene	ND		ug/Kg	20	2	313427	05/08/23	05/09/23	VTN
Benzo(a)anthracene	ND		ug/Kg	20	2	313427	05/08/23	05/09/23	VTN
Chrysene	ND		ug/Kg	20	2	313427	05/08/23	05/09/23	VTN
Benzo(b)fluoranthene	ND		ug/Kg	20	2	313427	05/08/23	05/09/23	VTN
Benzo(k)fluoranthene	ND		ug/Kg	20	2	313427	05/08/23	05/09/23	VTN
Benzo(a)pyrene	ND		ug/Kg	20	2	313427	05/08/23	05/09/23	VTN
Indeno(1,2,3-cd)pyrene	ND		ug/Kg	20	2	313427	05/08/23	05/09/23	VTN
Dibenz(a,h)anthracene	ND		ug/Kg	20	2	313427	05/08/23	05/09/23	VTN
Benzo(g,h,i)perylene	ND		ug/Kg	20	2	313427	05/08/23	05/09/23	VTN
Surrogates				**Limits**					
Nitrobenzene-d5	94%		%REC	27-125	2	313427	05/08/23	05/09/23	VTN
2-Fluorobiphenyl	73%		%REC	30-120	2	313427	05/08/23	05/09/23	VTN
Terphenyl-d14	83%		%REC	33-155	2	313427	05/08/23	05/09/23	VTN

Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

Analysis Results for 484669

Sample ID: F-3-3.0	Lab ID: 484669-005	Collected: 05/04/23 08:27
	Matrix: Soil	

484669-005 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 8015M Prep Method: EPA 3580M									
DRO C10-C28	**76**		mg/Kg	10	1	313536	05/09/23	05/11/23	SME
ORO C28-C44	**36**		mg/Kg	20	1	313536	05/09/23	05/11/23	SME
Surrogates				**Limits**					
n-Triacontane	87%		%REC	70-130	1	313536	05/09/23	05/11/23	SME
Method: EPA 8260B Prep Method: EPA 5035									
Freon 12	ND		ug/Kg	4.1	0.81	313368	05/06/23	05/06/23	LYZ
Chloromethane	ND		ug/Kg	4.1	0.81	313368	05/06/23	05/06/23	LYZ
Vinyl Chloride	ND		ug/Kg	4.1	0.81	313368	05/06/23	05/06/23	LYZ
Bromomethane	ND		ug/Kg	4.1	0.81	313368	05/06/23	05/06/23	LYZ
Chloroethane	ND		ug/Kg	4.1	0.81	313368	05/06/23	05/06/23	LYZ
Trichlorofluoromethane	ND		ug/Kg	4.1	0.81	313368	05/06/23	05/06/23	LYZ
Acetone	ND		ug/Kg	81	0.81	313368	05/06/23	05/06/23	LYZ
Freon 113	ND		ug/Kg	4.1	0.81	313368	05/06/23	05/06/23	LYZ
1,1-Dichloroethene	ND		ug/Kg	4.1	0.81	313368	05/06/23	05/06/23	LYZ
Methylene Chloride	ND		ug/Kg	4.1	0.81	313368	05/06/23	05/06/23	LYZ
MTBE	ND		ug/Kg	4.1	0.81	313368	05/06/23	05/06/23	LYZ
trans-1,2-Dichloroethene	ND		ug/Kg	4.1	0.81	313368	05/06/23	05/06/23	LYZ
1,1-Dichloroethane	ND		ug/Kg	4.1	0.81	313368	05/06/23	05/06/23	LYZ
2-Butanone	ND		ug/Kg	81	0.81	313368	05/06/23	05/06/23	LYZ
cis-1,2-Dichloroethene	ND		ug/Kg	4.1	0.81	313368	05/06/23	05/06/23	LYZ
2,2-Dichloropropane	ND		ug/Kg	4.1	0.81	313368	05/06/23	05/06/23	LYZ
Chloroform	ND		ug/Kg	4.1	0.81	313368	05/06/23	05/06/23	LYZ
Bromochloromethane	ND		ug/Kg	4.1	0.81	313368	05/06/23	05/06/23	LYZ
1,1,1-Trichloroethane	ND		ug/Kg	4.1	0.81	313368	05/06/23	05/06/23	LYZ
1,1-Dichloropropene	ND		ug/Kg	4.1	0.81	313368	05/06/23	05/06/23	LYZ
Carbon Tetrachloride	ND		ug/Kg	4.1	0.81	313368	05/06/23	05/06/23	LYZ
1,2-Dichloroethane	ND		ug/Kg	4.1	0.81	313368	05/06/23	05/06/23	LYZ
Benzene	ND		ug/Kg	4.1	0.81	313368	05/06/23	05/06/23	LYZ
Trichloroethene	ND		ug/Kg	4.1	0.81	313368	05/06/23	05/06/23	LYZ
1,2-Dichloropropane	ND		ug/Kg	4.1	0.81	313368	05/06/23	05/06/23	LYZ
Bromodichloromethane	ND		ug/Kg	4.1	0.81	313368	05/06/23	05/06/23	LYZ
Dibromomethane	ND		ug/Kg	4.1	0.81	313368	05/06/23	05/06/23	LYZ
4-Methyl-2-Pentanone	ND		ug/Kg	6.6	0.81	313368	05/06/23	05/06/23	LYZ
cis-1,3-Dichloropropene	ND		ug/Kg	4.1	0.81	313368	05/06/23	05/06/23	LYZ
Toluene	ND		ug/Kg	4.1	0.81	313368	05/06/23	05/06/23	LYZ
trans-1,3-Dichloropropene	ND		ug/Kg	4.1	0.81	313368	05/06/23	05/06/23	LYZ
1,1,2-Trichloroethane	ND		ug/Kg	4.1	0.81	313368	05/06/23	05/06/23	LYZ
1,3-Dichloropropane	ND		ug/Kg	4.1	0.81	313368	05/06/23	05/06/23	LYZ
Tetrachloroethene	ND		ug/Kg	4.1	0.81	313368	05/06/23	05/06/23	LYZ

Results for any subcontracted analyses are not included in this section.

Analysis Results for 484669

484669-005 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Dibromochloromethane	ND		ug/Kg	4.1	0.81	313368	05/06/23	05/06/23	LYZ
1,2-Dibromoethane	ND		ug/Kg	4.1	0.81	313368	05/06/23	05/06/23	LYZ
Chlorobenzene	ND		ug/Kg	4.1	0.81	313368	05/06/23	05/06/23	LYZ
1,1,1,2-Tetrachloroethane	ND		ug/Kg	4.1	0.81	313368	05/06/23	05/06/23	LYZ
Ethylbenzene	ND		ug/Kg	4.1	0.81	313368	05/06/23	05/06/23	LYZ
m,p-Xylenes	ND		ug/Kg	8.1	0.81	313368	05/06/23	05/06/23	LYZ
o-Xylene	ND		ug/Kg	4.1	0.81	313368	05/06/23	05/06/23	LYZ
Styrene	ND		ug/Kg	4.1	0.81	313368	05/06/23	05/06/23	LYZ
Bromoform	ND		ug/Kg	4.1	0.81	313368	05/06/23	05/06/23	LYZ
Isopropylbenzene	ND		ug/Kg	4.1	0.81	313368	05/06/23	05/06/23	LYZ
1,1,2,2-Tetrachloroethane	ND		ug/Kg	4.1	0.81	313368	05/06/23	05/06/23	LYZ
1,2,3-Trichloropropane	ND		ug/Kg	4.1	0.81	313368	05/06/23	05/06/23	LYZ
Propylbenzene	ND		ug/Kg	4.1	0.81	313368	05/06/23	05/06/23	LYZ
Bromobenzene	ND		ug/Kg	4.1	0.81	313368	05/06/23	05/06/23	LYZ
1,3,5-Trimethylbenzene	ND		ug/Kg	4.1	0.81	313368	05/06/23	05/06/23	LYZ
2-Chlorotoluene	ND		ug/Kg	4.1	0.81	313368	05/06/23	05/06/23	LYZ
4-Chlorotoluene	ND		ug/Kg	4.1	0.81	313368	05/06/23	05/06/23	LYZ
tert-Butylbenzene	ND		ug/Kg	4.1	0.81	313368	05/06/23	05/06/23	LYZ
1,2,4-Trimethylbenzene	ND		ug/Kg	4.1	0.81	313368	05/06/23	05/06/23	LYZ
sec-Butylbenzene	ND		ug/Kg	4.1	0.81	313368	05/06/23	05/06/23	LYZ
para-Isopropyl Toluene	ND		ug/Kg	4.1	0.81	313368	05/06/23	05/06/23	LYZ
1,3-Dichlorobenzene	ND		ug/Kg	4.1	0.81	313368	05/06/23	05/06/23	LYZ
1,4-Dichlorobenzene	ND		ug/Kg	4.1	0.81	313368	05/06/23	05/06/23	LYZ
n-Butylbenzene	ND		ug/Kg	4.1	0.81	313368	05/06/23	05/06/23	LYZ
1,2-Dichlorobenzene	ND		ug/Kg	4.1	0.81	313368	05/06/23	05/06/23	LYZ
1,2-Dibromo-3-Chloropropane	ND		ug/Kg	4.1	0.81	313368	05/06/23	05/06/23	LYZ
1,2,4-Trichlorobenzene	ND		ug/Kg	4.1	0.81	313368	05/06/23	05/06/23	LYZ
Hexachlorobutadiene	ND		ug/Kg	4.1	0.81	313368	05/06/23	05/06/23	LYZ
Naphthalene	ND		ug/Kg	4.1	0.81	313368	05/06/23	05/06/23	LYZ
1,2,3-Trichlorobenzene	ND		ug/Kg	4.1	0.81	313368	05/06/23	05/06/23	LYZ
Surrogates				**Limits**					
Dibromofluoromethane	96%		%REC	70-145	0.81	313368	05/06/23	05/06/23	LYZ
1,2-Dichloroethane-d4	96%		%REC	70-145	0.81	313368	05/06/23	05/06/23	LYZ
Toluene-d8	114%		%REC	70-145	0.81	313368	05/06/23	05/06/23	LYZ
Bromofluorobenzene	99%		%REC	70-145	0.81	313368	05/06/23	05/06/23	LYZ
Method: EPA 8270C-SIM Prep Method: EPA 3546									
1-Methylnaphthalene	ND		ug/Kg	10	1	313427	05/08/23	05/09/23	VTN
2-Methylnaphthalene	**12**		ug/Kg	10	1	313427	05/08/23	05/09/23	VTN
Naphthalene	ND		ug/Kg	10	1	313427	05/08/23	05/09/23	VTN
Acenaphthylene	ND		ug/Kg	10	1	313427	05/08/23	05/09/23	VTN
Acenaphthene	ND		ug/Kg	10	1	313427	05/08/23	05/09/23	VTN
Fluorene	ND		ug/Kg	10	1	313427	05/08/23	05/09/23	VTN
Phenanthrene	**23**		ug/Kg	10	1	313427	05/08/23	05/09/23	VTN
Anthracene	ND		ug/Kg	10	1	313427	05/08/23	05/09/23	VTN
Fluoranthene	ND		ug/Kg	10	1	313427	05/08/23	05/09/23	VTN

Results for any subcontracted analyses are not included in this section.

Analysis Results for 484669

484669-005 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Pyrene	ND		ug/Kg	10	1	313427	05/08/23	05/09/23	VTN
Benzo(a)anthracene	ND		ug/Kg	10	1	313427	05/08/23	05/09/23	VTN
Chrysene	ND		ug/Kg	10	1	313427	05/08/23	05/09/23	VTN
Benzo(b)fluoranthene	ND		ug/Kg	10	1	313427	05/08/23	05/09/23	VTN
Benzo(k)fluoranthene	ND		ug/Kg	10	1	313427	05/08/23	05/09/23	VTN
Benzo(a)pyrene	ND		ug/Kg	10	1	313427	05/08/23	05/09/23	VTN
Indeno(1,2,3-cd)pyrene	ND		ug/Kg	10	1	313427	05/08/23	05/09/23	VTN
Dibenz(a,h)anthracene	ND		ug/Kg	10	1	313427	05/08/23	05/09/23	VTN
Benzo(g,h,i)perylene	ND		ug/Kg	10	1	313427	05/08/23	05/09/23	VTN
Surrogates				**Limits**					
Nitrobenzene-d5	58%		%REC	27-125	1	313427	05/08/23	05/09/23	VTN
2-Fluorobiphenyl	48%		%REC	30-120	1	313427	05/08/23	05/09/23	VTN
Terphenyl-d14	63%		%REC	33-155	1	313427	05/08/23	05/09/23	VTN

Results for any subcontracted analyses are not included in this section.

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Analysis Results for 484669

Sample ID: F-3-4.0	Lab ID: 484669-006	Collected: 05/04/23 08:31
	Matrix: Soil	

484669-006 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 8015M Prep Method: EPA 3580M									
DRO C10-C28	**27**		mg/Kg	10	1	313536	05/09/23	05/11/23	SME
ORO C28-C44	**45**		mg/Kg	20	1	313536	05/09/23	05/11/23	SME
Surrogates				**Limits**					
n-Triacontane	81%		%REC	70-130	1	313536	05/09/23	05/11/23	SME
Method: EPA 8260B Prep Method: EPA 5035									
Freon 12	ND		ug/Kg	3.4	0.69	313368	05/06/23	05/06/23	LYZ
Chloromethane	ND		ug/Kg	3.4	0.69	313368	05/06/23	05/06/23	LYZ
Vinyl Chloride	ND		ug/Kg	3.4	0.69	313368	05/06/23	05/06/23	LYZ
Bromomethane	ND		ug/Kg	3.4	0.69	313368	05/06/23	05/06/23	LYZ
Chloroethane	ND		ug/Kg	3.4	0.69	313368	05/06/23	05/06/23	LYZ
Trichlorofluoromethane	ND		ug/Kg	3.4	0.69	313368	05/06/23	05/06/23	LYZ
Acetone	ND		ug/Kg	69	0.69	313368	05/06/23	05/06/23	LYZ
Freon 113	ND		ug/Kg	3.4	0.69	313368	05/06/23	05/06/23	LYZ
1,1-Dichloroethene	ND		ug/Kg	3.4	0.69	313368	05/06/23	05/06/23	LYZ
Methylene Chloride	ND		ug/Kg	3.4	0.69	313368	05/06/23	05/06/23	LYZ
MTBE	ND		ug/Kg	3.4	0.69	313368	05/06/23	05/06/23	LYZ
trans-1,2-Dichloroethene	ND		ug/Kg	3.4	0.69	313368	05/06/23	05/06/23	LYZ
1,1-Dichloroethane	ND		ug/Kg	3.4	0.69	313368	05/06/23	05/06/23	LYZ
2-Butanone	ND		ug/Kg	69	0.69	313368	05/06/23	05/06/23	LYZ
cis-1,2-Dichloroethene	ND		ug/Kg	3.4	0.69	313368	05/06/23	05/06/23	LYZ
2,2-Dichloropropane	ND		ug/Kg	3.4	0.69	313368	05/06/23	05/06/23	LYZ
Chloroform	ND		ug/Kg	3.4	0.69	313368	05/06/23	05/06/23	LYZ
Bromochloromethane	ND		ug/Kg	3.4	0.69	313368	05/06/23	05/06/23	LYZ
1,1,1-Trichloroethane	ND		ug/Kg	3.4	0.69	313368	05/06/23	05/06/23	LYZ
1,1-Dichloropropene	ND		ug/Kg	3.4	0.69	313368	05/06/23	05/06/23	LYZ
Carbon Tetrachloride	ND		ug/Kg	3.4	0.69	313368	05/06/23	05/06/23	LYZ
1,2-Dichloroethane	ND		ug/Kg	3.4	0.69	313368	05/06/23	05/06/23	LYZ
Benzene	ND		ug/Kg	3.4	0.69	313368	05/06/23	05/06/23	LYZ
Trichloroethene	ND		ug/Kg	3.4	0.69	313368	05/06/23	05/06/23	LYZ
1,2-Dichloropropane	ND		ug/Kg	3.4	0.69	313368	05/06/23	05/06/23	LYZ
Bromodichloromethane	ND		ug/Kg	3.4	0.69	313368	05/06/23	05/06/23	LYZ
Dibromomethane	ND		ug/Kg	3.4	0.69	313368	05/06/23	05/06/23	LYZ
4-Methyl-2-Pentanone	ND		ug/Kg	5.6	0.69	313368	05/06/23	05/06/23	LYZ
cis-1,3-Dichloropropene	ND		ug/Kg	3.4	0.69	313368	05/06/23	05/06/23	LYZ
Toluene	ND		ug/Kg	3.4	0.69	313368	05/06/23	05/06/23	LYZ
trans-1,3-Dichloropropene	ND		ug/Kg	3.4	0.69	313368	05/06/23	05/06/23	LYZ
1,1,2-Trichloroethane	ND		ug/Kg	3.4	0.69	313368	05/06/23	05/06/23	LYZ
1,3-Dichloropropane	ND		ug/Kg	3.4	0.69	313368	05/06/23	05/06/23	LYZ
Tetrachloroethene	ND		ug/Kg	3.4	0.69	313368	05/06/23	05/06/23	LYZ

Results for any subcontracted analyses are not included in this section.

Analysis Results for 484669

484669-006 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Dibromochloromethane	ND		ug/Kg	3.4	0.69	313368	05/06/23	05/06/23	LYZ
1,2-Dibromoethane	ND		ug/Kg	3.4	0.69	313368	05/06/23	05/06/23	LYZ
Chlorobenzene	ND		ug/Kg	3.4	0.69	313368	05/06/23	05/06/23	LYZ
1,1,1,2-Tetrachloroethane	ND		ug/Kg	3.4	0.69	313368	05/06/23	05/06/23	LYZ
Ethylbenzene	ND		ug/Kg	3.4	0.69	313368	05/06/23	05/06/23	LYZ
m,p-Xylenes	ND		ug/Kg	6.9	0.69	313368	05/06/23	05/06/23	LYZ
o-Xylene	ND		ug/Kg	3.4	0.69	313368	05/06/23	05/06/23	LYZ
Styrene	ND		ug/Kg	3.4	0.69	313368	05/06/23	05/06/23	LYZ
Bromoform	ND		ug/Kg	3.4	0.69	313368	05/06/23	05/06/23	LYZ
Isopropylbenzene	ND		ug/Kg	3.4	0.69	313368	05/06/23	05/06/23	LYZ
1,1,2,2-Tetrachloroethane	ND		ug/Kg	3.4	0.69	313368	05/06/23	05/06/23	LYZ
1,2,3-Trichloropropane	ND		ug/Kg	3.4	0.69	313368	05/06/23	05/06/23	LYZ
Propylbenzene	ND		ug/Kg	3.4	0.69	313368	05/06/23	05/06/23	LYZ
Bromobenzene	ND		ug/Kg	3.4	0.69	313368	05/06/23	05/06/23	LYZ
1,3,5-Trimethylbenzene	ND		ug/Kg	3.4	0.69	313368	05/06/23	05/06/23	LYZ
2-Chlorotoluene	ND		ug/Kg	3.4	0.69	313368	05/06/23	05/06/23	LYZ
4-Chlorotoluene	ND		ug/Kg	3.4	0.69	313368	05/06/23	05/06/23	LYZ
tert-Butylbenzene	ND		ug/Kg	3.4	0.69	313368	05/06/23	05/06/23	LYZ
1,2,4-Trimethylbenzene	ND		ug/Kg	3.4	0.69	313368	05/06/23	05/06/23	LYZ
sec-Butylbenzene	ND		ug/Kg	3.4	0.69	313368	05/06/23	05/06/23	LYZ
para-Isopropyl Toluene	ND		ug/Kg	3.4	0.69	313368	05/06/23	05/06/23	LYZ
1,3-Dichlorobenzene	ND		ug/Kg	3.4	0.69	313368	05/06/23	05/06/23	LYZ
1,4-Dichlorobenzene	ND		ug/Kg	3.4	0.69	313368	05/06/23	05/06/23	LYZ
n-Butylbenzene	ND		ug/Kg	3.4	0.69	313368	05/06/23	05/06/23	LYZ
1,2-Dichlorobenzene	ND		ug/Kg	3.4	0.69	313368	05/06/23	05/06/23	LYZ
1,2-Dibromo-3-Chloropropane	ND		ug/Kg	3.4	0.69	313368	05/06/23	05/06/23	LYZ
1,2,4-Trichlorobenzene	ND		ug/Kg	3.4	0.69	313368	05/06/23	05/06/23	LYZ
Hexachlorobutadiene	ND		ug/Kg	3.4	0.69	313368	05/06/23	05/06/23	LYZ
Naphthalene	ND		ug/Kg	3.4	0.69	313368	05/06/23	05/06/23	LYZ
1,2,3-Trichlorobenzene	ND		ug/Kg	3.4	0.69	313368	05/06/23	05/06/23	LYZ
Surrogates				**Limits**					
Dibromofluoromethane	97%		%REC	70-145	0.69	313368	05/06/23	05/06/23	LYZ
1,2-Dichloroethane-d4	100%		%REC	70-145	0.69	313368	05/06/23	05/06/23	LYZ
Toluene-d8	113%		%REC	70-145	0.69	313368	05/06/23	05/06/23	LYZ
Bromofluorobenzene	91%		%REC	70-145	0.69	313368	05/06/23	05/06/23	LYZ
Method: EPA 8270C-SIM Prep Method: EPA 3546									
1-Methylnaphthalene	ND		ug/Kg	20	2	313427	05/08/23	05/09/23	VTN
2-Methylnaphthalene	ND		ug/Kg	20	2	313427	05/08/23	05/09/23	VTN
Naphthalene	ND		ug/Kg	20	2	313427	05/08/23	05/09/23	VTN
Acenaphthylene	ND		ug/Kg	20	2	313427	05/08/23	05/09/23	VTN
Acenaphthene	ND		ug/Kg	20	2	313427	05/08/23	05/09/23	VTN
Fluorene	ND		ug/Kg	20	2	313427	05/08/23	05/09/23	VTN
Phenanthrene	ND		ug/Kg	20	2	313427	05/08/23	05/09/23	VTN
Anthracene	ND		ug/Kg	20	2	313427	05/08/23	05/09/23	VTN
Fluoranthene	ND		ug/Kg	20	2	313427	05/08/23	05/09/23	VTN

Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

Analysis Results for 484669

484669-006 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Pyrene	ND		ug/Kg	20	2	313427	05/08/23	05/09/23	VTN
Benzo(a)anthracene	ND		ug/Kg	20	2	313427	05/08/23	05/09/23	VTN
Chrysene	ND		ug/Kg	20	2	313427	05/08/23	05/09/23	VTN
Benzo(b)fluoranthene	ND		ug/Kg	20	2	313427	05/08/23	05/09/23	VTN
Benzo(k)fluoranthene	ND		ug/Kg	20	2	313427	05/08/23	05/09/23	VTN
Benzo(a)pyrene	ND		ug/Kg	20	2	313427	05/08/23	05/09/23	VTN
Indeno(1,2,3-cd)pyrene	ND		ug/Kg	20	2	313427	05/08/23	05/09/23	VTN
Dibenz(a,h)anthracene	ND		ug/Kg	20	2	313427	05/08/23	05/09/23	VTN
Benzo(g,h,i)perylene	ND		ug/Kg	20	2	313427	05/08/23	05/09/23	VTN
Surrogates				**Limits**					
Nitrobenzene-d5	91%		%REC	27-125	2	313427	05/08/23	05/09/23	VTN
2-Fluorobiphenyl	70%		%REC	30-120	2	313427	05/08/23	05/09/23	VTN
Terphenyl-d14	81%		%REC	33-155	2	313427	05/08/23	05/09/23	VTN

Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

Analysis Results for 484669

Sample ID: F-2-3.0	Lab ID: 484669-008	Collected: 05/04/23 10:11
	Matrix: Soil	

484669-008 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 8015M Prep Method: EPA 3580M									
DRO C10-C28	**76**		mg/Kg	9.9	0.99	313536	05/09/23	05/11/23	SME
ORO C28-C44	**36**		mg/Kg	20	0.99	313536	05/09/23	05/11/23	SME
Surrogates				**Limits**					
n-Triacontane	83%		%REC	70-130	0.99	313536	05/09/23	05/11/23	SME
Method: EPA 8260B Prep Method: EPA 5035									
Freon 12	ND		ug/Kg	3.1	0.62	313368	05/06/23	05/06/23	LYZ
Chloromethane	ND		ug/Kg	3.1	0.62	313368	05/06/23	05/06/23	LYZ
Vinyl Chloride	ND		ug/Kg	3.1	0.62	313368	05/06/23	05/06/23	LYZ
Bromomethane	ND		ug/Kg	3.1	0.62	313368	05/06/23	05/06/23	LYZ
Chloroethane	ND		ug/Kg	3.1	0.62	313368	05/06/23	05/06/23	LYZ
Trichlorofluoromethane	ND		ug/Kg	3.1	0.62	313368	05/06/23	05/06/23	LYZ
Acetone	ND		ug/Kg	62	0.62	313368	05/06/23	05/06/23	LYZ
Freon 113	ND		ug/Kg	3.1	0.62	313368	05/06/23	05/06/23	LYZ
1,1-Dichloroethene	ND		ug/Kg	3.1	0.62	313368	05/06/23	05/06/23	LYZ
Methylene Chloride	ND		ug/Kg	3.1	0.62	313368	05/06/23	05/06/23	LYZ
MTBE	ND		ug/Kg	3.1	0.62	313368	05/06/23	05/06/23	LYZ
trans-1,2-Dichloroethene	ND		ug/Kg	3.1	0.62	313368	05/06/23	05/06/23	LYZ
1,1-Dichloroethane	ND		ug/Kg	3.1	0.62	313368	05/06/23	05/06/23	LYZ
2-Butanone	ND		ug/Kg	62	0.62	313368	05/06/23	05/06/23	LYZ
cis-1,2-Dichloroethene	ND		ug/Kg	3.1	0.62	313368	05/06/23	05/06/23	LYZ
2,2-Dichloropropane	ND		ug/Kg	3.1	0.62	313368	05/06/23	05/06/23	LYZ
Chloroform	ND		ug/Kg	3.1	0.62	313368	05/06/23	05/06/23	LYZ
Bromochloromethane	ND		ug/Kg	3.1	0.62	313368	05/06/23	05/06/23	LYZ
1,1,1-Trichloroethane	ND		ug/Kg	3.1	0.62	313368	05/06/23	05/06/23	LYZ
1,1-Dichloropropene	ND		ug/Kg	3.1	0.62	313368	05/06/23	05/06/23	LYZ
Carbon Tetrachloride	ND		ug/Kg	3.1	0.62	313368	05/06/23	05/06/23	LYZ
1,2-Dichloroethane	ND		ug/Kg	3.1	0.62	313368	05/06/23	05/06/23	LYZ
Benzene	ND		ug/Kg	3.1	0.62	313368	05/06/23	05/06/23	LYZ
Trichloroethene	ND		ug/Kg	3.1	0.62	313368	05/06/23	05/06/23	LYZ
1,2-Dichloropropane	ND		ug/Kg	3.1	0.62	313368	05/06/23	05/06/23	LYZ
Bromodichloromethane	ND		ug/Kg	3.1	0.62	313368	05/06/23	05/06/23	LYZ
Dibromomethane	ND		ug/Kg	3.1	0.62	313368	05/06/23	05/06/23	LYZ
4-Methyl-2-Pentanone	ND		ug/Kg	5.1	0.62	313368	05/06/23	05/06/23	LYZ
cis-1,3-Dichloropropene	ND		ug/Kg	3.1	0.62	313368	05/06/23	05/06/23	LYZ
Toluene	ND		ug/Kg	3.1	0.62	313368	05/06/23	05/06/23	LYZ
trans-1,3-Dichloropropene	ND		ug/Kg	3.1	0.62	313368	05/06/23	05/06/23	LYZ
1,1,2-Trichloroethane	ND		ug/Kg	3.1	0.62	313368	05/06/23	05/06/23	LYZ
1,3-Dichloropropane	ND		ug/Kg	3.1	0.62	313368	05/06/23	05/06/23	LYZ
Tetrachloroethene	ND		ug/Kg	3.1	0.62	313368	05/06/23	05/06/23	LYZ

Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

Analysis Results for 484669

484669-008 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Dibromochloromethane	ND		ug/Kg	3.1	0.62	313368	05/06/23	05/06/23	LYZ
1,2-Dibromoethane	ND		ug/Kg	3.1	0.62	313368	05/06/23	05/06/23	LYZ
Chlorobenzene	ND		ug/Kg	3.1	0.62	313368	05/06/23	05/06/23	LYZ
1,1,1,2-Tetrachloroethane	ND		ug/Kg	3.1	0.62	313368	05/06/23	05/06/23	LYZ
Ethylbenzene	ND		ug/Kg	3.1	0.62	313368	05/06/23	05/06/23	LYZ
m,p-Xylenes	ND		ug/Kg	6.2	0.62	313368	05/06/23	05/06/23	LYZ
o-Xylene	ND		ug/Kg	3.1	0.62	313368	05/06/23	05/06/23	LYZ
Styrene	ND		ug/Kg	3.1	0.62	313368	05/06/23	05/06/23	LYZ
Bromoform	ND		ug/Kg	3.1	0.62	313368	05/06/23	05/06/23	LYZ
Isopropylbenzene	ND		ug/Kg	3.1	0.62	313368	05/06/23	05/06/23	LYZ
1,1,2,2-Tetrachloroethane	ND		ug/Kg	3.1	0.62	313368	05/06/23	05/06/23	LYZ
1,2,3-Trichloropropane	ND		ug/Kg	3.1	0.62	313368	05/06/23	05/06/23	LYZ
Propylbenzene	ND		ug/Kg	3.1	0.62	313368	05/06/23	05/06/23	LYZ
Bromobenzene	ND		ug/Kg	3.1	0.62	313368	05/06/23	05/06/23	LYZ
1,3,5-Trimethylbenzene	ND		ug/Kg	3.1	0.62	313368	05/06/23	05/06/23	LYZ
2-Chlorotoluene	ND		ug/Kg	3.1	0.62	313368	05/06/23	05/06/23	LYZ
4-Chlorotoluene	ND		ug/Kg	3.1	0.62	313368	05/06/23	05/06/23	LYZ
tert-Butylbenzene	ND		ug/Kg	3.1	0.62	313368	05/06/23	05/06/23	LYZ
1,2,4-Trimethylbenzene	ND		ug/Kg	3.1	0.62	313368	05/06/23	05/06/23	LYZ
sec-Butylbenzene	ND		ug/Kg	3.1	0.62	313368	05/06/23	05/06/23	LYZ
para-Isopropyl Toluene	ND		ug/Kg	3.1	0.62	313368	05/06/23	05/06/23	LYZ
1,3-Dichlorobenzene	ND		ug/Kg	3.1	0.62	313368	05/06/23	05/06/23	LYZ
1,4-Dichlorobenzene	ND		ug/Kg	3.1	0.62	313368	05/06/23	05/06/23	LYZ
n-Butylbenzene	ND		ug/Kg	3.1	0.62	313368	05/06/23	05/06/23	LYZ
1,2-Dichlorobenzene	ND		ug/Kg	3.1	0.62	313368	05/06/23	05/06/23	LYZ
1,2-Dibromo-3-Chloropropane	ND		ug/Kg	3.1	0.62	313368	05/06/23	05/06/23	LYZ
1,2,4-Trichlorobenzene	ND		ug/Kg	3.1	0.62	313368	05/06/23	05/06/23	LYZ
Hexachlorobutadiene	ND		ug/Kg	3.1	0.62	313368	05/06/23	05/06/23	LYZ
Naphthalene	ND		ug/Kg	3.1	0.62	313368	05/06/23	05/06/23	LYZ
1,2,3-Trichlorobenzene	ND		ug/Kg	3.1	0.62	313368	05/06/23	05/06/23	LYZ
Surrogates				**Limits**					
Dibromofluoromethane	98%		%REC	70-145	0.62	313368	05/06/23	05/06/23	LYZ
1,2-Dichloroethane-d4	98%		%REC	70-145	0.62	313368	05/06/23	05/06/23	LYZ
Toluene-d8	110%		%REC	70-145	0.62	313368	05/06/23	05/06/23	LYZ
Bromofluorobenzene	94%		%REC	70-145	0.62	313368	05/06/23	05/06/23	LYZ
Method: EPA 8270C-SIM Prep Method: EPA 3546									
1-Methylnaphthalene	ND		ug/Kg	100	10	313427	05/08/23	05/09/23	VTN
2-Methylnaphthalene	ND		ug/Kg	100	10	313427	05/08/23	05/09/23	VTN
Naphthalene	ND		ug/Kg	100	10	313427	05/08/23	05/09/23	VTN
Acenaphthylene	ND		ug/Kg	100	10	313427	05/08/23	05/09/23	VTN
Acenaphthene	**180**		ug/Kg	100	10	313427	05/08/23	05/09/23	VTN
Fluorene	**140**		ug/Kg	100	10	313427	05/08/23	05/09/23	VTN
Phenanthrene	**1,800**		ug/Kg	100	10	313427	05/08/23	05/09/23	VTN
Anthracene	**500**		ug/Kg	100	10	313427	05/08/23	05/09/23	VTN
Fluoranthene	**1,600**		ug/Kg	100	10	313427	05/08/23	05/09/23	VTN

Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

Analysis Results for 484669

484669-008 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Pyrene	**1,500**		ug/Kg	100	10	313427	05/08/23	05/09/23	VTN
Benzo(a)anthracene	**650**		ug/Kg	100	10	313427	05/08/23	05/09/23	VTN
Chrysene	**550**		ug/Kg	100	10	313427	05/08/23	05/09/23	VTN
Benzo(b)fluoranthene	**620**		ug/Kg	100	10	313427	05/08/23	05/09/23	VTN
Benzo(k)fluoranthene	**270**		ug/Kg	100	10	313427	05/08/23	05/09/23	VTN
Benzo(a)pyrene	**570**		ug/Kg	100	10	313427	05/08/23	05/09/23	VTN
Indeno(1,2,3-cd)pyrene	**320**		ug/Kg	100	10	313427	05/08/23	05/09/23	VTN
Dibenz(a,h)anthracene	ND		ug/Kg	100	10	313427	05/08/23	05/09/23	VTN
Benzo(g,h,i)perylene	**280**		ug/Kg	100	10	313427	05/08/23	05/09/23	VTN
Surrogates				**Limits**					
Nitrobenzene-d5	101%		%REC	27-125	10	313427	05/08/23	05/09/23	VTN
2-Fluorobiphenyl	79%		%REC	30-120	10	313427	05/08/23	05/09/23	VTN
Terphenyl-d14	90%		%REC	33-155	10	313427	05/08/23	05/09/23	VTN

Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

Analysis Results for 484669

Sample ID: F-2-4.0	Lab ID: 484669-009	Collected: 05/04/23 10:20
	Matrix: Soil	

484669-009 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 8015M Prep Method: EPA 3580M									
DRO C10-C28	**280**		mg/Kg	50	5	313536	05/09/23	05/12/23	SME
ORO C28-C44	**930**		mg/Kg	99	5	313536	05/09/23	05/12/23	SME
Surrogates				**Limits**					
n-Triacontane	114%		%REC	70-130	5	313536	05/09/23	05/12/23	SME
Method: EPA 8260B Prep Method: EPA 5035									
Freon 12	ND		ug/Kg	3.9	0.78	313368	05/06/23	05/06/23	LYZ
Chloromethane	ND		ug/Kg	3.9	0.78	313368	05/06/23	05/06/23	LYZ
Vinyl Chloride	ND		ug/Kg	3.9	0.78	313368	05/06/23	05/06/23	LYZ
Bromomethane	ND		ug/Kg	3.9	0.78	313368	05/06/23	05/06/23	LYZ
Chloroethane	ND		ug/Kg	3.9	0.78	313368	05/06/23	05/06/23	LYZ
Trichlorofluoromethane	ND		ug/Kg	3.9	0.78	313368	05/06/23	05/06/23	LYZ
Acetone	ND		ug/Kg	78	0.78	313368	05/06/23	05/06/23	LYZ
Freon 113	ND		ug/Kg	3.9	0.78	313368	05/06/23	05/06/23	LYZ
1,1-Dichloroethene	ND		ug/Kg	3.9	0.78	313368	05/06/23	05/06/23	LYZ
Methylene Chloride	ND		ug/Kg	3.9	0.78	313368	05/06/23	05/06/23	LYZ
MTBE	ND		ug/Kg	3.9	0.78	313368	05/06/23	05/06/23	LYZ
trans-1,2-Dichloroethene	ND		ug/Kg	3.9	0.78	313368	05/06/23	05/06/23	LYZ
1,1-Dichloroethane	ND		ug/Kg	3.9	0.78	313368	05/06/23	05/06/23	LYZ
2-Butanone	ND		ug/Kg	78	0.78	313368	05/06/23	05/06/23	LYZ
cis-1,2-Dichloroethene	ND		ug/Kg	3.9	0.78	313368	05/06/23	05/06/23	LYZ
2,2-Dichloropropane	ND		ug/Kg	3.9	0.78	313368	05/06/23	05/06/23	LYZ
Chloroform	ND		ug/Kg	3.9	0.78	313368	05/06/23	05/06/23	LYZ
Bromochloromethane	ND		ug/Kg	3.9	0.78	313368	05/06/23	05/06/23	LYZ
1,1,1-Trichloroethane	ND		ug/Kg	3.9	0.78	313368	05/06/23	05/06/23	LYZ
1,1-Dichloropropene	ND		ug/Kg	3.9	0.78	313368	05/06/23	05/06/23	LYZ
Carbon Tetrachloride	ND		ug/Kg	3.9	0.78	313368	05/06/23	05/06/23	LYZ
1,2-Dichloroethane	ND		ug/Kg	3.9	0.78	313368	05/06/23	05/06/23	LYZ
Benzene	ND		ug/Kg	3.9	0.78	313368	05/06/23	05/06/23	LYZ
Trichloroethene	ND		ug/Kg	3.9	0.78	313368	05/06/23	05/06/23	LYZ
1,2-Dichloropropane	ND		ug/Kg	3.9	0.78	313368	05/06/23	05/06/23	LYZ
Bromodichloromethane	ND		ug/Kg	3.9	0.78	313368	05/06/23	05/06/23	LYZ
Dibromomethane	ND		ug/Kg	3.9	0.78	313368	05/06/23	05/06/23	LYZ
4-Methyl-2-Pentanone	ND		ug/Kg	6.3	0.78	313368	05/06/23	05/06/23	LYZ
cis-1,3-Dichloropropene	ND		ug/Kg	3.9	0.78	313368	05/06/23	05/06/23	LYZ
Toluene	ND		ug/Kg	3.9	0.78	313368	05/06/23	05/06/23	LYZ
trans-1,3-Dichloropropene	ND		ug/Kg	3.9	0.78	313368	05/06/23	05/06/23	LYZ
1,1,2-Trichloroethane	ND		ug/Kg	3.9	0.78	313368	05/06/23	05/06/23	LYZ
1,3-Dichloropropane	ND		ug/Kg	3.9	0.78	313368	05/06/23	05/06/23	LYZ
Tetrachloroethene	ND		ug/Kg	3.9	0.78	313368	05/06/23	05/06/23	LYZ

Results for any subcontracted analyses are not included in this section.

Analysis Results for 484669

484669-009 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Dibromochloromethane	ND		ug/Kg	3.9	0.78	313368	05/06/23	05/06/23	LYZ
1,2-Dibromoethane	ND		ug/Kg	3.9	0.78	313368	05/06/23	05/06/23	LYZ
Chlorobenzene	ND		ug/Kg	3.9	0.78	313368	05/06/23	05/06/23	LYZ
1,1,1,2-Tetrachloroethane	ND		ug/Kg	3.9	0.78	313368	05/06/23	05/06/23	LYZ
Ethylbenzene	ND		ug/Kg	3.9	0.78	313368	05/06/23	05/06/23	LYZ
m,p-Xylenes	ND		ug/Kg	7.8	0.78	313368	05/06/23	05/06/23	LYZ
o-Xylene	ND		ug/Kg	3.9	0.78	313368	05/06/23	05/06/23	LYZ
Styrene	ND		ug/Kg	3.9	0.78	313368	05/06/23	05/06/23	LYZ
Bromoform	ND		ug/Kg	3.9	0.78	313368	05/06/23	05/06/23	LYZ
Isopropylbenzene	ND		ug/Kg	3.9	0.78	313368	05/06/23	05/06/23	LYZ
1,1,2,2-Tetrachloroethane	ND		ug/Kg	3.9	0.78	313368	05/06/23	05/06/23	LYZ
1,2,3-Trichloropropane	ND		ug/Kg	3.9	0.78	313368	05/06/23	05/06/23	LYZ
Propylbenzene	ND		ug/Kg	3.9	0.78	313368	05/06/23	05/06/23	LYZ
Bromobenzene	ND		ug/Kg	3.9	0.78	313368	05/06/23	05/06/23	LYZ
1,3,5-Trimethylbenzene	ND		ug/Kg	3.9	0.78	313368	05/06/23	05/06/23	LYZ
2-Chlorotoluene	ND		ug/Kg	3.9	0.78	313368	05/06/23	05/06/23	LYZ
4-Chlorotoluene	ND		ug/Kg	3.9	0.78	313368	05/06/23	05/06/23	LYZ
tert-Butylbenzene	ND		ug/Kg	3.9	0.78	313368	05/06/23	05/06/23	LYZ
1,2,4-Trimethylbenzene	ND		ug/Kg	3.9	0.78	313368	05/06/23	05/06/23	LYZ
sec-Butylbenzene	ND		ug/Kg	3.9	0.78	313368	05/06/23	05/06/23	LYZ
para-Isopropyl Toluene	ND		ug/Kg	3.9	0.78	313368	05/06/23	05/06/23	LYZ
1,3-Dichlorobenzene	ND		ug/Kg	3.9	0.78	313368	05/06/23	05/06/23	LYZ
1,4-Dichlorobenzene	ND		ug/Kg	3.9	0.78	313368	05/06/23	05/06/23	LYZ
n-Butylbenzene	ND		ug/Kg	3.9	0.78	313368	05/06/23	05/06/23	LYZ
1,2-Dichlorobenzene	ND		ug/Kg	3.9	0.78	313368	05/06/23	05/06/23	LYZ
1,2-Dibromo-3-Chloropropane	ND		ug/Kg	3.9	0.78	313368	05/06/23	05/06/23	LYZ
1,2,4-Trichlorobenzene	ND		ug/Kg	3.9	0.78	313368	05/06/23	05/06/23	LYZ
Hexachlorobutadiene	ND		ug/Kg	3.9	0.78	313368	05/06/23	05/06/23	LYZ
Naphthalene	ND		ug/Kg	3.9	0.78	313368	05/06/23	05/06/23	LYZ
1,2,3-Trichlorobenzene	ND		ug/Kg	3.9	0.78	313368	05/06/23	05/06/23	LYZ
Surrogates				**Limits**					
Dibromofluoromethane	97%		%REC	70-145	0.78	313368	05/06/23	05/06/23	LYZ
1,2-Dichloroethane-d4	101%		%REC	70-145	0.78	313368	05/06/23	05/06/23	LYZ
Toluene-d8	116%		%REC	70-145	0.78	313368	05/06/23	05/06/23	LYZ
Bromofluorobenzene	96%		%REC	70-145	0.78	313368	05/06/23	05/06/23	LYZ
Method: EPA 8270C-SIM Prep Method: EPA 3546									
1-Methylnaphthalene	ND		ug/Kg	500	50	313427	05/08/23	05/09/23	VTN
2-Methylnaphthalene	ND		ug/Kg	500	50	313427	05/08/23	05/09/23	VTN
Naphthalene	ND		ug/Kg	500	50	313427	05/08/23	05/09/23	VTN
Acenaphthylene	ND		ug/Kg	500	50	313427	05/08/23	05/09/23	VTN
Acenaphthene	ND		ug/Kg	500	50	313427	05/08/23	05/09/23	VTN
Fluorene	ND		ug/Kg	500	50	313427	05/08/23	05/09/23	VTN
Phenanthrene	ND		ug/Kg	500	50	313427	05/08/23	05/09/23	VTN
Anthracene	ND		ug/Kg	500	50	313427	05/08/23	05/09/23	VTN
Fluoranthene	ND		ug/Kg	500	50	313427	05/08/23	05/09/23	VTN

Results for any subcontracted analyses are not included in this section.

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Analysis Results for 484669

484669-009 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Pyrene	ND		ug/Kg	500	50	313427	05/08/23	05/09/23	VTN
Benzo(a)anthracene	ND		ug/Kg	500	50	313427	05/08/23	05/09/23	VTN
Chrysene	ND		ug/Kg	500	50	313427	05/08/23	05/09/23	VTN
Benzo(b)fluoranthene	ND		ug/Kg	500	50	313427	05/08/23	05/09/23	VTN
Benzo(k)fluoranthene	ND		ug/Kg	500	50	313427	05/08/23	05/09/23	VTN
Benzo(a)pyrene	ND		ug/Kg	500	50	313427	05/08/23	05/09/23	VTN
Indeno(1,2,3-cd)pyrene	ND		ug/Kg	500	50	313427	05/08/23	05/09/23	VTN
Dibenz(a,h)anthracene	ND		ug/Kg	500	50	313427	05/08/23	05/09/23	VTN
Benzo(g,h,i)perylene	ND		ug/Kg	500	50	313427	05/08/23	05/09/23	VTN
Surrogates				**Limits**					
Nitrobenzene-d5	95%		%REC	27-125	50	313427	05/08/23	05/09/23	VTN
2-Fluorobiphenyl	73%		%REC	30-120	50	313427	05/08/23	05/09/23	VTN
Terphenyl-d14	82%		%REC	33-155	50	313427	05/08/23	05/09/23	VTN

Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

Analysis Results for 484669

Sample ID: F-2-GW	Lab ID: 484669-011	Collected: 05/04/23 16:00
	Matrix: Water	

484669-011 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 8015B Prep Method: EPA 3510C									
Diesel C10-C28	**1,700**		ug/L	630	6.3	313344	05/07/23	05/08/23	BJG
ORO C28-C44	ND		mg/L	1.9	6.3	313344	05/07/23	05/08/23	BJG
Surrogates				**Limits**					
n-Triacontane	86%		%REC	35-130	6.3	313344	05/07/23	05/08/23	BJG
Method: EPA 8260B Prep Method: EPA 5030B									
Freon 12	ND		ug/L	0.5	1	313686	05/11/23	05/11/23	LYZ
Chloromethane	ND		ug/L	0.5	1	313686	05/11/23	05/11/23	LYZ
Vinyl Chloride	ND		ug/L	0.5	1	313686	05/11/23	05/11/23	LYZ
Bromomethane	ND		ug/L	1.0	1	313686	05/11/23	05/11/23	LYZ
Chloroethane	ND		ug/L	0.5	1	313686	05/11/23	05/11/23	LYZ
Trichlorofluoromethane	ND		ug/L	0.5	1	313686	05/11/23	05/11/23	LYZ
Acetone	**37**		ug/L	20	1	313686	05/11/23	05/11/23	LYZ
Freon 113	ND		ug/L	0.5	1	313686	05/11/23	05/11/23	LYZ
1,1-Dichloroethene	ND		ug/L	0.5	1	313686	05/11/23	05/11/23	LYZ
Methylene Chloride	ND		ug/L	10	1	313686	05/11/23	05/11/23	LYZ
MTBE	ND		ug/L	0.5	1	313686	05/11/23	05/11/23	LYZ
trans-1,2-Dichloroethene	ND		ug/L	0.5	1	313686	05/11/23	05/11/23	LYZ
1,1-Dichloroethane	ND		ug/L	0.5	1	313686	05/11/23	05/11/23	LYZ
2-Butanone	**11**		ug/L	5.0	1	313686	05/11/23	05/11/23	LYZ
cis-1,2-Dichloroethene	ND		ug/L	0.5	1	313686	05/11/23	05/11/23	LYZ
2,2-Dichloropropane	ND		ug/L	0.5	1	313686	05/11/23	05/11/23	LYZ
Chloroform	ND		ug/L	0.5	1	313686	05/11/23	05/11/23	LYZ
Bromochloromethane	ND		ug/L	0.5	1	313686	05/11/23	05/11/23	LYZ
1,1,1-Trichloroethane	ND		ug/L	0.5	1	313686	05/11/23	05/11/23	LYZ
1,1-Dichloropropene	ND		ug/L	0.5	1	313686	05/11/23	05/11/23	LYZ
Carbon Tetrachloride	ND		ug/L	0.5	1	313686	05/11/23	05/11/23	LYZ
1,2-Dichloroethane	ND		ug/L	0.5	1	313686	05/11/23	05/11/23	LYZ
Benzene	ND		ug/L	0.5	1	313686	05/11/23	05/11/23	LYZ
Trichloroethene	ND		ug/L	0.5	1	313686	05/11/23	05/11/23	LYZ
1,2-Dichloropropane	ND		ug/L	0.5	1	313686	05/11/23	05/11/23	LYZ
Bromodichloromethane	ND		ug/L	0.5	1	313686	05/11/23	05/11/23	LYZ
Dibromomethane	ND		ug/L	0.5	1	313686	05/11/23	05/11/23	LYZ
4-Methyl-2-Pentanone	ND		ug/L	5.0	1	313686	05/11/23	05/11/23	LYZ
cis-1,3-Dichloropropene	ND		ug/L	0.5	1	313686	05/11/23	05/11/23	LYZ
Toluene	ND		ug/L	0.5	1	313686	05/11/23	05/11/23	LYZ
trans-1,3-Dichloropropene	ND		ug/L	0.5	1	313686	05/11/23	05/11/23	LYZ
1,1,2-Trichloroethane	ND		ug/L	0.5	1	313686	05/11/23	05/11/23	LYZ
1,3-Dichloropropane	ND		ug/L	0.5	1	313686	05/11/23	05/11/23	LYZ
Tetrachloroethene	ND		ug/L	0.5	1	313686	05/11/23	05/11/23	LYZ

Results for any subcontracted analyses are not included in this section.

