SOIL MANAGEMENT PLAN

1550 WEST STOWELL ROAD, APN 117-820-015, SANTA MARIA, SANTA BARBARA COUNTY, CALIFORNIA

Prepared for:
CHEVRON ENVIRONMENTAL MANAGEMENT COMPANY

December 2018

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1.0 INTRODUCTION

EnviroManagement, Inc. (EMI) prepared this Soil Management Plan (SMP) at the request of Chevron Environmental Management Company (CEMC) for 1550 West Stowell Road Santa Maria, Santa Barbara County, California (the Property). The location of the Property is presented on Plate 1 - Site Location Map. CEMC manages environmental matters regarding the Property on behalf of its affiliate Union Oil Company of California (Union Oil). This Property contains petroleum hydrocarbon-affected soil (Affected Soil) potentially associated with historical refinery operations. This SMP provides information about CEMC's environmental assessment of the Property and outlines the role of the Property owner to address Affected Soils if encountered during future activities. A contact sheet is provided as Appendix A. Additionally, the Property owner should review the "Covenant and Environmental Restrictions on Property Use" document to determine if there are any additional requirements related to the discovery and/or removal of Affected Soil at the Property

1.1 OVERVIEW

The Property contains Affected Soil associated with former historical refinery operations. Between 2014 and 2018 the Property was remediated under the oversight of the Santa Barbara County Public Health Department, Environmental Health Services, Site Mitigation Unit (EHS). Residual Affected Soils exist at the Property, which are illustrated on the maps provided in Appendix B. This SMP provides information about CEMC's environmental assessment and remediation of the Property and outlines the process for the Property owner to address any remaining Affected Soil encountered during future on-Property construction activities.

This SMP was prepared as a prerequisite to EHS issuing a "no further action" letter (NFA) for the Property.

1.2 SMP ORGANIZATION

This SMP is organized into the following sections: Section 2.0 presents background information for the Property, including a discussion of location, geology, hydrogeology, and a description of historical assessment and remediation activities performed at the Property; Section 3.0 provides the methodology for management of Affected Soil at the Property; and Section 4.0 provides the documents referenced within this SMP. This SMP includes four appendices: Appendix A provides a contact list; Appendix B contains residual Affected Soil maps; Appendix C provides historical assessment data; and Appendix D contains historical remediation data.

2.0 BACKGROUND

2.1 PROPERTY DESCRIPTION

The Property currently encompasses an approximately 19-acre parcel referred to as 1550 West Stowell Road. The Property is located in the western-most portion of the City of Santa Maria, in Santa Barbara County, California (refer to Plate 1). The parcel at 1550 West Stowell Road has been assigned Assessor's Parcel Number (APN) 117-820-015 by the Santa Barbara County Assessor's Office.

2.2 GEOLOGY

2.2.1 Regional

The Property is located within the Santa Maria Valley. The Santa Maria Valley is bounded by the foothills of the San Rafael Mountains to the northeast, the Casmalia Hills to the south (near the coast), and the Solomon Hills to the southeast. These highlands range from 1,300 feet to 4,000 feet AMSL.

The Property is underlain by alluvium of Holocene age, which is comprised of interbedded sand, silt, clay and gravel deposits (Worts, 1951 and Dibblee, 1994). Based on a review of a water supply well log (10/34-21G1), the Holocene alluvium beneath the Property contains an upper and lower member (Worts, 1951). The upper member extends to an approximate depth between 80 feet to 90 feet. The lower member extends to a depth of approximately 160 feet. The Holocene alluvium rests unconformably on the Plio-Pleistocene-aged Paso Robles Formation, which extends to an approximate depth of 900 feet. The Orcutt Formation was not identified beneath the Property. The Paso Robles Formation is underlain by marine Tertiary-aged bedrock formations, including the Careaga Sand, Foxen Claystone, Sisquoc, and Monterey Shale. The Foxen Claystone, Sisquoc, and Monterey Shale formations all yield oil.

2.2.2 Property-Specific

During previous phases of subsurface assessment activities, unconsolidated alluvium dominated by poorly graded to well graded sand containing gravel, silty sand, silt and clay were encountered from the surface to at least a depth of approximately 140 feet at the Property. These alluvial deposits appear to be consistent with the published descriptions of the upper member of the Holocene age alluvium.

2.3 HYDROGEOLOGY

2.3.1 Regional

The Property is located within the Santa Maria Valley Groundwater Basin (Basin) (Department of Water Resources [DWR], 2003). Groundwater within the Basin occurs in alluvium, dune sands, and the Orcutt Formation, Paso Robles Formation, Pismo Formation, and Careaga Sand (DWR, 2003). Groundwater conditions are unconfined within most of the Basin, except in the coastal portion where groundwater conditions are confined (DWR, 2003). A groundwater elevation contour map for the Basin of the uppermost regional aquifer prepared in 2004 indicates groundwater at an elevation of approximately 97 feet in the area of the Property, with a groundwater flow direction toward the west (Santa Barbara County, 2006). Discontinuous zones of perched groundwater exist within the Basin.

2.3.2 Property-Specific

All on-site groundwater monitoring wells have been destroyed. Historical data identified three groundwater bearing zones at the Property, which include the following: shallow perched groundwater zone (SP); deep perched groundwater zone(s) (DP); and uppermost regional aquifer (RA). Padre interprets the perched groundwater zones at the Property to be laterally discontinuous. Depth to water below the top of well casings within the SP, DP, and RA in March 2016 (last groundwater monitoring event) were “dry”, approximately 90 feet, and approximately

145 feet, respectively. The flow direction within the RA is generally toward the west at a gradient of approximately 0.002 feet/foot. In late 2016 all existing groundwater monitoring wells at the site were removed/abandoned per SBCEHS requirements.

2.4 HISTORICAL ASSESSMENT AND REMEDIATION ACTIVITIES

Historical soil assessment and soil remediation data are included in Appendix C and D, respectively.

2.4.1 Historical Soil Assessment Activities

In 2002 SECOR prepared a Phase I and limited Phase II Environmental Site Assessment (ESA) on behalf of private parties (SECOR 2002a, 2002b). The Phase I ESA included site reconnaissance, asbestos and lead based paint surveys, historical review, regulatory research, and a summary of Recognized Environmental Conditions (RECs). The Limited Phase II ESA involved the excavation of 10 test trenches to approximate depths of 4 to 14 feet, soil sample collection, and laboratory analyses. Total petroleum hydrocarbons (TPH) concentrations in soil ranged from 170 milligrams per kilogram (mg/kg) to 130,000 mg/kg. The maximum TPH concentration was detected in a test trench located within the former Sump B location.

Rincon Consultants, Inc. (Rincon) performed additional assessment activities at the Property between September 2003 and November 2003 at the 1550 West Stowell Road property (Rincon 2004a). The assessment activities included the advancement of 32 direct-push drill holes to approximate depths ranging from 20 to 85 feet, three shallow hand auger drill holes, and seven hollow-stem auger drill holes to 100 feet. Soil samples collected at various depths from the drill holes were chemically analyzed for the presence of TPH and benzene, toluene, ethylbenzene, and total xylenes (BTEX). Selected soil samples were additionally chemically analyzed for the presence of volatile organic compounds (VOCs), semi-volatile organic compounds (SVOCs), and California-Regulated Metals.

In April 2004 Rincon constructed groundwater monitoring wells MW-1 through MW-5 to assess groundwater quality beneath the Property (Rincon, 2004b). Drill holes were advanced to total depths ranging from approximately 92 to 102 feet, and groundwater was encountered at depths between approximately 81 and 95 feet. Detectable TPH concentrations were indicated in soil samples collected at the locations of drill holes MW-2, MW-3, and MW-4. TPH concentrations were not indicated in soil samples collected at the locations of drill holes MW-1 and MW-5. Indicated TPH concentrations in soil samples ranged from 1,070 mg/kg to 26,470 mg/kg.

In October 2004 Rincon constructed groundwater monitoring wells MW-6A, MW-6B, and MW-7 through MW-10 (Rincon, 2004c). Groundwater was encountered at two different depths located at approximately 35 feet and 100 feet. Five of the drill holes were advanced to depths of approximately 105 feet. One drill hole (MW-6B) was advanced to a depth of approximately 45 feet to assess the shallow perched groundwater zone. TPH was indicated in soil samples collected at the locations of MW-7, MW-8, and MW-9 with a maximum TPH concentration of 16,253 mg/kg detected in a soil sample collected from MW-9 at a depth of approximately 10 feet.

In July 2004 Rincon performed supplemental soil assessment activities at the Property to evaluate the lateral and vertical extent of Sumps A, B, and C. Assessment activities included the

advancement of 51 direct-push drill holes. Soil samples collected from 13 of the drill holes were submitted for chemical analyses (Rincon, 2004d).

In January 2008 URS Corporation (URS) completed test trenching assessment activities to delineate and verify the extent of impacted soil within what was referred to as Quadrant C. Based on field observations, petroleum hydrocarbon-impacted soils were present at depths ranging from approximately 0 to 20 feet (URS, 2008). In November and December 2008 URS performed supplemental soil assessment activities at Quadrants A and B. Assessment activities included the advancement of 141 test trenches and 154 direct-push drill holes. Laboratory analytical results indicated the presence of petroleum hydrocarbon-impacted soil throughout the areas assessed. Maximum TPH concentrations in soil samples of 43,825 mg/kg and 111,000 mg/kg were detected within Quadrants A and B, respectively. Waste characterization results indicated the impacted material was classified as non-hazardous (URS, 2009).

Between July 2011 and April 2012 Stantec performed supplemental site assessment activities at both the 1480 and 1550 West Stowell Road properties. At the 1550 West Stowell Road property, a total of 21 direct-push drill holes, 25 hollow-stem auger drill holes, 14 test trenches, and one groundwater monitoring well (MW-11) were completed (Stantec, 2012). Of the features sampled during the subject assessment, five main areas were identified to contain petroleum hydrocarbons at concentrations in excess of the EHS Investigation Level (IL) for TPH, extending beyond depths of approximately 20 feet. These areas were identified as the central processing area, the northeastern tank battery, the southeastern tank battery, the southern tank battery, and the western property boundary. Shallower, less extensive impacts to soil were also identified and included the southwestern loading dock and processing area located near the former railroad tracks, and a small western tank battery in the vicinity of monitoring well MW-10.

Stantec conducted supplemental site assessment activities in January and June 2013 to support the development of the HHRA. It should be noted that Stantec's historically identified AOCs discussed in this section do not correlate spatially to the AOCs excavated as part of the supplemental remediation activities and presented within this SSCR. A total of 48 hand auger drill holes were advanced to depths of approximately 5 feet. To additionally characterize impacted soils located at AOC Nos. 3 and 6, soil samples were collected from soil gas drill holes SG-1 at a depth of 6 feet, and SG-6 at depths of 10 feet and 15 feet. All soil samples were chemically analyzed for the presence of TPH, VOCs, polycyclic aromatic hydrocarbons (PAHs), polychlorinated biphenyls (PCBs), pesticides, Title 22 metals, and dioxins. Additionally, 11 soil gas probes (SG-1 through SG-11) were constructed in previously identified impacted areas at depths of 5 feet, and either 10 feet or 15 feet. Based on findings from the initial soil gas sampling event, seven additional soil gas probes (SG-17 through SG-23) were constructed at AOC 3 in June 2013. During installation of the probes, additional soil samples were collected to further characterize petroleum hydrocarbon impacted material in the former sump areas.

In 2013 and 2014 Padre constructed an additional nine groundwater monitoring wells (MW-12 through MW-19, and 1480-MW-1), completed within the RA (Padre, 2013, 2015(a) and 2015 (b)). In 2016 all groundwater monitoring wells were destroyed (Padre, 2017).

In 2017 Padre completed soil assessment activities at the location of historical drill hole QA-SB37 to re-evaluate the presence of TPH-gasoline (C_4-C_{12} carbon range) at a concentration

above the California Regional Water Quality Control Board, San Francisco Bay Region Environmental Screening Level (RWQCB ESL)/clean-up goal for TPH-gasoline of 100 mg/kg, at an approximate depth of 20 feet. No visible soil contamination, hydrocarbon odor, or elevated PID readings were observed during drilling/soil sampling activities at any of the five drill holes advanced. Additionally, soil samples collected at depths of 15, 20, and 25 feet from boring QA-SB37A were not indicated with detectable TPH concentrations. Based on the results of the subject soil assessment, Padre recommended no further action at the location of URS drill hole QA-SB37. EHS concurred with Padre's recommendation in an email dated December 19, 2017.

2.4.2 Historical Soil Remediation Activities

Between May 2014 and October 2014 Stantec provided oversight of soil remediation activities at 1550 West Stowell Road, which included excavation, backfilling, and grading activities (Stantec, 2015). A total of approximately 52,500 cubic yards (76,500 tons) of TPH-containing soil was removed from the Property. The soil remediation activities were conducted in accordance with the RAP prepared by Stantec dated November 6, 2013, which was conditionally-approved by EHS in a letter dated February 21, 2014. The goal for the soil remediation program was to remove petroleum hydrocarbons in shallow soil to concentrations conducive to future commercial and/or industrial land use, and to mitigate the human health risk associated with TPH-containing soil as identified in the HHRA report prepared by McDaniel Lambert, dated September 24, 2013.

In November 2014 and 2016 Stantec performed a post-soil remediation soil gas assessment to evaluate the potential vapor intrusion health risk. For all AOCs and post-remediation sampling events, estimated future indoor air cancer risks and noncancer hazards were determined to be well below the low end of the United States Environmental Protection Agency (U.S. EPA) risk management range of $1x10^{-6}$, and target level of 1.0, respectively (Intrinsik, 2016).

Based upon the soil remediation activities performed, and the evaluation of post-restoration vapor intrusion risk, Stantec requested "No Further Action" status from EHS for the 1550 West Stowell Road property. Stantec provided residual TPH mass estimates for the Property including tables and figures to EHS in a transmittal dated March 4, 2016, which documented that approximately 1,222 tons of petroleum hydrocarbons were left in-place at the Property. In a memorandum dated October 20, 2016, EHS concluded that the RAP was not implemented as approved by EHS, and that additional soil remediation activities were required at the Property.

CEMC and Evergreen agreed to perform additional soil remediation activities at the Property to ultimately achieve a "No Further Action" designation status for the 1550 West Stowell Road property. Between November 2017 and March 2018 additional soil remediation activities were completed at the Property by Padre and CEMC's remedial construction contractor. A total of approximately 29,500 cubic yards (approximately 39,900 tons) of TPH-containing soil was removed from the Property (Padre, 2018c). Padre recommended no additional site assessment or soil remediation activities at the Property, and respectfully requested that EHS designate "No Further Action" status for the Property.

At the direction of EHS, Intrinsik (2018) prepared a memorandum summarizing remedial activities and subsequent health risk evaluations completed for Property since the baseline HHRA

was completed in 2013 (McDaniel Lambert). The memorandum also included a re-evaluation of historic soil gas data from the northeastern portion of AOC 2 to address EHS concerns regarding potential vapor intrusion risks following additional remediation in this area. The re-evaluation by Intrinsik concluded that, for all seven boring/depth/sampling event scenarios evaluated, estimated future commercial employee indoor air cancer risks and noncancer hazards are well below the low end of the USEPA risk management range of $1x10^{-6}$ and the Cal/EPA and USEPA level of concern of 1.0. Intrinsik also concluded that post-excavation soil gas sampling is not warranted, and no additional data gaps were identified.

Based on the evaluation, the site was properly remediated and site closure for the soil and groundwater was conditionally granted by EHS .

3.0 METHODOLOGY

This section outlines the process for identifying and managing Affected Soil at the Property located in the areas depicted on maps provided in Appendix B. The owner plans to have an environmental representative at the Property during the course of any construction activities that will potentially encounter Affected Soil.

3.1 NOTIFICATION

If Affected Soils are anticipated to be disturbed in any of the areas on maps provided in Appendix B the Property owner shall notify EHS and EMC by certified mail return receipt requested prior to initiating excavation activities and immediately if Affected soils are encountered in areas not depicted on maps provided in Appendix B. EHS may be reached at (805) 346-8460.

3.2 HEALTH AND SAFETY PLAN / PERSONAL PROTECTION EQUIPMENT

The construction contractor shall prepare a site-specific health and safety plan (HASP) for the planned field activities. The HASP shall meet or exceed the requirements set by OHSA's Occupational Health and Safety Standards CFR 29, subpart 1910.120(b)(4). The planned personal protective equipment (PPE) for worker protection should be included within the HASP.

3.3 PERMITS

The construction contractor shall obtain the necessary permits associated with the excavation and management of any Affected Soil.

3.4 IDENTIFICATION OF AFFECTED SOIL

Generally, the Affected Soils may have a hydrocarbon odor and the soil may appear dark in color (brown, green, gray, and/or black) and will likely be encountered at the locations depicted on maps provided in Appendix B.

3.5 EQUIPMENT DECONTAMINATION

All equipment that comes in contact with Affected Soils shall be appropriately decontaminated by the construction contractor prior to leaving the Property.

3.6 MATERIAL SAMPLING, LABORATORY ANALYSES, AND PROFILING

After receiving notification that potentially Affected Soils are anticipated to be encountered or has been observed during the course of Property construction activities, the Property owner's representative will arrange to visit the Property and collect soil samples. The owner's representative will collect a representative sample(s) for chemical analyses using laboratory-provided sampling supplies. The sample(s) will be sealed, labeled, and preserved on ice in the field. Chain-of-custody forms will be used to document sample management procedures. Samples will be submitted for analysis for Total Petroleum Hydrocarbons using EPA Method 8015M to a laboratory that is certified by the State of California Public Health Department to perform the required analyses. The samples will be submitted for analyses that will allow for the appropriate profiling of the material for off-site disposal at an appropriate disposal facility.

3.7 REPORTING

The Property owner's representative will prepare a report documenting and summarizing the soil management activities. Copies of the reports will be submitted to EHS and the Property owner(s). The report will be signed and certified by a Professional Geologist or Professional Engineer registered in the State of California. At a minimum the report will include the following:

- Copies of the laboratory analytical reports for samples; and
- Copies or summary tables for waste manifests for soils and materials disposed at off-site facilities, if required.

4.0 REFERENCES

California Regional Water Quality Control Board, San Francisco Bay Region (RWQCB), 2016, Environmental Screening Levels, dated February 2016 (Revision 3).

Department of Water Resources (DWR), 2003, California's Groundwater, Bulletin 118 - Update 2003, dated 2003.

Dibblee, Thomas W, 1994, Geologic Map of the Santa Maria and Twitchell Dam Quadrangles, Santa Barbara County, California, dated 1994.

DTSC, 2001, Information Advisory, Clean Imported Fill Material, dated October 2001.

Intrinsik, 2016, Updated Post-Remediation Vapor Intrusion Health Risk Evaluation, Former Orcutt Refinery, 1550 West Stowell Road, Santa Maria, California, dated May 16, 2016.

Intrinsik, 2018, Summary of Orcutt post-Baseline HHRA Remedial Activities and Health Risk Evaluations and Reevaluation of Historic Soil Gas Data at AOC 2, Former Orcutt Refinery, 1550 West Stowell Road, Santa Maria, California, dated August 9, 2018.

McDaniel Lambert, Inc. 2013, Human Health Risk Assessment, Former Orcutt Refinery, 1550 West Stowell Road, Santa Maria, California, dated September 24, 2013.

McDaniel Lambert, Inc. 2015, Post-Remediation Vapor Intrusion Health Risk Evaluation, Former Orcutt Refinery, 1550 West Stowell Road, Santa Maria, California, dated March 25, 2015.

Padre Associates, Inc., 2013, Construction of Groundwater Monitoring Wells MW-12 through MW-18, Former Orcutt Refinery, 1550 West Stowell Road, Santa Maria, Santa Barbara County, California (SMU-2 No. 20167), dated August 2013.

Padre Associates, Inc., 2017a, Groundwater Monitoring Well Destruction Activities, Former Orcutt Refinery, 1480 and 1550 West Stowell Road, Santa Maria, Santa Barbara County, California (SMU-2 #20167), dated February 7, 2017.

Padre Associates, Inc., 2017b, Supplemental Remedial Action Plan, Former Orcutt Refinery, 1550 West Stowell Road, Santa Maria, Santa Barbara County, California (SMU-2 No. 20167), dated September 1, 2017.

Padre Associates, Inc., 2017c, Limited Asbestos Survey: AOC 4 Excavation, Former Orcutt Refinery, 1550 West Stowell Road, Santa Maria, Santa Barbara County, California, dated December 8, 2017.

Padre Associates, Inc., 2018a, Naturally Occurring Radioactive Material Survey Report, Excavated Pipeline Segments, Former Orcutt Refinery, 1550 West Stowell Road, Santa Maria, Santa Barbara County, California.

Padre Associates, Inc., 2018b, Report of Findings, Asbestos Abatement Oversight Activities, Former Orcutt Refinery, 1550 West Stowell Road, Santa Maria, Santa Barbara County, California, dated March 27, 2018.

Padre Associates, Inc., 2018c, Supplemental Site Closure Report, Former Orcutt Refinery, 1550 West Stowell Road, Santa Maria, Santa Barbara County, California (SMU-2 No. 20167), dated May 2, 2018.

Rincon Consultants, Inc. 2004a, Soil and Groundwater Assessment, 1550 West Stowell Road Former Orcutt Refinery Property, Santa Maria, California, dated March 17, 2004.

Rincon Consultants, Inc. 2004b, Groundwater Monitoring Well Installation and Assessment, 1550 West Stowell Road, Former Orcutt Refinery Property, Santa Maria, California, dated April 29, 2004.

Rincon Consultants, Inc. 2004c, Groundwater Monitoring Well Installation and Assessment, 1550 West Stowell Road, Former Orcutt Refinery Property, Santa Maria, California, dated October 1, 2004.

Rincon Consultants, Inc. 2004d, Asphalt and Slop Pit Assessment and Site Restoration Plan, 1550 West Stowell Road, Former Orcutt Refinery Property, Santa Maria, California, dated November 2, 2004.

SECOR International, Inc. 2002a, Results of Limited Phase II Environmental Site Assessment, 1550 West Stowell Road, Santa Maria, California 93458, dated September 13, 2002.

SECOR International, Inc. 2002b, Phase I Environmental Site Assessment Report, 1550 West Stowell Road, Santa Maria, California 93458, dated October 9, 2002.

Stantec, 2012, Results of Site Assessment Report for Soil, Former Orcutt Refinery, 1550 West Stowell Road, Santa Maria, California, dated December 21, 2012.

Stantec, 2013, Remedial Action Plan, Former Orcutt Refinery, 1550 West Stowell Road, Santa Maria, Santa Barbara County, California, dated November 6, 2013.

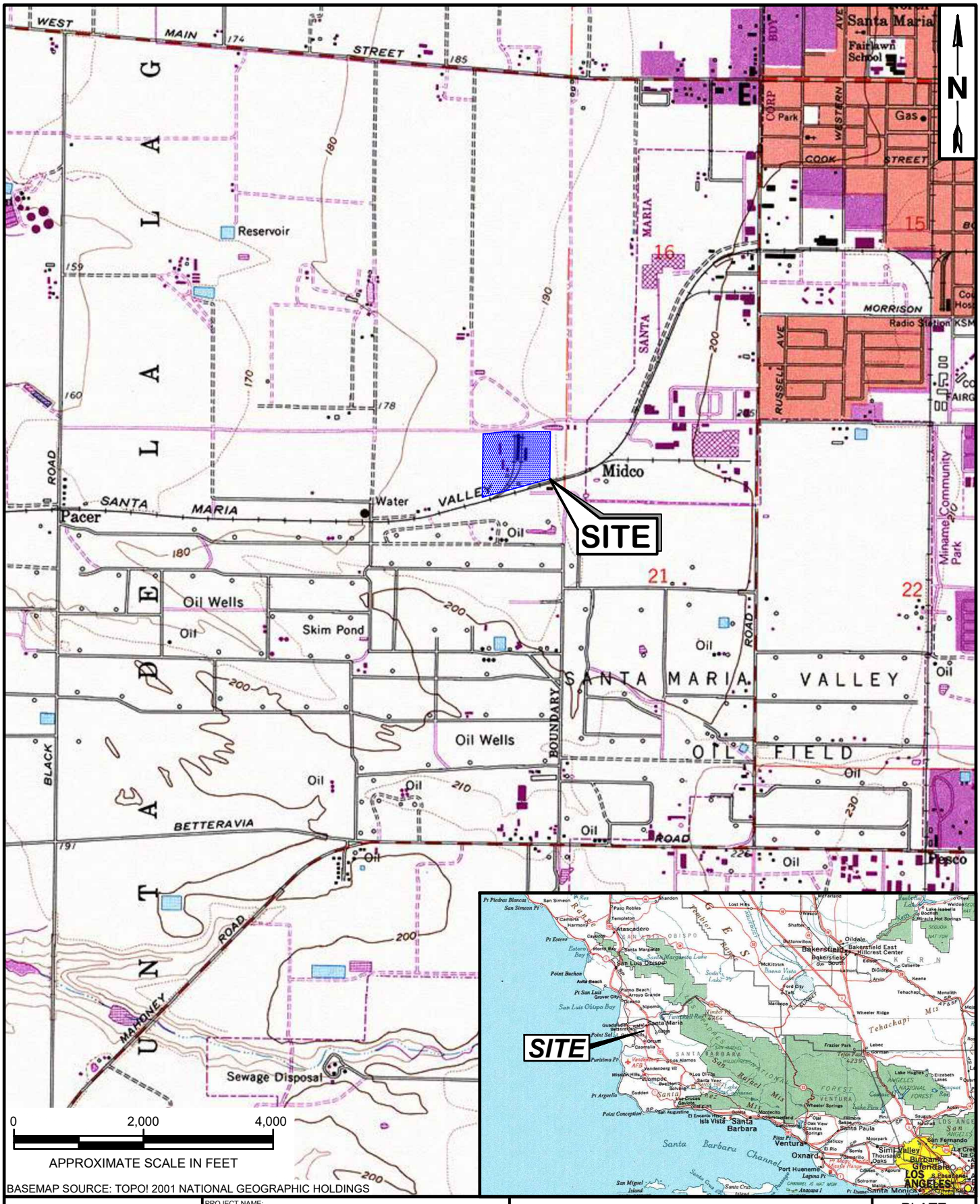
Stantec, 2015, Site Restoration Report and Request for Site Closure for Soil, 1550 West Stowell Road, Santa Maria, California, SMU Site #20167, dated March 27, 2015.

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URS Corporation 2009, Supplemental Site Assessment Report Quadrants A and B, Former Orcutt Refinery, 1550 West Stowell Road, Santa Maria, California, dated April 7, 2009.

Worts, G. F. Jr. 1951, Geology and Ground-Water Resources of the Santa Maria Valley Area, California, U. S. Geological Survey Water-Supply Paper 1000.

PLATE



BASEMAP SOURCE: TOPO! 2001 NATIONAL GEOGRAPHIC HOLDINGS

Z:\Current Projects\0000-0000 CAD MASTER DRAWINGS\Former Orcutt Refining\DRAWING\SITE LOCATION MAP.dwg, 4/17/2018 12:30:43 PM

padre associates, inc.
ENGINEERS, GEOLOGISTS & ENVIRONMENTAL SCIENTISTS

PROJECT NAME: Former Orcutt Refinery
1550 West Stowell Road
Santa Maria,
Santa Barbara County, California

PROJECT NUMBER: 1601-3795

DATE: April 2018

SITE LOCATION MAP

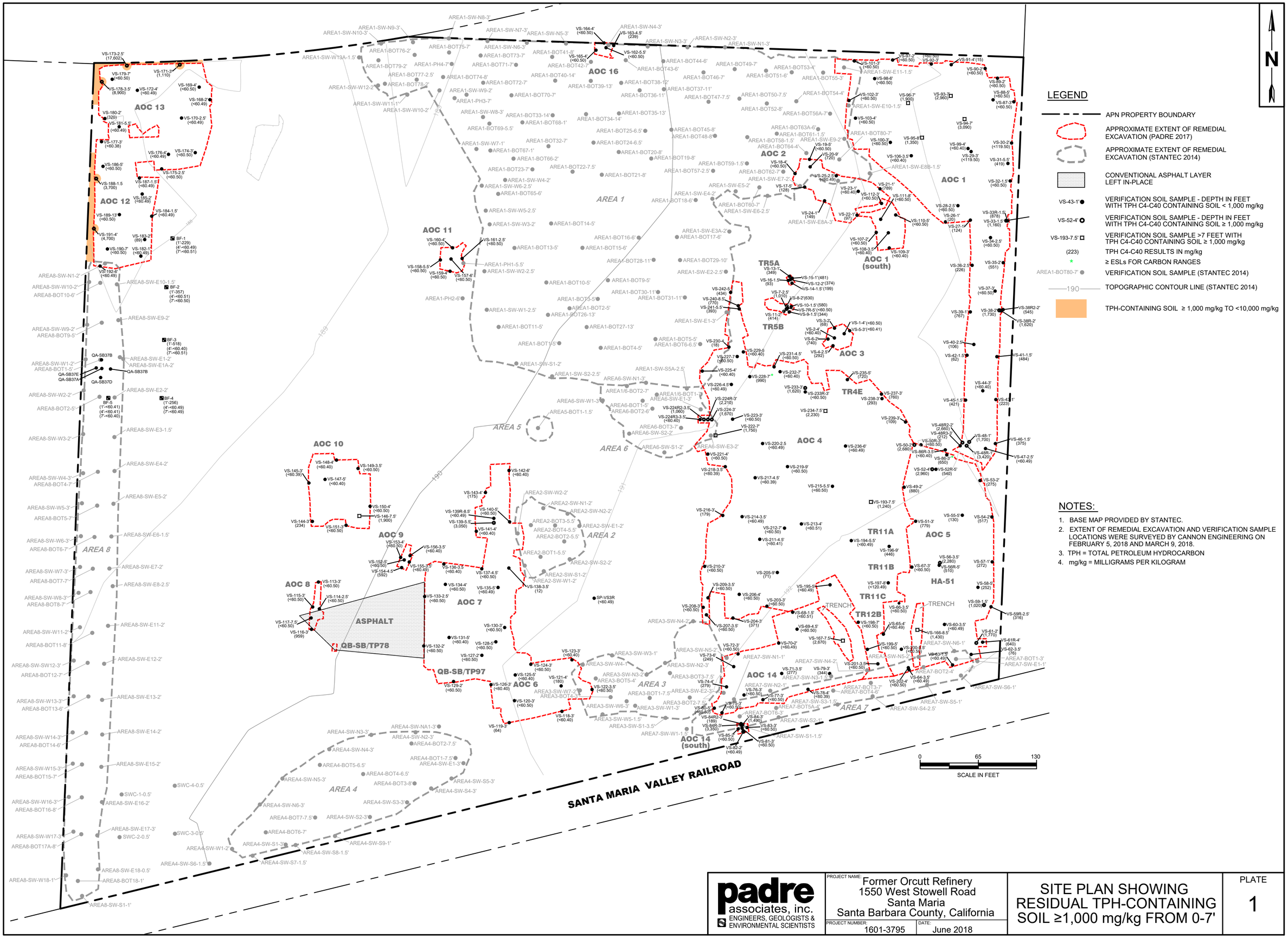
PLATE 1

APPENDIX A
CONTACT LIST

Regulatory Oversight
EHS
Attn.: Lead Case Worker
2125 South Centerpointe Parkway, Room 333
Santa Maria, California 93455
(805) 346-8460

APCD
Attn: Lead Case Worker
301 E Cook St, Suite L
Santa Maria, CA 93454
(805) 961-8800

APPENDIX B
RESIDUAL AFFECTED SOIL MAPS



NOTES:

1. BASE MAP PROVIDED BY STANTEC.
2. EXTENT OF REMEDIAL EXCAVATION AND VERIFICATION SAMPLE LOCATIONS WERE SURVEYED BY CANNON ENGINEERING ON FEBRUARY 5, 2018 AND MARCH 9, 2018.
3. TPH = TOTAL PETROLEUM HYDROCARBON
4. mg/kg = MILLIGRAMS PER KILOGRAM

padre associates, inc.
ENGINEERS, GEOLOGISTS & ENVIRONMENTAL SCIENTISTS

PROJECT NAME: Former Orcutt Refinery
1550 West Stowell Road
Santa Maria
Santa Barbara County, California

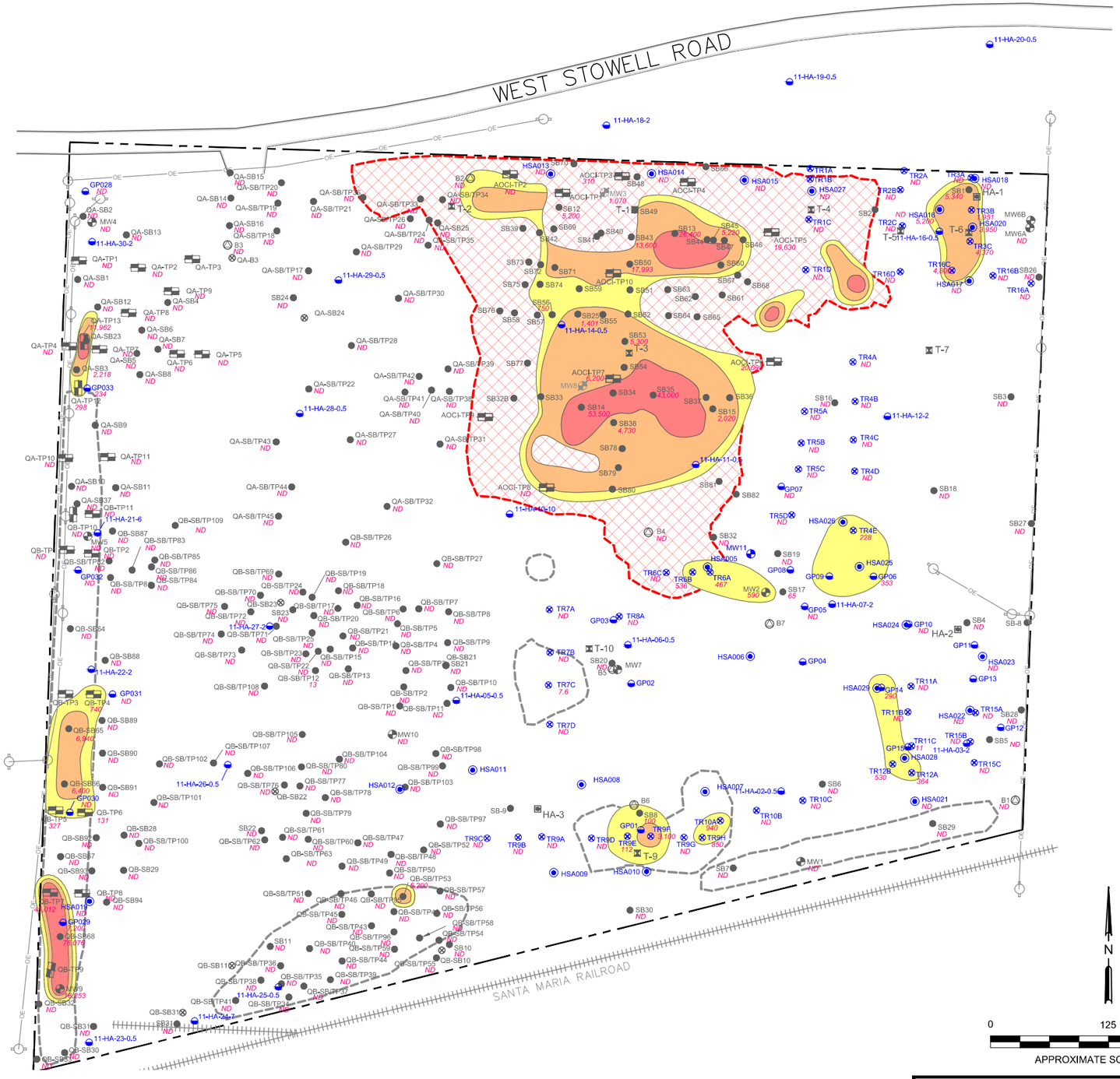
PROJECT NUMBER: 1601-3795

DATE: June 2018

SITE PLAN SHOWING RESIDUAL TPH-CONTAINING SOIL ≥1,000 mg/kg FROM 0-7'

PLATE 1

Z:\Current Projects\0000-0000 CAD MASTER DRAWINGS\Former Orcutt Refining\DRAWINGS\AS-BUILTS\ORCUTT REFINERY AS-BUILTS.dwg, 7/22/2018 5:13:44 PM



TPH Concentration Range
100-1,000 mg/kg

Depth Interval (ft)	Thickness (ft)	Area (sf)	Ave. TPH Conc. (mg/kg)	Volume (cf)	Soil concentration (lb/lb)	Soil Density (lb/cf)	Soil Weight (lb)	TPH Weight (lb)	TPH Weight (tons)
8-12	4	634	266	2536	0.000266	120	304320	80.95	0.04
	4	4,013	399	16052	0.000399	120	1926240	768.57	0.38
	4	1,187	500	4748	0.0005	120	569760	284.88	0.14
	4	264	500	1056	0.0005	120	126720	63.36	0.03
	4	2,876	106	11504	0.000106	120	1380480	146.33	0.07
	4	913	895	3652	0.000895	120	438240	392.22	0.20
	4	2,904	395	11616	0.000395	120	1393920	550.60	0.28
	4	3,025	531	12100	0.000531	120	1452000	771.01	0.39
	4	5,301	541	21204	0.000541	120	2544480	1376.56	0.69
	4	1,411	500	5644	0.0005	120	677280	338.64	0.17
	4	14,217	730	56868	0.00073	120	6824160	4981.64	2.49
	4	751	430	3004	0.00043	120	360480	155.01	0.08
	4	933	500	3732	0.0005	120	447840	223.92	0.11
								TOTAL	5.07

TPH Concentration Range
1,000-10,000 mg/kg

Depth Interval (ft)	Thickness (ft)	Area (sf)	Ave. TPH Conc. (mg/kg)	Volume (cf)	Soil concentration (lb/lb)	Soil Density (lb/cf)	Soil Weight (lb)	TPH Weight (lb)	TPH Weight (tons)
8-12	4	505	2218	2020	0.002218	120	242400	537.64	0.27
	4	2,380	6670	9520	0.00667	120	1142400	7619.81	3.81
	4	1,086	7200	4344	0.0072	120	521280	3753.22	1.88
	4	225	5200	900	0.0052	120	108000	561.60	0.28
	4	512	3100	2048	0.0031	120	245760	761.86	0.38
	4	3,751	4269	15004	0.004269	120	1800480	7686.25	3.84
	4	1,699	4410	6796	0.00441	120	815520	3596.44	1.80
	4	7,465	6187	29860	0.006187	120	3583200	22169.26	11.08
	4	23,493	5435	93972	0.005435	120	11276640	61288.54	30.64
	4	379	500	1516	0.0005	120	181920	90.96	0.05
	4	1,136	3400	4544	0.0034	120	545280	1853.95	0.93
								TOTAL	54.96

TPH Concentration Range
>10,000 mg/kg

Depth Interval (ft)	Thickness (ft)	Area (sf)	Ave. TPH Conc. (mg/kg)	Volume (cf)	Soil concentration (lb/lb)	Soil Density (lb/cf)	Soil Weight (lb)	TPH Weight (lb)	TPH Weight (tons)
8-12	4	271	11962	1084	0.011962	120	130080	1556.02	0.78
	4	2,101	45780	8404	0.04578	120	1008480	46168.21	23.08
	4	2,251	26650	9004	0.02665	120	1080480	28794.79	14.40
	4	7,394	37678	29576	0.037678	120	3549120	133723.74	66.86
	4	167	11900	668	0.0119	120	80160	953.90	0.48
	4	274	25490	1096	0.02549	120	131520	3352.44	1.68
								TOTAL	107.27