Analysis Results for 484669

484669-011 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Dibromochloromethane	ND		ug/L	0.5	1	313686	05/11/23	05/11/23	LYZ
1,2-Dibromoethane	ND		ug/L	0.5	1	313686	05/11/23	05/11/23	LYZ
Chlorobenzene	ND		ug/L	0.5	1	313686	05/11/23	05/11/23	LYZ
1,1,1,2-Tetrachloroethane	ND		ug/L	0.5	1	313686	05/11/23	05/11/23	LYZ
Ethylbenzene	ND		ug/L	0.5	1	313686	05/11/23	05/11/23	LYZ
m,p-Xylenes	ND		ug/L	1.0	1	313686	05/11/23	05/11/23	LYZ
o-Xylene	ND		ug/L	0.5	1	313686	05/11/23	05/11/23	LYZ
Styrene	ND		ug/L	0.5	1	313686	05/11/23	05/11/23	LYZ
Bromoform	ND		ug/L	1.0	1	313686	05/11/23	05/11/23	LYZ
Propylbenzene	ND		ug/L	0.5	1	313686	05/11/23	05/11/23	LYZ
Isopropylbenzene	ND		ug/L	0.5	1	313686	05/11/23	05/11/23	LYZ
1,1,2,2-Tetrachloroethane	ND		ug/L	0.5	1	313686	05/11/23	05/11/23	LYZ
1,2,3-Trichloropropane	ND		ug/L	1.0	1	313686	05/11/23	05/11/23	LYZ
Bromobenzene	ND		ug/L	1.0	1	313686	05/11/23	05/11/23	LYZ
1,3,5-Trimethylbenzene	ND		ug/L	0.5	1	313686	05/11/23	05/11/23	LYZ
2-Chlorotoluene	ND		ug/L	0.5	1	313686	05/11/23	05/11/23	LYZ
4-Chlorotoluene	ND		ug/L	0.5	1	313686	05/11/23	05/11/23	LYZ
tert-Butylbenzene	ND		ug/L	0.5	1	313686	05/11/23	05/11/23	LYZ
1,2,4-Trimethylbenzene	ND		ug/L	0.5	1	313686	05/11/23	05/11/23	LYZ
sec-Butylbenzene	ND		ug/L	0.5	1	313686	05/11/23	05/11/23	LYZ
para-Isopropyl Toluene	ND		ug/L	0.5	1	313686	05/11/23	05/11/23	LYZ
1,3-Dichlorobenzene	ND		ug/L	0.5	1	313686	05/11/23	05/11/23	LYZ
1,4-Dichlorobenzene	ND		ug/L	0.5	1	313686	05/11/23	05/11/23	LYZ
n-Butylbenzene	ND		ug/L	0.5	1	313686	05/11/23	05/11/23	LYZ
1,2-Dichlorobenzene	ND		ug/L	0.5	1	313686	05/11/23	05/11/23	LYZ
1,2-Dibromo-3-Chloropropane	ND		ug/L	2.0	1	313686	05/11/23	05/11/23	LYZ
1,2,4-Trichlorobenzene	ND		ug/L	0.5	1	313686	05/11/23	05/11/23	LYZ
Hexachlorobutadiene	ND		ug/L	2.0	1	313686	05/11/23	05/11/23	LYZ
Naphthalene	ND		ug/L	2.0	1	313686	05/11/23	05/11/23	LYZ
1,2,3-Trichlorobenzene	ND		ug/L	0.5	1	313686	05/11/23	05/11/23	LYZ
Isopropyl Ether (DIPE)	ND		ug/L	0.5	1	313686	05/11/23	05/11/23	LYZ
Ethyl tert-Butyl Ether (ETBE)	ND		ug/L	0.5	1	313686	05/11/23	05/11/23	LYZ
tert-Butyl Alcohol (TBA)	ND		ug/L	10	1	313686	05/11/23	05/11/23	LYZ
Methyl tert-Amyl Ether (TAME)	ND		ug/L	0.5	1	313686	05/11/23	05/11/23	LYZ
Surrogates				**Limits**					
Dibromofluoromethane	100%		%REC	70-130	1	313686	05/11/23	05/11/23	LYZ
1,2-Dichloroethane-d4	98%		%REC	70-130	1	313686	05/11/23	05/11/23	LYZ
Toluene-d8	113%		%REC	70-130	1	313686	05/11/23	05/11/23	LYZ
Bromofluorobenzene	93%		%REC	70-130	1	313686	05/11/23	05/11/23	LYZ
Method: EPA 8270C-SIM Prep Method: EPA 3510C									
1-Methylnaphthalene	ND	H	ug/L	13	25	313985	05/15/23	05/15/23	VTN
2-Methylnaphthalene	ND	H	ug/L	13	25	313985	05/15/23	05/15/23	VTN
Naphthalene	ND	H	ug/L	13	25	313985	05/15/23	05/15/23	VTN
Acenaphthylene	ND	H	ug/L	13	25	313985	05/15/23	05/15/23	VTN
Acenaphthene	ND	H	ug/L	13	25	313985	05/15/23	05/15/23	VTN

Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

Analysis Results for 484669

484669-011 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Fluorene	ND	H	ug/L	13	25	313985	05/15/23	05/15/23	VTN
Phenanthrene	ND	H	ug/L	13	25	313985	05/15/23	05/15/23	VTN
Anthracene	ND	H	ug/L	13	25	313985	05/15/23	05/15/23	VTN
Fluoranthene	ND	H	ug/L	13	25	313985	05/15/23	05/15/23	VTN
Pyrene	ND	H	ug/L	13	25	313985	05/15/23	05/15/23	VTN
Benzo(a)anthracene	ND	H	ug/L	13	25	313985	05/15/23	05/15/23	VTN
Chrysene	ND	H	ug/L	13	25	313985	05/15/23	05/15/23	VTN
Benzo(b)fluoranthene	ND	H	ug/L	13	25	313985	05/15/23	05/15/23	VTN
Benzo(k)fluoranthene	ND	H	ug/L	13	25	313985	05/15/23	05/15/23	VTN
Benzo(a)pyrene	ND	H	ug/L	13	25	313985	05/15/23	05/15/23	VTN
Indeno(1,2,3-cd)pyrene	ND	H	ug/L	13	25	313985	05/15/23	05/15/23	VTN
Dibenz(a,h)anthracene	ND	H	ug/L	13	25	313985	05/15/23	05/15/23	VTN
Benzo(g,h,i)perylene	ND	H	ug/L	13	25	313985	05/15/23	05/15/23	VTN
Surrogates				**Limits**					
Nitrobenzene-d5	60%	H	%REC	16-125	25	313985	05/15/23	05/15/23	VTN
2-Fluorobiphenyl	61%	H	%REC	17-120	25	313985	05/15/23	05/15/23	VTN
Terphenyl-d14	81%	H	%REC	39-123	25	313985	05/15/23	05/15/23	VTN

Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

Analysis Results for 484669

Sample ID: F-25-0.5	Lab ID: 484669-012	Collected: 05/04/23 13:18
	Matrix: Soil	

484669-012 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 6010B Prep Method: EPA 3050B									
Antimony	ND		mg/Kg	2.9	0.95	313453	05/09/23	05/09/23	THP
Arsenic	**5.4**		mg/Kg	0.95	0.95	313453	05/09/23	05/09/23	THP
Barium	**51**		mg/Kg	0.95	0.95	313453	05/09/23	05/09/23	THP
Beryllium	**0.56**		mg/Kg	0.48	0.95	313453	05/09/23	05/11/23	THP
Cadmium	ND		mg/Kg	0.48	0.95	313453	05/09/23	05/10/23	THP
Chromium	**43**		mg/Kg	0.95	0.95	313453	05/09/23	05/09/23	THP
Cobalt	**12**		mg/Kg	0.48	0.95	313453	05/09/23	05/09/23	THP
Copper	**24**		mg/Kg	0.95	0.95	313453	05/09/23	05/10/23	THP
Lead	**6.5**		mg/Kg	0.95	0.95	313453	05/09/23	05/10/23	THP
Molybdenum	**3.5**		mg/Kg	0.95	0.95	313453	05/09/23	05/09/23	THP
Nickel	**42**		mg/Kg	0.95	0.95	313453	05/09/23	05/10/23	THP
Selenium	ND		mg/Kg	2.9	0.95	313453	05/09/23	05/10/23	THP
Silver	ND		mg/Kg	0.48	0.95	313453	05/09/23	05/09/23	THP
Thallium	ND		mg/Kg	2.9	0.95	313453	05/09/23	05/09/23	THP
Vanadium	**59**		mg/Kg	0.95	0.95	313453	05/09/23	05/09/23	THP
Zinc	**86**		mg/Kg	4.8	0.95	313453	05/09/23	05/10/23	THP
Method: EPA 7471A Prep Method: METHOD									
Mercury	ND		mg/Kg	0.14	1	313481	05/09/23	05/10/23	KAM
Method: EPA 8015B Prep Method: EPA 5035									
TPH Gasoline	ND		mg/Kg	2.0	0.68	313667	05/11/23	05/11/23	TCN
Surrogates				**Limits**					
Bromofluorobenzene (FID)	78%		%REC	60-140	0.68	313667	05/11/23	05/11/23	TCN
Method: EPA 8015M Prep Method: EPA 3580M									
DRO C10-C28	**490**		mg/Kg	100	10	313536	05/09/23	05/12/23	SME
ORO C28-C44	**1,900**		mg/Kg	200	10	313536	05/09/23	05/12/23	SME
Surrogates				**Limits**					
n-Triacontane	97%		%REC	70-130	10	313536	05/09/23	05/12/23	SME
Method: EPA 8260B Prep Method: EPA 5035									
Freon 12	ND		ug/Kg	3.4	0.68	313368	05/06/23	05/06/23	LYZ
Chloromethane	ND		ug/Kg	3.4	0.68	313368	05/06/23	05/06/23	LYZ
Vinyl Chloride	ND		ug/Kg	3.4	0.68	313368	05/06/23	05/06/23	LYZ
Bromomethane	ND		ug/Kg	3.4	0.68	313368	05/06/23	05/06/23	LYZ
Chloroethane	ND		ug/Kg	3.4	0.68	313368	05/06/23	05/06/23	LYZ
Trichlorofluoromethane	ND		ug/Kg	3.4	0.68	313368	05/06/23	05/06/23	LYZ
Acetone	ND		ug/Kg	68	0.68	313368	05/06/23	05/06/23	LYZ
Freon 113	ND		ug/Kg	3.4	0.68	313368	05/06/23	05/06/23	LYZ

Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

Analysis Results for 484669

484669-012 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
1,1-Dichloroethene	ND		ug/Kg	3.4	0.68	313368	05/06/23	05/06/23	LYZ
Methylene Chloride	ND		ug/Kg	3.4	0.68	313368	05/06/23	05/06/23	LYZ
MTBE	ND		ug/Kg	3.4	0.68	313368	05/06/23	05/06/23	LYZ
trans-1,2-Dichloroethene	ND		ug/Kg	3.4	0.68	313368	05/06/23	05/06/23	LYZ
1,1-Dichloroethane	ND		ug/Kg	3.4	0.68	313368	05/06/23	05/06/23	LYZ
2-Butanone	ND		ug/Kg	68	0.68	313368	05/06/23	05/06/23	LYZ
cis-1,2-Dichloroethene	ND		ug/Kg	3.4	0.68	313368	05/06/23	05/06/23	LYZ
2,2-Dichloropropane	ND		ug/Kg	3.4	0.68	313368	05/06/23	05/06/23	LYZ
Chloroform	ND		ug/Kg	3.4	0.68	313368	05/06/23	05/06/23	LYZ
Bromochloromethane	ND		ug/Kg	3.4	0.68	313368	05/06/23	05/06/23	LYZ
1,1,1-Trichloroethane	ND		ug/Kg	3.4	0.68	313368	05/06/23	05/06/23	LYZ
1,1-Dichloropropene	ND		ug/Kg	3.4	0.68	313368	05/06/23	05/06/23	LYZ
Carbon Tetrachloride	ND		ug/Kg	3.4	0.68	313368	05/06/23	05/06/23	LYZ
1,2-Dichloroethane	ND		ug/Kg	3.4	0.68	313368	05/06/23	05/06/23	LYZ
Benzene	ND		ug/Kg	3.4	0.68	313368	05/06/23	05/06/23	LYZ
Trichloroethene	ND		ug/Kg	3.4	0.68	313368	05/06/23	05/06/23	LYZ
1,2-Dichloropropane	ND		ug/Kg	3.4	0.68	313368	05/06/23	05/06/23	LYZ
Bromodichloromethane	ND		ug/Kg	3.4	0.68	313368	05/06/23	05/06/23	LYZ
Dibromomethane	ND		ug/Kg	3.4	0.68	313368	05/06/23	05/06/23	LYZ
4-Methyl-2-Pentanone	ND		ug/Kg	5.5	0.68	313368	05/06/23	05/06/23	LYZ
cis-1,3-Dichloropropene	ND		ug/Kg	3.4	0.68	313368	05/06/23	05/06/23	LYZ
Toluene	ND		ug/Kg	3.4	0.68	313368	05/06/23	05/06/23	LYZ
trans-1,3-Dichloropropene	ND		ug/Kg	3.4	0.68	313368	05/06/23	05/06/23	LYZ
1,1,2-Trichloroethane	ND		ug/Kg	3.4	0.68	313368	05/06/23	05/06/23	LYZ
1,3-Dichloropropane	ND		ug/Kg	3.4	0.68	313368	05/06/23	05/06/23	LYZ
Tetrachloroethene	ND		ug/Kg	3.4	0.68	313368	05/06/23	05/06/23	LYZ
Dibromochloromethane	ND		ug/Kg	3.4	0.68	313368	05/06/23	05/06/23	LYZ
1,2-Dibromoethane	ND		ug/Kg	3.4	0.68	313368	05/06/23	05/06/23	LYZ
Chlorobenzene	ND		ug/Kg	3.4	0.68	313368	05/06/23	05/06/23	LYZ
1,1,1,2-Tetrachloroethane	ND		ug/Kg	3.4	0.68	313368	05/06/23	05/06/23	LYZ
Ethylbenzene	ND		ug/Kg	3.4	0.68	313368	05/06/23	05/06/23	LYZ
m,p-Xylenes	ND		ug/Kg	6.8	0.68	313368	05/06/23	05/06/23	LYZ
o-Xylene	ND		ug/Kg	3.4	0.68	313368	05/06/23	05/06/23	LYZ
Styrene	ND		ug/Kg	3.4	0.68	313368	05/06/23	05/06/23	LYZ
Bromoform	ND		ug/Kg	3.4	0.68	313368	05/06/23	05/06/23	LYZ
Isopropylbenzene	ND		ug/Kg	3.4	0.68	313368	05/06/23	05/06/23	LYZ
1,1,2,2-Tetrachloroethane	ND		ug/Kg	3.4	0.68	313368	05/06/23	05/06/23	LYZ
1,2,3-Trichloropropane	ND		ug/Kg	3.4	0.68	313368	05/06/23	05/06/23	LYZ
Propylbenzene	ND		ug/Kg	3.4	0.68	313368	05/06/23	05/06/23	LYZ
Bromobenzene	ND		ug/Kg	3.4	0.68	313368	05/06/23	05/06/23	LYZ
1,3,5-Trimethylbenzene	ND		ug/Kg	3.4	0.68	313368	05/06/23	05/06/23	LYZ
2-Chlorotoluene	ND		ug/Kg	3.4	0.68	313368	05/06/23	05/06/23	LYZ
4-Chlorotoluene	ND		ug/Kg	3.4	0.68	313368	05/06/23	05/06/23	LYZ
tert-Butylbenzene	ND		ug/Kg	3.4	0.68	313368	05/06/23	05/06/23	LYZ
1,2,4-Trimethylbenzene	ND		ug/Kg	3.4	0.68	313368	05/06/23	05/06/23	LYZ
sec-Butylbenzene	ND		ug/Kg	3.4	0.68	313368	05/06/23	05/06/23	LYZ

Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

Analysis Results for 484669

484669-012 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
para-Isopropyl Toluene	ND		ug/Kg	3.4	0.68	313368	05/06/23	05/06/23	LYZ
1,3-Dichlorobenzene	ND		ug/Kg	3.4	0.68	313368	05/06/23	05/06/23	LYZ
1,4-Dichlorobenzene	ND		ug/Kg	3.4	0.68	313368	05/06/23	05/06/23	LYZ
n-Butylbenzene	ND		ug/Kg	3.4	0.68	313368	05/06/23	05/06/23	LYZ
1,2-Dichlorobenzene	ND		ug/Kg	3.4	0.68	313368	05/06/23	05/06/23	LYZ
1,2-Dibromo-3-Chloropropane	ND		ug/Kg	3.4	0.68	313368	05/06/23	05/06/23	LYZ
1,2,4-Trichlorobenzene	ND		ug/Kg	3.4	0.68	313368	05/06/23	05/06/23	LYZ
Hexachlorobutadiene	ND		ug/Kg	3.4	0.68	313368	05/06/23	05/06/23	LYZ
Naphthalene	ND		ug/Kg	3.4	0.68	313368	05/06/23	05/06/23	LYZ
1,2,3-Trichlorobenzene	ND		ug/Kg	3.4	0.68	313368	05/06/23	05/06/23	LYZ
Surrogates				**Limits**					
Dibromofluoromethane	97%		%REC	70-145	0.68	313368	05/06/23	05/06/23	LYZ
1,2-Dichloroethane-d4	101%		%REC	70-145	0.68	313368	05/06/23	05/06/23	LYZ
Toluene-d8	100%		%REC	70-145	0.68	313368	05/06/23	05/06/23	LYZ
Bromofluorobenzene	96%		%REC	70-145	0.68	313368	05/06/23	05/06/23	LYZ

Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

Analysis Results for 484669

Sample ID: F-25-3.0	Lab ID: 484669-013	Collected: 05/04/23 13:23
	Matrix: Soil	

484669-013 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 8015B Prep Method: EPA 5035									
TPH Gasoline	ND		mg/Kg	2.1	0.7	313667	05/11/23	05/11/23	TCN
Surrogates				**Limits**					
Bromofluorobenzene (FID)	80%		%REC	60-140	0.7	313667	05/11/23	05/11/23	TCN
Method: EPA 8015M Prep Method: EPA 3580M									
DRO C10-C28	**17**		mg/Kg	9.9	0.99	313536	05/09/23	05/11/23	SME
ORO C28-C44	**29**		mg/Kg	20	0.99	313536	05/09/23	05/11/23	SME
Surrogates				**Limits**					
n-Triacontane	79%		%REC	70-130	0.99	313536	05/09/23	05/11/23	SME
Method: EPA 8260B Prep Method: EPA 5035									
Freon 12	ND		ug/Kg	3.3	0.66	313368	05/06/23	05/06/23	LYZ
Chloromethane	ND		ug/Kg	3.3	0.66	313368	05/06/23	05/06/23	LYZ
Vinyl Chloride	ND		ug/Kg	3.3	0.66	313368	05/06/23	05/06/23	LYZ
Bromomethane	ND		ug/Kg	3.3	0.66	313368	05/06/23	05/06/23	LYZ
Chloroethane	ND		ug/Kg	3.3	0.66	313368	05/06/23	05/06/23	LYZ
Trichlorofluoromethane	ND		ug/Kg	3.3	0.66	313368	05/06/23	05/06/23	LYZ
Acetone	ND		ug/Kg	66	0.66	313368	05/06/23	05/06/23	LYZ
Freon 113	ND		ug/Kg	3.3	0.66	313368	05/06/23	05/06/23	LYZ
1,1-Dichloroethene	ND		ug/Kg	3.3	0.66	313368	05/06/23	05/06/23	LYZ
Methylene Chloride	ND		ug/Kg	3.3	0.66	313368	05/06/23	05/06/23	LYZ
MTBE	ND		ug/Kg	3.3	0.66	313368	05/06/23	05/06/23	LYZ
trans-1,2-Dichloroethene	ND		ug/Kg	3.3	0.66	313368	05/06/23	05/06/23	LYZ
1,1-Dichloroethane	ND		ug/Kg	3.3	0.66	313368	05/06/23	05/06/23	LYZ
2-Butanone	ND		ug/Kg	66	0.66	313368	05/06/23	05/06/23	LYZ
cis-1,2-Dichloroethene	ND		ug/Kg	3.3	0.66	313368	05/06/23	05/06/23	LYZ
2,2-Dichloropropane	ND		ug/Kg	3.3	0.66	313368	05/06/23	05/06/23	LYZ
Chloroform	ND		ug/Kg	3.3	0.66	313368	05/06/23	05/06/23	LYZ
Bromochloromethane	ND		ug/Kg	3.3	0.66	313368	05/06/23	05/06/23	LYZ
1,1,1-Trichloroethane	ND		ug/Kg	3.3	0.66	313368	05/06/23	05/06/23	LYZ
1,1-Dichloropropene	ND		ug/Kg	3.3	0.66	313368	05/06/23	05/06/23	LYZ
Carbon Tetrachloride	ND		ug/Kg	3.3	0.66	313368	05/06/23	05/06/23	LYZ
1,2-Dichloroethane	ND		ug/Kg	3.3	0.66	313368	05/06/23	05/06/23	LYZ
Benzene	ND		ug/Kg	3.3	0.66	313368	05/06/23	05/06/23	LYZ
Trichloroethene	ND		ug/Kg	3.3	0.66	313368	05/06/23	05/06/23	LYZ
1,2-Dichloropropane	ND		ug/Kg	3.3	0.66	313368	05/06/23	05/06/23	LYZ
Bromodichloromethane	ND		ug/Kg	3.3	0.66	313368	05/06/23	05/06/23	LYZ
Dibromomethane	ND		ug/Kg	3.3	0.66	313368	05/06/23	05/06/23	LYZ
4-Methyl-2-Pentanone	ND		ug/Kg	5.4	0.66	313368	05/06/23	05/06/23	LYZ
cis-1,3-Dichloropropene	ND		ug/Kg	3.3	0.66	313368	05/06/23	05/06/23	LYZ

Results for any subcontracted analyses are not included in this section.

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Analysis Results for 484669

484669-013 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Toluene	ND		ug/Kg	3.3	0.66	313368	05/06/23	05/06/23	LYZ
trans-1,3-Dichloropropene	ND		ug/Kg	3.3	0.66	313368	05/06/23	05/06/23	LYZ
1,1,2-Trichloroethane	ND		ug/Kg	3.3	0.66	313368	05/06/23	05/06/23	LYZ
1,3-Dichloropropane	ND		ug/Kg	3.3	0.66	313368	05/06/23	05/06/23	LYZ
Tetrachloroethene	ND		ug/Kg	3.3	0.66	313368	05/06/23	05/06/23	LYZ
Dibromochloromethane	ND		ug/Kg	3.3	0.66	313368	05/06/23	05/06/23	LYZ
1,2-Dibromoethane	ND		ug/Kg	3.3	0.66	313368	05/06/23	05/06/23	LYZ
Chlorobenzene	ND		ug/Kg	3.3	0.66	313368	05/06/23	05/06/23	LYZ
1,1,1,2-Tetrachloroethane	ND		ug/Kg	3.3	0.66	313368	05/06/23	05/06/23	LYZ
Ethylbenzene	ND		ug/Kg	3.3	0.66	313368	05/06/23	05/06/23	LYZ
m,p-Xylenes	ND		ug/Kg	6.6	0.66	313368	05/06/23	05/06/23	LYZ
o-Xylene	ND		ug/Kg	3.3	0.66	313368	05/06/23	05/06/23	LYZ
Styrene	ND		ug/Kg	3.3	0.66	313368	05/06/23	05/06/23	LYZ
Bromoform	ND		ug/Kg	3.3	0.66	313368	05/06/23	05/06/23	LYZ
Isopropylbenzene	ND		ug/Kg	3.3	0.66	313368	05/06/23	05/06/23	LYZ
1,1,2,2-Tetrachloroethane	ND		ug/Kg	3.3	0.66	313368	05/06/23	05/06/23	LYZ
1,2,3-Trichloropropane	ND		ug/Kg	3.3	0.66	313368	05/06/23	05/06/23	LYZ
Propylbenzene	ND		ug/Kg	3.3	0.66	313368	05/06/23	05/06/23	LYZ
Bromobenzene	ND		ug/Kg	3.3	0.66	313368	05/06/23	05/06/23	LYZ
1,3,5-Trimethylbenzene	ND		ug/Kg	3.3	0.66	313368	05/06/23	05/06/23	LYZ
2-Chlorotoluene	ND		ug/Kg	3.3	0.66	313368	05/06/23	05/06/23	LYZ
4-Chlorotoluene	ND		ug/Kg	3.3	0.66	313368	05/06/23	05/06/23	LYZ
tert-Butylbenzene	ND		ug/Kg	3.3	0.66	313368	05/06/23	05/06/23	LYZ
1,2,4-Trimethylbenzene	ND		ug/Kg	3.3	0.66	313368	05/06/23	05/06/23	LYZ
sec-Butylbenzene	ND		ug/Kg	3.3	0.66	313368	05/06/23	05/06/23	LYZ
para-Isopropyl Toluene	ND		ug/Kg	3.3	0.66	313368	05/06/23	05/06/23	LYZ
1,3-Dichlorobenzene	ND		ug/Kg	3.3	0.66	313368	05/06/23	05/06/23	LYZ
1,4-Dichlorobenzene	ND		ug/Kg	3.3	0.66	313368	05/06/23	05/06/23	LYZ
n-Butylbenzene	ND		ug/Kg	3.3	0.66	313368	05/06/23	05/06/23	LYZ
1,2-Dichlorobenzene	ND		ug/Kg	3.3	0.66	313368	05/06/23	05/06/23	LYZ
1,2-Dibromo-3-Chloropropane	ND		ug/Kg	3.3	0.66	313368	05/06/23	05/06/23	LYZ
1,2,4-Trichlorobenzene	ND		ug/Kg	3.3	0.66	313368	05/06/23	05/06/23	LYZ
Hexachlorobutadiene	ND		ug/Kg	3.3	0.66	313368	05/06/23	05/06/23	LYZ
Naphthalene	ND		ug/Kg	3.3	0.66	313368	05/06/23	05/06/23	LYZ
1,2,3-Trichlorobenzene	ND		ug/Kg	3.3	0.66	313368	05/06/23	05/06/23	LYZ
Surrogates				**Limits**					
Dibromofluoromethane	97%		%REC	70-145	0.66	313368	05/06/23	05/06/23	LYZ
1,2-Dichloroethane-d4	99%		%REC	70-145	0.66	313368	05/06/23	05/06/23	LYZ
Toluene-d8	112%		%REC	70-145	0.66	313368	05/06/23	05/06/23	LYZ
Bromofluorobenzene	95%		%REC	70-145	0.66	313368	05/06/23	05/06/23	LYZ

Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

Analysis Results for 484669

Sample ID: S-4A-1.0	Lab ID: 484669-014	Collected: 05/04/23 14:20
	Matrix: Soil	

484669-014 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 8260B Prep Method: EPA 5035									
Freon 12	ND		ug/Kg	3.6	0.72	313368	05/07/23	05/07/23	LYZ
Chloromethane	ND		ug/Kg	3.6	0.72	313368	05/07/23	05/07/23	LYZ
Vinyl Chloride	ND		ug/Kg	3.6	0.72	313368	05/07/23	05/07/23	LYZ
Bromomethane	ND		ug/Kg	3.6	0.72	313368	05/07/23	05/07/23	LYZ
Chloroethane	ND		ug/Kg	3.6	0.72	313368	05/07/23	05/07/23	LYZ
Trichlorofluoromethane	ND		ug/Kg	3.6	0.72	313368	05/07/23	05/07/23	LYZ
Acetone	ND		ug/Kg	72	0.72	313368	05/07/23	05/07/23	LYZ
Freon 113	ND		ug/Kg	3.6	0.72	313368	05/07/23	05/07/23	LYZ
1,1-Dichloroethene	ND		ug/Kg	3.6	0.72	313368	05/07/23	05/07/23	LYZ
Methylene Chloride	ND		ug/Kg	3.6	0.72	313368	05/07/23	05/07/23	LYZ
MTBE	ND		ug/Kg	3.6	0.72	313368	05/07/23	05/07/23	LYZ
trans-1,2-Dichloroethene	ND		ug/Kg	3.6	0.72	313368	05/07/23	05/07/23	LYZ
1,1-Dichloroethane	ND		ug/Kg	3.6	0.72	313368	05/07/23	05/07/23	LYZ
2-Butanone	ND		ug/Kg	72	0.72	313368	05/07/23	05/07/23	LYZ
cis-1,2-Dichloroethene	ND		ug/Kg	3.6	0.72	313368	05/07/23	05/07/23	LYZ
2,2-Dichloropropane	ND		ug/Kg	3.6	0.72	313368	05/07/23	05/07/23	LYZ
Chloroform	ND		ug/Kg	3.6	0.72	313368	05/07/23	05/07/23	LYZ
Bromochloromethane	ND		ug/Kg	3.6	0.72	313368	05/07/23	05/07/23	LYZ
1,1,1-Trichloroethane	ND		ug/Kg	3.6	0.72	313368	05/07/23	05/07/23	LYZ
1,1-Dichloropropene	ND		ug/Kg	3.6	0.72	313368	05/07/23	05/07/23	LYZ
Carbon Tetrachloride	ND		ug/Kg	3.6	0.72	313368	05/07/23	05/07/23	LYZ
1,2-Dichloroethane	ND		ug/Kg	3.6	0.72	313368	05/07/23	05/07/23	LYZ
Benzene	ND		ug/Kg	3.6	0.72	313368	05/07/23	05/07/23	LYZ
Trichloroethene	ND		ug/Kg	3.6	0.72	313368	05/07/23	05/07/23	LYZ
1,2-Dichloropropane	ND		ug/Kg	3.6	0.72	313368	05/07/23	05/07/23	LYZ
Bromodichloromethane	ND		ug/Kg	3.6	0.72	313368	05/07/23	05/07/23	LYZ
Dibromomethane	ND		ug/Kg	3.6	0.72	313368	05/07/23	05/07/23	LYZ
4-Methyl-2-Pentanone	ND		ug/Kg	5.9	0.72	313368	05/07/23	05/07/23	LYZ
cis-1,3-Dichloropropene	ND		ug/Kg	3.6	0.72	313368	05/07/23	05/07/23	LYZ
Toluene	ND		ug/Kg	3.6	0.72	313368	05/07/23	05/07/23	LYZ
trans-1,3-Dichloropropene	ND		ug/Kg	3.6	0.72	313368	05/07/23	05/07/23	LYZ
1,1,2-Trichloroethane	ND		ug/Kg	3.6	0.72	313368	05/07/23	05/07/23	LYZ
1,3-Dichloropropane	ND		ug/Kg	3.6	0.72	313368	05/07/23	05/07/23	LYZ
Tetrachloroethene	ND		ug/Kg	3.6	0.72	313368	05/07/23	05/07/23	LYZ
Dibromochloromethane	ND		ug/Kg	3.6	0.72	313368	05/07/23	05/07/23	LYZ
1,2-Dibromoethane	ND		ug/Kg	3.6	0.72	313368	05/07/23	05/07/23	LYZ
Chlorobenzene	ND		ug/Kg	3.6	0.72	313368	05/07/23	05/07/23	LYZ
1,1,1,2-Tetrachloroethane	ND		ug/Kg	3.6	0.72	313368	05/07/23	05/07/23	LYZ
Ethylbenzene	ND		ug/Kg	3.6	0.72	313368	05/07/23	05/07/23	LYZ
m,p-Xylenes	ND		ug/Kg	7.2	0.72	313368	05/07/23	05/07/23	LYZ

Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

Analysis Results for 484669

484669-014 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
o-Xylene	ND		ug/Kg	3.6	0.72	313368	05/07/23	05/07/23	LYZ
Styrene	ND		ug/Kg	3.6	0.72	313368	05/07/23	05/07/23	LYZ
Bromoform	ND		ug/Kg	3.6	0.72	313368	05/07/23	05/07/23	LYZ
Isopropylbenzene	ND		ug/Kg	3.6	0.72	313368	05/07/23	05/07/23	LYZ
1,1,2,2-Tetrachloroethane	ND		ug/Kg	3.6	0.72	313368	05/07/23	05/07/23	LYZ
1,2,3-Trichloropropane	ND		ug/Kg	3.6	0.72	313368	05/07/23	05/07/23	LYZ
Propylbenzene	ND		ug/Kg	3.6	0.72	313368	05/07/23	05/07/23	LYZ
Bromobenzene	ND		ug/Kg	3.6	0.72	313368	05/07/23	05/07/23	LYZ
1,3,5-Trimethylbenzene	ND		ug/Kg	3.6	0.72	313368	05/07/23	05/07/23	LYZ
2-Chlorotoluene	ND		ug/Kg	3.6	0.72	313368	05/07/23	05/07/23	LYZ
4-Chlorotoluene	ND		ug/Kg	3.6	0.72	313368	05/07/23	05/07/23	LYZ
tert-Butylbenzene	ND		ug/Kg	3.6	0.72	313368	05/07/23	05/07/23	LYZ
1,2,4-Trimethylbenzene	ND		ug/Kg	3.6	0.72	313368	05/07/23	05/07/23	LYZ
sec-Butylbenzene	ND		ug/Kg	3.6	0.72	313368	05/07/23	05/07/23	LYZ
para-Isopropyl Toluene	ND		ug/Kg	3.6	0.72	313368	05/07/23	05/07/23	LYZ
1,3-Dichlorobenzene	ND		ug/Kg	3.6	0.72	313368	05/07/23	05/07/23	LYZ
1,4-Dichlorobenzene	ND		ug/Kg	3.6	0.72	313368	05/07/23	05/07/23	LYZ
n-Butylbenzene	ND		ug/Kg	3.6	0.72	313368	05/07/23	05/07/23	LYZ
1,2-Dichlorobenzene	ND		ug/Kg	3.6	0.72	313368	05/07/23	05/07/23	LYZ
1,2-Dibromo-3-Chloropropane	ND		ug/Kg	3.6	0.72	313368	05/07/23	05/07/23	LYZ
1,2,4-Trichlorobenzene	ND		ug/Kg	3.6	0.72	313368	05/07/23	05/07/23	LYZ
Hexachlorobutadiene	ND		ug/Kg	3.6	0.72	313368	05/07/23	05/07/23	LYZ
Naphthalene	ND		ug/Kg	3.6	0.72	313368	05/07/23	05/07/23	LYZ
1,2,3-Trichlorobenzene	ND		ug/Kg	3.6	0.72	313368	05/07/23	05/07/23	LYZ
Surrogates				**Limits**					
Dibromofluoromethane	101%		%REC	70-145	0.72	313368	05/07/23	05/07/23	LYZ
1,2-Dichloroethane-d4	101%		%REC	70-145	0.72	313368	05/07/23	05/07/23	LYZ
Toluene-d8	114%		%REC	70-145	0.72	313368	05/07/23	05/07/23	LYZ
Bromofluorobenzene	93%		%REC	70-145	0.72	313368	05/07/23	05/07/23	LYZ

Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

Analysis Results for 484669

Sample ID: S-4B-1.0	Lab ID: 484669-016	Collected: 05/04/23 15:18
	Matrix: Soil	

484669-016 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 8260B Prep Method: EPA 5035									
Freon 12	ND		ug/Kg	4.6	0.92	313368	05/07/23	05/07/23	LYZ
Chloromethane	ND		ug/Kg	4.6	0.92	313368	05/07/23	05/07/23	LYZ
Vinyl Chloride	ND		ug/Kg	4.6	0.92	313368	05/07/23	05/07/23	LYZ
Bromomethane	ND		ug/Kg	4.6	0.92	313368	05/07/23	05/07/23	LYZ
Chloroethane	ND		ug/Kg	4.6	0.92	313368	05/07/23	05/07/23	LYZ
Trichlorofluoromethane	ND		ug/Kg	4.6	0.92	313368	05/07/23	05/07/23	LYZ
Acetone	ND		ug/Kg	92	0.92	313368	05/07/23	05/07/23	LYZ
Freon 113	ND		ug/Kg	4.6	0.92	313368	05/07/23	05/07/23	LYZ
1,1-Dichloroethene	ND		ug/Kg	4.6	0.92	313368	05/07/23	05/07/23	LYZ
Methylene Chloride	ND		ug/Kg	4.6	0.92	313368	05/07/23	05/07/23	LYZ
MTBE	ND		ug/Kg	4.6	0.92	313368	05/07/23	05/07/23	LYZ
trans-1,2-Dichloroethene	ND		ug/Kg	4.6	0.92	313368	05/07/23	05/07/23	LYZ
1,1-Dichloroethane	ND		ug/Kg	4.6	0.92	313368	05/07/23	05/07/23	LYZ
2-Butanone	ND		ug/Kg	92	0.92	313368	05/07/23	05/07/23	LYZ
cis-1,2-Dichloroethene	ND		ug/Kg	4.6	0.92	313368	05/07/23	05/07/23	LYZ
2,2-Dichloropropane	ND		ug/Kg	4.6	0.92	313368	05/07/23	05/07/23	LYZ
Chloroform	ND		ug/Kg	4.6	0.92	313368	05/07/23	05/07/23	LYZ
Bromochloromethane	ND		ug/Kg	4.6	0.92	313368	05/07/23	05/07/23	LYZ
1,1,1-Trichloroethane	ND		ug/Kg	4.6	0.92	313368	05/07/23	05/07/23	LYZ
1,1-Dichloropropene	ND		ug/Kg	4.6	0.92	313368	05/07/23	05/07/23	LYZ
Carbon Tetrachloride	ND		ug/Kg	4.6	0.92	313368	05/07/23	05/07/23	LYZ
1,2-Dichloroethane	ND		ug/Kg	4.6	0.92	313368	05/07/23	05/07/23	LYZ
Benzene	ND		ug/Kg	4.6	0.92	313368	05/07/23	05/07/23	LYZ
Trichloroethene	ND		ug/Kg	4.6	0.92	313368	05/07/23	05/07/23	LYZ
1,2-Dichloropropane	ND		ug/Kg	4.6	0.92	313368	05/07/23	05/07/23	LYZ
Bromodichloromethane	ND		ug/Kg	4.6	0.92	313368	05/07/23	05/07/23	LYZ
Dibromomethane	ND		ug/Kg	4.6	0.92	313368	05/07/23	05/07/23	LYZ
4-Methyl-2-Pentanone	ND		ug/Kg	7.5	0.92	313368	05/07/23	05/07/23	LYZ
cis-1,3-Dichloropropene	ND		ug/Kg	4.6	0.92	313368	05/07/23	05/07/23	LYZ
Toluene	ND		ug/Kg	4.6	0.92	313368	05/07/23	05/07/23	LYZ
trans-1,3-Dichloropropene	ND		ug/Kg	4.6	0.92	313368	05/07/23	05/07/23	LYZ
1,1,2-Trichloroethane	ND		ug/Kg	4.6	0.92	313368	05/07/23	05/07/23	LYZ
1,3-Dichloropropane	ND		ug/Kg	4.6	0.92	313368	05/07/23	05/07/23	LYZ
Tetrachloroethene	ND		ug/Kg	4.6	0.92	313368	05/07/23	05/07/23	LYZ
Dibromochloromethane	ND		ug/Kg	4.6	0.92	313368	05/07/23	05/07/23	LYZ
1,2-Dibromoethane	ND		ug/Kg	4.6	0.92	313368	05/07/23	05/07/23	LYZ
Chlorobenzene	ND		ug/Kg	4.6	0.92	313368	05/07/23	05/07/23	LYZ
1,1,1,2-Tetrachloroethane	ND		ug/Kg	4.6	0.92	313368	05/07/23	05/07/23	LYZ
Ethylbenzene	ND		ug/Kg	4.6	0.92	313368	05/07/23	05/07/23	LYZ
m,p-Xylenes	ND		ug/Kg	9.2	0.92	313368	05/07/23	05/07/23	LYZ

Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

Analysis Results for 484669

484669-016 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
o-Xylene	ND		ug/Kg	4.6	0.92	313368	05/07/23	05/07/23	LYZ
Styrene	ND		ug/Kg	4.6	0.92	313368	05/07/23	05/07/23	LYZ
Bromoform	ND		ug/Kg	4.6	0.92	313368	05/07/23	05/07/23	LYZ
Isopropylbenzene	ND		ug/Kg	4.6	0.92	313368	05/07/23	05/07/23	LYZ
1,1,2,2-Tetrachloroethane	ND		ug/Kg	4.6	0.92	313368	05/07/23	05/07/23	LYZ
1,2,3-Trichloropropane	ND		ug/Kg	4.6	0.92	313368	05/07/23	05/07/23	LYZ
Propylbenzene	ND		ug/Kg	4.6	0.92	313368	05/07/23	05/07/23	LYZ
Bromobenzene	ND		ug/Kg	4.6	0.92	313368	05/07/23	05/07/23	LYZ
1,3,5-Trimethylbenzene	ND		ug/Kg	4.6	0.92	313368	05/07/23	05/07/23	LYZ
2-Chlorotoluene	ND		ug/Kg	4.6	0.92	313368	05/07/23	05/07/23	LYZ
4-Chlorotoluene	ND		ug/Kg	4.6	0.92	313368	05/07/23	05/07/23	LYZ
tert-Butylbenzene	ND		ug/Kg	4.6	0.92	313368	05/07/23	05/07/23	LYZ
1,2,4-Trimethylbenzene	ND		ug/Kg	4.6	0.92	313368	05/07/23	05/07/23	LYZ
sec-Butylbenzene	ND		ug/Kg	4.6	0.92	313368	05/07/23	05/07/23	LYZ
para-Isopropyl Toluene	ND		ug/Kg	4.6	0.92	313368	05/07/23	05/07/23	LYZ
1,3-Dichlorobenzene	ND		ug/Kg	4.6	0.92	313368	05/07/23	05/07/23	LYZ
1,4-Dichlorobenzene	ND		ug/Kg	4.6	0.92	313368	05/07/23	05/07/23	LYZ
n-Butylbenzene	ND		ug/Kg	4.6	0.92	313368	05/07/23	05/07/23	LYZ
1,2-Dichlorobenzene	ND		ug/Kg	4.6	0.92	313368	05/07/23	05/07/23	LYZ
1,2-Dibromo-3-Chloropropane	ND		ug/Kg	4.6	0.92	313368	05/07/23	05/07/23	LYZ
1,2,4-Trichlorobenzene	ND		ug/Kg	4.6	0.92	313368	05/07/23	05/07/23	LYZ
Hexachlorobutadiene	ND		ug/Kg	4.6	0.92	313368	05/07/23	05/07/23	LYZ
Naphthalene	ND		ug/Kg	4.6	0.92	313368	05/07/23	05/07/23	LYZ
1,2,3-Trichlorobenzene	ND		ug/Kg	4.6	0.92	313368	05/07/23	05/07/23	LYZ
Surrogates				**Limits**					
Dibromofluoromethane	94%		%REC	70-145	0.92	313368	05/07/23	05/07/23	LYZ
1,2-Dichloroethane-d4	99%		%REC	70-145	0.92	313368	05/07/23	05/07/23	LYZ
Toluene-d8	114%		%REC	70-145	0.92	313368	05/07/23	05/07/23	LYZ
Bromofluorobenzene	98%		%REC	70-145	0.92	313368	05/07/23	05/07/23	LYZ

Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

Analysis Results for 484669

Sample ID: S-4C-1.0	Lab ID: 484669-018	Collected: 05/04/23 14:42
	Matrix: Soil	

484669-018 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 8260B Prep Method: EPA 5035									
Freon 12	ND		ug/Kg	3.4	0.67	313368	05/07/23	05/07/23	LYZ
Chloromethane	ND		ug/Kg	3.4	0.67	313368	05/07/23	05/07/23	LYZ
Vinyl Chloride	ND		ug/Kg	3.4	0.67	313368	05/07/23	05/07/23	LYZ
Bromomethane	ND		ug/Kg	3.4	0.67	313368	05/07/23	05/07/23	LYZ
Chloroethane	ND		ug/Kg	3.4	0.67	313368	05/07/23	05/07/23	LYZ
Trichlorofluoromethane	ND		ug/Kg	3.4	0.67	313368	05/07/23	05/07/23	LYZ
Acetone	ND		ug/Kg	67	0.67	313368	05/07/23	05/07/23	LYZ
Freon 113	ND		ug/Kg	3.4	0.67	313368	05/07/23	05/07/23	LYZ
1,1-Dichloroethene	ND		ug/Kg	3.4	0.67	313368	05/07/23	05/07/23	LYZ
Methylene Chloride	ND		ug/Kg	3.4	0.67	313368	05/07/23	05/07/23	LYZ
MTBE	ND		ug/Kg	3.4	0.67	313368	05/07/23	05/07/23	LYZ
trans-1,2-Dichloroethene	ND		ug/Kg	3.4	0.67	313368	05/07/23	05/07/23	LYZ
1,1-Dichloroethane	ND		ug/Kg	3.4	0.67	313368	05/07/23	05/07/23	LYZ
2-Butanone	ND		ug/Kg	67	0.67	313368	05/07/23	05/07/23	LYZ
cis-1,2-Dichloroethene	ND		ug/Kg	3.4	0.67	313368	05/07/23	05/07/23	LYZ
2,2-Dichloropropane	ND		ug/Kg	3.4	0.67	313368	05/07/23	05/07/23	LYZ
Chloroform	ND		ug/Kg	3.4	0.67	313368	05/07/23	05/07/23	LYZ
Bromochloromethane	ND		ug/Kg	3.4	0.67	313368	05/07/23	05/07/23	LYZ
1,1,1-Trichloroethane	ND		ug/Kg	3.4	0.67	313368	05/07/23	05/07/23	LYZ
1,1-Dichloropropene	ND		ug/Kg	3.4	0.67	313368	05/07/23	05/07/23	LYZ
Carbon Tetrachloride	ND		ug/Kg	3.4	0.67	313368	05/07/23	05/07/23	LYZ
1,2-Dichloroethane	ND		ug/Kg	3.4	0.67	313368	05/07/23	05/07/23	LYZ
Benzene	ND		ug/Kg	3.4	0.67	313368	05/07/23	05/07/23	LYZ
Trichloroethene	ND		ug/Kg	3.4	0.67	313368	05/07/23	05/07/23	LYZ
1,2-Dichloropropane	ND		ug/Kg	3.4	0.67	313368	05/07/23	05/07/23	LYZ
Bromodichloromethane	ND		ug/Kg	3.4	0.67	313368	05/07/23	05/07/23	LYZ
Dibromomethane	ND		ug/Kg	3.4	0.67	313368	05/07/23	05/07/23	LYZ
4-Methyl-2-Pentanone	ND		ug/Kg	5.5	0.67	313368	05/07/23	05/07/23	LYZ
cis-1,3-Dichloropropene	ND		ug/Kg	3.4	0.67	313368	05/07/23	05/07/23	LYZ
Toluene	ND		ug/Kg	3.4	0.67	313368	05/07/23	05/07/23	LYZ
trans-1,3-Dichloropropene	ND		ug/Kg	3.4	0.67	313368	05/07/23	05/07/23	LYZ
1,1,2-Trichloroethane	ND		ug/Kg	3.4	0.67	313368	05/07/23	05/07/23	LYZ
1,3-Dichloropropane	ND		ug/Kg	3.4	0.67	313368	05/07/23	05/07/23	LYZ
Tetrachloroethene	ND		ug/Kg	3.4	0.67	313368	05/07/23	05/07/23	LYZ
Dibromochloromethane	ND		ug/Kg	3.4	0.67	313368	05/07/23	05/07/23	LYZ
1,2-Dibromoethane	ND		ug/Kg	3.4	0.67	313368	05/07/23	05/07/23	LYZ
Chlorobenzene	ND		ug/Kg	3.4	0.67	313368	05/07/23	05/07/23	LYZ
1,1,1,2-Tetrachloroethane	ND		ug/Kg	3.4	0.67	313368	05/07/23	05/07/23	LYZ
Ethylbenzene	ND		ug/Kg	3.4	0.67	313368	05/07/23	05/07/23	LYZ
m,p-Xylenes	ND		ug/Kg	6.7	0.67	313368	05/07/23	05/07/23	LYZ

Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

Analysis Results for 484669

484669-018 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
o-Xylene	ND		ug/Kg	3.4	0.67	313368	05/07/23	05/07/23	LYZ
Styrene	ND		ug/Kg	3.4	0.67	313368	05/07/23	05/07/23	LYZ
Bromoform	ND		ug/Kg	3.4	0.67	313368	05/07/23	05/07/23	LYZ
Isopropylbenzene	ND		ug/Kg	3.4	0.67	313368	05/07/23	05/07/23	LYZ
1,1,2,2-Tetrachloroethane	ND		ug/Kg	3.4	0.67	313368	05/07/23	05/07/23	LYZ
1,2,3-Trichloropropane	ND		ug/Kg	3.4	0.67	313368	05/07/23	05/07/23	LYZ
Propylbenzene	ND		ug/Kg	3.4	0.67	313368	05/07/23	05/07/23	LYZ
Bromobenzene	ND		ug/Kg	3.4	0.67	313368	05/07/23	05/07/23	LYZ
1,3,5-Trimethylbenzene	ND		ug/Kg	3.4	0.67	313368	05/07/23	05/07/23	LYZ
2-Chlorotoluene	ND		ug/Kg	3.4	0.67	313368	05/07/23	05/07/23	LYZ
4-Chlorotoluene	ND		ug/Kg	3.4	0.67	313368	05/07/23	05/07/23	LYZ
tert-Butylbenzene	ND		ug/Kg	3.4	0.67	313368	05/07/23	05/07/23	LYZ
1,2,4-Trimethylbenzene	ND		ug/Kg	3.4	0.67	313368	05/07/23	05/07/23	LYZ
sec-Butylbenzene	ND		ug/Kg	3.4	0.67	313368	05/07/23	05/07/23	LYZ
para-Isopropyl Toluene	ND		ug/Kg	3.4	0.67	313368	05/07/23	05/07/23	LYZ
1,3-Dichlorobenzene	ND		ug/Kg	3.4	0.67	313368	05/07/23	05/07/23	LYZ
1,4-Dichlorobenzene	ND		ug/Kg	3.4	0.67	313368	05/07/23	05/07/23	LYZ
n-Butylbenzene	ND		ug/Kg	3.4	0.67	313368	05/07/23	05/07/23	LYZ
1,2-Dichlorobenzene	ND		ug/Kg	3.4	0.67	313368	05/07/23	05/07/23	LYZ
1,2-Dibromo-3-Chloropropane	ND		ug/Kg	3.4	0.67	313368	05/07/23	05/07/23	LYZ
1,2,4-Trichlorobenzene	ND		ug/Kg	3.4	0.67	313368	05/07/23	05/07/23	LYZ
Hexachlorobutadiene	ND		ug/Kg	3.4	0.67	313368	05/07/23	05/07/23	LYZ
Naphthalene	ND		ug/Kg	3.4	0.67	313368	05/07/23	05/07/23	LYZ
1,2,3-Trichlorobenzene	ND		ug/Kg	3.4	0.67	313368	05/07/23	05/07/23	LYZ
Surrogates				**Limits**					
Dibromofluoromethane	101%		%REC	70-145	0.67	313368	05/07/23	05/07/23	LYZ
1,2-Dichloroethane-d4	103%		%REC	70-145	0.67	313368	05/07/23	05/07/23	LYZ
Toluene-d8	106%		%REC	70-145	0.67	313368	05/07/23	05/07/23	LYZ
Bromofluorobenzene	92%		%REC	70-145	0.67	313368	05/07/23	05/07/23	LYZ

Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

Analysis Results for 484669

Sample ID: S-4D-1.0	Lab ID: 484669-020	Collected: 05/04/23 15:08
	Matrix: Soil	

484669-020 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 8260B Prep Method: EPA 5035									
Freon 12	ND		ug/Kg	3.8	0.76	313472	05/09/23	05/09/23	HMN
Chloromethane	ND		ug/Kg	3.8	0.76	313472	05/09/23	05/09/23	HMN
Vinyl Chloride	ND		ug/Kg	3.8	0.76	313472	05/09/23	05/09/23	HMN
Bromomethane	ND		ug/Kg	3.8	0.76	313472	05/09/23	05/09/23	HMN
Chloroethane	ND		ug/Kg	3.8	0.76	313472	05/09/23	05/09/23	HMN
Trichlorofluoromethane	ND		ug/Kg	3.8	0.76	313472	05/09/23	05/09/23	HMN
Acetone	ND		ug/Kg	76	0.76	313472	05/09/23	05/09/23	HMN
Freon 113	ND		ug/Kg	3.8	0.76	313472	05/09/23	05/09/23	HMN
1,1-Dichloroethene	ND		ug/Kg	3.8	0.76	313472	05/09/23	05/09/23	HMN
Methylene Chloride	ND		ug/Kg	3.8	0.76	313472	05/09/23	05/09/23	HMN
MTBE	ND		ug/Kg	3.8	0.76	313472	05/09/23	05/09/23	HMN
trans-1,2-Dichloroethene	ND		ug/Kg	3.8	0.76	313472	05/09/23	05/09/23	HMN
1,1-Dichloroethane	ND		ug/Kg	3.8	0.76	313472	05/09/23	05/09/23	HMN
2-Butanone	ND		ug/Kg	76	0.76	313472	05/09/23	05/09/23	HMN
cis-1,2-Dichloroethene	ND		ug/Kg	3.8	0.76	313472	05/09/23	05/09/23	HMN
2,2-Dichloropropane	ND		ug/Kg	3.8	0.76	313472	05/09/23	05/09/23	HMN
Chloroform	ND		ug/Kg	3.8	0.76	313472	05/09/23	05/09/23	HMN
Bromochloromethane	ND		ug/Kg	3.8	0.76	313472	05/09/23	05/09/23	HMN
1,1,1-Trichloroethane	ND		ug/Kg	3.8	0.76	313472	05/09/23	05/09/23	HMN
1,1-Dichloropropene	ND		ug/Kg	3.8	0.76	313472	05/09/23	05/09/23	HMN
Carbon Tetrachloride	ND		ug/Kg	3.8	0.76	313472	05/09/23	05/09/23	HMN
1,2-Dichloroethane	ND		ug/Kg	3.8	0.76	313472	05/09/23	05/09/23	HMN
Benzene	ND		ug/Kg	3.8	0.76	313472	05/09/23	05/09/23	HMN
Trichloroethene	ND		ug/Kg	3.8	0.76	313472	05/09/23	05/09/23	HMN
1,2-Dichloropropane	ND		ug/Kg	3.8	0.76	313472	05/09/23	05/09/23	HMN
Bromodichloromethane	ND		ug/Kg	3.8	0.76	313472	05/09/23	05/09/23	HMN
Dibromomethane	ND		ug/Kg	3.8	0.76	313472	05/09/23	05/09/23	HMN
4-Methyl-2-Pentanone	ND		ug/Kg	3.8	0.76	313472	05/09/23	05/09/23	HMN
cis-1,3-Dichloropropene	ND		ug/Kg	3.8	0.76	313472	05/09/23	05/09/23	HMN
Toluene	ND		ug/Kg	3.8	0.76	313472	05/09/23	05/09/23	HMN
trans-1,3-Dichloropropene	ND		ug/Kg	3.8	0.76	313472	05/09/23	05/09/23	HMN
1,1,2-Trichloroethane	ND		ug/Kg	3.8	0.76	313472	05/09/23	05/09/23	HMN
1,3-Dichloropropane	ND		ug/Kg	3.8	0.76	313472	05/09/23	05/09/23	HMN
Tetrachloroethene	ND		ug/Kg	3.8	0.76	313472	05/09/23	05/09/23	HMN
Dibromochloromethane	ND		ug/Kg	3.8	0.76	313472	05/09/23	05/09/23	HMN
1,2-Dibromoethane	ND		ug/Kg	3.8	0.76	313472	05/09/23	05/09/23	HMN
Chlorobenzene	ND		ug/Kg	3.8	0.76	313472	05/09/23	05/09/23	HMN
1,1,1,2-Tetrachloroethane	ND		ug/Kg	3.8	0.76	313472	05/09/23	05/09/23	HMN
Ethylbenzene	ND		ug/Kg	3.8	0.76	313472	05/09/23	05/09/23	HMN
m,p-Xylenes	ND		ug/Kg	7.6	0.76	313472	05/09/23	05/09/23	HMN

Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

Analysis Results for 484669

484669-020 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
o-Xylene	ND		ug/Kg	3.8	0.76	313472	05/09/23	05/09/23	HMN
Styrene	ND		ug/Kg	3.8	0.76	313472	05/09/23	05/09/23	HMN
Bromoform	ND		ug/Kg	3.8	0.76	313472	05/09/23	05/09/23	HMN
Isopropylbenzene	ND		ug/Kg	3.8	0.76	313472	05/09/23	05/09/23	HMN
1,1,2,2-Tetrachloroethane	ND		ug/Kg	3.8	0.76	313472	05/09/23	05/09/23	HMN
1,2,3-Trichloropropane	ND		ug/Kg	3.8	0.76	313472	05/09/23	05/09/23	HMN
Propylbenzene	ND		ug/Kg	3.8	0.76	313472	05/09/23	05/09/23	HMN
Bromobenzene	ND		ug/Kg	3.8	0.76	313472	05/09/23	05/09/23	HMN
1,3,5-Trimethylbenzene	ND		ug/Kg	3.8	0.76	313472	05/09/23	05/09/23	HMN
2-Chlorotoluene	ND		ug/Kg	3.8	0.76	313472	05/09/23	05/09/23	HMN
4-Chlorotoluene	ND		ug/Kg	3.8	0.76	313472	05/09/23	05/09/23	HMN
tert-Butylbenzene	ND		ug/Kg	3.8	0.76	313472	05/09/23	05/09/23	HMN
1,2,4-Trimethylbenzene	ND		ug/Kg	3.8	0.76	313472	05/09/23	05/09/23	HMN
sec-Butylbenzene	ND		ug/Kg	3.8	0.76	313472	05/09/23	05/09/23	HMN
para-Isopropyl Toluene	ND		ug/Kg	3.8	0.76	313472	05/09/23	05/09/23	HMN
1,3-Dichlorobenzene	ND		ug/Kg	3.8	0.76	313472	05/09/23	05/09/23	HMN
1,4-Dichlorobenzene	ND		ug/Kg	3.8	0.76	313472	05/09/23	05/09/23	HMN
n-Butylbenzene	ND		ug/Kg	3.8	0.76	313472	05/09/23	05/09/23	HMN
1,2-Dichlorobenzene	ND		ug/Kg	3.8	0.76	313472	05/09/23	05/09/23	HMN
1,2-Dibromo-3-Chloropropane	ND		ug/Kg	3.8	0.76	313472	05/09/23	05/09/23	HMN
1,2,4-Trichlorobenzene	ND		ug/Kg	3.8	0.76	313472	05/09/23	05/09/23	HMN
Hexachlorobutadiene	ND		ug/Kg	3.8	0.76	313472	05/09/23	05/09/23	HMN
Naphthalene	ND		ug/Kg	3.8	0.76	313472	05/09/23	05/09/23	HMN
1,2,3-Trichlorobenzene	ND		ug/Kg	3.8	0.76	313472	05/09/23	05/09/23	HMN
Surrogates				**Limits**					
Dibromofluoromethane	95%		%REC	70-145	0.76	313472	05/09/23	05/09/23	HMN
1,2-Dichloroethane-d4	98%		%REC	70-145	0.76	313472	05/09/23	05/09/23	HMN
Toluene-d8	99%		%REC	70-145	0.76	313472	05/09/23	05/09/23	HMN
Bromofluorobenzene	103%		%REC	70-145	0.76	313472	05/09/23	05/09/23	HMN

DO Diluted Out
H Holding time was exceeded
ND Not Detected

Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

Batch QC

Type: Blank	**Lab ID: QC1064167**	**Batch: 313453**
Matrix: Soil	**Method: EPA 6010B**	**Prep Method: EPA 3050B**

QC1064167 Analyte	Result	Qual	Units	RL	Prepared	Analyzed
Antimony	ND		mg/Kg	3.0	05/09/23	05/09/23
Arsenic	ND		mg/Kg	1.0	05/09/23	05/09/23
Barium	ND		mg/Kg	1.0	05/09/23	05/09/23
Beryllium	ND		mg/Kg	0.50	05/09/23	05/09/23
Cadmium	ND		mg/Kg	0.50	05/09/23	05/09/23
Chromium	ND		mg/Kg	1.0	05/09/23	05/09/23
Cobalt	ND		mg/Kg	0.50	05/09/23	05/09/23
Copper	ND		mg/Kg	1.0	05/09/23	05/10/23
Lead	ND		mg/Kg	1.0	05/09/23	05/09/23
Molybdenum	ND		mg/Kg	1.0	05/09/23	05/09/23
Nickel	ND		mg/Kg	1.0	05/09/23	05/09/23
Selenium	ND		mg/Kg	3.0	05/09/23	05/09/23
Silver	ND		mg/Kg	0.50	05/09/23	05/09/23
Thallium	ND		mg/Kg	3.0	05/09/23	05/09/23
Vanadium	ND		mg/Kg	1.0	05/09/23	05/09/23
Zinc	ND		mg/Kg	5.0	05/09/23	05/09/23

Type: Lab Control Sample	**Lab ID: QC1064173**	**Batch: 313453**
Matrix: Soil	**Method: EPA 6010B**	**Prep Method: EPA 3050B**

QC1064173 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Antimony	95.46	100.0	mg/Kg	95%		80-120
Arsenic	95.30	100.0	mg/Kg	95%		80-120
Barium	104.1	100.0	mg/Kg	104%		80-120
Beryllium	106.6	100.0	mg/Kg	107%		80-120
Cadmium	102.9	100.0	mg/Kg	103%		80-120
Chromium	105.1	100.0	mg/Kg	105%		80-120
Cobalt	103.7	100.0	mg/Kg	104%		80-120
Copper	101.1	100.0	mg/Kg	101%		80-120
Lead	97.76	100.0	mg/Kg	98%		80-120
Molybdenum	98.78	100.0	mg/Kg	99%		80-120
Nickel	101.3	100.0	mg/Kg	101%		80-120
Selenium	92.67	100.0	mg/Kg	93%		80-120
Silver	48.05	50.00	mg/Kg	96%		80-120
Thallium	99.50	100.0	mg/Kg	100%		80-120
Vanadium	100.5	100.0	mg/Kg	100%		80-120
Zinc	103.5	100.0	mg/Kg	103%		80-120

ENTHALPY ANALYTICAL

Batch QC

Type:	Matrix Spike	Lab ID:	QC1064174	Batch:	313453
Matrix (Source ID):	Soil (484674-001)	Method:	EPA 6010B	Prep Method:	EPA 3050B

QC1064174 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Antimony	29.84	ND	98.04	mg/Kg	30%	*	75-125	0.98
Arsenic	96.41	3.409	98.04	mg/Kg	95%		75-125	0.98
Barium	486.7	143.2	98.04	mg/Kg	350%	*	75-125	0.98
Beryllium	101.0	0.2613	98.04	mg/Kg	103%	b	75-125	0.98
Cadmium	99.93	ND	98.04	mg/Kg	102%		75-125	0.98
Chromium	186.6	109.3	98.04	mg/Kg	79%		75-125	0.98
Cobalt	121.5	22.67	98.04	mg/Kg	101%		75-125	0.98
Copper	169.8	79.97	98.04	mg/Kg	92%		75-125	0.98
Lead	111.4	10.98	98.04	mg/Kg	102%		75-125	0.98
Molybdenum	93.16	1.882	98.04	mg/Kg	93%		75-125	0.98
Nickel	203.9	199.3	98.04	mg/Kg	5%	*	75-125	0.98
Selenium	88.99	0.6189	98.04	mg/Kg	90%		75-125	0.98
Silver	49.59	ND	49.02	mg/Kg	101%		75-125	0.98
Thallium	91.98	ND	98.04	mg/Kg	94%		75-125	0.98
Vanadium	150.7	45.67	98.04	mg/Kg	107%		75-125	0.98
Zinc	148.7	59.39	98.04	mg/Kg	91%		75-125	0.98

Type:	Matrix Spike Duplicate	Lab ID:	QC1064175	Batch:	313453
Matrix (Source ID):	Soil (484674-001)	Method:	EPA 6010B	Prep Method:	EPA 3050B

QC1064175 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
Antimony	32.97	ND	99.01	mg/Kg	33%	*	75-125	9	41	0.99
Arsenic	103.9	3.409	99.01	mg/Kg	101%		75-125	6	35	0.99
Barium	290.0	143.2	99.01	mg/Kg	148%	*	75-125	51*	20	0.99
Beryllium	109.0	0.2613	99.01	mg/Kg	110%	b	75-125	7	20	0.99
Cadmium	105.0	ND	99.01	mg/Kg	106%		75-125	4	20	0.99
Chromium	194.4	109.3	99.01	mg/Kg	86%		75-125	4	20	0.99
Cobalt	127.6	22.67	99.01	mg/Kg	106%		75-125	4	20	0.99
Copper	175.1	79.97	99.01	mg/Kg	96%		75-125	3	20	0.99
Lead	116.3	10.98	99.01	mg/Kg	106%		75-125	3	20	0.99
Molybdenum	100.6	1.882	99.01	mg/Kg	100%		75-125	7	20	0.99
Nickel	212.0	199.3	99.01	mg/Kg	13%	*	75-125	4	20	0.99
Selenium	91.87	0.6189	99.01	mg/Kg	92%		75-125	2	20	0.99
Silver	52.74	ND	49.50	mg/Kg	107%		75-125	5	20	0.99
Thallium	97.51	ND	99.01	mg/Kg	98%		75-125	5	20	0.99
Vanadium	163.2	45.67	99.01	mg/Kg	119%		75-125	7	20	0.99
Zinc	157.7	59.39	99.01	mg/Kg	99%		75-125	5	20	0.99

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Batch QC

Type: Blank	Lab ID: QC1064270	Batch: 313481
Matrix: Soil	Method: EPA 7471A	Prep Method: METHOD

QC1064270 Analyte	Result	Qual	Units	RL	Prepared	Analyzed
Mercury	ND		mg/Kg	0.14	05/09/23	05/09/23

Type: Lab Control Sample	Lab ID: QC1064271	Batch: 313481
Matrix: Soil	Method: EPA 7471A	Prep Method: METHOD

QC1064271 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Mercury	0.7818	0.8333	mg/Kg	94%		80-120

Type: Matrix Spike	Lab ID: QC1064272	Batch: 313481
Matrix (Source ID): Soil (484674-001)	Method: EPA 7471A	Prep Method: METHOD

QC1064272 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Mercury	1.122	0.2251	0.9615	mg/Kg	93%		75-125	1.2

Type: Matrix Spike Duplicate	Lab ID: QC1064273	Batch: 313481
Matrix (Source ID): Soil (484674-001)	Method: EPA 7471A	Prep Method: METHOD

QC1064273 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
Mercury	1.068	0.2251	0.8929	mg/Kg	94%		75-125	1	20	1.1

Type: Blank	Lab ID: QC1063727	Batch: 313344
Matrix: Water	Method: EPA 8015B	Prep Method: EPA 3510C

QC1063727 Analyte	Result	Qual	Units	RL	Prepared	Analyzed
Diesel C10-C28	ND		ug/L	100	05/06/23	05/10/23
ORO C28-C44	ND		mg/L	0.30	05/06/23	05/10/23
Surrogates				**Limits**		
n-Triacontane	55%		%REC	35-130	05/06/23	05/10/23

Type: Lab Control Sample	Lab ID: QC1063911	Batch: 313344
Matrix: Water	Method: EPA 8015B	Prep Method: EPA 3510C

QC1063911 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Diesel C10-C28	631.7	1000	ug/L	63%		42-120
Surrogates						
n-Triacontane	11.88	20.00	ug/L	59%		35-130

ENTHALPY ANALYTICAL

Batch QC

Type: Lab Control Sample Duplicate	**Lab ID:** QC1063912	**Batch:** 313344
Matrix: Water	**Method:** EPA 8015B	**Prep Method:** EPA 3510C

QC1063912 Analyte	Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim
Diesel C10-C28	640.7	1000	ug/L	64%		42-120	1	36
Surrogates								
n-Triacontane	11.25	20.00	ug/L	56%		35-130		

Type: Lab Control Sample	**Lab ID:** QC1065013	**Batch:** 313718
Matrix: Water	**Method:** EPA 8015B	**Prep Method:** EPA 5030B

QC1065013 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
TPH Gasoline	489.4	500.0	ug/L	98%		70-130
Surrogates						
Bromofluorobenzene (FID)	175.7	200.0	ug/L	88%		60-140

Type: Matrix Spike	**Lab ID:** QC1065014	**Batch:** 313718
Matrix (Source ID): Water (485127-001)	**Method:** EPA 8015B	**Prep Method:** EPA 5030B

QC1065014 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
TPH Gasoline	606.9	30.14	500.0	ug/L	115%		70-130	1
Surrogates								
Bromofluorobenzene (FID)	233.6		200.0	ug/L	117%		60-140	1

Type: Matrix Spike Duplicate	**Lab ID:** QC1065015	**Batch:** 313718
Matrix (Source ID): Water (485127-001)	**Method:** EPA 8015B	**Prep Method:** EPA 5030B

QC1065015 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
TPH Gasoline	605.7	30.14	500.0	ug/L	115%		70-130	0	30	1
Surrogates										
Bromofluorobenzene (FID)	228.8		200.0	ug/L	114%		60-140			1

Type: Blank	**Lab ID:** QC1065016	**Batch:** 313718
Matrix: Water	**Method:** EPA 8015B	**Prep Method:** EPA 5030B

QC1065016 Analyte	Result	Qual	Units	RL	Prepared	Analyzed
TPH Gasoline	ND		ug/L	50	05/11/23	05/11/23
Surrogates				**Limits**		
Bromofluorobenzene (FID)	91%		%REC	60-140	05/11/23	05/11/23

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Batch QC

Type: Lab Control Sample	Lab ID: QC1064839	Batch: 313667
Matrix: Soil	Method: EPA 8015B	Prep Method: EPA 5035

QC1064839 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
TPH Gasoline	4.891	5.000	mg/Kg	98%		70-130
Surrogates						
Bromofluorobenzene (FID)	0.2171	0.2000	mg/Kg	109%		60-140

Type: Lab Control Sample Duplicate	Lab ID: QC1064840	Batch: 313667
Matrix: Soil	Method: EPA 8015B	Prep Method: EPA 5035

QC1064840 Analyte	Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim
TPH Gasoline	4.957	5.000	mg/Kg	99%		70-130	1	20
Surrogates								
Bromofluorobenzene (FID)	0.2176	0.2000	mg/Kg	109%		60-140		

Type: Blank	Lab ID: QC1064841	Batch: 313667
Matrix: Soil	Method: EPA 8015B	Prep Method: EPA 5035

QC1064841 Analyte	Result	Qual	Units	RL	Prepared	Analyzed
TPH Gasoline	ND		mg/Kg	75	05/10/23	05/10/23
Surrogates				**Limits**		
Bromofluorobenzene (FID)	81%		%REC	60-140	05/10/23	05/10/23

Type: Blank	Lab ID: QC1064842	Batch: 313667
Matrix: Soil	Method: EPA 8015B	Prep Method: EPA 5035

QC1064842 Analyte	Result	Qual	Units	RL	Prepared	Analyzed
TPH Gasoline	ND		mg/Kg	3.0	05/10/23	05/10/23
Surrogates				**Limits**		
Bromofluorobenzene (FID)	83%		%REC	60-140	05/10/23	05/10/23

Type: Blank	Lab ID: QC1064435	Batch: 313536
Matrix: Soil	Method: EPA 8015M	Prep Method: EPA 3580M

QC1064435 Analyte	Result	Qual	Units	RL	Prepared	Analyzed
DRO C10-C28	ND		mg/Kg	10	05/09/23	05/11/23
ORO C28-C44	ND		mg/Kg	20	05/09/23	05/11/23
Surrogates				**Limits**		
n-Triacontane	97%		%REC	70-130	05/09/23	05/11/23

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Batch QC

Type: Lab Control Sample	Lab ID: QC1064436	Batch: 313536
Matrix: Soil	Method: EPA 8015M	Prep Method: EPA 3580M

QC1064436 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Diesel C10-C28	261.8	247.9	mg/Kg	106%		76-122
Surrogates						
n-Triacontane	9.389	9.916	mg/Kg	95%		70-130

Type: Matrix Spike	Lab ID: QC1064437	Batch: 313536
Matrix (Source ID): Soil (484669-002)	Method: EPA 8015M	Prep Method: EPA 3580M

QC1064437 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Diesel C10-C28	423.9	215.0	248.9	mg/Kg	84%		62-126	5
Surrogates								
n-Triacontane	7.629		9.955	mg/Kg		DO	70-130	5

Type: Matrix Spike Duplicate	Lab ID: QC1064438	Batch: 313536
Matrix (Source ID): Soil (484669-002)	Method: EPA 8015M	Prep Method: EPA 3580M

QC1064438 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
Diesel C10-C28	397.6	215.0	249.5	mg/Kg	73%		62-126	7	35	5
Surrogates										
n-Triacontane	8.066		9.980	mg/Kg		DO	70-130			5

Type: Lab Control Sample	Lab ID: QC1064191	Batch: 313458
Matrix: Water	Method: EPA 8260B	Prep Method: EPA 5030B

QC1064191 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
1,1-Dichloroethene	56.13	50.00	ug/L	112%		70-135
MTBE	53.50	50.00	ug/L	107%		70-130
Benzene	46.42	50.00	ug/L	93%		70-130
Trichloroethene	48.60	50.00	ug/L	97%		70-130
Toluene	46.80	50.00	ug/L	94%		70-130
Chlorobenzene	48.92	50.00	ug/L	98%		70-130
Surrogates						
Dibromofluoromethane	60.24	50.00	ug/L	120%		70-130
1,2-Dichloroethane-d4	62.25	50.00	ug/L	124%		70-130
Toluene-d8	50.34	50.00	ug/L	101%		70-130
Bromofluorobenzene	50.69	50.00	ug/L	101%		70-130

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Batch QC

Type:	**Lab Control Sample Duplicate**	**Lab ID:**	**QC1064192**	**Batch:**	**313458**
Matrix:	**Water**	**Method:**	**EPA 8260B**	**Prep Method:**	**EPA 5030B**

QC1064192 Analyte	Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim
1,1-Dichloroethene	58.19	50.00	ug/L	116%		70-135	4	30
MTBE	56.64	50.00	ug/L	113%		70-130	6	30
Benzene	47.64	50.00	ug/L	95%		70-130	3	30
Trichloroethene	48.43	50.00	ug/L	97%		70-130	0	30
Toluene	45.79	50.00	ug/L	92%		70-130	2	30
Chlorobenzene	47.98	50.00	ug/L	96%		70-130	2	30
Surrogates								
Dibromofluoromethane	61.53	50.00	ug/L	123%		70-130		
1,2-Dichloroethane-d4	64.06	50.00	ug/L	128%		70-130		
Toluene-d8	48.61	50.00	ug/L	97%		70-130		
Bromofluorobenzene	50.38	50.00	ug/L	101%		70-130		

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Batch QC

Type:	**Blank**	**Lab ID:**	**QC1064195**	**Batch:**	**313458**
Matrix:	**Water**	**Method:**	**EPA 8260B**	**Prep Method:**	**EPA 5030B**

QC1064195 Analyte	Result	Qual	Units	RL	Prepared	Analyzed
Freon 12	ND		ug/L	0.5	05/09/23	05/09/23
Chloromethane	ND		ug/L	0.5	05/09/23	05/09/23
Vinyl Chloride	ND		ug/L	0.5	05/09/23	05/09/23
Bromomethane	ND		ug/L	1.0	05/09/23	05/09/23
Chloroethane	ND		ug/L	0.5	05/09/23	05/09/23
Trichlorofluoromethane	ND		ug/L	0.5	05/09/23	05/09/23
Acetone	ND		ug/L	20	05/09/23	05/09/23
Freon 113	ND		ug/L	0.5	05/09/23	05/09/23
1,1-Dichloroethene	ND		ug/L	0.5	05/09/23	05/09/23
Methylene Chloride	ND		ug/L	10	05/09/23	05/09/23
MTBE	ND		ug/L	0.5	05/09/23	05/09/23
trans-1,2-Dichloroethene	ND		ug/L	0.5	05/09/23	05/09/23
1,1-Dichloroethane	ND		ug/L	0.5	05/09/23	05/09/23
2-Butanone	ND		ug/L	5.0	05/09/23	05/09/23
cis-1,2-Dichloroethene	ND		ug/L	0.5	05/09/23	05/09/23
2,2-Dichloropropane	ND		ug/L	0.5	05/09/23	05/09/23
Chloroform	ND		ug/L	0.5	05/09/23	05/09/23
Bromochloromethane	ND		ug/L	0.5	05/09/23	05/09/23
1,1,1-Trichloroethane	ND		ug/L	0.5	05/09/23	05/09/23
1,1-Dichloropropene	ND		ug/L	0.5	05/09/23	05/09/23
Carbon Tetrachloride	ND		ug/L	0.5	05/09/23	05/09/23
1,2-Dichloroethane	ND		ug/L	0.5	05/09/23	05/09/23
Benzene	ND		ug/L	0.5	05/09/23	05/09/23
Trichloroethene	ND		ug/L	0.5	05/09/23	05/09/23
1,2-Dichloropropane	ND		ug/L	0.5	05/09/23	05/09/23
Bromodichloromethane	ND		ug/L	0.5	05/09/23	05/09/23
Dibromomethane	ND		ug/L	0.5	05/09/23	05/09/23
4-Methyl-2-Pentanone	ND		ug/L	5.0	05/09/23	05/09/23
cis-1,3-Dichloropropene	ND		ug/L	0.5	05/09/23	05/09/23
Toluene	ND		ug/L	0.5	05/09/23	05/09/23
trans-1,3-Dichloropropene	ND		ug/L	0.5	05/09/23	05/09/23
1,1,2-Trichloroethane	ND		ug/L	0.5	05/09/23	05/09/23
1,3-Dichloropropane	ND		ug/L	0.5	05/09/23	05/09/23
Tetrachloroethene	ND		ug/L	0.5	05/09/23	05/09/23
Dibromochloromethane	ND		ug/L	0.5	05/09/23	05/09/23
1,2-Dibromoethane	ND		ug/L	0.5	05/09/23	05/09/23
Chlorobenzene	ND		ug/L	0.5	05/09/23	05/09/23
1,1,1,2-Tetrachloroethane	ND		ug/L	0.5	05/09/23	05/09/23
Ethylbenzene	ND		ug/L	0.5	05/09/23	05/09/23
m,p-Xylenes	ND		ug/L	1.0	05/09/23	05/09/23
o-Xylene	ND		ug/L	0.5	05/09/23	05/09/23
Styrene	ND		ug/L	0.5	05/09/23	05/09/23

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Batch QC

QC1064195 Analyte	Result	Qual	Units	RL	Prepared	Analyzed
Bromoform	ND		ug/L	1.0	05/09/23	05/09/23
Propylbenzene	ND		ug/L	0.5	05/09/23	05/09/23
Isopropylbenzene	ND		ug/L	0.5	05/09/23	05/09/23
1,1,2,2-Tetrachloroethane	ND		ug/L	0.5	05/09/23	05/09/23
1,2,3-Trichloropropane	ND		ug/L	0.5	05/09/23	05/09/23
Bromobenzene	ND		ug/L	1.0	05/09/23	05/09/23
1,3,5-Trimethylbenzene	ND		ug/L	0.5	05/09/23	05/09/23
2-Chlorotoluene	ND		ug/L	0.5	05/09/23	05/09/23
4-Chlorotoluene	ND		ug/L	0.5	05/09/23	05/09/23
tert-Butylbenzene	ND		ug/L	0.5	05/09/23	05/09/23
1,2,4-Trimethylbenzene	ND		ug/L	0.5	05/09/23	05/09/23
sec-Butylbenzene	ND		ug/L	0.5	05/09/23	05/09/23
para-Isopropyl Toluene	ND		ug/L	0.5	05/09/23	05/09/23
1,3-Dichlorobenzene	ND		ug/L	0.5	05/09/23	05/09/23
1,4-Dichlorobenzene	ND		ug/L	0.5	05/09/23	05/09/23
n-Butylbenzene	ND		ug/L	0.5	05/09/23	05/09/23
1,2-Dichlorobenzene	ND		ug/L	0.5	05/09/23	05/09/23
1,2-Dibromo-3-Chloropropane	ND		ug/L	2.0	05/09/23	05/09/23
1,2,4-Trichlorobenzene	ND		ug/L	0.5	05/09/23	05/09/23
Hexachlorobutadiene	ND		ug/L	2.0	05/09/23	05/09/23
Naphthalene	ND		ug/L	2.0	05/09/23	05/09/23
1,2,3-Trichlorobenzene	ND		ug/L	0.5	05/09/23	05/09/23
Isopropyl Ether (DIPE)	ND		ug/L	0.5	05/09/23	05/09/23
Ethyl tert-Butyl Ether (ETBE)	ND		ug/L	0.5	05/09/23	05/09/23
tert-Butyl Alcohol (TBA)	ND		ug/L	10	05/09/23	05/09/23
Methyl tert-Amyl Ether (TAME)	ND		ug/L	0.5	05/09/23	05/09/23
Surrogates				**Limits**		
Dibromofluoromethane	121%		%REC	70-130	05/09/23	05/09/23
1,2-Dichloroethane-d4	125%		%REC	70-130	05/09/23	05/09/23
Toluene-d8	100%		%REC	70-130	05/09/23	05/09/23
Bromofluorobenzene	105%		%REC	70-130	05/09/23	05/09/23

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Batch QC

Type: Lab Control Sample	**Lab ID:** QC1064887	**Batch:** 313686
Matrix: Water	**Method:** EPA 8260B	**Prep Method:** EPA 5030B

QC1064887 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
1,1-Dichloroethene	54.00	50.00	ug/L	108%		70-135
MTBE	48.14	50.00	ug/L	96%		70-130
Benzene	51.56	50.00	ug/L	103%		70-130
Trichloroethene	61.54	50.00	ug/L	123%		70-130
Toluene	50.62	50.00	ug/L	101%		70-130
Chlorobenzene	57.51	50.00	ug/L	115%		70-130
Surrogates						
Dibromofluoromethane	51.54	50.00	ug/L	103%		70-130
1,2-Dichloroethane-d4	49.35	50.00	ug/L	99%		70-130
Toluene-d8	47.05	50.00	ug/L	94%		70-130
Bromofluorobenzene	45.29	50.00	ug/L	91%		70-130

Type: Lab Control Sample Duplicate	**Lab ID:** QC1064888	**Batch:** 313686
Matrix: Water	**Method:** EPA 8260B	**Prep Method:** EPA 5030B

QC1064888 Analyte	Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim
1,1-Dichloroethene	51.58	50.00	ug/L	103%		70-135	5	30
MTBE	47.28	50.00	ug/L	95%		70-130	2	30
Benzene	49.67	50.00	ug/L	99%		70-130	4	30
Trichloroethene	58.60	50.00	ug/L	117%		70-130	5	30
Toluene	49.03	50.00	ug/L	98%		70-130	3	30
Chlorobenzene	53.67	50.00	ug/L	107%		70-130	7	30
Surrogates								
Dibromofluoromethane	50.08	50.00	ug/L	100%		70-130		
1,2-Dichloroethane-d4	46.65	50.00	ug/L	93%		70-130		
Toluene-d8	50.11	50.00	ug/L	100%		70-130		
Bromofluorobenzene	45.22	50.00	ug/L	90%		70-130		

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Batch QC

Type:	**Blank**	**Lab ID:**	**QC1064892**	**Batch:**	**313686**
Matrix:	**Water**	**Method:**	**EPA 8260B**	**Prep Method:**	**EPA 5030B**

QC1064892 Analyte	Result	Qual	Units	RL	Prepared	Analyzed
Freon 12	ND		ug/L	0.5	05/10/23	05/10/23
Chloromethane	ND		ug/L	0.5	05/10/23	05/10/23
Vinyl Chloride	ND		ug/L	0.5	05/10/23	05/10/23
Bromomethane	ND		ug/L	1.0	05/10/23	05/10/23
Chloroethane	ND		ug/L	0.5	05/10/23	05/10/23
Trichlorofluoromethane	ND		ug/L	0.5	05/10/23	05/10/23
Acetone	ND		ug/L	20	05/10/23	05/10/23
Freon 113	ND		ug/L	0.5	05/10/23	05/10/23
1,1-Dichloroethene	ND		ug/L	0.5	05/10/23	05/10/23
Methylene Chloride	ND		ug/L	10	05/10/23	05/10/23
MTBE	ND		ug/L	0.5	05/10/23	05/10/23
trans-1,2-Dichloroethene	ND		ug/L	0.5	05/10/23	05/10/23
1,1-Dichloroethane	ND		ug/L	0.5	05/10/23	05/10/23
2-Butanone	ND		ug/L	5.0	05/10/23	05/10/23
cis-1,2-Dichloroethene	ND		ug/L	0.5	05/10/23	05/10/23
2,2-Dichloropropane	ND		ug/L	0.5	05/10/23	05/10/23
Chloroform	ND		ug/L	0.5	05/10/23	05/10/23
Bromochloromethane	ND		ug/L	0.5	05/10/23	05/10/23
1,1,1-Trichloroethane	ND		ug/L	0.5	05/10/23	05/10/23
1,1-Dichloropropene	ND		ug/L	0.5	05/10/23	05/10/23
Carbon Tetrachloride	ND		ug/L	0.5	05/10/23	05/10/23
1,2-Dichloroethane	ND		ug/L	0.5	05/10/23	05/10/23
Benzene	ND		ug/L	0.5	05/10/23	05/10/23
Trichloroethene	ND		ug/L	0.5	05/10/23	05/10/23
1,2-Dichloropropane	ND		ug/L	0.5	05/10/23	05/10/23
Bromodichloromethane	ND		ug/L	0.5	05/10/23	05/10/23
Dibromomethane	ND		ug/L	0.5	05/10/23	05/10/23
4-Methyl-2-Pentanone	ND		ug/L	5.0	05/10/23	05/10/23
cis-1,3-Dichloropropene	ND		ug/L	0.5	05/10/23	05/10/23
Toluene	ND		ug/L	0.5	05/10/23	05/10/23
trans-1,3-Dichloropropene	ND		ug/L	0.5	05/10/23	05/10/23
1,1,2-Trichloroethane	ND		ug/L	0.5	05/10/23	05/10/23
1,3-Dichloropropane	ND		ug/L	0.5	05/10/23	05/10/23
Tetrachloroethene	ND		ug/L	0.5	05/10/23	05/10/23
Dibromochloromethane	ND		ug/L	0.5	05/10/23	05/10/23
1,2-Dibromoethane	ND		ug/L	0.5	05/10/23	05/10/23
Chlorobenzene	ND		ug/L	0.5	05/10/23	05/10/23
1,1,1,2-Tetrachloroethane	ND		ug/L	0.5	05/10/23	05/10/23
Ethylbenzene	ND		ug/L	0.5	05/10/23	05/10/23
m,p-Xylenes	ND		ug/L	1.0	05/10/23	05/10/23
o-Xylene	ND		ug/L	0.5	05/10/23	05/10/23
Styrene	ND		ug/L	0.5	05/10/23	05/10/23

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Batch QC

QC1064892 Analyte	Result	Qual	Units	RL	Prepared	Analyzed
Bromoform	ND		ug/L	1.0	05/10/23	05/10/23
Propylbenzene	ND		ug/L	0.5	05/10/23	05/10/23
Isopropylbenzene	ND		ug/L	0.5	05/10/23	05/10/23
1,1,2,2-Tetrachloroethane	ND		ug/L	0.5	05/10/23	05/10/23
1,2,3-Trichloropropane	ND		ug/L	1.0	05/10/23	05/10/23
Bromobenzene	ND		ug/L	1.0	05/10/23	05/10/23
1,3,5-Trimethylbenzene	ND		ug/L	0.5	05/10/23	05/10/23
2-Chlorotoluene	ND		ug/L	0.5	05/10/23	05/10/23
4-Chlorotoluene	ND		ug/L	0.5	05/10/23	05/10/23
tert-Butylbenzene	ND		ug/L	0.5	05/10/23	05/10/23
1,2,4-Trimethylbenzene	ND		ug/L	0.5	05/10/23	05/10/23
sec-Butylbenzene	ND		ug/L	0.5	05/10/23	05/10/23
para-Isopropyl Toluene	ND		ug/L	0.5	05/10/23	05/10/23
1,3-Dichlorobenzene	ND		ug/L	0.5	05/10/23	05/10/23
1,4-Dichlorobenzene	ND		ug/L	0.5	05/10/23	05/10/23
n-Butylbenzene	ND		ug/L	0.5	05/10/23	05/10/23
1,2-Dichlorobenzene	ND		ug/L	0.5	05/10/23	05/10/23
1,2-Dibromo-3-Chloropropane	ND		ug/L	2.0	05/10/23	05/10/23
1,2,4-Trichlorobenzene	ND		ug/L	0.5	05/10/23	05/10/23
Hexachlorobutadiene	ND		ug/L	2.0	05/10/23	05/10/23
Naphthalene	ND		ug/L	2.0	05/10/23	05/10/23
1,2,3-Trichlorobenzene	ND		ug/L	0.5	05/10/23	05/10/23
Isopropyl Ether (DIPE)	ND		ug/L	0.5	05/10/23	05/10/23
Ethyl tert-Butyl Ether (ETBE)	ND		ug/L	0.5	05/10/23	05/10/23
tert-Butyl Alcohol (TBA)	ND		ug/L	10	05/10/23	05/10/23
Methyl tert-Amyl Ether (TAME)	ND		ug/L	0.5	05/10/23	05/10/23
Surrogates				**Limits**		
Dibromofluoromethane	99%		%REC	70-130	05/10/23	05/10/23
1,2-Dichloroethane-d4	97%		%REC	70-130	05/10/23	05/10/23
Toluene-d8	122%		%REC	70-130	05/10/23	05/10/23
Bromofluorobenzene	98%		%REC	70-130	05/10/23	05/10/23

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Batch QC

Type: Lab Control Sample	Lab ID: QC1063843	Batch: 313368
Matrix: Soil	Method: EPA 8260B	Prep Method: EPA 5035

QC1063843 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
1,1-Dichloroethene	45.48	50.00	ug/Kg	91%		70-131
MTBE	46.57	50.00	ug/Kg	93%		69-130
Benzene	47.97	50.00	ug/Kg	96%		70-130
Trichloroethene	56.60	50.00	ug/Kg	113%		70-130
Toluene	47.89	50.00	ug/Kg	96%		70-130
Chlorobenzene	50.59	50.00	ug/Kg	101%		70-130
Surrogates						
Dibromofluoromethane	49.23	50.00	ug/Kg	98%		70-130
1,2-Dichloroethane-d4	45.61	50.00	ug/Kg	91%		70-145
Toluene-d8	54.31	50.00	ug/Kg	109%		70-145
Bromofluorobenzene	49.20	50.00	ug/Kg	98%		70-145

Type: Lab Control Sample Duplicate	Lab ID: QC1063844	Batch: 313368
Matrix: Soil	Method: EPA 8260B	Prep Method: EPA 5035

QC1063844 Analyte	Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim
1,1-Dichloroethene	46.93	50.00	ug/Kg	94%		70-131	3	33
MTBE	47.36	50.00	ug/Kg	95%		69-130	2	30
Benzene	48.66	50.00	ug/Kg	97%		70-130	1	30
Trichloroethene	57.43	50.00	ug/Kg	115%		70-130	1	30
Toluene	46.88	50.00	ug/Kg	94%		70-130	2	30
Chlorobenzene	51.73	50.00	ug/Kg	103%		70-130	2	30
Surrogates								
Dibromofluoromethane	49.09	50.00	ug/Kg	98%		70-130		
1,2-Dichloroethane-d4	47.29	50.00	ug/Kg	95%		70-145		
Toluene-d8	47.24	50.00	ug/Kg	94%		70-145		
Bromofluorobenzene	48.20	50.00	ug/Kg	96%		70-145		

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Batch QC

Type:	**Blank**	**Lab ID:**	**QC1063847**	**Batch:**	**313368**
Matrix:	**Soil**	**Method:**	**EPA 8260B**	**Prep Method:**	**EPA 5035**

QC1063847 Analyte	Result	Qual	Units	RL	Prepared	Analyzed
Freon 12	ND		ug/Kg	5.0	05/06/23	05/06/23
Chloromethane	ND		ug/Kg	5.0	05/06/23	05/06/23
Vinyl Chloride	ND		ug/Kg	5.0	05/06/23	05/06/23
Bromomethane	ND		ug/Kg	5.0	05/06/23	05/06/23
Chloroethane	ND		ug/Kg	5.0	05/06/23	05/06/23
Trichlorofluoromethane	ND		ug/Kg	5.0	05/06/23	05/06/23
Acetone	ND		ug/Kg	100	05/06/23	05/06/23
Freon 113	ND		ug/Kg	5.0	05/06/23	05/06/23
1,1-Dichloroethene	ND		ug/Kg	5.0	05/06/23	05/06/23
Methylene Chloride	ND		ug/Kg	5.0	05/06/23	05/06/23
MTBE	ND		ug/Kg	5.0	05/06/23	05/06/23
trans-1,2-Dichloroethene	ND		ug/Kg	5.0	05/06/23	05/06/23
1,1-Dichloroethane	ND		ug/Kg	5.0	05/06/23	05/06/23
2-Butanone	ND		ug/Kg	100	05/06/23	05/06/23
cis-1,2-Dichloroethene	ND		ug/Kg	5.0	05/06/23	05/06/23
2,2-Dichloropropane	ND		ug/Kg	5.0	05/06/23	05/06/23
Chloroform	ND		ug/Kg	5.0	05/06/23	05/06/23
Bromochloromethane	ND		ug/Kg	5.0	05/06/23	05/06/23
1,1,1-Trichloroethane	ND		ug/Kg	5.0	05/06/23	05/06/23
1,1-Dichloropropene	ND		ug/Kg	5.0	05/06/23	05/06/23
Carbon Tetrachloride	ND		ug/Kg	5.0	05/06/23	05/06/23
1,2-Dichloroethane	ND		ug/Kg	5.0	05/06/23	05/06/23
Benzene	ND		ug/Kg	5.0	05/06/23	05/06/23
Trichloroethene	ND		ug/Kg	5.0	05/06/23	05/06/23
1,2-Dichloropropane	ND		ug/Kg	5.0	05/06/23	05/06/23
Bromodichloromethane	ND		ug/Kg	5.0	05/06/23	05/06/23
Dibromomethane	ND		ug/Kg	5.0	05/06/23	05/06/23
4-Methyl-2-Pentanone	ND		ug/Kg	8.1	05/06/23	05/06/23
cis-1,3-Dichloropropene	ND		ug/Kg	5.0	05/06/23	05/06/23
Toluene	ND		ug/Kg	5.0	05/06/23	05/06/23
trans-1,3-Dichloropropene	ND		ug/Kg	5.0	05/06/23	05/06/23
1,1,2-Trichloroethane	ND		ug/Kg	5.0	05/06/23	05/06/23
1,3-Dichloropropane	ND		ug/Kg	5.0	05/06/23	05/06/23
Tetrachloroethene	ND		ug/Kg	5.0	05/06/23	05/06/23
Dibromochloromethane	ND		ug/Kg	5.0	05/06/23	05/06/23
1,2-Dibromoethane	ND		ug/Kg	5.0	05/06/23	05/06/23
Chlorobenzene	ND		ug/Kg	5.0	05/06/23	05/06/23
1,1,1,2-Tetrachloroethane	ND		ug/Kg	5.0	05/06/23	05/06/23
Ethylbenzene	ND		ug/Kg	5.0	05/06/23	05/06/23
m,p-Xylenes	ND		ug/Kg	10	05/06/23	05/06/23
o-Xylene	ND		ug/Kg	5.0	05/06/23	05/06/23
Styrene	ND		ug/Kg	5.0	05/06/23	05/06/23

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Batch QC

QC1063847 Analyte	Result	Qual	Units	RL	Prepared	Analyzed
Bromoform	ND		ug/Kg	5.0	05/06/23	05/06/23
Isopropylbenzene	ND		ug/Kg	5.0	05/06/23	05/06/23
1,1,2,2-Tetrachloroethane	ND		ug/Kg	5.0	05/06/23	05/06/23
1,2,3-Trichloropropane	ND		ug/Kg	5.0	05/06/23	05/06/23
Propylbenzene	ND		ug/Kg	5.0	05/06/23	05/06/23
Bromobenzene	ND		ug/Kg	5.0	05/06/23	05/06/23
1,3,5-Trimethylbenzene	ND		ug/Kg	5.0	05/06/23	05/06/23
2-Chlorotoluene	ND		ug/Kg	5.0	05/06/23	05/06/23
4-Chlorotoluene	ND		ug/Kg	5.0	05/06/23	05/06/23
tert-Butylbenzene	ND		ug/Kg	5.0	05/06/23	05/06/23
1,2,4-Trimethylbenzene	ND		ug/Kg	5.0	05/06/23	05/06/23
sec-Butylbenzene	ND		ug/Kg	5.0	05/06/23	05/06/23
para-Isopropyl Toluene	ND		ug/Kg	5.0	05/06/23	05/06/23
1,3-Dichlorobenzene	ND		ug/Kg	5.0	05/06/23	05/06/23
1,4-Dichlorobenzene	ND		ug/Kg	5.0	05/06/23	05/06/23
n-Butylbenzene	ND		ug/Kg	5.0	05/06/23	05/06/23
1,2-Dichlorobenzene	ND		ug/Kg	5.0	05/06/23	05/06/23
1,2-Dibromo-3-Chloropropane	ND		ug/Kg	5.0	05/06/23	05/06/23
1,2,4-Trichlorobenzene	ND		ug/Kg	5.0	05/06/23	05/06/23
Hexachlorobutadiene	ND		ug/Kg	5.0	05/06/23	05/06/23
Naphthalene	ND		ug/Kg	5.0	05/06/23	05/06/23
1,2,3-Trichlorobenzene	ND		ug/Kg	5.0	05/06/23	05/06/23
Surrogates				**Limits**		
Dibromofluoromethane	98%		%REC	70-130	05/06/23	05/06/23
1,2-Dichloroethane-d4	97%		%REC	70-145	05/06/23	05/06/23
Toluene-d8	100%		%REC	70-145	05/06/23	05/06/23
Bromofluorobenzene	99%		%REC	70-145	05/06/23	05/06/23

Type: Lab Control Sample **Lab ID:** QC1064233 **Batch:** 313472
Matrix: Soil **Method:** EPA 8260B **Prep Method:** EPA 5035

QC1064233 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
1,1-Dichloroethene	48.88	50.00	ug/Kg	98%		70-131
MTBE	47.83	50.00	ug/Kg	96%		69-130
Benzene	49.74	50.00	ug/Kg	99%		70-130
Trichloroethene	50.15	50.00	ug/Kg	100%		70-130
Toluene	50.44	50.00	ug/Kg	101%		70-130
Chlorobenzene	51.80	50.00	ug/Kg	104%		70-130
Surrogates						
Dibromofluoromethane	50.19	50.00	ug/Kg	100%		70-130
1,2-Dichloroethane-d4	47.39	50.00	ug/Kg	95%		70-145
Toluene-d8	50.15	50.00	ug/Kg	100%		70-145
Bromofluorobenzene	51.12	50.00	ug/Kg	102%		70-145

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Batch QC

Type:	**Lab Control Sample Duplicate**	**Lab ID:**	**QC1064234**	**Batch:**	**313472**
Matrix:	**Soil**	**Method:**	**EPA 8260B**	**Prep Method:**	**EPA 5035**

QC1064234 Analyte	Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim
1,1-Dichloroethene	45.96	50.00	ug/Kg	92%		70-131	6	33
MTBE	44.33	50.00	ug/Kg	89%		69-130	8	30
Benzene	45.39	50.00	ug/Kg	91%		70-130	9	30
Trichloroethene	45.89	50.00	ug/Kg	92%		70-130	9	30
Toluene	45.80	50.00	ug/Kg	92%		70-130	10	30
Chlorobenzene	46.31	50.00	ug/Kg	93%		70-130	11	30
Surrogates								
Dibromofluoromethane	49.63	50.00	ug/Kg	99%		70-130		
1,2-Dichloroethane-d4	48.10	50.00	ug/Kg	96%		70-145		
Toluene-d8	49.68	50.00	ug/Kg	99%		70-145		
Bromofluorobenzene	49.77	50.00	ug/Kg	100%		70-145		

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Batch QC

Type:	**Blank**	**Lab ID:**	**QC1064237**	**Batch:**	**313472**
Matrix:	**Soil**	**Method:**	**EPA 8260B**	**Prep Method:**	**EPA 5035**