INTERVAL TOTAL ESTIMATED WEIGHT = 167.30

N

0 125 250

APPROXIMATE SCALE IN FEET

SOIL ANALYTICAL KEY:

ND	NOT DETECTED
##	TPH CONCENTRATION IN MILLIGRAMS PER KILOGRAM (mg/kg)
*	MULTIPLE ANALYTICAL RESULTS WITHIN DEPTH RANGE (DEEPEST RESULT SHOWN)

TPH RANGE

- 100-1,000 mg/kg
- 1,000-10,000 mg/kg
- 10,000-100,000 mg/kg
- >100,000 mg/kg

LEGEND

- TR13A — STANTEC TRENCH SAMPLE LOCATION
- GP26 — STANTEC GEOPROBE LOCATION
- 11-HA09-0.5 — STANTEC HAND AUGER LOCATION
- MW-11 — STANTEC MONITORING WELL
- HSA001 — STANTEC HOLLOW STEM AUGER
- SB14 — SOIL BORING LOCATION (ADVANCED BY PREVIOUS CONSULTANT)
- HA-1 — HAND AUGER LOCATION (ADVANCED BY PREVIOUS CONSULTANT)
- T-8 — TRENCH LOCATION (EXCAVATED BY OTHERS)
- MW-1 — RINCON SOIL BORING/MONITORING WELL
- MW-8 — RINCON HSA SOIL BORING LOCATION
- B5 — SECOR TRENCH LOCATION
- T-4 — APPROXIMATE EXTENT OF REMEDIAL EXCAVATION (2014)

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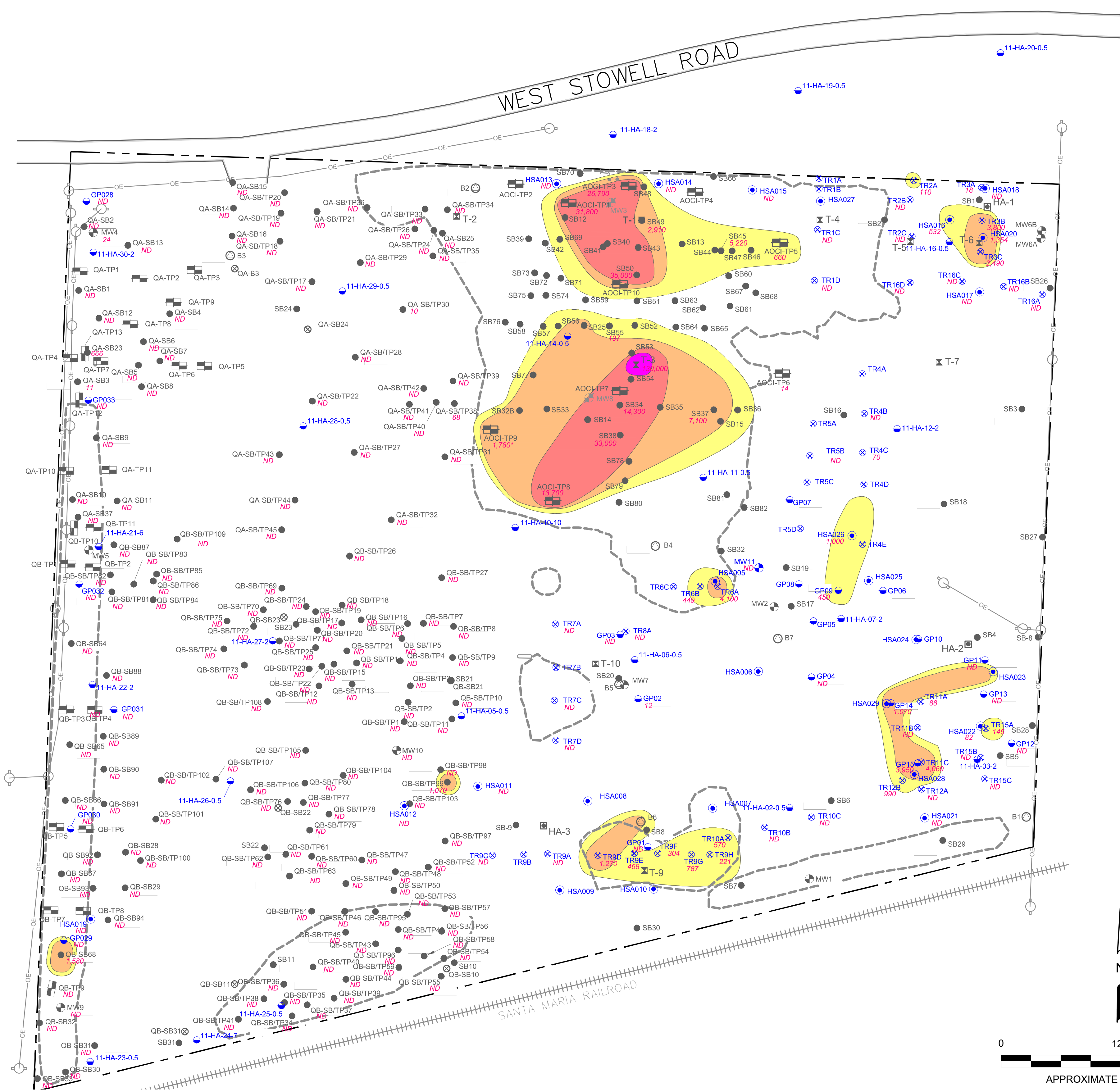
FOR:
FORMER ORCUTT REFINERY
1550 AND 1480 WEST STOWELL ROAD
SANTA MARIA, CALIFORNIA

TOTAL TPH SOIL ANALYTICAL AT 8-12'
(C-4 TO C-40)

FIGURE: 5

JOB NUMBER:	DRAWN BY:	CHECKED BY:	APPROVED BY:	DATE:
211802642	SCS/JBL	RD/KH	TP	08/15/12

FILEPATH:P:\Cad 2003\C□e□ron\Orcutt Refinery\2014\Left-O□ers\Soil\Original-Calcs\F16-TOTAL-TPH□8-11□dwg jlieberman□Mar 03, 2016 at 15:27□Layout: SITE-PLAN



TPH Concentration Range 100-1,000 mg/kg									
Depth Interval (ft)	Thickness (ft)	Area (sf)	Ave. TPH Conc. (mg/kg)	Volume (cf)	Soil concentration (lb/lb)	Soil Density (lb/cf)	Soil Weight (lb)	TPH Weight (lb)	TPH Weight (tons)
12-17	5	423	500	2115	0.0005	120	253800	126.90	0.06
	5	7,542	470	37710	0.00047	120	4525200	2126.84	1.06
	5	273	500	1365	0.0005	120	163800	81.90	0.04
	5	2,857	990	14285	0.00099	120	1714200	1697.06	0.85
	5	400	145	2000	0.000145	120	240000	34.80	0.02
	5	1,183	449	5915	0.000449	120	709800	318.70	0.16
	5	3,803	725	19015	0.000725	120	2281800	1654.31	0.83
	5	9,764	197	48820	0.000197	120	5858400	1154.10	0.58
	5	1,557	532	7785	0.000532	120	934200	496.99	0.25
	5	207	110	1035	0.00011	120	124200	13.66	0.01
	5	11,443	660	57215	0.00066	120	6865800	4531.43	2.27
								TOTAL	**6.12**

TPH Concentration Range 1,000-10,000 mg/kg									
Depth Interval (ft)	Thickness (ft)	Area (sf)	Ave. TPH Conc. (mg/kg)	Volume (cf)	Soil concentration (lb/lb)	Soil Density (lb/cf)	Soil Weight (lb)	TPH Weight (lb)	TPH Weight (tons)
12-17	5	653	1580	3265	0.00158	120	391800	619.04	0.31
	5	1,699	1270	8495	0.00127	120	1019400	1294.64	0.65
	5	245	1070	1225	0.00107	120	147000	157.29	0.08
	5	4,295	3027	21475	0.003027	120	2577000	7800.58	3.90
	5	370	4100	1850	0.0041	120	222000	910.20	0.46
	5	20,948	4400	104740	0.0044	120	12568800	55302.72	27.65
	5	1,541	2548	7705	0.002548	120	924600	2355.88	1.18
	5	3,090	4065	15450	0.004065	120	1854000	7536.51	3.77
								TOTAL	**37.99**

TPH Concentration Range >10,000 mg/kg									
Depth Interval (ft)	Thickness (ft)	Area (sf)	Ave. TPH Conc. (mg/kg)	Volume (cf)	Soil concentration (lb/lb)	Soil Density (lb/cf)	Soil Weight (lb)	TPH Weight (lb)	TPH Weight (tons)
12-17	5	11,559	20333	57795	0.020333	120	6935400	141017.49	70.51
	5	7,290	31197	36450	0.031197	120	4374000	136455.68	68.23
	5	534	130000	2670	0.13	120	320400	41652.00	20.83
								TOTAL	**159.56**

INTERVAL TOTAL ESTIMATED WEIGHT = 203.67

SOIL ANALYTICAL □EY:

ND — NOT DETECTED

□□ — TPH CONCENTRATION IN MILLIGRAMS PER □ILOGRAM □mg/□g□

□ — MULTIPLE ANALYTICAL RESULTS WITHIN DEPTH RANGE □DEEPEST RESULT SHOWN□

TPH RANGE
- 100-1,000 mg/□g
- 1,000-10,000 mg/□g
- 10,000-100,000 mg/□g
- □100,000 mg/□g

LEGEND

- TR13A — STANTEC TRENCH SAMPLE LOCATION
- GP26 — STANTEC GEOPROBE LOCATION
- 11-HA09-0.5 — STANTEC HAND AUGER LOCATION
- MW-11 — STANTEC MONITORING WELL
- HSA001 — STANTEC HOLLOW STEM AUGER
- SB14 — SOIL BORING LOCATION □ADVANCED BY PREVIOUS CONSULTANT□
- HA-1 — HAND AUGER LOCATION □ADVANCED BY PREVIOUS CONSULTANT□
- T-8 — TRENCH LOCATION □EXCAVATED BY OTHERS□
- MW-1 — RINCON SOIL BORING/MONITORING WELL
- MW-8 — ABANDONED MONITORING WELL
- B5 — RINCON HSA SOIL BORING LOCATION
- T-4 — SECOR TRENCH LOCATION
- APPROXIMATE EXTENT OF REMEDIAL EXCAVATION □2014□

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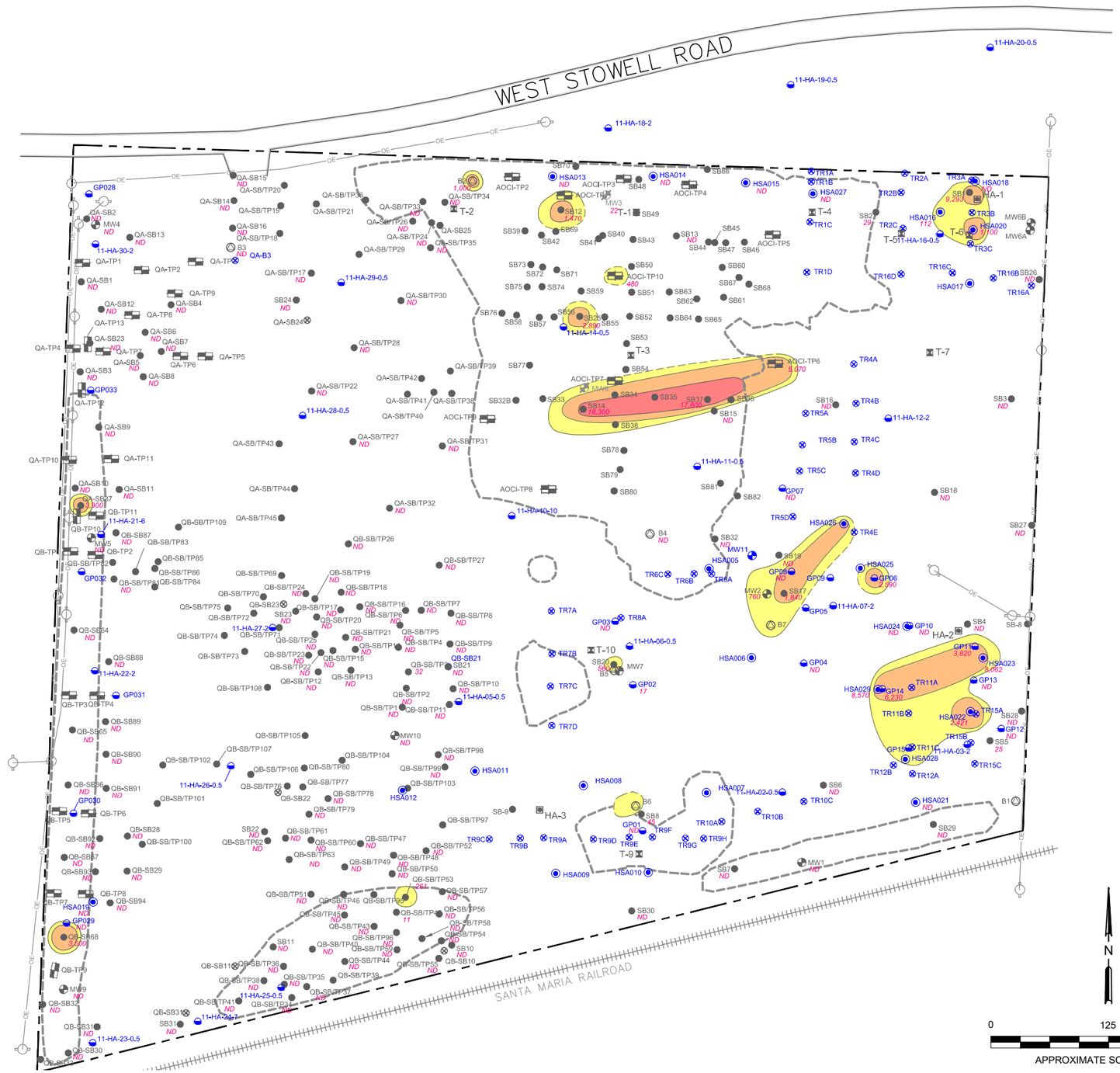
FOR:
FORMER ORCUTT REFINERY
1550 AND 1480 WEST STOWELL ROAD
SANTA MARIA, CALIFORNIA

TOTAL TPH SOIL ANALYTICAL AT 12-17□
□C-4 TO C-40□

FIGURE: 6

JOB NUMBER:	DRAWN BY:	CHEC□ED BY:	APPROVED BY:	DATE:
211802642	SCS/JBL	RD/□H	TP	08/15/12

FILEPATH:P:\Cad 2003\C□e□ron\Orcutt Refinery\2014\Left-O□ers\Soil\Original-Calcs\F17-TOTAL-TPH□13-17□dwg□jlieberman□Mar 03, 2016 at 14:56□Layout: SITE-PLAN



TPH Concentration Range 100-1,000 mg/kg								
Depth Interval (ft)	Thickness (ft)	Area (sf)	Ave. TPH Conc. (mg/kg)	Volume (cf)	Soil concentration (lb/lb)	Soil Density (lb/cf)	Soil Weight (lb)	TPH Weight (lb)	TPH Weight (tons)
17-26	9	251	500	2259	0.0005	120	271080	135.54	0.07
	9	391	500	3519	0.0005	120	422280	211.14	0.11
	9	220	500	1980	0.0005	120	237600	118.80	0.06
	9	396	480	3564	0.00048	120	427680	205.29	0.10
	9	680	500	6120	0.0005	120	734400	367.20	0.18
	9	4,155	500	37395	0.0005	120	4487400	2243.70	1.12
	9	411	261	3699	0.000261	120	443880	115.85	0.06
	9	640	500	5760	0.0005	120	691200	345.60	0.17
	9	230	560	2070	0.00056	120	248400	139.10	0.07
	9	4,272	760	38448	0.00076	120	4613760	3506.46	1.75
	9	557	500	5013	0.0005	120	601560	300.78	0.15
	9	7,485	500	67365	0.0005	120	8083800	4041.90	2.02
	9	2,318	112	20862	0.000112	120	2503440	280.39	0.14
	9	1,165	500	10485	0.0005	120	1258200	629.10	0.31
								TOTAL	6.32

TPH Concentration Range 1,000-10,000 mg/kg								
Depth Interval (ft)	Thickness (ft)	Area (sf)	Ave. TPH Conc. (mg/kg)	Volume (cf)	Soil concentration (lb/lb)	Soil Density (lb/cf)	Soil Weight (lb)	TPH Weight (lb)	TPH Weight (tons)
17-26	9	199	3900	1791	0.0039	120	214920	838.19	0.42
	9	574	3500	5166	0.0035	120	619920	2169.72	1.08
	9	142	1000	1278	0.001	120	153360	153.36	0.08
	9	379	2890	3411	0.00289	120	409320	1182.93	0.59
	9	5,416	5070	48744	0.00507	120	5849280	29655.85	14.83
	9	2,289	1840	20601	0.00184	120	2472120	4548.70	2.27
	9	311	2590	2799	0.00259	120	335880	869.93	0.43
	9	903	2421	8127	0.002421	120	975240	2361.06	1.18
	9	4,078	6670	36702	0.00667	120	4404240	29376.28	14.69
	9	353	9293	3177	0.009293	120	381240	3542.86	1.77
	9	443	1100	3987	0.0011	120	478440	526.28	0.26
	9	443	1470	3987	0.00147	120	478440	703.31	0.35
								TOTAL	37.96

TPH Concentration Range 10,000-100,000								
Depth Interval (ft)	Thickness (ft)	Area (sf)	Ave. TPH Conc. (mg/kg)	Volume (cf)	Soil concentration (lb/lb)	Soil Density (lb/cf)	Soil Weight (lb)	TPH Weight (lb)	TPH Weight (tons)
17-26	9	3,694	18050	33246	0.01805	120	3989520	72010.84	36.01
								TOTAL	36.01

INTERVAL TOTAL ESTIMATED WEIGHT = 80.29

LEGEND

- TR13A ⊗ STANTEC TRENCH SAMPLE LOCATION
- GP26 ◒ STANTEC GEOPROBE LOCATION
- 11-HA09-0.5 ◒ STANTEC HAND AUGER LOCATION
- MW-11 ◔ STANTEC MONITORING WELL
- HSA001 ◉ STANTEC HOLLOW STEM AUGER
- SB14 ● SOIL BORING LOCATION (ADVANCED BY PREVIOUS CONSULTANT)
- HA-1 ⊞ HAND AUGER LOCATION (ADVANCED BY PREVIOUS CONSULTANT)
- T-8 TRENCH LOCATION (EXCAVATED BY OTHERS)
- MW-1 RINCON SOIL BORING/MONITORING WELL
- MW-8 ABANDONED MONITORING WELL
- B5 RINCON HSA SOIL BORING LOCATION
- T-4 SECOR TRENCH LOCATION
- APPROXIMATE EXTENT OF REMEDIAL EXCAVATION (2014)

N

0 125 250

APPROXIMATE SCALE IN FEET

SOIL ANALYTICAL KEY:

- ND NOT DETECTED
- TPH CONCENTRATION IN MILLIGRAMS PER KILOGRAM (mg/kg)
- MULTIPLE ANALYTICAL RESULTS WITHIN DEPTH RANGE (DEEPEST RESULT SHOWN)

TPH RANGE

- 100-1,000 mg/kg
- 1,000-10,000 mg/kg
- 10,000-100,000 mg/kg
- >100,000 mg/kg

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PHONE: (805) 546-0455 FAX: (805) 546-0583

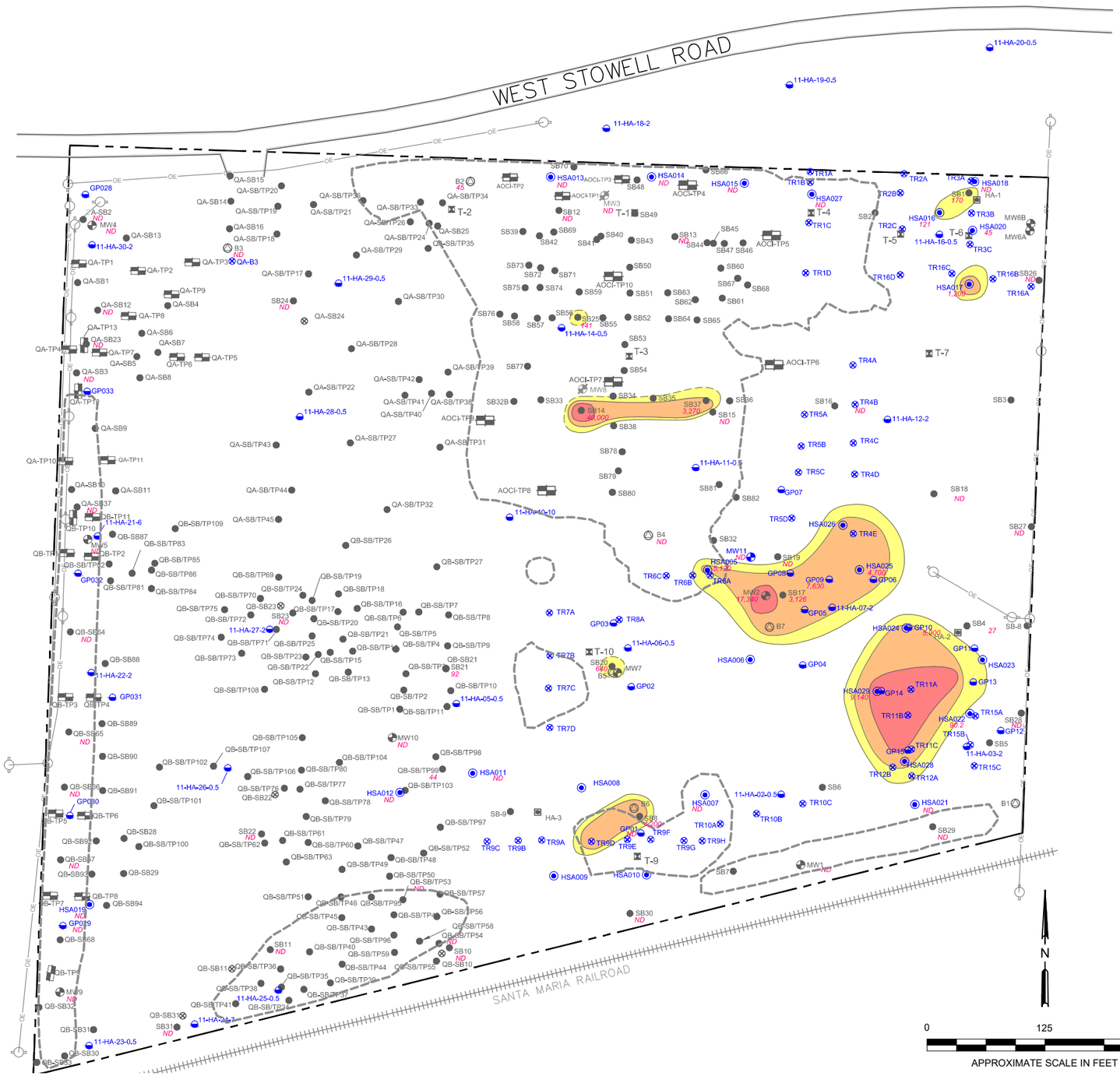
FOR: FORMER ORCUTT REFINERY
1550 AND 1480 WEST STOWELL ROAD
SANTA MARIA, CALIFORNIA

TOTAL TPH SOIL ANALYTICAL AT 17-26' (C-4 TO C-40)

FIGURE: 7

JOB NUMBER:	DRAWN BY:	CHECKED BY:	APPROVED BY:	DATE:
211802642	SCS/JBL	RD/CH	TP	08/15/12

FILEPATH:P:\Cad 2003\Cone\Orcutt Refinery\2014\Left-Overs\Soil\Original-Calcs\F18-TOTAL-TPH-18-22.dwg jlieberman Mar 03, 2016 at 15:00 Layout: SITE-PLAN



LEGEND

- TR13A ⊗ STANTEC TRENCH SAMPLE LOCATION
- GP26 ◒ STANTEC GEOPROBE LOCATION
- 11-HA09-0.5 ◒ STANTEC HAND AUGER LOCATION
- MW-11 ◔ STANTEC MONITORING WELL
- HSA001 ◉ STANTEC HOLLOW STEM AUGER
- SB14 ● SOIL BORING LOCATION (ADVANCED BY PREVIOUS CONSULTANT)
- HA-1 ⊞ HAND AUGER LOCATION (ADVANCED BY PREVIOUS CONSULTANT)
- T-8 ⊠ TRENCH LOCATION (EXCAVATED BY OTHERS)
- MW-1 ◔ RINCON SOIL BORING/MONITORING WELL
- MW-8 ⊠ ABANDONED MONITORING WELL
- RINCON HSA SOIL BORING LOCATION
- T-4 ⊠ SECOR TRENCH LOCATION
- APPROXIMATE EXTENT OF REMEDIAL EXCAVATION (2014)

TPH Concentration Range
100-1,000 mg/kg

Depth Interval (ft)	Thickness (ft)	Area (sf)	Ave. TPH Conc. (mg/kg)	Volume (cf)	Soil concentration (lb/lb)	Soil Density (lb/cf)	Soil Weight (lb)	TPH Weight (lb)	TPH Weight (tons)
26-38	12	244	141	2928	0.000141	120	351360	49.54	0.02
	12	956	146	11472	0.000146	120	1376640	200.99	0.10
	12	690	500	8280	0.0005	120	993600	496.80	0.25
	12	1,827	500	21924	0.0005	120	2630880	1315.44	0.66
	12	466	640	5592	0.00064	120	671040	429.47	0.21
	12	186	500	2232	0.0005	120	267840	133.92	0.07
	12	6,046	500	72552	0.0005	120	8706240	4353.12	2.18
								TOTAL	3.49

TPH Concentration Range
1,000-10,000 mg/kg

Depth Interval (ft)	Thickness (ft)	Area (sf)	Ave. TPH Conc. (mg/kg)	Volume (cf)	Soil concentration (lb/lb)	Soil Density (lb/cf)	Soil Weight (lb)	TPH Weight (lb)	TPH Weight (tons)
26-38	12	338	1200	4056	0.0012	120	486720	584.06	0.29
	12	2,449	3270	29388	0.00327	120	3526560	11531.85	5.77
	12	1,911	4200	22932	0.0042	120	2751840	11557.73	5.78
	12	6,634	15040	79608	0.01504	120	9552960	143676.52	71.84
	12	10,998	5144	131976	0.005144	120	15837120	81466.15	40.73
								TOTAL	124.41

TPH Concentration Range
10,000-100,000

Depth Interval (ft)	Thickness (ft)	Area (sf)	Ave. TPH Conc. (mg/kg)	Volume (cf)	Soil concentration (lb/lb)	Soil Density (lb/cf)	Soil Weight (lb)	TPH Weight (lb)	TPH Weight (tons)
26-38	12	377	40000	4524	0.04	120	542880	21715.20	10.86
	12	5,289	15000	63468	0.015	120	7616160	114242.40	57.12
	12	693	17340	8316	0.01734	120	997920	17303.93	8.65
								TOTAL	76.63

INTERVAL TOTAL ESTIMATED WEIGHT = 204.53

SOIL ANALYTICAL KEY:

- ND NOT DETECTED
- □□ TPH CONCENTRATION IN MILLIGRAMS PER KILOGRAM (mg/kg)
- □ MULTIPLE ANALYTICAL RESULTS WITHIN DEPTH RANGE (DEEPEST RESULT SHOWN)

TPH RANGE

- 100-1,000 mg/kg
- 1,000-10,000 mg/kg
- 10,000-100,000 mg/kg

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SAN LUIS OBISPO, CALIFORNIA
PHONE: (805) 546-0455 FAX: (805) 546-0583

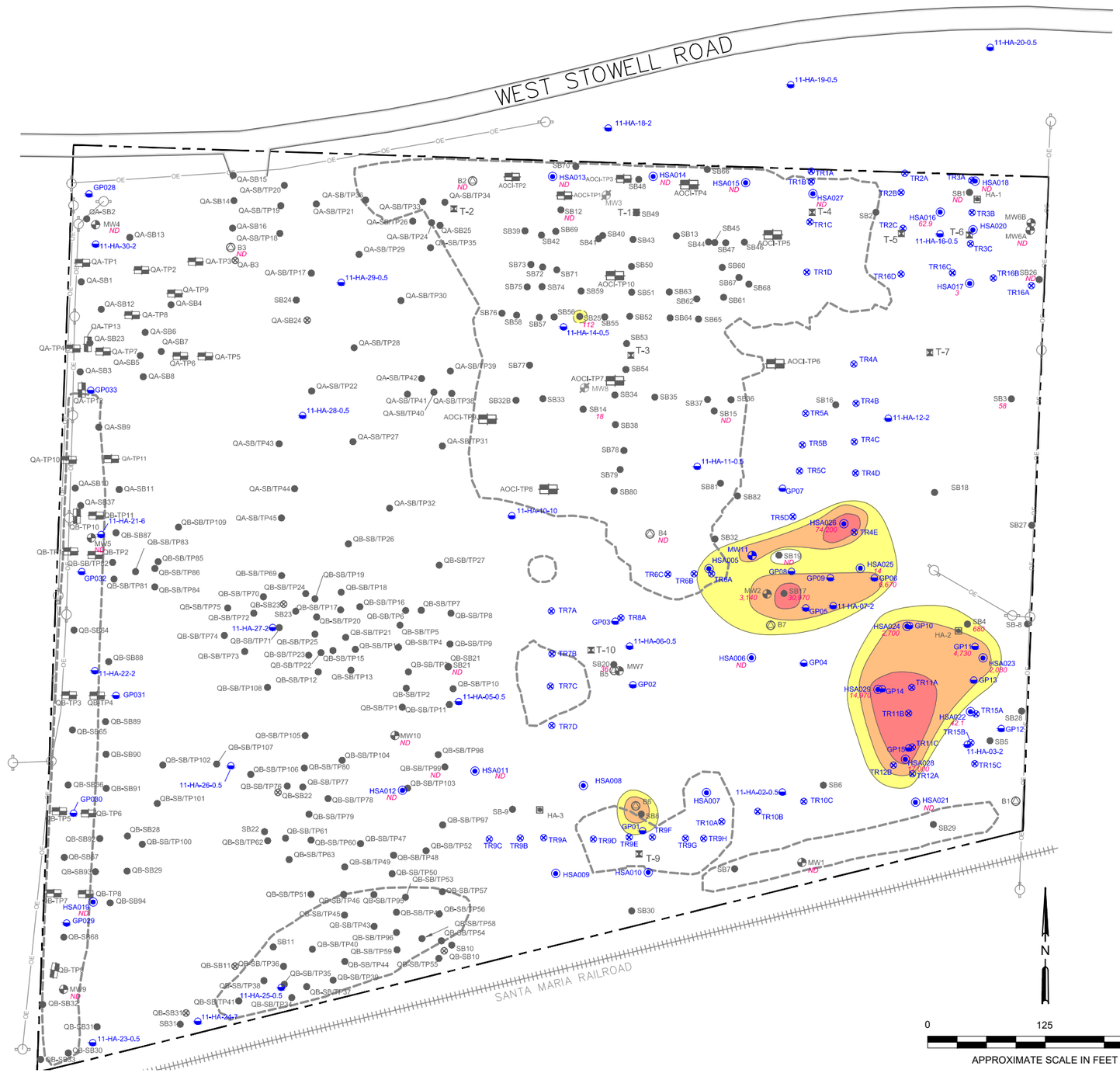
FOR:
FORMER ORCUTT REFINERY
1550 AND 1480 WEST STOWELL ROAD
SANTA MARIA, CALIFORNIA

TOTAL TPH SOIL ANALYTICAL AT 26-38' (C-4 TO C-40)

FIGURE: 8

JOB NUMBER:	DRAWN BY:	CHECKED BY:	APPROVED BY:	DATE:
211802642	SCS/JBL	RD/CH	TP	08/15/12

FILEPATH:P:\Cad 2003\Cheron\Orcutt Refinery\2014\Left-Overs\Soil\Original-Calcs\F19-TOTAL-TPH (30-35).dwg jlieberman Mar 03, 2016 at 15:04 Layout: SITE-PLAN



TPH Concentration Range 100-1,000 mg/kg									
Depth Interval (ft)	Thickness (ft)	Area (sf)	Ave. TPH Conc. (mg/kg)	Volume (cf)	Soil concentration (lb/lb)	Soil Density (lb/cf)	Soil Weight (lb)	TPH Weight (lb)	TPH Weight (tons)
38-48	10	1,038	500	10380	0.0005	120	1245600	622.80	0.31
	10	6414	680	64140	0.00068	120	7696800	5233.82	2.62
	10	11,756	500	117560	0.0005	120	14107200	7053.60	3.53
								TOTAL	**6.46**

TPH Concentration Range 1,000-10,000 mg/kg									
Depth Interval (ft)	Thickness (ft)	Area (sf)	Ave. TPH Conc. (mg/kg)	Volume (cf)	Soil concentration (lb/lb)	Soil Density (lb/cf)	Soil Weight (lb)	TPH Weight (lb)	TPH Weight (tons)
38-48	10	593	5000	5930	0.005	120	711600	3558.00	1.78
	10	9,670	3170	96700	0.00317	120	11604000	36784.68	18.39
	10	2,587	5000	25870	0.005	120	3104400	15522.00	7.76
	10	4,790	4905	47900	0.004905	120	5748000	28193.94	14.10
								TOTAL	**42.03**

TPH Concentration Range 10,000-100,000									
Depth Interval (ft)	Thickness (ft)	Area (sf)	Ave. TPH Conc. (mg/kg)	Volume (cf)	Soil concentration (lb/lb)	Soil Density (lb/cf)	Soil Weight (lb)	TPH Weight (lb)	TPH Weight (tons)
38-48	10	4,948	15985	49480	0.015985	120	5937600	94912.54	47.46
	10	823	22200	8230	0.0722	120	987600	71304.72	35.65
	10	622	30970	6220	0.03097	120	746400	23116.01	11.56
								TOTAL	**94.67**

INTERVAL TOTAL ESTIMATED WEIGHT = 143.16

LEGEND

- TR13A ⊗ STANTEC TRENCH SAMPLE LOCATION
- GP26 ◒ STANTEC GEOPROBE LOCATION
- 11-HA09-0.5 ◒ STANTEC HAND AUGER LOCATION
- MW-11 ◔ STANTEC MONITORING WELL
- HSA001 ◉ STANTEC HOLLOW STEM AUGER
- SB14 ● SOIL BORING LOCATION (ADVANCED BY PREVIOUS CONSULTANT)
- HA-1 ▣ HAND AUGER LOCATION (ADVANCED BY PREVIOUS CONSULTANT)
- T-8 ▬ TRENCH LOCATION (EXCAVATED BY OTHERS)
- MW-1 ◔ RINCON SOIL BORING/MONITORING WELL
- MW-8 ⊠ ABANDONED MONITORING WELL
- RINCON HSA SOIL BORING LOCATION
- T-4 ⊠ SECOR TRENCH LOCATION
- APPROXIMATE EXTENT OF REMEDIAL EXCAVATION (2014)

SOIL ANALYTICAL KEY:

- ND NOT DETECTED
- TPH CONCENTRATION IN MILLIGRAMS PER KILOGRAM (mg/kg)
- MULTIPLE ANALYTICAL RESULTS WITHIN DEPTH RANGE (DEEPEST RESULT SHOWN)

TPH RANGE

- 100-1,000 mg/kg
- 1,000-10,000 mg/kg
- 10,000-100,000 mg/kg

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PHONE: (805) 546-0455 FAX: (805) 546-0583

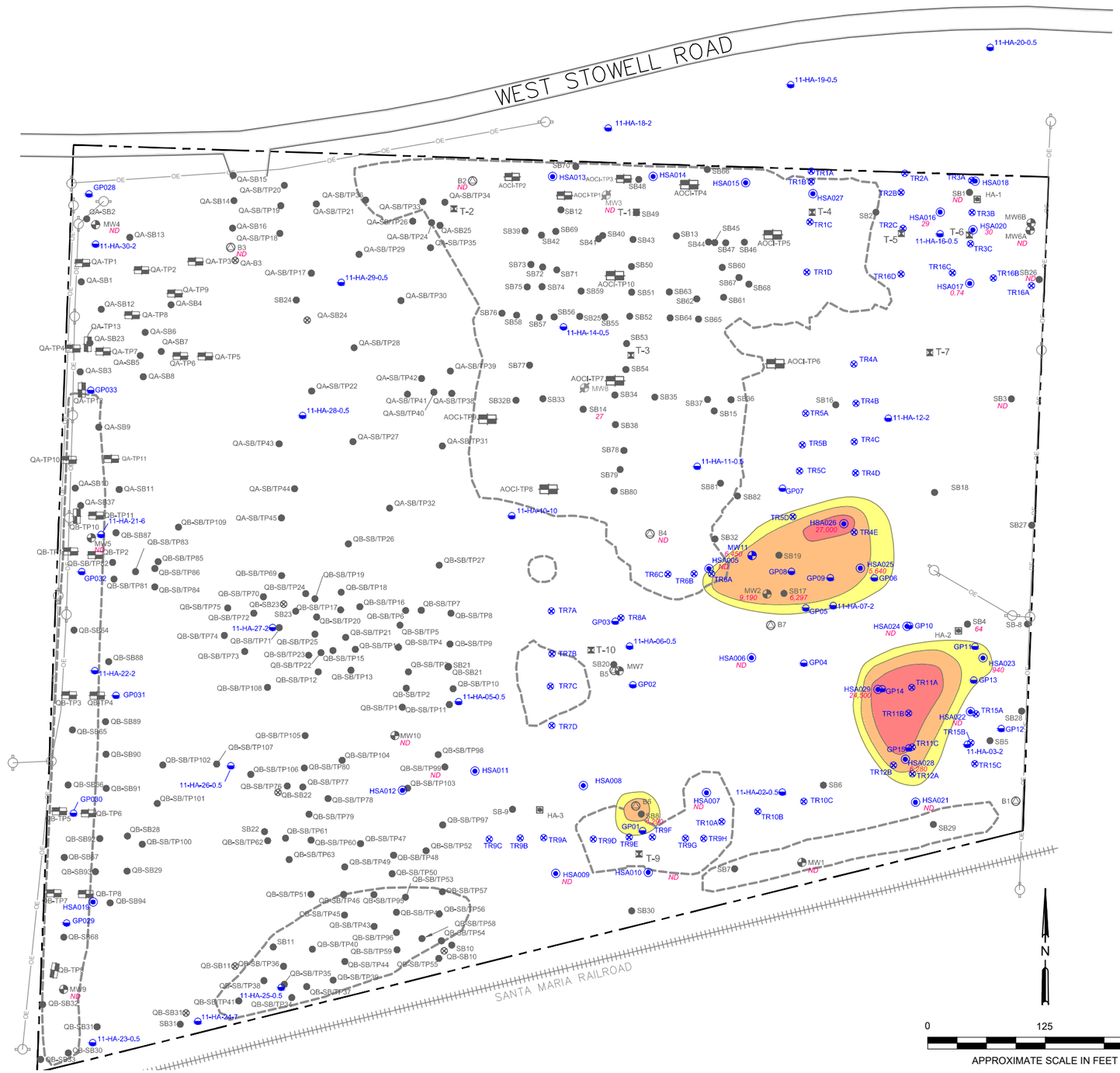
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1550 AND 1480 WEST STOWELL ROAD
SANTA MARIA, CALIFORNIA

TOTAL TPH SOIL ANALYTICAL AT 38-48 (C-4 TO C-40)

FIGURE: 9

JOB NUMBER:	DRAWN BY:	CHECKED BY:	APPROVED BY:	DATE:
211802642	SCS/JBL	RD/CH	TP	08/15/12

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TPH Concentration Range 100-1,000 mg/kg									
Depth Interval (ft)	Thickness (ft)	Area (sf)	Ave. TPH Conc. (mg/kg)	Volume (cf)	Soil concentration (lb/lb)	Soil Density (lb/cf)	Soil Weight (lb)	TPH Weight (lb)	TPH Weight (tons)
48-62	14	5,930	500	83020	0.0005	120	9962400	4981.20	2.49
	14	1268	500	17752	0.0005	120	2130240	1065.12	0.53
	14	5,123	940	71722	0.00094	120	8606640	8090.24	4.05
								TOTAL	**7.07**

TPH Concentration Range 1,000-10,000 mg/kg									
Depth Interval (ft)	Thickness (ft)	Area (sf)	Ave. TPH Conc. (mg/kg)	Volume (cf)	Soil concentration (lb/lb)	Soil Density (lb/cf)	Soil Weight (lb)	TPH Weight (lb)	TPH Weight (tons)
48-62	14	11,129	6894	155806	0.006894	120	18696720	128895.19	64.45
	14	530	4290	7420	0.00429	120	890400	3819.82	1.91
	14	4,743	6280	66402	0.00628	120	7968240	50040.55	25.02
								TOTAL	**91.38**

TPH Concentration Range 10,000-100,000									
Depth Interval (ft)	Thickness (ft)	Area (sf)	Ave. TPH Conc. (mg/kg)	Volume (cf)	Soil concentration (lb/lb)	Soil Density (lb/cf)	Soil Weight (lb)	TPH Weight (lb)	TPH Weight (tons)
48-62	14	989	27000	13846	0.027	120	1661520	44861.04	22.43
	14	5,082	24500	71148	0.0245	120	8537760	209175.12	104.59
								TOTAL	**127.02**

INTERVAL TOTAL ESTIMATED WEIGHT = 225.47

LEGEND

- TR13A — STANTEC TRENCH SAMPLE LOCATION
- GP26 — STANTEC GEOPROBE LOCATION
- 11-HA09-0.5 — STANTEC HAND AUGER LOCATION
- MW-11 — STANTEC MONITORING WELL
- HSA001 — STANTEC HOLLOW STEM AUGER
- SB14 — SOIL BORING LOCATION (ADVANCED BY PREVIOUS CONSULTANT)
- HA-1 — HAND AUGER LOCATION (ADVANCED BY PREVIOUS CONSULTANT)
- T-8 — TRENCH LOCATION (EXCAVATED BY OTHERS)
- MW-1 — RINCON SOIL BORING/MONITORING WELL
- MW-8 — ABANDONED MONITORING WELL
- RINCON HSA SOIL BORING LOCATION
- T-4 — SECOR TRENCH LOCATION
- APPROXIMATE EXTENT OF REMEDIAL EXCAVATION (2014)

SOIL ANALYTICAL KEY:

- ND — NOT DETECTED
- □□ — TPH CONCENTRATION IN MILLIGRAMS PER KILOGRAM (mg/kg)
- □ — MULTIPLE ANALYTICAL RESULTS WITHIN DEPTH RANGE (DEEPEST RESULT SHOWN)

TPH RANGE

- 100-1,000 mg/kg
- 1,000-10,000 mg/kg
- 10,000-100,000 mg/kg

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SAN LUIS OBISPO, CALIFORNIA
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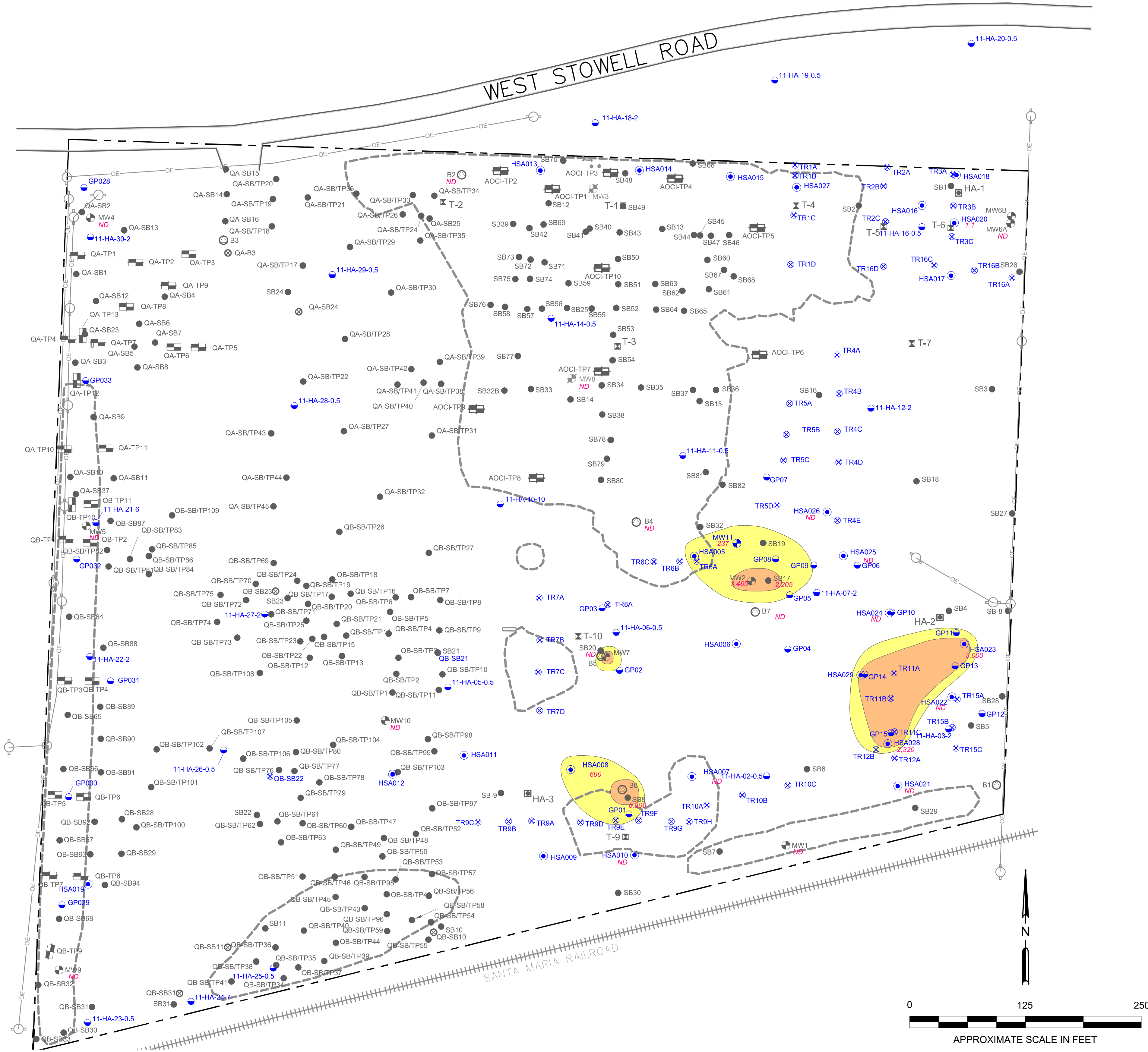
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1550 AND 1480 WEST STOWELL ROAD
SANTA MARIA, CALIFORNIA

TOTAL TPH SOIL ANALYTICAL AT 48-62 (C-4 TO C-40)

FIGURE: 10

JOB NUMBER:	DRAWN BY:	CHECKED BY:	APPROVED BY:	DATE:
211802642	SCS/JBL	RD/CH	TP	08/15/12

FILEPATH:P:\Cad 2003\Chevron\Orcutt Refinery\2014\Left-Overs\Soil\Original-Calcs\F21-TOTAL-TPH (50-56).dwg jlieberman Mar 03, 2016 at 15:11 Layout: SITE-PLAN



TPH Concentration Range 100-1,000 mg/kg									
Depth Interval (ft)	Thickness (ft)	Area (sf)	Ave. TPH Conc. (mg/kg)	Volume (cf)	Soil concentration (lb/lb)	Soil Density (lb/cf)	Soil Weight (lb)	TPH Weight (lb)	TPH Weight (tons)
62-76	14	7,571	237	105994	0.000237	120	12719280	3014.47	1.51
	14	4076	500	57064	0.0005	120	6847680	3423.84	1.71
	14	454	500	6356	0.0005	120	762720	381.36	0.19
	14	4,205	690	58870	0.00069	120	7064400	4874.44	2.44
								TOTAL	5.85

TPH Concentration Range 1,000-10,000 mg/kg									
Depth Interval (ft)	Thickness (ft)	Area (sf)	Ave. TPH Conc. (mg/kg)	Volume (cf)	Soil concentration (lb/lb)	Soil Density (lb/cf)	Soil Weight (lb)	TPH Weight (lb)	TPH Weight (tons)
62-76	14	1,072	2835	15008	0.002835	120	1800960	5105.72	2.55
	14	7,815	2660	109410	0.00266	120	13129200	34923.67	17.46
	14	148	5000	2072	0.005	120	248640	1243.20	0.62
	14	700	8800	9800	0.0088	120	1176000	10348.80	5.17
								TOTAL	25.81

INTERVAL TOTAL ESTIMATED WEIGHT = 31.66

SOIL ANALYTICAL □EY:

ND	NOT DETECTED	TPH RANGE	
□□	TPH CONCENTRATION IN MILLIGRAMS PER □ILOGRAM □mg/□g□	(yellow)	100-1,000 mg/□g
□	MULTIPLE ANALYTICAL RESULTS WITHIN DEPTH RANGE □DEEPEST RESULT SHOWN□	(orange)	1,000-10,000 mg/□g
		(red)	10,000-100,000 mg/□g

LEGEND

TR13A	STANTEC TRENCH SAMPLE LOCATION	SB14	SOIL BORING LOCATION □ADVANCED BY PREVIOUS CONSULTANT□
GP26	STANTEC GEOPROBE LOCATION	HA-1	HAND AUGER LOCATION □ADVANCED BY PREVIOUS CONSULTANT□
11-HA09-0.5	STANTEC HAND AUGER LOCATION	T-8	TRENCH LOCATION □EXCAVATED BY OTHERS□
MW-11	STANTEC MONITORING WELL	MW-1	RINCON SOIL BORING/MONITORING WELL
HSA001	STANTEC HOLLOW STEM AUGER	MW-8	ABANDONED MONITORING WELL
			RINCON HSA SOIL BORING LOCATION
		T-4	SECOR TRENCH LOCATION
			APPROXIMATE EXTENT OF REMEDIAL EXCAVATION □2014□

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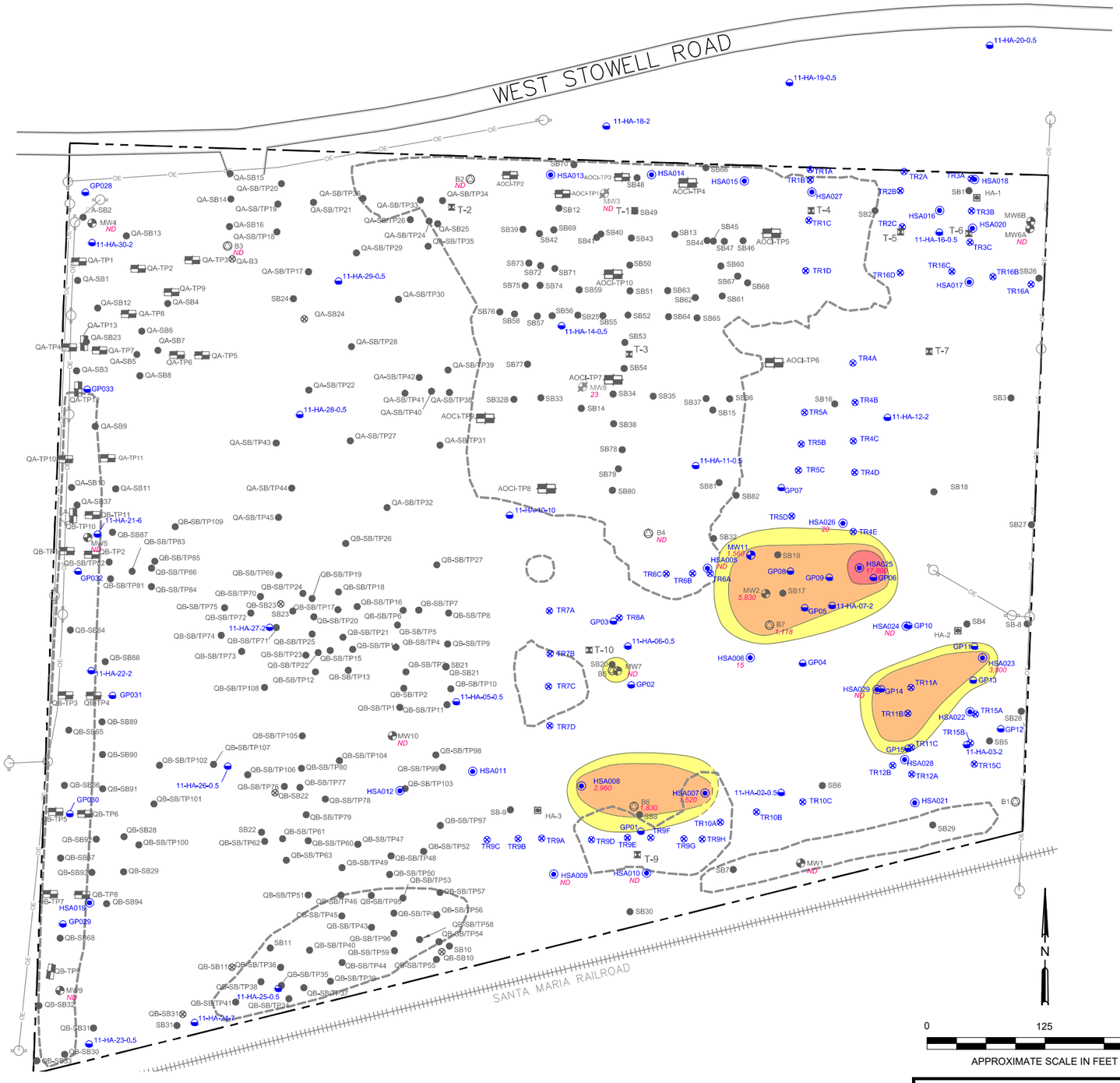
FOR:
FORMER ORCUTT REFINERY
1550 AND 1480 WEST STOWELL ROAD
SANTA MARIA, CALIFORNIA

TOTAL TPH SOIL ANALYTICAL AT 62-76□
□C-4 TO C-40□

FIGURE: 11

JOB NUMBER:	DRAWN BY:	CHEC□ED BY:	APPROVED BY:	DATE:
211802642	SCS/JBL	RD/□H	TP	08/15/12

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TPH Concentration Range
100-1,000 mg/kg

Depth Interval (ft)	Thickness (ft)	Area (sf)	Ave. TPH Conc. (mg/kg)	Volume (cf)	Soil concentration (lb/lb)	Soil Density (lb/cf)	Soil Weight (lb)	TPH Weight (lb)	TPH Weight (tons)
76-86	10	587	500	5870	0.0005	120	704400	352.20	0.18
	10	4501	500	45010	0.0005	120	5401200	2700.60	1.35
	10	4,086	500	40860	0.0005	120	4903200	2451.60	1.23
	10	7,094	500	70940	0.0005	120	8512800	4256.40	2.13
								TOTAL	4.88

TPH Concentration Range
1,000-10,000 mg/kg

Depth Interval (ft)	Thickness (ft)	Area (sf)	Ave. TPH Conc. (mg/kg)	Volume (cf)	Soil concentration (lb/lb)	Soil Density (lb/cf)	Soil Weight (lb)	TPH Weight (lb)	TPH Weight (tons)
76-86	10	6,402	2103	64020	0.002103	120	7682400	16156.09	8.08
	10	6,404	3800	64040	0.0038	120	7684800	29202.24	14.60
	10	11,093	2836	110930	0.002836	120	13311600	37751.70	18.88
								TOTAL	41.56

TPH Concentration Range
10,000-100,000

Depth Interval (ft)	Thickness (ft)	Area (sf)	Ave. TPH Conc. (mg/kg)	Volume (cf)	Soil concentration (lb/lb)	Soil Density (lb/cf)	Soil Weight (lb)	TPH Weight (lb)	TPH Weight (tons)
76-86	10	1,167	17800	11670	0.0178	120	1400400	24927.12	12.46
								TOTAL	12.46

INTERVAL TOTAL ESTIMATED WEIGHT = 58.90

LEGEND

- TR13A ⊗ STANTEC TRENCH SAMPLE LOCATION
- GP26 ◒ STANTEC GEOPROBE LOCATION
- 11-HA09-0.5 ◒ STANTEC HAND AUGER LOCATION
- MW-11 ◔ STANTEC MONITORING WELL
- HSA001 ◉ STANTEC HOLLOW STEM AUGER
- SB14 ● SOIL BORING LOCATION (ADVANCED BY PREVIOUS CONSULTANT)
- HA-1 ▣ HAND AUGER LOCATION (ADVANCED BY PREVIOUS CONSULTANT)
- T-8 ▬ TRENCH LOCATION (EXCAVATED BY OTHERS)
- MW-1 ◔ RINCON SOIL BORING/MONITORING WELL
- MW-8 ⊠ ABANDONED MONITORING WELL
- RINCON HSA SOIL BORING LOCATION
- T-4 ⊠ SECOR TRENCH LOCATION
- APPROXIMATE EXTENT OF REMEDIAL EXCAVATION (2014)

SOIL ANALYTICAL KEY:

- ND NOT DETECTED
- TPH CONCENTRATION IN MILLIGRAMS PER KILOGRAM (mg/g)
- MULTIPLE ANALYTICAL RESULTS WITHIN DEPTH RANGE (DEEPEST RESULT SHOWN)

TPH RANGE

- 100-1,000 mg/g
- 1,000-10,000 mg/g
- 10,000-100,000 mg/g

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SAN LUIS OBISPO, CALIFORNIA
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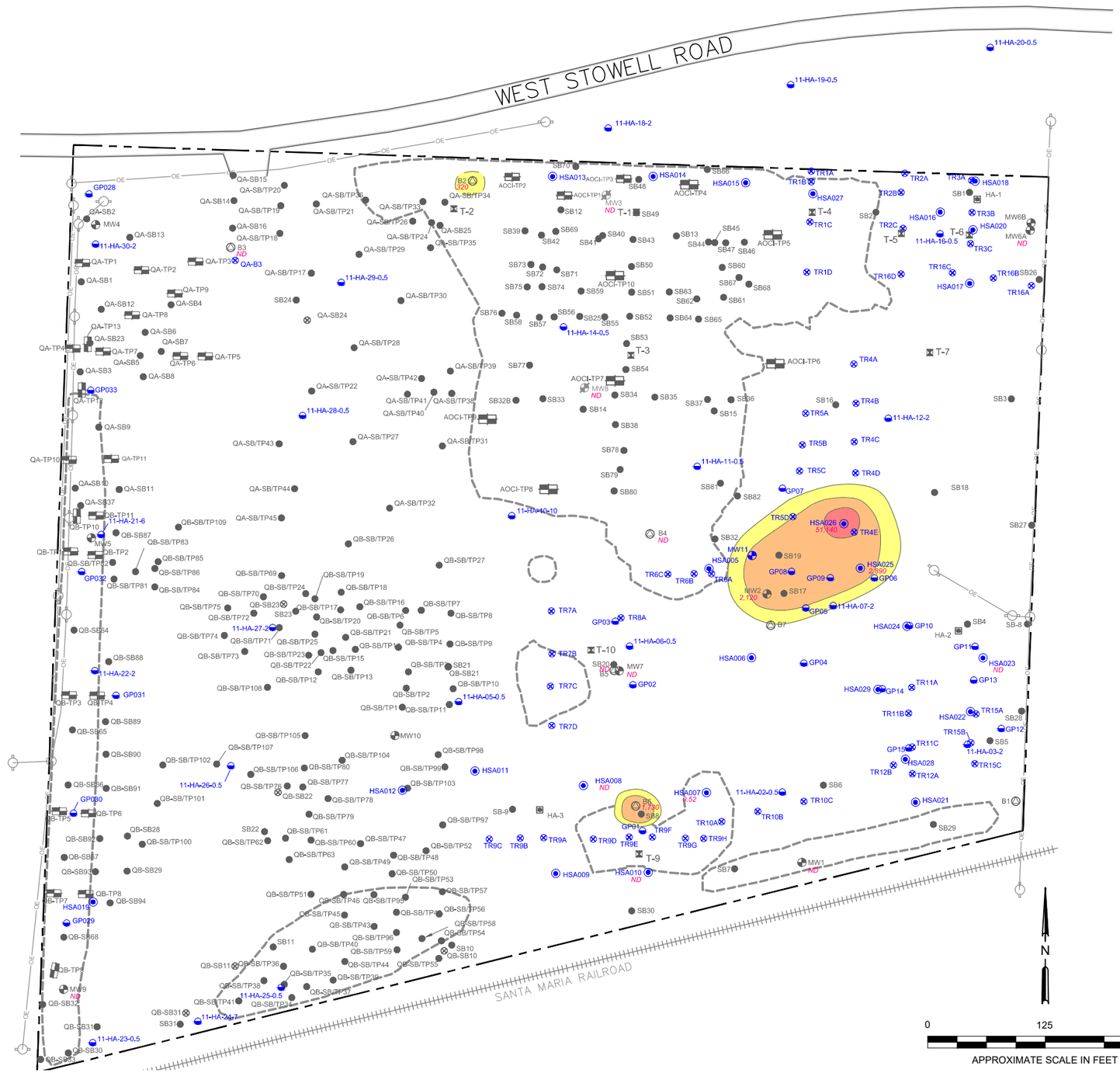
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1550 AND 1480 WEST STOWELL ROAD
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TOTAL TPH SOIL ANALYTICAL AT 76-86
(C-4 TO C-40)

FIGURE: 12

JOB NUMBER:	DRAWN BY:	CHECKED BY:	APPROVED BY:	DATE:
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TPH Concentration Range 100-1,000 mg/kg								
Depth Interval (ft)	Thickness (ft)	Area (sf)	Ave. TPH Conc. (mg/kg)	Volume (cf)	Soil concentration (lb/lb)	Soil Density (lb/cf)	Soil Weight (lb)	TPH Weight (lb)	TPH Weight (tons)
86-93	7	642	320	4494	0.00032	120	539280	172.57	0.09
	7	729	500	5103	0.0005	120	612360	306.18	0.15
	7	7,456	500	52192	0.0005	120	6263040	3131.52	1.57
								TOTAL	**1.81**

TPH Concentration Range 1,000-10,000 mg/kg								
Depth Interval (ft)	Thickness (ft)	Area (sf)	Ave. TPH Conc. (mg/kg)	Volume (cf)	Soil concentration (lb/lb)	Soil Density (lb/cf)	Soil Weight (lb)	TPH Weight (lb)	TPH Weight (tons)
86-93	7	798	1730	5586	0.00173	120	670320	1159.65	0.58
	7	11,501	2505	80507	0.002505	120	9660840	24200.40	12.10
								TOTAL	**12.68**

TPH Concentration Range 10,000-100,000								
Depth Interval (ft)	Thickness (ft)	Area (sf)	Ave. TPH Conc. (mg/kg)	Volume (cf)	Soil concentration (lb/lb)	Soil Density (lb/cf)	Soil Weight (lb)	TPH Weight (lb)	TPH Weight (tons)
86-93	7	993	51140	6951	0.05114	120	834120	42656.90	21.33
								TOTAL	**21.33**

INTERVAL TOTAL ESTIMATED WEIGHT = 35.82

LEGEND

- TR13A ⊗ STANTEC TRENCH SAMPLE LOCATION
- GP26 ◒ STANTEC GEOPROBE LOCATION
- 11-HA09-0.5 ◒ STANTEC HAND AUGER LOCATION
- MW-11 ◔ STANTEC MONITORING WELL
- HSA001 ◉ STANTEC HOLLOW STEM AUGER
- SB14 ● SOIL BORING LOCATION (ADVANCED BY PREVIOUS CONSULTANT)
- HA-1 ⊡ HAND AUGER LOCATION (ADVANCED BY PREVIOUS CONSULTANT)
- T-8 ⊠ TRENCH LOCATION (EXCAVATED BY OTHERS)
- MW-1 ◔ RINCON SOIL BORING/MONITORING WELL
- MW-8 ⊠ ABANDONED MONITORING WELL
- RINCON HSA SOIL BORING LOCATION
- T-4 ⊠ SECOR TRENCH LOCATION
- APPROXIMATE EXTENT OF REMEDIAL EXCAVATION (2014)

SOIL ANALYTICAL KEY:

- ND NOT DETECTED
- TPH CONCENTRATION IN MILLIGRAMS PER KILOGRAM (mg/kg)
- MULTIPLE ANALYTICAL RESULTS WITHIN DEPTH RANGE (DEEPEST RESULT SHOWN)

TPH RANGE

- 100-1,000 mg/kg
- 1,000-10,000 mg/kg
- 10,000-100,000 mg/kg

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SAN LUIS OBISPO, CALIFORNIA
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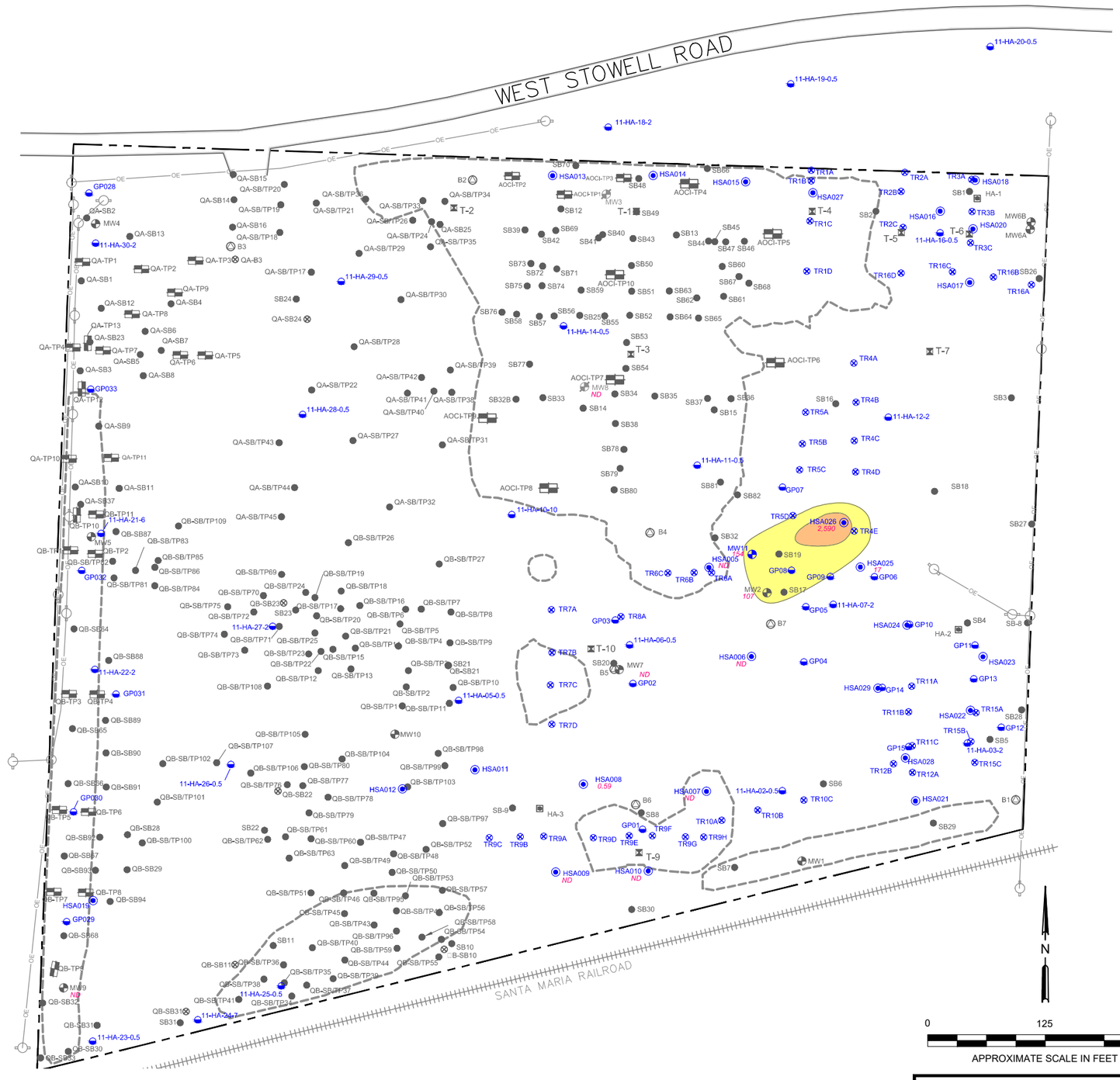
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TOTAL TPH SOIL ANALYTICAL AT 86-93 (C-4 TO C-40)

FIGURE: 13

JOB NUMBER:	DRAWN BY:	CHECKED BY:	APPROVED BY:	DATE:
211802642	SCS/JBL	RD/CH	TP	08/15/12

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TPH Concentration Range 100-1,000 mg/kg									
Depth Interval (ft)	Thickness (ft)	Area (sf)	Ave. TPH Conc. (mg/kg)	Volume (cf)	Soil concentration (lb/lb)	Soil Density (lb/cf)	Soil Weight (lb)	TPH Weight (lb)	TPH Weight (tons)
93-100	7	7,867	131	55069	0.000131	120	6608280	865.68	0.43
								TOTAL	**0.43**

TPH Concentration Range 1,000-10,000 mg/kg									
Depth Interval (ft)	Thickness (ft)	Area (sf)	Ave. TPH Conc. (mg/kg)	Volume (cf)	Soil concentration (lb/lb)	Soil Density (lb/cf)	Soil Weight (lb)	TPH Weight (lb)	TPH Weight (tons)
93-100	7	1,557	2590	10899	0.00259	120	1307880	3387.41	1.69
								TOTAL	**1.69**

INTERVAL TOTAL ESTIMATED WEIGHT = 2.12

LEGEND

- TR13A ⊗ STANTEC TRENCH SAMPLE LOCATION
- GP26 ◒ STANTEC GEOPROBE LOCATION
- 11-HA09-0.5 ◒ STANTEC HAND AUGER LOCATION
- MW-11 ◔ STANTEC MONITORING WELL
- HSA001 ◉ STANTEC HOLLOW STEM AUGER
- SB14 ● SOIL BORING LOCATION (ADVANCED BY PREVIOUS CONSULTANT)
- HA-1 ▣ HAND AUGER LOCATION (ADVANCED BY PREVIOUS CONSULTANT)
- T-8 ▬ TRENCH LOCATION (EXCAVATED BY OTHERS)
- MW-1 ◔ RINCON SOIL BORING/MONITORING WELL
- MW-8 ⊗ ABANDONED MONITORING WELL
- RINCON HSA SOIL BORING LOCATION
- T-4 ⊠ SECOR TRENCH LOCATION
- APPROXIMATE EXTENT OF REMEDIAL EXCAVATION (2014)

SOIL ANALYTICAL KEY:

- ND NOT DETECTED
- TPH CONCENTRATION IN MILLIGRAMS PER KILOGRAM (mg/kg)
- MULTIPLE ANALYTICAL RESULTS WITHIN DEPTH RANGE (DEEPEST RESULT SHOWN)

TPH RANGE

- 100-1,000 mg/kg
- 1,000-10,000 mg/kg
- 10,000-100,000 mg/kg

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SAN LUIS OBISPO, CALIFORNIA
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TOTAL TPH SOIL ANALYTICAL AT 93-100 (C-4 TO C-40)

FIGURE: 14

JOB NUMBER:	DRAWN BY:	CHECKED BY:	APPROVED BY:	DATE:
211802642	SCS/JBL	RD/H	TP	08/15/12

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APPENDIX C
HISTORICAL SOIL ASSESSMENT DATA

Table 1
Soil Analytical Results - Total Petroleum Hydrocarbons and BTEX
Former Orcutt Refinery
1550 West Stowell Road
Santa Maria, California

Sample Location	Depth	Date	TPHg (C4-C12)	TPHd (C13-C22)	TPHo (C23-C40)	Total TPH (C4-C40)	Benzene	Toluene	Ethylbenzene	Total Xylenes
T-2	5	8/21/2002	-	-	-	**8,500**	**2.8**	4.7	3.1	9.4
T-3	13	8/22/2002	-	-	-	**130,000**	**3.1**	10	9.5	34
T-4	3	8/23/2002	-	-	-	**62,000**	**3.4**	0.2	8.5	19
T-6	5	8/24/2002	-	-	-	**21,000**	**3.4**	10	9.8	19
T-8	5	8/25/2002	-	-	-	**170**	<0.005	<0.005	<0.005	<0.005
B1	5	11/18/2003	<15	<15	<25	ND	<0.1	<0.6	<0.1	<0.1
B1	10	11/18/2003	<15	<15	<25	ND	<0.1	<0.6	<0.1	<0.1
B2	10	11/18/2003	<15	<15	<25	ND	<0.1	<0.6	<0.1	<0.1
B2	20	11/18/2003	360	640	<125	**1,000**	<0.5	<3.0	<0.5	5.9
B2	30	11/18/2003	<15	45	<25	45	<0.1	<0.6	<0.1	<0.1
B2	40	11/19/2003	<15	<15	<25	ND	<0.1	<0.6	<0.1	<0.1
B2	50	11/19/2003	<15	<15	<25	ND	<0.1	<0.6	<0.1	<0.1
B2	60	11/19/2003	<15	<15	<25	ND	<0.1	<0.6	<0.1	<0.1
B2	70	11/19/2003	<15	<15	<25	ND	<0.1	<0.6	<0.1	<0.1
B2	80	11/19/2003	<15	<15	<25	ND	<0.1	<0.6	<0.1	<0.1
B2	90	11/19/2003	320	<15	<25	**320**	<0.1	<0.6	<0.1	<0.1
B2	95	11/19/2003	<15	<15	<25	ND	<0.1	<0.6	<0.1	<0.1
B3	5	11/19/2003	<15	<15	<25	ND	<0.1	<0.6	<0.1	<0.1
B3	10	11/19/2003	<15	<15	<25	ND	<0.1	<0.6	<0.1	<0.1
B3	20	11/19/2003	<15	<15	<25	ND	<0.1	<0.6	<0.1	<0.1
B3	30	11/19/2003	<15	<15	<25	ND	<0.1	<0.6	<0.1	<0.1
B3	40	11/19/2003	<15	<15	<25	ND	<0.1	<0.6	<0.1	<0.1
B3	50	11/19/2003	<15	<15	<25	ND	<0.1	<0.6	<0.1	<0.1
B3	60	11/19/2003	<15	<15	<25	ND	<0.1	<0.6	<0.1	<0.1
B3	75	11/19/2003	<15	<15	<25	ND	<0.1	<0.6	<0.1	<0.1
B3	80	11/19/2003	<15	<15	<25	ND	<0.1	<0.6	<0.1	<0.1
B3	90	11/19/2003	<15	<15	<25	ND	<0.1	<0.005	<0.005	<0.005
B4	5	11/20/2003	<15	<15	<25	ND	<0.1	<0.6	<0.1	<0.1
B4	10	11/20/2003	<15	<15	<25	ND	<0.1	<0.6	<0.1	<0.1
B4	20	11/20/2003	<15	<15	<25	ND	<0.1	<0.6	<0.1	<0.1
B4	30	11/20/2003	<15	<15	<25	ND	<0.1	<0.6	<0.1	<0.1
B4	40	11/20/2003	<15	<15	<25	ND	<0.1	<0.6	<0.1	<0.1
B4	50	11/20/2003	<15	<15	<25	ND	<0.1	<0.6	<0.1	<0.1
B4	60	11/20/2003	<15	<15	<25	ND	<0.1	<0.6	<0.1	<0.1
B4	70	11/20/2003	<15	<15	<25	ND	<0.1	<0.6	<0.1	<0.1
B4	80	11/20/2003	<15	<15	<25	ND	<0.1	<0.6	<0.1	<0.1
B4	90	11/20/2003	<15	<15	<25	ND	<0.1	<0.6	<0.1	<0.1
B4	95	11/20/2003	<15	<15	<25	ND	<0.1	<0.6	<0.1	<0.1
B5	95	11/21/2003	<15	<15	<25	ND	<0.1	<0.6	<0.1	<0.1
B6	80	11/24/2003	1,200	630	<25	**1,830**	<1	<6	1.6	5.4
B6	90	11/24/2003	800	930	<25	**1,730**	<0.5	<3	<0.5	0.6
B6	95	11/24/2003	<15	<15	<25	ND	<0.1	<0.6	<0.1	<0.1
B7	70	11/24/2003	<15	<15	<25	ND	<0.1	<0.6	<0.1	<0.1
B7	80	11/24/2003	68	880	170	**1,118**	<0.1	<0.6	<0.1	<0.1
B7	85	11/24/2003	<15	<15	<25	ND	<0.1	<0.6	<0.1	<0.1
SB1	10	9/9/2003	4,800	290	250	**5,340**	<10	<60	<10	<10
SB1	20	9/9/2003	9,200	67	26	**9,293**	**2.2**	4	3.5	6.8
SB1	30	9/9/2003	55	61	<25	**116**	<0.1	<0.6	<0.1	<0.1
SB1	35	9/9/2003	20	150	<25	**170**	<0.1	<0.6	<0.1	<0.1
SB1	40	9/9/2003	<15	<15	<25	ND	<0.1	<0.6	<0.1	<0.1
SB1	55	9/9/2003	<15	<15	<25	ND	<0.1	<0.6	<0.1	<0.1
SB2	10	9/9/2003	<15	<15	<25	ND	<0.1	<0.6	<0.1	<0.1
SB2	20	9/9/2003	29	<15	<25	29	<0.005	<0.005	<0.005	<0.005
SB3	10	9/9/2003	<15	<15	<25	ND	<0.1	<0.6	<0.1	<0.1

Table 1
Soil Analytical Results - Total Petroleum Hydrocarbons and BTEX
Former Orcutt Refinery
1550 West Stowell Road
Santa Maria, California