QC1064237 Analyte	Result	Qual	Units	RL	Prepared	Analyzed
Freon 12	ND		ug/Kg	5.0	05/09/23	05/09/23
Chloromethane	ND		ug/Kg	5.0	05/09/23	05/09/23
Vinyl Chloride	ND		ug/Kg	5.0	05/09/23	05/09/23
Bromomethane	ND		ug/Kg	5.0	05/09/23	05/09/23
Chloroethane	ND		ug/Kg	5.0	05/09/23	05/09/23
Trichlorofluoromethane	ND		ug/Kg	5.0	05/09/23	05/09/23
Acetone	ND		ug/Kg	100	05/09/23	05/09/23
Freon 113	ND		ug/Kg	5.0	05/09/23	05/09/23
1,1-Dichloroethene	ND		ug/Kg	5.0	05/09/23	05/09/23
Methylene Chloride	ND		ug/Kg	5.0	05/09/23	05/09/23
MTBE	ND		ug/Kg	5.0	05/09/23	05/09/23
trans-1,2-Dichloroethene	ND		ug/Kg	5.0	05/09/23	05/09/23
1,1-Dichloroethane	ND		ug/Kg	5.0	05/09/23	05/09/23
2-Butanone	ND		ug/Kg	100	05/09/23	05/09/23
cis-1,2-Dichloroethene	ND		ug/Kg	5.0	05/09/23	05/09/23
2,2-Dichloropropane	ND		ug/Kg	5.0	05/09/23	05/09/23
Chloroform	ND		ug/Kg	5.0	05/09/23	05/09/23
Bromochloromethane	ND		ug/Kg	5.0	05/09/23	05/09/23
1,1,1-Trichloroethane	ND		ug/Kg	5.0	05/09/23	05/09/23
1,1-Dichloropropene	ND		ug/Kg	5.0	05/09/23	05/09/23
Carbon Tetrachloride	ND		ug/Kg	5.0	05/09/23	05/09/23
1,2-Dichloroethane	ND		ug/Kg	5.0	05/09/23	05/09/23
Benzene	ND		ug/Kg	5.0	05/09/23	05/09/23
Trichloroethene	ND		ug/Kg	5.0	05/09/23	05/09/23
1,2-Dichloropropane	ND		ug/Kg	5.0	05/09/23	05/09/23
Bromodichloromethane	ND		ug/Kg	5.0	05/09/23	05/09/23
Dibromomethane	ND		ug/Kg	5.0	05/09/23	05/09/23
4-Methyl-2-Pentanone	ND		ug/Kg	5.0	05/09/23	05/09/23
cis-1,3-Dichloropropene	ND		ug/Kg	5.0	05/09/23	05/09/23
Toluene	ND		ug/Kg	5.0	05/09/23	05/09/23
trans-1,3-Dichloropropene	ND		ug/Kg	5.0	05/09/23	05/09/23
1,1,2-Trichloroethane	ND		ug/Kg	5.0	05/09/23	05/09/23
1,3-Dichloropropane	ND		ug/Kg	5.0	05/09/23	05/09/23
Tetrachloroethene	ND		ug/Kg	5.0	05/09/23	05/09/23
Dibromochloromethane	ND		ug/Kg	5.0	05/09/23	05/09/23
1,2-Dibromoethane	ND		ug/Kg	5.0	05/09/23	05/09/23
Chlorobenzene	ND		ug/Kg	5.0	05/09/23	05/09/23
1,1,1,2-Tetrachloroethane	ND		ug/Kg	5.0	05/09/23	05/09/23
Ethylbenzene	ND		ug/Kg	5.0	05/09/23	05/09/23
m,p-Xylenes	ND		ug/Kg	10	05/09/23	05/09/23
o-Xylene	ND		ug/Kg	5.0	05/09/23	05/09/23
Styrene	ND		ug/Kg	5.0	05/09/23	05/09/23

ENTHALPY ANALYTICAL

Batch QC

QC1064237 Analyte	Result	Qual	Units	RL	Prepared	Analyzed
Bromoform	ND		ug/Kg	5.0	05/09/23	05/09/23
Isopropylbenzene	ND		ug/Kg	5.0	05/09/23	05/09/23
1,1,2,2-Tetrachloroethane	ND		ug/Kg	5.0	05/09/23	05/09/23
1,2,3-Trichloropropane	ND		ug/Kg	5.0	05/09/23	05/09/23
Propylbenzene	ND		ug/Kg	5.0	05/09/23	05/09/23
Bromobenzene	ND		ug/Kg	5.0	05/09/23	05/09/23
1,3,5-Trimethylbenzene	ND		ug/Kg	5.0	05/09/23	05/09/23
2-Chlorotoluene	ND		ug/Kg	5.0	05/09/23	05/09/23
4-Chlorotoluene	ND		ug/Kg	5.0	05/09/23	05/09/23
tert-Butylbenzene	ND		ug/Kg	5.0	05/09/23	05/09/23
1,2,4-Trimethylbenzene	ND		ug/Kg	5.0	05/09/23	05/09/23
sec-Butylbenzene	ND		ug/Kg	5.0	05/09/23	05/09/23
para-Isopropyl Toluene	ND		ug/Kg	5.0	05/09/23	05/09/23
1,3-Dichlorobenzene	ND		ug/Kg	5.0	05/09/23	05/09/23
1,4-Dichlorobenzene	ND		ug/Kg	5.0	05/09/23	05/09/23
n-Butylbenzene	ND		ug/Kg	5.0	05/09/23	05/09/23
1,2-Dichlorobenzene	ND		ug/Kg	5.0	05/09/23	05/09/23
1,2-Dibromo-3-Chloropropane	ND		ug/Kg	5.0	05/09/23	05/09/23
1,2,4-Trichlorobenzene	ND		ug/Kg	5.0	05/09/23	05/09/23
Hexachlorobutadiene	ND		ug/Kg	5.0	05/09/23	05/09/23
Naphthalene	ND		ug/Kg	5.0	05/09/23	05/09/23
1,2,3-Trichlorobenzene	ND		ug/Kg	5.0	05/09/23	05/09/23
Surrogates				**Limits**		
Dibromofluoromethane	98%		%REC	70-130	05/09/23	05/09/23
1,2-Dichloroethane-d4	97%		%REC	70-145	05/09/23	05/09/23
Toluene-d8	100%		%REC	70-145	05/09/23	05/09/23
Bromofluorobenzene	101%		%REC	70-145	05/09/23	05/09/23

ENTHALPY ANALYTICAL

Batch QC

Type:	**Blank**	**Lab ID:**	**QC1064153**	**Batch:**	**313415**
Matrix:	**Water**	**Method:**	**EPA 8270C-SIM**	**Prep Method:**	**EPA 3510C**

QC1064153 Analyte	Result	Qual	Units	RL	Prepared	Analyzed
1-Methylnaphthalene	ND		ug/L	0.50	05/08/23	05/08/23
2-Methylnaphthalene	ND		ug/L	0.50	05/08/23	05/08/23
Naphthalene	ND		ug/L	0.50	05/08/23	05/08/23
Acenaphthylene	ND		ug/L	0.50	05/08/23	05/08/23
Acenaphthene	ND		ug/L	0.50	05/08/23	05/08/23
Fluorene	ND		ug/L	0.50	05/08/23	05/08/23
Phenanthrene	ND		ug/L	0.50	05/08/23	05/08/23
Anthracene	ND		ug/L	0.50	05/08/23	05/08/23
Fluoranthene	ND		ug/L	0.50	05/08/23	05/08/23
Pyrene	ND		ug/L	0.50	05/08/23	05/08/23
Benzo(a)anthracene	ND		ug/L	0.50	05/08/23	05/08/23
Chrysene	ND		ug/L	0.50	05/08/23	05/08/23
Benzo(b)fluoranthene	ND		ug/L	0.50	05/08/23	05/08/23
Benzo(k)fluoranthene	ND		ug/L	0.50	05/08/23	05/08/23
Benzo(a)pyrene	ND		ug/L	0.50	05/08/23	05/08/23
Indeno(1,2,3-cd)pyrene	ND		ug/L	0.50	05/08/23	05/08/23
Dibenz(a,h)anthracene	ND		ug/L	0.50	05/08/23	05/08/23
Benzo(g,h,i)perylene	ND		ug/L	0.50	05/08/23	05/08/23
Surrogates				**Limits**		
Nitrobenzene-d5	82%		%REC	16-125	05/08/23	05/08/23
2-Fluorobiphenyl	72%		%REC	17-120	05/08/23	05/08/23
Terphenyl-d14	74%		%REC	39-123	05/08/23	05/08/23

ENTHALPY ANALYTICAL

Batch QC

Type:	**Lab Control Sample**	**Lab ID:**	**QC1064154**	**Batch:**	**313415**
Matrix:	**Water**	**Method:**	**EPA 8270C-SIM**	**Prep Method:**	**EPA 3510C**

QC1064154 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
1-Methylnaphthalene	3.193	4.000	ug/L	80%		23-120
2-Methylnaphthalene	3.639	4.000	ug/L	91%		33-120
Naphthalene	3.435	4.000	ug/L	86%		38-120
Acenaphthylene	3.468	4.000	ug/L	87%		37-120
Acenaphthene	3.671	4.000	ug/L	92%		39-120
Fluorene	3.575	4.000	ug/L	89%		43-120
Phenanthrene	3.833	4.000	ug/L	96%		42-120
Anthracene	3.739	4.000	ug/L	93%		42-120
Fluoranthene	3.761	4.000	ug/L	94%		48-120
Pyrene	3.823	4.000	ug/L	96%		44-120
Benzo(a)anthracene	3.807	4.000	ug/L	95%		51-126
Chrysene	3.651	4.000	ug/L	91%		47-120
Benzo(b)fluoranthene	3.999	4.000	ug/L	100%		44-127
Benzo(k)fluoranthene	3.993	4.000	ug/L	100%		43-127
Benzo(a)pyrene	3.951	4.000	ug/L	99%		29-124
Indeno(1,2,3-cd)pyrene	4.069	4.000	ug/L	102%		44-127
Dibenz(a,h)anthracene	3.725	4.000	ug/L	93%		55-120
Benzo(g,h,i)perylene	4.460	4.000	ug/L	112%		46-120
Surrogates						
Nitrobenzene-d5	3.745	4.000	ug/L	94%		16-125
2-Fluorobiphenyl	3.085	4.000	ug/L	77%		17-120
Terphenyl-d14	3.260	4.000	ug/L	82%		39-123

ENTHALPY ANALYTICAL

Batch QC

Type:	**Lab Control Sample Duplicate**	**Lab ID:**	**QC1064155**	**Batch:**	**313415**
Matrix:	**Water**	**Method:**	**EPA 8270C-SIM**	**Prep Method:**	**EPA 3510C**

QC1064155 Analyte	Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim
1-Methylnaphthalene	3.211	4.000	ug/L	80%		23-120	1	20
2-Methylnaphthalene	3.670	4.000	ug/L	92%		33-120	1	20
Naphthalene	3.389	4.000	ug/L	85%		38-120	1	20
Acenaphthylene	3.446	4.000	ug/L	86%		37-120	1	20
Acenaphthene	3.739	4.000	ug/L	93%		39-120	2	20
Fluorene	3.687	4.000	ug/L	92%		43-120	3	20
Phenanthrene	4.024	4.000	ug/L	101%		42-120	5	20
Anthracene	3.948	4.000	ug/L	99%		42-120	5	20
Fluoranthene	4.029	4.000	ug/L	101%		48-120	7	20
Pyrene	4.077	4.000	ug/L	102%		44-120	6	20
Benzo(a)anthracene	4.086	4.000	ug/L	102%		51-126	7	20
Chrysene	3.962	4.000	ug/L	99%		47-120	8	20
Benzo(b)fluoranthene	4.264	4.000	ug/L	107%		44-127	6	20
Benzo(k)fluoranthene	4.259	4.000	ug/L	106%		43-127	6	20
Benzo(a)pyrene	3.837	4.000	ug/L	96%		29-124	3	20
Indeno(1,2,3-cd)pyrene	4.411	4.000	ug/L	110%		44-127	8	20
Dibenz(a,h)anthracene	3.999	4.000	ug/L	100%		55-120	7	20
Benzo(g,h,i)perylene	4.776	4.000	ug/L	119%		46-120	7	20
Surrogates								
Nitrobenzene-d5	3.624	4.000	ug/L	91%		16-125		
2-Fluorobiphenyl	3.081	4.000	ug/L	77%		17-120		
Terphenyl-d14	3.533	4.000	ug/L	88%		39-123		

ENTHALPY ANALYTICAL

Batch QC

Type:	**Blank**	**Lab ID:**	**QC1065960**	**Batch:**	**313985**
Matrix:	**Water**	**Method:**	**EPA 8270C-SIM**	**Prep Method:**	**EPA 3510C**

QC1065960 Analyte	Result	Qual	Units	RL	Prepared	Analyzed
1-Methylnaphthalene	ND		ug/L	0.50	05/15/23	05/15/23
2-Methylnaphthalene	ND		ug/L	0.50	05/15/23	05/15/23
Naphthalene	ND		ug/L	0.50	05/15/23	05/15/23
Acenaphthylene	ND		ug/L	0.50	05/15/23	05/15/23
Acenaphthene	ND		ug/L	0.50	05/15/23	05/15/23
Fluorene	ND		ug/L	0.50	05/15/23	05/15/23
Phenanthrene	ND		ug/L	0.50	05/15/23	05/15/23
Anthracene	ND		ug/L	0.50	05/15/23	05/15/23
Fluoranthene	ND		ug/L	0.50	05/15/23	05/15/23
Pyrene	ND		ug/L	0.50	05/15/23	05/15/23
Benzo(a)anthracene	ND		ug/L	0.50	05/15/23	05/15/23
Chrysene	ND		ug/L	0.50	05/15/23	05/15/23
Benzo(b)fluoranthene	ND		ug/L	0.50	05/15/23	05/15/23
Benzo(k)fluoranthene	ND		ug/L	0.50	05/15/23	05/15/23
Benzo(a)pyrene	ND		ug/L	0.50	05/15/23	05/15/23
Indeno(1,2,3-cd)pyrene	ND		ug/L	0.50	05/15/23	05/15/23
Dibenz(a,h)anthracene	ND		ug/L	0.50	05/15/23	05/15/23
Benzo(g,h,i)perylene	ND		ug/L	0.50	05/15/23	05/15/23
Surrogates				**Limits**		
Nitrobenzene-d5	48%		%REC	16-125	05/15/23	05/15/23
2-Fluorobiphenyl	44%		%REC	17-120	05/15/23	05/15/23
Terphenyl-d14	57%		%REC	39-123	05/15/23	05/15/23

ENTHALPY ANALYTICAL

Batch QC

Type:	**Lab Control Sample**	**Lab ID:**	**QC1065961**	**Batch:**	**313985**
Matrix:	**Water**	**Method:**	**EPA 8270C-SIM**	**Prep Method:**	**EPA 3510C**

QC1065961 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
1-Methylnaphthalene	3.147	4.000	ug/L	79%		23-120
2-Methylnaphthalene	2.906	4.000	ug/L	73%		33-120
Naphthalene	3.010	4.000	ug/L	75%		38-120
Acenaphthylene	3.430	4.000	ug/L	86%		37-120
Acenaphthene	3.201	4.000	ug/L	80%		39-120
Fluorene	3.322	4.000	ug/L	83%		43-120
Phenanthrene	3.368	4.000	ug/L	84%		42-120
Anthracene	3.707	4.000	ug/L	93%		42-120
Fluoranthene	3.721	4.000	ug/L	93%		48-120
Pyrene	3.791	4.000	ug/L	95%		44-120
Benzo(a)anthracene	3.288	4.000	ug/L	82%		51-126
Chrysene	3.822	4.000	ug/L	96%		47-120
Benzo(b)fluoranthene	3.598	4.000	ug/L	90%		44-127
Benzo(k)fluoranthene	4.135	4.000	ug/L	103%		43-127
Benzo(a)pyrene	3.803	4.000	ug/L	95%		29-124
Indeno(1,2,3-cd)pyrene	4.196	4.000	ug/L	105%		44-127
Dibenz(a,h)anthracene	4.429	4.000	ug/L	111%		55-120
Benzo(g,h,i)perylene	4.362	4.000	ug/L	109%		46-120
Surrogates						
Nitrobenzene-d5	3.574	4.000	ug/L	89%		16-125
2-Fluorobiphenyl	3.123	4.000	ug/L	78%		17-120
Terphenyl-d14	4.087	4.000	ug/L	102%		39-123

ENTHALPY ANALYTICAL

Batch QC

Type:	**Lab Control Sample Duplicate**	**Lab ID:**	**QC1065962**	**Batch:**	**313985**
Matrix:	**Water**	**Method:**	**EPA 8270C-SIM**	**Prep Method:**	**EPA 3510C**

QC1065962 Analyte	Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim
1-Methylnaphthalene	2.366	4.000	ug/L	59%		23-120	28*	20
2-Methylnaphthalene	2.137	4.000	ug/L	53%		33-120	30*	20
Naphthalene	2.199	4.000	ug/L	55%		38-120	31*	20
Acenaphthylene	2.754	4.000	ug/L	69%		37-120	22*	20
Acenaphthene	2.560	4.000	ug/L	64%		39-120	22*	20
Fluorene	2.847	4.000	ug/L	71%		43-120	15	20
Phenanthrene	3.169	4.000	ug/L	79%		42-120	6	20
Anthracene	3.454	4.000	ug/L	86%		42-120	7	20
Fluoranthene	3.646	4.000	ug/L	91%		48-120	2	20
Pyrene	3.691	4.000	ug/L	92%		44-120	3	20
Benzo(a)anthracene	3.273	4.000	ug/L	82%		51-126	0	20
Chrysene	3.803	4.000	ug/L	95%		47-120	1	20
Benzo(b)fluoranthene	3.694	4.000	ug/L	92%		44-127	3	20
Benzo(k)fluoranthene	3.996	4.000	ug/L	100%		43-127	3	20
Benzo(a)pyrene	3.810	4.000	ug/L	95%		29-124	0	20
Indeno(1,2,3-cd)pyrene	4.318	4.000	ug/L	108%		44-127	3	20
Dibenz(a,h)anthracene	4.522	4.000	ug/L	113%		55-120	2	20
Benzo(g,h,i)perylene	4.485	4.000	ug/L	112%		46-120	3	20
Surrogates								
Nitrobenzene-d5	2.487	4.000	ug/L	62%		16-125		
2-Fluorobiphenyl	2.348	4.000	ug/L	59%		17-120		
Terphenyl-d14	3.918	4.000	ug/L	98%		39-123		

ENTHALPY ANALYTICAL

Batch QC

Type:	**Blank**	**Lab ID:**	**QC1064068**	**Batch:**	**313427**
Matrix:	**Soil**	**Method:**	**EPA 8270C-SIM**	**Prep Method:**	**EPA 3546**

QC1064068 Analyte	Result	Qual	Units	RL	Prepared	Analyzed
1-Methylnaphthalene	ND		ug/Kg	10	05/08/23	05/09/23
2-Methylnaphthalene	ND		ug/Kg	10	05/08/23	05/09/23
Naphthalene	ND		ug/Kg	10	05/08/23	05/09/23
Acenaphthylene	ND		ug/Kg	10	05/08/23	05/09/23
Acenaphthene	ND		ug/Kg	10	05/08/23	05/09/23
Fluorene	ND		ug/Kg	10	05/08/23	05/09/23
Phenanthrene	ND		ug/Kg	10	05/08/23	05/09/23
Anthracene	ND		ug/Kg	10	05/08/23	05/09/23
Fluoranthene	ND		ug/Kg	10	05/08/23	05/09/23
Pyrene	ND		ug/Kg	10	05/08/23	05/09/23
Benzo(a)anthracene	ND		ug/Kg	10	05/08/23	05/09/23
Chrysene	ND		ug/Kg	10	05/08/23	05/09/23
Benzo(b)fluoranthene	ND		ug/Kg	10	05/08/23	05/09/23
Benzo(k)fluoranthene	ND		ug/Kg	10	05/08/23	05/09/23
Benzo(a)pyrene	ND		ug/Kg	10	05/08/23	05/09/23
Indeno(1,2,3-cd)pyrene	ND		ug/Kg	10	05/08/23	05/09/23
Dibenz(a,h)anthracene	ND		ug/Kg	10	05/08/23	05/09/23
Benzo(g,h,i)perylene	ND		ug/Kg	10	05/08/23	05/09/23
Surrogates				**Limits**		
Nitrobenzene-d5	89%		%REC	27-125	05/08/23	05/09/23
2-Fluorobiphenyl	71%		%REC	30-120	05/08/23	05/09/23
Terphenyl-d14	89%		%REC	33-155	05/08/23	05/09/23

ENTHALPY ANALYTICAL

Batch QC

Type:	**Lab Control Sample**	**Lab ID:**	**QC1064069**	**Batch:**	**313427**
Matrix:	**Soil**	**Method:**	**EPA 8270C-SIM**	**Prep Method:**	**EPA 3546**

QC1064069 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
1-Methylnaphthalene	165.5	199.2	ug/Kg	83%		28-130
2-Methylnaphthalene	191.8	199.2	ug/Kg	96%		33-130
Naphthalene	171.2	199.2	ug/Kg	86%		25-130
Acenaphthylene	183.3	199.2	ug/Kg	92%		28-130
Acenaphthene	182.4	199.2	ug/Kg	92%		32-130
Fluorene	179.2	199.2	ug/Kg	90%		35-130
Phenanthrene	184.8	199.2	ug/Kg	93%		35-132
Anthracene	185.7	199.2	ug/Kg	93%		34-136
Fluoranthene	182.9	199.2	ug/Kg	92%		34-139
Pyrene	183.5	199.2	ug/Kg	92%		35-134
Benzo(a)anthracene	188.3	199.2	ug/Kg	95%		30-132
Chrysene	169.4	199.2	ug/Kg	85%		29-130
Benzo(b)fluoranthene	193.2	199.2	ug/Kg	97%		32-137
Benzo(k)fluoranthene	173.1	199.2	ug/Kg	87%		32-130
Benzo(a)pyrene	189.2	199.2	ug/Kg	95%		10-138
Indeno(1,2,3-cd)pyrene	196.1	199.2	ug/Kg	98%		34-132
Dibenz(a,h)anthracene	176.6	199.2	ug/Kg	89%		32-130
Benzo(g,h,i)perylene	195.8	199.2	ug/Kg	98%		27-130
Surrogates						
Nitrobenzene-d5	201.5	199.2	ug/Kg	101%		27-125
2-Fluorobiphenyl	162.9	199.2	ug/Kg	82%		30-120
Terphenyl-d14	180.2	199.2	ug/Kg	90%		33-155

ENTHALPY ANALYTICAL

Batch QC

Type:	Matrix Spike	Lab ID:	QC1064070	Batch:	313427
Matrix (Source ID):	Soil (484562-001)	Method:	EPA 8270C-SIM	Prep Method:	EPA 3546

QC1064070 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
1-Methylnaphthalene	156.5	ND	200.1	ug/Kg	78%		25-130	50
2-Methylnaphthalene	134.6	ND	200.1	ug/Kg		DO	32-133	50
Naphthalene	145.3	ND	200.1	ug/Kg		DO	33-130	50
Acenaphthylene	138.2	ND	200.1	ug/Kg	69%		14-157	50
Acenaphthene	117.7	ND	200.1	ug/Kg		DO	28-134	50
Fluorene	116.1	ND	200.1	ug/Kg		DO	27-140	50
Phenanthrene	184.5	118.6	200.1	ug/Kg	33%		29-147	50
Anthracene	126.5	ND	200.1	ug/Kg	63%		24-156	50
Fluoranthene	244.9	183.5	200.1	ug/Kg	31%		28-160	50
Pyrene	261.5	204.6	200.1	ug/Kg	28%		26-153	50
Benzo(a)anthracene	155.2	68.26	200.1	ug/Kg	43%		26-174	50
Chrysene	217.7	159.8	200.1	ug/Kg	29%	*	40-139	50
Benzo(b)fluoranthene	174.3	105.2	200.1	ug/Kg	35%	*	36-164	50
Benzo(k)fluoranthene	149.3	ND	200.1	ug/Kg	75%		36-161	50
Benzo(a)pyrene	179.6	ND	200.1	ug/Kg	90%		18-173	50
Indeno(1,2,3-cd)pyrene	139.7	60.17	200.1	ug/Kg	40%		26-154	50
Dibenz(a,h)anthracene	109.2	ND	200.1	ug/Kg	55%		38-132	50
Benzo(g,h,i)perylene	145.0	78.26	200.1	ug/Kg	33%	*	36-130	50
Surrogates								
Nitrobenzene-d5	125.8		200.1	ug/Kg	63%		27-125	50
2-Fluorobiphenyl	127.6		200.1	ug/Kg	64%		30-120	50
Terphenyl-d14	109.2		200.1	ug/Kg	55%		33-155	50

ENTHALPY ANALYTICAL

Batch QC

Type:	**Matrix Spike Duplicate**	**Lab ID:**	**QC1064071**	**Batch:**	**313427**
Matrix (Source ID):	**Soil (484562-001)**	**Method:**	**EPA 8270C-SIM**	**Prep Method:**	**EPA 3546**

QC1064071 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
1-Methylnaphthalene	193.8	ND	200.1	ug/Kg	97%		25-130	21	35	50
2-Methylnaphthalene	171.7	ND	200.1	ug/Kg	86%		32-133		35	50
Naphthalene	177.1	ND	200.1	ug/Kg	89%		33-130		35	50
Acenaphthylene	163.3	ND	200.1	ug/Kg	82%		14-157	17	35	50
Acenaphthene	150.6	ND	200.1	ug/Kg	75%		28-134		35	50
Fluorene	157.2	ND	200.1	ug/Kg	79%		27-140		35	50
Phenanthrene	237.6	118.6	200.1	ug/Kg	59%		29-147	25	35	50
Anthracene	156.5	ND	200.1	ug/Kg	78%		24-156	21	35	50
Fluoranthene	318.9	183.5	200.1	ug/Kg	68%		28-160	26	35	50
Pyrene	347.5	204.6	200.1	ug/Kg	71%		26-153	28	35	50
Benzo(a)anthracene	206.8	68.26	200.1	ug/Kg	69%		26-174	28	35	50
Chrysene	295.8	159.8	200.1	ug/Kg	68%		40-139	30	35	50
Benzo(b)fluoranthene	218.8	105.2	200.1	ug/Kg	57%		36-164	23	35	50
Benzo(k)fluoranthene	161.9	ND	200.1	ug/Kg	81%		36-161	8	35	50
Benzo(a)pyrene	233.2	ND	200.1	ug/Kg	117%		18-173	26	35	50
Indeno(1,2,3-cd)pyrene	199.7	60.17	200.1	ug/Kg	70%		26-154	35	35	50
Dibenz(a,h)anthracene	161.4	ND	200.1	ug/Kg	81%		38-132	39*	35	50
Benzo(g,h,i)perylene	226.1	78.26	200.1	ug/Kg	74%		36-130	44*	35	50
Surrogates										
Nitrobenzene-d5	143.6		200.1	ug/Kg	72%		27-125			50
2-Fluorobiphenyl	148.0		200.1	ug/Kg	74%		30-120			50
Terphenyl-d14	152.7		200.1	ug/Kg	76%		33-155			50

* Value is outside QC limits
DO Diluted Out
ND Not Detected
b See narrative

Enthalpy Analytical
931 West Barkley Ave
Orange, CA 92868
(714) 771-6900

enthalpy.com

Lab Job Number: 488199
Report Level: II
Report Date: 07/20/2023

Analytical Report *prepared for:*

Peter Sims
Farallon Consulting
330 Franklin Street
Suite 200
Oakland, CA 94612

Project: 1363-005-006 - Brisbane Quarry

Authorized for release by:

Sophia Baughman, Project Manager
sophia.baughman@enthalpy.com

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 above signature which applies to this PDF file as well as any associated electronic data deliverable files. The results contained in this report meet all requirements of NELAP and pertain only to those samples which were submitted for analysis. This report may be reproduced only in its entirety.

CA ELAP# 1338, NELAP# 4038, SCAQMD LAP# 18LA0518, LACSD ID# 10105

ENTHALPY ANALYTICAL

Sample Summary

Peter Sims
Farallon Consulting
330 Franklin Street
Suite 200
Oakland, CA 94612

Lab Job #:	488199
Project No:	1363-005-006
Location:	Brisbane Quarry
Date Received:	05/03/23

Sample ID	Lab ID	Collected	Matrix
F-16-2	488199-001	05/03/23 09:25	Soil

ENTHALPY ANALYTICAL

Case Narrative

Farallon Consulting 330 Franklin Street Suite 200 Oakland, CA 94612 Peter Sims	Lab Job Number: 488199 Project No: 1363-005-006 Location: Brisbane Quarry Date Received: 05/03/23

This data package contains sample and QC results for one soil sample, requested for the above referenced project on 07/11/23. The sample was received cold and intact.

Asbestos (CARB 435):

SGS Forensic in Hayward, CA performed the analysis (see sublab report section for certifications). Please see the SGS Forensic case narrative.

MONTROSE ENVIRONMENTAL

Sophia Baughman <sophia.baughman@enthalpy.com>

[EXTERNAL] 1363-005-006 additional analysis

Peter Sims <psims@farallonconsulting.com> Tue, Jul 11, 2023 at 11:58 AM
To: Sophia Baughman <sophia.baughman@enthalpy.com>, "Enthalpy Analytical (ClientServices.Berkeley@enthalpy.com)" <ClientServices.Berkeley@enthalpy.com>
Cc: Scott Allin <sallin@farallonconsulting.com>

Hi Sophia,

Please analyze sample F-16-2 for asbestos from the attached lab report on standard TAT.

Thank you,

CELEBRATING 25 YEARS | 1998 - 2023

Peter Sims

Associate Geologist

Farallon Consulting

330 Franklin Street, Suite 200
Oakland, CA 94607
Phone 949-338-8317

Web www.farallonconsulting.com
Email psims@farallonconsulting.com

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484472_level2.pdf
1066K

Laboratory Job Number 488199

Subcontracted Products

SGS Forensic

SGS FORENSIC LABORATORIES

Final Report

Bulk Asbestos Material Analysis

(Air Resources Board Method 435, June 6, 1991)

Enthalpy Analytical LLC
Sophia Baughman
2323 5th Street

Berkeley, CA 94710

Client ID: 1137
Report Number: N015598
Date Received: 07/12/23
Date Analyzed: 07/19/23
Date Printed: 07/19/23

Job ID/Site: PO-048889- Enthalpy EO#488199

SGSFL Job ID: 1137
Total Samples Submitted: 1
Total Samples Analyzed: 1

PLM Report Number: N/A

Sample Preparation and Analysis:

Samples were analyzed by the Air Resources Board's Method 435, Determination of Asbestos Content of Serpentine Aggregate. Samples were ground to 200 particle size in the laboratory. Approximately 1 pint was retained for analysis. Samples were prepared for observation according to the guidelines of Exception I and Exception II as defined by the 435 Method. Samples which contained less than 10% asbestos were prepared for observation according to the point count technique as defined by the 435 Method. This analysis was performed with a standard cross-hair reticle.

Sample ID	Lab Number	Layer Description
488199-001	12676685	**Grey Powder**

Visual Estimation Results:

Matrix percentage of entire sample	100
Visual estimation percentage:	**None Detected**
Asbestos type(s) detected:	None Detected

Comment: This result meets the requirements of Exception I as defined by the 435 Method.

Maria E. Casper

Maria Cosper, Laboratory Supervisor, Hayward Laboratory

Note: Limit of Quantification (LOQ) = 0.25%. Trace denotes the presence of asbestos below the LOQ. ND = None Detected.

Analytical results and reports are generated by SGS Forensic Laboratories (SGSFL) at the request of and for the exclusive use of the person or entity (client) named on such report. Results, reports or copies of same will not be released by SGSFL to any third party without prior written request from client. This report applies only to the sample(s) tested. Supporting laboratory documentation is available upon request. This report must not be reproduced except in full, unless approved by SGSFL. The client is solely responsible for the use and interpretation of test results and reports requested from SGSFL. This report must not be used by the client to claim product endorsement by NVLAP or any other agency of the U.S. Government. SGSFL is not able to assess the degree of hazard resulting from materials analyzed. SGS Forensic Laboratories reserves the right to dispose of all samples after a period of thirty (30) days, according to all state and federal guidelines, unless otherwise specified. All samples were received in acceptable condition unless otherwise noted.

3777 Depot Road, Suite 409, Hayward, CA 94545 | Phone: 510.887.8828 / 800.827.3274 Fax: 510.887.4218 | https://falaboratories.sgs.com

Peter D. Sims
Farallon Consulting
330 Franklin Street, Suite 200
Oakland, California 94607
Tel: 510-879-6800/C: 949-338-8317
Email: psims@farallonconsulting.com

RE: Brisbane Quarry

Work Order No.: 2305068 Rev: 1

Dear Peter Sims:

Torrent Laboratory, Inc. received 2 sample(s) on May 09, 2023 for the analyses presented in the following Report.

All data for associated QC met EPA or laboratory specification(s) except where noted in the case narrative.

Torrent Laboratory, Inc. is certified by the State of California, ELAP #1991. If you have any questions regarding these test results, please feel free to contact the Project Management Team at (408)263-5258; ext 204.



Kathie Evans
Project Manager

May 16, 2023
Date

Date: 5/16/2023

Client: Farallon Consulting

Project: Brisbane Quarry

Work Order: 2305068

CASE NARRATIVE

Unless otherwise indicated in the following narrative, no issues encountered with the receiving, preparation, analysis or reporting of the results associated with this work order.

Unless otherwise indicated in the following narrative, no results have been method and/or field blank corrected.

Reported results relate only to the items/samples tested by the laboratory.

This report shall not be reproduced, except in full, without the written approval of Torrent Laboratory, Inc.

REVISIONS

Report revised to include TPH gas data for sample 002.

Rev. 1 (5/26/23)

Torrent LABORATORY, INC.

Sample Result Summary

Report prepared for: Peter Sims
Farallon Consulting

Date Received: 05/09/23
Date Reported: 05/16/23

F-4-SG 2305068-001

Parameters:	Analysis Method	DF	MDL	PQL	Results ug/m3
2-Propanol (Isopropyl Alcohol)	TO15	1	1.3	12	16
Acetone	TO15	1	0.40	12	12
2-Butanone (MEK)	TO15	1	0.39	1.5	1.5
2-Hexanone	TO15	1	0.65	2.1	3.9
m,p-Xylene	TO15	1	0.98	2.2	4.0

F-9-SG-5.0 2305068-002

Parameters:	Analysis Method	DF	MDL	PQL	Results ug/m3
Carbon Disulfide	TO15	1	0.37	1.6	2.3
2-Propanol (Isopropyl Alcohol)	TO15	1	1.3	12	15
tert-Butanol	TO15	1	0.62	1.5	5.2
2-Butanone (MEK)	TO15	1	0.39	1.5	2.2
TPH as Gasoline	TO15	1	40	180	820

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Peter Sims
Farallon Consulting

Date/Time Received: 05/09/23, 3:45 pm
Date Reported: 05/16/23

Client Sample ID:	F-4-SG	**Lab Sample ID:**	2305068-001A
Project Name/Location:	Brisbane Quarry	**Sample Matrix:**	Air
Project Number:	1363-006		
Date/Time Sampled:	05/09/23 / 12:54	**Certified Clean WO # :**	
Canister/Tube ID:	A7464	**Received PSI :**	12.6
Collection Volume (L):		**Corrected PSI :**	
SDG:			

Prep Method: FG-P
Prep Batch ID: 1150826
Prep Batch Date/Time: 5/9/23 7:00:00PM
Prep Analyst: ERESK

Parameters:	Analysis Method	DF	MDL %	PQL %	Results %	Results ppbv	Q	Analyzed	Time	By	Analytical Batch
The results shown below are reported using their MDL.											
Helium	D1946	3.90	0.0087	2.0	ND	ND		05/09/23	20:20	ERESK	474540

Prep Method: TO15-P
Prep Batch ID: 1150910
Prep Batch Date/Time: 5/9/23 12:45:00PM
Prep Analyst: BPATEL

Parameters:	Analysis Method	DF	MDL ug/m3	PQL ug/m3	Results ug/m3	Results ppbv	Q	Analyzed	Time	By	Analytical Batch
Dichlorodifluoromethane	TO15	1.00	1.6	2.5	ND	ND		05/09/23	19:24	BP	474627
1,1-Difluoroethane	TO15	1.00	0.35	14	ND	ND		05/09/23	19:24	BP	474627
1,2-Dichlorotetrafluoroethane	TO15	1.00	1.4	3.5	ND	ND		05/09/23	19:24	BP	474627
Chloromethane	TO15	1.00	2.0	4.1	ND	ND		05/09/23	19:24	BP	474627
Vinyl Chloride	TO15	1.00	0.23	1.3	ND	ND		05/09/23	19:24	BP	474627
1,3-Butadiene	TO15	1.00	0.34	1.1	ND	ND		05/09/23	19:24	BP	474627
Bromomethane	TO15	1.00	0.66	1.9	ND	ND		05/09/23	19:24	BP	474627
Chloroethane	TO15	1.00	0.81	1.3	ND	ND		05/09/23	19:24	BP	474627
Trichlorofluoromethane	TO15	1.00	0.56	2.8	ND	ND		05/09/23	19:24	BP	474627
1,1-Dichloroethene	TO15	1.00	0.83	2.0	ND	ND		05/09/23	19:24	BP	474627
Freon 113	TO15	1.00	1.0	3.8	ND	ND		05/09/23	19:24	BP	474627
Carbon Disulfide	TO15	1.00	0.37	1.6	ND	ND		05/09/23	19:24	BP	474627
2-Propanol (Isopropyl Alcohol)	TO15	1.00	1.3	12	16	6.50		05/09/23	19:24	BP	474627
Methylene Chloride	TO15	1.00	0.70	10	ND	ND		05/09/23	19:24	BP	474627
Acetone	TO15	1.00	0.40	12	12	5.04		05/09/23	19:24	BP	474627
trans-1,2-Dichloroethene	TO15	1.00	0.48	2.0	ND	ND		05/09/23	19:24	BP	474627
Hexane	TO15	1.00	0.46	1.8	ND	ND		05/09/23	19:24	BP	474627
MTBE	TO15	1.00	0.44	1.8	ND	ND		05/09/23	19:24	BP	474627
tert-Butanol	TO15	1.00	0.62	1.5	ND	ND		05/09/23	19:24	BP	474627
Diisopropyl ether (DIPE)	TO15	1.00	0.74	2.1	ND	ND		05/09/23	19:24	BP	474627
1,1-Dichloroethane	TO15	1.00	0.54	2.0	ND	ND		05/09/23	19:24	BP	474627
ETBE	TO15	1.00	0.33	2.1	ND	ND		05/09/23	19:24	BP	474627
cis-1,2-Dichloroethene	TO15	1.00	0.83	2.0	ND	ND		05/09/23	19:24	BP	474627
Chloroform	TO15	1.00	0.97	2.4	ND	ND		05/09/23	19:24	BP	474627
Vinyl Acetate	TO15	1.00	0.76	1.8	ND	ND		05/09/23	19:24	BP	474627
Carbon Tetrachloride	TO15	1.00	1.1	3.1	ND	ND		05/09/23	19:24	BP	474627
1,1,1-Trichloroethane	TO15	1.00	0.79	2.7	ND	ND		05/09/23	19:24	BP	474627
2-Butanone (MEK)	TO15	1.00	0.39	1.5	1.5	0.51		05/09/23	19:24	BP	474627

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Peter Sims
Farallon Consulting

Date/Time Received: 05/09/23, 3:45 pm
Date Reported: 05/16/23

Client Sample ID:	F-4-SG	**Lab Sample ID:**	2305068-001A
Project Name/Location:	Brisbane Quarry	**Sample Matrix:**	Air
Project Number:	1363-006		
Date/Time Sampled:	05/09/23 / 12:54	**Certified Clean WO # :**	
Canister/Tube ID:	A7464	**Received PSI :**	12.6
Collection Volume (L):		**Corrected PSI :**	
SDG:			

Prep Method:	TO15-P	**Prep Batch Date/Time:**	5/9/23 12:45:00PM
Prep Batch ID:	1150910	**Prep Analyst:**	BPATEL

Parameters:	Analysis Method	DF	MDL ug/m3	PQL ug/m3	Results ug/m3	Results ppbv	Q	Analyzed	Time	By	Analytical Batch
Ethyl Acetate	TO15	1.00	0.48	1.8	ND	ND		05/09/23	19:24	BP	474627
Tetrahydrofuran	TO15	1.00	0.45	1.5	ND	ND		05/09/23	19:24	BP	474627
Benzene	TO15	1.00	0.44	1.6	ND	ND		05/09/23	19:24	BP	474627
TAME	TO15	1.00	0.67	2.1	ND	ND		05/09/23	19:24	BP	474627
1,2-Dichloroethane (EDC)	TO15	1.00	0.42	2.0	ND	ND		05/09/23	19:24	BP	474627
Trichloroethylene	TO15	1.00	0.81	2.7	ND	ND		05/09/23	19:24	BP	474627
1,2-Dichloropropane	TO15	1.00	0.76	2.3	ND	ND		05/09/23	19:24	BP	474627
Bromodichloromethane	TO15	1.00	0.74	3.4	ND	ND		05/09/23	19:24	BP	474627
1,4-Dioxane	TO15	1.00	1.8	3.6	ND	ND		05/09/23	19:24	BP	474627
trans-1,3-Dichloropropene	TO15	1.00	1.1	2.3	ND	ND		05/09/23	19:24	BP	474627
Toluene	TO15	1.00	0.75	1.9	ND	ND		05/09/23	19:24	BP	474627
4-Methyl-2-Pentanone (MIBK)	TO15	1.00	0.75	2.1	ND	ND		05/09/23	19:24	BP	474627
cis-1,3-Dichloropropene	TO15	1.00	0.42	2.3	ND	ND		05/09/23	19:24	BP	474627
Tetrachloroethylene	TO15	1.00	1.5	3.4	ND	ND		05/09/23	19:24	BP	474627
1,1,2-Trichloroethane	TO15	1.00	0.58	2.7	ND	ND		05/09/23	19:24	BP	474627
Dibromochloromethane	TO15	1.00	1.1	4.3	ND	ND		05/09/23	19:24	BP	474627
1,2-Dibromoethane (EDB)	TO15	1.00	0.74	3.8	ND	ND		05/09/23	19:24	BP	474627
2-Hexanone	TO15	1.00	0.65	2.1	3.9	0.95		05/09/23	19:24	BP	474627
Ethyl Benzene	TO15	1.00	0.63	2.2	ND	ND		05/09/23	19:24	BP	474627
Chlorobenzene	TO15	1.00	0.60	2.3	ND	ND		05/09/23	19:24	BP	474627
1,1,1,2-Tetrachloroethane	TO15	1.00	0.84	3.4	ND	ND		05/09/23	19:24	BP	474627
m,p-Xylene	TO15	1.00	0.98	2.2	4.0	0.92		05/09/23	19:24	BP	474627
o-Xylene	TO15	1.00	0.30	2.2	ND	ND		05/09/23	19:24	BP	474627
Styrene	TO15	1.00	0.46	2.1	ND	ND		05/09/23	19:24	BP	474627
Bromoform	TO15	1.00	1.3	5.2	ND	ND		05/09/23	19:24	BP	474627
1,1,2,2-Tetrachloroethane	TO15	1.00	0.82	3.4	ND	ND		05/09/23	19:24	BP	474627
4-Ethyl Toluene	TO15	1.00	0.55	2.5	ND	ND		05/09/23	19:24	BP	474627
1,3,5-Trimethylbenzene	TO15	1.00	0.30	2.5	ND	ND		05/09/23	19:24	BP	474627
1,2,4-Trimethylbenzene	TO15	1.00	0.60	2.5	ND	ND		05/09/23	19:24	BP	474627
1,4-Dichlorobenzene	TO15	1.00	0.75	3.0	ND	ND		05/09/23	19:24	BP	474627
1,3-Dichlorobenzene	TO15	1.00	1.3	3.0	ND	ND		05/09/23	19:24	BP	474627
1,2-Dichlorobenzene	TO15	1.00	1.1	3.0	ND	ND		05/09/23	19:24	BP	474627
Hexachlorobutadiene	TO15	1.00	1.9	5.3	ND	ND		05/09/23	19:24	BP	474627
1,2,4-Trichlorobenzene	TO15	1.00	2.2	3.7	ND	ND		05/09/23	19:24	BP	474627
Naphthalene	TO15	1.00	1.3	2.6	ND	ND		05/09/23	19:24	BP	474627
(S) 4-Bromofluorobenzene	TO15	1.00	50	150	100 %			05/09/23	19:24	BP	474627

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Peter Sims
Farallon Consulting

Date/Time Received: 05/09/23, 3:45 pm
Date Reported: 05/16/23

Client Sample ID:	F-9-SG-5.0	**Lab Sample ID:**	2305068-002A
Project Name/Location:	Brisbane Quarry	**Sample Matrix:**	Air
Project Number:	1363-006		
Date/Time Sampled:	05/09/23 / 12:04	**Certified Clean WO # :**	
Canister/Tube ID:	A7554	**Received PSI :**	11.5
Collection Volume (L):		**Corrected PSI :**	
SDG:			

Prep Method: FG-P **Prep Batch Date/Time:** 5/9/23 7:00:00PM
Prep Batch ID: 1150826 **Prep Analyst:** ERESK

Parameters:	Analysis Method	DF	MDL %	PQL %	Results %	Results ppbv	Q	Analyzed	Time	By	Analytical Batch
The results shown below are reported using their MDL.											
Helium	D1946	6.70	0.015	3.4	ND	ND		05/09/23	20:31	ERESK	474540

Prep Method: TO15-P **Prep Batch Date/Time:** 5/9/23 12:45:00PM
Prep Batch ID: 1150910 **Prep Analyst:** BPATEL

Parameters:	Analysis Method	DF	MDL ug/m3	PQL ug/m3	Results ug/m3	Results ppbv	Q	Analyzed	Time	By	Analytical Batch
Dichlorodifluoromethane	TO15	1.00	1.6	2.5	ND	ND		05/09/23	19:59	BP	474627
1,1-Difluoroethane	TO15	1.00	0.35	14	ND	ND		05/09/23	19:59	BP	474627
1,2-Dichlorotetrafluoroethane	TO15	1.00	1.4	3.5	ND	ND		05/09/23	19:59	BP	474627
Chloromethane	TO15	1.00	2.0	4.1	ND	ND		05/09/23	19:59	BP	474627
Vinyl Chloride	TO15	1.00	0.23	1.3	ND	ND		05/09/23	19:59	BP	474627
1,3-Butadiene	TO15	1.00	0.34	1.1	ND	ND		05/09/23	19:59	BP	474627
Bromomethane	TO15	1.00	0.66	1.9	ND	ND		05/09/23	19:59	BP	474627
Chloroethane	TO15	1.00	0.81	1.3	ND	ND		05/09/23	19:59	BP	474627
Trichlorofluoromethane	TO15	1.00	0.56	2.8	ND	ND		05/09/23	19:59	BP	474627
1,1-Dichloroethene	TO15	1.00	0.83	2.0	ND	ND		05/09/23	19:59	BP	474627
Freon 113	TO15	1.00	1.0	3.8	ND	ND		05/09/23	19:59	BP	474627
Carbon Disulfide	TO15	1.00	0.37	1.6	2.3	0.74		05/09/23	19:59	BP	474627
2-Propanol (Isopropyl Alcohol)	TO15	1.00	1.3	12	15	6.10		05/09/23	19:59	BP	474627
Methylene Chloride	TO15	1.00	0.70	10	ND	ND		05/09/23	19:59	BP	474627
Acetone	TO15	1.00	0.40	12	ND	ND		05/09/23	19:59	BP	474627
trans-1,2-Dichloroethene	TO15	1.00	0.48	2.0	ND	ND		05/09/23	19:59	BP	474627
Hexane	TO15	1.00	0.46	1.8	ND	ND		05/09/23	19:59	BP	474627
MTBE	TO15	1.00	0.44	1.8	ND	ND		05/09/23	19:59	BP	474627
tert-Butanol	TO15	1.00	0.62	1.5	5.2	1.72		05/09/23	19:59	BP	474627
Diisopropyl ether (DIPE)	TO15	1.00	0.74	2.1	ND	ND		05/09/23	19:59	BP	474627
1,1-Dichloroethane	TO15	1.00	0.54	2.0	ND	ND		05/09/23	19:59	BP	474627
ETBE	TO15	1.00	0.33	2.1	ND	ND		05/09/23	19:59	BP	474627
cis-1,2-Dichloroethene	TO15	1.00	0.83	2.0	ND	ND		05/09/23	19:59	BP	474627
Chloroform	TO15	1.00	0.97	2.4	ND	ND		05/09/23	19:59	BP	474627
Vinyl Acetate	TO15	1.00	0.76	1.8	ND	ND		05/09/23	19:59	BP	474627
Carbon Tetrachloride	TO15	1.00	1.1	3.1	ND	ND		05/09/23	19:59	BP	474627
1,1,1-Trichloroethane	TO15	1.00	0.79	2.7	ND	ND		05/09/23	19:59	BP	474627
2-Butanone (MEK)	TO15	1.00	0.39	1.5	2.2	0.75		05/09/23	19:59	BP	474627

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Peter Sims
Farallon Consulting

Date/Time Received: 05/09/23, 3:45 pm
Date Reported: 05/16/23

Client Sample ID:	F-9-SG-5.0	**Lab Sample ID:**	2305068-002A
Project Name/Location:	Brisbane Quarry	**Sample Matrix:**	Air
Project Number:	1363-006		
Date/Time Sampled:	05/09/23 / 12:04	**Certified Clean WO # :**	
Canister/Tube ID:	A7554	**Received PSI :**	11.5
Collection Volume (L):		**Corrected PSI :**	
SDG:			

Prep Method:	TO15-P	**Prep Batch Date/Time:**	5/9/23	12:45:00PM
Prep Batch ID:	1150910	**Prep Analyst:**	BPATEL	

Parameters:	Analysis Method	DF	MDL ug/m3	PQL ug/m3	Results ug/m3	Results ppbv	Q	Analyzed	Time	By	Analytical Batch
Ethyl Acetate	TO15	1.00	0.48	1.8	ND	ND		05/09/23	19:59	BP	474627
Tetrahydrofuran	TO15	1.00	0.45	1.5	ND	ND		05/09/23	19:59	BP	474627
Benzene	TO15	1.00	0.44	1.6	ND	ND		05/09/23	19:59	BP	474627
TAME	TO15	1.00	0.67	2.1	ND	ND		05/09/23	19:59	BP	474627
1,2-Dichloroethane (EDC)	TO15	1.00	0.42	2.0	ND	ND		05/09/23	19:59	BP	474627
Trichloroethylene	TO15	1.00	0.81	2.7	ND	ND		05/09/23	19:59	BP	474627
1,2-Dichloropropane	TO15	1.00	0.76	2.3	ND	ND		05/09/23	19:59	BP	474627
Bromodichloromethane	TO15	1.00	0.74	3.4	ND	ND		05/09/23	19:59	BP	474627
1,4-Dioxane	TO15	1.00	1.8	3.6	ND	ND		05/09/23	19:59	BP	474627
trans-1,3-Dichloropropene	TO15	1.00	1.1	2.3	ND	ND		05/09/23	19:59	BP	474627
Toluene	TO15	1.00	0.75	1.9	ND	ND		05/09/23	19:59	BP	474627
4-Methyl-2-Pentanone (MIBK)	TO15	1.00	0.75	2.1	ND	ND		05/09/23	19:59	BP	474627
cis-1,3-Dichloropropene	TO15	1.00	0.42	2.3	ND	ND		05/09/23	19:59	BP	474627
Tetrachloroethylene	TO15	1.00	1.5	3.4	ND	ND		05/09/23	19:59	BP	474627
1,1,2-Trichloroethane	TO15	1.00	0.58	2.7	ND	ND		05/09/23	19:59	BP	474627
Dibromochloromethane	TO15	1.00	1.1	4.3	ND	ND		05/09/23	19:59	BP	474627
1,2-Dibromoethane (EDB)	TO15	1.00	0.74	3.8	ND	ND		05/09/23	19:59	BP	474627
2-Hexanone	TO15	1.00	0.65	2.1	ND	ND		05/09/23	19:59	BP	474627
Ethyl Benzene	TO15	1.00	0.63	2.2	ND	ND		05/09/23	19:59	BP	474627
Chlorobenzene	TO15	1.00	0.60	2.3	ND	ND		05/09/23	19:59	BP	474627
1,1,1,2-Tetrachloroethane	TO15	1.00	0.84	3.4	ND	ND		05/09/23	19:59	BP	474627
m,p-Xylene	TO15	1.00	0.98	2.2	ND	ND		05/09/23	19:59	BP	474627
o-Xylene	TO15	1.00	0.30	2.2	ND	ND		05/09/23	19:59	BP	474627
Styrene	TO15	1.00	0.46	2.1	ND	ND		05/09/23	19:59	BP	474627
Bromoform	TO15	1.00	1.3	5.2	ND	ND		05/09/23	19:59	BP	474627
1,1,2,2-Tetrachloroethane	TO15	1.00	0.82	3.4	ND	ND		05/09/23	19:59	BP	474627
4-Ethyl Toluene	TO15	1.00	0.55	2.5	ND	ND		05/09/23	19:59	BP	474627
1,3,5-Trimethylbenzene	TO15	1.00	0.30	2.5	ND	ND		05/09/23	19:59	BP	474627
1,2,4-Trimethylbenzene	TO15	1.00	0.60	2.5	ND	ND		05/09/23	19:59	BP	474627
1,4-Dichlorobenzene	TO15	1.00	0.75	3.0	ND	ND		05/09/23	19:59	BP	474627
1,3-Dichlorobenzene	TO15	1.00	1.3	3.0	ND	ND		05/09/23	19:59	BP	474627
1,2-Dichlorobenzene	TO15	1.00	1.1	3.0	ND	ND		05/09/23	19:59	BP	474627
Hexachlorobutadiene	TO15	1.00	1.9	5.3	ND	ND		05/09/23	19:59	BP	474627
1,2,4-Trichlorobenzene	TO15	1.00	2.2	3.7	ND	ND		05/09/23	19:59	BP	474627
Naphthalene	TO15	1.00	1.3	2.6	ND	ND		05/09/23	19:59	BP	474627
(S) 4-Bromofluorobenzene	TO15	1.00	50	150	100 %			05/09/23	19:59	BP	474627

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Peter Sims
Farallon Consulting

Date/Time Received: 05/09/23, 3:45 pm
Date Reported: 05/16/23

Client Sample ID:	F-9-SG-5.0	**Lab Sample ID:**	2305068-002A
Project Name/Location:	Brisbane Quarry	**Sample Matrix:**	Air
Project Number:	1363-006		
Date/Time Sampled:	05/09/23 / 12:04	**Certified Clean WO # :**	
Canister/Tube ID:	A7554	**Received PSI :**	11.5
Collection Volume (L):		**Corrected PSI :**	
SDG:			

Prep Method:	TO15-GRO	**Prep Batch Date/Time:**	5/9/23	12:45:00PM
Prep Batch ID:	1151351	**Prep Analyst:**	BPATEL	

Parameters:	Analysis Method	DF	MDL ug/m3	PQL ug/m3	Results ug/m3	Results ppbv	Q	Analyzed	Time	By	Analytical Batch
TPH as Gasoline	TO15	1.00	40	180	820	232.95	x	05/09/23	19:59	BA	474627

NOTE: x - Does not match pattern of reference Gasoline standard. Reported TPH value t due to discrete peaks and non-target hydrocarbons within range of C5-C12 quantified as gasoline.

Torrent LABORATORY, INC.

MB Summary Report

Work Order:	2305068	**Prep Method:**	FG-P	**Prep Date:**	05/09/23	**Prep Batch:**	1150826
Matrix:	Air	**Analytical Method:**	D1946	**Analyzed Date:**	5/9/2023	**Analytical Batch:**	474540
Units:	ppmv						

Parameters	MDL	PQL	Method Blank Conc.	Lab Qualifier
Helium	22	5000	ND	

Work Order:	2305068	**Prep Method:**	TO15-P	**Prep Date:**	05/09/23	**Prep Batch:**	1150910
Matrix:	Air	**Analytical Method:**	TO15	**Analyzed Date:**	5/9/2023	**Analytical Batch:**	474627
Units:	ppbv						

Parameters	MDL	PQL	Method Blank Conc.	Lab Qualifier
Dichlorodifluoromethane	0.32	0.50	ND	
1,1-Difluoroethane	0.13	5.0	ND	
1,2-Dichlorotetrafluoroethane	0.20	0.50	ND	
Chloromethane	0.99	2.0	ND	
Vinyl Chloride	0.088	0.50	ND	
1,3-Butadiene	0.15	0.50	ND	
Bromomethane	0.17	0.50	ND	
Chloroethane	0.31	0.50	ND	
Trichlorofluoromethane	0.099	0.50	ND	
1,1-Dichloroethene	0.21	0.50	ND	
Freon 113	0.13	0.50	ND	
Carbon Disulfide	0.12	0.50	ND	
2-Propanol (Isopropyl Alcohol)	0.52	5.0	ND	
Methylene Chloride	0.20	3.0	ND	
Acetone	0.17	5.0	ND	
trans-1,2-Dichloroethene	0.12	0.50	ND	
Hexane	0.13	0.50	ND	
MTBE	0.12	0.50	ND	
tert-Butanol	0.20	0.50	ND	
Diisopropyl ether (DIPE)	0.18	0.50	ND	
1,1-Dichloroethane	0.13	0.50	ND	
ETBE	0.078	0.50	ND	
cis-1,2-Dichloroethene	0.21	0.50	ND	
Chloroform	0.20	0.50	ND	
Vinyl Acetate	0.22	0.50	ND	
Carbon Tetrachloride	0.18	0.50	ND	
1,1,1-Trichloroethane	0.15	0.50	ND	
2-Butanone (MEK)	0.13	0.50	ND	
Ethyl Acetate	0.13	0.50	ND	
Tetrahydrofuran	0.15	0.50	ND	
Benzene	0.14	0.50	ND	
TAME	0.16	0.50	ND	
1,2-Dichloroethane (EDC)	0.10	0.50	ND	
Trichloroethylene	0.15	0.50	ND	
1,2-Dichloropropane	0.17	0.50	ND	
Bromodichloromethane	0.11	0.50	ND	

Torrent LABORATORY, INC.

MB Summary Report

Work Order:	2305068	**Prep Method:**	TO15-P	**Prep Date:**	05/09/23	**Prep Batch:**	1150910
Matrix:	Air	**Analytical Method:**	TO15	**Analyzed Date:**	5/9/2023	**Analytical Batch:**	474627
Units:	ppbv						

Parameters	MDL	PQL	Method Blank Conc.	Lab Qualifier
1,4-Dioxane	0.50	1.0	ND	
trans-1,3-Dichloropropene	0.23	0.50	ND	
Toluene	0.20	0.50	ND	
4-Methyl-2-Pentanone (MIBK)	0.18	0.50	ND	
cis-1,3-Dichloropropene	0.093	0.50	ND	
Tetrachloroethylene	0.22	0.50	ND	
1,1,2-Trichloroethane	0.11	0.50	ND	
Dibromochloromethane	0.13	0.50	ND	
1,2-Dibromoethane (EDB)	0.096	0.50	ND	
2-Hexanone	0.16	0.50	ND	
Ethyl Benzene	0.15	0.50	ND	
Chlorobenzene	0.13	0.50	ND	
1,1,1,2-Tetrachloroethane	0.12	0.50	ND	
m,p-Xylene	0.23	0.50	ND	
o-Xylene	0.070	0.50	ND	
Styrene	0.11	0.50	ND	
Bromoform	0.13	0.50	ND	
1,1,2,2-Tetrachloroethane	0.12	0.50	ND	
4-Ethyl Toluene	0.11	0.50	ND	
1,3,5-Trimethylbenzene	0.061	0.50	ND	
1,2,4-Trimethylbenzene	0.12	0.50	ND	
1,4-Dichlorobenzene	0.12	0.50	ND	
1,3-Dichlorobenzene	0.22	0.50	ND	
1,2-Dichlorobenzene	0.18	0.50	ND	
Hexachlorobutadiene	0.17	0.50	ND	
1,2,4-Trichlorobenzene	0.29	0.50	ND	
Naphthalene	0.24	0.50	ND	
Cyclohexane	0.50	0.50	ND	
Benzyl Chloride	0.20	0.50	ND	
Heptane	0.13	0.50	ND	
(S) 4-Bromofluorobenzene			110	

Work Order:	2305068	**Prep Method:**	TO15-GRO	**Prep Date:**	05/09/23	**Prep Batch:**	1151351
Matrix:	Air	**Analytical Method:**	TO15	**Analyzed Date:**	5/9/2023	**Analytical Batch:**	474627
Units:	ppbv						

Parameters	MDL	PQL	Method Blank Conc.	Lab Qualifier
TPH as Gasoline	11	50	ND	

Torrent LABORATORY, INC.

LCS/LCSD Summary Report

Raw values are used in quality control assessment.

Work Order:	2305068	**Prep Method:**	FG-P	**Prep Date:**	05/09/23	**Prep Batch:**	1150826
Matrix:	Air	**Analytical Method:**	D1946	**Analyzed Date:**	5/9/2023	**Analytical Batch:**	474540
Units:	ppmv						

Parameters	MDL	PQL	Method Blank Conc.	Spike Conc.	LCS % Recovery	LCSD % Recovery	LCS/LCSD % RPD	% Recovery Limits	% RPD Limits	Lab Qualifier
Helium	22	100	ND	5000	93.2	87.2	6.65	65 - 135	30	

Work Order:	2305068	**Prep Method:**	TO15-P	**Prep Date:**	05/09/23	**Prep Batch:**	1150910
Matrix:	Air	**Analytical Method:**	TO15	**Analyzed Date:**	5/9/2023	**Analytical Batch:**	474627
Units:	ppbv						

Parameters	MDL	PQL	Method Blank Conc.	Spike Conc.	LCS % Recovery	LCSD % Recovery	LCS/LCSD % RPD	% Recovery Limits	% RPD Limits	Lab Qualifier
1,1-Dichloroethene	0.21	0.50	ND	8.00	115	108	6.05	65 - 135	30	
Benzene	0.14	0.50	ND	8.00	94.1	89.8	4.76	65 - 135	30	
Trichloroethylene	0.15	0.50	ND	8.00	96.1	86.8	10.3	65 - 135	30	
Toluene	0.20	0.50	ND	8.00	90.6	85.2	6.11	65 - 135	30	
Chlorobenzene	0.13	0.50	ND	8.00	89.2	82.4	8.01	65 - 135	30	
(S) 4-Bromofluorobenzene				20.0	95.2	102		50 - 150		

Laboratory Qualifiers and Definitions

DEFINITIONS:

Accuracy/Bias (% Recovery) - The closeness of agreement between an observed value and an accepted reference value.
Blank (Method/Preparation Blank) -MB/PB - An analyte-free matrix to which all reagents are added in the same volumes/proportions as used in sample processing. The method blank is used to document contamination resulting from the analytical process.
Duplicate - a field sample and/or laboratory QC sample prepared in duplicate following all of the same processes and procedures used on the original sample (sample duplicate, LCSD, MSD)
Laboratory Control Sample (LCS ad LCSD) - A known matrix spiked with compounds representative of the target analyte(s). This is used to document laboratory performance.
Matrix - the component or substrate that contains the analyte of interest (e.g., - groundwater, sediment, soil, waste water, etc)
Matrix Spike (MS/MSD) - Client sample spiked with identical concentrations of target analyte (s). The spiking occurs prior to the sample preparation and analysis. They are used to document the precision and bias of a method in a given sample matrix.
Method Detection Limit (MDL) - the minimum concentration of a substance that can be measured and reported with a 99% confidence that the analyte concentration is greater than zero
Practical Quantitation Limit/Reporting Limit/Limit of Quantitation (PQL/RL/LOQ) - a laboratory determined value at 2 to 5 times above the MDL that can be reproduced in a manner that results in a 99% confidence level that the result is both accurate and precise. PQLs/RLs/LODs reflect all preparation factors and/or dilution factors that have been applied to the sample during the preparation and/or analytical processes.
Precision (%RPD) - The agreement among a set of replicate/duplicate measurements without regard to known value of the replicates
Surrogate (S) or (Surr) - An organic compound which is similar to the target analyte(s) in chemical composition and behavior in the analytical process, but which is not normally found in environmental samples. Surrogates are used in most organic analysis to demonstrate matrix compatibility with the chosen method of analysis
Tentatively Identified Compound (TIC) - A compound not contained within the analytical calibration standards but present in the GCMS library of defined compounds. When the library is searched for an unknown compound, it can frequently give a tentative identification to the compound based on retention time and primary and secondary ion match. TICs are reported as estimates and are candidates for further investigation.
Units: the unit of measure used to express the reported result - **mg/L** and ***mg/Kg*** (equivalent to PPM - parts per million in **liquid** and ***solid***), **ug/L** and ***ug/Kg*** (equivalent to PPB - parts per billion in **liquid** and ***solid***), **ug/m3**, ***mg/m3***, **ppbv** and ***ppmv*** (all units of measure for reporting concentrations in air), **%** (equivalent to 10000 ppm or 1,000,000 ppb), **ug/Wipe** (concentration found on the surface of a single Wipe usually taken over a 100cm2 surface)

LABORATORY QUALIFIERS

B - Indicates when the analyte is found in the associated method or preparation blank
D - Surrogate is not recoverable due to the necessary dilution of the sample
E - Indicates the reportable value is outside of the calibration range of the instrument but within the linear range of the instrument (unless otherwise noted) Values reported with an E qualifier should be considered as estimated.
H- Indicates that the recommended holding time for the analyte or compound has been exceeded
J- Indicates a value between the method MDL and PQL and that the reported concentration should be considered as estimated rather the quantitative
NA - Not Analyzed
N/A - Not Applicable
ND - Not Detected at a concentration greater than the PQL/RL or, if reported to the MDL, at greater than the MDL.
NR - Not recoverable - a matrix spike concentration is not recoverable due to a concentration within the original sample that is greater than four times the spike concentration added
R- The % RPD between a duplicate set of samples is outside of the absolute values established by laboratory control charts
S- Spike recovery is outside of established method and/or laboratory control limits. Further explanation of the use of this qualifier should be included within a case narrative
X -Used to indicate that a value based on pattern identification is within the pattern range but not typical of the pattern found in standards. Further explanation may or may not be provided within the sample footnote and/or the case narrative.

Sample Receipt Checklist

Client Name: Farallon Consulting

Project Name: Brisbane Quarry

Work Order No.: 2305068

Date and Time Received: 5/9/2023 3:45:00PM

Received By: tt

Physically Logged By: Lorna Imbat

Checklist Completed By: Lorna Imbat

Carrier Name: Client Drop Off

Chain of Custody (COC) Information

Chain of custody present?	Yes
Chain of custody signed when relinquished and received?	Yes
Chain of custody agrees with sample labels?	Yes
Custody seals intact on sample bottles?	Not Present

Sample Receipt Information

Custody seals intact on shipping container/cooler?	Not Present
Shipping Container/Cooler In Good Condition?	Yes
Samples in proper container/bottle?	Yes
Samples containers intact?	Yes
Sufficient sample volume for indicated test?	Yes

Sample Preservation and Hold Time (HT) Information

All samples received within holding time?	Yes
Container/Temp Blank temperature in compliance?	Temperature: °C
Water-VOA vials have zero headspace?	No VOA vials submitted
Water-pH acceptable upon receipt?	N/A

pH Checked by: n/a

pH Adjusted by: n/a

Comments:

Login Summary Report

Client ID:	TL6500	Farallon Consulting	**QC Level:**	II
Project Name:	Brisbane Quarry		**TAT Requested:**	5+ day:5
Project # :	1363-006		**Date Received:**	5/9/2023
Report Due Date:	5/26/2023		**Time Received:**	3:45 pm

Comments:

Work Order # : ***2305068***

WO Sample ID	Client Sample ID	Collection Date/Time	Matrix	Scheduled Disposal	Sample On Hold	Test On Hold	Requested Tests	Subbed
2305068-001A	F-4-SG	05/09/23 12:54	Air				VOC_A_TO15 VOC_A_FG D1946	
Sample Note:	TO15 & Helium							
2305068-002A	F-9-SG-5.0	05/09/23 12:04	Air				VOC_A_TO15 VOC_A_FG D1946 VOC_A_TO15GRO	

Torrent LABORATORY, INC.

2305068
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Torrent LABORATORY, INC.
483 Sinclair Frontage Road
Milpitas, CA 95035
Phone: 408.263.5258
FAX: 408.263.8293
www.torrentlab.com

CHAIN OF CUSTODY

• NOTE: SHADED AREAS ARE FOR TORRENT LAB USE ONLY •

LAB WORK ORDER NO

Company Name: Farallon Consulting ☐ ☐ Env. ☐ Special			Project #: 1363-006 PO #:
Address: 330 Franklin St. Suite 200			Project Name: Brisbane Quarry
City: Oakland	State:	Zip Code: 94607	Comments: Cc. lmosqueda@farallonconsulting.com
Telephone: 510-879-6800	Cell: 408-835-5899		SAMPLER: L. Mosqueda Quote #:
REPORT TO: Peter Sims	BILL TO: AP@farallonconsulting.com		EMAIL: psims@farallonconsulting.com

TURNAROUND TIME:
☐ 10 Work Days ☐ 4 Work Days ☐ 1 Work Day
☐ 7 Work Days ☐ 3 Work Days ☐ Noon - Nxt Day
☒ 5 Work Days ☐ 2 Work Days ☐ 2 - 8 Hours

SAMPLE TYPE:
☐ Indoor Air
☐ Ambient Air
☒ Soil/Gas Vapor
☐ Other

REPORT FORMAT:
☐ Level II - Std.
☐ Excel - EDD
☐ EDF ☐ Std.-EDD
☐ QC Level III
☐ QC Level IV

ANALYSIS REQUESTED

LAB ID	CLIENT'S SAMPLE I.D.	DATE / TIME SAMPLED	MATRIX	# OF CONT	CONT TYPE	CANISTER I.D.	Initial Vac.	Final Vac.	Flow Controller #	TO 15	TO 15 SIM	TO 17	Helium			REMARKS
-001A	F-4-SG	05/09/2023 1254	SG	1	6L (1L)	A7464	-29	-4	E86	X			X			
-002A	F-9-SG-5.0	05/09/2023 1204	SG	1	6L (1L)	A7554	-29.5	-4	E58	X			X			
					6L 1L											
					6L 1L											
					6L 1L											
					6L 1L											
					6L 1L											
					6L 1L											
					6L 1L											
					6L 1L											
					6L 1L											

	Relinquished By:	Print:	Date:	Time:	Received By:	Print:	Date:	Time:
1	Lmosqueda	L. Mosqueda	05/09/2023	15:45		TAMMY THAEH	05/09/2023	15:45
2	Relinquished By:	Print:	Date:	Time:	Received By:	Print:	Date:	Time:

Were Samples Received in Good Condition? ☒ Yes ☐ NO Samples on ice? ☐ Yes ☒ NO Method of Shipment Drop off Sample seals intact? ☐ Yes ☐ NO ☒ N/A

NOTE: Samples are discarded by the laboratory 30 days from date of receipt unless other arrangements are made.

Logged By: _____ Date _____ Labeled By: _____ Date _____ Time _____ Page _____ of _____

APPENDIX E
GPR SURVEY FIGURE

ADDITIONAL ENVIRONMENTAL INVESTIGATION REPORT
1 Quarry Road
Brisbane, California

Farallon PN: 1363-006



EXPLANATION

- Telephone
- Edge of UST excation
- Buried Metal

0 25 FEET

General Notes

Map showing the location of the telephone in orange, buried metal in blue and magenta represents the interpreted edge of a UST excavation.

No.	Revision/Issue	Date

Firm Name and Address

ADVANCED GEOLOGICAL SERVICES

1605 School Street
Suite 4
Moraga, CA 94556

Project Name and Address

Brisbane Quarry
Brisbane, CA
Geophysical Results Sketch

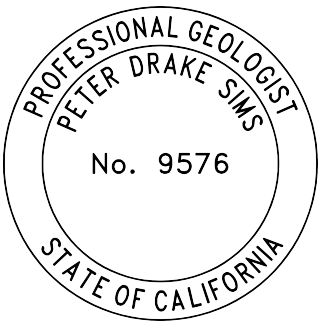
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MEDIA MANAGEMENT PLAN

1 Quarry Road
Brisbane, California

Farallon PN: 1363-006

November 13, 2023



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APPENDICES

Appendix A Figure and Tables From 2023 Additional Investigation

Appendix B GPP Characterization and Reuse of Petroleum Hydrocarbon Impacted Soil

Appendix C DTSC Information Advisory, Clean Imported Fill Material

ACRONYMS AND ABBREVIATIONS

bgs	below ground surface
CCR	California Code of Regulations
Contractor	the party appointed by Orchard or by another party(ies) to conduct Site improvements or redevelopment
DTSC	Department of Toxic Substances Control
Environmental Professional	the engineer or environmental consultant appointed by Orchard and/or the Contractor (the party appointed by Orchard or by another party(ies) to conduct Site improvements or redevelopment) to assist in monitoring environmental conditions or activities
EPA	U.S. Environmental Protection Agency
ESA	Environmental Site Assessment
Farallon	Farallon Consulting, L.L.C.
HASP	Health and Safety Plan
metals	California Administrative Manual 17 Metals
MMP	Media Management Plan
mg/kg	milligrams per kilogram
Orchard	Orchard Partners, LLC
PID	photoionization detector
potentially contaminated soil	soils exhibiting visual and/or olfactory evidence of impacts, elevated photoionization detector readings, or other evidence of impacts
Proposition 65	California Safe Drinking Water and Toxic Enforcement Act of 1986
Site	the property at 1 Quarry Road in Brisbane, California
TPH	total petroleum hydrocarbons
TPHd	total petroleum hydrocarbons as diesel
TPHg	total petroleum hydrocarbons as gasoline
VOCs	volatile organic compounds

1.0 INTRODUCTION

Farallon Consulting, L.L.C. (Farallon) has prepared this Media Management Plan (MMP) on behalf of Orchard Partners, L.L.C. (Orchard) for the property at 1 Quarry Road in Brisbane, California (herein referred to as the Site) (Figure 1). The purpose of this MMP is to provide protocols for managing confirmed and potentially contaminated media that may be encountered during future improvement activities involving subsurface work at the Site.

This document has been organized into the following sections:

Section 2, Site Description and Background, provides a description of the Site and its historical use, the general Site setting, regional geology, and hydrogeology.

Section 3, Known Environmental Conditions, summarizes the Site regulatory status, environmental investigations previously conducted at the Site, the defining regulations applicable to the Site, the areas of concern, and the areas where chemical constituents have been detected or are presumed to be present at concentrations exceeding the defining regulations.

Section 4, Media Management Plan, presents the details of this MMP, including requirements for communication, health and safety, and reporting; and management of soil, groundwater, stormwater, and unanticipated subsurface features or conditions.

Section 5, Scope, Representations, and Limitations, provides the details of these subjects under this MMP.

Section 6, **References**, lists the documents cited in this MMP.

2.0 SITE DESCRIPTION AND BACKGROUND

This section provides a description of the Site and its historical use, the general Site setting, and geology and hydrogeology.

2.1 SITE DESCRIPTION AND HISTORICAL USE

The Site is southwest of the termination of Quarry Road, approximately 1.5 miles west of Highway 101. The current Site address is 1 Quarry Road, but historical documents also use 1 Old Quarry Road as the Site address. The location is in a primarily commercial and industrial area approximately 7 miles south of downtown San Francisco. The nearest residential development is approximately 0.6 mile west of the Site. The Site vicinity is shown on Figure 1.

The Site consists of San Mateo County Parcel Nos. 005-270-070, 005-270-080, 005-270-090, and 005-270-110, which total approximately 144 acres of land developed with several small single-story office buildings and storage canopies. All structures and storage features are less than 1,000 square feet in size. Storage canopies were used to store nonhazardous and hazardous materials and wastes related to active quarrying operations historically conducted on the Site. Other features on the Site include asphalt mixing equipment, rock-crushing equipment, recycled material piles, and stormwater/seepage ponds. The dates of construction of the Site features were not located, but based on historical research, some features date back to the late 1800s and early 1900s. Dirt- and gravel-surface roadways are present on the Site. Vehicular access to the Site is gained from Quarry Road at the northeastern corner of the Site. Figure 2 presents a plan map of the Site.

The Site is owned by several individuals and trusts, and is under contract for purchase by Orchard. The Site is occupied by Evans Brothers, Inc. (Evans Brothers), part of the ownership group, and is used primarily as a rock quarry. Operations primarily include asphalt mixing, rock crushing, and metal and concrete recycling. Historically, sand has been imported from several construction sites around the Bay Area and used for mixing in asphalt-generation operations. Imported sand that originated from construction sites in the San Francisco area required screening for chemical impact by the City of San Francisco as part of development activities under current operations, which began in 1978. According to representatives of Evans Brothers, the material imported from off-Site sources consisted of dune sand generated from depths of 20 to 50 feet below grade. Details regarding material that may

have been imported prior to 1978 are not known. Since approximately 2019, Site operations have been reduced and consist of material export.

Excavators and equipment reportedly are maintained by a mobile outside contractor. Virgin oil used and petroleum wastes generated by Site operations are stored on the Site. Virgin oil storage generally consists of a 20,000-gallon heavy oil aboveground storage tank (AST) and a 1,000-gallon tack oil AST. The heavy oil is mixed with sand to make liquid asphalt, and the tack oil is used as an asphalt sealant. Shortly after it is made, liquid asphalt is transported off the Site along with a corresponding supply of asphalt sealant, where it is used for various development and roadway projects. Waste oil generated from the use of on-Site equipment primarily is stored in a 500-gallon AST. Other materials used in connection with on-Site operations include an oxygen tank, an acetylene tank, several water tanks, and various maintenance and cleaning supplies. Solvents are not currently used and, according to Site representatives, have not been historically used, stored, or generated on the Site. Several stormwater capture or natural seepage ponds are present on the Site; water from these ponds is used for truck traffic dust control.

2.2 GENERAL SITE SETTING

The Site is at an average elevation of approximately 226 feet above mean sea level, with elevations ranging from approximately 150 to 700 feet above mean sea level. The Site topography slopes down to the northeast from San Bruno Mountain at the top of the quarry toward Guadalupe Valley at the bottom. The topography in the general vicinity of the Site slopes down to the east toward San Francisco Bay.

2.3 GEOLOGY AND HYDROGEOLOGY

According to prior assessments of the Site, the Site is underlain by deep quarry fills, colluvium, and alluvium overlying Franciscan Formation bedrock. Quarry waste fills were identified in borings up to approximately 156 feet below ground surface (bgs).

Shallow groundwater flow direction typically can be estimated by examination of surface topography or by nearby surface water bodies. Based on the topography of the Site and vicinity, groundwater is expected to flow to the northeast. According to prior assessments, groundwater has been documented to flow to the northeast on the northern portion of the Site, and was encountered at depths of between 12 and 16 feet bgs. Groundwater is believed to occur seasonally in variable shallow perched layers across the Site.

3.0 KNOWN ENVIRONMENTAL CONDITIONS

This section summarizes environmental investigations previously conducted at the Site, the defining regulations applicable to the Site, and the areas where chemical constituents have been detected or are presumed to be present at concentrations exceeding the defining regulations.

3.1 PREVIOUS ENVIRONMENTAL INVESTIGATIONS

The historical record for the Site contained extensive correspondence and numerous reports related to underground storage tank (UST) removal and cleanup actions completed under the oversight of the San Mateo County Health Department (SMCHD). According to SMCHD records, the USTs included two 10,000-gallon USTs (one diesel fuel and one gasoline) near the Site entrance that were removed in July 1986, and an 8,000-gallon diesel fuel UST near the asphalt plant that was removed in April 1992. Investigation and cleanup actions were completed between 1990 and 1996, and SMCHD issued case closure in a memorandum regarding Site No. 560002, American Rock and Asphalt, 1 Old Quarry Road, Brisbane, California 94005 dated May 13, 1999, from the Groundwater Protection Program staff to file.

In 2006, four USTs containing asphalt or asphalt emulsion that were installed in the 1960s were cleaned and removed. These USTs were encased in asphalt and a portion of one remained in-place due to the presence of nearby structures. During removal, limited over-excavation of hardened asphalt material was conducted at the bottom and sidewalls of the excavation. SMCHD issued conditional closure of the asphalt oil USTs in a letter regarding Residual Hydrocarbons at 1 Old Quarry Road, Brisbane, California dated April 18, 2007 from Charles Ice of SMCHD to Bill Prince of the City of Brisbane (Closure Letter). The closure letter indicated residual petroleum impact exists proximate to the former USTs, and notification to SMCHD is required in the event of a future change in land use.

In addition to the UST-related reports and correspondence, the following reports were prepared for the Site:

- *Phase I Environmental Site Assessment, California Rock and Asphalt, Inc., Brisbane, California* dated May 13, 1999, prepared by Lowney Associates (1999 Phase I ESA);
- *One Quarry Road Residential Project Environmental Impact Report* dated April 2001, prepared by LSA Associates, Inc.;

- *Phase I Environmental Site Assessment Report, Brisbane Quarry, 1 Quarry Road, Brisbane, California* dated January 16, 2019, prepared by Farallon (2019 Phase I ESA);
- Letter Regarding Phase II Environmental Site Assessment Findings, Brisbane Quarry, 1 Quarry Road, Brisbane, California dated August 21, 2019, prepared by Farallon (2019 Phase II ESA);
- *Geotechnical Feasibility Evaluation, Crocker Logistics Center, 1 Quarry Road, Brisbane, California* dated February 16, 2022, prepared by Cornerstone Earth Group (2022 Geotechnical Study);
- *Supplemental Data and Proposed Redevelopment Report, Brisbane Quarry, 1 Quarry Road, Brisbane, California* dated August 15, 2023, prepared by Farallon (2023 Redevelopment Report);
- Technical Memorandum Regarding Addendum to Supplemental Data and Proposed Redevelopment Report, Brisbane Quarry, 1 Quarry Road, Brisbane, California dated September 19, 2023, prepared by Farallon (2023 Redevelopment Addendum); and
- *Revised Additional Environmental Investigation Report, Brisbane Quarry, 1 Quarry Road, Brisbane, California* dated October 3, 2023, prepared by Farallon (2023 Additional Investigation).

The findings from the above documents identified a number of historical issues of potential environmental concern that warranted either further investigation or management during redevelopment. These historical issues and resulting investigations are summarized below.

During performance of the 2019 Phase I ESA, Farallon identified a significant amount of fill material at the Site. Several large stockpiles of imported concrete and sand were observed during the site reconnaissance. The 2019 Phase II ESA consisted of sampling imported sand from the southern portion of the Site. The findings from the 2019 Phase II ESA did not identify conditions that would adversely affect commercial use of the Site.

The 2022 Geotechnical Study describes geotechnical borings advanced at the Site by Cornerstone in 2021 and others in 1987, 2000, and 2003. Subsurface material at the Site consists of quarry waste fills to depths of up to 156 feet bgs. The quarry waste fills are described as highly variable and may consist of soft to hard clays; loose to very dense sands

and gravels; rubble consisting of steel, concrete, asphalt, and brick; and other materials of variable consistency and density.

During the entitlement process for redevelopment of the Site, consultants for the City of Brisbane identified potential environmental concerns that in their opinion had not been adequately addressed for the Site. These included the following:

- Potential releases from historical maintenance and chemical storage areas;
- Potential impact from a former truck bed spray area, located adjacent to a former diesel UST proximate to the asphalt plant, where diesel fuel was used as a non-stick agent on truck beds;
- Current conditions proximate to former gasoline and diesel USTs on the northeastern portion of the Site;
- Historical reported staining beneath former gasoline and diesel ASTs on the northeastern portion of the Site;
- Other areas of imported fill material that had not been sampled, and previous use of composite soil sample collection methods, as opposed to the use of discrete soil sample collection methods, for laboratory analysis as preferred by the City's consultant;
- Potential for concrete storage/recycling to include asbestos, silica dust, and/or elevated pH (Concrete Residuals); and
- Notification to SMCHD that a change in land use is proposed, as required by the UST Closure Letter.

Based on the above comments, Farallon performed additional characterization at the Site as described in the 2023 Additional Investigation. In summary, the scope of work consisted of advancing 29 borings for collection of soil, soil gas, and/or groundwater samples for laboratory analysis of one or more of the following: total petroleum hydrocarbons (TPH), volatile organic compounds (VOCs), semi-volatile organic compounds, polycyclic aromatic hydrocarbons, pesticides, polychlorinated biphenyls, metals, asbestos, and pH. Copies of figures and tables from the 2023 Additional Investigation are included in Appendix A. Data obtained from the 2023 Additional Investigation were compared to San Francisco Bay Regional Water Quality Control Board, Environmental Screening Levels (ESLs), as summarized in the tables included in Appendix A. The following analytical results exceeded

the regulatory screening levels in samples analyzed during the 2023 Additional Investigation:

1. TPH as gasoline-range organics (TPHg) and/or diesel-range organics (TPHd) were detected in soil and/or reconnaissance groundwater samples collected on the northern portion of the Site proximate to former USTs at concentrations exceeding corresponding ESLs.
2. TPHd was detected at a concentration of 4,000 milligrams per kilogram (mg/kg) in the soil sample collected from boring F-8 at a depth of 1 foot bgs, proximate to a former equipment storage/service/maintenance area, which exceeds the ESL of 1,100 to 1,200 mg/kg.
3. Nickel was detected at a concentration of 93 mg/kg in the soil sample collected from boring F-19 at a depth of 20 feet bgs, an area containing fill material, which exceeds the construction worker ESL of 86 mg/kg. Nickel occurs naturally in California soils at concentrations exceeding the ESL.
4. Naphthalene was detected at a concentration of 1.6 mg/kg in the soil sample collected from F-22 at a depth of 30 feet bgs, an area of recycled material and imported fill material, which exceeds the leaching to groundwater levels ESL of 1.2 mg/kg.
5. TPHd was detected at a concentration of 5,900 mg/kg in the soil sample collected from F-24 at a depth of 1 foot bgs, an area of recycled material and imported fill material, which exceeds the ESL of 1,100 to 1,200 mg/kg.

In compliance with notifying SMCHD of a change in land use, Farallon prepared the 2023 Redevelopment Report which provided a summary of planned Site redevelopment, and additional data obtained from the northern portion of the Site (exceedances under Item 1 above) proximate to former USTs. The 2023 Redevelopment Report concluded that since TPH impact on the northern portion of the Site would be 15 to 55 feet below the final redevelopment grade, no further action is warranted. During review of the 2023 Redevelopment Report, SMCHD requested an additional cross-sectional figure illustrating current grade to proposed grade. The cross-section figure provided in the 2023 Redevelopment Addendum showed residual TPH impact proximate to the USTs would not be encountered during redevelopment. Following complete review of these documents, SMCHD concurred via email on October 4, 2023 with the recommendations of the 2023 Redevelopment Report that no further action for the historical UST releases is warranted under the proposed redevelopment scenario. Subsequent discussions with SMCHD

regarding exceedances of ESLs in soil on other portions of the Site (items 2 through 5 above) resulted in development of this MMP for approval by SMCHD.

3.2 DEFINING REGULATIONS

In accordance with discussion with SMCHD, defining regulations for petroleum constituents in soil at the Site that are encountered during redevelopment will be in accordance with San Mateo County Groundwater Protection Program (GPP) *Characterization and Reuse of Petroleum Hydrocarbon Impacted Soil* policy dated September 5, 2019 (GPP Soil Reuse Policy) and provided in Appendix B. Defining regulations for non-petroleum constituents encountered during redevelopment of the Site will be commercial/industrial and leaching to groundwater levels ESLs. Defining regulations for off-site reuse of soil will be residential ESLs. Known conditions that exceed ESLs and will not be encountered during redevelopment do not require further assessment or off-site disposal. ESLs are provided in Tables 2 through 14 of Appendix A.

3.3 AREAS OF CONCERN AND CONSTITUENTS OF CONCERN EXCEEDING DEFINING REGULATIONS

Based on findings from previous subsurface investigations in conjunction with the proposed redevelopment plan, the following areas of concern were identified for the Site that are anticipated to be encountered during redevelopment. These areas are illustrated on Figure 3.

- **Boring F-8 Area** – TPHd was detected at a concentration of 4,000 mg/kg in the soil sample collected from boring F-8 at a depth of 1 foot bgs, which exceeds the ESL of 1,100 to 1,200 mg/kg. TPHd was not detected at a concentration exceeding the ESL in the soil sample collected at 3 feet bgs from boring F-8, which indicates TPHd is present in surficial soils only. Shallow soil in the Boring F-8 Area will be encountered during redevelopment and will be managed in accordance with this MMP.
- **Boring F-22 Area** – Naphthalene was detected at a concentration of 1.6 mg/kg in the soil sample collected from boring F-22 at a depth of 30 feet bgs, which exceeds the leaching to groundwater levels ESL of 1.2 mg/kg. Other TPH constituents were not detected at concentrations exceeding ESLs in other soil samples analyzed from boring F-22. Based on the Site redevelopment grading plan, approximately 78 feet of soil will be redistributed from the Boring F-22 Area, so the naphthalene detection will be encountered during redevelopment and will be managed in accordance with this MMP.

- **Boring F-24 Area** – TPHd was detected at a concentration of 5,900 mg/kg in the soil sample collected from boring F-24 at a depth of 1 foot bgs, which exceeds the ESL of 1,100 to 1,200 mg/kg. TPHd was not detected at a concentration exceeding the commercial ESL in the soil sample collected at 5 feet bgs from F-24, or other soil samples analyzed in the area. Shallow soil in the Boring F-24 Area will be encountered during redevelopment and will be managed in accordance with this MMP.

4.0 MEDIA MANAGEMENT PLAN

This section presents the details of this MMP. This MMP was developed to provide protocols for managing media that are known to be or potentially are chemically impacted that may be encountered during redevelopment activities conducted at the Site. Elements of this MMP include:

- Communication requirements;
- Health and safety requirements;
- Soil management;
- Stormwater management;
- Unanticipated subsurface conditions; and
- MMP reporting requirements.

The objective of this MMP is to minimize risk to human health, and to ensure protection of the environment during activities associated with redevelopment of the Site. Before any earthwork activities commence at the Site, this MMP should be made available to workers to address possible environmental risks associated with chemically impacted soil or unanticipated subsurface conditions.

The terms below as used throughout this MMP are defined as follows:

- Contractor—the party appointed by Orchard or by another party(ies) to conduct Site improvements or redevelopment; and
- Environmental Professional—the engineer or environmental consultant appointed by Orchard and/or the Contractor to assist in monitoring environmental conditions or activities.

4.1 COMMUNICATION REQUIREMENTS

Chemically impacted soil encountered under anticipated conditions during grading activities conducted at the Site will be managed in accordance with the procedures described in this MMP. Those areas are illustrated on Figure 3 and include:

- Boring F-8 Area between 1 and 2.5 feet bgs;
- Boring F-22 Area at 30 feet bgs or greater; and
- Boring F-24 Area between 1 and 4.5 feet bgs.

Representatives for the Environmental Professional will be on-Site for environmental screening during earthwork activities in these areas.

In the event unanticipated conditions are encountered, earthwork should be stopped, and the Environmental Professional will be notified within 24 hours of discovery of such conditions. Any reuse of potentially contaminated soil in other areas of the Site requires prior laboratory analysis, as outlined in Section 4.4.5, On-Site Reuse of Soil and Off-Site Disposal of Soil, and subsequent written approval by the Environmental Professional. Reporting requirements related to earthwork activities are described in Section 4.7, Media Management Plan Reporting Requirements.

4.2 HEALTH AND SAFETY REQUIREMENTS

The Contractor or the Environmental Professional is responsible for preparing a Health and Safety Plan (HASP) for all tasks performed that require subsurface work in the areas of known impact (Figure 3), or if suspect environmental conditions are encountered at other areas of the Site. The HASP will provide the following information:

- The health and safety considerations for the specific chemical constituents detected or potentially present at the Site;
- Personal protective equipment and monitoring requirements; and
- The physical hazards associated with the planned tasks.

The HASP will detail all planned construction activities and will describe standard safety precautions (e.g., protective gear for workers, proper soil handling techniques). The HASP will describe the minimum safety measures to be implemented at the Site during all activities. The Contractor or the Environmental Professional is responsible for ensuring that the safety precautions detailed in the HASP are implemented and monitored during all activities at the Site.

The Contractor and the Environmental Professional will abide by all applicable federal, state, and local regulations and codes relating to health and safety and will adhere to all California Occupational Safety and Health Administration regulations contained in Title 8 of the California Code of Regulations (8 CCR), as they apply to the Site activities. Applicable regulations may include but are not limited to the following:

- Injury and Illness Prevention Program (8 CCR 1509 and 3202);
- Hazardous Waste Operations and Emergency Response (8 CCR 5192);
- Hazard Communication (8 CCR 5194);

- Personal Protective Equipment (8 CCR 10);
- Respiratory Protective Equipment (8 CCR 5144);
- Control of Noise Exposure (8 CCR 5095 through 5100);
- Excavations (8 CCR 1503 and 1539 through 1547);
- Fire Prevention and Suppression Procedures (8 CCR 4848);
- Portable Fire Extinguishers (8 CCR 6151);
- Cleaning, Repairing, Servicing, and Adjusting Prime Movers, Machinery, and Equipment Lockout/Tagout (8 CCR 3314); and
- Medical Services and First Aid (8 CCR 3400).

Detected and potential chemicals in soil at the Site have been identified under the California Safe Drinking Water and Toxic Enforcement Act of 1986 (Proposition 65) and are known to cause cancer and reproductive toxicity. Proposition 65 warnings are required if the estimated exposure to a person exceeds the California Office of Environmental Health Hazard Assessment "safe harbor level." The safe harbor level terms for carcinogens and chemicals with reproductive end points are "no significant risk levels" and "maximum allowable dose levels," respectively. The Contractor or Environmental Professional is responsible for conducting an independent evaluation to determine the need for Proposition 65 notifications for their workers.

If physical indications of potential contamination in soil (e.g., odor, staining) are observed during earthwork, a photoionization detector (PID) will be used to monitor air and soil for VOCs in the area where work is performed. Action levels will be established in the HASP by the Contractor or Environmental Professional.

Any equipment that has been in contact with known or potentially contaminated soil or groundwater during work conducted at the Site requires decontamination before being used at another location at the Site or before being removed from the Site. The exterior of any vehicle that has been exposed to potentially contaminated soil requires decontamination using brooms or brushes to remove loose soil. If soil remains after brushing, the contaminated surfaces should be washed.

4.3 SOIL MANAGEMENT

This section describes the procedures for handling soil during earthwork activities conducted at the Site.

4.3.1 Site Access

A fence, k-rail, or other appropriate means will be used to surround and limit access to construction areas or soil stockpiles where known or potentially contaminated soil is exposed.

4.3.2 Soil Excavation

A HASP prepared by the Contractor or the Environmental Professional is required for all earthwork activities conducted in known or potentially contaminated areas of the Site, as specified in Section 4.2, Health and Safety Requirements. If contaminated soil is brought to the surface by grading, excavation, or trenching, provisions stipulated in California State and/or federal law will be followed. Any stockpiling or on-Site reuse of excavated soil must be performed in accordance with the procedures described in this section.

In areas of known contamination (Figure 3), the areas will be screened for physical indications (e.g., odor, staining) and/or elevated PID readings (PID readings exceeding 50 parts per million), and any soils exhibiting evidence of impact will be excavated and stockpiled in accordance with Section 4.3.4, Soil Stockpiling, and sampled in accordance with Section 4.3.3, Soil Confirmation Sampling. If no evidence of impact is observable in the areas of known contamination, a minimum of three potholes to a depth of three feet below the previous sampling location will be performed within a 100-square-foot area around the former boring location for sample collection and analysis, in accordance with the procedures outlined in Section 4.3.3, Soil Confirmation Sampling.

4.3.3 Soil Confirmation Sampling

Soil confirmation sampling is defined as collecting soil samples at the limits of an excavation for laboratory analysis. Soil confirmation sampling typically is performed to document removal of chemically impacted soil to a specific cleanup level. Any excavated or in-situ soils confirmed to be contaminated due to visual and/or olfactory observations, elevated PID readings, chemical sampling analysis, or other evidence of impacts will include soil confirmation sampling.

At a minimum, confirmation sampling from an excavation of potentially contaminated soils will include discrete soil samples for laboratory analysis from the mid-point of each compass direction sidewalls and the base of the excavation. If larger excavations are required, confirmation soil samples will be collected every 20 feet from excavation sidewalls and bases for laboratory analysis.

In the event no evidence of impact is observable proximate to known areas of impact, a minimum of three discrete soil samples will be collected for laboratory analysis from three potholes, as described in Section 4.3.2, Soil Excavation.

Soil confirmation samples from soil stockpiles will be collected and analyzed in accordance with GPP Soil Reuse Policy (Appendix B).

Soil confirmation samples will be initially analyzed for the following constituents:

- VOCs and TPHg by U.S. Environmental Protection Agency (EPA) Method 8260B; and
- TPHd and TPH as motor oil-range organics by EPA Method 8015.

Additional analysis may be required by the GPP Soil Reuse Policy or from the receiving facility for soils requiring off-Site disposal.

4.3.4 Soil Stockpiling

Stockpiled soil originating at the Site that is suspected to be contaminated based on physical indications (e.g., odor, staining) and/or elevated PID readings is required to be covered at the end of each workday. Practical considerations (e.g., the size of the stockpile, weather conditions, the length of time the stockpile will remain) will be used in determining the appropriate covering method. When uncovered and as needed, stockpiled soil at the Site will be wetted to mitigate fugitive dust. In the event that soil in the stockpile is known or has the potential to be to be chemically impacted, the stockpile will be fenced and otherwise protected. Stormwater management with regard to sediment runoff will be consistent with local, state, and federal rules and regulations, including those set forth by Alameda County (under its Clean Water Program), and by the Regional Water Quality Control Board. Additional measures must be taken to prevent runoff from entering storm drains leading to San Francisco Bay, as outlined in Section 4.5, Stormwater Management.

4.3.5 On-Site Reuse of Soil and Off-Site Disposal of Soil

Soil stockpiled on the Site that is noted with visual and/or olfactory impacts or elevated PID readings requires laboratory analysis prior to reuse at the Site or off-Site disposal. Soil stockpile sampling requirements for suspected impacted soil will be performed in accordance with the GPP Soil Reuse Policy (Appendix B). Any on- or off-site reuse of chemically impacted soil must be approved in writing from SMCHD. The frequency of sampling is described in Section 4.3.3, Soil Confirmation Sampling. Upon receipt of analytical results, soils that do not exceed the defining regulations for any compounds analyzed can be reused on-Site. If any compounds are detected at concentrations exceeding

defining regulations, soils will require off-Site disposal, unless approved to remain on-Site by SMCHD. Off-site disposal of soil at a licensed landfill may be sampled in accordance with the landfill requirements without approval of SMCHD. Off-site reuse of soil from areas of the Site that are not noted with visual and/or olfactory impacts or elevated PID readings may be sampled in accordance with the Department of Toxic Substances Control (DTSC) *Information Advisory, Clean Imported Fill Materials* dated October 2001 and provided in Appendix C.

4.3.6 Off-Site Reuse of Soil

Written approval from SMCHD is required for any off-Site reuse of soil generated from earthwork activities or excavated at the Site. Soil intended for off-Site reuse must be sampled and meet the characterization requirements outlined in Section 4.3.5, On-Site Reuse of Soil and Off-Site Disposal of Soil. The sampling frequency for soil being removed from the Site will be determined by the Environmental Professional on a case-by-case basis, and by the receiving facility.

4.3.7 Imported Fill Material

Written approval from Orchard is required for any importation of fill material to the Site. All imported fill is required to meet the minimum profile requirements outlined in the DTSC *Information Advisory, Clean Imported Fill Material* dated October 2001 and provided in Appendix C, and must be from sources not expected to contain contamination. Any imported fill material from other commercial or urban development projects requires approval in writing from SMCHD prior to import.

4.3.8 Dust Control

Implementation of dust-control measures to minimize dust generation is required during earthwork activities conducted at the Site. Basic dust-control measures described in *California Environmental Quality Act, Air Quality Guidelines* dated May 2010, prepared by the Bay Area Air Quality Management District (2010), must be followed. It is the responsibility of the Contractor to ensure that the presence of dust is minimized during construction activities, and that all applicable local and state dust-control requirements are met. Should construction activities result in observable dust at the boundary of the Site, enhanced control measures will be performed by the Contractor.

4.4 GROUNDWATER MANAGEMENT

Based on conditions discussed in Section 2.3, Geology and Hydrogeology, groundwater is anticipated to be encountered between depths of 12 and 16 feet bgs. Groundwater beneath the northern portion of the Site has been documented to contain TPH. However, the grading

plan calls for the northern portion to receive fill from other portions of the Site and groundwater is not expected to be encountered in the area during redevelopment. In the event groundwater is encountered and requires dewatering, the groundwater should be pumped into holding tanks, and sampled to determine treatment requirements or appropriate disposal methods.

Samples of dewatering effluent will be analyzed for parameters required for the selected discharge point (e.g., storm drain, sanitary sewer), and at a minimum TPH. Dewatering effluent discharged into storm drains requires a National Pollutant Discharge Elimination System permit. Dewatering effluent discharged into the sanitary sewer requires permits from local authorities. The Contractor is responsible for determining and complying with all permit requirements for groundwater extraction and disposal.

Before dewatering effluent is discharged, analyses required by the receiving facility will be conducted. The Contractor is responsible for determining the analyses required by the receiving facility. Concentrations of any contaminant detected will be compared to the limits established by the receiving facility. If detected concentrations are less than receiving facility limits and all other requirements (e.g., turbidity) are met, the dewatering effluent will be discharged. If detected concentrations exceed receiving facility limits, the effluent must be either disposed of at a licensed off-Site disposal facility, or treated, and discharged on the Site after subsequent sample analysis confirms that treatment was successful. In the event that long-term dewatering is required (e.g., over the duration of construction), sample analysis will be conducted by the Contractor to determine whether treatment is necessary, or direct discharge is possible.

4.5 STORMWATER MANAGEMENT

Runoff of sediment in stormwater to nearby storm drains will be minimized by implementing applicable stormwater pollution controls. The Contractor is required to obtain all necessary stormwater permits, and to implement best management practices during construction activities conducted at the Site.