Sample Location	Depth	Date	TPHg (C4-C12)	TPHd (C13-C22)	TPHo (C23-C40)	Total TPH (C4-C40)	Benzene	Toluene	Ethylbenzene	Total Xylenes
SB3	20	9/9/2003	<15	<15	<25	ND	<0.1	<0.6	<0.1	<0.1
SB3	40	9/9/2003	58	<15	<25	58	<0.010	<0.010	0.07	0.16
SB3	50	9/9/2003	<15	<15	<25	ND	<0.1	<0.6	<0.1	<0.1
SB3	95	11/20/2003	<15	<15	<25	ND	<0.1	<0.6	<0.1	<0.1
SB4	10	9/9/2003	<15	<15	<25	ND	<0.1	<0.6	<0.1	<0.1
SB4	20	9/9/2003	<15	<15	<25	ND	<0.1	<0.6	<0.1	<0.1
SB4	30	9/9/2003	27	<15	<25	27	<0.1	<0.6	<0.1	<0.1
SB4	40	9/9/2003	200	480	<25	**680**	<0.005	<0.005	0.03	<0.005
SB4	50	9/9/2003	48	16	<25	64	<0.1	<0.6	<0.1	<0.1
SB4	60	9/9/2003	<15	<15	<25	ND	<0.1	<0.6	<0.1	<0.1
SB5	10	9/10/2003	<15	<15	<25	ND	<0.1	<0.6	<0.1	<0.1
SB5	20	9/10/2003	25	<15	<25	25	<0.005	<0.005	<0.005	<0.005
SB6	10	9/10/2003	<15	<15	<25	ND	<0.1	<0.6	<0.1	<0.1
SB6	20	9/10/2003	<15	<15	<25	ND	<0.1	<0.6	<0.1	<0.1
SB7	10	9/10/2003	<15	<15	<25	ND	<0.1	<0.6	<0.1	<0.1
SB7	20	9/10/2003	<15	<15	<25	ND	<0.1	<0.6	<0.1	<0.1
SB8	10	9/10/2003	<15	<15	100	**100**	<0.1	<0.6	<0.1	<0.1
SB8	20	9/10/2003	<15	<15	45	45	<0.1	<0.6	<0.1	<0.1
SB8	30	9/10/2003	1,500	2,700	<250	**4,200**	<1.0	<6.0	1.6	7.8
SB8	50	9/10/2003	360	3,500	430	**4,290**	<0.1	<0.6	<0.1	<0.1
SB8	60	9/10/2003	460	1,500	66	**2,026**	<0.1	<0.6	0.6	1.1
SB8	70	9/10/2003	2,300	6,500	<250	**8,800**	<1.0	<6.0	<1.0	4.6
SB9	15	9/10/2003	<15	<15	<25	ND	<0.1	<0.6	<0.1	<0.1
SB9	30	9/10/2003	<15	<15	<25	ND	<0.1	<0.6	<0.1	<0.1
SB10	10	9/11/2003	<15	<15	<25	ND	<0.1	<0.6	<0.1	<0.1
SB10	20	9/11/2003	<15	<15	<25	ND	<0.1	<0.6	<0.1	<0.1
SB10	30	9/11/2003	<15	<15	<25	ND	<0.1	<0.6	<0.1	<0.1
SB11	10	9/11/2003	<15	<15	<25	ND	<0.1	<0.6	<0.1	<0.1
SB11	20	9/11/2003	<15	<15	<25	ND	<0.1	<0.6	<0.1	<0.1
SB11	30	9/11/2003	<15	<15	<25	ND	<0.1	<0.6	<0.1	<0.1
SB12	10	9/11/2003	<15	2,000	3,200	**5,200**	<0.1	<0.6	<0.1	<0.1
SB12	20	9/11/2003	<15	580	890	**1,470**	<0.1	<0.6	<0.1	<0.1
SB12	30	9/11/2003	<15	<15	<25	ND	<0.1	<0.6	<0.1	<0.1
SB12	40	9/11/2003	<15	<15	<25	ND	<0.1	<0.6	<0.1	<0.1
SB13	10	9/11/2003	2,400	14,000	10,000	**26,400**	<5.0	<30	8.4	18
SB13	20	9/11/2003	<15	<15	<25	ND	<0.1	<0.6	<0.1	<0.1
SB13	30	9/11/2003	<15	<15	<25	ND	<0.1	<0.6	<0.1	<0.1
SB14	10	9/11/2003	4,500	26,000	23,000	**53,500**	<5.0	<30	14	50
SB14	20	9/11/2003	4,800	8,300	5,200	**18,300**	<5.0	<30	29	50
SB14	30	9/11/2003	6,000	15,000	19,000	**40,000**	<5.0	<30	17	150
SB14	40	9/11/2003	18	<15	<25	18	<0.1	<0.6	<0.1	<0.1
SB14	50	9/11/2003	27	<15	<25	27	<0.1	<0.6	<0.1	<0.1
SB14	60	9/11/2003	36	<15	<25	36	<0.1	<0.6	<0.1	<0.1
SB15	10	9/12/2003	290	900	830	**2,020**	**0.33**	0.07	0.76	0.27
SB15	20	9/12/2003	<15	<15	<25	ND	<0.1	<0.6	<0.1	<0.1
SB15	30	9/12/2003	<15	<15	<25	ND	<0.1	<0.6	<0.1	<0.1
SB15	40	9/12/2003	<15	<15	<25	ND	<0.1	<0.6	<0.1	<0.1
SB16	10	9/12/2003	<15	<15	<25	ND	<0.1	<0.6	<0.1	<0.1
SB16	20	9/12/2003	<15	<15	<25	ND	<0.1	<0.6	<0.1	<0.1
SB16	30	9/12/2003	<15	<15	<25	ND	<0.1	<0.6	<0.1	<0.1
SB17	10	9/12/2003	<15	37	28	65	<0.1	<0.6	<0.1	<0.1
SB17	20	9/12/2003	<15	1,020	820	**1,840**	<0.1	<0.6	<0.1	<0.1
SB17	30	9/12/2003	36	2,500	590	**3,126**	<0.1	<0.6	<0.1	0.5
SB17	40	9/12/2003	170	23,600	7,200	**30,970**	<0.005	<0.005	0.012	0.03

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Former Orcutt Refinery
1550 West Stowell Road
Santa Maria, California

Sample Location	Depth	Date	TPHg (C4-C12)	TPHd (C13-C22)	TPHo (C23-C40)	Total TPH (C4-C40)	Benzene	Toluene	Ethylbenzene	Total Xylenes
SB17	50	9/12/2003	97	5,000	1,200	**6,297**	<0.1	<0.6	0.4	1.8
SB17	60	9/12/2003	35	1,420	390	**1,845**	<0.1	<0.6	<0.1	0.6
SB17	70	9/12/2003	35	1,750	420	**2,205**	<0.1	<0.6	<0.1	0.4
SB18	10	9/17/2003	<15	<15	<25	ND	<0.1	<0.6	<0.1	<0.1
SB18	20	9/17/2003	<15	<15	<25	ND	<0.1	<0.6	<0.1	<0.1
SB18	30	9/17/2003	<15	<15	<25	ND	<0.1	<0.6	<0.1	<0.1
SB19	10	9/17/2003	<15	<15	<25	ND	<0.1	<0.6	<0.1	<0.1
SB19	20	9/17/2003	<15	<15	<25	ND	<0.1	<0.6	<0.1	<0.1
SB19	30	9/17/2003	<15	<15	<25	ND	<0.1	<0.6	<0.1	<0.1
SB19	40	9/17/2003	<15	<15	<25	ND	<0.1	<0.6	<0.1	<0.1
SB20	10	9/17/2003	<15	<15	<25	ND	<0.1	<0.6	<0.1	<0.1
SB20	20	9/17/2003	60	370	130	**560**	<0.1	<0.6	<0.1	<0.1
SB20	30	9/17/2003	370	170	100	**640**	<0.1	<0.05	0.45	1.4
SB20	47	9/17/2003	36	<15	<25	36	<0.1	<0.6	<0.1	<0.1
SB20	60	9/17/2003	<15	37	<25	37	<0.005	0.014	0.01	0.023
SB20	70	9/17/2003	<15	<15	<25	ND	<0.1	<0.6	<0.1	<0.1
SB20	87	9/17/2003	<15	<15	<25	ND	<0.005	<0.005	0.014	<0.005
SB21	10	9/17/2003	<15	<15	<25	ND	<0.1	<0.6	<0.1	<0.1
SB21	20	9/17/2003	<15	<15	<25	ND	<0.1	<0.6	<0.1	<0.1
SB21	30	9/17/2003	<15	92	<25	92	<0.1	<0.6	<0.1	<0.1
SB21	40	9/17/2003	<15	<15	<25	ND	<0.1	<0.6	<0.1	<0.1
SB22	10	9/17/2003	<15	<15	<25	ND	<0.1	<0.6	<0.1	<0.1
SB22	20	9/17/2003	<15	<15	<25	ND	<0.1	<0.6	<0.1	<0.1
SB22	30	9/17/2003	<15	<15	<25	ND	<0.1	<0.6	<0.1	<0.1
SB23	10	9/18/2003	<15	<15	<25	ND	<0.1	<0.6	<0.1	<0.1
SB23	20	9/18/2003	<15	<15	<25	ND	<0.1	<0.6	<0.1	<0.1
SB23	30	9/18/2003	<15	<15	<25	ND	<0.1	<0.6	<0.1	<0.1
SB24	10	9/18/2003	<15	<15	<25	ND	<0.1	<0.6	<0.1	<0.1
SB24	20	9/18/2003	<15	<15	<25	ND	<0.1	<0.6	<0.1	<0.1
SB24	30	9/18/2003	<15	<15	<25	ND	<0.1	<0.6	<0.1	<0.1
SB25	10	9/18/2003	780	540	81	**1,401**	<1.0	<6.0	<1.0	2.5
SB25	20	9/18/2003	2,800	90	<25	**2,890**	<2.0	<12	5.1	10
SB25	30	9/18/2003	120	21	<25	**141**	<0.1	<0.6	<0.1	<0.1
SB25	40	9/18/2003	63	49	<25	**112**	<0.1	<0.6	<0.1	<0.1
SB26	10	9/18/2003	<15	<15	<25	ND	<0.1	<0.6	<0.1	<0.1
SB26	20	9/18/2003	<15	<15	<25	ND	<0.1	<0.6	<0.1	<0.1
SB26	30	9/18/2003	<15	<15	<25	ND	<0.1	<0.6	<0.1	<0.1
SB26	40	9/18/2003	<15	<15	<25	ND	<0.1	<0.6	<0.1	<0.1
SB26	50	9/18/2003	<15	<15	<25	ND	<0.1	<0.6	<0.1	<0.1
SB27	10	9/18/2003	<15	<15	<25	ND	<0.1	<0.6	<0.1	<0.1
SB27	20	9/18/2003	<15	<15	<25	ND	<0.1	<0.6	<0.1	<0.1
SB27	30	9/18/2003	<15	<15	<25	ND	<0.1	<0.6	<0.1	<0.1
SB28	10	9/19/2003	<15	<15	<25	ND	<0.1	<0.6	<0.1	<0.1
SB28	20	9/19/2003	<15	<15	<25	ND	<0.1	<0.6	<0.1	<0.1
SB28	30	9/19/2003	<15	<15	<25	ND	<0.1	<0.6	<0.1	<0.1
SB29	10	9/19/2003	<15	<15	<25	ND	<0.1	<0.6	<0.1	<0.1
SB29	20	9/19/2003	<15	<15	<25	ND	<0.1	<0.6	<0.1	<0.1
SB29	30	9/19/2003	<15	<15	<25	ND	<0.1	<0.6	<0.1	<0.1
SB30	10	9/19/2003	<15	<15	<25	ND	<0.1	<0.6	<0.1	<0.1
SB30	20	9/19/2003	<15	<15	<25	ND	<0.1	<0.6	<0.1	<0.1
SB30	30	9/19/2003	<15	<15	<25	ND	<0.1	<0.6	<0.1	<0.1
SB31	10	9/19/2003	<15	<15	<25	ND	<0.1	<0.6	<0.1	<0.1
SB31	20	9/19/2003	<15	<15	<25	ND	<0.1	<0.6	<0.1	<0.1
SB31	30	9/19/2003	<15	<15	<25	ND	<0.1	<0.6	<0.1	<0.1

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Sample Location	Depth	Date	TPHg (C4-C12)	TPHd (C13-C22)	TPHo (C23-C40)	Total TPH (C4-C40)	Benzene	Toluene	Ethylbenzene	Total Xylenes
SB32	5	9/19/2003	<15	57	270	**327**	<0.1	<0.6	<0.1	<0.1
SB32	10	9/19/2003	<15	<15	<25	ND	<0.1	<0.6	<0.1	<0.1
SB32	20	9/19/2003	<15	<15	<25	ND	<0.1	<0.6	<0.1	<0.1
SB34	15	7/26/2004	4,000	5,900	4,400	**14,300**	**2.4**	4.2	4.8	9.7
SB35	10	7/26/2004	3,000	27,000	13,000	**43,000**	**3.4**	<2	5.2	8
SB37	15	7/26/2004	1,300	3,500	2,300	**7,100**	<0.4	<0.4	5.6	1.3
SB37	20	7/26/2004	2,900	9,600	5,300	**17,800**	**0.9**	0.3	18	2.5
SB37	33	7/26/2004	1,300	1,200	770	**3,270**	<2	<2	<2	2.5
SB38	10	7/26/2004	2,200	1,600	930	**4,730**	**5.6**	9.4	4.3	18
SB38	15	7/26/2004	8,200	17,000	7,800	**33,000**	**7.3**	11	7.1	13
SB43	10	7/27/2004	2,400	6,100	5,100	**13,600**	**0.5**	0.7	1.7	6.7
SB45	10	7/27/2004	<20	120	5,100	**5,220**	<0.005	<0.005	<0.005	0.009
SB45	15	7/27/2004	<20	120	5,100	**5,220**	**0.25**	<0.02	0.19	0.14
SB49	14	7/27/2004	210	1,500	1,200	**2,910**	<0.1	<0.1	0.2	<0.1
SB50	5	7/27/2004	4,100	1,400	770	**6,270**	<0.4	1.5	4.7	30
SB50	10	7/27/2004	93	9,200	8,700	**17,993**	<0.1	<0.1	0.3	0.6
SB50	13	7/27/2004	<10	15,000	20,000	**35,000**	0.021	0.011	0.015	0.035
SB53	8	7/28/2004	1,000	3,100	1,200	**5,300**	<0.1	<0.1	<0.1	<0.1
SB55	15	7/28/2004	66	98	33	**197**	<0.1	<0.1	<0.1	1
SB56	5	7/28/2004	<10	1,100	170	**1,270**	0.013	<0.005	0.007	0.009
SB56	10	7/28/2004	<10	640	110	**750**	**0.1**	0.032	0.021	0.049
MW1	10	3/29/2004	<10	<10	<10	ND	<0.005	<0.005	<0.005	<0.005
MW1	20	3/29/2004	<10	<10	<10	ND	<0.005	<0.005	<0.005	<0.005
MW1	30	3/29/2004	<10	<10	<10	ND	<0.005	<0.005	<0.005	<0.005
MW1	40	3/29/2004	<10	<10	<10	ND	<0.005	<0.005	<0.005	<0.005
MW1	50	3/29/2004	<10	<10	<10	ND	<0.005	<0.005	<0.005	<0.005
MW1	60	3/29/2004	<10	<10	<10	ND	<0.005	<0.005	<0.005	<0.005
MW1	70	3/29/2004	<10	<10	<10	ND	<0.005	<0.005	<0.005	<0.005
MW1	80	3/29/2004	<10	<10	<10	ND	<0.005	<0.005	<0.005	<0.005
MW1	85	3/29/2004	<10	<10	<10	ND	<0.005	<0.005	<0.005	<0.005
MW1	90	3/29/2004	<10	<10	<10	ND	<0.005	<0.005	<0.005	<0.005
MW2	10	3/29/2004	<10	250	340	**590**	<0.005	<0.005	<0.005	<0.005
MW2	20	3/29/2004	<10	490	270	**760**	<0.005	<0.005	<0.005	<0.005
MW2	30	3/29/2004	840	12,000	4,500	**17,340**	<0.1	0.3	1.1	2.4
MW2	40	3/30/2004	210	2,300	630	**3,140**	<0.1	0.5	0.9	1.9
MW2	50	3/30/2004	190	6,900	2,100	**9,190**	<0.1	0.9	0.9	2.4
MW2	60	3/30/2004	31	760	190	**981**	<0.1	0.1	<0.1	0.2
MW2	70	3/30/2004	75	2,600	790	**3,465**	<0.1	0.4	0.2	0.6
MW2	75	3/30/2004	<10	1,800	470	**2,270**	<0.005	0.016	0.008	0.02
MW2	80	3/30/2004	63	2,600	710	**3,373**	<0.1	<0.1	<0.1	<0.1
MW2	83	3/30/2004	230	4,400	1,200	**5,830**	<0.1	<0.1	0.2	0.1
MW2	87	3/30/2004	210	1,500	410	**2,120**	<0.1	0.4	0.3	1
MW2	90.5	3/30/2004	69	380	100	**549**	<0.1	<0.1	<0.1	<0.1
MW2	96.5	3/30/2004	<10	80	27	**107**	<0.005	<0.005	<0.005	<0.005
MW3	10	3/31/2004	<10	470	600	**1,070**	<0.005	<0.005	<0.005	<0.005
MW3	20	3/31/2004	<10	12	10	22	<0.005	<0.005	<0.005	<0.005
MW3	30	3/31/2004	<10	<10	<10	ND	<0.005	<0.005	<0.005	<0.005
MW3	50	3/31/2004	<10	<10	<10	ND	<0.005	<0.005	<0.005	<0.005
MW3	65	3/31/2004	<10	<10	<10	ND	<0.005	<0.005	<0.005	<0.005
MW3	75	3/31/2004	<10	<10	<10	ND	<0.005	<0.005	<0.005	<0.005
MW3	81.5	3/31/2004	<10	<10	<10	ND	<0.005	<0.005	<0.005	<0.005
MW3	86.5	3/31/2004	<10	<10	<10	ND	<0.005	<0.005	<0.005	<0.005
MW3	90	3/31/2004	<10	<10	<10	ND	<0.005	<0.005	<0.005	<0.005
MW4	5	3/31/2004	770	18,000	7,700	**26,470**	**0.3**	<0.1	1.3	0.4

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Sample Location	Depth	Date	TPHg (C4-C12)	TPHd (C13-C22)	TPHo (C23-C40)	Total TPH (C4-C40)	Benzene	Toluene	Ethylbenzene	Total Xylenes
MW4	10	3/31/2004	<10	<10	<10	ND	<0.005	<0.005	<0.005	<0.005
MW4	15	3/31/2004	<10	12	12	24	<0.005	<0.005	<0.005	<0.005
MW4	20	3/31/2004	<10	<10	<10	ND	<0.005	<0.005	<0.005	<0.005
MW4	30	4/1/2004	<10	<10	<10	ND	<0.005	<0.005	<0.005	<0.005
MW4	40	4/1/2004	<10	<10	<10	ND	<0.005	<0.005	<0.005	<0.005
MW4	50	4/1/2004	<10	<10	<10	ND	<0.005	<0.005	<0.005	<0.005
MW4	60	4/1/2004	<10	<10	<10	ND	<0.005	<0.005	<0.005	<0.005
MW4	70	4/1/2004	<10	<10	<10	ND	<0.005	<0.005	<0.005	<0.005
MW4	80	4/1/2004	<10	<10	<10	ND	<0.005	<0.005	<0.005	<0.005
MW4	84	4/1/2004	<10	<10	<10	ND	<0.005	<0.005	<0.005	<0.005
MW5	5	4/1/2004	<10	<10	<10	ND	<0.005	<0.005	<0.005	<0.005
MW5	10	4/1/2004	<10	<10	<10	ND	<0.005	<0.005	<0.005	<0.005
MW5	20	4/1/2004	<10	<10	<10	ND	<0.005	<0.005	<0.005	<0.005
MW5	30	4/1/2004	<10	<10	<10	ND	<0.005	<0.005	<0.005	<0.005
MW5	40	4/2/2004	<10	<10	<10	ND	<0.005	<0.005	<0.005	<0.005
MW5	50	4/2/2004	<10	<10	<10	ND	<0.005	<0.005	<0.005	<0.005
MW5	60	4/2/2004	<10	<10	<10	ND	<0.005	<0.005	<0.005	<0.005
MW5	70	4/2/2004	<10	<10	<10	ND	<0.005	<0.005	<0.005	<0.005
MW5	75	4/2/2004	<10	<10	<10	ND	<0.005	<0.005	<0.005	<0.005
MW5	81.5	4/2/2004	<10	<10	<10	ND	<0.005	<0.005	<0.005	<0.005
MW6A	5	6/28/2004	<10	<10	<10	ND	<0.005	<0.005	<0.005	<0.005
MW6A	10	6/28/2004	<10	<10	<10	ND	<0.005	<0.005	<0.005	<0.005
MW6A	40	6/29/2004	<10	<10	<10	ND	<0.005	<0.005	<0.005	<0.005
MW6A	50	6/29/2004	<10	<10	<10	ND	<0.005	<0.005	<0.005	<0.005
MW6A	60	6/29/2004	<10	<10	<10	ND	<0.005	<0.005	<0.005	<0.005
MW6A	70	6/29/2004	<10	<10	<10	ND	<0.005	<0.005	<0.005	<0.005
MW6A	80	6/29/2004	<10	<10	<10	ND	<0.005	<0.005	<0.005	<0.005
MW6A	85	6/29/2004	<10	<10	<10	ND	<0.005	<0.005	<0.005	<0.005
MW6A	90	6/29/2004	<10	<10	<10	ND	<0.005	<0.005	<0.005	<0.005
MW6A	95	6/29/2004	<10	<10	<10	ND	<0.005	<0.005	<0.005	<0.005
MW7	65	6/30/2004	1,400	<10	<10	**1,400**	<0.4	2.4	2	10
MW7	81.5	6/30/2004	590	76	20	**686**	<0.2	<0.2	0.5	2.5
MW7	83	6/30/2004	<10	<10	<10	ND	<0.005	<0.005	<0.005	0.019
MW7	84.5	6/30/2004	<10	<10	<10	ND	<0.005	<0.005	<0.005	<0.005
MW7	86	6/30/2004	<10	<10	<10	ND	<0.005	<0.005	<0.005	<0.005
MW7	90	6/30/2004	<10	<10	<10	ND	<0.005	<0.005	<0.005	<0.005
MW7	93.5	6/30/2004	<10	<10	<10	ND	<0.005	<0.005	<0.005	<0.005
MW7	97	6/30/2004	<10	<10	<10	ND	<0.005	<0.005	<0.005	<0.005
MW7	106.5	6/30/2004	<10	<10	<10	ND	<0.005	<0.005	<0.005	<0.005
MW8	60	6/30/2004	<10	<10	<10	ND	<0.005	<0.005	<0.005	<0.005
MW8	70	7/1/2004	<10	<10	<10	ND	<0.005	<0.005	<0.005	<0.005
MW8	75	7/1/2004	<10	<10	<10	ND	<0.005	<0.005	<0.005	<0.005
MW8	80	7/1/2004	<10	23	<10	23	<0.005	<0.005	<0.005	<0.005
MW8	85	7/1/2004	<10	<10	<10	ND	<0.005	<0.005	<0.005	<0.005
MW8	90	7/1/2004	<10	<10	<10	ND	<0.005	<0.005	<0.005	<0.005
MW8	95	7/1/2004	<10	<10	<10	ND	<0.005	<0.005	<0.005	<0.005
MW8	100	7/1/2004	<10	<10	<10	ND	<0.005	<0.005	<0.005	<0.005
MW9	10	7/1/2004	53	7,100	9,100	**16,253**	<0.1	<0.1	<0.1	0.4
MW9	15	7/1/2004	<10	<10	<10	ND	<0.005	<0.005	<0.005	<0.005
MW9	20	7/1/2004	<10	<10	<10	ND	<0.005	<0.005	<0.005	<0.005
MW9	30	7/1/2004	<10	<10	<10	ND	<0.005	<0.005	<0.005	<0.005
MW9	40	7/1/2004	<10	<10	<10	ND	<0.005	<0.005	<0.005	<0.005
MW9	50	7/1/2004	<10	<10	<10	ND	<0.005	<0.005	<0.005	<0.005
MW9	60	7/1/2004	<10	<10	<10	ND	<0.005	<0.005	<0.005	<0.005

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Sample Location	Depth	Date	TPHg (C4-C12)	TPHd (C13-C22)	TPHo (C23-C40)	Total TPH (C4-C40)	Benzene	Toluene	Ethylbenzene	Total Xylenes
MW9	70	7/1/2004	<10	<10	<10	ND	<0.005	<0.005	<0.005	<0.005
MW9	80	7/2/2004	<10	<10	<10	ND	<0.005	<0.005	<0.005	<0.005
MW9	90	7/2/2004	<10	<10	<10	ND	<0.005	<0.005	<0.005	<0.005
MW9	95	7/2/2004	<10	<10	<10	ND	<0.005	<0.005	<0.005	<0.005
MW9	100	7/2/2004	<10	<10	<10	ND	<0.005	<0.005	<0.005	<0.005
MW10	5	7/6/2004	<10	<10	<10	ND	<0.005	<0.005	<0.005	<0.005
MW10	10	7/6/2004	<10	<10	<10	ND	<0.005	<0.005	<0.005	<0.005
MW10	15	7/6/2004	<10	<10	<10	ND	<0.005	<0.005	<0.005	<0.005
MW10	20	7/6/2004	<10	<10	<10	ND	<0.005	<0.005	<0.005	<0.005
MW10	30	7/6/2004	<10	<10	<10	ND	<0.005	<0.005	<0.005	<0.005
MW10	40	7/6/2004	<10	<10	<10	ND	<0.005	<0.005	<0.005	<0.005
MW10	50	7/6/2004	<10	<10	<10	ND	<0.005	<0.005	<0.005	<0.005
MW10	60	7/6/2004	<10	<10	<10	ND	<0.005	<0.005	<0.005	<0.005
MW10	70	7/6/2004	<10	<10	<10	ND	<0.005	<0.005	<0.005	<0.005
MW10	80	7/6/2004	<10	<10	<10	ND	<0.005	<0.005	<0.005	<0.005
MW10	85	7/6/2004	<10	<10	<10	ND	<0.005	<0.005	<0.005	<0.005
AOCI-TP1	2	1/28/2008	17	250	930	**1,197**	<0.0050	<0.0050	<0.0050	<0.0050
AOCI-TP1	4	1/28/2008	<10	<10	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
AOCI-TP1	15	1/28/2008	13,000	4,800	14,000	**31,800**	**9.5**	**37**	32	63
AOCI-TP2	2	1/29/2008	180	660	500	**1,340**	<0.0050	<0.0050	<0.0050	<0.0050
AOCI-TP2	8	1/29/2008	<10	<10	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
AOCI-TP2	11	1/29/2008	300	590	770	**1,660**	<0.0050	<0.0050	0.0055	0.013
AOCI-TP3	5	1/29/2008	<10	100	270	**370**	<0.0050	<0.0050	<0.0050	<0.0050
AOCI-TP3	10	1/29/2008	<10	130	180	**310**	<0.0050	<0.0050	<0.0050	<0.0050
AOCI-TP3	12	1/29/2008	190	4,600	22,000	**26,790**	0.02	<0.0050	0.021	0.03
AOCI-TP5	2	1/30/2008	<10	86	610	**696**	<0.0050	<0.0050	<0.0050	<0.0050
AOCI-TP5	10	1/30/2008	130	6,500	13,000	**19,630**	0.025	<0.0050	0.039	<0.0050
AOCI-TP5	15	1/30/2008	<10	29	170	**199**	<0.0050	<0.0050	<0.0050	<0.0050
AOCI-TP5	17	1/30/2008	<10	280	380	**660**	<0.0050	<0.0050	<0.0050	<0.0050
AOCI-TP6	10	1/30/2008	690	8,400	11,000	**20,090**	**0.27**	0.62	0.28	1
AOCI-TP6	14	1/30/2008	<10	14	<50	14	<0.0050	<0.0050	<0.0050	<0.0050
AOCI-TP6	18	1/30/2008	170	1,500	3,400	**5,070**	<0.0050	<0.0050	0.026	0.017
AOCI-TP7	10	1/30/2008	2,700	1,800	1,700	**6,200**	**1.4**	1.7	1.5	4.5
AOCI-TP8	8	1/30/2008	<10	<10	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
AOCI-TP8	12	1/30/2008	800	6,100	6,800	**13,700**	**0.34**	0.14	0.46	0.45
AOCI-TP9	4	1/31/2008	<10	25	95	**120**	<0.0050	<0.0050	<0.0050	<0.0050
AOCI-TP9	14	1/31/2008	82	760	1,900	**2,742**	<0.0050	<0.0050	<0.0050	<0.0050
AOCI-TP9	15	1/31/2008	380	690	710	**1,780**	0.027	<0.025	0.065	0.087
AOCI-TP10	10	1/31/2008	200	110	79	**389**	<0.0050	<0.0050	<0.0050	<0.0050
AOCI-TP10	19	1/31/2008	210	150	120	**480**	<0.0050	<0.0050	<0.0050	<0.0050
MW8	110	7/18/2008	<0.50	<10	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
MW8	110.5	7/18/2008	<0.50	<10	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
MW8	111	7/18/2008	<0.50	<10	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
MW8	111.5	7/18/2008	<0.50	<10	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
QA-SB/TP17	3	12/1/2008	16	<10	<50	16	<0.0050	<0.0050	<0.0050	<0.0050
QA-SB/TP17	10	12/4/2008	<10	<10	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
QA-SB/TP17	15	12/4/2008	<10	<10	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
QA-SB/TP17	20	12/4/2008	<10	<10	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
QA-SB/TP17	25	12/4/2008	<10	<10	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
QA-SB/TP18	5	12/1/2008	<10	<10	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
QA-SB/TP18	10	12/5/2008	<10	<10	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
QA-SB/TP18	15	12/5/2008	<10	<10	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
QA-SB/TP19	5	12/1/2008	<10	<10	<50	ND	0.0012J	<0.0050	<0.0050	<0.0050
QA-SB/TP19	10	12/5/2008	<10	<10	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050

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Sample Location	Depth	Date	TPHg (C4-C12)	TPHd (C13-C22)	TPHo (C23-C40)	Total TPH (C4-C40)	Benzene	Toluene	Ethylbenzene	Total Xylenes
QA-SB/TP19	15	12/5/2008	<10	<10	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
QA-SB/TP20	5	12/1/2008	<10	<10	<50	ND	0.0012J	<0.0050	<0.0050	<0.0050
QA-SB/TP20	10	12/5/2008	<10	4.1J	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
QA-SB/TP20	15	12/5/2008	<10	<10	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
QA-SB/TP21	5	12/1/2008	<10	<10	<50	ND	0.0011J	<0.0050	<0.0050	<0.0050
QA-SB/TP21	10	12/5/2008	<10	<10	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
QA-SB/TP21	15	12/5/2008	<10	<10	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
QA-SB/TP22	5	12/1/2008	<10	<10	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
QA-SB/TP22	10	12/4/2008	<10	<10	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
QA-SB/TP22	15	12/4/2008	<10	<10	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
QA-SB/TP22	20	12/4/2008	<10	<10	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
QA-SB/TP22	25	12/4/2008	<10	<10	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
QA-SB/TP24	2	11/19/2008	<10	<10	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
QA-SB/TP24	5	11/19/2008	<10	<10	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
QA-SB/TP24	10	12/3/2008	<10	<10	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
QA-SB/TP24	15	12/3/2008	<10	<10	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
QA-SB/TP24	20	12/3/2008	<10	<10	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
QA-SB/TP24	25	12/3/2008	<10	<10	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
QA-SB/TP25	5	11/19/2008	<10	<10	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
QA-SB/TP26	2	11/19/2008	<10	<10	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
QA-SB/TP26	5	11/19/2008	<10	<10	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
QA-SB/TP26	10	12/3/2008	<10	<10	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
QA-SB/TP26	15	12/3/2008	<10	3.8J	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
QA-SB/TP26	20	12/3/2008	<10	<10	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
QA-SB/TP26	25	12/3/2008	<10	2.9J	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
QA-SB/TP27	5	11/17/2008	<10	<10	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
QA-SB/TP27	10	11/19/2008	<10	4.2J	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
QA-SB/TP27	15	11/19/2008	<10	4.0J	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
QA-SB/TP27	20	11/19/2008	<10	<10	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
QA-SB/TP27	25	11/19/2008	<10	3.2J	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
QA-SB/TP28	5	11/17/2008	<10	<10	27J	ND	<0.0050	<0.0050	<0.0050	<0.0050
QA-SB/TP28	10	11/18/2008	<10	3.0J	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
QA-SB/TP28	15	11/18/2008	<10	<10	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
QA-SB/TP28	20	11/18/2008	<10	<10	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
QA-SB/TP29	5	11/17/2008	<10	<10	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
QA-SB/TP29	10	11/18/2008	<10	<10	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
QA-SB/TP29	15	11/18/2008	<10	<10	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
QA-SB/TP30	5	11/17/2008	<10	<10	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
QA-SB/TP30	10	12/3/2008	<10	4.5J	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
QA-SB/TP30	15	12/3/2008	<10	10	<50	10	<0.0050	<0.0050	<0.0050	<0.0050
QA-SB/TP30	20	12/3/2008	<10	<10	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
QA-SB/TP31	5	11/17/2008	<10	<10	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
QA-SB/TP31	10	11/19/2008	<10	<10	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
QA-SB/TP31	15	11/19/2008	<10	<10	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
QA-SB/TP31	20	11/19/2008	<10	3.6J	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
QA-SB/TP31	25	11/19/2008	<10	<10	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
QA-SB/TP32	5	11/17/2008	<10	<10	<50	ND	<0.0050	0.0036J	<0.0050	<0.0050
QA-SB/TP32	10	12/5/2008	<10	<10	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
QA-SB/TP32	15	12/5/2008	<10	<10	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
QA-SB/TP32	20	12/5/2008	<10	<10	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
QA-SB/TP33	1.5	11/20/2008	<10	180	620	**800**	<0.0050	<0.0050	<0.0050	<0.0050
QA-SB/TP33	5	11/20/2008	<10	<10	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
QA-SB/TP33	10	12/3/2008	<10	<10	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
QA-SB/TP33	15	12/3/2008	<10	<10	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050

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Sample Location	Depth	Date	TPHg (C4-C12)	TPHd (C13-C22)	TPHo (C23-C40)	Total TPH (C4-C40)	Benzene	Toluene	Ethylbenzene	Total Xylenes
QA-SB/TP33	20	12/3/2008	<10	4.0J	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
QA-SB/TP33	25	12/3/2008	<10	<10	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
QA-SB/TP34	1.5	11/20/2008	3.4J	530	740	**1,270**	<0.0050	<0.0050	<0.0050	<0.0050
QA-SB/TP34	5	11/20/2008	<10	<10	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
QA-SB/TP34	10	12/3/2008	<10	<10	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
QA-SB/TP34	15	12/3/2008	<10	<10	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
QA-SB/TP34	20	12/3/2008	<10	<10	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
QA-SB/TP34	25	12/3/2008	<10	41	79	**120**	<0.0050	<0.0050	<0.0050	<0.0050
QA-SB/TP35	5	11/20/2008	<10	<10	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
QA-SB/TP35	10	12/3/2008	<10	<10	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
QA-SB/TP35	15	12/3/2008	<10	<10	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
QA-SB/TP35	20	12/3/2008	<10	<10	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
QA-SB/TP35	25	12/3/2008	<10	<10	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
QA-SB/TP36	4	11/20/2008	<10	370	2,400	**2,770**	<0.0050	<0.0050	<0.0050	<0.0050
QA-SB/TP36	5	11/20/2008	<10	<10	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
QA-SB/TP36	10	12/5/2008	<10	<10	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
QA-SB/TP36	15	12/5/2008	<10	<10	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
QA-SB/TP38	2	12/2/2008	25	4,800	39,000	**43,825**	0.044	0.035	0.025	0.093
QA-SB/TP38	5	12/2/2008	<10	<10	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
QA-SB/TP38	10	12/9/2008	<10	9.6J	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
QA-SB/TP38	15	12/9/2008	68	<10	<50	68	<0.0050	<0.0050	<0.0050	<0.0050
QA-SB/TP39	5	12/2/2008	<10	<10	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
QA-SB/TP39	10	12/9/2008	<10	6.9J	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
QA-SB/TP39	15	12/9/2008	<10	<10	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
QA-SB/TP40	5	12/2/2008	<10	<10	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
QA-SB/TP40	10	12/9/2008	<10	3.6J	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
QA-SB/TP40	15	12/9/2008	<10	5.8J	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
QA-SB/TP41	5	12/2/2008	<10	<10	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
QA-SB/TP41	10	12/9/2008	<10	<10	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
QA-SB/TP41	15	12/9/2008	<10	<10	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
QA-SB/TP42	5	12/2/2008	<10	<10	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
QA-SB/TP42	10	12/9/2008	<10	4.6J	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
QA-SB/TP42	15	12/9/2008	<10	4.0J	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
QA-SB/TP43	5	12/1/2008	<10	<10	<50	ND	0.0011J	<0.0050	<0.0050	<0.0050
QA-SB/TP43	10	12/5/2008	<10	6.5J	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
QA-SB/TP43	15	12/5/2008	<10	<10	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
QA-SB/TP44	5	12/1/2008	<10	<10	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
QA-SB/TP44	10	12/5/2008	<10	<10	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
QA-SB/TP44	15	12/5/2008	<10	<10	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
QA-SB/TP45	5	12/1/2008	<10	<10	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
QA-SB/TP45	10	12/5/2008	<10	<10	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
QA-SB/TP45	15	12/5/2008	<10	<10	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
QA-SB1	2	11/17/2008	2,100	5,800	4,100	**12,000**	<0.25	0.12J	0.95	1.8
QA-SB1	5	11/17/2008	<10	<10	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
QA-SB1	10	11/17/2008	<10	<10	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
QA-SB1	15	11/17/2008	<10	<10	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
QA-SB1	20	11/17/2008	<10	<10	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
QA-SB1	25	11/17/2008	<10	<10	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
QA-SB2	3.5	11/17/2008	2,400	17,000	11,000	**30,400**	**0.42**	0.38	4.8	5.4
QA-SB2	10	11/17/2008	<10	<10	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
QA-SB2	15	11/17/2008	<10	<10	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
QA-SB2	20	11/17/2008	<10	5.5J	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
QA-SB2	25	11/17/2008	<10	5.9J	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
QA-SB2	30	11/17/2008	<10	<10	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050

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Sample Location	Depth	Date	TPHg (C4-C12)	TPHd (C13-C22)	TPHo (C23-C40)	Total TPH (C4-C40)	Benzene	Toluene	Ethylbenzene	Total Xylenes
QA-SB3	5	11/17/2008	640	11,000	16,000	**27,640**	**0.16**	0.11B, J	3.8	1.6B
QA-SB3	10	11/17/2008	1,900	78	240	**2,218**	<0.50	<0.50	3.4	2.4B
QA-SB3	15	11/17/2008	<10	11	12J	11	<0.0050	<0.0050	<0.0050	<0.0050
QA-SB3	20	11/17/2008	<10	<10	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
QA-SB3	25	11/17/2008	<10	5.0J	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
QA-SB3	30	11/17/2008	<10	3.8J	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
QA-SB4	5	11/17/2008	<10	<10	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
QA-SB4	10	11/17/2008	<10	<10	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
QA-SB4	15	11/17/2008	<10	<10	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
QA-SB4	20	11/17/2008	<10	<10	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
QA-SB5	5	11/17/2008	<10	<10	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
QA-SB5	10	11/17/2008	<10	<10	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
QA-SB5	15	11/17/2008	<10	4.0J	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
QA-SB5	20	11/17/2008	<10	<10	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
QA-SB6	5	11/18/2008	<10	<10	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
QA-SB6	10	11/18/2008	<10	<10	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
QA-SB6	15	11/18/2008	<10	4.0J	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
QA-SB6	20	11/18/2008	<10	<10	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
QA-SB7	5	11/17/2008	<10	<10	17J	ND	<0.0050	<0.0050	<0.0050	<0.0050
QA-SB7	10	11/17/2008	<10	<10	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
QA-SB7	15	11/17/2008	<10	<10	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
QA-SB7	20	11/17/2008	<10	<10	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
QA-SB8	5	11/17/2008	<10	<10	<50	ND	<0.0050	<0.0050	<0.0050	0.0058
QA-SB8	10	11/17/2008	<10	2.9J	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
QA-SB8	15	11/17/2008	<10	3.5J	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
QA-SB8	20	11/17/2008	<10	<10	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
QA-SB9	5	11/18/2008	<10	<10	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
QA-SB9	10	11/18/2008	<10	4.7J	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
QA-SB9	15	11/18/2008	<10	3.8J	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
QA-SB9	20	11/18/2008	<10	<10	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
QA-SB10	5	11/18/2008	<10	<10	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
QA-SB10	10	11/18/2008	<10	2.8J	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
QA-SB10	15	11/18/2008	<10	5.2J	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
QA-SB10	20	11/18/2008	<10	<10	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
QA-SB10	25	11/18/2008	<10	<10	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
QA-SB11	5	11/18/2008	<10	<10	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
QA-SB11	10	11/18/2008	<10	<10	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
QA-SB11	15	11/18/2008	<10	<10	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
QA-SB11	20	11/18/2008	<10	<10	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
QA-SB12	5	11/19/2008	<10	28	140	**168**	<0.0050	<0.0050	<0.0050	<0.0050
QA-SB12	8	11/19/2008	<10	340	1,100	**1,440**	<0.0050	<0.0050	<0.0050	<0.0050
QA-SB12	10	11/19/2008	<10	4.3J	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
QA-SB12	15	11/19/2008	<10	3.0J	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
QA-SB12	20	11/19/2008	<10	<10	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
QA-SB12	25	11/19/2008	<10	2.7J	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
QA-SB12	30	11/19/2008	<10	<10	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
QA-SB13	5	11/18/2008	<10	<10	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
QA-SB13	10	11/18/2008	<10	<10	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
QA-SB13	15	11/18/2008	<10	<10	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
QA-SB13	20	11/18/2008	<10	3.0J	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
QA-SB14	5	11/18/2008	<10	<10	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
QA-SB14	10	11/18/2008	<10	<10	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
QA-SB14	15	11/18/2008	<10	<10	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
QA-SB14	20	11/18/2008	<10	<10	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050

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Sample Location	Depth	Date	TPHg (C4-C12)	TPHd (C13-C22)	TPHo (C23-C40)	Total TPH (C4-C40)	Benzene	Toluene	Ethylbenzene	Total Xylenes
QA-SB14	21	11/18/2008	<10	<10	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
QA-SB15	5	11/18/2008	<10	<10	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
QA-SB15	10	11/18/2008	<10	3.0J	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
QA-SB15	15	11/18/2008	<10	<10	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
QA-SB15	20	11/18/2008	<10	<10	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
QA-SB16	5	11/18/2008	<10	<10	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
QA-SB16	10	11/18/2008	<10	<10	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
QA-SB16	15	11/18/2008	<10	2.8J	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
QA-SB16	20	11/18/2008	<10	<10	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
QA-SB23	12	11/18/2008	610	5.1J	56	**666**	<0.0050	<0.0050	<0.0050	<0.0050
QA-SB23	15	11/18/2008	<10	3.2J	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
QA-SB23	20	11/18/2008	<10	4.5J	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
QA-SB23	25	11/18/2008	<10	2.7J	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
QA-SB23	30	11/18/2008	<10	<10	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
QA-SB25	5	12/9/2008	<10	<10	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
QA-SB25	10	12/9/2008	<10	<10	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
QA-SB25	15	12/9/2008	<10	7.3J	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
QA-SB29	20	11/18/2008	<10	<10	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
QA-SB37	5	12/1/2008	1,900	5,700	6,700	**14,300**	0.041	0.035	0.36	0.54
QA-SB37	10	12/1/2008	<10	5.2J	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
QA-SB37	15	12/1/2008	<10	<10	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
QA-SB37	20	12/1/2008	3,900	<10	<50	**3,900**	<0.0050	<0.0050	<0.0050	<0.0050
QA-SB37	25	12/1/2008	<10	<10	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
QA-SB37	30	12/1/2008	<10	<10	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
QA-TP1	3	11/11/2008	<10	140	620	**760**	<0.0050	<0.0050	<0.0050	<0.0050
QA-TP1	8	11/11/2008	<10	6.9J	25J	ND	<0.0050	<0.0050	<0.0050	<0.0050
QA-TP2	2.5	11/11/2008	2.2J	2,000	3,500	**5,500**	<0.0050	<0.0050	<0.0050	<0.0050
QA-TP2	4	11/11/2008	<10	5.0J	22J	ND	<0.0050	<0.0050	<0.0050	<0.0050
QA-TP2	10	11/11/2008	<10	<10	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
QA-TP3	5	11/11/2008	<10	<10	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
QA-TP4	4	11/12/2008	<10	700	2,200	**2,900**	<0.0050	<0.0050	<0.0050	<0.0050
QA-TP4	8	11/12/2008	<10	<10	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
QA-TP5	8	11/12/2008	<10	<10	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
QA-TP6	8	11/12/2008	<10	<10	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
QA-TP7	3	11/12/2008	2.7J	160	740	**900**	<0.0050	<0.0050	<0.0050	<0.0050
QA-TP7	10	11/12/2008	<10	<10	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
QA-TP8	4	11/12/2008	<10	5.6J	40J	ND	<0.0050	<0.0050	<0.0050	<0.0050
QA-TP8	8	11/12/2008	<10	<10	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
QA-TP8	10	11/12/2008	<10	<10	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
QA-TP9	3	11/12/2008	<10	18	110	**128**	<0.0050	<0.0050	<0.0050	<0.0050
QA-TP9	10	11/12/2008	2.9J	<10	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
QA-TP10	3	11/12/2008	1,800	11,000	7,300	**20,100**	0.16J	0.18J	1.4	1.2
QA-TP10	10	11/12/2008	<10	<10	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
QA-TP11	10	11/12/2008	<10	<10	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
QA-TP12	3	11/12/2008	2.2J	640	2,200	**2,840**	<0.0050	<0.0050	<0.0050	<0.0050
QA-TP12	6	11/12/2008	<10	710	1,900	**2,610**	<0.0050	<0.0050	<0.0050	<0.0050
QA-TP12	10	11/12/2008	<10	98	200	**298**	<0.0050	<0.0050	<0.0050	<0.0050
QA-TP13	3	11/14/2008	<10	190	670	**860**	<0.0050	<0.0050	<0.0050	<0.0050
QA-TP13	6	11/14/2008	<10	350	880	**1,230**	<0.0050	<0.0050	<0.0050	<0.0050
QA-TP13	10	11/14/2008	62	6,000	5,900	**11,962**	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP1	2.5	11/19/2008	<10	400	910	**1,310**	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP1	5	11/19/2008	<10	<10	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP1	10	11/21/2008	<10	<10	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP1	15	11/21/2008	<10	<10	17J	ND	<0.0050	<0.0050	<0.0050	<0.0050

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Sample Location	Depth	Date	TPHg (C4-C12)	TPHd (C13-C22)	TPHo (C23-C40)	Total TPH (C4-C40)	Benzene	Toluene	Ethylbenzene	Total Xylenes
QB-SB/TP1	20	11/21/2008	<10	<10	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP1	25	11/21/2008	<10	<10	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP2	5	11/18/2008	<10	<10	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP2	10	11/20/2008	<10	4.0J	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP2	15	11/20/2008	<10	<10	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP2	20	11/20/2008	<10	5.2J	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP2	25	11/20/2008	<10	<10	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP3	5	11/18/2008	<10	<10	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP3	10	11/20/2008	<10	4.5J	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP3	15	11/20/2008	<10	<10	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP3	20	11/20/2008	<10	32	10J	32	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP4	5	11/17/2008	<10	<10	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP4	10	11/20/2008	<10	9.6J	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP4	15	11/20/2008	<10	3.1J	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP4	20	11/20/2008	<10	<10	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP5	5	11/17/2008	<10	<10	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP5	10	11/20/2008	<10	7.9J	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP5	15	11/20/2008	<10	6.5J	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP5	20	11/20/2008	<10	2.9J	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP6	5	11/17/2008	<10	<10	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP6	10	11/20/2008	<10	5.9J	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP6	15	11/20/2008	<10	6.5J	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP6	20	11/20/2008	<10	3.3J	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP6	25	11/20/2008	<10	4.8J	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP7	5	11/17/2008	<10	<10	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP7	10	11/21/2008	<10	7.9J	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP7	15	11/21/2008	<10	2.7J	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP7	20	11/21/2008	<10	5.1J	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP8	5	11/17/2008	<10	<10	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP8	10	11/19/2008	<10	<10	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP8	15	11/19/2008	<10	3.2J	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP8	20	11/19/2008	<10	<10	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP9	5	11/17/2008	<10	<10	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP9	10	11/19/2008	<10	6.1J	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP9	15	11/19/2008	<10	<10	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP9	20	11/19/2008	<10	4.2J	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP10	5	11/18/2008	<10	<10	<50	ND	<0.0050	0.0031J	<0.0050	<0.0050
QB-SB/TP10	10	11/19/2008	<10	6.9J	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP10	15	11/19/2008	<10	6.7J	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP10	20	11/19/2008	<10	6.2J	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP11	3	11/19/2008	<10	94	200	**294**	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP11	5	11/19/2008	<10	14	80	94	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP11	10	11/21/2008	<10	<10	<50	ND	<0.0050	0.0020J	<0.0050	0.0026J
QB-SB/TP11	15	11/21/2008	<10	<10	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP11	20	11/21/2008	<10	8.9J	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP12	5	11/18/2008	<10	<10	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP12	10	11/24/2008	<10	13	<50	13	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP12	15	11/24/2008	<10	<10	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP12	20	11/24/2008	<10	<10	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP12	25	11/24/2008	<10	<10	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP13	5	11/18/2008	<10	<10	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP13	10	11/24/2008	<10	4.4J	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP13	15	11/24/2008	<10	2.7J	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP13	20	11/24/2008	<10	4.3J	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050

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Sample Location	Depth	Date	TPHg (C4-C12)	TPHd (C13-C22)	TPHo (C23-C40)	Total TPH (C4-C40)	Benzene	Toluene	Ethylbenzene	Total Xylenes
QB-SB/TP13	25	11/24/2008	<10	<10	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP14	5	11/18/2008	<10	100	800	**900**	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP14	10	11/21/2008	<10	<10	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP14	15	11/21/2008	<10	2.7J	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP14	20	11/21/2008	<10	<10	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP14	25	11/21/2008	<10	3.6J	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP15	1	11/18/2008	<10	5,700	30,000	**35,700**	0.0021J	0.0024J	<0.0050	0.0031J
QB-SB/TP15	5	11/18/2008	<10	<10	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP15	10	11/21/2008	<10	<10	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP15	15	11/21/2008	<10	<10	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP15	20	11/21/2008	<10	2.9J	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP15	25	11/21/2008	<10	<10	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP16	3.5	11/19/2008	<10	<10	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP16	5	11/19/2008	<10	<10	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP16	10	12/1/2008	3.5J	<10	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP16	15	12/1/2008	<10	<10	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP16	20	12/1/2008	<10	<10	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP16	25	12/1/2008	<10	3.0J	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP17	3.5	11/19/2008	<10	<10	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP17	5	11/19/2008	<10	<10	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP17	10	11/24/2008	4.3J	<10	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP17	15	11/24/2008	<10	<10	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP17	20	11/24/2008	<10	4.5J	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP17	25	11/24/2008	<10	6.0J	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP18	4	11/19/2008	<10	5.2J	12J	ND	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP18	5	11/19/2008	<10	5.9J	59	59	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP18	10	12/1/2008	<10	<10	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP18	15	12/1/2008	<10	<10	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP18	20	12/1/2008	<10	<10	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP18	25	12/1/2008	<10	3.2J	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP19	3.5	11/19/2008	<10	340	12,000	**12,340**	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP19	5	11/19/2008	<10	<10	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP19	10	11/25/2008	<10	<10	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP19	15	11/25/2008	<10	<10	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP19	20	11/25/2008	<10	<10	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP19	25	11/25/2008	<10	<10	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP20	1	11/18/2008	<10	<10	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP20	3	11/18/2008	<10	66	1,100	**1,166**	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP20	5	11/18/2008	<10	<10	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP20	10	11/25/2008	<10	<10	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP20	15	11/25/2008	<10	<10	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP20	20	11/25/2008	<10	<10	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP20	25	11/25/2008	<10	<10	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP21	5	11/18/2008	<10	<10	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP21	10	11/24/2008	<10	4.3J	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP21	15	11/24/2008	<10	3.1J	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP21	20	11/24/2008	<10	5.8J	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP21	25	11/24/2008	<10	4.1J	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP22	1	11/18/2008	<10	470	3,100	**3,570**	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP22	5	11/18/2008	<10	<10	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP22	10	11/24/2008	<10	<10	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP22	15	11/24/2008	<10	<10	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP22	20	11/24/2008	<10	<10	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP22	25	11/24/2008	<10	5.2J	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050

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Sample Location	Depth	Date	TPHg (C4-C12)	TPHd (C13-C22)	TPHo (C23-C40)	Total TPH (C4-C40)	Benzene	Toluene	Ethylbenzene	Total Xylenes
QB-SB/TP23	5	11/19/2008	<10	<10	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP23	10	11/24/2008	3.6J	<10	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP23	15	11/24/2008	3.2J	<10	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP23	20	11/24/2008	<10	3.2J	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP23	25	11/24/2008	<10	<10	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP24	5	11/19/2008	<10	<10	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP24	10	11/25/2008	<10	7.6J	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP24	15	11/25/2008	<10	<10	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP24	20	11/25/2008	<10	6.4J	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP24	25	11/25/2008	<10	5.8J	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP25	5	11/18/2008	<10	<10	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP25	10	11/21/2008	<10	<10	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP25	15	11/21/2008	<10	<10	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP25	20	11/21/2008	<10	<10	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP25	25	11/21/2008	<10	7.2J	14J	ND	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP26	5	11/17/2008	<10	<10	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP26	10	11/19/2008	<10	3.2J	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP26	15	11/19/2008	<10	3.2J	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP26	20	11/19/2008	<10	3.6J	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP26	25	11/19/2008	<10	3.7J	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP27	5	11/17/2008	<10	<10	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP27	10	11/19/2008	<10	<10	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP27	15	11/19/2008	<10	4.2J	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP27	20	11/19/2008	<10	3.4J	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP27	25	11/19/2008	<10	<10	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP34	5	11/21/2008	<10	190	440	**630**	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP34	7.5	11/21/2008	<10	7.3J	45J	ND	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP34	10	11/24/2008	<10	<10	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP34	15	11/24/2008	<10	<10	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP34	20	11/24/2008	<10	<10	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP35	1	11/21/2008	<10	1,900	16,000	**17,900**	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP35	5	11/21/2008	<10	530	1,600	**2,130**	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP35	10	11/24/2008	<10	<10	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP35	15	11/24/2008	<10	<10	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP35	20	11/24/2008	<10	<10	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP35	25	11/24/2008	<10	2.9J	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP36	2	11/21/2008	<10	2,600	17,000	**19,600**	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP36	5	11/21/2008	<10	<10	23J	ND	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP36	10	11/24/2008	<10	<10	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP36	15	11/24/2008	<10	<10	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP36	20	11/24/2008	<10	<10	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP36	25	11/24/2008	<10	<10	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP37	2.5	11/21/2008	<10	5,100	94,000	**99,100**	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP37	5	11/21/2008	810	23,000	16,000	**39,810**	**0.28**	0.35	1.6	5.2
QB-SB/TP37	10	11/24/2008	<10	<10	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP37	15	11/24/2008	<10	<10	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP37	20	11/24/2008	<10	<10	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP37	25	11/24/2008	<10	4.1J	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP38	5	11/21/2008	12	48,000	33,000	**81,012**	<0.025	0.0052J	<0.025	<0.025
QB-SB/TP38	6	11/21/2008	<10	<10	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP38	10	11/24/2008	<10	<10	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP38	15	11/24/2008	<10	<10	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP38	20	11/24/2008	<10	<10	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP38	25	11/24/2008	<10	<10	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050

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Sample Location	Depth	Date	TPHg (C4-C12)	TPHd (C13-C22)	TPHo (C23-C40)	Total TPH (C4-C40)	Benzene	Toluene	Ethylbenzene	Total Xylenes
QB-SB/TP39	0.5	11/21/2008	<10	<10	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP39	5	11/21/2008	<10	1,200	2,300	**3,500**	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP39	10	11/24/2008	<10	<10	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP39	15	11/24/2008	<10	<10	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP40	1	11/21/2008	130	4,400	5,800	**10,330**	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP40	5	11/21/2008	<10	36,000	7,600	**43,600**	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP40	10	11/21/2008	<10	<10	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP40	15	11/21/2008	<10	3.3J	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP40	20	11/21/2008	<10	2.7J	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP40	25	11/21/2008	<10	<10	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP41	1.5	11/21/2008	140	11,000	33,000	**44,140**	<0.025	0.011J	0.03	0.054
QB-SB/TP41	5	11/21/2008	<10	<10	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP41	10	11/25/2008	<10	<10	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP41	15	11/25/2008	<10	4.7J	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP41	20	11/25/2008	<10	<10	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP41	25	11/25/2008	<10	<10	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP42	1.5	11/20/2008	<10	580	1,700	**2,280**	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP42	5	11/20/2008	<10	<10	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP42	10	11/20/2008	<10	4.8J	17J	ND	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP42	15	11/20/2008	<10	3.1J	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP42	20	11/20/2008	<10	11	22J	11	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP42	25	11/20/2008	<10	<10	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP43	2	11/20/2008	<10	300	860	**1,160**	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP43	5	11/20/2008	<10	1,500	2,100	**3,600**	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP43	10	11/21/2008	<10	3.1J	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP43	15	11/21/2008	<10	3.3J	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP43	20	11/21/2008	<10	5.5J	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP43	25	11/21/2008	<10	3.2J	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP44	5	11/20/2008	<10	<10	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP44	7.5	11/20/2008	<10	<10	7.6J	ND	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP44	10	11/21/2008	<10	2.8J	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP44	15	11/21/2008	<10	<10	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP44	20	11/21/2008	<10	<10	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP44	25	11/21/2008	<10	<10	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP45	1.5	11/20/2008	<10	1,800	31,000	**32,800**	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP45	5	11/20/2008	<10	<10	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP45	10	11/21/2008	<10	2.8J	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP45	15	11/21/2008	<10	3.1J	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP45	20	11/21/2008	<10	3.1J	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP45	25	11/21/2008	<10	3.1J	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP46	1.5	11/20/2008	<10	63	390	**453**	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP46	5	11/20/2008	<10	<10	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP46	10	11/21/2008	<10	2.7J	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP46	15	11/21/2008	<10	<10	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP46	20	11/21/2008	<10	4.0J	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP46	25	11/21/2008	<10	3.4J	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP47	2	11/24/2008	<10	<10	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP47	4.5	11/24/2008	<10	<10	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP47	10	11/25/2008	<10	<10	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP47	15	11/25/2008	<10	<10	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP47	20	11/25/2008	<10	<10	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP48	2	11/24/2008	<10	<10	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP48	5	11/24/2008	<10	<10	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP48	10	12/2/2008	<10	<10	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050

Table 1
Soil Analytical Results - Total Petroleum Hydrocarbons and BTEX
Former Orcutt Refinery
1550 West Stowell Road
Santa Maria, California

Sample Location	Depth	Date	TPHg (C4-C12)	TPHd (C13-C22)	TPHo (C23-C40)	Total TPH (C4-C40)	Benzene	Toluene	Ethylbenzene	Total Xylenes
QB-SB/TP48	15	12/2/2008	<10	<10	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP48	20	12/2/2008	<10	3.1J	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP49	5	11/24/2008	<10	<10	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP49	10	11/25/2008	<10	<10	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP49	15	11/25/2008	<10	<10	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP49	20	11/25/2008	<10	<10	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP50	5	11/24/2008	<10	<10	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP50	10	12/2/2008	<10	<10	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP50	15	12/2/2008	<10	<10	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP50	20	12/2/2008	<10	<10	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP51	5	11/24/2008	<10	<10	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP51	10	11/25/2008	<10	<10	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP51	15	11/25/2008	<10	<10	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP51	20	11/25/2008	<10	<10	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP52	2	11/24/2008	<10	<10	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP52	5	11/24/2008	<10	<10	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP52	10	12/2/2008	<10	<10	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP52	15	12/2/2008	<10	<10	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP52	20	12/2/2008	<10	<10	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP52	25	12/2/2008	18	<10	<50	18	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP53	2	11/25/2008	<10	540	620	**1,160**	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP53	5	11/25/2008	<10	650	700	**1,350**	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP53	7.5	12/2/2008	<10	3,000	4,800	**7,800**	<0.0050	0.00056J	<0.0050	<0.0050
QB-SB/TP53	10	12/2/2008	<10	1,200	4,000	**5,200**	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP53	15	12/2/2008	<10	3.1J	26J	ND	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP53	20	12/2/2008	<10	51	210	**261**	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP53	25	12/2/2008	<10	<10	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP53	30	12/2/2008	<10	<10	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP53	35	12/2/2008	<10	<10	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP54	1	11/25/2008	5.1J	490	2,000	**2,490**	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP54	5	11/25/2008	<10	1,000	980	**1,980**	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP54	8.5	12/1/2008	<10	<10	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP54	10	12/1/2008	<10	<10	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP54	15	12/1/2008	<10	<10	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP54	20	12/1/2008	<10	<10	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP54	25	12/1/2008	<10	<10	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP54	30	12/1/2008	<10	<10	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP55	1.5	11/24/2008	<10	82	620	**702**	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP55	5	11/24/2008	<100	<10	8.4J	ND	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP55	10	12/1/2008	<10	4.9J	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP55	15	12/1/2008	<10	<10	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP55	20	12/1/2008	<10	<10	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP55	25	12/1/2008	<10	<10	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP56	1	11/25/2008	<10	17,000	94,000	**111,000**	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP56	5	11/25/2008	<10	<10	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP56	10	12/1/2008	<10	<10	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP56	15	12/1/2008	<10	<10	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP56	20	12/1/2008	<10	<10	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP56	25	12/1/2008	<10	<10	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP57	1	11/25/2008	<10	200	760	**960**	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP57	5	11/25/2008	<10	<10	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP57	10	12/2/2008	<10	<10	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP57	15	12/2/2008	<10	<10	<50	ND	0.0011J	<0.0050	<0.0050	<0.0050
QB-SB/TP57	20	12/2/2008	<10	<10	<50	ND	0.0012J	0.00076J	<0.0050	<0.0050

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Soil Analytical Results - Total Petroleum Hydrocarbons and BTEX
Former Orcutt Refinery
1550 West Stowell Road
Santa Maria, California

Sample Location	Depth	Date	TPHg (C4-C12)	TPHd (C13-C22)	TPHo (C23-C40)	Total TPH (C4-C40)	Benzene	Toluene	Ethylbenzene	Total Xylenes
QB-SB/TP57	25	12/2/2008	<10	<10	<50	ND	0.0011J	<0.0050	<0.0050	<0.0050
QB-SB/TP58	5	11/24/2008	<100	<10	9.4J	ND	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP58	10	12/1/2008	<10	<10	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP58	15	12/1/2008	<10	<10	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP58	20	12/1/2008	<10	<10	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP59	0.5	11/24/2008	27	13,000	33,000	**46,027**	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP59	5	11/24/2008	<10	<10	24J	ND	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP59	10	12/1/2008	<10	<10	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP59	15	12/1/2008	<10	<10	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP59	20	12/1/2008	<10	2.8J	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP59	25	12/1/2008	<10	<10	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP60	5	11/25/2008	<10	<10	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP60	10	12/2/2008	<10	<10	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP60	15	12/2/2008	<10	<10	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP60	20	12/2/2008	<10	<10	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP61	5	11/25/2008	<10	<10	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP61	10	12/3/2008	<10	<10	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP61	15	12/3/2008	<10	<10	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP61	20	12/3/2008	<10	<10	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP61	25	12/3/2008	<10	<10	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP62	5	11/25/2008	<10	<10	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP62	10	12/3/2008	<10	<10	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP62	15	12/3/2008	<10	<10	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP62	20	12/3/2008	<10	<10	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP63	5	11/25/2008	<10	<10	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP63	10	12/3/2008	<10	<10	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP63	15	12/3/2008	<10	<10	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP63	20	12/3/2008	<10	<10	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP69	5	12/1/2008	<15	<10	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP69	10	12/8/2008	<10	<10	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP69	15	12/8/2008	<10	<10	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP70	5	12/1/2008	<10	<10	<50	ND	0.0012J	<0.0050	<0.0050	<0.0050
QB-SB/TP70	10	12/8/2008	<10	<10	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP70	15	12/8/2008	<10	<10	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP71	5	12/1/2008	<10	<10	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP71	10	12/8/2008	<10	<10	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP71	15	12/8/2008	<10	<10	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP72	5	12/1/2008	<10	<10	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP72	10	12/8/2008	<10	3.0J	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP72	15	12/8/2008	<10	<10	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP73	5	12/2/2008	<10	<10	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP73	10	12/8/2008	<10	<10	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP73	15	12/8/2008	<10	3.2J	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP74	5	12/2/2008	<10	<10	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP74	10	12/8/2008	<10	<10	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP74	15	12/8/2008	<10	<10	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP75	5	12/2/2008	<10	<10	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP75	10	12/8/2008	<10	<10	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP75	15	12/8/2008	<10	<10	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP76	1.75	12/3/2008	<10	220	1,400	**1,620**	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP76	5	12/3/2008	<10	<10	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP76	10	12/9/2008	<10	5.6J	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP76	15	12/9/2008	<10	<10	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP77	2	12/3/2008	<10	<10	18J	ND	<0.0050	<0.0050	<0.0050	<0.0050

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Sample Location	Depth	Date	TPHg (C4-C12)	TPHd (C13-C22)	TPHo (C23-C40)	Total TPH (C4-C40)	Benzene	Toluene	Ethylbenzene	Total Xylenes
QB-SB/TP77	5	12/3/2008	<10	<10	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP77	10	12/8/2008	<10	5.2J	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP77	15	12/8/2008	<10	<10	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP78	0.5	12/3/2008	35	2,000	3,200	**5,235**	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP78	5	12/3/2008	<10	<10	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP78	10	12/3/2008	<10	3.6J	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP78	15	12/3/2008	<10	<10	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP78	20	12/3/2008	<10	3.8J	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP78	25	12/3/2008	5.6J	<10	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP79	5	12/3/2008	<10	<10	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP79	10	12/3/2008	<10	<10	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP79	15	12/3/2008	<10	4.4J	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP79	20	12/3/2008	<10	<10	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP80	1.5	12/3/2008	<10	600	9,400	**10,000**	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP80	5	12/3/2008	<10	260	4,000	**4,260**	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP80	10	12/8/2008	<10	<10	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP80	15	12/8/2008	<10	<10	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP81	5	12/3/2008	<10	<10	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP81	10	12/4/2008	<10	<10	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP81	15	12/4/2008	<10	<10	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP81	20	12/4/2008	<10	<10	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP82	5	12/3/2008	<10	<10	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP82	10	12/8/2008	<10	<10	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP82	15	12/8/2008	2.9J	<10	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP83	5	12/3/2008	<10	<10	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP83	10	12/8/2008	<10	<10	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP83	15	12/8/2008	<10	<10	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP84	2	12/3/2008	<10	<10	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP84	5	12/3/2008	<10	<10	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP84	10	12/8/2008	<10	<10	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP84	15	12/8/2008	<10	<10	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP85	5	12/3/2008	<10	<10	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP85	10	12/8/2008	<10	<10	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP85	15	12/8/2008	<10	<10	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP86	3	12/4/2008	<10	<10	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP86	5	12/4/2008	<10	<10	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP86	10	12/8/2008	<10	<10	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP86	15	12/8/2008	<10	<10	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP95	1.75	12/4/2008	<10	780	5,300	**6,080**	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP95	5	12/4/2008	<10	66	130	**196**	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP95	10	12/5/2008	<10	<10	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP95	15	12/5/2008	<10	<10	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP96	2	12/4/2008	<10	370	1,000	**1,370**	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP96	3	12/4/2008	<10	1,100	2,700	**3,800**	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP96	5	12/4/2008	<10	<10	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP96	10	12/5/2008	<10	<10	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP96	15	12/5/2008	<10	<10	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP96	20	12/5/2008	<10	<10	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP96	25	12/5/2008	<10	<10	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP97	0.5	12/4/2008	<10	360	2,000	**2,360**	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP97	3	12/4/2008	<10	<10	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP97	5	12/4/2008	<10	<10	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP97	10	12/5/2008	<10	<10	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP97	15	12/5/2008	<10	<10	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050

Table 1
Soil Analytical Results - Total Petroleum Hydrocarbons and BTEX
Former Orcutt Refinery
1550 West Stowell Road
Santa Maria, California

Sample Location	Depth	Date	TPHg (C4-C12)	TPHd (C13-C22)	TPHo (C23-C40)	Total TPH (C4-C40)	Benzene	Toluene	Ethylbenzene	Total Xylenes
QB-SB/TP98	1.75	12/4/2008	<10	140	910	**1,050**	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP98	5	12/4/2008	<10	<10	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP98	10	12/5/2008	<10	<10	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP98	15	12/5/2008	<10	<10	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP98	20	12/5/2008	<10	4.2J	16J	ND	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP99	2	12/4/2008	40	4,200	4,400	**8,640**	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP99	5	12/4/2008	<10	<10	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP99	10	12/4/2008	<10	<10	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP99	12	12/4/2008	<10	150	610	**760**	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP99	15	12/4/2008	<10	490	580	**1,070**	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP99	20	12/4/2008	<10	<10	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP99	25	12/4/2008	<10	3,200	2,500	**5,700**	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP99	30	12/4/2008	<10	1,900	1,800	**3,700**	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP99	35	12/4/2008	<10	44	43J	44	<0.0050	<0.0050	<0.0050	0.0026J
QB-SB/TP99	40	12/4/2008	<10	<10	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP99	45	12/4/2008	<10	<10	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP99	50	12/4/2008	<10	<10	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP100	2	12/5/2008	<10	<10	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP100	5	12/5/2008	<10	<10	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP100	10	12/9/2008	<10	<10	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP100	15	12/9/2008	<10	<10	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP101	2	12/4/2008	<10	<10	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP101	5	12/4/2008	<10	<10	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP101	10	12/5/2008	<10	<10	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP101	15	12/5/2008	<10	<10	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP102	2	12/4/2008	<10	<10	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP102	5	12/4/2008	<10	<10	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP102	10	12/5/2008	<10	<10	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP102	15	12/5/2008	<10	<10	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP103	5	12/5/2008	<10	<10	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP103	10	12/8/2008	<10	6.8J	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP103	15	12/8/2008	<10	<10	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP104	5	12/5/2008	<10	<10	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP104	10	12/8/2008	<10	<10	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP104	15	12/8/2008	<10	<10	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP105	1	12/5/2008	<10	170	960	**1,130**	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP105	5	12/5/2008	<10	<10	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP105	10	12/8/2008	<10	<10	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP105	15	12/8/2008	<10	<10	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP106	2	12/5/2008	3.8J	<10	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP106	5	12/5/2008	<10	<10	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP106	10	12/9/2008	<10	<10	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP106	15	12/9/2008	<10	<10	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP107	1	12/5/2008	<10	<10	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP107	5	12/5/2008	<10	<10	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP107	10	12/9/2008	<10	4.6J	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP107	15	12/9/2008	<10	<10	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP108	5	12/5/2008	<10	<10	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP108	10	12/8/2008	<10	<10	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP108	15	12/8/2008	<10	<10	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP109	5	12/5/2008	<10	<10	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP109	10	12/8/2008	<10	<10	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP109	15	12/8/2008	<10	<10	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB28	5	11/20/2008	<10	<10	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050

Table 1
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Former Orcutt Refinery
1550 West Stowell Road
Santa Maria, California

Sample Location	Depth	Date	TPHg (C4-C12)	TPHd (C13-C22)	TPHo (C23-C40)	Total TPH (C4-C40)	Benzene	Toluene	Ethylbenzene	Total Xylenes
QB-SB28	10	11/20/2008	<10	3.6J	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB28	15	11/20/2008	<10	4.0J	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB28	20	11/20/2008	<10	<10	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB29	5	11/20/2008	<10	<10	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB29	10	11/20/2008	<10	2.7J	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB29	15	11/20/2008	<10	<10	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB29	20	11/20/2008	<10	<10	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB30	5	11/19/2008	<10	<10	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB30	10	11/19/2008	<10	<10	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB30	15	11/19/2008	<10	<10	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB30	20	11/19/2008	<10	<10	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB31	5	11/19/2008	<10	<10	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB31	10	11/19/2008	<10	<10	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB31	15	11/19/2008	<10	5.4J	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB31	20.5	11/19/2008	<10	<10	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB32	5	11/19/2008	<10	<10	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB32	10	11/19/2008	<10	4.3J	7.5J	ND	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB32	15	11/19/2008	<10	<10	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB32	21.5	11/19/2008	<10	<10	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB33	5	11/20/2008	<10	<10	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB33	10	11/20/2008	<10	3.7J	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB33	15	11/20/2008	<10	<10	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB64	5	12/1/2008	<10	7,900	6,300	**14,200**	0.083	0.016J	1.6	1.1
QB-SB64	10	12/1/2008	<10	<10	<50	ND	<0.0050	<0.0050	0.0028J	0.0028J
QB-SB64	15	12/1/2008	<10	7.4J	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB64	20	12/1/2008	<10	6.5J	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB64	25	12/1/2008	<10	5.4J	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB64	30	12/1/2008	<10	<10	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB65	5	12/1/2008	2,600	6,100	4,700	**13,400**	**0.28**	0.26	1.2	2.9
QB-SB65	10	12/1/2008	640	3,100	3,200	**6,940**	0.024J	0.018J	0.36	0.77
QB-SB65	15	12/1/2008	<10	<10	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB65	20	12/1/2008	<10	<10	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB65	25	12/1/2008	<10	<10	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB65	30	12/1/2008	<10	<10	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB66	5	12/2/2008	300	5,900	7,600	**13,800**	<0.025	<0.025	0.57	0.57
QB-SB66	10	12/2/2008	2,400	1,200	2,800	**6,400**	<0.0050	0.0044J	0.0052	0.0068
QB-SB66	15	12/2/2008	<10	<10	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB66	20	12/2/2008	<10	<10	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB66	25	12/2/2008	<10	<10	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB66	30	12/2/2008	<10	<10	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB67	5	12/2/2008	<10	75	1,100	**1,175**	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB67	10	12/2/2008	<10	<10	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB67	15	12/2/2008	<10	<10	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB67	20	12/2/2008	<10	<10	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB67	25	12/2/2008	<10	<10	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB67	30	12/2/2008	<10	<10	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB68	5	12/2/2008	12	990	5,900	**6,902**	<0.0050	<0.0050	<0.0050	0.16
QB-SB68	10	12/2/2008	76	18,000	58,000	**76,076**	0.016J	0.043	0.046	0.1
QB-SB68	15	12/2/2008	<10	630	950	**1,580**	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB68	20	12/2/2008	<10	1,200	2,300	**3,500**	<0.0050	0.0035J	<0.0050	<0.0050
QB-SB81	5	12/4/2008	<10	<10	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB87	5	12/4/2008	<10	<10	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB87	10	12/4/2008	<10	<10	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB87	15	12/4/2008	<10	<10	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050

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Santa Maria, California

Sample Location	Depth	Date	TPHg (C4-C12)	TPHd (C13-C22)	TPHo (C23-C40)	Total TPH (C4-C40)	Benzene	Toluene	Ethylbenzene	Total Xylenes
QB-SB87	20	12/4/2008	<10	<10	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB88	5	12/4/2008	<10	<10	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB88	10	12/4/2008	<10	<10	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB88	15	12/4/2008	<10	<10	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB88	20	12/4/2008	<10	<10	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB89	5	12/4/2008	<10	<10	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB89	10	12/4/2008	<10	<10	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB89	15	12/4/2008	<10	<10	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB89	20	12/4/2008	<10	<10	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB90	5	12/4/2008	<10	<10	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB90	10	12/4/2008	<10	<10	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB90	15	12/4/2008	<10	<10	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB90	20	12/4/2008	<10	<10	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB91	5	12/4/2008	<10	<10	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB91	10	12/4/2008	<10	<10	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB91	15	12/4/2008	<10	<10	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB91	20	12/4/2008	<10	<10	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB92	5	12/4/2008	<10	<10	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB92	10	12/4/2008	<10	4.5J	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB92	15	12/4/2008	<10	<10	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB92	20	12/4/2008	<10	<10	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB93	5	12/4/2008	<10	<10	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB93	10	12/4/2008	<10	<10	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB93	15	12/4/2008	<10	<10	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB93	20	12/4/2008	<10	<10	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB94	5	12/4/2008	<10	<10	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB94	10	12/4/2008	<10	<10	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB94	15	12/4/2008	<10	<10	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB94	20	12/4/2008	<10	<10	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
QB-TP1	2.5	11/13/2008	<10	78	530	**608**	<0.0050	<0.0050	<0.0050	<0.0050
QB-TP1	4	11/13/2008	150	9,600	9,200	**18,950**	<0.0050	0.0019J	0.047	0.11
QB-TP1	10	11/13/2008	<10	<10	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
QB-TP2	2.5	11/13/2008	<10	280	1,900	**2,180**	<0.0050	<0.0050	<0.0050	<0.0050
QB-TP2	5	11/13/2008	<10	25	120	**145**	<0.0050	<0.0050	<0.0050	<0.0050
QB-TP2	10	11/13/2008	<10	<10	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
QB-TP3	3	11/13/2008	1,500	11,000	7,900	**20,400**	**0.24**	0.17	0.7	1.3
QB-TP3	12	11/13/2008	<10	<10	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
QB-TP4	10	11/13/2008	<10	150	590	**740**	<0.0050	<0.0050	<0.0050	<0.0050
QB-TP5	2	11/13/2008	<10	230	1,100	**1,330**	<0.0050	<0.0050	<0.0050	<0.0050
QB-TP5	3	11/13/2008	6.8J	14,000	45,000	**59,000**	<0.0050	0.0057	0.0082	0.03
QB-TP5	11	11/13/2008	<10	77	250	**327**	<0.0050	<0.0050	<0.0050	<0.0050
QB-TP6	10	11/13/2008	<10	11	120	**131**	<0.0050	<0.0050	<0.0050	<0.0050
QB-TP7	8	11/13/2008	12	11,000	34,000	**45,012**	<0.12	0.055J	0.056J	0.17
QB-TP8	10	11/14/2008	<10	<10	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
QB-TP9	5.5	11/14/2008	<10	360	1,900	**2,260**	<0.0050	<0.0050	<0.0050	<0.0050
QB-TP9	12	11/14/2008	<10	<10	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
QB-TP10	5	11/14/2008	6.7J	1,900	3,100	**5,000**	<0.0050	<0.0050	<0.0050	<0.0050
QB-TP10	10	11/14/2008	2.9J	<10	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
QB-TP11	10	11/14/2008	<10	<10	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
QC-SB/TP1	5	12/8/2008	<10	<10	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
QC-SB/TP1	10	12/10/2008	<10	<10	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
QC-SB/TP1	15	12/10/2008	<10	<10	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
QC-SB/TP2	5	12/8/2008	<10	<10	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
QC-SB/TP2	10	12/10/2008	<10	<10	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050