4.6 UNANTICIPATED SUBSURFACE CONDITIONS

It is unknown whether the locations of all utilities at the Site have been identified and marked. Unknown historical features or other structures also may be present at the Site and

may be encountered during construction activities. Unanticipated subsurface features or conditions that may be present at the Site include:

- USTs;
- Concrete vaults or slabs;
- Oil-water separators or clarifiers;
- Underground piping containing chemicals; and/or
- Chemically impacted soil.

If the Contractor encounters an unanticipated condition, the Contractor will stop work, secure the work area, and notify the Environmental Professional within 24 hours of discovery of the condition. The Environmental Professional will identify and contact the appropriate entity to respond to the unanticipated condition. The procedures that will be followed in the event that an unanticipated subsurface structure is discovered are summarized below:

- A licensed Contractor or an Environmental Professional will remove and containerize any observed residual liquid, sludge, or sediment in the subsurface structure, and will characterize the residual material(s) as required by the waste-receiving facility(ies);
- The Contractor will remove the subsurface structure in compliance with applicable laws and regulations, and under permit from and oversight by the applicable regulatory agency, if required;
- Soil removal actions will be performed in accordance with the procedures outlined in this MMP; and
- The area will be cleared after any required regulatory authorization has been obtained from the permitting agency so that work may proceed.

The Contractor will ensure that the health and safety requirements detailed in Section 4.2, Health and Safety Requirements, are met at all times, which will prepare workers for encountering unanticipated conditions during construction activities.

4.7 MEDIA MANAGEMENT PLAN REPORTING REQUIREMENTS

Following completion of construction, a construction completion report will be prepared for approval by SMCHD. The construction completion report will present findings from actions related to known conditions addressed during redevelopment, along with unanticipated conditions encountered. Minimum reporting requirements will consist of tabulated analytical

results compared to commercial and industrial land use objectives, scaled Site plans depicting sampling locations, disposal manifests, and descriptions of methods used. All activities involving removal of chemically impacted soil will be performed under the oversight of a California State Professional Geologist or Professional Engineer.

5.0 SCOPE, REPRESENTATIONS, AND LIMITATIONS

This section discusses the scope, representations, and limitations of this MMP.

This MMP was developed exclusively to address the chemical constituents identified or potentially present during environmental investigations of the Site, as summarized in Section 3.0, Known Environmental Conditions. Other chemicals or media that may be encountered or generated during construction projects (e.g., demolition and construction debris, asphalt, concrete, asbestos-containing materials, lead-based paint) are not addressed in this MMP. If hazardous construction materials are encountered or generated, it is the responsibility of the Contractor to ensure the proper handling and disposal of such materials.

Current Site conditions, laws, policies, and regulations were used to develop this MMP. No representation is made to any present or future developer or owner of the Site or portions of the Site with respect to future Site conditions, other than those specifically identified in this document.

This MMP was prepared for the sole use of Orchard and its authorized contractors. Unless specifically agreed to in writing, all other such use is unauthorized. Any use or interpretation of or reliance on this MMP is at the sole risk of the unauthorized user, for which Farallon will bear no liability to any party, including any present or future developer, owner, Contractor, agent, occupant, consultant, Environmental Professional, or any other party owning or visiting the Site or portions of the Site based on or arising out of implementation of this MMP. It is expressly understood that although this MMP is intended to provide guidance and establish a framework for management of residual chemicals at the Site to protect human health and the environment, it in no way creates any warranties or obligations by Farallon as to the implementation, adequacy, or success of protective measures under this MMP.

6.0 REFERENCES

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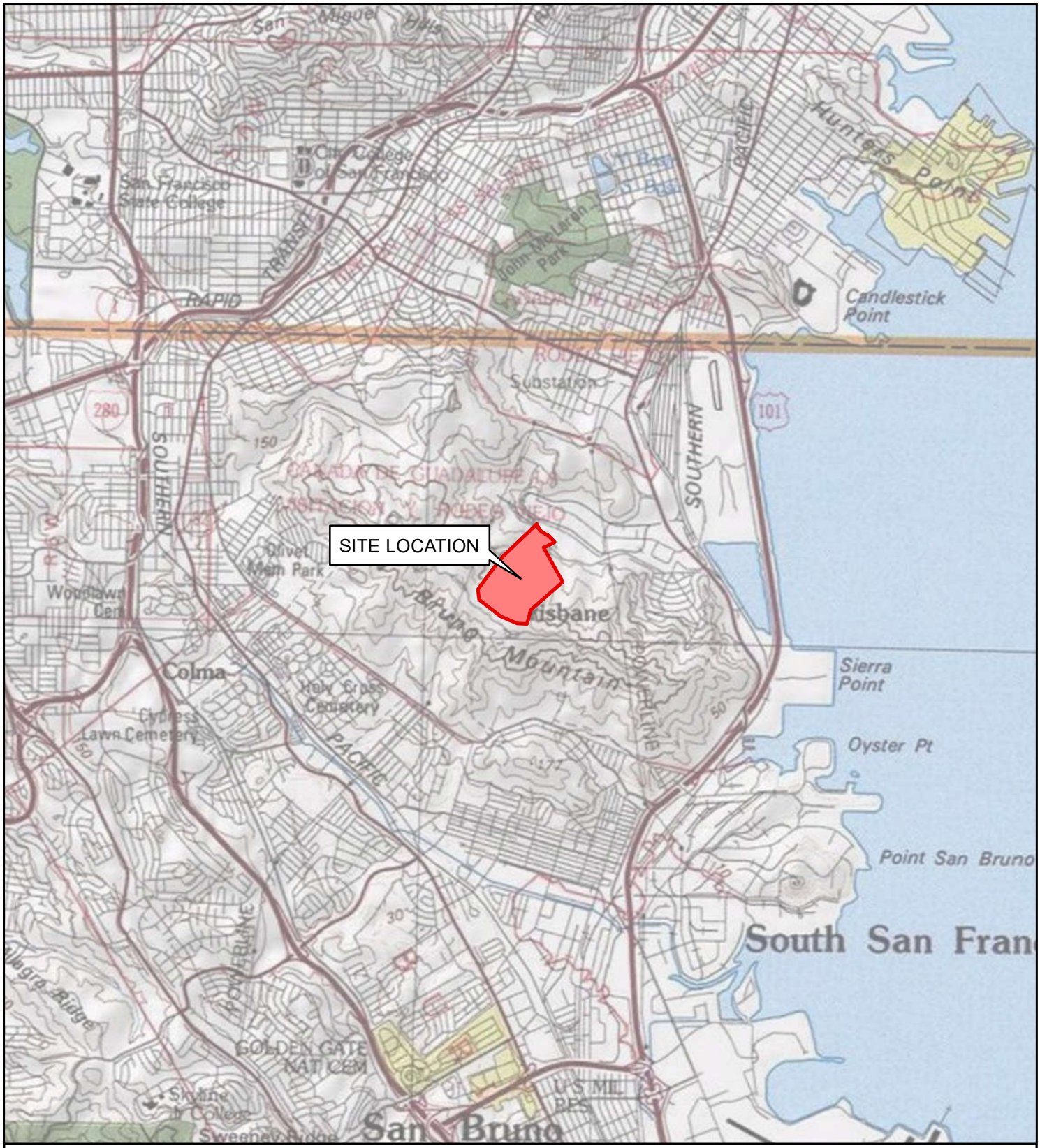
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FIGURES

MEDIA MANAGEMENT PLAN
1 Quarry Road
Brisbane, California

Farallon PN: 1363-006



REFERENCE: 7.5 MINUTE USGS QUADRANGLE SAN FRANCISCO SOUTH, CALIFORNIA, DATED 2013



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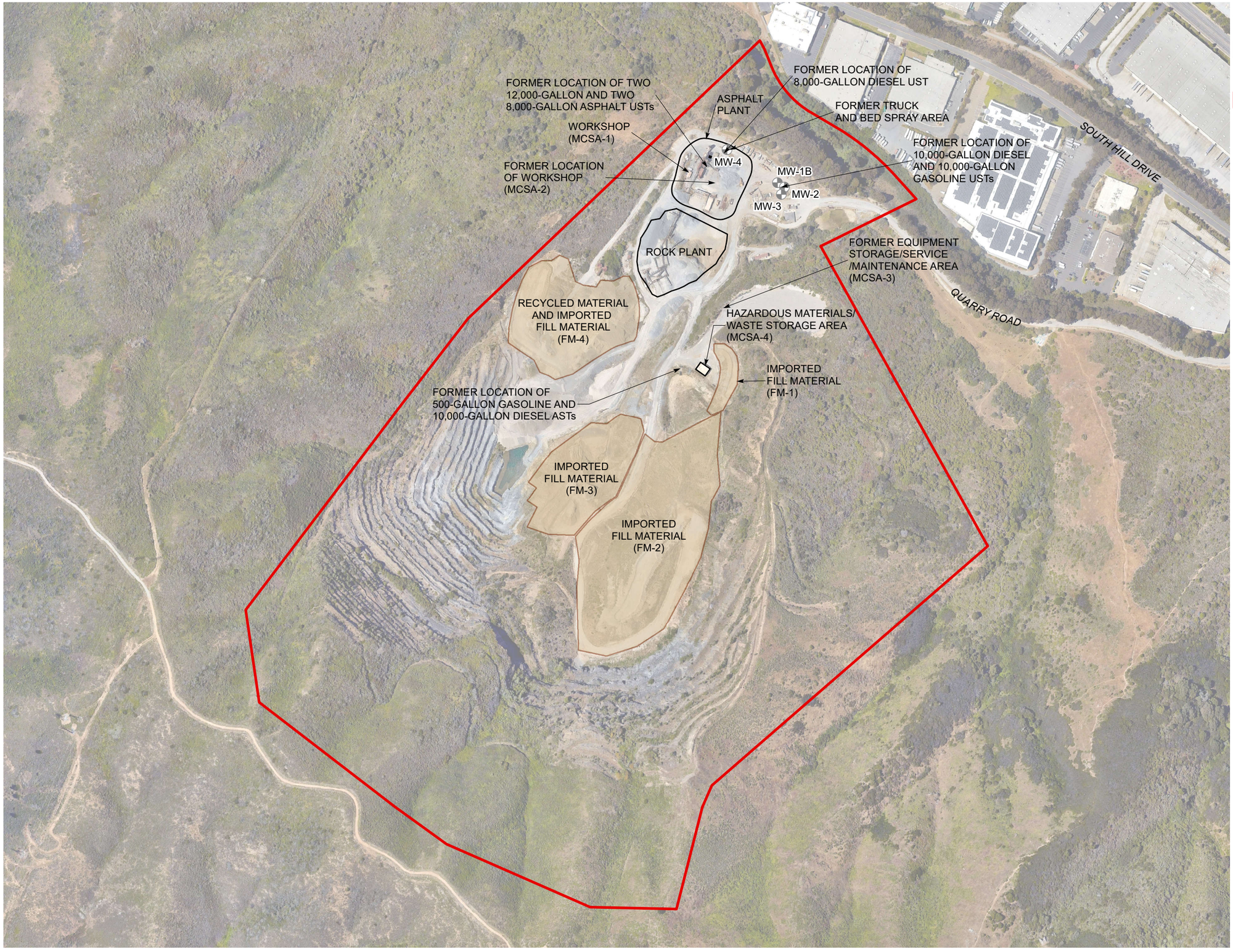
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FIGURE 1

SITE VICINITY MAP
BRISBANE QUARRY
1 QUARRY ROAD
BRISBANE, CALIFORNIA

FARALLON PN: 1363-006

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LEGEND

- FORMER MONITORING WELL
- SITE FEATURE
- RECYCLED MATERIAL AND/OR IMPORTED FILL MATERIAL
- SITE BOUNDARY

AST = ABOVEGROUND STORAGE TANK
FM = FILL MATERIAL
MCSA = MAINTENANCE AND/OR CHEMICAL STORAGE AREA
UST = UNDERGROUND STORAGE TANK

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FIGURE 2

SITE PLAN
BRISBANE QUARRY
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BRISBANE, CALIFORNIA

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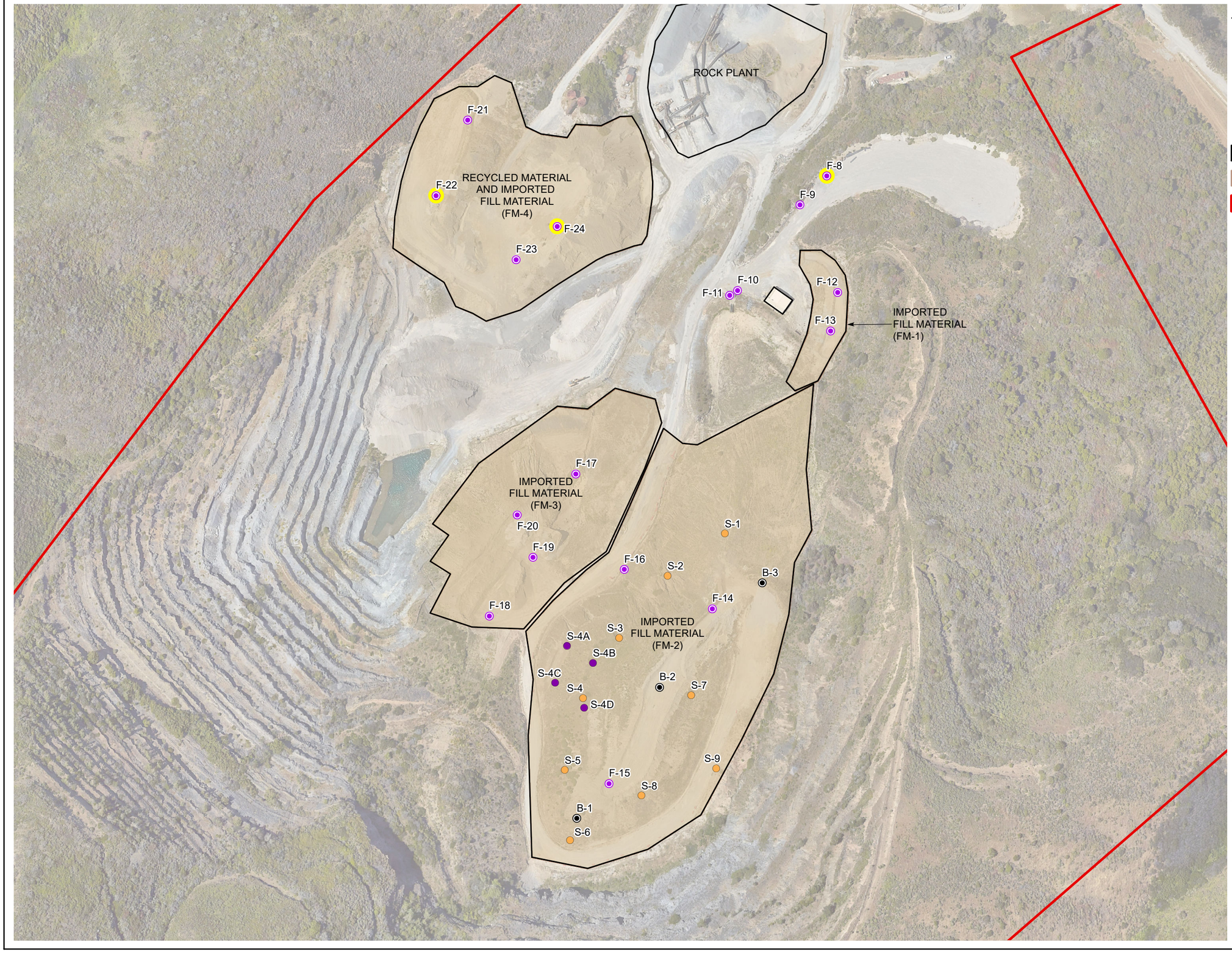
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LEGEND

- SURFACE SAMPLING LOCATION (FARALLON, 2023)
- BORING (FARALLON, 2023)
- SURFACE SAMPLING LOCATION (FARALLON, 2019)
- BORING (FARALLON, 2019)
- AREAS OF KNOW PETROLEUM IMPACT
- SITE FEATURE
- RECYCLED MATERIAL AND/OR IMPORTED FILL MATERIAL
- SITE BOUNDARY

FM = FILL MATERIAL

N

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FIGURE 3

CENTRAL AREA IMPACT LOCATIONS
BRISBANE QUARRY
1 QUARRY ROAD
BRISBANE, CALIFORNIA

FARALLON PN: 1363-006

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APPENDIX A
FIGURE AND TABLES FROM 2023 ADDITIONAL INVESTIGATION

MEDIA MANAGEMENT PLAN
1 Quarry Road
Brisbane, California

Farallon PN: 1363-006



REFERENCE: 7.5 MINUTE USGS QUADRANGLE SAN FRANCISCO SOUTH, CALIFORNIA, DATED 2013



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FIGURE 1

SITE VICINITY MAP
BRISBANE QUARRY
1 QUARRY ROAD
BRISBANE, CALIFORNIA

FARALLON PN: 1363-006

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LEGEND

- FORMER MONITORING WELL
- SITE FEATURE
- RECYCLED MATERIAL AND/OR IMPORTED FILL MATERIAL
- SITE BOUNDARY

AST = ABOVEGROUND STORAGE TANK
FM = FILL MATERIAL
MCSA = MAINTENANCE AND/OR CHEMICAL STORAGE AREA
UST = UNDERGROUND STORAGE TANK

N

0 400

SCALE IN FEET

FIGURE 2

SITE PLAN
BRISBANE QUARRY
1 QUARRY ROAD
BRISBANE, CALIFORNIA

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LEGEND

- BORING (FARALLON, 2023)
- FORMER MONITORING WELL
- UNDERGROUND TELEPHONE LINE
- FORMER SITE FEATURE
- SITE FEATURE
- SITE BOUNDARY

MCSA = MAINTENANCE AND/OR CHEMICAL STORAGE AREA
UST = UNDERGROUND STORAGE TANK

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SCALE IN FEET

FIGURE 3

ASPHALT PLANT AREA
BRISBANE QUARRY
1 QUARRY ROAD
BRISBANE, CALIFORNIA

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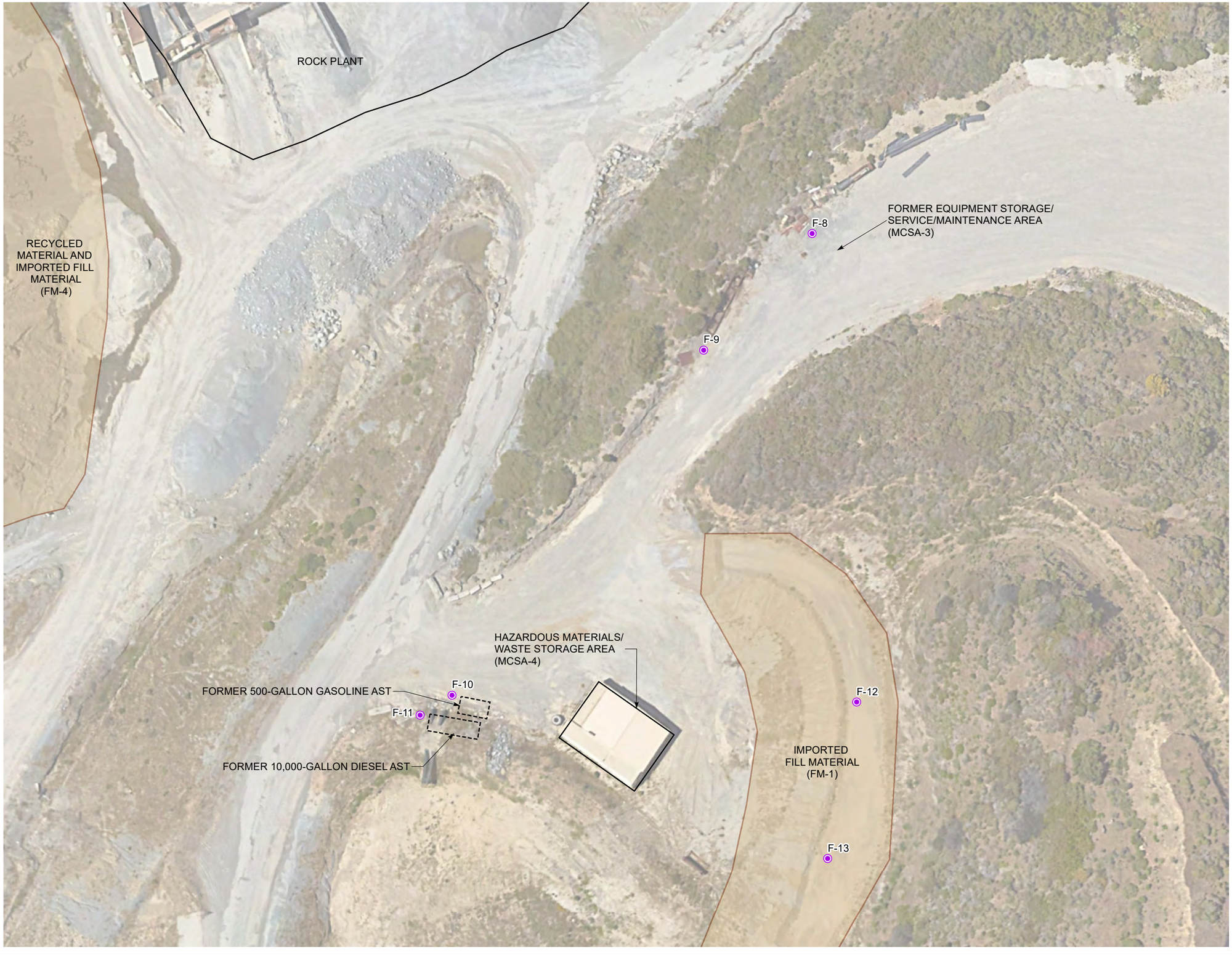
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LEGEND

- BORING (FARALLON, 2023)
- FORMER SITE FEATURE
- SITE FEATURE
- RECYCLED MATERIAL AND/OR IMPORTED FILL MATERIAL

AST = ABOVEGROUND STORAGE TANK
FM = FILL MATERIAL
MCSA = MAINTENANCE AND/OR CHEMICAL STORAGE AREA

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FIGURE 4

EAST-CENTRAL AREA
BRISBANE QUARRY
1 QUARRY ROAD
BRISBANE, CALIFORNIA

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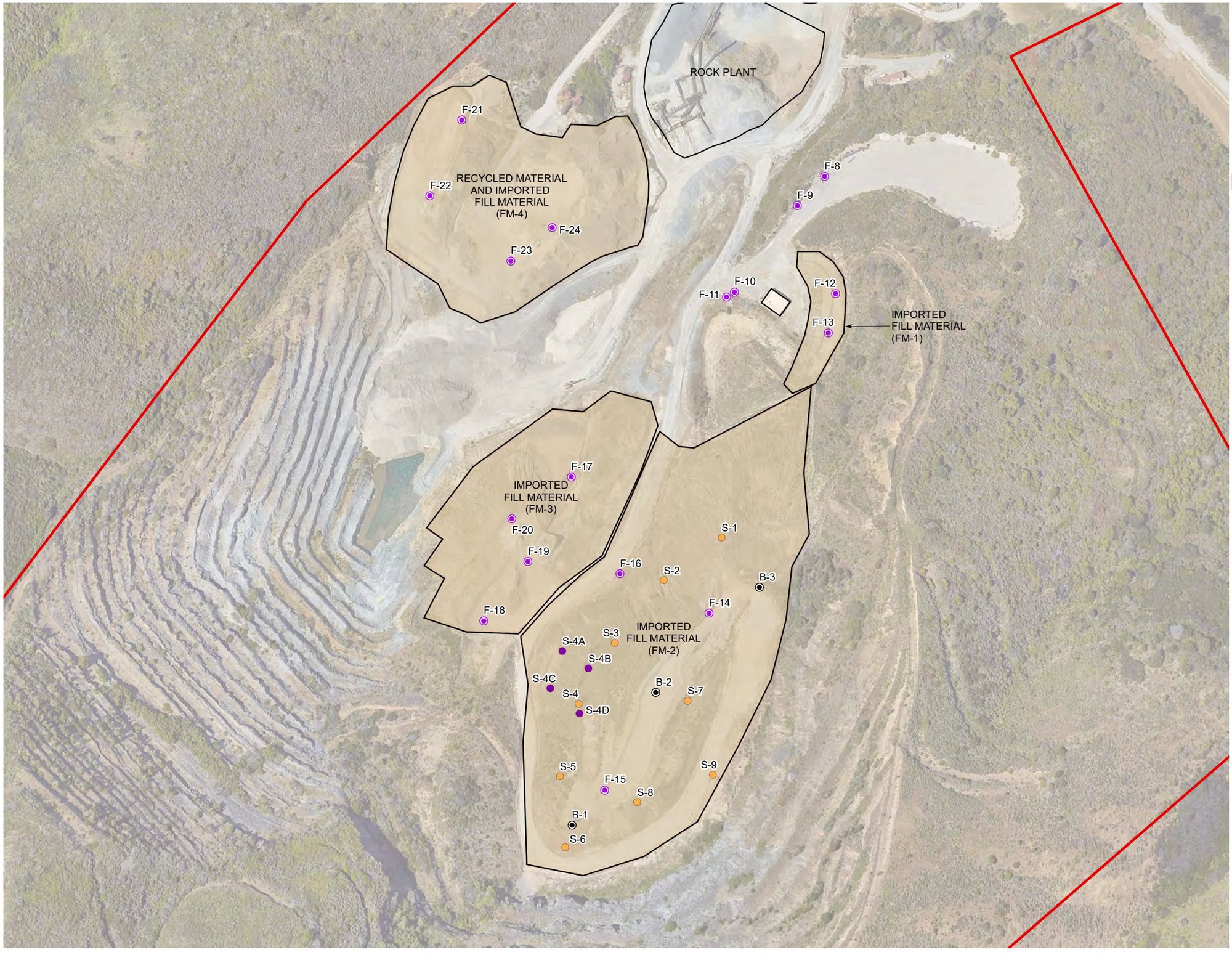
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LEGEND

- SURFACE SAMPLING LOCATION (FARALLON, 2023)
- BORING (FARALLON, 2023)
- SURFACE SAMPLING LOCATION (FARALLON, 2019)
- BORING (FARALLON, 2019)
- SITE FEATURE
- RECYCLED MATERIAL AND/OR IMPORTED FILL MATERIAL
- SITE BOUNDARY

FM = FILL MATERIAL

N

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SCALE IN FEET

FIGURE 5

CENTRAL AREA
BRISBANE QUARRY
1 QUARRY ROAD
BRISBANE, CALIFORNIA

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TABLES

additional Environmental Investigation report 1 Quarry Road
Brisbane, California

Farallon PN: 1363-006

Table 1
Sampling and Analysis Plan
1 Quarry Road
Brisbane, California
Farallon PN: 1363-006

Boring Objective	Boring Designation	Sample Matrix	Actual Sample Depth[1]	Laboratory Analyses												
				GRO[2]	DRO[3]	ORO[3]	VOCs[4]	SVOCs[5]	PAHs[5]	OCPs[6]	PCBs[7]	Metals[8]	Asbestos[9]	Silica[10]	pH[11]	Hold
Former Truck Bed Spray Area and Diesel UST	F-1	Soil	1.0	---	X	X	X	---	X	---	---	---	---	---	---	---
		Soil	3.0	---	X	X	X	---	X	---	---	---	---	---	---	---
		Soil	5.0	---	---	---	---	---	---	---	---	---	---	---	---	X
	F-2	Soil	3.0	---	X	X	X	---	X	---	---	---	---	---	---	---
		Soil	4.0	---	X	X	X	---	X	---	---	---	---	---	---	---
		Soil	6.0	---	---	---	---	---	---	---	---	---	---	---	---	X
		Groundwater	22.0	---	X	X	X	---	X	---	---	---	---	---	---	---
	F-3	Soil	3.0	---	X	X	X	---	X	---	---	---	---	---	---	---
		Soil	4.0	---	X	X	X	---	X	---	---	---	---	---	---	---
		Soil	6.0	---	---	---	---	---	---	---	---	---	---	---	---	X
MCSA 1	F-4	Soil Gas	0.5	---	---	---	X	---	---	---	---	---	---	---	---	---
	F-25	Soil	0.5	X	X	X	X	---	---	---	---	X	---	---	---	---
		Soil	3.0	X	X	X	X	---	---	---	---	---	---	---	---	X
MCSA 2	F-5	Soil	1.0	X	X	X	X	---	---	---	---	X	---	---	---	---
		Groundwater	2.0	X	X	X	X	---	---	---	---	---	---	---	---	---
Current Conditions Proximate to Former Gasoline and Diesel USTs	F-6	Soil	5.0	X	X	X	X	---	X	---	---	---	---	---	---	---
		Soil	7.0	---	---	---	---	---	---	---	---	---	---	---	---	X
		Soil	10.0	X	X	X	X	---	X	---	---	---	---	---	---	---
		Soil	15.0	X	X	X	X	---	X	---	---	---	---	---	---	---
		Soil	17.0	---	---	---	---	---	---	---	---	---	---	---	---	X
		Soil	20.0	---	---	---	---	---	---	---	---	---	---	---	---	X
		Groundwater	15.0	X	X	X	X	---	X	---	---	---	---	---	---	---
	F-7	Soil	7.0	X	X	X	X	---	X	---	---	---	---	---	---	---
		Soil	15.0	X	X	X	X	---	X	---	---	---	---	---	---	
MCSA 3	F-8	Soil	1.0	X	X	X	X	---	X	---	---	X	---	---	---	---
		Soil	3.0	X	X	X	X	---	X	---	---	---	---	---	---	---
		Soil	5.0	---	---	---	---	---	---	---	---	---	---	---	---	X
	F-9	Soil	0.5	X	X	X	X	---	X	---	---	X	---	---	---	---
		Soil	1.0	X	X	X	X	---	X	---	---	X	---	---	---	---
		Soil	3.0	X	X	X	X	---	X	---	---	---	---	---	---	---
		Soil	5.0	---	---	---	---	---	---	---	---	---	---	---	---	X
		Soil Gas	5.0	X	---	---	X	---	---	---	---	---	---	---	---	---
Historical Staining Beneath ASTs	F-10	Soil	1.0	X	X	X	X	---	X	---	---	---	---	---	---	---
		Soil	3.0	X	X	X	X	---	X	---	---	---	---	---	---	---
		Soil	5.0	---	---	---	---	---	---	---	---	---	---	---	---	X
	F-11	Soil	1.0	X	X	X	X	---	X	---	---	---	---	---	---	---
		Soil	3.0	X	X	X	X	---	X	---	---	---	---	---	---	---
		Soil	5.0	---	---	---	---	---	---	---	---	---	---	---	---	X
FM-1	F-12	Soil	4.0	X	X	X	X	X	---	X	X	X	X	---	---	---
		Soil	5.0	---	---	---	---	---	---	---	---	---	---	---	---	X
		Soil	10.0	---	---	---	---	---	---	---	---	---	---	---	---	X
		Soil	15.0	---	---	---	---	---	---	---	---	X	X	---	---	---
	F-13	Soil	5.0	---	---	---	---	---	---	---	---	X	X	---	---	---
		Soil	10.0	---	---	---	---	---	---	---	---	---	---	---	---	X
		Soil	15.0	X	X	X	X	X	---	X	X	X	X	---	---	---
	F-14	Soil	1.0	X	X	X	X	X	---	---	---	X	---	---	---	---
		Soil	5.0	---	---	---	---	---	---	---	---	---	---	---	---	X
		Soil	10.0	---	---	---	---	---	---	---	---	---	---	---	---	X
		Soil	15.0	---	---	---	---	---	---	---	---	---	---	---	---	X
		Soil	20.0	X	X	X	X	X	---	X	X	X	---	---	---	---
		Soil	25.0	---	---	---	---	---	---	---	---	---	---	---	---	X
		Soil	30.0	---	---	---	---	---	---	---	---	---	---	---	---	X
		Soil	35.0	---	---	---	---	---	---	---	---	---	---	---	---	X
		Soil	40.0	---	---	---	---	---	---	---	---	X	---	---	---	---
		Soil	45.0	---	---	---	---	---	---	---	---	---	---	---	---	X
		Soil	50.0	---	---	---	---	---	---	---	---	---	---	---	---	X
		Soil	55.0	---	---	---	---	---	---	---	---	---	---	---	---	X
		Soil	60.0	---	---	---	---	---	---	---	---	X	---	---	---	---

Table 1
Sampling and Analysis Plan
1 Quarry Road
Brisbane, California
Farallon PN: 1363-006

Boring Objective	Boring Designation	Sample Matrix	Actual Sample Depth[1]	Laboratory Analyses												
				GRO[2]	DRO[3]	ORO[3]	VOCs[4]	SVOCs[5]	PAHs[5]	OCPs[6]	PCBs[7]	Metals[8]	Asbestos[9]	Silica[10]	pH[11]	Hold
FM-2	F-15	Soil	1.0	X	X	X	X	X	---	---	---	X	---	---	---	---
		Soil	5.0	---	---	---	---	---	---	---	---	---	---	---	---	X
		Soil	10.0	---	---	---	---	---	---	---	---	---	---	---	---	X
		Soil	15.0	---	---	---	---	---	---	---	---	---	---	---	---	X
		Soil	20.0	X	X	X	X	X	---	---	---	X	---	---	---	---
		Soil	25.0	---	---	---	---	---	---	---	---	---	---	---	---	X
		Soil	30.0	---	---	---	---	---	---	---	---	---	---	---	---	X
		Soil	35.0	---	---	---	---	---	---	---	---	---	---	---	---	X
		Soil	40.0	X	X	X	X	X	---	X	X	X	---	---	---	---
		Soil	45.0	---	---	---	---	---	---	---	---	---	---	---	---	X
		Soil	50.0	X	X	X	X	---	---	---	---	---	---	---	---	---
		Soil	55.0	---	---	---	---	---	---	---	---	---	---	---	---	X
		Soil	60.0	---	---	---	---	---	---	---	---	X	---	---	---	---
	F-16	Soil	1.0	X	X	X	X	X	---	---	---	X	X	---	---	---
		Soil	2.0	---	---	---	---	---	---	---	---	---	X	---	---	X
	S-4A	Soil	1.0	---	---	---	X	---	---	---	---	---	---	---	---	---
		Soil	3.0	---	---	---	---	---	---	---	---	---	---	---	---	X
	S-4B	Soil	1.0	---	---	---	X	---	---	---	---	---	---	---	---	---
		Soil	3.0	---	---	---	---	---	---	---	---	---	---	---	---	X
	S-4C	Soil	1.0	---	---	---	X	---	---	---	---	---	---	---	---	---
		Soil	3.0	---	---	---	---	---	---	---	---	---	---	---	---	X
	S-4D	Soil	1.0	---	---	---	X	---	---	---	---	---	---	---	---	---
		Soil	3.0	---	---	---	---	---	---	---	---	---	---	---	---	X
FM-3	F-17	Soil	5.0	X	X	X	X	X	---	---	---	X	---	---	---	---
		Soil	10.0	---	---	---	---	---	---	---	---	X	---	---	---	---
	F-18	Soil	1.0	X	X	X	X	X	---	---	---	X	---	---	---	---
		Soil	5.0	---	---	---	---	---	---	---	---	---	---	---	---	X
		Soil	10.0	---	---	---	---	---	---	---	---	---	---	---	---	X
		Soil	15.0	---	---	---	---	---	---	---	---	---	---	---	---	X
		Soil	20.0	X	X	X	X	X	---	X	X	X	---	---	---	---
		Soil	25.0	---	---	---	---	---	---	---	---	---	---	---	---	X
		Soil	30.0	---	---	---	---	---	---	---	---	---	---	---	---	X
		Soil	35.0	---	---	---	---	---	---	---	---	---	---	---	---	X
		Soil	40.0	---	---	---	---	---	---	---	---	X	---	---	---	---
		Soil	45.0	---	---	---	---	---	---	---	---	---	---	---	---	X
		Soil	50.0	---	---	---	---	---	---	---	---	---	---	---	---	X
		Soil	55.0	---	---	---	---	---	---	---	---	---	---	---	---	X
		Soil	60.0	---	---	---	---	---	---	---	---	X	---	---	---	---
	F-19	Soil	1.0	X	X	X	X	X	---	---	---	X	---	---	---	---
		Soil	5.0	---	---	---	---	---	---	---	---	---	---	---	---	X
		Soil	10.0	---	---	---	---	---	---	---	---	---	---	---	---	X
		Soil	15.0	---	---	---	---	---	---	---	---	---	---	---	---	X
		Soil	20.0	X	X	X	X	X	---	---	---	X	---	---	---	---
		Soil	25.0	---	---	---	---	---	---	---	---	---	---	---	---	X
		Soil	30.0	X	X	X	X	X	---	X	X	X	---	---	---	---
		Soil	35.0	---	---	---	---	---	---	---	---	---	---	---	---	X
		Soil	40.0	---	---	---	---	---	---	---	---	---	---	---	---	X
		Soil	45.0	---	---	---	---	---	---	---	---	---	---	---	---	X
	F-20	Soil	5.0	---	---	---	---	---	---	---	---	X	---	---	---	---
		Soil	10.0	X	X	X	X	X	---	---	---	X	---	---	---	---

Table 1
Sampling and Analysis Plan
1 Quarry Road
Brisbane, California
Farallon PN: 1363-006

Boring Objective	Boring Designation	Sample Matrix	Actual Sample Depth[1]	Laboratory Analyses												
				GRO[2]	DRO[3]	ORO[3]	VOCs[4]	SVOCs[5]	PAHs[5]	OCPs[6]	PCBs[7]	Metals[8]	Asbestos[9]	Silica[10]	pH[11]	Hold
FM-4	F-21	Soil	1.0	X	X	X	X	X	---	X	X	X	---	---	---	---
		Soil	5.0	---	---	---	---	---	---	---	---	---	---	---	---	X
		Soil	10.0	---	---	---	---	---	---	---	---	X	X	X	X	---
		Soil	15.0	---	---	---	---	---	---	---	---	---	---	---	---	X
		Soil	20.0	X	X	X	X	X	---	---	---	X	X	X	X	---
		Soil	25.0	---	---	---	---	---	---	---	---	---	---	---	---	X
		Soil	30.0	---	---	---	---	---	---	---	---	X	X	X	X	---
	F-22	Soil	1.0	X	X	X	X	X	---	---	---	X	---	---	---	---
		Soil	5.0	---	---	---	---	---	---	---	---	---	---	---	---	X
		Soil	10.0	X	X	X	X	X	---	---	---	X	X	X	X	---
		Soil	15.0	---	---	---	---	---	---	---	---	---	---	---	---	X
		Soil	20.0	---	---	---	---	---	---	---	---	X	X	X	X	---
		Soil	25.0	---	---	---	---	---	---	---	---	---	---	---	---	X
		Soil	30.0	X	X	X	X	X	---	X	X	X	X	X	X	---
	F-23	Soil	1.0	X	X	X	X	X	---	---	---	X	X	X	X	---
	F-24	Soil	1.0	X	X	X	X	X	---	---	---	X	---	---	---	---
		Soil	5.0	X	X	X	X	X	---	---	---	X	X	X	X	---
		Soil	10.0	---	---	---	---	---	---	---	---	---	---	---	---	X
		Soil	15.0	---	---	---	---	---	---	---	---	---	---	---	---	X
		Soil	20.0	---	---	---	---	---	---	---	---	X	X	X	X	---

NOTES:

X denotes sample collected for analysis.

--- denotes sample not collected for analysis.

H denotes sample placed on laboratory hold.

[1]Depth in feet below ground surface.

[2]Analyzed by U.S. Environmental Protection Agency (EPA) Method 8015M for soil/groundwater, TO-15 for soil gas.

[3]Analyzed by EPA Method 8015M.

[4]Analyzed by EPA Method 8260 for soil/groundwater, TO-15 for soil gas.

[5]Analyzed by EPA Method 8270E SIM.

[6]Analyzed by EPA Method 8081B.

[7]Analyzed by EPA Method 8082A.

[8]Analyzed by EPA Method 6010D/7471.

[9]Analyzed by CARB 435.

[10]Analyzed by EPA Method 6010D.

[11]Analyzed by EPA Method 9045D.

DRO = total petroleum hydrocarbons (TPH) as diesel-range organics

GRO = TPH as gasoline-range organics

ORO = TPH as oil-range organics

PAHs = polycyclic aromatic hydrocarbons

SVOCs = semivolatile organic compounds

VOCs = volatile organic compounds

PID = photoionization detector

BGS - below ground surface

MCSA = maintenance and/or chemical storage areas

Table 2
Soil Analytical Results for TPH
Brisbane Quarry
Brisbane, California
Farallon PN: 1363-006

Sample Location	Sample Identification	Sample Depth (feet)[1]	Sample Date	Analytical Results (milligrams per kilogram)[2]		
				TPHg	TPHd	TPHmo
2019 Phase II Environmental Site Assessment						
B-1	B-1	20, 40, 60, 80[4]	6/19/2019	< 1.0	< 1.0	13
B-2	B-2	20, 40, 60, 80[4]	6/20/2019	< 1.0	4.7	19
B-3	B-3	20, 40, 60, 80[4]	6/20/2019	< 1.0	4.5	17
S-1	S-1	1.0[5]	6/4/2019	< 1.0	7.2	130
S-2	S-2	1.0[5]	6/4/2019	< 1.0	1.8	55
S-3	S-3	1.0[5]	6/4/2019	< 1.0	4.9	65
S-4	S-4	1.0[5]	6/4/2019	< 1.0	1.4	31
S-5	S-5	1.0[5]	6/4/2019	< 1.0	4.6	130
S-6	S-6	1.0[5]	6/4/2019	< 1.0	< 1.0	23
S-7	S-7	1.0[5]	6/4/2019	< 1.0	1.7	22
S-8	S-8	1.0[5]	6/4/2019	< 1.0	2.0	33
S-9	S-9	1.0[5]	6/4/2019	< 1.0	15	300
2023 Subsurface Investigation						
F-1	F-1-1.0	1.0	5/3/2023	---	220	320
	F-1-3.0	3.0	5/3/2023	---	17	35
F-2	F-2-3.0	3.0	5/4/2023	---	76	36
	F-2-4.0	4.0	5/4/2023	---	280	930
F-3	F-3-3.0	3.0	5/4/2023	---	76	36
	F-3-4.0	4.0	5/4/2023	---	27	45
F-5	F-5-1.0	1.0	5/1/2023	< 2.3	< 500	2,300
F-6	F-6-5.0	5.0	5/3/2023	< 2.1	**1,500**	110
	F-6-10.0	10.0	5/3/2023	< 1.9	< 9.9	< 20
	F-6-15.0	15.0	5/3/2023	< 1.8	< 10	< 20
F-7	F-7-7.0	7.0	5/3/2023	< 2.7	34	43
	F-7-15.0	15.0	5/3/2023	< 1.9	< 10	< 20
F-8	F-8-1.0	1.0	5/1/2023	< 2.1	**4,000**	4,600
	F-8-3.0	3.0	5/1/2023	< 2.4	350	820
San Francisco Bay RWQCB ESLs Commercial: Shallow Soil Exposure[3]				**2,000**	**1,200**	**180,000**
San Francisco Bay RWQCB ESLs: Construction Worker Soil Exposure[3]				**1,800**	**1,100**	**54,000**
San Francisco Bay RWQCB ESLs: Leaching to Groundwater Levels[3,6]				**4,900**	**7,300**	**NE**

Table 2
Soil Analytical Results for TPH
Brisbane Quarry
Brisbane, California
Farallon PN: 1363-006

Sample Location	Sample Identification	Sample Depth (feet)[1]	Sample Date	Analytical Results (milligrams per kilogram)[2]		
				TPHg	TPHd	TPHmo
F-9	F-9-0.5	0.5	5/1/2023	< 2.7	580	1,500
	F-9-1.0	1.0	5/1/2023	< 2.5	33	57
	F-9-3.0	3.0	5/1/2023	< 2.8	730	1,100
F-10	F-10-1.0	1.0	5/1/2023	< 1.8	190	51
	F-10-3.0	3.0	5/1/2023	< 2.7	130	64
F-11	F-11-1.0	1.0	5/1/2023	< 2.1	54	120
	F-11-3.0	3.0	5/1/2023	< 2.0	< 9.9	27
F-12	F-12-4.0	4.0	5/2/2023	< 2.6	82	150
F-13	F-13-15.0	15.0	5/2/2023	< 1.8	< 9.9	< 20
F-14	F-14-1	1.0	5/1/2023	< 1.9	< 10	< 20
	F-14-20	20.0	5/1/2023	< 2.5	< 9.9	< 20
F-15	F-15-1	1.0	5/2/2023	< 1.9	< 10	< 20
	F-15-20	20.0	5/2/2023	< 1.8	< 9.9	< 20
	F-15-40	40.0	5/2/2023	< 2.1	12	< 20
	F-15-50	50.0	5/2/2023	< 2.5	210	610
F-16	F-16-1	1.0	5/3/2023	< 2.2	< 9.9	< 20
F-17	F-17-5.0	5.0	5/2/2023	< 2.0	11	25
F-18	F-18-1	1.0	5/2/2023	< 3.0	53	180
	F-18-20	20.0	5/2/2023	< 1.8	< 9.9	< 20
F-19	F-19-1	1.0	5/3/2023	< 2.6	43	110
	F-19-20	20.0	5/3/2023	< 2.2	38	92
	F-19-30	30.0	5/3/2023	< 2.3	10	27
San Francisco Bay RWQCB ESLs Commercial: Shallow Soil Exposure[3]				**2,000**	**1,200**	**180,000**
San Francisco Bay RWQCB ESLs: Construction Worker Soil Exposure[3]				**1,800**	**1,100**	**54,000**
San Francisco Bay RWQCB ESLs: Leaching to Groundwater Levels[3,6]				**4,900**	**7,300**	**NE**

Table 2
Soil Analytical Results for TPH
Brisbane Quarry
Brisbane, California
Farallon PN: 1363-006

Sample Location	Sample Identification	Sample Depth (feet)[1]	Sample Date	Analytical Results (milligrams per kilogram)[2]		
				TPHg	TPHd	TPHmo
F-20	F-20-10.0	10.0	5/2/2023	< 1.7	< 9.9	< 20
F-21	F-21-1	1.0	5/4/2023	< 2.2	< 20	100
	F-21-20	20.0	5/4/2023	< 2.5	13	79
F-22	F-22-1	1.0	5/4/2023	< 3.0	350	1,900
	F-22-10	10.0	5/4/2023	< 2.8	26	140
	F-22-30	30.0	5/4/2023	< 3.6	610	920
F-23	F-23-1	1.0	5/4/2023	< 2.3	< 99	350
F-24	F-24-1	1.0	5/4/2023	< 2.5	**5,900**	1,300
	F-24-5	5.0	5/4/2023	< 2.6	360	1,600
F-25	F-25-0.5	0.5	5/4/2023	< 2.0	490	1,900
	F-25-3.0	3.0	5/4/2023	< 2.1	17	29
San Francisco Bay RWQCB ESLs Commercial: Shallow Soil Exposure[3]				**2,000**	**1,200**	**180,000**
San Francisco Bay RWQCB ESLs: Construction Worker Soil Exposure[3]				**1,800**	**1,100**	**54,000**
San Francisco Bay RWQCB ESLs: Leaching to Groundwater Levels[3,6]				**4,900**	**7,300**	**NE**

NOTES:

Results in **bold** and highlighted yellow denote concentrations exceeding applicable ESLs.

< denotes analyte not detected at or exceeding the laboratory reporting limit listed.

--- denotes sample not analyzed.

[1]Depth in feet below ground surface.

[2]Analyzed by U.S. Environmental Protection Agency Method 8015B.

[3]San Francisco Bay Regional Water Quality Control Board (RWQCB) Direct Exposure Human Health Risk Levels (Table S-1), dated 2019 (Rev. 2).

[4]four-point vertical composite sample

[5]four-point horizontal composite sample

[6]non-drinking water

ESL = Environmental Screening Level

TPHd = total petroleum hydrocarbons (TPH) as diesel-range organics

TPHg = TPH as gasoline-range organics

TPHmo = TPH as motor oil-range organics

NE = not established

Table 3
Soil Analytical Results for Detected VOCs
Brisbane Quarry
Brisbane, California
Farallon PN: 1363-006

Sample Location	Sample Identification	Sample Depth (feet)[1]	Sample Date	Analytical Results (milligrams per kilogram)[2]				
				Tetrachloroethene (PCE)	Benzene	Toluene	Naphthalene	1,2,4-Trimethylbenzene
2019 Phase II Environmental Site Assessment								
B-1	B-1	20, 40, 60, 80[4]	6/19/2019	< 0.00090	< 0.0045	< 0.0045	< 0.0045	< 0.0045
B-2	B-2	20, 40, 60, 80[4]	6/20/2019	< 0.00083	< 0.0041	< 0.0041	< 0.0041	< 0.0041
B-3	B-3	20, 40, 60, 80[4]	6/20/2019	< 0.00096	< 0.0048	< 0.0048	< 0.0048	< 0.0048
S-1	S-1	1.0[5]	6/4/2019	< 0.0013	< 0.0063	< 0.0063	< 0.0063	< 0.0063
S-2	S-2	1.0[5]	6/4/2019	< 0.0011	< 0.0056	< 0.0056	< 0.0056	< 0.0056
S-3	S-3	1.0[5]	6/4/2019	< 0.0012	< 0.0058	< 0.0058	< 0.0058	< 0.0058
S-4	S-4	1.0[5]	6/4/2019	0.0030	< 0.0057	< 0.0057	< 0.0057	< 0.0057
S-5	S-5	1.0[5]	6/4/2019	< 0.0011	< 0.0056	< 0.0056	< 0.0056	< 0.0056
S-6	S-6	1.0[5]	6/4/2019	< 0.0011	< 0.0055	< 0.0055	< 0.0055	< 0.0055
S-7	S-7	1.0[5]	6/4/2019	< 0.0011	< 0.0054	< 0.0054	< 0.0054	< 0.0054
S-8	S-8	1.0[5]	6/4/2019	< 0.0010	< 0.0050	< 0.0050	< 0.0050	< 0.0050
S-9	S-9	1.0[5]	6/4/2019	< 0.00089	< 0.0044	< 0.0044	< 0.0044	< 0.0044
2023 Subsurface Investigation								
S-4A	S-4A-1.0	1.0	5/4/2023	< 0.0036	< 0.0036	< 0.0036	< 0.0036	< 0.0036
S-4B	S-4B-1.0	1.0	5/4/2023	< 0.0046	< 0.0046	< 0.0046	< 0.0046	< 0.0046
S-4C	S-4C-1.0	1.0	5/4/2023	< 0.0034	< 0.0034	< 0.0034	< 0.0034	< 0.0034
S-4D	S-4D-1.0	1.0	5/4/2023	< 0.0038	< 0.0038	< 0.0038	< 0.0038	< 0.0038
F-1	F-1-1.0	1.0	5/3/2023	< 0.0034	< 0.0034	< 0.0034	< 0.0034	< 0.0034
	F-1-3.0	3.0	5/3/2023	< 0.0039	< 0.0039	< 0.0039	< 0.0039	< 0.0039
F-2	F-2-3.0	3.0	5/4/2023	< 0.0031	< 0.0031	< 0.0031	< 0.0031	< 0.0031
	F-2-4.0	4.0	5/4/2023	< 0.0039	< 0.0039	< 0.0039	< 0.0039	< 0.0039
F-3	F-3-3.0	3.0	5/4/2023	< 0.0041	< 0.0041	< 0.0041	< 0.0041	< 0.0041
	F-3-4.0	4.0	5/4/2023	< 0.0034	< 0.0034	< 0.0034	< 0.0034	< 0.0034
F-5	F-5-1.0	1.0	5/1/2023	< 0.0040	< 0.0040	< 0.0040	< 0.0040	< 0.0040
F-6	F-6-5.0	5.0	5/3/2023	< 0.0039	< 0.0039	< 0.0039	< 0.0039	< 0.0039
	F-6-10.0	10.0	5/3/2023	< 0.0034	< 0.0034	< 0.0034	< 0.0034	< 0.0034
	F-6-15.0	15.0	5/3/2023	< 0.0030	< 0.0030	< 0.0030	< 0.0030	< 0.0030
F-7	F-7-7.0	7.0	5/3/2023	< 0.0038	< 0.0038	< 0.0038	< 0.0038	< 0.0038
	F-7-15.0	15.0	5/3/2023	< 0.0033	< 0.0033	< 0.0033	< 0.0033	< 0.0033
F-8	F-8-1.0	1.0	5/1/2023	< 0.0034	< 0.0034	< 0.0034	< 0.0034	< 0.0034
	F-8-3.0	3.0	5/1/2023	< 0.0040	< 0.0040	< 0.0040	< 0.0040	< 0.0040
F-9	F-9-0.5	0.5	5/1/2023	< 0.0045	< 0.0045	< 0.0045	< 0.0045	< 0.0045
	F-9-1.0	1.0	5/1/2023	< 0.0046	< 0.0046	< 0.0046	< 0.0046	< 0.0046
	F-9-3.0	3.0	5/1/2023	< 0.0048	< 0.0048	< 0.0048	< 0.0048	< 0.0048
F-10	F-10-1.0	1.0	5/1/2023	< 0.0040	< 0.0040	< 0.0040	< 0.0040	< 0.0040
	F-10-3.0	3.0	5/1/2023	< 0.0038	< 0.0038	< 0.0038	< 0.0038	< 0.0038
F-11	F-11-1.0	1.0	5/1/2023	< 0.0038	< 0.0038	< 0.0038	< 0.0038	< 0.0038
	F-11-3.0	3.0	5/1/2023	< 0.0039	< 0.0039	< 0.0039	< 0.0039	< 0.0039
F-12	F-12-4.0	4.0	5/2/2023	< 0.0037	< 0.0037	< 0.0037	< 0.0037	< 0.0037
F-13	F-13-15.0	15.0	5/2/2023	< 0.0031	< 0.0031	< 0.0031	< 0.0031	< 0.0031
San Francisco Bay RWQCB ESLs Commercial: Shallow Soil Exposure[3]				**2.7**	**1.4**	**5,300**	**17**	**NE**
San Francisco Bay RWQCB ESLs: Construction Worker Soil Exposure[3]				**33**	**33**	**4,700**	**400**	**NE**
San Francisco Bay RWQCB ESLs: Leaching to Groundwater Levels[3,6]				**0.08**	**0.025**	**10**	**1.2**	**NE**

Table 3
Soil Analytical Results for Detected VOCs
Brisbane Quarry
Brisbane, California
Farallon PN: 1363-006

Sample Location	Sample Identification	Sample Depth (feet)[1]	Sample Date	Analytical Results (milligrams per kilogram)[2]				
				Tetrachloroethene (PCE)	Benzene	Toluene	Naphthalene	1,2,4-Trimethylbenzene
F-14	F-14-1	1.0	5/1/2023	< 0.0035	< 0.0035	< 0.0035	< 0.0035	< 0.0035
	F-14-20	20.0	5/1/2023	< 0.0032	< 0.0032	< 0.0032	< 0.0032	< 0.0032
F-15	F-15-1	1.0	5/2/2023	< 0.0031	< 0.0031	< 0.0031	< 0.0031	< 0.0031
	F-15-20	20.0	5/2/2023	< 0.0030	< 0.0030	< 0.0030	< 0.0030	< 0.0030
	F-15-40	40.0	5/2/2023	< 0.0034	< 0.0034	< 0.0034	< 0.0034	< 0.0034
	F-15-50	50.0	5/2/2023	< 0.0031	< 0.0031	< 0.0031	< 0.0031	< 0.0031
F-16	F-16-1	1.0	5/3/2023	< 0.0042	< 0.0042	< 0.0042	< 0.0042	< 0.0042
F-17	F-17-5.0	5.0	5/2/2023	< 0.0032	< 0.0032	< 0.0032	< 0.0032	< 0.0032
F-18	F-18-1	1.0	5/2/2023	< 0.0033	< 0.0033	< 0.0033	< 0.0033	< 0.0033
	F-18-20	20.0	5/2/2023	< 0.0030	< 0.0030	< 0.0030	< 0.0030	< 0.0030
F-19	F-19-1	1.0	5/3/2023	< 0.0039	< 0.0039	< 0.0039	< 0.0039	< 0.0039
	F-19-20	20.0	5/3/2023	< 0.0038	< 0.0038	< 0.0038	< 0.0038	< 0.0038
	F-19-30	30.0	5/3/2023	< 0.0036	< 0.0036	< 0.0036	< 0.0036	< 0.0036
F-20	F-20-10.0	10.0	5/2/2023	< 0.0033	< 0.0033	< 0.0033	< 0.0033	< 0.0033
F-21	F-21-1	1.0	5/4/2023	< 0.0045	< 0.0045	< 0.0045	< 0.0045	< 0.0045
	F-21-20	20.0	5/4/2023	< 0.0043	< 0.0043	< 0.0043	< 0.0043	< 0.0043
F-22	F-22-1	1.0	5/4/2023	< 0.0052	< 0.0052	< 0.0052	< 0.0052	< 0.0052
	F-22-10	10.0	5/4/2023	< 0.0051	< 0.0051	< 0.0051	< 0.0051	< 0.0051
	F-22-30	30.0	5/4/2023	< 0.53	< 0.53	< 0.53	**1.6**	0.74
F-23	F-23-1	1.0	5/4/2023	< 0.0045	< 0.0045	< 0.0045	< 0.0045	< 0.0045
F-24	F-24-1	1.0	5/4/2023	< 0.0047	0.011	0.0083	< 0.0047	< 0.0047
	F-24-5	5.0	5/4/2023	< 0.27	< 0.27	< 0.27	< 0.27	< 0.27
F-25	F-25-0.5	0.5	5/4/2023	< 0.0034	< 0.0034	< 0.0034	< 0.0034	< 0.0034
	F-25-3.0	3.0	5/4/2023	< 0.0033	< 0.0033	< 0.0033	< 0.0033	< 0.0033
San Francisco Bay RWQCB ESLs Commercial: Shallow Soil Exposure[3]				**2.7**	**1.4**	**5,300**	**17**	**NE**
San Francisco Bay RWQCB ESLs: Construction Worker Soil Exposure[3]				**33**	**33**	**4,700**	**400**	**NE**
San Francisco Bay RWQCB ESLs: Leaching to Groundwater Levels[3,6]				**0.08**	**0.025**	**10**	**1.2**	**NE**

NOTES:

Results in **bold** and highlighted yellow denote concentrations exceeding applicable ESLs.

< denotes analyte not detected at or exceeding the reporting limit listed.

--- denotes sample not analyzed or information unknown.

[1]Depth in feet below ground surface.

[2]Analyzed by U.S. Environmental Protection Agency Method 8260B. Only detected analytes shown in table; see lab report for full list of analytes.

[3]San Francisco Bay Regional Water Quality Control Board (RWQCB) Direct Exposure Human Health Risk Levels (Table S-1), dated 2019 (Rev. 2).

[4]four-point vertical composite sample

[5]four-point horizontal composite sample

[6]non-drinking water

ESL = Environmental Screening Level

NE = not established

VOCs = volatile organic compounds

Table 4
Soil Analytical Results for Detected SVOCs
Brisbane Quarry
Brisbane, California
Farallon PN: 1363-006

Sample Location	Sample Identification	Sample Depth (feet)[1]	Sample Date	Analytical Results (milligrams per kilogram)[2]			
				2,4-Dinitrotoluene	Bis(2-Ethylhexyl) Phthalate	Di-n-Butylphthalate	Phenol
2019 Phase II Environmental Site Assessment							
B-1	B-1	20, 40, 60, 80[4]	6/19/2019	< 0.0063	0.0091	0.0043	< 0.005
B-2	B-2	20, 40, 60, 80[4]	6/20/2019	< 0.0063	0.0068	< 0.005	< 0.005
B-3	B-3	20, 40, 60, 80[4]	6/20/2019	0.065	0.0079	0.44	0.0052
S-1	S-1	1.0[5]	6/4/2019	< 0.013	0.017	< 0.005	< 0.01
S-2	S-2	1.0[5]	6/4/2019	< 0.0063	0.0082	0.0033 B	< 0.005
S-3	S-3	1.0[5]	6/4/2019	< 0.013	0.029	< 0.005	< 0.01
S-4	S-4	1.0[5]	6/4/2019	< 0.0063	0.0081	0.0083 B	< 0.005
S-5	S-5	1.0[5]	6/4/2019	< 0.013	0.021	0.016 B	< 0.01
S-6	S-6	1.0[5]	6/4/2019	< 0.0063	0.013	0.0035 B	< 0.005
S-7	S-7	1.0[5]	6/4/2019	< 0.0063	0.010	0.0038 B	< 0.005
S-8	S-8	1.0[5]	6/4/2019	< 0.0063	0.016	0.0077 B	0.0054
S-9	S-9	1.0[5]	6/4/2019	< 0.063	< 0.05	0.055	< 0.05
2023 Subsurface Investigation							
F-12	F-12-4.0	4.0	5/2/2023	< 0.25	< 0.25	< 0.25	< 0.25
F-13	F-13-15.0	15.0	5/2/2023	< 0.25	< 0.25	< 0.25	< 0.25
F-14	F-14-1	1.0	5/1/2023	< 0.25	< 0.25	< 0.25	< 0.25
	F-14-20	20.0	5/1/2023	< 0.25	< 0.25	< 0.25	< 0.25
F-15	F-15-1	1.0	5/2/2023	< 0.25	< 0.25	< 0.25	< 0.25
	F-15-20	20.0	5/2/2023	< 0.25	< 0.25	< 0.25	< 0.25
	F-15-40	40.0	5/2/2023	< 0.25	< 0.25	< 0.25	< 0.25
F-17	F-17-5.0	5.0	5/2/2023	< 0.25	< 0.25	< 0.25	< 0.25
F-16	F-16-1	1.0	5/3/2023	< 0.25	< 0.25	< 0.25	< 0.25
F-18	F-18-1	1.0	5/2/2023	< 2.5	< 2.5	< 2.5	< 2.5
	F-18-20	20.0	5/2/2023	< 0.25	< 0.25	< 0.25	< 0.25
F-19	F-19-1	1.0	5/3/2023	< 1.2	< 1.2	< 1.2	< 1.2
	F-19-20	20.0	5/3/2023	< 0.25	< 0.25	< 0.25	< 0.25
	F-19-30	30.0	5/3/2023	< 0.25	< 0.25	< 0.25	< 0.25

Table 4
Soil Analytical Results for Detected SVOCs
Brisbane Quarry
Brisbane, California
Farallon PN: 1363-006

Sample Location	Sample Identification	Sample Depth (feet)[1]	Sample Date	Analytical Results (milligrams per kilogram)[2]			
				2,4-Dinitrotoluene	Bis(2-Ethylhexyl) Phthalate	Di-n-Butylphthalate	Phenol
F-20	F-20-10.0	10.0	5/2/2023	< 0.25	< 0.25	< 0.25	< 0.25
F-21	F-21-1	1.0	5/4/2023	< 0.25	< 0.25	< 0.25	< 0.25
	F-21-20	20.0	5/4/2023	< 1.2	< 1.2	< 1.2	< 1.2
F-22	F-22-1	1.0	5/4/2023	< 6.3	< 6.3	< 6.3	< 6.3
	F-22-10	10.0	5/4/2023	< 2.5	< 2.5	< 2.5	< 2.5
	F-22-30	30.0	5/4/2023	< 5.0	< 5.0	< 5.0	< 5.0
San Francisco Bay RWQCB ESLs Commercial: Shallow Soil Exposure[3]				**11**	**160**	**NE**	**350,000**
San Francisco Bay RWQCB ESLs: Construction Worker Soil Exposure[3]				**79**	**950**	**NE**	**98,000**
San Francisco Bay RWQCB ESLs: Leaching to Groundwater Levels[3,6]				**11**	**640**	**NE**	**18**
F-23	F-23-1	1.0	5/4/2023	< 2.5	< 2.5	< 2.5	< 2.5
F-24	F-24-1	1.0	5/4/2023	< 2.5	< 2.5	< 2.5	< 2.5
	F-24-5	5.0	5/4/2023	< 5.0	< 5.0	< 5.0	< 5.0
San Francisco Bay RWQCB ESLs Commercial: Shallow Soil Exposure[3]				**11**	**160**	**NE**	**350,000**
San Francisco Bay RWQCB ESLs: Construction Worker Soil Exposure[3]				**79**	**950**	**NE**	**98,000**
San Francisco Bay RWQCB ESLs: Leaching to Groundwater Levels[3,6]				**11**	**640**	**NE**	**18**

NOTES:

< denotes analyte not detected at or exceeding the reporting limit listed.

[1]Depth in feet below ground surface.

[2]Analyzed by U.S. Environmental Protection Agency Method 8270C. Only detected analytes shown in table; see lab report for full list of analytes.

[3]San Francisco Bay Regional Water Quality Control Board (RWQCB) Direct Exposure Human Health Risk Levels (Table S-1), dated 2019 (Rev. 2).

[4]four-point vertical composite sample

[5]four-point horizontal composite sample

[6]non-drinking water

B = analyte was detected in the associated method blank.

ESL = Environmental Screening Level

NE = not established

SVOCs = semi-volatile organic compounds

Table 5
Soil Analytical Results for PAHs
Brisbane Quarry
Brisbane, California
Farallon PN: 1363-006

Sample Location	Sample Identification	Sample Depth (feet)[1]	Sample Date	Analytical Results (milligrams per kilogram)[2]																
				1-Methylnaphthalene	2-Methylnaphthalene	Acenaphthene	Acenaphthylene	Anthracene	Benzo(a)Anthracene	Benzo(a)Pyrene	Benzo(b)Fluoranthene	Benzo(g,h,i)Perylene	Benzo(k)Fluoranthene	Chrysene	Dibenzo(a,h)Anthracene	Fluoranthene	Fluorene	Indeno(1,2,3-cd)Pyrene	Naphthalene	Phenanthrene	Pyrene
2019 Phase II Environmental Site Assessment																				
B-1	B-1	20, 40, 60, 80[4]	6/19/2019	---	< 0.0025	< 0.0013	< 0.0013	< 0.0013	< 0.0050	< 0.0025	0.0014	< 0.0025	< 0.0013	< 0.0025	< 0.0025	0.0035	< 0.0025	< 0.0025	< 0.0013	< 0.0050	0.0038
B-2	B-2	20, 40, 60, 80[4]	6/20/2019	---	< 0.0025	< 0.0013	< 0.0013	< 0.0013	< 0.0050	< 0.0025	< 0.0013	< 0.0025	< 0.0013	< 0.0025	< 0.0025	< 0.0013	< 0.0025	< 0.0025	< 0.0013	< 0.0050	< 0.0025
B-3	B-3	20, 40, 60, 80[4]	6/20/2019	---	< 0.0025	< 0.0013	< 0.0013	< 0.0013	0.0062	0.0032	0.0023	0.0029	0.0017 B	0.0030 B	< 0.0025	0.0059	< 0.0025	< 0.0025	< 0.0013	< 0.0050	0.0055
S-1	S-1	1.0[5]	6/4/2019	---	< 0.0050	< 0.0026	< 0.0026	< 0.0026	0.018	0.018	0.015	0.026	0.0085	0.023	0.0065	0.023	< 0.0050	0.013	< 0.0026	< 0.01	0.024
S-2	S-2	1.0[5]	6/4/2019	---	< 0.0025	< 0.0013	< 0.0013	< 0.0013	0.0096	0.0070	0.0060	0.0092	0.0047	0.011	0.0034	0.012	< 0.0025	0.0051	< 0.0013	0.0073	0.012
S-3	S-3	1.0[5]	6/4/2019	---	< 0.0050	0.012	0.0075	0.039	0.31	0.49	0.33	0.41	0.17	0.38	0.078	0.73	0.012	0.33	0.0049	0.29	0.62
S-4	S-4	1.0[5]	6/4/2019	---	< 0.0025	0.0014	0.0023	0.0040	0.015	0.016	0.0089	0.014	0.0060	0.015	0.0042	0.032	< 0.0025	0.0098	< 0.0013	0.017	0.020
S-5	S-5	1.0[5]	6/4/2019	---	0.0067	< 0.0026	< 0.0026	< 0.0026	0.019	0.011	0.0075	0.015	0.0038	0.012	0.0074	0.012	< 0.0050	0.0090	< 0.0026	0.018	0.0097
S-6	S-6	1.0[5]	6/4/2019	---	0.0034	< 0.0013	< 0.0013	< 0.0013	0.0060	0.0033	0.0030	0.0061	0.0019	0.0032	< 0.0025	0.0042	< 0.0025	0.0029	< 0.0013	< 0.0050	0.0054
S-7	S-7	1.0[5]	6/4/2019	---	< 0.0025	< 0.0013	< 0.0013	< 0.0013	< 0.0050	< 0.0025	0.0021	0.0049	0.0021	0.0026	< 0.0025	0.0034	< 0.0025	< 0.0025	< 0.0013	< 0.0050	0.0041
S-8	S-8	1.0[5]	6/4/2019	---	< 0.0025	< 0.0013	< 0.0013	< 0.0013	0.0078	0.0042	0.0026	0.0066	0.0025	0.0032	0.0027	0.0060	< 0.0025	0.0039	< 0.0013	< 0.0050	0.0044
S-9	S-9	1.0[5]	6/4/2019	---	< 0.025	0.024	0.020	0.048	0.20	0.19	0.13	0.17	0.15	0.27	0.038	0.55	< 0.025	0.13	< 0.013	0.39	0.39
2023 Subsurface Investigation																				
F-1	F-1-1.0	1.0	5/3/2023	< 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	< 0.25	< 0.25	< 0.25
	F-1-3.0	3.0	5/3/2023	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02
F-2	F-2-3.0	3.0	5/4/2023	< 0.1	< 0.1	0.18	< 0.1	0.5	0.65	0.57	0.62	0.28	0.27	0.55	< 0.1	1.6	0.14	0.32	< 0.1	1.8	1.5
	F-2-4.0	4.0	5/4/2023	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
F-3	F-3-3.0	3.0	5/4/2023	< 0.01	0.012	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	0.023	< 0.01
	F-3-4.0	4.0	5/4/2023	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02
F-6	F-6-5.0	5.0	5/3/2023	0.051	0.097	< 0.01	0.014	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	0.023	< 0.01	< 0.01	0.018	< 0.01	0.024	0.078	0.017
	F-6-10.0	10.0	5/3/2023	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
	F-6-15.0	15.0	5/3/2023	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
F-7	F-7-7.0	7.0	5/3/2023	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
	F-7-15.0	15.0	5/3/2023	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
F-8	F-8-1.0	1.0	5/1/2023	< 0.99	< 0.99	< 0.99	< 0.99	< 0.99	< 0.99	< 0.99	< 0.99	< 0.99	< 0.99	< 0.99	< 0.99	< 0.99	< 0.99	< 0.99	< 0.99	< 0.99	< 0.99
	F-8-3.0	3.0	5/1/2023	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
F-9	F-9-0.5	0.5	5/1/2023	< 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	< 0.25	< 0.25	< 0.25
	F-9-1.0	1.0	5/1/2023	< 0.01	0.012	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	0.019	0.017	< 0.01
	F-9-3.0	3.0	5/1/2023	< 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	< 0.25	< 0.25	< 0.25
F-10	F-10-1.0	1.0	5/1/2023	0.085	0.18	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	0.071	0.031	0.014
	F-10-3.0	3.0	5/1/2023	0.021	0.062	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	0.023	0.028	< 0.01
F-11	F-11-1.0	1.0	5/1/2023	< 0.04	< 0.04	< 0.04	< 0.04	< 0.04	< 0.04	< 0.04	< 0.04	< 0.04	< 0.04	< 0.04	< 0.04	< 0.04	< 0.04	< 0.04	< 0.04	0.066	< 0.04
	F-11-3.0	3.0	5/1/2023	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	0.01	< 0.01
F-12	F-12-4.0	4.0	5/2/2023	< 0.25	< 0.25	< 0.25	< 0.25	0.30	0.80	0.86	0.65	0.50	0.69	0.87	< 0.25	1.6	< 0.25	0.57	< 0.25	1.0	1.8
F-13	F-13-15.0	15.0	5/2/2023	< 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	< 0.25	< 0.25	< 0.25
San Francisco Bay RWQCB ESLs Commercial: Shallow Soil Exposure[3]				**NE**	**3,000**	**45,000**	**NE**	**230,000**	**20**	**2.1**	**21**	**NE**	**210**	**2,100**	**2.1**	**30,000**	**30,000**	**21**	**17**	**NE**	**23,000**
San Francisco Bay RWQCB ESLs: Construction Worker Soil Exposure[3]				**NE**	**670**	**10,000**	**NE**	**50,000**	**110**	**10**	**110**	**NE**	**910**	**9,100**	**11**	**6,700**	**6,700**	**110**	**400**	**NE**	**5,000**
San Francisco Bay RWQCB ESLs: Leaching to Groundwater Levels[3,6]				**NE**	**0.88**	**12**	**NE**	**1.9**	**10**	**5.7**	**75**	**NE**	**39**	**10**	**390**	**86**	**6**	**32**	**1.2**	**NE**	**45**

Table 5
Soil Analytical Results for PAHs
Brisbane Quarry
Brisbane, California
Farallon PN: 1363-006

Sample Location	Sample Identification	Sample Depth (feet)[1]	Sample Date	Analytical Results (milligrams per kilogram)[2]																	
				1-Methylnaphthalene	2-Methylnaphthalene	Acenaphthene	Acenaphthylene	Anthracene	Benzo(a)Anthracene	Benzo(a)Pyrene	Benzo(b)Fluoranthene	Benzo(g,h,i)Perylene	Benzo(k)Fluoranthene	Chrysene	Dibenzo(a,h)Anthracene	Fluoranthene	Fluorene	Indeno(1,2,3-cd)Pyrene	Naphthalene	Phenanthrene	Pyrene
F-15	F-15-1	1.0	5/2/2023	< 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	< 0.25	< 0.25	< 0.25
	F-15-20	20.0	5/2/2023	< 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	< 0.25	< 0.25	< 0.25
	F-15-40	40.0	5/2/2023	< 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	< 0.25	< 0.25	< 0.25
F-16	F-16-1	1.0	5/3/2023	< 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	< 0.25	< 0.25	< 0.25
F-17	F-17-5.0	5.0	5/2/2023	< 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	< 0.25	< 0.25	< 0.25
F-18	F-18-1	1.0	5/2/2023	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5
	F-18-20	20.0	5/2/2023	< 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	< 0.25	< 0.25	< 0.25
F-19	F-19-1	1.0	5/3/2023	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2
	F-19-20	20.0	5/3/2023	< 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	< 0.25	< 0.25	< 0.25
	F-19-30	30.0	5/3/2023	< 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	< 0.25	< 0.25	< 0.25
F-20	F-20-10.0	10.0	5/2/2023	< 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	< 0.25	< 0.25	< 0.25
F-21	F-21-1	1.0	5/4/2023	< 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	< 0.25	< 0.25	< 0.25
	F-21-20	20.0	5/4/2023	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2
F-22	F-22-1	1.0	5/4/2023	< 6.3	< 6.3	< 6.3	< 6.3	< 6.3	< 6.3	< 6.3	< 6.3	< 6.3	< 6.3	< 6.3	< 6.3	< 6.3	< 6.3	< 6.3	< 6.3	< 6.3	< 6.3
	F-22-10	10.0	5/4/2023	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5
	F-22-30	30.0	5/4/2023	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
F-23	F-23-1	1.0	5/4/2023	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5
F-24	F-24-1	1.0	5/4/2023	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5
	F-24-5	5.0	5/4/2023	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
San Francisco Bay RWQCB ESLs Commercial: Shallow Soil Exposure[3]				**NE**	**3,000**	**45,000**	**NE**	**230,000**	**20**	**2.1**	**21**	**NE**	**210**	**2,100**	**2.1**	**30,000**	**30,000**	**21**	**17**	**NE**	**23,000**
San Francisco Bay RWQCB ESLs: Construction Worker Soil Exposure[3]				**NE**	**670**	**10,000**	**NE**	**50,000**	**110**	**10**	**110**	**NE**	**910**	**9,100**	**11**	**6,700**	**6,700**	**110**	**400**	**NE**	**5,000**
San Francisco Bay RWQCB ESLs: Leaching to Groundwater Levels[3,6]				**NE**	**0.88**	**12**	**NE**	**1.9**	**10**	**5.7**	**75**	**NE**	**39**	**10**	**390**	**86**	**6**	**32**	**1.2**	**NE**	**45**

NOTES:

< denotes analyte not detected at or exceeding the reporting limit listed.

[1]Depth in feet below ground surface.

[2]Analyzed by U.S. Environmental Protection Agency Method 8270C or 8270C/SIM.

[3]San Francisco Bay Regional Water Quality Control Board (RWQCB) Direct Exposure Human Health Risk Levels (Table S-1), dated 2019 (Rev. 2).

[4]four-point vertical composite sample
[5]four-point horizontal composite sample
[6]non-drinking water

B = analyte was detected in the associated method blank.
ESL = Environmental Screening Level
NE = not established
PAH = polycylic aromatic hydrocarbons

Table 6
Soil Analytical Results for Pesticides
Brisbane Quarry
Brisbane, California
Farallon PN: 1363-006

Sample Location	Sample Identification	Sample Depth (feet)[1]	Sample Date	Analytical Results (milligrams per kilogram)[2]											
				Aldrin	alpha-BHC	beta-BHC	delta-BHC	gamma-BHC (Lindane)	Chlordane	4,4'-DDD	4,4'-DDE	4,4'-DDT	Dieldrin	Endosulfan I	Endosulfan II
2023 Subsurface Investigation															
F-12	F-12-4.0	4.0	5/2/2023	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.1	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
F-13	F-13-15.0	15.0	5/2/2023	< 0.0050	< 0.0050	< 0.0050	< 0.0050	< 0.0050	< 0.05	< 0.0050	< 0.0050	< 0.0050	< 0.0050	< 0.0050	< 0.0050
F-14	F-14-20	20.0	5/1/2023	< 0.0050	< 0.0050	< 0.0050	< 0.0050	< 0.0050	< 0.05	< 0.0050	< 0.0050	< 0.0050	< 0.0050	< 0.0050	< 0.0050
F-15	F-15-40	40.0	5/2/2023	< 0.0050	< 0.0050	< 0.0050	< 0.0050	< 0.0050	< 0.05	< 0.0050	< 0.0050	< 0.0050	< 0.0050	< 0.0050	< 0.0050
F-18	F-18-20	20.0	5/2/2023	< 0.025	< 0.025	< 0.025	< 0.025	< 0.025	< 0.25	< 0.025	< 0.025	< 0.025	< 0.025	< 0.025	< 0.025
F-19	F-19-30	30.0	5/3/2023	< 0.025	< 0.025	< 0.025	< 0.025	< 0.025	< 0.25	< 0.025	< 0.025	< 0.025	< 0.025	< 0.025	< 0.025
F-21	F-21-1	1.0	5/4/2023	< 0.025	< 0.025	< 0.025	< 0.025	< 0.025	< 0.25	< 0.025	< 0.025	< 0.025	< 0.025	< 0.025	< 0.025
F-22	F-22-30	30.0	5/4/2023	< 0.049	< 0.049	< 0.049	< 0.049	< 0.049	< 0.49	< 0.049	< 0.049	< 0.049	< 0.049	< 0.049	< 0.049
San Francisco Bay RWQCB ESLs Commercial: Shallow Soil Exposure[3]				**0.15**	**NE**	**NE**	**NE**	**2.5**	**2.2**	**12**	**8.3**	**8.5**	**0.16**	**5,800**	
San Francisco Bay RWQCB ESLs: Construction Worker Soil Exposure[3]				**1.00**	**NE**	**NE**	**NE**	**16**	**14**	**81**	**57**	**57**	**1.1**	**1,500**	
San Francisco Bay RWQCB ESLs: Leaching to Groundwater Levels[3,4]				**8.4**	**NE**	**NE**	**NE**	**7400**	**23**	**65**	**29**	**5.6**	**0.0063**	**0.0098**	

NOTES:

< denotes analyte not detected at or exceeding the reporting limit listed.

[1]Depth in feet below ground surface.

[2]Analyzed by U.S. Environmental Protection Agency Method 8081A.

[3]San Francisco Bay Regional Water Quality Control Board (RWQCB) Direct Exposure Human Health Risk Levels (Table S-1), dated 2019 (Rev. 2).

[4]Non-drinking water

BHC = hexachlorocyclohexane
DDD = dichlorodiphenyldichloroethane
DDE = dichlorodiphenyldichloroethylene
DDT = dichlorodiphenyltrichloroethane
ESL = Environmental Screening Level
NE = not established

Table 6
Soil Analytical Results for Pesticides
Brisbane Quarry
Brisbane, California
Farallon PN: 1363-006

Sample Location	Sample Identification	Sample Depth (feet)[1]	Sample Date	Analytical Results (milligrams per kilogram)[2]							
				Endosulfan Sulfate	Endrin	Endrin Aldehyde	Endrin Ketone	Heptachlor	Heptachlor Epoxide	Methoxychlor	Toxaphene
2023 Subsurface Investigation											
F-12	F-12-4.0	4.0	5/2/2023	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.02	< 0.2
F-13	F-13-15.0	15.0	5/2/2023	< 0.0050	< 0.0050	< 0.0050	< 0.0050	< 0.0050	< 0.0050	< 0.01	< 0.1
F-14	F-14-20	20.0	5/1/2023	< 0.0050	< 0.0050	< 0.0050	< 0.0050	< 0.0050	< 0.0050	< 0.01	< 0.1
F-15	F-15-40	40.0	5/2/2023	< 0.0050	< 0.0050	< 0.0050	< 0.0050	< 0.0050	< 0.0050	< 0.0099	< 0.099
F-18	F-18-20	20.0	5/2/2023	< 0.025	< 0.025	< 0.025	< 0.025	< 0.025	< 0.025	< 0.049	< 0.49
F-19	F-19-30	30.0	5/3/2023	< 0.025	< 0.025	< 0.025	< 0.025	< 0.025	< 0.025	< 0.05	< 0.50
F-21	F-21-1	1.0	5/4/2023	< 0.025	< 0.025	< 0.025	< 0.025	< 0.025	< 0.025	< 0.049	< 0.49
F-22	F-22-30	30.0	5/4/2023	< 0.049	< 0.049	< 0.049	< 0.049	< 0.049	< 0.049	< 0.098	< 0.98
San Francisco Bay RWQCB ESLs Commercial: Shallow Soil Exposure[3]				**NE**	**290**	**NE**	**NE**	**0.53**	**0.28**	**4,800**	**2.2**
San Francisco Bay RWQCB ESLs: Construction Worker Soil Exposure[3]				**NE**	**74**	**NE**	**NE**	**3.7**	**1.9**	**1,200**	**14**
San Francisco Bay RWQCB ESLs: Leaching to Groundwater Levels[3,4]				**NE**	**0.0076**	**NE**	**NE**	**44**	**0.006**	**0.013**	**250**

NOTES:

< denotes analyte not detected at or exceeding the reporting limit listed.

[1]Depth in feet below ground surface.

[2]Analyzed by U.S. Environmental Protection Agency Method 8081A.

[3]San Francisco Bay Regional Water Quality Control Board (RWQCB) Direct Exposure Human Health Risk Levels (Table S-1), dated 2019 (Rev. 2).

[4]Non-drinking water

BHC = hexachlorocyclohexane
DDD = dichlorodiphenyldichloroethane
DDE = dichlorodiphenyldichloroethylene
DDT = dichlorodiphenyltrichloroethane
ESL = Environmental Screening Level
NE = not established

Table 7
Soil Analytical Results for PCBs
Brisbane Quarry
Brisbane, California
Farallon PN: 1363-006

Sample Location	Sample Identification	Sample Depth (feet)[1]	Sample Date	Analytical Results (milligrams per kilogram)[2]							
				Aroclor 1016	Aroclor 1221	Aroclor 1232	Aroclor 1242	Aroclor 1248	Aroclor 1254	Aroclor 1260	Total PCBs
2023 Subsurface Investigation											
F-12	F-12-4.0	4.0	5/2/2023	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
F-13	F-13-15.0	15.0	5/2/2023	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
F-14	F-14-20	20.0	5/1/2023	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
F-15	F-15-40	40.0	5/2/2023	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
F-18	F-18-20	20.0	5/2/2023	< 0.099	< 0.099	< 0.099	< 0.099	< 0.099	< 0.099	< 0.099	< 0.099
F-19	F-19-30	30.0	5/3/2023	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10
F-21	F-21-1	1.0	5/4/2023	< 0.049	< 0.049	< 0.049	< 0.049	< 0.049	< 0.049	< 0.049	< 0.049
F-22	F-22-30	30.0	5/4/2023	< 0.098	< 0.098	< 0.098	< 0.098	< 0.098	< 0.098	< 0.098	< 0.098
San Francisco Bay RWQCB ESLs Commercial: Shallow Soil Exposure[3]											**0.94**
San Francisco Bay RWQCB ESLs: Construction Worker Soil Exposure[3]											**5.5**
San Francisco Bay RWQCB ESLs: Leaching to Groundwater Levels[3,4]											**330**

NOTES:

< denotes analyte not detected at or exceeding the reporting limit listed.

[1]Depth in feet below ground surface.

[2]Analyzed by U.S. Environmental Protection Agency Method 8082.

[3]San Francisco Bay Regional Water Quality Control Board (RWQCB) Direct Exposure Human Health Risk Levels (Table S-1), dated 2019 (Rev. 2).

[4]non-drinking water

ESL = Environmental Screening Level

PCB = polychlorinated biphenyl

Table 8
Soil Analytical Results for Metals
Brisbane Quarry
Brisbane, California
Farallon PN: 1363-006

Sample Location	Sample Identification	Sample Depth (feet)[1]	Sample Date	Analytical Results (milligrams per kilogram)[2]																
				Antimony	Arsenic	Barium	Beryllium	Cadmium	Chromium	Cobalt	Copper	Lead	Mercury	Molybdenum	Nickel	Selenium	Silicon	Silver	Thallium	Vanadium	Zinc
2019 Phase II Environmental Site Assessment																					
B-1	B-1	20, 40, 60, 80[4]	6/19/2019	1.3	11	120	0.56	< 0.25	67	15	36	8.1	0.050	1.0	52	< 0.50	---	< 0.50	< 0.50	64	65
B-2	B-2	20, 40, 60, 80[4]	6/20/2019	< 0.50	3.1	35	< 0.50	< 0.25	47	5.2	5.5	3.2	< 0.050	< 0.50	31	< 0.50	---	< 0.50	< 0.50	33	20
B-3	B-3	20, 40, 60, 80[4]	6/20/2019	0.68	6.2	95	0.62	< 0.50	60	12	14	4.2	< 0.050	0.74	48	< 0.50	---	< 0.50	< 0.50	54	45
S-1	S-1	1.0[5]	6/4/2019	< 0.50	5.5	260	< 0.50	0.27	76	14	27	8.5	< 0.050	1.2	82	0.55	---	< 0.50	< 0.50	70	61
S-2	S-2	1.0[5]	6/4/2019	< 0.50	3.9	110	< 0.50	< 0.25	58	7.3	14	5.7	< 0.050	0.68	39	< 0.50	---	< 0.50	< 0.50	57	43
S-3	S-3	1.0[5]	6/4/2019	< 0.50	4.9	180	< 0.50	0.32	52	8.1	20	7.3	< 0.050	1.1	47	0.56	---	< 0.50	< 0.50	58	54
S-4	S-4	1.0[5]	6/4/2019	< 0.50	3.2	34	< 0.50	< 0.25	63	6.5	7.6	3.4	< 0.050	< 0.50	30	0.58	---	< 0.50	< 0.50	63	28
S-5	S-5	1.0[5]	6/4/2019	< 0.50	4.0	110	< 0.50	< 0.25	54	9.7	19	7.6	0.49	< 0.50	53	< 0.50	---	< 0.50	< 0.50	50	43
S-6	S-6	1.0[5]	6/4/2019	< 0.50	4.3	85	< 0.50	< 0.25	75	10	15	6.2	< 0.050	< 0.50	50	< 0.50	---	< 0.50	< 0.50	57	38
S-7	S-7	1.0[5]	6/4/2019	< 0.50	4.4	40	< 0.50	< 0.25	60	6.6	13	3.4	< 0.050	< 0.50	39	< 0.50	---	< 0.50	< 0.50	55	37
S-8	S-8	1.0[5]	6/4/2019	< 0.50	3.4	79	< 0.50	< 0.25	68	8.5	12	4.7	< 0.050	< 0.50	49	< 0.50	---	< 0.50	< 0.50	54	32
S-9	S-9	1.0[5]	6/4/2019	< 0.50	2.7	63	< 0.50	< 0.25	68	14	39	8.2	< 0.050	< 0.50	58	< 0.50	---	< 0.50	< 0.50	69	62
2023 Subsurface Investigation																					
F-5	F-5-1.0	1.0	5/1/2023	< 2.9	4.6	67	< 0.48	< 0.48	28	8.9	19	12	< 0.14	2.2	32	< 2.9	---	< 0.48	< 2.9	51	43
F-8	F-8-1.0	1.0	5/1/2023	< 2.9	5.3	63	0.51	< 0.48	44	11	24	14	< 0.15	2.0	45	< 2.9	---	< 0.48	< 2.9	54	53
F-9	F-9-0.5	0.5	5/1/2023	< 3.0	6.8	44	0.59	< 0.50	36	12	11	6.4	< 0.16	2.1	35	< 3.0	---	< 0.50	< 3.0	56	45
	F-9-1.0	1.0	5/1/2023	< 2.9	8.9	64	0.94	< 0.49	37	14	20	7.3	< 0.15	2.1	34	< 2.9	---	< 0.49	< 2.9	56	55
F-12	F-12-4.0	4.0	5/2/2023	< 3.0	8.7	75	1.0	< 0.50	35	15	21	9.4	< 0.16	2.3	37	< 3.0	---	< 0.50	< 3.0	54	55
	F-12-15.0	15.0	5/2/2023	< 2.9	9.5	72	0.91	< 0.49	34	16	35	6.1	< 0.16	1.7	37	< 2.9	---	< 0.49	< 2.9	53	75
F-13	F-13-5.0	5.0	5/2/2023	< 2.8	10	77	0.99	< 0.46	36	18	29	6.5	< 0.14	1.9	40	< 2.8	---	< 0.46	< 2.8	55	65
	F-13-15.0	15.0	5/2/2023	< 2.9	8.8	58	0.76	< 0.49	49	16	30	6.2	< 0.14	2.0	39	< 2.9	---	< 0.49	< 2.9	62	61
F-14	F-14-1	1.0	5/1/2023	< 2.9	3.4	33	< 0.49	< 0.49	49	5.9	7.6	1.9	< 0.17	< 0.98	30	< 2.9	---	< 0.49	< 2.9	43	24
	F-14-20	20.0	5/1/2023	< 2.9	4.7	250	0.70	< 0.49	38	13	20	7.2	< 0.16	1.0	67	< 2.9	---	< 0.49	< 2.9	48	47
	F-14-40	40.0	5/1/2023	< 2.9	3.4	52	< 0.49	< 0.49	62	8.9	8.7	3.8	< 0.16	< 0.98	52	< 2.9	---	< 0.49	< 2.9	42	30
	F-14-60	60.0	5/1/2023	< 2.9	3.7	57	< 0.48	< 0.48	59	9.6	10	4.4	< 0.16	1.3	57	< 2.9	---	< 0.48	< 2.9	44	35
F-15	F-15-1	1.0	5/2/2023	< 2.9	4.4	65	< 0.49	< 0.49	53	8.3	14	4.2	< 0.16	1.5	46	< 2.9	---	< 0.49	< 2.9	48	36
	F-15-20	20.0	5/2/2023	< 2.9	3.7	140	< 0.49	< 0.49	37	7.9	15	5.7	< 0.15	1.3	34	< 2.9	---	< 0.49	< 2.9	33	41
	F-15-40	40.0	5/2/2023	< 2.9	4.8	83	< 0.49	< 0.49	54	7.8	14	12	< 0.15	2.4	41	< 2.9	---	< 0.49	< 2.9	52	47
	F-15-60	60.0	5/2/2023	< 2.9	3.0	100	< 0.48	< 0.48	55	9.0	32	4.8	< 0.14	1.7	54	< 2.9	---	< 0.48	< 2.9	43	39
F-16	F-16-1	1.0	5/3/2023	< 3.0	6.0	96	0.55	< 0.50	79	17	25	13	< 0.15	1.5	79	< 3.0	---	< 0.50	< 3.0	59	53
F-17	F-17-5.0	5.0	5/2/2023	< 2.9	4.0	82	< 0.49	< 0.49	45	9.5	20	8.4	< 0.15	1.3	40	< 2.9	---	< 0.49	< 2.9	50	36
	F-17-10.0	10.0	5/2/2023	< 3.0	3.2	81	< 0.50	< 0.50	49	9.0	17	6.0	< 0.15	1.2	38	< 3.0	---	< 0.50	< 3.0	50	31
F-18	F-18-1	1.0	5/2/2023	< 2.8	5.2	89	0.48	< 0.46	46	12	21	11	< 0.14	1.5	43	< 2.8	---	< 0.46	< 2.8	52	45
	F-18-20	20.0	5/2/2023	< 2.9	5.7	150	0.65	< 0.48	39	12	23	12	< 0.14	1.3	41	< 2.9	---	< 0.48	< 2.9	44	70
	F-18-40	40.0	5/2/2023	< 2.9	3.2	35	< 0.48	< 0.48	47	4.8	8.1	3.9	< 0.16	1.4	38	< 2.9	---	< 0.48	< 2.9	30	28
	F-18-60	60.0	5/2/2023	< 2.8	3.7	35	< 0.46	< 0.46	46	4.8	8.0	3.1	< 0.16	1.2	37	< 2.8	---	< 0.46	< 2.8	29	110
F-19	F-19-1	1.0	5/3/2023	< 2.8	3.3	61	< 0.47	< 0.47	52	7.9	11	11	< 0.15	0.94	38	< 2.8	---	< 0.47	< 2.8	46	32
	F-19-20	20.0	5/3/2023	< 2.9	6.0	220	0.52	< 0.48	76	20	57	10	0.22	1.8	**93**	< 2.9	---	< 0.48	< 2.9	68	61
	F-19-30	30.0	5/3/2023	< 2.9	7.0	110	0.53	< 0.48	48	17	24	11	< 0.16	1.6	56	< 2.9	---	< 0.48	< 2.9	54	62
F-20	F-20-5.0	5.0	5/2/2023	< 2.8	4.5	130	< 0.46	< 0.46	42	9.0	23	8.2	< 0.15	1.8	48	< 2.8	---	< 0.46	< 2.8	42	58
	F-20-10.0	10.0	5/2/2023	< 2.9	4.4	100	< 0.48	< 0.48	41	7.9	18	16	< 0.15	1.4	38	< 2.9	---	< 0.48	< 2.9	40	49
F-21	F-21-1	1.0	5/4/2023	< 2.9	3.3	100	< 0.48	< 0.48	53	9.2	16	9.9	< 0.16	< 0.96	44	< 2.9	---	< 0.48	< 2.9	44	40
	F-21-10	10.0	5/4/2023	< 2.9	1.9	120	< 0.48	< 0.48	19	8.2	41	3.9	< 0.14	1.0	22	< 2.9	240	< 0.48	< 2.9	56	33
	F-21-20	20.0	5/4/2023	< 2.9	3.0	22	< 0.48	< 0.48	44	4.9	4.9	9.4	< 0.15	< 0.95	24	< 2.9	320	< 0.48	< 2.9	37	24
	F-21-30	30.0	5/4/2023	< 2.9	2.3	14	< 0.48	< 0.48	44	4.5	3.8	8.0	< 0.15	< 0.95	25	< 2.9	290	< 0.48	< 2.9	35	24
F-22	F-22-1	1.0	5/4/2023	< 3.0	3.1	100	< 0.50	< 0.50	66	10	22	26	< 0.15	1.4	75	< 3.0	---	< 0.50	< 3.0	49	68
	F-22-10	10.0	5/4/2023	< 3.0	4.7	79	0.52	< 0.50	45	12	16	8.2	< 0.15	1.9	41	< 3.0	310	< 0.50	< 3.0	63	50
	F-22-20	20.0	5/4/2023	< 2.9	6.6	180	< 0.48	< 0.48	37	11	36	51	< 0.14	1.3	44	< 2.9	390	< 0.48	< 2.9	46	110
	F-22-30	30.0	5/4/2023	< 2.9	3.0	110	< 0.48	< 0.48	40	6.0	47	12	< 0.15	1.9	40	< 2.9	190	< 0.48	< 2.9	31	47
San Francisco Bay RWQCB ESLs Commercial: Shallow Soil Exposure[3]				**160**	**11[4]**	**220,000**	**230**	**1,100**	**1,800,000**	**350**	**47,000**	**320**	**190**	**5,800**	**11,000**	**5,800**	**NE**	**5,800**	**12**	**5,800**	**350,000**
San Francisco Bay RWQCB ESLs: Construction Worker Soil Exposure[3]				**50**	**11[4]**	**3,000**	**27**	**51**	**530,000**	**28**	**14,000**	**160**	**44**	**1,800**	**86**	**1,700**	**NE**	**1,800**	**3.5**	**470**	**110,000**

Table 8
Soil Analytical Results for Metals
Brisbane Quarry
Brisbane, California
Farallon PN: 1363-006

Sample Location	Sample Identification	Sample Depth (feet)[1]	Sample Date	Analytical Results (milligrams per kilogram)[2]																
				Antimony	Arsenic	Barium	Beryllium	Cadmium	Chromium	Cobalt	Copper	Lead	Mercury	Molybdenum	Nickel	Selenium	Silicon	Silver	Thallium	Vanadium	Zinc
F-23	F-23-1	1.0	5/4/2023	< 3.0	4.1	120	< 0.50	< 0.50	53	8.2	26	26	< 0.16	3.6	56	< 3.0	280	< 0.50	< 3.0	44	110
F-24	F-24-1	1.0	5/4/2023	< 3.0	3.4	140	< 0.50	< 0.50	50	7.3	21	30	< 0.16	1.5	39	< 3.0	---	< 0.50	< 3.0	51	73
	F-24-5	5.0	5/4/2023	< 2.9	4.4	120	< 0.49	< 0.49	49	9.9	27	37	< 0.16	2.1	52	< 2.9	260	< 0.49	< 2.9	52	62
	F-24-20	20.0	5/5/2023	< 2.9	6.1	74	0.53	< 0.49	41	11	22	16	< 0.16	1.6	38	< 2.9	250	< 0.49	< 2.9	50	56
F-25	F-25-0.5	0.5	5/4/2023	< 2.9	5.4	51	0.56	< 0.48	43	12	24	6.5	< 0.14	3.5	42	< 2.9	---	< 0.48	< 2.9	59	86
San Francisco Bay RWQCB ESLs Commercial: Shallow Soil Exposure[3]				**160**	**11[4]**	**220,000**	**230**	**1,100**	**1,800,000**	**350**	**47,000**	**320**	**190**	**5,800**	**11,000**	**5,800**	**NE**	**5,800**	**12**	**5,800**	**350,000**
San Francisco Bay RWQCB ESLs: Construction Worker Soil Exposure[3]				**50**	**11[4]**	**3,000**	**27**	**51**	**530,000**	**28**	**14,000**	**160**	**44**	**1,800**	**86**	**1,700**	**NE**	**1,800**	**3.5**	**470**	**110,000**

NOTES:

Results in **bold** and highlighted yellow denote concentrations exceeding applicable ESLs.

NE = not established

< denotes analyte not detected at or exceeding the laboratory reporting limit listed.

--- denotes sample not analyzed.

[1]Depth in feet below ground surface.

[2]Analyzed by U.S. Environmental Protection Agency Method 6020 or 6010B/7471A.

[3]San Francisco Bay Regional Water Quality Control Board (RWQCB) Direct Exposure Human Health Risk Levels (Table S-1), dated 2019 (Rev. 2).