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Sample Location	Depth	Date	TPHg (C4-C12)	TPHd (C13-C22)	TPHo (C23-C40)	Total TPH (C4-C40)	Benzene	Toluene	Ethylbenzene	Total Xylenes
QC-SB/TP2	15	12/10/2008	<10	3.2J	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
QC-SB/TP3	5	12/8/2008	<10	<10	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
QC-SB/TP3	10	12/10/2008	<10	<10	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
QC-SB/TP3	15	12/10/2008	<10	<10	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
QC-SB/TP4	5	12/8/2008	<10	<10	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
QC-SB/TP4	10	12/9/2008	<10	<10	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
QC-SB/TP4	15	12/9/2008	<10	<10	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
QC-SB/TP5	6	12/8/2008	<10	9.7J	110	**110**	<0.0050	<0.0050	<0.0050	<0.0050
QC-SB/TP5	9	12/10/2008	<10	220	990	**1,210**	<0.0050	<0.0050	<0.0050	<0.0050
QC-SB/TP5	10	12/10/2008	<10	<10	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
QC-SB/TP5	15	12/10/2008	<10	<10	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
QC-SB/TP5	20	12/10/2008	<10	<10	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
QC-SB/TP6	5	12/8/2008	<10	<10	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
QC-SB/TP6	10	12/10/2008	<10	<10	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
QC-SB/TP6	15	12/10/2008	<10	<10	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
QC-SB/TP7	5	12/8/2008	<10	60	690	**750**	<0.0050	<0.0050	<0.0050	<0.0050
QC-SB/TP7	10	12/10/2008	<10	<10	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
QC-SB/TP7	15	12/10/2008	<10	<10	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
QC-SB/TP7	20	12/10/2008	<10	3.5J	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
QC-SB/TP8	5	12/8/2008	<10	<10	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
QC-SB/TP8	10	12/10/2008	<10	<10	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
QC-SB/TP8	15	12/10/2008	<10	<10	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
QC-SB/TP9	5	12/8/2008	<10	<10	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
QC-SB/TP9	10	12/10/2008	<10	<10	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
QC-SB/TP9	15	12/10/2008	31	43	130	**204**	<0.0050	0.0024J	<0.0050	<0.0050
QC-SB/TP9	20	12/10/2008	580	690	720	**1,990**	<0.0050	<0.0050	<0.0050	<0.0050
QC-SB/TP10	5	12/8/2008	<10	83	180	**263**	<0.0050	<0.0050	<0.0050	<0.0050
QC-SB/TP10	10	12/10/2008	<10	<10	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
QC-SB/TP10	15	12/10/2008	<10	<10	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
QC-SB/TP11	5	12/8/2008	<10	9.9J	64	64	<0.0050	<0.0050	<0.0050	<0.0050
QC-SB/TP11	10	12/10/2008	<10	8.3J	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
QC-SB/TP11	15	12/10/2008	<10	<10	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
QC-SB/TP12	5	12/8/2008	<10	3.8J	11J	ND	<0.0050	<0.0050	<0.0050	<0.0050
QC-SB/TP12	9	12/10/2008	<10	<10	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
QC-SB/TP12	10	12/10/2008	<10	<10	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
QC-SB/TP12	15	12/10/2008	<10	<10	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
QC-SB/TP12	20	12/10/2008	<10	<10	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
QC-SB/TP13	4	12/8/2008	<10	<10	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
QC-SB/TP13	10	12/10/2008	<10	<10	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
QC-SB/TP13	15	12/10/2008	<10	<10	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
QC-SB/TP14	10	12/9/2008	<10	120	680	**800**	<0.0050	<0.0050	<0.0050	<0.0050
QC-SB/TP14	12.5	12/9/2008	<10	8,800	17,000	**25,800**	<0.0050	<0.0050	<0.0050	<0.0050
QC-SB/TP14	15	12/9/2008	<10	4.5J	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
QC-SB/TP14	20	12/9/2008	<10	<10	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
QC-SB/TP14	25	12/9/2008	<10	<10	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
QC-SB/TP15	10	12/9/2008	<10	3.4J	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
QC-SB/TP15	15	12/9/2008	<10	<10	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
QC-SB/TP15	20	12/9/2008	<10	<10	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
QC-SB/TP16	4.5	12/9/2008	<10	37	420	**457**	<0.0050	<0.0050	<0.0050	<0.0050
QC-SB/TP16	10	12/9/2008	<10	5.9J	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
QC-SB/TP16	15	12/9/2008	<10	<10	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
GP01	15	7/19/2011	<0.50	<10	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
GP01	20	7/19/2011	<0.49	<10	<50	ND	<0.0049	<0.0049	<0.0049	<0.0049
GP01	25	7/19/2011	<0.50	270	51	**321**	<0.0050	<0.0050	<0.0050	<0.0050

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Sample Location	Depth	Date	TPHg (C4-C12)	TPHd (C13-C22)	TPHo (C23-C40)	Total TPH (C4-C40)	Benzene	Toluene	Ethylbenzene	Total Xylenes
GP01	35	7/19/2011	<0.49	<10	<50	ND	<0.0049	<0.0049	<0.0049	<0.0049
GP02	15	7/19/2011	<0.48	12	<50	12	<0.0048	<0.0048	<0.0048	0.0049
GP02	20	7/19/2011	<0.49	17	<50	17	<0.0049	<0.0049	<0.0049	<0.0049
GP02	25	7/19/2011	<0.48	<10	<50	ND	<0.0048	<0.0048	<0.0048	<0.0048
GP03	15	7/19/2011	<0.50	<10	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
GP03	20	7/19/2011	<0.50	<10	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
GP03	25	7/19/2011	<0.49	<10	<50	ND	<0.0049	<0.0049	<0.0049	<0.0049
GP04	5	7/19/2011	<0.49	<10	<50	ND	<0.0049	<0.0049	<0.0049	<0.0049
GP04	15	7/19/2011	<0.48	<10	<50	ND	<0.0048	<0.0048	<0.0048	<0.0048
GP04	20	7/19/2011	<0.47	<10	<50	ND	<0.0047	<0.0047	<0.0047	<0.0047
GP04	25	7/19/2011	<0.46	<10	<50	ND	<0.0046	<0.0046	<0.0046	<0.0046
GP05	10	7/19/2011	<0.49	<10	<50	ND	<0.0049	<0.0049	<0.0049	<0.0049
GP05	25	7/19/2011	<0.49	<10	<50	ND	<0.0049	<0.0049	<0.0049	<0.0049
GP06	5	7/20/2011	<0.49	240	3,000	**3,240**	<0.0049	<0.0049	<0.0049	<0.0049
GP06	10	7/20/2011	<0.49	93	260	**353**	<0.0049	<0.0049	<0.0049	<0.0049
GP06	20	7/20/2011	180	2,000	410	**2,590**	<0.0048	<0.0048	0.0091	0.0067
GP06	25	7/20/2011	330	4,800	1,400	**6,530**	<0.045	<0.045	0.43	0.47
GP06	40	7/20/2011	670	4,900	1,100	**6,670**	<0.045	0.25	0.81	1.1
GP07	5	7/20/2011	<0.49	<10	<50	ND	<0.0049	<0.0049	<0.0049	<0.0049
GP07	10	7/20/2011	<0.47	<10	<50	ND	<0.0047	<0.0047	<0.0047	<0.0047
GP07	20	7/20/2011	<0.49	<10	<50	ND	<0.0049	<0.0049	<0.0049	<0.0049
GP07	25	7/20/2011	<0.48	<10	<50	ND	<0.0048	<0.0048	<0.0048	<0.0048
GP08	5	7/20/2011	<0.49	15	320	**335**	<0.0049	<0.0049	<0.0049	<0.0049
GP08	20	7/20/2011	<0.49	<10	<50	ND	<0.0049	<0.0049	<0.0049	<0.0049
GP08	25	7/20/2011	<0.48	<10	<50	ND	<0.0048	<0.0048	<0.0048	<0.0048
GP09	5	7/20/2011	<0.48	410	2,000	**2,410**	<0.0048	<0.0048	<0.0048	<0.0048
GP09	15	7/20/2011	<0.50	<10	450	**450**	<0.0050	<0.0050	<0.0050	<0.0050
GP09	25	7/20/2011	77	220	300	**597**	<0.48	<0.48	0.48	0.7
GP09	35	7/20/2011	230	4,300	3,100	**7,630**	<0.50	<0.50	1.4	1.7
GP10	5	7/22/2011	<0.50	140	1,400	**1,540**	<0.0050	<0.0050	<0.0050	<0.0050
GP10	10	7/22/2011	<0.50	<10	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
GP10	20	7/22/2011	<0.49	<10	<50	ND	<0.0049	<0.0049	<0.0049	<0.0049
GP10	25	7/22/2011	<0.50	<10	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
GP11	5	7/22/2011	<0.50	720	6,000	**6,720**	<0.0050	<0.0050	<0.0050	<0.0050
GP11	15	7/22/2011	<0.50	<10	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
GP11	20	7/22/2011	420	3,400	<500	**3,820**	<0.0050	<0.0050	0.019	0.0089
GP11	45	7/22/2011	630	4,100	<250	**4,730**	<0.044	<0.044	0.79	<0.044
GP12	15	7/22/2011	<0.50	<10	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
GP12	20	7/22/2011	<0.50	<10	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
GP12	25	7/22/2011	<0.49	<10	<50	ND	<0.0049	<0.0049	<0.0049	<0.0049
GP13	5	7/22/2011	<0.50	590	5,100	**5,690**	<0.0050	<0.0050	<0.0050	<0.0050
GP13	15	7/22/2011	<0.49	<10	<50	ND	<0.0049	<0.0049	<0.0049	<0.0049
GP13	20	7/22/2011	<0.49	<10	<50	ND	<0.0049	<0.0049	<0.0049	<0.0049
GP13	25	7/22/2011	<0.50	<10	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
GP14	10	7/22/2011	<0.50	<10	290	**290**	<0.0050	<0.0050	<0.0050	<0.0050
GP14	15	7/22/2011	<0.50	110	960	**1,070**	<0.0050	<0.0050	<0.0050	<0.0050
GP14	20	7/22/2011	130	4,400	1,700	**6,230**	<0.042	<0.042	<0.042	<0.042
GP15	15	7/22/2011	350	2,300	1,300	**3,950**	<0.043	<0.043	<0.043	<0.043
GP16	5	7/25/2011	<0.50	<10	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
GP16	10	7/25/2011	<0.50	<10	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
GP16	15	7/25/2011	<0.50	<10	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
GP16	20	7/25/2011	<0.50	<10	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
GP16	25	7/25/2011	<0.49	65	170	**235**	<0.0049	<0.0049	<0.0049	<0.0049
GP17	5	7/25/2011	<0.50	98	210	**308**	<0.0050	<0.0050	<0.0050	<0.0050

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Sample Location	Depth	Date	TPHg (C4-C12)	TPHd (C13-C22)	TPHo (C23-C40)	Total TPH (C4-C40)	Benzene	Toluene	Ethylbenzene	Total Xylenes
GP17	10	7/25/2011	<0.50	200	460	**660**	<0.0050	<0.0050	<0.0050	<0.0050
GP17	20	7/25/2011	<0.50	190	400	**590**	<0.0050	<0.0050	<0.0050	<0.0050
GP17	25	7/25/2011	<0.50	45	120	**165**	<0.0050	<0.0050	<0.0050	<0.0050
GP18	5	7/25/2011	<0.50	<10	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
GP18	10	7/25/2011	<0.50	<10	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
GP18	20	7/25/2011	<0.50	<10	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
GP18	25	7/25/2011	<0.49	<10	<50	ND	<0.0049	<0.0049	<0.0049	<0.0049
GP19	5	7/25/2011	<0.50	<10	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
GP19	10	7/25/2011	<0.50	33	<50	33	<0.0050	<0.0050	<0.0050	<0.0050
GP19	20	7/25/2011	<0.50	<10	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
GP19	25	7/25/2011	<0.50	<10	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
GP20	10	7/25/2011	3,100	160	<50	**3,260**	<1.0	<1.0	<1.0	<1.0
GP20	15	7/25/2011	2.0	<10	<50	2.0	<0.0050	<0.0050	<0.0050	<0.0050
GP20	30	7/25/2011	2.7	<10	<50	2.7	<0.0050	<0.0050	<0.0050	0.0086
GP20	4.5	7/25/2011	7,000	890	280	**8,170**	<2.5	<2.5	<2.5	<2.5
GP21	5	7/25/2011	<0.49	23	120	**143**	<0.0049	<0.0049	<0.0049	<0.0049
GP21	10	7/25/2011	<0.49	16	51	67	<0.0049	<0.0049	<0.0049	<0.0049
GP21	20	7/25/2011	<0.50	<10	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
GP21	25	7/25/2011	0.52	<10	<50	0.52	<0.0050	<0.0050	<0.0050	<0.0050
GP21	35	7/25/2011	1,200	110	69	**1,379**	<0.50	<0.50	<0.50	<0.50
GP22	5	7/26/2011	<0.50	<10	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
GP22	12	7/26/2011	35,000	2,300	1,900	**39,200**	**14**	4	35	140
GP22	29.5	7/26/2011	18,000	2,200	2,500	**22,700**	**4.9**	14	32	120
GP23	5	7/26/2011	7,600	26	<50	**7,626**	<0.50	<0.50	54	38
GP23	10	7/26/2011	35,000	39	<50	**35,039**	**1.3**	0.89	**150**	**290**
GP23	25	7/26/2011	590	150	110	**850**	0.067	0.28	1.4	4.8
GP24	5	7/26/2011	<0.50	<10	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
GP24	10	7/26/2011	<0.50	93	190	**283**	<0.0050	<0.0050	<0.0050	<0.0050
GP24	20	7/26/2011	<0.50	<10	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
GP24	30	7/26/2011	1.9	<10	<50	1.9	<0.0049	<0.0049	<0.0049	<0.0049
GP25	5	7/26/2011	<0.51	<10	<50	ND	<0.0051	<0.0051	<0.0051	<0.0051
GP25	15	7/26/2011	<0.50	<10	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
GP25	25	7/26/2011	<0.50	<10	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
GP26	5	7/26/2011	<0.50	<10	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
GP26	15	7/26/2011	<0.50	<10	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
GP26	25	7/26/2011	<0.49	<10	<50	ND	<0.0049	<0.0049	<0.0049	<0.0049
GP27	5	7/26/2011	<0.51	12	<50	12	<0.0051	<0.0051	<0.0051	<0.0051
GP27	10	7/26/2011	29	240	<50	**269**	<0.045	<0.045	<0.045	<0.045
GP27	15	7/26/2011	6.5	66	<50	72.5	<0.048	<0.048	<0.048	<0.048
GP27	25	7/26/2011	<4.8	27	<50	27	<0.048	<0.048	<0.048	<0.048
GP028	2	4/10/2012	380	7,400	7,800	**15,580**	<0.045	<0.045	0.11	0.14
GP028	5	4/10/2012	950	9,700	10,000	**20,650**	0.062	<0.043	0.17	0.13
GP028	10	4/10/2012	<0.48	<10	<50	ND	<0.0048	<0.0048	<0.0048	<0.0048
GP028	15	4/10/2012	<0.50	<10	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
GP028	25	4/10/2012	<0.48	<10	<50	ND	<0.0048	<0.0048	<0.0048	<0.0048
GP029	5	4/10/2012	<0.49	500	3,500	**4,000**	<0.0049	<0.0049	<0.0049	<0.0049
GP029	10	4/10/2012	<0.48	1,200	6,000	**7,200**	<0.0048	<0.0048	<0.0048	<0.0048
GP029	15	4/10/2012	<0.48	<10	<50	ND	<0.0048	<0.0048	<0.0048	<0.0048
GP029	20	4/10/2012	<0.48	<10	<50	ND	<0.0048	<0.0048	<0.0048	<0.0048
GP029	25	4/10/2012	<0.49	<10	<50	ND	<0.0049	<0.0049	<0.0049	<0.0049
GP029	30	4/10/2012	<0.48	<10	<50	ND	<0.0048	<0.0048	<0.0048	<0.0048
GP030	5	4/10/2012	<0.50	570	4,600	**5,170**	<0.0050	<0.0050	<0.0050	<0.0050
GP030	10	4/10/2012	<0.50	<10	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
GP030	15	4/10/2012	<0.49	<10	<50	ND	<0.0049	<0.0049	<0.0049	<0.0049

Table 1
Soil Analytical Results - Total Petroleum Hydrocarbons and BTEX
Former Orcutt Refinery
1550 West Stowell Road
Santa Maria, California

Sample Location	Depth	Date	TPHg (C4-C12)	TPHd (C13-C22)	TPHo (C23-C40)	Total TPH (C4-C40)	Benzene	Toluene	Ethylbenzene	Total Xylenes
GP030	25	4/10/2012	<0.50	<10	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
GP031	5	4/10/2012	<0.48	<10	<50	ND	<0.0048	<0.0048	<0.0048	<0.0048
GP031	10	4/10/2012	<0.49	<10	<50	ND	<0.0049	<0.0049	<0.0049	<0.0049
GP031	15	4/10/2012	<0.50	<10	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
GP031	25	4/10/2012	<0.49	<10	<50	ND	<0.0049	<0.0049	<0.0049	<0.0049
GP032	5	4/10/2012	<0.49	850	2,800	**3,650**	<0.0049	<0.0049	<0.0049	<0.0049
GP032	10	4/10/2012	<0.49	<10	<50	ND	<0.0049	<0.0049	<0.0049	<0.0049
GP032	15	4/10/2012	<0.49	<10	<50	ND	<0.0049	<0.0049	<0.0049	<0.0049
GP032	25	4/10/2012	<0.49	<10	<50	ND	<0.0049	<0.0049	<0.0049	<0.0049
GP033	5	4/10/2012	<0.50	880	2,600	**3,480**	<0.0050	<0.0050	<0.0050	<0.0050
GP033	10	4/10/2012	<0.49	44	190	**234**	<0.0049	<0.0049	<0.0049	<0.0049
GP033	15	4/10/2012	<0.48	<10	<50	ND	<0.0048	<0.0048	<0.0048	<0.0048
GP033	25	4/10/2012	<0.50	<10	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
TR1a	0.5	7/5/2011	<0.50	11	110	**121**	<0.0050	<0.0050	<0.0050	<0.0050
TR1a	2	7/5/2011	<0.49	<10	<50	ND	<0.0049	<0.0049	<0.0049	<0.0049
TR1a	5	7/5/2011	<0.49	<10	<50	ND	<0.0049	<0.0049	<0.0049	<0.0049
TR1b	2	7/5/2011	1,100	16,000	22,000	**39,100**	<0.49	<0.49	2.7	1
TR1c	0.5	7/5/2011	<0.49	29	200	**229**	<0.0049	<0.0049	<0.0049	<0.0049
TR1c	2	7/5/2011	<0.50	<10	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
TR1c	5	7/5/2011	<0.49	<10	<50	ND	<0.0049	<0.0049	<0.0049	<0.0049
TR1c	10	7/5/2011	<0.48	<10	<50	ND	<0.0048	<0.0048	<0.0048	<0.0048
TR1c	15	7/5/2011	<0.49	<10	<50	ND	<0.0049	<0.0049	<0.0049	<0.0049
TR1d	0.5	7/5/2011	<0.50	40	340	**380**	<0.0050	<0.0050	<0.0050	<0.0050
TR1d	2	7/5/2011	<0.50	<10	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
TR1d	5	7/5/2011	<0.50	<10	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
TR1d	10	7/5/2011	<0.50	<10	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
TR1d	15	7/5/2011	<0.49	<10	<50	ND	<0.0049	<0.0049	<0.0049	<0.0049
TR2a	0.5	7/5/2011	<0.51	27	230	**257**	<0.0051	<0.0051	<0.0051	<0.0051
TR2a	2	7/5/2011	<0.50	<10	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
TR2a	5	7/5/2011	<0.50	<10	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
TR2a	10	7/5/2011	<0.50	<10	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
TR2a	15	7/5/2011	<0.50	<10	110	**110**	<0.0050	<0.0050	<0.0050	<0.0050
TR2b	0.5	7/5/2011	<0.50	28	340	**368**	<0.0050	<0.0050	<0.0050	<0.0050
TR2b	2	7/5/2011	1,400	20,000	36,000	**57,400**	<0.50	<0.50	3.4	0.85
TR2b	5	7/5/2011	<0.50	<10	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
TR2b	10	7/5/2011	<0.50	<10	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
TR2b	15	7/5/2011	<0.50	<10	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
TR2c	0.5	7/5/2011	<0.50	39	220	**259**	<0.0050	<0.0050	<0.0050	<0.0050
TR2c	2	7/5/2011	<0.50	1,000	3,800	**4,800**	<0.0050	<0.0050	<0.0050	<0.0050
TR2c	5	7/5/2011	<0.49	<10	<50	ND	<0.0049	<0.0049	<0.0049	<0.0049
TR2c	10	7/5/2011	<0.50	<10	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
TR2c	15	7/5/2011	<0.49	<10	<50	ND	<0.0049	<0.0049	<0.0049	<0.0049
TR3a	0.5	7/6/2011	<0.49	26	330	**356**	<0.0049	<0.0049	<0.0049	<0.0049
TR3a	2	7/6/2011	<0.50	<10	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
TR3a	5	7/6/2011	<0.50	<10	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
TR3a	10	7/6/2011	<0.49	<10	<50	ND	<0.0049	<0.0049	<0.0049	<0.0049
TR3a	15	7/6/2011	<0.49	18	<50	18	<0.0049	<0.0049	<0.0049	<0.0049
TR3b	0.5	7/6/2011	<0.50	160	570	**730**	<0.0050	<0.0050	<0.0050	<0.0050
TR3b	2	7/6/2011	5,200	12,000	20,000	**37,200**	**3.9**	3.7	8.6	8.8
TR3b	10	7/6/2011	0.67	1,300	650	**1,951**	<0.0047	<0.0047	<0.0047	<0.0047
TR3b	15	7/6/2011	2,600	710	490	**3,800**	<0.045	<0.045	<0.045	0.073
TR3b	5.5	7/6/2011	1.2	1,600	600	**2,201**	<0.0047	<0.0047	<0.0047	<0.0047
TR3c	0.5	7/6/2011	<0.47	100	740	**840**	<0.0047	<0.0047	<0.0047	<0.0047
TR3c	2	7/6/2011	3,800	9,400	14,000	**27,200**	**4.9**	10	1.8	4

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Sample Location	Depth	Date	TPHg (C4-C12)	TPHd (C13-C22)	TPHo (C23-C40)	Total TPH (C4-C40)	Benzene	Toluene	Ethylbenzene	Total Xylenes
TR3c	5	7/6/2011	7,300	2,200	4,600	**14,100**	**12**	**37**	34	77
TR3c	10	7/6/2011	3,000	700	670	**4,370**	**0.14**	0.8	1.1	6.9
TR3c	15	7/6/2011	1,200	850	440	**2,490**	<2.5	<2.5	<2.5	<2.5
TR4a	0.5	7/6/2011	<0.50	16	580	**596**	<0.0050	<0.0050	<0.0050	<0.0050
TR4a	2	7/6/2011	<0.50	28	680	**708**	<0.0050	<0.0050	<0.0050	<0.0050
TR4a	5	7/6/2011	<0.50	<10	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
TR4a	10	7/6/2011	<0.50	<10	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
TR4b	0.5	7/6/2011	<0.50	21	440	**461**	<0.0050	<0.0050	<0.0050	<0.0050
TR4b	2	7/6/2011	<0.50	37	400	**437**	<0.0050	<0.0050	<0.0050	<0.0050
TR4b	5	7/6/2011	<0.50	<10	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
TR4b	10	7/6/2011	<0.50	<10	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
TR4b	14	7/6/2011	<0.50	<10	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
TR4c	0.5	7/6/2011	<0.50	31	370	**401**	<0.0050	<0.0050	<0.0050	<0.0050
TR4c	2	7/6/2011	<0.50	<10	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
TR4c	5	7/6/2011	<0.50	46	170	**216**	<0.0050	<0.0050	<0.0050	<0.0050
TR4c	10	7/6/2011	<0.50	<10	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
TR4c	14	7/6/2011	<0.50	18	52	70	<0.0050	<0.0050	<0.0050	<0.0050
TR4c	4.5	7/6/2011	<0.50	27	76	**103**	<0.0050	<0.0050	<0.0050	<0.0050
TR4d	0.5	7/6/2011	<0.50	230	1,000	**1,230**	<0.0050	<0.0050	<0.0050	<0.0050
TR4d	2	7/6/2011	<0.50	340	1,800	**2,140**	<0.0050	<0.0050	<0.0050	<0.0050
TR4d	5	7/6/2011	<0.50	<10	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
TR4d	10	7/6/2011	<0.50	<10	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
TR4e	0.5	7/6/2011	<0.50	190	880	**1,070**	<0.0050	<0.0050	<0.0050	<0.0050
TR4e	2	7/6/2011	<0.50	25	120	**145**	<0.0050	<0.0050	<0.0050	<0.0050
TR4e	5	7/6/2011	<0.50	120	600	**720**	<0.0050	<0.0050	<0.0050	<0.0050
TR4e	10	7/6/2011	<0.50	48	180	**228**	<0.0050	<0.0050	<0.0050	<0.0050
TR5a	0.5	7/7/2011	<0.49	580	2,400	**2,980**	<0.0049	<0.0049	<0.0049	<0.0049
TR5a	2	7/7/2011	<0.50	26	220	**246**	<0.0050	<0.0050	<0.0050	<0.0050
TR5a	5	7/7/2011	<0.50	<10	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
TR5a	10	7/7/2011	<0.50	<10	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
TR5b	0.5	7/7/2011	<0.49	260	970	**1,230**	<0.0049	<0.0049	<0.0049	<0.0049
TR5b	2	7/7/2011	<0.50	17	90	**107**	<0.0050	<0.0050	<0.0050	<0.0050
TR5b	5	7/7/2011	<0.50	32	360	**392**	<0.0050	<0.0050	<0.0050	<0.0050
TR5b	15	7/7/2011	<0.49	<10	<50	ND	<0.0049	<0.0049	<0.0049	<0.0049
TR5b	9.5	7/7/2011	<0.50	<10	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
TR5c	0.5	7/7/2011	<0.50	150	640	**790**	<0.0050	<0.0050	<0.0050	<0.0050
TR5c	2	7/7/2011	<0.49	40	210	**250**	<0.0049	<0.0049	<0.0049	<0.0049
TR5c	5	7/7/2011	<0.50	<10	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
TR5c	10	7/7/2011	<0.49	<10	<50	ND	<0.0049	<0.0049	<0.0049	<0.0049
TR5d	0.5	7/7/2011	<0.50	43	760	**803**	<0.0050	<0.0050	<0.0050	<0.0050
TR5d	2	7/7/2011	<0.50	<10	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
TR5d	5	7/7/2011	<0.50	<10	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
TR5d	10	7/7/2011	<0.50	<10	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
TR6a	0.5	7/7/2011	<0.50	54	1,600	**1,654**	<0.0050	<0.0050	<0.0050	<0.0050
TR6a	2	7/7/2011	<0.50	270	1,800	**2,070**	<0.0050	<0.0050	<0.0050	<0.0050
TR6a	5	7/7/2011	<0.50	280	1,600	**1,880**	<0.0050	<0.0050	<0.0050	<0.0050
TR6a	10	7/7/2011	<0.50	47	420	**467**	<0.0050	<0.0050	<0.0050	<0.0050
TR6a	15	7/7/2011	<0.50	1,100	3,000	**4,100**	<0.0050	<0.0050	<0.0050	<0.0050
TR6b	0.5	7/7/2011	<0.50	43	870	**913**	<0.0050	<0.0050	<0.0050	<0.0050
TR6b	5	7/7/2011	310	6,400	26,000	**32,710**	<0.50	2	1.6	4.9
TR6b	10	7/7/2011	<0.49	26	510	**536**	<0.0049	<0.0049	<0.0049	<0.0049
TR6b	14	7/7/2011	<0.50	59	390	**449**	<0.0050	<0.0050	<0.0050	<0.0050
TR6b	2.5	7/7/2011	<0.50	4,100	26,000	**30,100**	<0.0050	0.0085	0.0085	0.024
TR6c	0.5	7/7/2011	<0.50	28	930	**958**	<0.0050	<0.0050	<0.0050	<0.0050

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Sample Location	Depth	Date	TPHg (C4-C12)	TPHd (C13-C22)	TPHo (C23-C40)	Total TPH (C4-C40)	Benzene	Toluene	Ethylbenzene	Total Xylenes
TR6c	2	7/7/2011	<0.50	41	290	**331**	<0.0050	<0.0050	<0.0050	<0.0050
TR6c	5	7/7/2011	<0.50	<10	210	**210**	<0.0050	<0.0050	<0.0050	<0.0050
TR6c	10	7/7/2011	<0.50	<10	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
TR7a	0.5	7/8/2011	<0.50	30	160	**190**	<0.0050	<0.0050	<0.0050	<0.0050
TR7a	2	7/8/2011	<0.50	52	200	**252**	<0.0050	<0.0050	<0.0050	<0.0050
TR7a	5	7/8/2011	<0.50	<10	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
TR7a	10	7/8/2011	<0.51	<10	<50	ND	<0.0051	<0.0051	<0.0051	<0.0051
TR7a	15	7/8/2011	<0.50	<10	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
TR7b	0.5	7/8/2011	<0.50	41	310	**351**	<0.0050	<0.0050	<0.0050	<0.0050
TR7b	2	7/8/2011	<0.50	110	540	**650**	<0.0050	<0.0050	<0.0050	<0.0050
TR7b	5	7/8/2011	<0.50	22	94	**116**	<0.0050	<0.0050	<0.0050	<0.0050
TR7b	10	7/8/2011	<0.50	<10	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
TR7c	0.5	7/8/2011	<0.50	46	380	**426**	<0.0050	<0.0050	<0.0050	<0.0050
TR7c	2	7/8/2011	2,700	10,000	9,200	**21,900**	<0.50	2.9	1.9	15
TR7c	10	7/8/2011	7.6	<10	<50	7.6	<0.0050	<0.0050	<0.0050	0.032
TR7c	12	7/8/2011	<0.50	<10	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
TR7c	4.5	7/8/2011	<0.50	<10	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
TR7d	0.5	7/8/2011	<0.50	55	400	**455**	<0.0050	<0.0050	<0.0050	<0.0050
TR7d	2	7/8/2011	<0.50	<10	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
TR7d	5	7/8/2011	<0.50	<10	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
TR7d	10	7/8/2011	<0.50	<10	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
TR7d	15	7/8/2011	<0.49	<10	<50	ND	<0.0049	<0.0049	<0.0049	<0.0049
TR8a	0.5	7/8/2011	<0.49	41	320	**361**	<0.0049	<0.0049	<0.0049	<0.0049
TR8a	2	7/8/2011	<0.50	<10	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
TR8a	5	7/8/2011	<0.50	<10	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
TR8a	10	7/8/2011	<0.50	<10	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
TR8a	15	7/8/2011	<0.50	<10	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
TR9a	0.5	7/11/2011	<0.50	17	350	**367**	<0.0050	<0.0050	<0.0050	<0.0050
TR9a	2	7/11/2011	530	9,600	27,000	**37,130**	<0.53	<0.53	1.4	2.6
TR9a	5	7/11/2011	<0.49	<10	<50	ND	<0.0049	<0.0049	<0.0049	<0.0049
TR9a	10	7/11/2011	<0.50	<10	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
TR9a	12	7/11/2011	<0.50	<10	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
TR9b	0.5	7/11/2011	<0.50	23	730	**753**	<0.0050	<0.0050	<0.0050	<0.0050
TR9b	2	7/11/2011	<0.50	<10	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
TR9b	5	7/11/2011	<0.50	<10	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
TR9b	10	7/11/2011	<0.50	<10	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
TR9c	0.5	7/11/2011	<0.50	16	450	**466**	<0.0050	<0.0050	<0.0050	<0.0050
TR9c	2	7/11/2011	<0.50	<10	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
TR9c	5	7/11/2011	<0.50	<10	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
TR9c	10	7/11/2011	<0.50	<10	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
TR9c	14	7/11/2011	<0.50	<10	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
TR9d	0.5	7/11/2011	<0.50	110	1,100	**1,210**	<0.0050	<0.0050	<0.0050	<0.0050
TR9d	2	7/11/2011	<0.50	<10	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
TR9d	5	7/11/2011	<0.50	<10	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
TR9d	10	7/11/2011	<0.50	<10	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
TR9d	14	7/11/2011	<0.50	360	910	**1,270**	<0.0050	<0.0050	<0.0050	<0.0050
TR9e	0.5	7/11/2011	<0.50	48	840	**888**	<0.0050	<0.0050	<0.0050	<0.0050
TR9e	2	7/11/2011	<0.49	620	5,600	**6,220**	<0.0049	<0.0049	<0.0049	<0.0049
TR9e	5	7/11/2011	<0.49	560	3,900	**4,460**	<0.0049	<0.0049	<0.0049	<0.0049
TR9e	10	7/11/2011	<0.50	13	99	**112**	<0.0050	<0.0050	<0.0050	<0.0050
TR9e	15	7/11/2011	<0.50	58	410	**468**	<0.0050	<0.0050	<0.0050	<0.0050
TR9f	0.5	7/11/2011	<0.48	54	720	**774**	<0.0048	<0.0048	<0.0048	<0.0048
TR9f	2	7/11/2011	<0.49	<10	<50	ND	<0.0049	<0.0049	<0.0049	<0.0049
TR9f	5	7/11/2011	<0.50	570	10,000	**10,570**	<0.0050	<0.0050	<0.0050	<0.0050

Table 1
Soil Analytical Results - Total Petroleum Hydrocarbons and BTEX
Former Orcutt Refinery
1550 West Stowell Road
Santa Maria, California

Sample Location	Depth	Date	TPHg (C4-C12)	TPHd (C13-C22)	TPHo (C23-C40)	Total TPH (C4-C40)	Benzene	Toluene	Ethylbenzene	Total Xylenes
TR9f	10	7/11/2011	<0.50	200	2,900	**3,100**	<0.0050	<0.0050	<0.0050	<0.0050
TR9f	15	7/11/2011	<0.49	24	280	**304**	<0.0049	<0.0049	<0.0049	<0.0049
TR9g	0.5	7/11/2011	<0.50	38	590	**628**	<0.0050	<0.0050	<0.0050	<0.0050
TR9g	2	7/11/2011	<0.48	13	<50	13	<0.0048	<0.0048	<0.0048	<0.0048
TR9g	5	7/11/2011	14	5,600	22,000	**27,614**	<0.047	<0.047	<0.047	<0.047
TR9g	10	7/11/2011	<0.48	<10	<50	ND	<0.0048	<0.0048	<0.0048	<0.0048
TR9g	15	7/11/2011	<0.48	97	690	**787**	<0.0048	<0.0048	<0.0048	<0.0048
TR9h	0.5	7/12/2011	<0.49	82	1,500	**1,582**	<0.0049	<0.0049	<0.0049	<0.0049
TR9h	2	7/12/2011	13	6,500	25,000	**31,513**	<0.045	0.082	0.058	0.13
TR9h	5	7/12/2011	16	9,000	7,200	**16,216**	<0.046	<0.046	0.11	<0.046
TR9h	10	7/12/2011	<0.49	140	710	**850**	<0.0049	<0.0049	<0.0049	<0.0049
TR9h	15	7/12/2011	<0.50	71	150	**221**	<0.0050	<0.0050	<0.0050	<0.0050
TR10a	0.5	7/12/2011	<0.48	78	430	**508**	<0.0048	<0.0048	<0.0048	<0.0048
TR10a	2	7/12/2011	<0.50	25	110	**135**	<0.0050	<0.0050	<0.0050	<0.0050
TR10a	5	7/12/2011	<0.49	200	480	**680**	<0.0049	<0.0049	<0.0049	<0.0049
TR10a	10	7/12/2011	<0.48	210	730	**940**	<0.0048	<0.0048	<0.0048	<0.0048
TR10a	14	7/12/2011	<0.50	180	390	**570**	<0.0050	<0.0050	<0.0050	<0.0050
TR10b	0.5	7/12/2011	<0.50	66	310	**376**	<0.0050	<0.0050	<0.0050	<0.0050
TR10b	2	7/12/2011	<0.50	<10	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
TR10b	5	7/12/2011	<0.51	<10	<50	ND	<0.0051	<0.0051	<0.0051	<0.0051
TR10b	10	7/12/2011	<0.50	<10	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
TR10b	13	7/12/2011	<0.50	<10	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
TR10c	0.5	7/12/2011	<0.50	56	280	**336**	<0.0050	<0.0050	<0.0050	<0.0050
TR10c	2	7/12/2011	<0.50	<10	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
TR10c	5	7/12/2011	<0.50	<10	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
TR10c	10	7/12/2011	<0.50	<10	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
TR10c	14	7/12/2011	<0.50	<10	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
TR11a	0.5	7/13/2011	<0.50	200	990	**1,190**	<0.0050	<0.0050	<0.0050	<0.0050
TR11a	2	7/13/2011	<0.50	<10	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
TR11a	5	7/13/2011	<0.48	<10	<50	ND	<0.0048	<0.0048	<0.0048	<0.0048
TR11a	10	7/13/2011	<0.50	<10	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
TR11a	15	7/13/2011	<0.50	19	69	88	<0.0050	<0.0050	<0.0050	<0.0050
TR11b	0.5	7/13/2011	<0.48	1,700	9,300	**11,000**	<0.0048	<0.0048	<0.0048	<0.0048
TR11b	2	7/13/2011	<0.49	<10	<50	ND	<0.0049	<0.0049	<0.0049	<0.0049
TR11b	5	7/13/2011	<0.47	<10	<50	ND	<0.0047	<0.0047	<0.0047	<0.0047
TR11b	10	7/13/2011	<0.50	<10	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
TR11b	15	7/13/2011	<0.49	<10	<50	ND	<0.0049	<0.0049	<0.0049	<0.0049
TR11c	0.5	7/13/2011	<0.48	290	1,100	**1,390**	<0.0048	<0.0048	<0.0048	<0.0048
TR11c	2	7/13/2011	<0.49	66	220	**286**	<0.0049	<0.0049	<0.0049	<0.0049
TR11c	5	7/13/2011	<0.50	18	<50	18	<0.0050	<0.0050	<0.0050	<0.0050
TR11c	10	7/13/2011	<0.49	11	<50	11	<0.0049	<0.0049	<0.0049	<0.0049
TR11c	14	7/13/2011	160	2,700	1,200	**4,060**	<0.045	<0.045	<0.045	<0.045
TR12a	0.5	7/13/2011	<0.49	160	650	**810**	<0.0049	<0.0049	<0.0049	<0.0049
TR12a	2	7/13/2011	<0.49	<10	<50	ND	<0.0049	<0.0049	<0.0049	<0.0049
TR12a	5	7/13/2011	<0.50	150	730	**880**	<0.0050	<0.0050	<0.0050	<0.0050
TR12a	10	7/13/2011	<0.49	24	340	**364**	<0.0049	<0.0049	<0.0049	<0.0049
TR12a	15	7/13/2011	<0.49	<10	<50	ND	<0.0049	<0.0049	<0.0049	<0.0049
TR12b	0.5	7/13/2011	<0.49	230	920	**1,150**	<0.0049	<0.0049	<0.0049	<0.0049
TR12b	2	7/13/2011	<0.50	570	2,300	**2,870**	<0.0050	<0.0050	<0.0050	<0.0050
TR12b	5	7/13/2011	<0.49	580	2,000	**2,580**	<0.0049	<0.0049	<0.0049	<0.0049
TR12b	10	7/13/2011	<0.50	130	400	**530**	<0.0050	<0.0050	<0.0050	<0.0050
TR12b	15	7/13/2011	<0.49	220	770	**990**	<0.0049	<0.0049	<0.0049	<0.0049
TR13a	0.5	7/14/2011	<0.49	180	1,000	**1,180**	<0.0049	<0.0049	<0.0049	<0.0049
TR13a	2	7/14/2011	<0.49	16	<50	16	<0.0049	<0.0049	<0.0049	<0.0049