[4]San Francisco Bay Area background arsenic concentration in soils. Establishing Background Arsenic in Soil of the Urbanized San Franciso Bay Region, dated December 2011. Accessed at: https://www.waterboards.ca.gov/sanfranciscobay/water_issues/available_documents/2011_Arsenic_Background_Duverge.pdf

[4]four-point vertical composite sample

[5]four-point horizontal composite sample

Table 9
Soil Analytical Results for Asbestos
Brisbane Quarry
Brisbane, California
Farallon PN: 1363-006

Sample Location	Sample Identification	Sample Depth (feet)[1]	Sample Date	Analytical Results (percent)[2] Asbestos
2019 Phase II Environmental Site Assessment				
B-1	B-1	20, 40, 60, 80[4]	6/19/2019	< 0.25
B-2	B-2	20, 40, 60, 80[4]	6/20/2019	< 0.25
B-3	B-3	20, 40, 60, 80[4]	6/20/2019	< 0.25
S-1	S-1	1.0[5]	6/4/2019	< 0.25
S-2	S-2	1.0[5]	6/4/2019	< 0.25
S-3	S-3	1.0[5]	6/4/2019	< 0.25
S-4	S-4	1.0[5]	6/4/2019	< 0.25
S-5	S-5	1.0[5]	6/4/2019	< 0.25
S-6	S-6	1.0[5]	6/4/2019	< 0.25
S-7	S-7	1.0[5]	6/4/2019	< 0.25
S-8	S-8	1.0[5]	6/4/2019	< 0.25
S-9	S-9	1.0[5]	6/4/2019	< 0.25
2023 Subsurface Investigation				
F-12	F-12-4.0	4.0	5/2/2023	< 0.25
	F-12-15.0	15.0	5/2/2023	< 0.25
F-13	F-13-5.0	5.0	5/2/2023	< 0.25
	F-13-15.0	15.0	5/2/2023	< 0.25
F-16	F-16-1	1.0	5/3/2023	< 0.25
	F-16-2	2.0	5/3/2023	< 0.25
F-21	F-21-10	10.0	5/4/2023	< 0.25
	F-21-20	20.0	5/4/2023	< 0.25
	F-21-30	30.0	5/4/2023	< 0.25
F-22	F-22-10	10.0	5/4/2023	< 0.25
	F-22-20	20.0	5/4/2023	< 0.25
	F-22-30	30.0	5/4/2023	< 0.25
F-23	F-23-1	1.0	5/4/2023	< 0.25
F-24	F-24-5	5.0	5/4/2023	< 0.25
	F-24-20	20.0	5/5/2023	< 0.25
San Francisco Bay RWQCB ESLs Commercial: Shallow Soil Exposure[3]				**NE**
San Francisco Bay RWQCB ESLs: Construction Worker Soil Exposure[3]				**NE**

NOTES:

< denotes analyte not detected at or exceeding the laboratory reporting limit listed.

NE = not established

[1]Depth in feet below ground surface.

[2]Analyzed by CARB 435 Asbestos method.

[3]San Francisco Bay Regional Water Quality Control Board (RWQCB) Direct Exposure Human Health Risk Levels for Commercial/Industrial Shallow Soil Exposure (Table S-1), dated 2019 (Rev. 2).

[4]four-point vertical composite sample

[5]four-point horizontal composite sample

Table 10
Soil Analytical Results for pH
Brisbane Quarry
Brisbane, California
Farallon PN: 1363-006

Sample Location	Sample Identification	Sample Depth (feet)[1]	Sample Date	Analytical Results[2]	
				pH	Temperature (degrees Celsius)
2023 Subsurface Investigation					
F-21	F-21-10	10.0	5/4/2023	8.65	23.20
	F-21-20	20.0	5/4/2023	8.45	23.60
	F-21-30	30.0	5/4/2023	8.41	23.60
F-22	F-22-10	10.0	5/4/2023	11.29	24.80
	F-22-20	20.0	5/4/2023	11.29	23.80
	F-22-30	30.0	5/4/2023	11.92	23.70
F-23	F-23-1	1.0	5/4/2023	9.83	23.00
F-24	F-24-5	5.0	5/4/2023	10.23	23.70
	F-24-20	20.0	5/5/2023	8.54	23.40
San Francisco Bay RWQCB ESLs Commercial: Shallow Soil Exposure[3]				**NE**	**NE**
San Francisco Bay RWQCB ESLs: Construction Worker Soil Exposure[3]				**NE**	**NE**

NOTES:

[1]Depth in feet below ground surface.

NE = not established

[2]Analyzed by U.S. Environmental Protection Agency Method 9045C.

[3]San Francisco Bay Regional Water Quality Control Board (RWQCB) Direct Exposure Human Health Risk Levels for Commercial/Industrial Shallow Soil Exposure (Table S-1), dated 2019 (Rev. 2).

Table 11
Groundwater Analytical Results for TPH
Brisbane Quarry
Brisbane, California
Farallon PN: 1363-006

Sample Location	Sample Date	Sample Identification	Analytical Results (micrograms per liter)[1]		
			TPHg[1]	TPHd[1]	TPHmo[1,2]
Reconnaissance Boring Groundwater Samples					
F-2	5/4/2023	F-2-GW	---	**1,700**	< 1,900
F-5	5/1/2023	F-5-GW	< 50	**250**	< 280
F-6	5/3/2023	F-6-GW	**340**	**5,700**	< 2,800
San Francisco Bay RWQCB Tier 1 ESLs for Groundwater[3]			**100**	**100**	**NE**
San Francisco Bay RWQCB ESLs Vapor Intrusion Human Health Risk Levels: Commercial/Industrial[4]			**NE**	**NE**	**NE**

NOTES:

Results in **bold** denote concentrations exceeding Tier 1 screening levels.
< denotes analyte not detected at or exceeding the reporting limit listed.
--- denotes sample not analyzed.

[1]Analyzed by U.S. Environmental Protection Agency Method 8015B.

[2]TPHmo is composed of long chain compounds (C24-C36+) having negligible solubility. Detections in water samples typically are petroleum HOPs, nonaqueous-phase liquid (NAPL or free product), and/or contaminated sediment.

[3]San Francisco Bay Regional Water Quality Control Board (RWQCB) Tier 1 Environmental Screening Levels (ESLs) for groundwater, dated 2019 (Rev. 2).

[4]San Francisco Bay RWQCB Groundwater Vapor Intrusion Human Health Risk Levels (Table GW-3), dated 2019 (Rev. 2).

ESL = Environmental Screening Level
HOP = hydrocarbon oxidation products
NE = not established
TPHd= total petroleum hydrocarbons (TPH) as diesel-range organics
TPHg = TPH as gasoline-range organics
TPHmo = TPH as motor oil-range organics

Table 12
Groundwater Analytical Results for VOCs
Brisbane Quarry
Brisbane, California
Farallon PN: 1363-006

Sample Location	Sample Date	Sample Identification	Analytical Results (micrograms per liter)[1]											
			1,1,1,2-Tetrachloroethane	1,1,1-Trichloroethane	1,1,2,2-Tetrachloroethane	1,1,2-Trichloroethane	1,1-Dichloroethane	1,1-Dichloroethene	1,1-Dichloropropene	1,2,3-Trichlorobenzene	1,2,3-Trichloropropane	1,2,4-Trichlorobenzene	1,2,4-Trimethylbenzene	1,2-Dibromo-3-chloropropane
Reconnaissance Boring Groundwater Samples														
F-2	5/4/2023	F-2-GW	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 1.0	< 0.5	< 0.5	< 2.0
F-5	5/1/2023	F-5-GW	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 2.0
F-6	5/3/2023	F-6-GW	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	2.1	< 2.0
San Francisco Bay RWQCB Tier 1 ESLs for Groundwater[2]			**0.57**	**62**	**1.0**	**5.0**	**5.0**	**3.2**	**NE**	**NE**	**0.0050**	**5.0**	**NE**	**0.028**
San Francisco Bay RWQCB ESLs Vapor Intrusion Human Health Risk Levels: Commercial/Industrial[3]			**17**	**6,300**	**14**	**23**	**33**	**280**	**NE**	**NE**	**94**	**150**	**NE**	**0.34**

NOTES:
Results in **bold** denote concentrations exceeding Tier 1 screening levels.
< denotes analyte not detected at or exceeding the reporting limit listed.
[1]Analyzed by U.S. Environmental Protection Agency Method 8260B.
[2]San Francisco Bay Regional Water Quality Control Board (RWQCB) Tier 1 Environmental Screening Levels (ESLs) for groundwater, dated 2019 (Rev. 2).
[3]San Francisco Bay RWQCB Groundwater Vapor Intrusion Human Health Risk Levels (Table GW-3), dated 2019 (Rev. 2).

ESL = Environmental Screening Level
NE = not established
VOCs - volatile organic compounds

Table 12
Groundwater Analytical Results for VOCs
Brisbane Quarry
Brisbane, California
Farallon PN: 1363-006

Sample Location	Sample Date	Sample Identification	Analytical Results (micrograms per liter)[1]											
			1,2-Dibromoethane	1,2-Dichlorobenzene	1,2-Dichloroethane	1,2-Dichloropropane	1,3,5-Trimethylbenzene	1,3-Dichlorobenzene	1,3-Dichloropropane	1,4-Dichlorobenzene	2,2-Dichloropropane	2-Butanone (Methyl Ethyl Ketone)	2-Chlorotoluene	4-Chlorotoluene
Reconnaissance Boring Groundwater Samples														
F-2	5/4/2023	F-2-GW	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	11	< 0.5	< 0.5
F-5	5/1/2023	F-5-GW	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 5.0	< 0.5	< 0.5
F-6	5/3/2023	F-6-GW	< 0.5	< 0.5	< 0.5	< 0.5	1.0	< 0.5	< 0.5	< 0.5	< 0.5	< 5.0	< 0.5	< 0.5
San Francisco Bay RWQCB Tier 1 ESLs for Groundwater[2]			**0.050**	**14**	**0.50**	**2.3**	**NE**	**65**	**NE**	**2.6**	**NE**	**5,600**	**NE**	**NE**
San Francisco Bay RWQCB ESLs Vapor Intrusion Human Health Risk Levels: Commercial/Industrial[3]			**0.76**	**11,000**	**9.8**	**10**	**NE**	**NE**	**NE**	**11**	**NE**	**9,500,000**	**NE**	**NE**

NOTES:
Results in **bold** denote concentrations exceeding Tier 1 screening levels.
< denotes analyte not detected at or exceeding the reporting limit listed.
[1]Analyzed by U.S. Environmental Protection Agency Method 8260B.
[2]San Francisco Bay Regional Water Quality Control Board (RWQCB) Tier 1 Environmental Screening Levels (ESLs) for groundwater, dated 2019 (Rev. 2).
[3]San Francisco Bay RWQCB Groundwater Vapor Intrusion Human Health Risk Levels (Table GW-3), dated 2019 (Rev. 2).

ESL = Environmental Screening Level
NE = not established

Table 12
Groundwater Analytical Results for VOCs
Brisbane Quarry
Brisbane, California
Farallon PN: 1363-006

Sample Location	Sample Date	Sample Identification	Analytical Results (micrograms per liter)[1]											
			4-Methyl-2-Pentanone (MIBK)	Acetone	Benzene	Bromobenzene	Bromochloromethane	Bromodichloromethane	Bromoform	Bromomethane	Carbon Tetrachloride	Chlorobenzene	Chloroethane	Chloroform
Reconnaissance Boring Groundwater Samples														
F-2	5/4/2023	F-2-GW	< 5.0	37	< 0.5	< 1.0	< 0.5	< 0.5	< 1.0	< 1.0	< 0.5	< 0.5	< 0.5	< 0.5
F-5	5/1/2023	F-5-GW	< 5.0	< 20	< 0.5	< 1.0	< 0.5	< 0.5	< 1.0	< 1.0	< 0.5	< 0.5	< 0.5	< 0.5
F-6	5/3/2023	F-6-GW	< 5.0	< 20	< 0.5	< 1.0	< 0.5	< 0.5	< 1.0	< 1.0	< 0.5	< 0.5	< 0.5	< 0.5
San Francisco Bay RWQCB Tier 1 ESLs for Groundwater[2]			**120**	**1,500**	**0.42**	**NE**	**NE**	**0.87**	**80**	**7.5**	**0.43**	**25**	**16**	**0.81**
San Francisco Bay RWQCB ESLs Vapor Intrusion Human Health Risk Levels: Commercial/Industrial[3]			**2,300,000**	**97,000,000**	**1.8**	**NE**	**NE**	**3.8**	**510**	**73**	**1.9**	**1,700**	**97,000**	**3.6**

NOTES:
Results in **bold** denote concentrations exceeding Tier 1 screening levels.
< denotes analyte not detected at or exceeding the reporting limit listed.
[1]Analyzed by U.S. Environmental Protection Agency Method 8260B.
[2]San Francisco Bay Regional Water Quality Control Board (RWQCB) Tier 1 Environmental Screening Levels (ESLs) for groundwater, dated 2019 (Rev. 2).
[3]San Francisco Bay RWQCB Groundwater Vapor Intrusion Human Health Risk Levels (Table GW-3), dated 2019 (Rev. 2).

ESL = Environmental Screening Level
NE = not established

Table 12
Groundwater Analytical Results for VOCs
Brisbane Quarry
Brisbane, California
Farallon PN: 1363-006

Sample Location	Sample Date	Sample Identification	Analytical Results (micrograms per liter)[1]											
			Chloromethane	cis-1,2-Dichloroethene	cis-1,3-Dichloropropene	Dibromochloromethane	Dibromomethane	Dichlorodifluoromethane	Diisopropyl Ether	Ethylbenzene	Freon 113	Hexachlorobutadiene	Isopropylbenzene	Methyl Tertiary Butyl Ether (MTBE)
Reconnaissance Boring Groundwater Samples														
F-2	5/4/2023	F-2-GW	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 2.0	< 0.5	< 0.5
F-5	5/1/2023	F-5-GW	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 2.0	< 0.5	< 0.5
F-6	5/3/2023	F-6-GW	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 2.0	< 0.5	< 0.5
San Francisco Bay RWQCB Tier 1 ESLs for Groundwater[2]			**190**	**6.0**	**NE**	**34**	**NE**	**NE**	**NE**	**3.5**	**NE**	**0.14**	**NE**	**5.0**
San Francisco Bay RWQCB ESLs Vapor Intrusion Human Health Risk Levels: Commercial/Industrial[3]			**1,100**	**210**	**NE**	**NE**	**NE**	**NE**	**NE**	**15**	**NE**	**1.3**	**NE**	**2,000**

NOTES:
Results in **bold** denote concentrations exceeding Tier 1 screening levels.
< denotes analyte not detected at or exceeding the reporting limit listed.
[1]Analyzed by U.S. Environmental Protection Agency Method 8260B.
[2]San Francisco Bay Regional Water Quality Control Board (RWQCB) Tier 1 Environmental Screening Levels (ESLs) for groundwater, dated 2019 (Rev. 2).
[3]San Francisco Bay RWQCB Groundwater Vapor Intrusion Human Health Risk Levels (Table GW-3), dated 2019 (Rev. 2).

ESL = Environmental Screening Level
NE = not established

Table 12
Groundwater Analytical Results for VOCs
Brisbane Quarry
Brisbane, California
Farallon PN: 1363-006

Sample Location	Sample Date	Sample Identification	Analytical Results (micrograms per liter)[1]											
			Methylene Chloride	Naphthalene	n-Butylbenzene	n-Propylbenzene	p-Isopropyltoluene	sec-Butylbenzene	Styrene	tert-Amyl Methyl Ether (TAME)	tert-Butyl Alcohol	tert-Butyl Ethyl Ether (ETBE)	tert-Butylbenzene	Tetrachloroethene (PCE)
Reconnaissance Boring Groundwater Samples														
F-2	5/4/2023	F-2-GW	< 10	< 2.0	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 10	< 0.5	< 0.5	< 0.5
F-5	5/1/2023	F-5-GW	< 10	< 2.0	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 10	< 0.5	< 0.5	< 0.5
F-6	5/3/2023	F-6-GW	< 10	**2.4**	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 10	< 0.5	< 0.5	< 0.5
San Francisco Bay RWQCB Tier 1 ESLs for Groundwater[2]			**5.0**	**0.17**	**NE**	**NE**	**NE**	**NE**	**10**	**NE**	**12**	**NE**	**NE**	**0.64**
San Francisco Bay RWQCB ESLs Vapor Intrusion Human Health Risk Levels: Commercial/Industrial[3]			**94**	**20**	**NE**	**NE**	**NE**	**NE**	**36,000**	**NE**	**NE**	**NE**	**NE**	**2.8**

NOTES:
Results in **bold** denote concentrations exceeding Tier 1 screening levels.
< denotes analyte not detected at or exceeding the reporting limit listed.
[1]Analyzed by U.S. Environmental Protection Agency Method 8260B.
[2]San Francisco Bay Regional Water Quality Control Board (RWQCB) Tier 1 Environmental Screening Levels (ESLs) for groundwater, dated 2019 (Rev. 2).
[3]San Francisco Bay RWQCB Groundwater Vapor Intrusion Human Health Risk Levels (Table GW-3), dated 2019 (Rev. 2).

ESL = Environmental Screening Level
NE = not established

Table 12
Groundwater Analytical Results for VOCs
Brisbane Quarry
Brisbane, California
Farallon PN: 1363-006

Sample Location	Sample Date	Sample Identification	Analytical Results (micrograms per liter)[1]							
			Toluene	trans-1,2-Dichloroethene	trans-1,3-Dichloropropene	Trichloroethene (TCE)	Trichlorofluoromethane	Vinyl Chloride	m,p-Xylene	o-Xylene
Reconnaissance Boring Groundwater Samples										
F-2	5/4/2023	F-2-GW	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 1.0	< 0.5
F-5	5/1/2023	F-5-GW	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 1.0	< 0.5
F-6	5/3/2023	F-6-GW	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 1.0	< 0.5
San Francisco Bay RWQCB Tier 1 ESLs for Groundwater[2]			**40**	**10**	**NE**	**1.2**	**NE**	**0.0086**	**20**	
San Francisco Bay RWQCB ESLs Vapor Intrusion Human Health Risk Levels: Commercial/Industrial[3]			**4,900**	**920**	**NE**	**7.5**	**NE**	**0.14**	**1,600**	

NOTES:
Results in **bold** denote concentrations exceeding Tier 1 screening levels.
< denotes analyte not detected at or exceeding the reporting limit listed.
[1]Analyzed by U.S. Environmental Protection Agency Method 8260B.
[2]San Francisco Bay Regional Water Quality Control Board (RWQCB) Tier 1 Environmental Screening Levels (ESLs) for groundwater, dated 2019 (Rev. 2).
[3]San Francisco Bay RWQCB Groundwater Vapor Intrusion Human Health Risk Levels (Table GW-3), dated 2019 (Rev. 2).

ESL = Environmental Screening Level
NE = not established

Table 13
Groundwater Analytical Results for PAHs
Brisbane Quarry
Brisbane, California
Farallon PN: 1363-006

Sample Location	Sample Date	Sample Identification	Analytical Results (micrograms per liter)[1]																	
			1-Methylnaphthalene	2-Methylnaphthalene	Acenaphthene	Acenaphthylene	Anthracene	Benzo(a)Anthracene	Benzo(a)Pyrene	Benzo(b)Fluoranthene	Benzo(g,h,i)Perylene	Benzo(k)Fluoranthene	Chrysene	Dibenzo(a,h)Anthracene	Fluoranthene	Fluorene	Indeno(1,2,3-cd)Pyrene	Naphthalene	Phenanthrene	Pyrene
Reconnaissance Boring Groundwater Samples																				
F-2	5/4/2023	F-2-GW	< 13 H	< 13 H	< 13 H	< 13 H	< 13 H	< 13 H	< 13 H	< 13 H	< 13 H	< 13 H	< 13 H	< 13 H	< 13 H	< 13 H	< 13 H	< 13 H	< 13 H	< 13 H
F-6	5/3/2023	F-6-GW	2.4	**2.2**	< 0.53	< 0.53	< 0.53	< 0.53	< 0.53	< 0.53	< 0.53	< 0.53	< 0.53	< 0.53	< 0.53	< 0.53	< 0.53	**0.78**	< 0.53	< 0.53
San Francisco Bay RWQCB Tier 1 ESLs for Groundwater[2]			**NE**	**2.1**	**15**	**15**	**0.73**	**0.017**	**0.014**	**0.049**	**0.10**	**0.049**	**0.049**	**0.025**	**8.0**	**3.9**	**0.049**	**0.17**	**4.6**	**2.0**
San Francisco Bay RWQCB ESLs Vapor Intrusion Human Health Risk Levels: Commercial/Industrial[3]			**NE**	**NE**	**NE**	**NE**	**NE**	**230**	**NE**	**NE**	**NE**	**NE**	**NE**	**NE**	**NE**	**NE**	**NE**	**20**	**NE**	**NE**

NOTES:

Results in **bold** denote concentrations exceeding Tier 1 screening levels.

< denotes analyte not detected at or exceeding the reporting limit listed.

[1]Analyzed by U.S. Environmental Protection Agency Method 8270C/SIM.

[2]San Francisco Bay Regional Water Quality Control Board (RWQCB) Tier 1 Environmental Screening Levels (ESLs) for groundwater, dated 2019 (Rev. 2).

[3]San Francisco Bay Regional Water Quality Control Board (RWQCB) Groundwater Vapor Intrusion Human Health Risk Levels (Table GW-3), dated 2019 (Rev. 2).

ESL = Environmental Screening Level

H = sample extracted and analyzed outside of holding time

PAH = polycylic aromatic hydrocarbon

Table 14
Soil Gas Analytical Results for VOCs
Brisbane Quarry
Brisbane, California
Farallon PN: 1363-006

Sample Location	Sample Identification	Sample Depth (feet)[1]	Sample Date	Analytical Results (micrograms per cubic meter)[2]									Analytical Results (percent)[3]
				2-Butanone (Methyl Ethyl Ketone)	2-Hexanone	2-Propanol	Acetone	Carbon Disulfide	tert-Butyl Alcohol	TPHg	m,p-Xylene	o-Xylene	Helium
2023 Subsurface Investigation													
F-4	F-4-SG	0.5	5/9/2023	1.5	3.9	16	12	< 1.6	< 1.5	---	4.0	< 2.2	< 0.0087
F-9	F-9-SG-5.0	5.0	5/9/2023	2.2	< 2.1	15	< 12	2.3	5.2	820 x	< 2.2	< 2.2	< 0.015
San Francisco Bay RWQCB ESLs for Subslab/Soil Gas - Commercial/Industrial[4]				**730,000**	**NE**	**NE**	**4,500,000**	**NE**	**NE**	**83,000**	**15,000**		**NE**

NOTES:

< denotes analyte not detected at or exceeding the reporting limit listed.

--- denotes sample not analyzed.

[1]Depth in feet below ground surface.

[2]Analyzed by U.S. Environmental Protection Agency Method TO-15. Only detected analytes shown in table; see lab report for full list of analytes.

[3]Analyzed by ASTM Method D1946.

[4]San Francisco Bay Regional Water Quality Control Board (RWQCB) Subslab/Soil Gas Vapor Intrusion: Human Health Risk Levels, (Table SG-1), dated 2019 (Rev 2).

NE = not established

TPHg= total petroleum hydrocarbons (TPH) as gasoline-range organics

x = chromatogram does not match pattern of reference gasoline standard; result due to discrete peaks and non-target hydrocarbons within the C5-C12 range quantified as gasoline

VOCs = volatile organic compounds

APPENDIX B
GPP CHARACTERIZATION AND REUSE OF PETROLEUM HYDROCARBON IMPACTED SOIL

MEDIA MANAGEMENT PLAN
1 Quarry Road
Brisbane, California

Farallon PN: 1363-006

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Characterization and Reuse of Petroleum Hydrocarbon Impacted Soil

INTRODUCTION

This guidance relates to the on-site reuse of non-hazardous petroleum hydrocarbon impacted soil on the same contiguous property (assessor's parcel) where it was generated. This guidance does not apply to hazardous waste, nor does it apply to the off-site reuse or disposal of soil, or the import of soil for construction or other uses. Soil proposed for reuse must be approved by San Mateo County Environmental Health Services staff prior to placement.

The standards applied in this guidance are designed to meet risk-based screening levels for residential (or potential future residential) land use, as presented in the San Francisco Bay Regional Water Quality Control Board (RWQCB) *Screening for Environmental Concerns at Sites with Contaminated Soil and Groundwater, Interim Final, February 2005*. The standards are also intended to demonstrate that the soil is inert, as defined in Title 27, Section 20230 of the California Code of Regulations with respect to the water quality objectives set forth in the RWQCB Water Quality Control Plan. It is also designed to be consistent with the RWQCB Draft – December 2005 *Characterization and Reuse of Petroleum Hydrocarbon Impacted Soil as Inert Waste*.

For the purposes of this guidance, petroleum hydrocarbon impacted soil is defined as soil impacted with gasolines and middle distillates, including diesel, kerosene, and jet fuel, collectively referred to as "diesel". Inert waste is defined as "a subset of solid waste that does not contain hazardous waste or soluble pollutants at concentrations in excess of applicable water quality objectives and does not contain significant quantities of decomposable waste". This guidance does not apply to hazardous waste, nor does it apply to the off-site reuse or disposal of soil, or the import of soil for construction or other uses. This guidance is also not intended to address reuse of soils impacted with heavier petroleum products (e.g., fuel oil Nos. 4, 5, and 6, lubricating oils, motor oil, etc.) or any other contaminant. Used motor oil, hydraulic fluids and other common types of heavy petroleum products/wastes may contain significant amounts of polynuclear aromatic hydrocarbons (PAHs), heavy metals, polychlorinated biphenyls (PCBs), chlorinated solvents, pesticides, volatile organic compounds (VOCs) and other potentially harmful chemicals. Evaluation of soil impacted with heavy petroleum hydrocarbons and other contaminants (especially those that may be construed as

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RCRA Listed Wastes) for reuse should be based on a more complete assessment of potential constituents and exposure concerns.

This guidance is not intended to supersede any site-specific decisions regarding cleanup, cleanup standards, or reuse of excavated soil in areas undergoing cleanup pursuant to an approved remedial action plan.

SITE CONDITIONS

The proposed reuse location must meet the following conditions to the extent practicable. In all cases, the discharger must demonstrate that the reuse location (both laterally and vertically) is protective of beneficial uses of waters of the State in a manner consistent with Title 27.

1. **Separation from Groundwater**: The petroleum hydrocarbon impacted soil must be placed at least 5 feet above the highest anticipated elevation of groundwater.
2. **Separation from Surface Water**: The petroleum hydrocarbon impacted soil must be placed at least 100 feet from the nearest surface water body.
3. **Flood Plain Protection**: The petroleum hydrocarbon impacted soil must be protected against 100-year peak stream flows as defined by the County flood control agency.
4. **Cover and Erosion Protection**: The petroleum hydrocarbon impacted soil must be buried at least three feet beneath the surface grade. It shall also be capped with erosion-resistant materials such as compacted soil, rock, asphalt, concrete, etc. The petroleum hydrocarbon impacted soil must be protected from erosion and exposure at the ground surface for as long as it remains in place and has detectable concentrations of petroleum hydrocarbons.
5. **Property Owner Acknowledgement:** By written correspondence to County Environmental Health Services staff, the owner of the property where the petroleum hydrocarbon impacted soil is proposed for reuse must acknowledge their acceptance of the placement of the petroleum hydrocarbon impacted soil and any maintenance required to comply with the above conditions. The property owner must also acknowledge that potential buyers of the property will be notified, and that County Environmental Health Services will also be notified prior to any change in ownership of the property.

SAMPLING AND CHARACTERIZATION

All stockpiled soil to be reused must be characterized in accordance with the methodology set forth in the most recently promulgated edition of “Test Methods for

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Evaluation Solid Waste, Physical/Chemical Methods, SW-846", U.S. Environmental Protection Agency (EPA SW-846).

Sampling Frequency

Procedures in EPA SW-846 provide a method for determining the mean concentration of a given constituent within a soil mass and the appropriate number of samples necessary to calculate this mean to within a specified confidence level. Initial sampling should generate a minimum number of samples/analyses as described below. Additional sample analyses may be required to meet the confidence levels specified in EPA SW-846, therefore, archiving of samples may be appropriate. Archived samples must be appropriately preserved and analyzed within maximum holding times.

The minimum number of discrete (not composited) samples necessary to adequately characterize the petroleum hydrocarbon impacted soil should be determined in accordance with the statistical procedure in EPA SW-846. The following schedule can be used to estimate the minimum number of samples necessary to meet the statistical requirements in EPA SW-846, in most cases. If the number of samples analyzed is fewer than indicated in the following schedule, then the statistical basis for the deviation must be appropriately justified for review by Environmental Health Services staff.

- Stockpiles less than 500 cubic yards (cy): One sample every 25 cy (e.g., 20 samples for a 500 cy stockpile).
- Stockpiles from 500 to 1,000 cy: Twenty (20) samples plus one sample for every 100 cy in excess of the initial 500 cy (e.g., 25 samples for a 1,000 cy stockpile).

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- Stockpiles from 1,000 to 10,000 cy: Twenty-five (25) samples plus one sample for every 500 cy in excess of the initial 1,000 cy (e.g., 43 samples for a 10,000 cy stockpile).
- Stockpiles greater than 10,000 cy: Forty-three (43) samples plus one sample for every 5,000 cy in excess of the initial 10,000 cy (e.g., 61 samples for a 100,000 cy stockpile).

Discrete vs. Composite Sampling

The statistical method in EPA SW-846 assumes that contaminants are heterogeneously distributed within the soil mass and that hotspots exist and are of concern. Composite sampling is not well suited for identifying hotspots because of the "dilution" or "averaging" effect of mixing samples to create a single composite. Furthermore, composite sampling is not appropriate when sampling for volatile organic compounds, due to the losses inherent in the composite mixing process. In addition, the statistical method in EPA SW-846 requires a reasonably accurate measure of sample variability in order to estimate a reasonably accurate confidence interval about the mean for each constituent in the soil mass. Variability between composite sample results tends to be muted due to the averaging effect of the mixing process, which generally leads to a falsely narrow confidence interval about the mean. It is the upper limit of the confidence interval that is compared to the regulatory limit to determine if a sufficient number of samples have been analyzed to identify hotspots and capture the true range of constituent concentrations. Therefore, composite sampling is not appropriate and discrete sampling is required.

Sample Location/Distribution

Sample locations/distribution within the soil mass should be random, uniform, or biased toward hotspot areas, based on professional judgment and field screening indications. The methods for determining sample locations (e.g., random x,y,z coordinates), with appropriate justification of method selection, must be submitted to County Environmental Health Services for approval prior to the sampling. Simply sampling soil approximately 6 inches beneath the surface of the stockpile **is not** appropriate.

Analyses

A two-tiered evaluation may be required to determine if soil is suitable for reuse under this guidance. Therefore, two types of analyses may be required. The Tier 1 analyses consist of determining the total concentrations of contaminants in the soil. The Tier 2 analyses consist of determining the leachable concentrations of contaminants from the soil.

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Tier 1 Analyses:

Gasoline (C_6 – C_{12})

Soils impacted with gasoline should be analyzed for total petroleum hydrocarbons (TPH) as gasoline through the carbon range C_6 through C_{12}, as well as benzene, toluene, ethylbenzene, total xylenes (BTEX), methyl-tertiary butyl ether (MtBE) (and other fuel oxygenates as required on a case-by-case basis). TPH soil sample results from the Tier 1 analyses should be ranked from highest concentration to lowest concentration for comparison to regulatory criteria. Minimum laboratory reporting limit should be conducive to the use of the data.

Middle Distillates (C_9 – C_{25})

Soils impacted with middle distillate petroleum fuels should be analyzed for TPH through the carbon range C_9 through C_{25}, as well as BTEX and naphthalene. Analyses for MtBE and other fuel oxygenates may be required on a case-by-case basis. TPH soil sample results from the Tier 1 analyses should be ranked from highest concentration to lowest concentration for comparison to regulatory criteria. Minimum laboratory reporting limit should be conducive to the use of the data.

Tier 2 Analyses:

Gasoline (C_6 – C_{12})

TPH soil sample results from the Tier 1 analyses should be ranked from highest concentration to lowest concentration. The highest 25% of samples for TPH (minimum of four samples) should be extracted using the Synthetic Precipitation Leaching Procedure (SPLP). Procedures for the SPLP are described in EPA SW-846 (EPA Method 1312). The SPLP extract should be analyzed for TPH as gasoline through the carbon range C_6 through C_{12}, as well as BTEX, MtBE (and other fuel oxygenates as required on a case-by-case basis). Minimum laboratory reporting limit should be conducive to the use of the data.

Middle Distillates (C_9 – C_{25})

TPH soil sample results from the Tier 1 analyses should be ranked from highest concentration to lowest concentration. The highest 25% of samples for TPH (minimum of four samples) should be extracted using the SPLP. The SPLP extract should be analyzed for TPH through the carbon range C_9 through C_{25}, as well as BTEX and naphthalene. Analyses for MtBE and other fuel oxygenates may be required on a case-by-case basis. Minimum laboratory reporting limit should be conducive to the use of the data.

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EVALUATION CRITERIA AND REGULATORY LIMITS

There are three types of regulatory limits applicable to the reuse of petroleum hydrocarbon impacted soil. These include 1) the Not-to-Exceed soil concentration limits, 2) the Tier 1 soil concentration limits, and 3) the Tier 2 leachate concentration limits. The Not-to-Exceed and Tier 1 soil limits are listed in Table 1 and the Tier 2 leachate limits are listed in Table 2.

Tier 1 not-to-exceed limits must be compared to individual stockpile sample results for each constituent. Not-to-exceed limits are based the lowest screening level protective of direct exposure (the lower of either carcinogenic at $1x10^{-6}$ excess risk or hazard index of 0.2 [0.5 for TPH]) or vapor intrusion concerns for residential land use as presented in Table A-1 of the RWQCB, *Screening for Environmental Concerns at Sites with Contaminated Soil and Groundwater, Interim Final, February 2005*. Tier 1 soil concentration limits may be compared to the 95% upper confidence limit (UCL) of the mean calculated from the stockpile sample data for each constituent. Soil concentration limits are based on soil leaching screening levels for a drinking water resource, as presented in Table G of the RWQCB February 2005 screening levels document. Tier 2 leachate concentration limits are based on the lowest water quality objective that is protective of nuisance odors, human health, or aquatic life, as presented in the RWQCB February 2005 screening levels document.

Computing the 95% UCL of the Mean

After an appropriate number of samples have been collected from the stockpiled soil, the
95% UCL of the mean can be determined for each constituent of concern. If a data set is not normally distributed, it must be appropriately transformed. Guidance on determining the 95% UCL of the mean can be found in EPA SW-846 and in the EPA publication *Supplemental Guidance to RAGS: Calculating the Concentration Term*, as presented in Risk Assessment Guidance for Superfund (RAGS) Volume 1, Human Health Evaluation Manual, publication 9285.7, May 1992.

Evaluation Process

The evaluation process is graphically represented in figure 1 below.

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After ranking the soil analytical concentration results from highest to lowest, if the highest concentration for each constituent does not exceed the Tier 1 soil concentration limits, as presented in Table 1 below, then no further evaluation is necessary, and the soil is suitable for reuse in accordance with this guidance. If any constituent concentration exceeds the Tier 1 not-to-exceed limits, as presented in Table 1 below, then the soil is **not** suitable for reuse without further remedial action. Further remedial action may entail actions such as further segregation of soil or soil treatment (to be followed by further confirmation sampling and data evaluation).

If based on the above evaluation, no constituent concentration exceeds the not-to-exceed limits, but at least one constituent concentration does exceed the Tier 1 soil concentration limits, then the 95% upper confidence limit (UCL) of the mean, as computed from the soil characterization data for each constituent, can be used for comparison to the Tier 1 soil concentration limit for each constituent. If the 95% UCL of the mean of the soil data does not exceed the Tier 1 soil concentration limits for any constituents, then the soil is suitable for reuse in accordance with this guidance.

If the 95% UCL of the mean of the soil data does exceed the Tier 1 soil concentration limits for any constituents (but is less than the not-to-exceed limits), then the Tier 2 leachability analyses must be performed. If the 95% UCL of the mean of the leachate concentrations for any constituent exceeds the Tier 2 leachate limits listed in Table 2 below, then the soil is **not** suitable for reuse without further remedial action and re-evaluation.

Figure 1: Evaluation Process for Reuse of Non-Hazardous, Petroleum Hydrocarbon Impacted Soil

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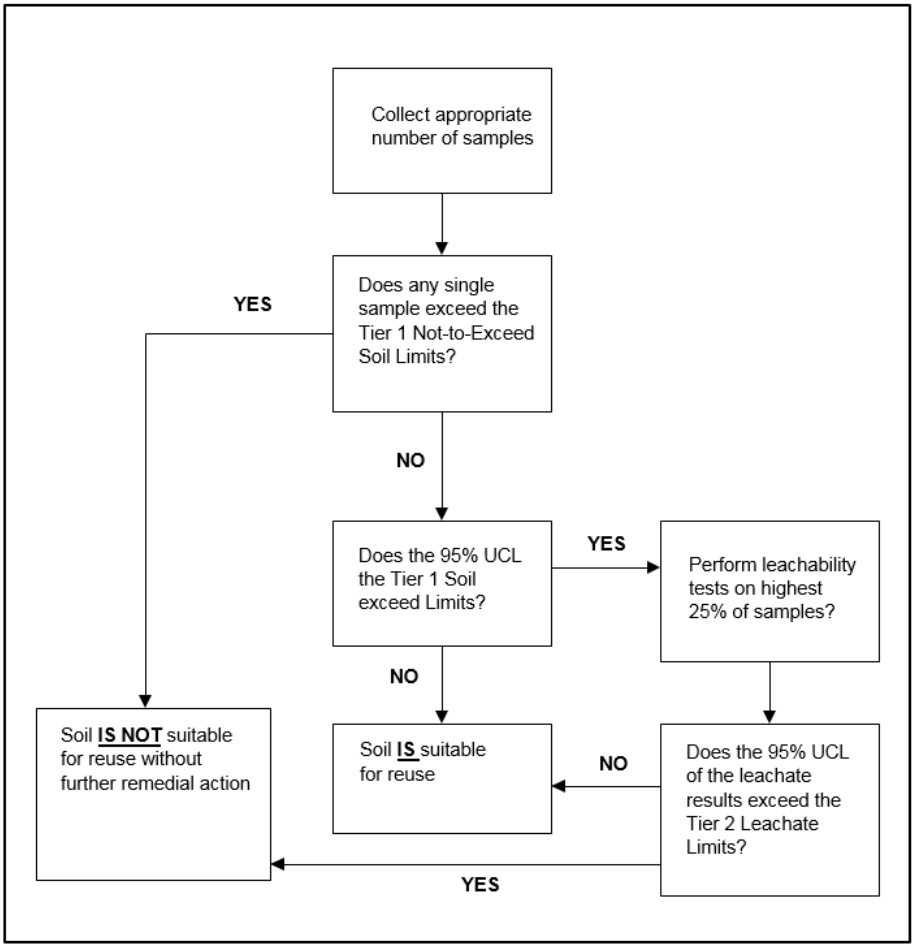


Table 1: Tier 1 Concentration Limits for Gasoline and Diesel[1] in Soil

Contaminant	Constituent of Concern	Soil Concentration Limits (mg/kg)	Not-to-Exceed Limits (mg/kg)
Gasoline	TPH-Gasoline	100	400
Diesel	TPH-Diesel	100	400
Gasoline/Diesel	Benzene	0.044	0.18
Gasoline/Diesel	Toluene	2.9	100
Gasoline/Diesel	Ethylbenzene	3.3	390
Gasoline/Diesel	Xylenes	2.3	310
Gasoline	MtBE[2]	0.023	2
Gasoline	TBA	0.073	57
Diesel	Naphthalene	0.46	1.5

Table 2: Tier 2 Leachate (SPLP) Concentration Limits for Gasoline and Diesel[1] in Soil

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Contaminant	Constituent of Concern	Leachate Concentration Limits (µg/l)
Gasoline	TPH-Gasoline	100
Diesel	TPH-Diesel	100
Gasoline/Diesel	Benzene	1.0
Gasoline/Diesel	Toluene	40
Gasoline/Diesel	Ethylbenzene	30
Gasoline/Diesel	Xylenes	20
Gasoline	MtBE[2]	5
Gasoline	TBA	12
Diesel	Naphthalene	17

WORK PLAN AND REPORTING REQUIREMENTS

For all sites in San Mateo County where soil reuse is proposed, a technical work plan containing the compliance information summarized below must be submitted to County Environmental Health Services staff for review and approval before any soil is reused. If the site is a corrective action case under County GPP oversight, the work plan must be uploaded to Geotracker, along with any other relevant electronic data reports (analytical data, survey data, geomap files, etc.), in compliance with SWRCB (Geotracker) requirements.

[1] Includes comparable middle distillates (C_9 – C_{25}) including diesel, kerosene, jet fuel, etc.
[2] Testing for other fuel oxygenates may be required on a case-by-case basis.

The work plan must include the following.

- Source of the petroleum hydrocarbon impacted soil (e.g., gas station, farm tank, etc.).
- An estimate of the volume of impacted soil (including measurements and calculations)
- A description of the contaminant(s).
- A description of the proposed sampling methodology, proposed sample locations and proposed sample selection process.
- A scaled map detailing the stockpile and proposed sample locations.

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Once the work plan has been approved and the sampling has been conducted, the following information must be submitted for approval before any soil is reused.

- Any changes to the approved scope of work or sample locations with appropriate explanation/justification.
- All sample laboratory analytical results, chain-of-custody documents, and QA/QC supporting data.
- A summary table of the laboratory results for the stockpile sampling.
- All statistical calculations.
- A tabular comparison of the statistical results for each constituent for each stockpile to the Table 1 and Table 2 regulatory limits.
- Description and map of the site and proposed soil reuse location(s) (proposed area and depth of placement).
- A statement, signed by the discharger/responsible party and a registered professional[3] , certifying compliance with the restrictions, site conditions, sampling and analysis, and evaluation criteria described in this guidance.
- A statement signed by the property owner acknowledging the reuse of the impacted soil on the property and responsibility for maintaining compliance with the conditions of this guidance.

If, based on the information submitted, the reuse is approved by Environmental Health Services, County staff will issue a letter approving implementation of the soil reuse. After implementation of the approved reuse, a letter must be submitted to Environmental Health Services by the registered professional in charge of the work certifying that the soil was reused in accordance with the approved scope of work.

[3] California Professional Geologist or Civil Engineer.

APPENDIX C
DTSC INFORMATION ADVISORY, CLEAN IMPORTED FILL MATERIAL

MEDIA MANAGEMENT PLAN
1 Quarry Road
Brisbane, California

Farallon PN: 1363-006

Information Advisory
Clean Imported Fill Material

October 2001

DEPARTMENT OF TOXIC SUBSTANCES CONTROL

It is DTSC's mission to restore, protect and enhance the environment, to ensure public health, environmental quality and economic vitality, by regulating hazardous waste, conducting and overseeing cleanups, and developing and promoting pollution prevention.

State of California

California Environmental Protection Agency

Executive Summary

This fact sheet has been prepared to ensure that inappropriate fill material is not introduced onto sensitive land use properties under the oversight of the DTSC or applicable regulatory authorities. Sensitive land use properties include those that contain facilities such as hospitals, homes, day care centers, and schools. This document only focuses on human health concerns and ecological issues are not addressed. It identifies those types of land use activities that may be appropriate when determining whether a site may be used as a fill material source area. It also provides guidelines for the appropriate types of analyses that should be performed relative to the former land use, and for the number of samples that should be collected and analyzed based on the estimated volume of fill material that will need to be used. The information provided in this fact sheet is not regulatory in nature, rather is to be used as a guide, and in most situations the final decision as to the acceptability of fill material for a sensitive land use property is made on a case-by-case basis by the appropriate regulatory agency.

Introduction

The use of imported fill material has recently come under scrutiny because of the instances where contaminated soil has been brought onto an otherwise clean site. However, there are currently no established standards in the statutes or regulations that address environmental requirements for imported fill material. Therefore, the California Environmental Protection Agency, Department of Toxic Substances Control (DTSC) has prepared this fact sheet to identify procedures that can be used to minimize the possibility of introducing contaminated soil onto a site that requires imported fill material. Such sites include those that are undergoing site remediation, corrective action, and closure activities overseen by DTSC or the appropriate regulatory agency. These procedures may also apply to construction projects that will result in sensitive land uses. The intent of this fact sheet is to protect people who live on or otherwise use a sensitive land use property. By using this fact sheet as a guide, the reader will minimize the chance of introducing fill material that may result in potential risk to human health or the environment at some future time.

The energy challenge facing California is real. Every Californian needs to take immediate action to reduce energy consumption. For a list of simple ways you can reduce demand and cut your energy costs, see our website at www.dtsc.ca.gov.

Overview

Both natural and manmade fill materials are used for a variety of purposes. Fill material properties are commonly controlled to meet the necessary site specific engineering specifications. Because most sites requiring fill material are located in or near urban areas, the fill materials are often obtained from construction projects that generate an excess of soil, and from demolition debris (asphalt, broken concrete, etc.). However, materials from those types of sites may or may not be appropriate, depending on the proposed use of the fill, and the quality of the assessment and/or mitigation measures, if necessary. Therefore, unless material from construction projects can be demonstrated to be free of contamination and/or appropriate for the proposed use, the use of that material as fill should be avoided.

Selecting Fill Material

In general, the fill source area should be located in nonindustrial areas, and not from sites undergoing an environmental cleanup. Nonindustrial sites include those that were previously undeveloped, or used solely for residential or agricultural purposes. If the source is from an agricultural area, care should be taken to insure that the fill does not include former agricultural waste process byproducts such as manure or other decomposed organic material. Undesirable sources of fill material include industrial and/or commercial sites where hazardous ma-

Potential Contaminants Based on the Fill Source Area

Fill Source:	Target Compounds
Land near to an existing freeway	Lead (EPA methods 6010B or 7471A), PAHs (EPA method 8310)
Land near a mining area or rock quarry	Heavy Metals (EPA methods 6010B and 7471A), asbestos (polarized light microscopy), pH
Agricultural land	Pesticides (Organochlorine Pesticides: EPA method 8081A or 8080A; Organophosphorus Pesticides: EPA method 8141A; Chlorinated Herbicides: EPA method 8151A), heavy metals (EPA methods 6010B and 7471A)
Residential/acceptable commercial land	VOCs (EPA method 8021 or 8260B, as appropriate and combined with collection by EPA Method 5035), semi-VOCs (EPA method 8270C), TPH (modified EPA method 8015), PCBs (EPA method 8082 or 8080A), heavy metals including lead (EPA methods 6010B and 7471A), asbestos (OSHA Method ID-191)

**The recommended analyses should be performed in accordance with USEPA SW-846 methods (1996). Other possible analyses include Hexavalent Chromium: EPA method 7199*

Recommended Fill Material Sampling Schedule

Area of Individual Borrow Area	Sampling Requirements
2 acres or less	Minimum of 4 samples
2 to 4 acres	Minimum of 1 sample every 1/2 acre
4 to 10 acres	Minimum of 8 samples
Greater than 10 acres	Minimum of 8 locations with 4 subsamples per location
Volume of Borrow Area Stockpile	**Samples per Volume**
Up to 1,000 cubic yards	1 sample per 250 cubic yards
1,000 to 5,000 cubic yards	4 samples for first 1000 cubic yards +1 sample per each additional 500 cubic yards
Greater than 5,000 cubic yards	12 samples for first 5,000 cubic yards + 1 sample per each additional 1,000 cubic yards

terials were used, handled or stored as part of the business operations, or unpaved parking areas where petroleum hydrocarbons could have been spilled or leaked into the soil. Undesirable commercial sites include former gasoline service stations, retail strip malls that contained dry cleaners or photographic processing facilities, paint stores, auto repair and/or painting facilities. Undesirable industrial facilities include metal processing shops, manufacturing facilities, aerospace facilities, oil refineries, waste treatment plants, etc. Alternatives to using fill from construction sites include the use of fill material obtained from a commercial supplier of fill material or from soil pits in rural or suburban areas. However, care should be taken to ensure that those materials are also uncontaminated.

Documentation and Analysis

In order to minimize the potential of introducing contaminated fill material onto a site, it is necessary to verify through documentation that the fill source is appropriate and/or to have the fill material analyzed for potential contaminants based on the location and history of the source area. Fill documentation should include detailed information on the previous use of the land from where the fill is taken, whether an environmental site assessment was performed and its findings, and the results of any testing performed. It is recommended that any such documentation should be signed by an appropriately licensed (CA-registered) individual. If such documentation is not available or is inadequate, samples of the fill material should be chemically analyzed. Analysis of the fill material should be based on the source of the fill and knowledge of the prior land use.

Detectable amounts of compounds of concern within the fill material should be evaluated for risk in accordance with the DTSC Preliminary Endangerment Assessment (PEA) Guidance Manual. If

metal analyses are performed, only those metals (CAM 17 / Title 22) to which risk levels have been assigned need to be evaluated. At present, the DTSC is working to establish California Screening Levels (CSL) to determine whether some compounds of concern pose a risk. Until such time as these CSL values are established, DTSC recommends that the DTSC PEA Guidance Manual or an equivalent process be referenced. This guidance may include the Regional Water Quality Control Board's (RWQCB) guidelines for reuse of non-hazardous petroleum hydrocarbon contaminated soil as applied to Total Petroleum Hydrocarbons (TPH) only. The RWQCB guidelines should not be used for volatile organic compounds (VOCs) or semi-volatile organic compounds (SVOCS). In addition, a standard laboratory data package, including a summary of the QA/QC (Quality Assurance/Quality Control) sample results should also accompany all analytical reports.

When possible, representative samples should be collected at the borrow area while the potential fill material is still in place, and analyzed prior to removal from the borrow area. In addition to performing the appropriate analyses of the fill material, an appropriate number of samples should also be determined based on the approximate volume or area of soil to be used as fill material. The table above can be used as a guide to determine the number of samples needed to adequately characterize the fill material when sampled at the borrow site.

Alternative Sampling

A Phase I or PEA may be conducted prior to sampling to determine whether the borrow area may have been impacted by previous activities on the property. After the property has been evaluated, any sampling that may be required can be determined during a meeting with DTSC or appropriate regulatory agency. However, if it is not possible to analyze the fill material at the borrow area or determine that it is appropriate for use via a Phase I or PEA, it is recommended that one (1) sample per truckload be collected and analyzed for all compounds of concern to ensure that the imported soil is uncontaminated and acceptable. (See chart on Potential Contaminants Based on the Fill Source Area for appropriate analyses). This sampling frequency may be modified upon consultation with the DTSC or appropriate regulatory agency if all of the fill material is derived from a common borrow area. However, fill material that is not characterized at the borrow area will need to be stockpiled either on or off-site until the analyses have been completed. In addition, should contaminants exceeding acceptance criteria be identified in the stockpiled fill material, that material will be deemed unacceptable and new fill material will need to be obtained, sampled and analyzed. Therefore, the DTSC recommends that all sampling and analyses should be completed prior to delivery to the site to ensure the soil is free of contamination, and to eliminate unnecessary transportation charges for unacceptable fill material.

Composite sampling for fill material characterization may or may not be appropriate, depending on quality and homogeneity of source/borrow area, and compounds of concern. Compositing samples for volatile and semivolatile constituents is not acceptable. Composite sampling for heavy metals, pesticides, herbicides or PAH's from unanalyzed stockpiled soil is also unacceptable, unless it is stockpiled at the borrow area and originates from the same source area. In addition, if samples are composited, they should be from the same soil layer, and not from different soil layers.

When very large volumes of fill material are anticipated, or when larger areas are being considered as borrow areas, the DTSC recommends that a Phase I or PEA be conducted on the area to ensure that the borrow area has not been impacted by previous activities on the property. After the property has been evaluated, any sampling that may be required can be determined during a meeting with the DTSC.

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