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Former Orcutt Refinery
1550 West Stowell Road
Santa Maria, California

Sample Location	Depth	Date	TPHg (C4-C12)	TPHd (C13-C22)	TPHo (C23-C40)	Total TPH (C4-C40)	Benzene	Toluene	Ethylbenzene	Total Xylenes
TR13a	5	7/14/2011	<0.49	<10	<50	ND	<0.0049	<0.0049	<0.0049	<0.0049
TR13a	10	7/14/2011	<0.50	<10	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
TR13a	15	7/14/2011	<0.50	13	<50	13	<0.0050	<0.0050	<0.0050	<0.0050
TR13b	0.5	7/14/2011	<0.49	66	300	**366**	<0.0049	<0.0049	<0.0049	<0.0049
TR13b	2	7/14/2011	<0.50	170	520	**690**	<0.0050	<0.0050	<0.0050	<0.0050
TR13b	5	7/14/2011	<0.49	<10	<50	ND	<0.0049	<0.0049	<0.0049	<0.0049
TR13b	10	7/14/2011	<0.49	<10	<50	ND	<0.0049	<0.0049	<0.0049	<0.0049
TR13b	15	7/14/2011	<0.47	<10	<50	ND	<0.0047	<0.0047	<0.0047	<0.0047
TR14a	0.5	7/14/2011	<0.47	<10	<50	ND	<0.0047	<0.0047	<0.0047	<0.0047
TR14a	2	7/14/2011	<0.48	<10	<50	ND	<0.0048	<0.0048	<0.0048	<0.0048
TR14a	5	7/14/2011	<0.49	<10	<50	ND	<0.0049	<0.0049	<0.0049	<0.0049
TR14a	10	7/14/2011	<0.50	<10	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
TR14a	14	7/14/2011	<0.49	<10	<50	ND	<0.0049	<0.0049	<0.0049	<0.0049
TR14b	0.5	7/14/2011	<0.50	550	2,200	**2,750**	<0.0050	<0.0050	<0.0050	<0.0050
TR14b	2	7/14/2011	<0.48	<10	<50	ND	<0.0048	<0.0048	<0.0048	<0.0048
TR14b	5	7/14/2011	<0.50	<10	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
TR14b	10	7/14/2011	<0.47	<10	<50	ND	<0.0047	<0.0047	<0.0047	<0.0047
TR14c	0.5	7/14/2011	<0.49	92	760	**852**	<0.0049	<0.0049	<0.0049	<0.0049
TR14c	2	7/14/2011	<0.49	<10	<50	ND	<0.0049	<0.0049	<0.0049	<0.0049
TR14c	5	7/14/2011	<0.50	<10	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
TR14c	10	7/14/2011	<0.49	<10	<50	ND	<0.0049	<0.0049	<0.0049	<0.0049
TR15a	0.5	7/15/2011	<0.50	17	94	**111**	<0.0050	<0.0050	<0.0050	<0.0050
TR15a	2	7/15/2011	<0.50	850	2,200	**3,050**	<0.0050	<0.0050	<0.0050	<0.0050
TR15a	5	7/15/2011	<0.48	<10	<50	ND	<0.0048	<0.0048	<0.0048	<0.0048
TR15a	10	7/15/2011	<0.48	<10	<50	ND	<0.0048	<0.0048	<0.0048	<0.0048
TR15a	12	7/15/2011	<0.48	46	99	**145**	<0.0048	<0.0048	<0.0048	<0.0048
TR15b	0.5	7/15/2011	<0.48	26	130	**156**	<0.0048	<0.0048	<0.0048	<0.0048
TR15b	2	7/15/2011	<0.49	150	1,200	**1,350**	<0.0049	<0.0049	<0.0049	<0.0049
TR15b	5	7/15/2011	<0.49	<10	<50	ND	<0.0049	<0.0049	<0.0049	<0.0049
TR15b	10	7/15/2011	<0.49	<10	<50	ND	<0.0049	<0.0049	<0.0049	<0.0049
TR15b	15	7/15/2011	<0.49	<10	<50	ND	<0.0049	<0.0049	<0.0049	<0.0049
TR15c	0.5	7/15/2011	<0.48	31	210	**241**	<0.0048	<0.0048	<0.0048	<0.0048
TR15c	2	7/15/2011	<0.48	15	100	**115**	<0.0048	<0.0048	<0.0048	<0.0048
TR15c	5	7/15/2011	<0.50	<10	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
TR15c	10	7/15/2011	<0.50	<10	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
TR15c	14	7/15/2011	<0.50	<10	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
TR16a	0.5	7/15/2011	<0.50	28	100	**128**	<0.0050	<0.0050	<0.0050	<0.0050
TR16a	2	7/15/2011	<0.49	140	730	**870**	<0.0049	<0.0049	<0.0049	<0.0049
TR16a	5	7/15/2011	<0.50	41	<50	41	<0.0050	<0.0050	<0.0050	<0.0050
TR16a	10	7/15/2011	<0.50	<10	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
TR16a	15	7/15/2011	<0.49	<10	<50	ND	<0.0049	<0.0049	<0.0049	<0.0049
TR16b	0.5	7/15/2011	<0.50	120	550	**670**	<0.0050	<0.0050	<0.0050	<0.0050
TR16b	2	7/15/2011	<0.49	<10	<50	ND	<0.0049	<0.0049	<0.0049	<0.0049
TR16b	5	7/15/2011	<0.49	<10	<50	ND	<0.0049	<0.0049	<0.0049	<0.0049
TR16b	10	7/15/2011	<0.50	<10	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
TR16b	15	7/15/2011	<0.49	<10	<50	ND	<0.0049	<0.0049	<0.0049	<0.0049
TR16c	0.5	7/15/2011	<0.49	60	810	**870**	<0.0049	<0.0049	<0.0049	<0.0049
TR16c	2	7/15/2011	<0.50	17	190	**207**	<0.0050	<0.0050	<0.0050	<0.0050
TR16c	5	7/15/2011	<0.49	<10	<50	ND	<0.0049	<0.0049	<0.0049	<0.0049
TR16c	9	7/15/2011	<0.50	1,300	3,500	**4,800**	<0.0050	<0.0050	<0.0050	<0.0050
TR16c	15	7/15/2011	<0.49	<10	<50	ND	<0.0049	<0.0049	<0.0049	<0.0049
TR16d	0.5	7/15/2011	<0.49	72	910	**982**	<0.0049	<0.0049	<0.0049	<0.0049
TR16d	2	7/15/2011	<0.49	<10	<50	ND	<0.0049	<0.0049	<0.0049	<0.0049
TR16d	5	7/15/2011	<0.50	<10	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050

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Santa Maria, California

Sample Location	Depth	Date	TPHg (C4-C12)	TPHd (C13-C22)	TPHo (C23-C40)	Total TPH (C4-C40)	Benzene	Toluene	Ethylbenzene	Total Xylenes
TR16d	10	7/15/2011	<0.49	<10	<50	ND	<0.0049	<0.0049	<0.0049	<0.0049
TR16d	15	7/15/2011	<0.49	<10	<50	ND	<0.0049	<0.0049	<0.0049	<0.0049
MW11	6	8/2/2011	<0.50	<10	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
MW11	16	8/2/2011	<0.50	<10	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
MW11	26	8/2/2011	<0.50	75	200	**275**	<0.0050	<0.0050	<0.0050	<0.0050
MW11	31	8/2/2011	<0.50	<10	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
MW11	56	8/2/2011	29,000	2,900	1,100	**33,000**	<0.047	**56**	**140**	**320**
MW11	61	8/2/2011	250	42	<50	**292**	<0.50	<0.50	1	2.1
MW11	71	8/2/2011	180	57	<50	**237**	<0.50	<0.50	0.72	0.73
MW11	81	8/2/2011	1,400	160	<50	**1,560**	<0.047	<0.047	1.3	0.98
MW11	96	8/2/2011	4.3	150	<50	**154.3**	<0.0050	<0.0050	0.013	0.018
MW11	101	8/2/2011	<0.50	<10	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
MW11	116	8/2/2011	<0.50	<10	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
MW11	129	8/2/2011	<0.49	<10	<50	ND	<0.0049	<0.0049	<0.0049	<0.0049
MW11	50.5	8/2/2011	4,700	1,400	350	**6,450**	<0.49	6.8	20	44
HSA005	25	3/16/2012	<0.50	<10	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
HSA005	35	3/16/2012	310	4,100	710	**5,120**	<0.045	<0.045	0.075	0.1
HSA005	55	3/16/2012	<0.50	<10	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
HSA005	75	3/16/2012	<0.50	<10	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
HSA005	80	3/16/2012	32	610	210	**852**	<0.048	<0.048	<0.048	<0.048
HSA005	85	3/16/2012	<0.50	<10	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
HSA005	100	3/16/2012	<0.50	<10	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
HSA006	25	3/19/2012	<0.50	<10	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
HSA006	45	3/19/2012	<0.50	<20	<100	ND	<0.0050	<0.0050	<0.0050	<0.0050
HSA006	50	3/19/2012	<0.50	<10	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
HSA006	55	3/19/2012	<0.50	<10	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
HSA006	65	3/19/2012	<0.50	<10	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
HSA006	75	3/19/2012	<0.50	<10	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
HSA006	85	3/19/2012	4.0	11	<50	15	<0.0049	<0.0049	<0.0049	<0.0049
HSA006	100	3/19/2012	<0.50	<10	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
HSA007	30	3/20/2012	<0.50	<10	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
HSA007	50	3/20/2012	<0.50	<10	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
HSA007	70	3/20/2012	<0.50	<10	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
HSA007	80	3/20/2012	<0.49	<10	<50	ND	<0.0049	<0.0049	<0.0049	<0.0049
HSA007	84	3/20/2012	1,000	520	<50	**1,520**	<0.98	<0.98	<0.98	<0.98
HSA007	85	3/20/2012	<0.49	<10	<50	ND	<0.0049	<0.0049	<0.0049	<0.0049
HSA007	90	3/20/2012	0.52	<10	<50	0.52	<0.0049	<0.0049	<0.0049	<0.0049
HSA007	100	3/20/2012	<0.49	<10	<50	ND	<0.0049	<0.0049	<0.0049	<0.0049
HSA008	25	3/21/2012	<0.50	<10	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
HSA008	60	3/21/2012	920	970	<50	**1,890**	<0.99	<0.99	<0.99	<0.99
HSA008	70	3/21/2012	530	160	<50	**690**	<0.98	<0.98	<0.98	<0.98
HSA008	80	3/21/2012	1,100	1,700	160	**2,960**	<1.0	<1.0	<1.0	<1.0
HSA008	85	3/21/2012	860	2,200	<250	**3,060**	<0.98	<0.98	<0.98	<0.98
HSA008	90	3/21/2012	<0.50	<10	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
HSA008	95	3/21/2012	<0.50	<10	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
HSA008	100	3/21/2012	0.59	<10	<50	0.59	<0.0050	<0.0050	<0.0050	<0.0050
HSA009	25	3/21/2012	<0.49	<10	<50	ND	<0.0049	<0.0049	<0.0049	<0.0049
HSA009	50	3/21/2012	<0.50	<10	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
HSA009	60	3/22/2012	<0.48	<10	<50	ND	<0.0048	<0.0048	<0.0048	<0.0048
HSA009	75	3/22/2012	<0.48	<10	<50	ND	<0.0048	<0.0048	<0.0048	<0.0048
HSA009	85	3/22/2012	<0.49	<10	<50	ND	<0.0049	<0.0049	<0.0049	<0.0049
HSA009	100	3/22/2012	<0.49	<10	<50	ND	<0.0049	<0.0049	<0.0049	<0.0049
HSA010	25	3/22/2012	<0.50	<10	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
HSA010	50	3/22/2012	<0.49	<10	<50	ND	<0.0049	<0.0049	<0.0049	<0.0049

Table 1
Soil Analytical Results - Total Petroleum Hydrocarbons and BTEX
Former Orcutt Refinery
1550 West Stowell Road
Santa Maria, California

Sample Location	Depth	Date	TPHg (C4-C12)	TPHd (C13-C22)	TPHo (C23-C40)	Total TPH (C4-C40)	Benzene	Toluene	Ethylbenzene	Total Xylenes
HSA010	65	3/22/2012	<0.50	<10	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
HSA010	70	3/22/2012	<0.49	<10	<50	ND	<0.0049	<0.0049	<0.0049	<0.0049
HSA010	80	3/22/2012	<0.50	<10	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
HSA010	90	3/22/2012	<0.49	<10	<50	ND	<0.0049	<0.0049	<0.0049	<0.0049
HSA010	100	3/22/2012	<0.50	<10	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
HSA011	5	3/23/2012	<0.48	<10	<50	ND	<0.0048	<0.0048	<0.0048	<0.0048
HSA011	15	3/23/2012	<0.49	<10	<50	ND	<0.0049	<0.0049	<0.0049	<0.0049
HSA011	25	3/23/2012	<0.50	<10	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
HSA011	35	3/23/2012	<0.49	<10	<50	ND	<0.0049	<0.0049	<0.0049	<0.0049
HSA011	40	3/23/2012	<0.48	<10	<50	ND	<0.0048	<0.0048	<0.0048	<0.0048
HSA012	5	3/26/2012	<0.50	<10	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
HSA012	15	3/26/2012	<0.49	<10	<50	ND	<0.0049	<0.0049	<0.0049	<0.0049
HSA012	25	3/26/2012	<0.50	<10	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
HSA012	35	3/26/2012	<0.48	<10	<50	ND	<0.0048	<0.0048	<0.0048	<0.0048
HSA012	40	3/26/2012	<0.47	<10	<50	ND	<0.0047	<0.0047	<0.0047	<0.0047
HSA013	5	3/26/2012	<0.46	<10	<50	ND	<0.0046	<0.0046	<0.0046	<0.0046
HSA013	10	3/26/2012	<0.48	<10	<50	ND	<0.0048	<0.0048	<0.0048	<0.0048
HSA013	15	3/26/2012	<0.50	<10	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
HSA013	20	3/26/2012	<0.47	<10	<50	ND	<0.0047	<0.0047	<0.0047	<0.0047
HSA013	30	3/26/2012	<0.47	<10	<50	ND	<0.0047	<0.0047	<0.0047	<0.0047
HSA013	40	3/26/2012	<0.50	<10	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
HSA014	5	3/26/2012	<0.48	<10	<50	ND	<0.0048	<0.0048	<0.0048	<0.0048
HSA014	10	3/26/2012	<0.49	<10	<50	ND	<0.0049	<0.0049	<0.0049	<0.0049
HSA014	15	3/26/2012	<0.49	<10	<50	ND	<0.0049	<0.0049	<0.0049	<0.0049
HSA014	20	3/26/2012	<0.48	<10	<50	ND	<0.0048	<0.0048	<0.0048	<0.0048
HSA014	30	3/26/2012	<0.50	<10	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
HSA014	40	3/26/2012	<0.50	<10	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
HSA015	5	3/27/2012	<0.50	700	1,500	**2,200**	<0.0050	<0.0050	<0.0050	<0.0050
HSA015	10	3/27/2012	<0.49	<10	<50	ND	<0.0049	<0.0049	<0.0049	<0.0049
HSA015	15	3/27/2012	<0.50	<10	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
HSA015	20	3/27/2012	<0.49	<10	<50	ND	<0.0049	<0.0049	<0.0049	<0.0049
HSA015	30	3/27/2012	<0.49	<10	<50	ND	<0.0049	<0.0049	<0.0049	<0.0049
HSA015	40	3/27/2012	<0.50	<10	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
HSA016	5	3/27/2012	2,500	2,800	3,200	**8,500**	<0.25	4.2	12	38
HSA016	10	3/27/2012	2,500	1,400	1,300	**5,200**	<0.25	0.96	2.8	27
HSA016	15	3/27/2012	28	430	74	**532**	<0.025	<0.025	<0.025	0.11
HSA016	20	3/27/2012	1.9	110	<50	**111.9**	<0.0049	<0.0049	<0.0049	<0.0049
HSA016	30	3/27/2012	0.77	120	<50	**120.77**	<0.0050	<0.0050	<0.0050	<0.0050
HSA016	40	3/27/2012	3.9	59	<50	62.9	<0.0050	<0.0050	<0.0050	<0.0050
HSA016	50	3/27/2012	18	11	<50	29	<0.025	<0.025	<0.025	<0.025
HSA016	55	3/27/2012	0.54	<10	<50	0.54	<0.0050	<0.0050	<0.0050	<0.0050
HSA017	5	3/27/2012	<0.50	<10	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
HSA017	10	3/27/2012	<0.49	<10	<50	ND	<0.0049	<0.0049	<0.0049	<0.0049
HSA017	15	3/27/2012	<0.50	<10	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
HSA017	25	3/27/2012	6.0	37	<50	43	<0.0051	<0.0051	<0.0051	<0.0051
HSA017	35	3/27/2012	1,100	100	<50	**1,200**	<0.25	<0.25	5.8	6.9
HSA017	45	3/27/2012	3.0	<10	<50	3.0	<0.0050	<0.0050	<0.0050	<0.0050
HSA017	50	3/27/2012	0.74	<10	<50	0.74	<0.0049	<0.0049	<0.0049	<0.0049
HSA018	5	3/28/2012	<0.50	<10	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
HSA018	10	3/28/2012	<0.50	<10	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
HSA018	15	3/28/2012	<0.50	<10	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
HSA018	20	3/28/2012	<0.50	<10	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
HSA018	30	3/28/2012	<0.50	<10	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
HSA018	40	3/28/2012	<0.50	<10	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050

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Sample Location	Depth	Date	TPHg (C4-C12)	TPHd (C13-C22)	TPHo (C23-C40)	Total TPH (C4-C40)	Benzene	Toluene	Ethylbenzene	Total Xylenes
HSA019	5	3/28/2012	<0.50	<10	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
HSA019	10	3/28/2012	<0.50	<10	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
HSA019	15	3/28/2012	<0.50	<10	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
HSA019	20	3/28/2012	<0.50	<10	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
HSA019	30	3/28/2012	<0.49	<10	<50	ND	<0.0049	<0.0049	<0.0049	<0.0049
HSA019	40	3/28/2012	<0.50	<10	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
HSA020	5	3/29/2012	5,700	1,700	1,700	**9,100**	**6.9**	**26**	30	78
HSA020	10	3/29/2012	3,500	330	120	**3,950**	<2.5	<2.5	<2.5	10
HSA020	15	3/29/2012	1,000	280	74	**1,354**	<0.24	<0.24	<0.24	0.59
HSA020	20	3/29/2012	960	140	<50	**1,100**	<0.25	<0.25	<0.25	<0.25
HSA020	30	3/29/2012	<0.50	45	<50	45	<0.0050	<0.0050	<0.0050	<0.0050
HSA020	35	3/29/2012	7.3	44	<50	51.3	<0.0049	<0.0049	0.021	0.054
HSA020	50	3/29/2012	9.2	21	<50	30.2	<0.0049	<0.0049	0.0088	0.0052
HSA020	60	3/29/2012	6.5	<10	<50	6.5	<0.0049	<0.0049	<0.0049	<0.0049
HSA020	65	3/29/2012	1.0	<10	<50	1.0	<0.0050	<0.0050	<0.0050	<0.0050
HSA020	70	3/29/2012	1.1	<10	<50	1.1	<0.0050	<0.0050	<0.0050	<0.0050
HSA021	5	3/29/2012	<0.49	<10	<50	ND	<0.0049	<0.0049	<0.0049	<0.0049
HSA021	10	3/29/2012	<0.50	<10	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
HSA021	15	3/29/2012	<0.49	<10	<50	ND	<0.0049	<0.0049	<0.0049	<0.0049
HSA021	20	3/29/2012	<0.49	<10	<50	ND	<0.0049	<0.0049	<0.0049	<0.0049
HSA021	30	3/29/2012	<0.50	<10	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
HSA021	40	3/29/2012	<0.50	<10	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
HSA021	50	3/29/2012	<0.49	<10	<50	ND	<0.0049	<0.0049	<0.0049	<0.0049
HSA021	60	3/30/2012	<0.50	<10	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
HSA021	70	3/30/2012	<0.50	<10	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
HSA022	5	3/30/2012	<0.50	16	<50	16	<0.0050	<0.0050	<0.0050	<0.0050
HSA022	10	3/30/2012	<0.49	<10	<50	ND	<0.0049	<0.0049	<0.0049	<0.0049
HSA022	15	3/30/2012	<0.47	23	59	82	<0.0047	<0.0047	<0.0047	<0.0047
HSA022	20	3/30/2012	1.1	1,600	820	**2,421**	<0.0048	<0.0048	<0.0048	<0.0048
HSA022	30	3/30/2012	3.2	87	<50	90.2	<0.0049	<0.0049	<0.0049	<0.0049
HSA022	40	3/30/2012	3.1	39	<50	42.1	<0.0047	<0.0047	<0.0047	<0.0047
HSA022	50	3/30/2012	<0.50	<10	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
HSA022	60	3/30/2012	<0.49	<10	<50	ND	<0.0049	<0.0049	<0.0049	<0.0049
HSA022	70	3/30/2012	<0.46	<10	<50	ND	<0.0046	<0.0046	<0.0046	<0.0046
HSA023	10	4/2/2012	<0.49	<10	<50	ND	<0.0049	<0.0049	<0.0049	<0.0049
HSA023	20	4/2/2012	1,800	6,200	62	**8,062**	<2.5	<2.5	<2.5	<2.5
HSA023	40	4/2/2012	380	1,700	<50	**2,080**	<0.25	<0.25	0.36	<0.25
HSA023	50	4/2/2012	290	650	<50	**940**	<0.25	<0.25	<0.25	<0.25
HSA023	60	4/2/2012	3,500	4,600	<50	**8,100**	<2.5	<2.5	<2.5	<2.5
HSA023	70	4/2/2012	1,600	1,400	<50	**3,000**	<2.5	<2.5	<2.5	<2.5
HSA023	80	4/2/2012	2,100	1,700	<50	**3,800**	<2.5	<2.5	<2.5	<2.5
HSA023	90	4/2/2012	<0.49	<10	<50	ND	<0.0049	<0.0049	<0.0049	<0.0049
HSA023	95	4/2/2012	<0.50	<10	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
HSA024	20	4/2/2012	<0.50	<10	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
HSA024	25	4/2/2012	3.4	160	<50	**163.4**	<0.0049	<0.0049	<0.0049	<0.0049
HSA024	30	4/2/2012	1,100	4,100	700	**5,900**	<2.5	<2.5	<2.5	<2.5
HSA024	40	4/3/2012	310	2,100	290	**2,700**	<0.24	<0.24	<0.24	<0.24
HSA024	50	4/3/2012	<0.49	<10	<50	ND	<0.0049	<0.0049	<0.0049	<0.0049
HSA024	60	4/3/2012	<0.48	<10	<50	ND	<0.0048	<0.0048	<0.0048	<0.0048
HSA024	70	4/3/2012	<0.49	<10	<50	ND	<0.0049	<0.0049	<0.0049	<0.0049
HSA024	75	4/3/2012	<0.48	<10	<50	ND	<0.0048	<0.0048	<0.0048	<0.0048
HSA024	80	4/3/2012	<0.47	<10	<50	ND	<0.0047	<0.0047	<0.0047	<0.0047
HSA025	25	4/3/2012	<0.50	<10	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
HSA025	35	4/3/2012	350	3,800	550	**4,700**	0.0065	0.098	1.2	1.4

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Sample Location	Depth	Date	TPHg (C4-C12)	TPHd (C13-C22)	TPHo (C23-C40)	Total TPH (C4-C40)	Benzene	Toluene	Ethylbenzene	Total Xylenes
HSA025	45	4/3/2012	<0.50	14	<50	14	<0.0050	<0.0050	<0.0050	<0.0050
HSA025	55	4/3/2012	1,300	3,700	640	**5,640**	<2.5	<2.5	<2.5	2.6
HSA025	60	4/3/2012	1,200	4,300	710	**6,210**	<2.5	<2.5	<2.5	<2.5
HSA025	70	4/3/2012	<0.50	<10	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
HSA025	75	4/3/2012	26	280	<50	**306**	<0.024	<0.024	<0.024	<0.024
HSA025	85	4/3/2012	1,000	14,000	2,800	**17,800**	<2.5	<2.5	<2.5	<2.5
HSA025	90	4/3/2012	120	2,300	470	**2,890**	<0.25	<0.25	<0.25	<0.25
HSA025	95	4/3/2012	79	490	130	**699**	<0.25	<0.25	<0.25	<0.25
HSA025	100	4/3/2012	<0.50	17	<50	17	<0.0050	<0.0050	<0.0050	<0.0050
HSA026	15	4/4/2012	<0.49	370	630	**1,000**	<0.0049	<0.0049	<0.0049	<0.0049
HSA026	25	4/4/2012	300	1,500	280	**2,080**	<0.022	<0.022	0.092	<0.022
HSA026	40	4/4/2012	71,000	2,700	500	**74,200**	<110	<110	**230**	**220**
HSA026	55	4/4/2012	3,700	19,000	4,300	**27,000**	<98	**160**	**760**	**940**
HSA026	70	4/4/2012	<0.47	<10	<50	ND	<0.0047	<0.0047	<0.0047	<0.0047
HSA026	80	4/4/2012	1.3	19	<50	20.3	<0.0049	<0.0049	<0.0049	<0.0049
HSA026	90	4/4/2012	51,000	140	<50	**51,140**	<81	<81	**170**	**200**
HSA026	100	4/4/2012	720	1,600	270	**2,590**	0.014	0.044	1.2	0.17
HSA027	5	4/4/2012	<0.49	<10	<50	ND	<0.0049	<0.0049	<0.0049	<0.0049
HSA027	10	4/4/2012	<0.49	<10	<50	ND	<0.0049	<0.0049	<0.0049	<0.0049
HSA027	20	4/4/2012	<0.50	<10	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
HSA027	30	4/4/2012	<0.49	<10	<50	ND	<0.0049	<0.0049	<0.0049	<0.0049
HSA027	40	4/4/2012	<0.48	<10	<50	ND	<0.0048	<0.0048	<0.0048	<0.0048
HSA028	25	4/4/2012	270	4,100	2,200	**6,570**	<0.25	<0.25	<0.25	<0.25
HSA028	40	4/4/2012	1,300	11,000	4,700	**17,000**	<2.5	<2.5	<2.5	<2.5
HSA028	55	4/5/2012	380	4,000	1,900	**6,280**	<0.24	<0.24	0.33	<0.24
HSA028	65	4/5/2012	13	3,000	980	**3,993**	<0.023	<0.023	<0.023	<0.023
HSA028	70	4/5/2012	190	1,600	530	**2,320**	<0.25	<0.25	<0.25	<0.25
HSA028	75	4/5/2012	<0.50	24	<50	24	<0.0050	<0.0050	<0.0050	<0.0050
HSA029	20	4/5/2012	170	4,900	3,500	**8,570**	<0.24	<0.24	<0.24	<0.24
HSA029	25	4/5/2012	340	9,800	5,400	**15,540**	<0.25	<0.25	<0.25	<0.25
HSA029	35	4/5/2012	240	6,600	2,300	**9,140**	<0.25	<0.25	<0.25	<0.25
HSA029	45	4/5/2012	170	11,000	3,800	**14,970**	<0.25	<0.25	0.41	<0.25
HSA029	55	4/5/2012	100	18,000	6,400	**24,500**	<0.023	<0.023	0.5	0.11
HSA029	65	4/5/2012	34	5,300	1,600	**6,934**	<0.023	<0.023	0.16	0.067
HSA029	75	4/5/2012	2.6	2,000	650	**2,653**	<0.0050	<0.0050	0.0057	<0.0050
HSA029	80	4/5/2012	86	5,200	2,000	**7,286**	<0.0049	<0.0049	<0.0049	<0.0049
HSA029	85	4/5/2012	<0.48	<10	<50	ND	<0.0049	<0.0049	<0.0049	<0.0049
HA031	2	1/28/2013	<0.50	<10	<50	ND	<0.0049	**0.024**	<0.0049	**0.0054**
HA032	2	1/28/2013	<0.51	**910**	**4,400**	**5,310**	<0.0051	<0.0051	<0.0051	<0.0051
HA033	2	1/28/2013	<0.49	<10	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
HA034	2	1/28/2013	<0.50	<10	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
HA035	2	1/28/2013	<0.50	**48**	**500**	**548**	<0.0049	<0.0049	<0.0049	<0.0049
HA036	2	1/28/2013	<0.49	**250**	**3,100**	**3,350**	<0.024	<0.024	<0.024	<0.024
HA037	5	1/28/2013	<0.50	<10	<50	ND	<0.0051	<0.0051	<0.0051	<0.0051
HA038	2	1/28/2013	<0.49	**280**	**1,800**	**2,080**	<0.0049	<0.0049	<0.0049	<0.0049
HA038	5	1/28/2013	<0.50	**210**	**1,600**	**1,810**	<0.0050	<0.0050	<0.0050	<0.0050
HA039	2	1/28/2013	<0.50	<10	**55**	**55**	<0.0050	<0.0050	<0.0050	<0.0050
HA039	5	1/28/2013	<0.49	<10	**56**	**56**	<0.0050	<0.0050	<0.0050	<0.0050
HA040	2	1/28/2013	<0.49	<10	<50	ND	<0.0048	<0.0048	<0.0048	<0.0048
HA040	5	1/28/2013	<0.50	<10	<50	ND	<0.0049	<0.0049	<0.0049	<0.0049
HA041	2	1/28/2013	<0.50	**850**	**2,000**	**2,850**	<0.024	<0.024	<0.024	<0.024
HA041	5	1/28/2013	**670**	**2,600**	**4,000**	**7,270**	<1.2	<1.2	<1.2	<1.2
HA042	2	1/29/2013	<0.49	**410**	**2,500**	**2,910**	<0.0050	<0.0050	<0.0050	<0.0050
HA042	5	1/29/2013	**17**	**4,300**	**7,100**	**11,417**	<0.24	**0.24**	<0.24	**0.42**

Table 1
Soil Analytical Results - Total Petroleum Hydrocarbons and BTEX
Former Orcutt Refinery
1550 West Stowell Road
Santa Maria, California

Sample Location	Depth	Date	TPHg (C4-C12)	TPHd (C13-C22)	TPHo (C23-C40)	Total TPH (C4-C40)	Benzene	Toluene	Ethylbenzene	Total Xylenes
HA043	2	1/29/2013	<0.49	**1,800**	**7,900**	**9,700**	<0.0050	<0.0050	<0.0050	<0.0050
HA043	5	1/29/2013	**1.8**	**1,100**	**1,200**	**2,302**	**0.26**	**0.7**	**1.2**	**3.3**
HA044	2	1/29/2013	<0.49	**440**	**1,600**	**2,040**	<0.0050	<0.0050	<0.0050	<0.0050
HA044	5	1/29/2013	<0.48	**12**	**51**	**63**	<0.0049	<0.0049	<0.0049	<0.0049
HA045	2	1/29/2013	-	-	-	-	<0.0050	**0.0099**	**0.0078**	**0.093**
HA045	5	1/29/2013	-	-	-	-	<0.0050	<0.0050	<0.0050	<0.0050
HA046	2	1/29/2013	<0.50	**12**	**79**	**91**	<0.0049	<0.0049	<0.0049	<0.0049
HA046	5	1/29/2013	-	-	-	-	<0.0050	<0.0050	<0.0050	<0.0050
HA047	2	1/29/2013	-	-	-	-	<0.0050	<0.0050	<0.0050	<0.0050
HA047	5	1/29/2013	-	-	-	-	<0.0050	<0.0050	<0.0050	<0.0050
HA048	2	1/29/2013	-	-	-	-	<0.0050	<0.0050	<0.0050	<0.0050
HA048	5	1/29/2013	-	-	-	-	<0.0050	<0.0050	<0.0050	<0.0050
HA049	2	1/29/2013	**40**	**3,500**	**6,000**	**9,540**	**0.28**	<0.24	**0.33**	**0.37**
HA049	5	1/29/2013	**240**	**1,200**	**2,800**	**4,240**	**0.32**	<0.25	**1.1**	<0.25
HA050	2	1/29/2013	-	-	-	-	<0.0050	<0.0050	<0.0050	<0.0050
HA050	5	1/29/2013	-	-	-	-	<0.0049	<0.0049	<0.0049	<0.0049
HA051	2	1/29/2013	-	-	-	-	<0.0050	<0.0050	<0.0050	<0.0050
HA051	5	1/29/2013	-	-	-	-	<0.0049	<0.0049	<0.0049	<0.0049
HA052	2	1/30/2013	-	-	-	-	<0.0049	<0.0049	<0.0049	<0.0049
HA052	5	1/30/2013	-	-	-	-	<0.0050	<0.0050	<0.0050	<0.0050
HA053	5	1/30/2013	<0.50	<10	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
SG001	6	1/28/2013	**55**	**1,100**	**8,000**	**9,155**	<0.24	**0.26**	**0.41**	**1.3**
SG006	10	1/29/2013	**970**	**2,100**	**2,900**	**5,970**	**3**	<2.5	**9.2**	**26**
SG006	15	1/29/2013	**1,900**	**6,000**	**5,600**	**13,500**	**3.7**	**6.7**	**4.9**	**16**
SG17	3	6/18/2013	<0.50	**11**	**54**	**65**	<0.0050	<0.0050	<0.0050	<0.0050
SG17	10	6/18/2013	<0.50	<10	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
SG17	15	6/18/2013	<0.49	<10	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
SG18	3	6/18/2013	<0.49	<10	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
SG18	10	6/18/2013	<0.50	<10	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
SG18	15	6/18/2013	<0.50	<10	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
SG19	5	6/18/2013	<0.48	<10	<50	ND	<0.0047	<0.0047	<0.0047	<0.0047
SG19	10	6/18/2013	<0.49	<10	<50	ND	<0.0047	<0.0047	<0.0047	<0.0047
SG19	15	6/18/2013	<0.51	<10	<50	ND	<0.0047	<0.0047	<0.0047	<0.0047
SG20	3	6/18/2013	**40**	**21,000**	**39,000**	**60,040**	<2.5	<2.5	**15**	<2.5
SG20	5	6/18/2013	**74**	**310**	**570**	**954**	<0.25	<0.25	<0.25	<0.25
SG20	10	6/18/2013	<0.50	<10	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
SG20	15	6/18/2013	<0.50	<10	<50	ND	<0.0049	<0.0049	<0.0049	<0.0049
SG21	5	6/18/2013	<0.50	<10	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
SG21	10	6/18/2013	<0.51	<10	<50	ND	<0.0049	<0.0049	<0.0049	<0.0049
SG21	15	6/18/2013	<0.48	<10	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
SG22	5	6/18/2013	**1,100**	**1,900**	**3,600**	**6,600**	<0.59	<0.59	<0.59	<0.59
SG22	10	6/18/2013	**2,300**	**550**	**620**	**3,470**	<2.5	<2.5	<2.5	**10**
SG22	15	6/18/2013	**2,200**	**790**	**360**	**3,350**	<0.60	<0.60	**1.2**	**8.4**
SG23	5	6/19/2013	<0.50	<10	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
SG23	10	6/19/2013	<0.50	<10	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
SG23	15	6/19/2013	<0.49	<10	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
SBFPD Investigation Levels						**100**	**0.1**	**15**	**70**	**175**

Notes:

All results in milligrams per kilogram (mg/kg)

<10: Concentration less than the associated laboratory Reporting Limit (RL).

J: Estimated concentration detected between the Method Detection Limit and the Reporting Limit.

B: Detected in associated method blank.

ND: Not Detected.

Table 1
Soil Analytical Results - Total Petroleum Hydrocarbons and BTEX
Former Orcutt Refinery
1550 West Stowell Road
Santa Maria, California

Sample Location	Depth	Date	TPHg (C4-C12)	TPHd (C13-C22)	TPHo (C23-C40)	Total TPH (C4-C40)	Benzene	Toluene	Ethylbenzene	Total Xylenes

Bold: Concentration > SBFPPD Investigation Level

EPA Method 8260B/LUFT

Table 2
Soil Analytical Results - Volatile Organic Compounds
Former Orcutt Refinery
1550 West Stowell Road

Sample Location	Depth	Date	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	1,2-Dibromoethane (EDB)	1,2-Dichlorobenzene	1,2-Dichloroethane
B2	90	11/19/2003	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	0.094	<0.005	<0.005	<0.005	<0.005
B3	90	11/19/2003	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
SB1	20	9/9/2003	<0.100	<0.100	<0.100	<0.100	<0.100	<0.100	<0.100	<0.100	<0.100	<0.100	0.96	<0.100	<0.100	<0.100	<0.100
SB2	20	9/9/2003	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
SB3	40	9/9/2003	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	0.62	<0.010	<0.010	<0.010	<0.010
SB4	40	9/9/2003	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	0.08	<0.005	<0.005	<0.005	<0.005
SB5	20	9/10/2003	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
SB8	70	9/10/2003	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	5	<0.1	<0.1	<0.1	<0.1
SB12	10	9/11/2003	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
SB13	10	7/27/2004	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	0.51	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
SB14	10	9/11/2004	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	0.78	<0.1	1.5	<0.1	<0.1	<0.1	<0.1
SB15	10	9/12/2003	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	0.44	<0.010	0.27	<0.010	<0.010	<0.010	<0.010
SB17	40	9/12/2003	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	0.068	<0.005	<0.005	<0.005	<0.005
SB20	30	9/17/2003	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	3.3	<0.05	<0.05	<0.05	<0.05
SB20	60	9/17/2003	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	0.045	<0.005	<0.005	<0.005	<0.005
SB20	87	9/17/2003	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	0.07	<0.005	<0.005	<0.005	<0.005
SB21	30	9/17/2003	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
SB25	20	9/18/2003	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	2.5	<0.1	<0.1	<0.1	<0.1
SB32	5	9/19/2003	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
SB35	10	7/26/2004	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	8.8	<2	<2	<2	<2
SB37	33	7/26/2004	<2	<2	<2	<2	<2	<2	<2	<4	<2	<4	12	<4	<2	<2	<2
SB45	15	7/27/2004	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.04	<0.02	<0.04	<0.02	<0.04	<0.02	<0.02	<0.02
SB50	13	7/27/2004	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.01	<0.005	<0.01	0.013	<0.01	<0.005	<0.005	<0.005
SB53	8	7/27/2004	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	9.7	<1	<1	<1	<1
AOCI-TP1	2	1/28/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
AOCI-TP1	4	1/28/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
AOCI-TP1	15	1/28/2008	<0.62	<0.62	<0.62	<0.62	<0.62	<0.62	<0.62	<0.62	<0.62	<0.62	22	<0.62	<0.62	<0.62	<0.62
AOCI-TP2	2	1/29/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
AOCI-TP2	8	1/29/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
AOCI-TP2	11	1/29/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	0.026	<0.0050	<0.0050	<0.0050	<0.0050
AOCI-TP3	5	1/29/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050

Table 2
Soil Analytical Results - Volatile Organic Compounds
Former Orcutt Refinery
1550 West Stowell Road

Sample Location	Depth	Date	1,2-Dichloropropane	1,3,5-Trimethylbenzene	1,3-Dichlorobenzene	1,3-Dichloropropane	1,4-Dichlorobenzene	2,2-Dichloropropane	2-Butanone	2-Chloroethylvinyl ether	2-Chlorotoluene	4-Chlorotoluene	4-Isopropyl Toluene	Benzene	Bromobenzene	Bromochloromethane	Bromodichloromethane
B2	90	11/19/2003	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	-	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
B3	90	11/19/2003	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	-	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
SB1	20	9/9/2003	<0.100	<0.100	<0.100	<0.100	<0.100	<0.100	-	<0.100	<0.100	<0.100	<0.100	**2.2**	<0.100	<0.100	<0.100
SB2	20	9/9/2003	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	-	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
SB3	40	9/9/2003	<0.010	0.07	<0.010	<0.010	<0.010	<0.010	-	<0.010	<0.010	<0.010	0.18	<0.010	<0.010	<0.010	<0.010
SB4	40	9/9/2003	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	-	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
SB5	20	9/10/2003	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	-	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
SB8	70	9/10/2003	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	-	<0.1	1.7	<0.1	2.9	<0.1	<0.1	<0.1	<0.1
SB12	10	9/11/2003	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	-	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
SB13	10	7/27/2004	<0.05	0.27	<0.05	<0.05	<0.05	<0.05	-	<0.05	<0.05	<0.05	0.19	**0.68**	<0.05	<0.05	<0.05
SB14	10	9/11/2004	<0.1	0.79	<0.1	<0.1	<0.1	<0.1	-	<0.1	<0.1	<0.1	0.22	**2.7**	<0.1	<0.1	<0.1
SB15	10	9/12/2003	<0.010	0.05	<0.010	<0.010	<0.010	<0.010	-	<0.010	0.03	0.03	0.19	**0.33**	<0.010	<0.010	<0.010
SB17	40	9/12/2003	<0.005	0.02	<0.005	<0.005	<0.005	<0.005	-	<0.005	<0.005	<0.005	0.014	<0.005	<0.005	<0.005	<0.005
SB20	30	9/17/2003	<0.05	1.6	<0.05	<0.05	<0.05	<0.05	-	<0.05	<0.05	<0.05	0.88	<0.05	<0.05	<0.05	<0.05
SB20	60	9/17/2003	<0.005	0.022	<0.005	<0.005	<0.005	<0.005	-	<0.005	<0.005	<0.005	0.013	<0.005	<0.005	<0.005	<0.005
SB20	87	9/17/2003	<0.005	0.01	<0.005	<0.005	<0.005	<0.005	-	<0.005	<0.005	<0.005	0.015	<0.005	<0.005	<0.005	<0.005
SB21	30	9/17/2003	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	-	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
SB25	20	9/18/2003	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	-	<0.1	<0.1	<0.1	<0.1	**1.3**	<0.1	<0.1	<0.1
SB32	5	9/19/2003	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	-	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
SB35	10	7/26/2004	<2	2.6	<2	<2	<2	<2	-	<2	<2	<2	<2	**3.4**	<2	<2	<2
SB37	33	7/26/2004	<2	<2	<2	<2	<2	<2	-	<4	<2	<2	2.1	<2	<2	<2	<2
SB45	15	7/27/2004	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	-	<0.04	<0.02	<0.02	<0.02	**0.25**	<0.02	<0.02	<0.02
SB50	13	7/27/2004	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	-	<0.01	<0.005	<0.005	<0.005	0.021	<0.005	<0.005	<0.005
SB53	8	7/27/2004	<1	6.2	<1	<1	<1	<1	-	<1	<1	<1	1.9	**7.1**	<1	<1	<1
AOCI-TP1	2	1/28/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
AOCI-TP1	4	1/28/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
AOCI-TP1	15	1/28/2008	<0.62	6	<0.62	<0.62	<0.62	<0.62	-	<0.62	<0.62	<0.62	5.3	**9.5**	<0.62	<0.62	<0.62
AOCI-TP2	2	1/29/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
AOCI-TP2	8	1/29/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
AOCI-TP2	11	1/29/2008	<0.0050	0.015	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
AOCI-TP3	5	1/29/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050

Table 2
Soil Analytical Results - Volatile Organic Compounds
Former Orcutt Refinery
1550 West Stowell Road

Sample Location	Depth	Date	Bromoform	Bromomethane	Carbon tetrachloride	Chlorobenzene	Chloroethane	Chloroform	Chloromethane	cis-1,2-Dichloroethene	cis-1,3-Dichloropropene	Dibromochloromethane	Dibromomethane	Dichlorodifluoromethane	Dichlorotrifluoroethane	Diisopropyl Ether	Ethyl t-Butyl Ether
B2	90	11/19/2003	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	-	-
B3	90	11/19/2003	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	-	-
SB1	20	9/9/2003	<0.100	<0.100	<0.100	<0.100	<0.100	<0.100	<0.100	<0.100	<0.100	<0.100	<0.100	<0.100	<0.100	-	-
SB2	20	9/9/2003	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	-	-
SB3	40	9/9/2003	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	-	-
SB4	40	9/9/2003	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	-	-
SB5	20	9/10/2003	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	-	-
SB8	70	9/10/2003	<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	-	-
SB12	10	9/11/2003	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005		
SB13	10	7/27/2004	<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		
SB14	10	9/11/2004	<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		
SB15	10	9/12/2003	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	-	-
SB17	40	9/12/2003	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	-	-
SB20	30	9/17/2003	<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	-	-
SB20	60	9/17/2003	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	-	-
SB20	87	9/17/2003	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	-	-
SB21	30	9/17/2003	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	-	-
SB25	20	9/18/2003	<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	-	-
SB32	5	9/19/2003	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	-	-
SB35	10	7/26/2004	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2		
SB37	33	7/26/2004	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	-	-
SB45	15	7/27/2004	<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	-	-
SB50	13	7/27/2004	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	-	-
SB53	8	7/27/2004	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1		
AOCI-TP1	2	1/28/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	-	-
AOCI-TP1	4	1/28/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	-	-
AOCI-TP1	15	1/28/2008	<0.62	<0.62	<0.62	<0.62	<0.62	<0.62	<0.62	<0.62	<0.62	<0.62	<0.62	<0.62	-	-	-
AOCI-TP2	2	1/29/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	-	-
AOCI-TP2	8	1/29/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	-	-
AOCI-TP2	11	1/29/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	-	-
AOCI-TP3	5	1/29/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	-	-

Table 2
Soil Analytical Results - Volatile Organic Compounds
Former Orcutt Refinery
1550 West Stowell Road

Sample Location	Depth	Date	Ethylbenzene	Hexachlorobutadiene	Isopropylbenzene	Methylene Chloride	Methyl-t-butyl ether	Naphthalene	n-Butylbenzene	n-Propylbenzene	sec-Butylbenzene	Styrene	t-Amyl Methyl Ether	t-Butyl alcohol	tert-Butylbenzene	Tetrachloroethene (PCE)	Toluene
B2	90	11/19/2003	<0.005	<0.005	0.013	<0.005	-	<0.005	<0.005	0.22	<0.005	<0.005	-	-	<0.005	<0.005	<0.005
B3	90	11/19/2003	<0.005	<0.005	<0.005	<0.005	-	<0.005	<0.005	<0.005	<0.005	<0.005	-	-	<0.005	<0.005	<0.005
SB1	20	9/9/2003	3.5	<0.100	0.32	<0.100	-	<0.100	<0.100	0.39	<0.100	0.8	-	-	<0.100	<0.100	4
SB2	20	9/9/2003	<0.005	<0.005	<0.005	<0.005	-	<0.005	<0.005	<0.005	<0.005	<0.005	-	-	<0.005	<0.005	<0.005
SB3	40	9/9/2003	0.07	<0.010	0.14	<0.010	-	0.04	0.13	0.25	<0.010	<0.010	-	-	<0.010	<0.010	<0.010
SB4	40	9/9/2003	0.03	<0.005	<0.005	<0.005	-	<0.005	<0.005	<0.005	<0.005	<0.005	-	-	<0.005	<0.005	<0.005
SB5	20	9/10/2003	<0.005	<0.005	<0.005	<0.005	-	<0.005	<0.005	<0.005	<0.005	<0.005	-	-	<0.005	<0.005	<0.005
SB8	70	9/10/2003	0.1	<0.1	0.51	<0.1	-	1.4	3.4	1.5	2	<0.1	-	-	<0.1	<0.1	<0.1
SB12	10	9/11/2003	<0.005	<0.005	<0.005	<0.005		<0.005	<0.005	<0.005	<0.005	<0.005	-	-	<0.005	<0.005	<0.005
SB13	10	7/27/2004	0.35	<0.05	<0.05	<0.05		<0.05	0.11	0.11	<0.05	0.12	-	-	<0.05	<0.05	0.17
SB14	10	9/11/2004	2.1	<0.1	0.42	<0.1		0.56	<0.1	0.13	<0.1	<0.1	-	-	<0.1	<0.1	3.7
SB15	10	9/12/2003	0.76	<0.010	0.22	<0.010	-	<0.010	0.16	0.29	0.17	<0.010	-	-	<0.010	<0.010	0.07
SB17	40	9/12/2003	0.012	<0.005	<0.005	<0.005	-	0.03	0.016	0.016	0.012	<0.005	-	-	<0.005	<0.005	<0.005
SB20	30	9/17/2003	0.45	<0.05	0.23	<0.05	-	<0.05	0.33	0.51	<0.05	<0.05	-	-	<0.05	<0.05	<0.05
SB20	60	9/17/2003	0.01	<0.005	<0.005	<0.005	-	<0.005	<0.005	0.007	<0.005	<0.005	-	-	<0.005	<0.005	0.014
SB20	87	9/17/2003	0.014	<0.005	0.006	<0.005	-	<0.005	0.005	0.015	<0.005	<0.005	-	-	<0.005	<0.005	<0.005
SB21	30	9/17/2003	<0.005	<0.005	<0.005	<0.005	-	<0.005	<0.005	<0.005	<0.005	<0.005	-	-	<0.005	<0.005	<0.005
SB25	20	9/18/2003	2	<0.1	0.2	<0.1	-	<0.1	<0.1	2.4	<0.1	<0.1	-	-	<0.1	<0.1	3.4
SB32	5	9/19/2003	0.011	<0.005	<0.005	<0.005	-	<0.005	<0.005	<0.005	<0.005	<0.005	-	-	<0.005	<0.005	0.013
SB35	10	7/26/2004	5.2	<2	<2	<2		**8.7**	<2	<2	<2	<2	-	-	<2	<2	<2
SB37	33	7/26/2004	<2	<2	<2	<2	-	<2	<2	<2	2	<2	-	-	<2	<2	<2
SB45	15	7/27/2004	0.19	<0.02	0.027	<0.02	-	<0.02	<0.02	0.041	<0.02	<0.02	-	-	<0.02	<0.02	<0.02
SB50	13	7/27/2004	0.015	<0.005	<0.005	<0.005	-	1.5	<0.005	<0.005	<0.005	<0.005	-	-	<0.005	<0.005	0.011
SB53	8	7/27/2004	10	<1	<1	<1		**6.5**	<1	3.2	<1	<1	-	-	<1	<1	**21**
AOCI-TP1	2	1/28/2008	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	-	<0.0050	<0.0050	<0.0050
AOCI-TP1	4	1/28/2008	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	-	<0.0050	<0.0050	<0.0050
AOCI-TP1	15	1/28/2008	32	<0.62	7.7	<0.62	-	**6.3**	7.6	16	6.3	<0.62	-	-	<0.62	<0.62	**37**
AOCI-TP2	2	1/29/2008	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	-	<0.0050	<0.0050	<0.0050
AOCI-TP2	8	1/29/2008	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	-	<0.0050	<0.0050	<0.0050
AOCI-TP2	11	1/29/2008	0.0055	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050	0.0074	<0.0050	<0.0050	-	-	<0.0050	<0.0050	<0.0050
AOCI-TP3	5	1/29/2008	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	-	<0.0050	<0.0050	<0.0050

Table 2
Soil Analytical Results - Volatile Organic Compounds
Former Orcutt Refinery
1550 West Stowell Road

Sample Location	Depth	Date	trans-1,2-Dichloroethene	trans-1,3-Dichloropropene	Trichloroethene (TCE)	Trichlorofluoromethane	Trichlorotrifluoroethane	Vinyl Chloride	Xylenes (total)
B2	90	11/19/2003	<0.005	<0.005	<0.005	<0.005	-	<0.005	<0.005
B3	90	11/19/2003	<0.005	<0.005	<0.005	<0.005	-	<0.005	<0.005
SB1	20	9/9/2003	<0.100	<0.100	<0.100	<0.100	-	<0.100	6.8
SB2	20	9/9/2003	<0.005	<0.005	<0.005	<0.005	-	<0.005	<0.005
SB3	40	9/9/2003	<0.010	<0.010	<0.010	<0.010	-	<0.010	0.16
SB4	40	9/9/2003	<0.005	<0.005	<0.005	<0.005	-	<0.005	<0.005
SB5	20	9/10/2003	<0.005	<0.005	<0.005	<0.005	-	<0.005	<0.005
SB8	70	9/10/2003	<0.1	<0.1	<0.1	<0.1	-	<0.1	<0.1
SB12	10	9/11/2003	<0.005	<0.005	<0.005	<0.005		<0.005	<0.005
SB13	10	7/27/2004	<0.05	<0.05	<0.05	<0.05		<0.05	0.68
SB14	10	9/11/2004	<0.1	<0.1	<0.1	<0.1		<0.1	4.4
SB15	10	9/12/2003	<0.010	<0.010	<0.010	<0.010	-	<0.010	0.27
SB17	40	9/12/2003	<0.005	<0.005	<0.005	<0.005	-	<0.005	0.03
SB20	30	9/17/2003	<0.05	<0.05	<0.05	<0.05	-	<0.05	1.4
SB20	60	9/17/2003	<0.005	<0.005	<0.005	<0.005	-	<0.005	0.023
SB20	87	9/17/2003	<0.005	<0.005	<0.005	<0.005	-	<0.005	<0.005
SB21	30	9/17/2003	<0.005	<0.005	<0.005	<0.005	-	<0.005	<0.005
SB25	20	9/18/2003	<0.1	<0.1	<0.1	<0.1	-	<0.1	8
SB32	5	9/19/2003	<0.005	<0.005	<0.005	<0.005	-	<0.005	0.013
SB35	10	7/26/2004	<2	<2	<2	<2		<2	8
SB37	33	7/26/2004	<2	<2	<2	<2	-	<2	2.5
SB45	15	7/27/2004	<0.02	<0.02	<0.02	<0.02	-	<0.02	0.14
SB50	13	7/27/2004	<0.005	<0.005	<0.005	<0.005	-	<0.005	0.035
SB53	8	7/27/2004	<1	<1	<1	<1		<1	18
AOCI-TP1	2	1/28/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
AOCI-TP1	4	1/28/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
AOCI-TP1	15	1/28/2008	<0.62	<0.62	<0.62	<0.62	<0.62	<0.62	63
AOCI-TP2	2	1/29/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
AOCI-TP2	8	1/29/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
AOCI-TP2	11	1/29/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	0.013
AOCI-TP3	5	1/29/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050

Table 2
Soil Analytical Results - Volatile Organic Compounds
Former Orcutt Refinery
1550 West Stowell Road

Sample Location	Depth	Date	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	1,2-Dibromoethane (EDB)	1,2-Dichlorobenzene	1,2-Dichloroethane
AOCI-TP3	10	1/29/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
AOCI-TP3	12	1/29/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	0.019	<0.0050	<0.0050	<0.0050	<0.0050
AOCI-TP5	2	1/30/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
AOCI-TP5	10	1/30/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
AOCI-TP5	15	1/30/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
AOCI-TP5	17	1/30/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
AOCI-TP6	10	1/30/2008	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	0.36	<0.025	<0.025	<0.025	<0.025
AOCI-TP6	14	1/30/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
AOCI-TP6	18	1/30/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	0.034	<0.0050	<0.0050	<0.0050	<0.0050
AOCI-TP7	10	1/30/2008	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	2.2	<0.025	<0.025	<0.025	<0.025
AOCI-TP8	8	1/30/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
AOCI-TP8	12	1/30/2008	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	0.4	<0.025	<0.025	<0.025	<0.025
AOCI-TP9	4	1/31/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
AOCI-TP9	14	1/31/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
AOCI-TP9	15	1/31/2008	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	0.066	<0.025	<0.025	<0.025	<0.025
AOCI-TP10	10	1/31/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
AOCI-TP10	19	1/31/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
MW8	110	7/18/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
MW8	110.5	7/18/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
MW8	111	7/18/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
MW8	111.5	7/18/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QA-SB/TP17	3	12/1/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QA-SB/TP17	10	12/4/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QA-SB/TP17	15	12/4/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QA-SB/TP17	20	12/4/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QA-SB/TP17	25	12/4/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QA-SB/TP18	5	12/1/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QA-SB/TP18	10	12/5/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QA-SB/TP18	15	12/5/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QA-SB/TP19	5	12/1/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QA-SB/TP19	10	12/5/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050

Table 2
Soil Analytical Results - Volatile Organic Compounds
Former Orcutt Refinery
1550 West Stowell Road

Sample Location	Depth	Date	1,2-Dichloropropane	1,3,5-Trimethylbenzene	1,3-Dichlorobenzene	1,3-Dichloropropane	1,4-Dichlorobenzene	2,2-Dichloropropane	2-Butanone	2-Chloroethylvinyl ether	2-Chlorotoluene	4-Chlorotoluene	4-Isopropyl Toluene	Benzene	Bromobenzene	Bromochloromethane	Bromodichloromethane
AOCI-TP3	10	1/29/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
AOCI-TP3	12	1/29/2008	<0.0050	0.011	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050	<0.0050	<0.0050	0.02	<0.0050	<0.0050	<0.0050
AOCI-TP5	2	1/30/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
AOCI-TP5	10	1/30/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050	<0.0050	<0.0050	0.025	<0.0050	<0.0050	<0.0050
AOCI-TP5	15	1/30/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
AOCI-TP5	17	1/30/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
AOCI-TP6	10	1/30/2008	<0.025	0.1	<0.025	<0.025	<0.025	<0.025	-	<0.025	<0.025	<0.025	0.036	**0.27**	<0.025	<0.025	<0.025
AOCI-TP6	14	1/30/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
AOCI-TP6	18	1/30/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050	<0.0050	0.006	<0.0050	<0.0050	<0.0050	<0.0050
AOCI-TP7	10	1/30/2008	<0.025	0.81	<0.025	<0.025	<0.025	<0.025	-	<0.025	<0.025	<0.025	0.25	**1.4**	<0.025	<0.025	<0.025
AOCI-TP8	8	1/30/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
AOCI-TP8	12	1/30/2008	<0.025	0.096	<0.025	<0.025	<0.025	<0.025	-	<0.025	<0.025	<0.025	0.096	**0.34**	<0.025	<0.025	<0.025
AOCI-TP9	4	1/31/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
AOCI-TP9	14	1/31/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
AOCI-TP9	15	1/31/2008	<0.025	0.048	<0.025	<0.025	<0.025	<0.025	-	<0.025	<0.025	<0.025	<0.025	0.027	<0.025	<0.025	<0.025
AOCI-TP10	10	1/31/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
AOCI-TP10	19	1/31/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
MW8	110	7/18/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
MW8	110.5	7/18/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
MW8	111	7/18/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
MW8	111.5	7/18/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QA-SB/TP17	3	12/1/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QA-SB/TP17	10	12/4/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QA-SB/TP17	15	12/4/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QA-SB/TP17	20	12/4/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QA-SB/TP17	25	12/4/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QA-SB/TP18	5	12/1/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QA-SB/TP18	10	12/5/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QA-SB/TP18	15	12/5/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QA-SB/TP19	5	12/1/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	<0.0050	<0.0050	<0.0050	<0.0050	0.0012J	<0.0050	<0.0050	<0.0050
QA-SB/TP19	10	12/5/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050

Table 2
Soil Analytical Results - Volatile Organic Compounds
Former Orcutt Refinery
1550 West Stowell Road

Sample Location	Depth	Date	Bromoform	Bromomethane	Carbon tetrachloride	Chlorobenzene	Chloroethane	Chloroform	Chloromethane	cis-1,2-Dichloroethene	cis-1,3-Dichloropropene	Dibromochloromethane	Dibromomethane	Dichlorodifluoromethane	Dichlorotrifluoroethane	Diisopropyl Ether	Ethyl t-Butyl Ether
AOCI-TP3	10	1/29/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	-	-
AOCI-TP3	12	1/29/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	-	-
AOCI-TP5	2	1/30/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	-	-
AOCI-TP5	10	1/30/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	-	-
AOCI-TP5	15	1/30/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	-	-
AOCI-TP5	17	1/30/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	-	-
AOCI-TP6	10	1/30/2008	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	-	-	-
AOCI-TP6	14	1/30/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	-	-
AOCI-TP6	18	1/30/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	-	-
AOCI-TP7	10	1/30/2008	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	-	-	-
AOCI-TP8	8	1/30/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	-	-
AOCI-TP8	12	1/30/2008	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	-	-	-
AOCI-TP9	4	1/31/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	-	-
AOCI-TP9	14	1/31/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	-	-
AOCI-TP9	15	1/31/2008	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	-	-	-
AOCI-TP10	10	1/31/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	-	-
AOCI-TP10	19	1/31/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	-	-
MW8	110	7/18/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	-	-
MW8	110.5	7/18/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	-	-
MW8	111	7/18/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	-	-
MW8	111.5	7/18/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	-	-
QA-SB/TP17	3	12/1/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QA-SB/TP17	10	12/4/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QA-SB/TP17	15	12/4/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QA-SB/TP17	20	12/4/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QA-SB/TP17	25	12/4/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QA-SB/TP18	5	12/1/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QA-SB/TP18	10	12/5/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QA-SB/TP18	15	12/5/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QA-SB/TP19	5	12/1/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QA-SB/TP19	10	12/5/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050

Table 2
Soil Analytical Results - Volatile Organic Compounds
Former Orcutt Refinery
1550 West Stowell Road

Sample Location	Depth	Date	Ethylbenzene	Hexachlorobutadiene	Isopropylbenzene	Methylene Chloride	Methyl-t-butyl ether	Naphthalene	n-Butylbenzene	n-Propylbenzene	sec-Butylbenzene	Styrene	t-Amyl Methyl Ether	t-Butyl alcohol	tert-Butylbenzene	Tetrachloroethene (PCE)	Toluene
AOCI-TP3	10	1/29/2008	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	-	<0.0050	<0.0050	<0.0050
AOCI-TP3	12	1/29/2008	0.021	<0.0050	<0.0050	<0.0050	-	0.022	<0.0050	0.0058	0.014	<0.0050	-	-	<0.0050	<0.0050	<0.0050
AOCI-TP5	2	1/30/2008	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	-	<0.0050	<0.0050	<0.0050
AOCI-TP5	10	1/30/2008	0.039	<0.0050	0.0084	<0.0050	-	0.052	0.0059	0.015	<0.0050	<0.0050	-	-	<0.0050	<0.0050	<0.0050
AOCI-TP5	15	1/30/2008	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	-	<0.0050	<0.0050	<0.0050
AOCI-TP5	17	1/30/2008	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	-	<0.0050	<0.0050	<0.0050
AOCI-TP6	10	1/30/2008	0.28	<0.025	0.044	<0.025	-	0.25	0.029	0.08	0.26	<0.025	-	-	<0.025	<0.025	0.62
AOCI-TP6	14	1/30/2008	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	-	<0.0050	<0.0050	<0.0050
AOCI-TP6	18	1/30/2008	0.026	<0.0050	0.0083	<0.0050	-	0.021	0.0052	0.017	0.0069	<0.0050	-	-	<0.0050	<0.0050	<0.0050
AOCI-TP7	10	1/30/2008	1.5	<0.025	0.24	<0.025	-	0.48	0.14	0.61	0.16	<0.025	-	-	<0.025	<0.025	1.7
AOCI-TP8	8	1/30/2008	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	-	<0.0050	<0.0050	<0.0050
AOCI-TP8	12	1/30/2008	0.46	<0.025	0.1	<0.025	-	0.17	0.062	0.17	0.069	<0.025	-	-	<0.025	<0.025	0.14
AOCI-TP9	4	1/31/2008	<0.0050	<0.0050	<0.0050	<0.0050	-	0.0069	<0.0050	<0.0050	<0.0050	<0.0050	-	-	<0.0050	<0.0050	<0.0050
AOCI-TP9	14	1/31/2008	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	-	<0.0050	<0.0050	<0.0050
AOCI-TP9	15	1/31/2008	0.065	<0.025	<0.025	<0.025	-	<0.025	<0.025	<0.025	<0.025	<0.025	-	-	<0.025	<0.025	<0.025
AOCI-TP10	10	1/31/2008	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	-	<0.0050	<0.0050	<0.0050
AOCI-TP10	19	1/31/2008	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	-	<0.0050	<0.0050	<0.0050
MW8	110	7/18/2008	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	-	<0.0050	<0.0050	<0.0050
MW8	110.5	7/18/2008	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	-	<0.0050	<0.0050	<0.0050
MW8	111	7/18/2008	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	-	<0.0050	<0.0050	<0.0050
MW8	111.5	7/18/2008	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	-	<0.0050	<0.0050	<0.0050
QA-SB/TP17	3	12/1/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.025	<0.0050	<0.0050	<0.0050
QA-SB/TP17	10	12/4/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.025	<0.0050	<0.0050	<0.0050
QA-SB/TP17	15	12/4/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.025	<0.0050	<0.0050	<0.0050
QA-SB/TP17	20	12/4/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.025	<0.0050	<0.0050	<0.0050
QA-SB/TP17	25	12/4/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.025	<0.0050	<0.0050	<0.0050
QA-SB/TP18	5	12/1/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.025	<0.0050	<0.0050	<0.0050
QA-SB/TP18	10	12/5/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.025	<0.0050	<0.0050	<0.0050
QA-SB/TP18	15	12/5/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.025	<0.0050	<0.0050	<0.0050
QA-SB/TP19	5	12/1/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.025	<0.0050	<0.0050	<0.0050
QA-SB/TP19	10	12/5/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.025	<0.0050	<0.0050	<0.0050

Table 2
Soil Analytical Results - Volatile Organic Compounds
Former Orcutt Refinery
1550 West Stowell Road

Sample Location	Depth	Date	trans-1,2-Dichloroethene	trans-1,3-Dichloropropene	Trichloroethene (TCE)	Trichlorofluoromethane	Trichlorotrifluoroethane	Vinyl Chloride	Xylenes (total)
AOCI-TP3	10	1/29/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
AOCI-TP3	12	1/29/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	0.03
AOCI-TP5	2	1/30/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
AOCI-TP5	10	1/30/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
AOCI-TP5	15	1/30/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
AOCI-TP5	17	1/30/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
AOCI-TP6	10	1/30/2008	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	1
AOCI-TP6	14	1/30/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
AOCI-TP6	18	1/30/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	0.017
AOCI-TP7	10	1/30/2008	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	4.5
AOCI-TP8	8	1/30/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
AOCI-TP8	12	1/30/2008	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	0.45
AOCI-TP9	4	1/31/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
AOCI-TP9	14	1/31/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
AOCI-TP9	15	1/31/2008	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	0.087
AOCI-TP10	10	1/31/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
AOCI-TP10	19	1/31/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
MW8	110	7/18/2008	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
MW8	110.5	7/18/2008	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
MW8	111	7/18/2008	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
MW8	111.5	7/18/2008	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QA-SB/TP17	3	12/1/2008	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QA-SB/TP17	10	12/4/2008	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QA-SB/TP17	15	12/4/2008	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QA-SB/TP17	20	12/4/2008	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QA-SB/TP17	25	12/4/2008	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QA-SB/TP18	5	12/1/2008	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QA-SB/TP18	10	12/5/2008	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QA-SB/TP18	15	12/5/2008	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QA-SB/TP19	5	12/1/2008	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QA-SB/TP19	10	12/5/2008	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050

Table 2
Soil Analytical Results - Volatile Organic Compounds
Former Orcutt Refinery
1550 West Stowell Road

Sample Location	Depth	Date	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	1,2-Dibromoethane (EDB)	1,2-Dichlorobenzene	1,2-Dichloroethane
QA-SB/TP19	15	12/5/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QA-SB/TP20	5	12/1/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QA-SB/TP20	10	12/5/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QA-SB/TP20	15	12/5/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QA-SB/TP21	5	12/1/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QA-SB/TP21	10	12/5/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QA-SB/TP21	15	12/5/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QA-SB/TP22	5	12/1/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QA-SB/TP22	10	12/4/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QA-SB/TP22	15	12/4/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QA-SB/TP22	20	12/4/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QA-SB/TP22	25	12/4/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QA-SB/TP24	2	11/19/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QA-SB/TP24	5	11/19/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QA-SB/TP24	10	12/3/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QA-SB/TP24	15	12/3/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QA-SB/TP24	20	12/3/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QA-SB/TP24	25	12/3/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QA-SB/TP25	5	11/19/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QA-SB/TP26	2	11/19/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QA-SB/TP26	5	11/19/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QA-SB/TP26	10	12/3/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QA-SB/TP26	15	12/3/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QA-SB/TP26	20	12/3/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QA-SB/TP26	25	12/3/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QA-SB/TP27	5	11/17/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QA-SB/TP27	10	11/19/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QA-SB/TP27	15	11/19/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QA-SB/TP27	20	11/19/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QA-SB/TP27	25	11/19/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QA-SB/TP28	5	11/17/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050

Table 2
Soil Analytical Results - Volatile Organic Compounds
Former Orcutt Refinery
1550 West Stowell Road

Sample Location	Depth	Date	1,2-Dichloropropane	1,3,5-Trimethylbenzene	1,3-Dichlorobenzene	1,3-Dichloropropane	1,4-Dichlorobenzene	2,2-Dichloropropane	2-Butanone	2-Chloroethylvinyl ether	2-Chlorotoluene	4-Chlorotoluene	4-Isopropyl Toluene	Benzene	Bromobenzene	Bromochloromethane	Bromodichloromethane
QA-SB/TP19	15	12/5/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QA-SB/TP20	5	12/1/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	<0.0050	<0.0050	<0.0050	<0.0050	0.0012J	<0.0050	<0.0050	<0.0050
QA-SB/TP20	10	12/5/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QA-SB/TP20	15	12/5/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QA-SB/TP21	5	12/1/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	<0.0050	<0.0050	<0.0050	<0.0050	0.0011J	<0.0050	<0.0050	<0.0050
QA-SB/TP21	10	12/5/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QA-SB/TP21	15	12/5/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QA-SB/TP22	5	12/1/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QA-SB/TP22	10	12/4/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QA-SB/TP22	15	12/4/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QA-SB/TP22	20	12/4/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QA-SB/TP22	25	12/4/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QA-SB/TP24	2	11/19/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QA-SB/TP24	5	11/19/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QA-SB/TP24	10	12/3/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QA-SB/TP24	15	12/3/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QA-SB/TP24	20	12/3/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QA-SB/TP24	25	12/3/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QA-SB/TP25	5	11/19/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QA-SB/TP26	2	11/19/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QA-SB/TP26	5	11/19/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QA-SB/TP26	10	12/3/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QA-SB/TP26	15	12/3/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QA-SB/TP26	20	12/3/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QA-SB/TP26	25	12/3/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QA-SB/TP27	5	11/17/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QA-SB/TP27	10	11/19/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QA-SB/TP27	15	11/19/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QA-SB/TP27	20	11/19/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QA-SB/TP27	25	11/19/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QA-SB/TP28	5	11/17/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050

Table 2
Soil Analytical Results - Volatile Organic Compounds
Former Orcutt Refinery
1550 West Stowell Road

Sample Location	Depth	Date	Bromoform	Bromomethane	Carbon tetrachloride	Chlorobenzene	Chloroethane	Chloroform	Chloromethane	cis-1,2-Dichloroethene	cis-1,3-Dichloropropene	Dibromochloromethane	Dibromomethane	Dichlorodifluoromethane	Dichlorotrifluoroethane	Diisopropyl Ether	Ethyl t-Butyl Ether
QA-SB/TP19	15	12/5/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QA-SB/TP20	5	12/1/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QA-SB/TP20	10	12/5/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QA-SB/TP20	15	12/5/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QA-SB/TP21	5	12/1/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QA-SB/TP21	10	12/5/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QA-SB/TP21	15	12/5/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QA-SB/TP22	5	12/1/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QA-SB/TP22	10	12/4/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QA-SB/TP22	15	12/4/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QA-SB/TP22	20	12/4/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QA-SB/TP22	25	12/4/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QA-SB/TP24	2	11/19/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QA-SB/TP24	5	11/19/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QA-SB/TP24	10	12/3/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QA-SB/TP24	15	12/3/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QA-SB/TP24	20	12/3/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QA-SB/TP24	25	12/3/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QA-SB/TP25	5	11/19/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QA-SB/TP26	2	11/19/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QA-SB/TP26	5	11/19/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QA-SB/TP26	10	12/3/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QA-SB/TP26	15	12/3/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QA-SB/TP26	20	12/3/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QA-SB/TP26	25	12/3/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QA-SB/TP27	5	11/17/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QA-SB/TP27	10	11/19/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QA-SB/TP27	15	11/19/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QA-SB/TP27	20	11/19/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QA-SB/TP27	25	11/19/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QA-SB/TP28	5	11/17/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050

Table 2
Soil Analytical Results - Volatile Organic Compounds
Former Orcutt Refinery
1550 West Stowell Road

Sample Location	Depth	Date	Ethylbenzene	Hexachlorobutadiene	Isopropylbenzene	Methylene Chloride	Methyl-t-butyl ether	Naphthalene	n-Butylbenzene	n-Propylbenzene	sec-Butylbenzene	Styrene	t-Amyl Methyl Ether	t-Butyl alcohol	tert-Butylbenzene	Tetrachloroethene (PCE)	Toluene
QA-SB/TP19	15	12/5/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.025	<0.0050	<0.0050	<0.0050
QA-SB/TP20	5	12/1/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.025	<0.0050	<0.0050	<0.0050
QA-SB/TP20	10	12/5/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.025	<0.0050	<0.0050	<0.0050
QA-SB/TP20	15	12/5/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.025	<0.0050	<0.0050	<0.0050
QA-SB/TP21	5	12/1/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.025	<0.0050	<0.0050	<0.0050
QA-SB/TP21	10	12/5/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.025	<0.0050	<0.0050	<0.0050
QA-SB/TP21	15	12/5/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.025	<0.0050	<0.0050	<0.0050
QA-SB/TP22	5	12/1/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.025	<0.0050	<0.0050	<0.0050
QA-SB/TP22	10	12/4/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.025	<0.0050	<0.0050	<0.0050
QA-SB/TP22	15	12/4/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.025	<0.0050	<0.0050	<0.0050
QA-SB/TP22	20	12/4/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.025	<0.0050	<0.0050	<0.0050
QA-SB/TP22	25	12/4/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.025	<0.0050	<0.0050	<0.0050
QA-SB/TP24	2	11/19/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.025	<0.0050	<0.0050	<0.0050
QA-SB/TP24	5	11/19/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.025	<0.0050	<0.0050	<0.0050
QA-SB/TP24	10	12/3/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.025	<0.0050	<0.0050	<0.0050
QA-SB/TP24	15	12/3/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.025	<0.0050	<0.0050	<0.0050
QA-SB/TP24	20	12/3/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.025	<0.0050	<0.0050	<0.0050
QA-SB/TP24	25	12/3/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.025	<0.0050	<0.0050	<0.0050
QA-SB/TP25	5	11/19/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.025	<0.0050	<0.0050	<0.0050
QA-SB/TP26	2	11/19/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.025	<0.0050	<0.0050	<0.0050
QA-SB/TP26	5	11/19/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.025	<0.0050	<0.0050	<0.0050
QA-SB/TP26	10	12/3/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.025	<0.0050	<0.0050	<0.0050
QA-SB/TP26	15	12/3/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.025	<0.0050	<0.0050	<0.0050
QA-SB/TP26	20	12/3/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.025	<0.0050	<0.0050	<0.0050
QA-SB/TP26	25	12/3/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.025	<0.0050	<0.0050	<0.0050
QA-SB/TP27	5	11/17/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.025	<0.0050	<0.0050	<0.0050
QA-SB/TP27	10	11/19/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.025	<0.0050	<0.0050	<0.0050
QA-SB/TP27	15	11/19/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.025	<0.0050	<0.0050	<0.0050
QA-SB/TP27	20	11/19/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.025	<0.0050	<0.0050	<0.0050
QA-SB/TP27	25	11/19/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.025	<0.0050	<0.0050	<0.0050
QA-SB/TP28	5	11/17/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.025	<0.0050	<0.0050	<0.0050

Table 2
Soil Analytical Results - Volatile Organic Compounds
Former Orcutt Refinery
1550 West Stowell Road

Sample Location	Depth	Date	trans-1,2-Dichloroethene	trans-1,3-Dichloropropene	Trichloroethene (TCE)	Trichlorofluoromethane	Trichlorotrifluoroethane	Vinyl Chloride	Xylenes (total)
QA-SB/TP19	15	12/5/2008	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QA-SB/TP20	5	12/1/2008	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QA-SB/TP20	10	12/5/2008	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QA-SB/TP20	15	12/5/2008	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QA-SB/TP21	5	12/1/2008	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QA-SB/TP21	10	12/5/2008	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QA-SB/TP21	15	12/5/2008	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QA-SB/TP22	5	12/1/2008	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QA-SB/TP22	10	12/4/2008	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QA-SB/TP22	15	12/4/2008	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QA-SB/TP22	20	12/4/2008	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QA-SB/TP22	25	12/4/2008	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QA-SB/TP24	2	11/19/2008	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QA-SB/TP24	5	11/19/2008	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QA-SB/TP24	10	12/3/2008	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QA-SB/TP24	15	12/3/2008	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QA-SB/TP24	20	12/3/2008	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QA-SB/TP24	25	12/3/2008	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QA-SB/TP25	5	11/19/2008	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QA-SB/TP26	2	11/19/2008	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QA-SB/TP26	5	11/19/2008	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QA-SB/TP26	10	12/3/2008	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QA-SB/TP26	15	12/3/2008	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QA-SB/TP26	20	12/3/2008	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QA-SB/TP26	25	12/3/2008	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QA-SB/TP27	5	11/17/2008	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QA-SB/TP27	10	11/19/2008	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QA-SB/TP27	15	11/19/2008	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QA-SB/TP27	20	11/19/2008	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QA-SB/TP27	25	11/19/2008	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QA-SB/TP28	5	11/17/2008	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050

Table 2
Soil Analytical Results - Volatile Organic Compounds
Former Orcutt Refinery
1550 West Stowell Road

Sample Location	Depth	Date	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	1,2-Dibromoethane (EDB)	1,2-Dichlorobenzene	1,2-Dichloroethane
QA-SB/TP28	10	11/18/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QA-SB/TP28	15	11/18/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QA-SB/TP28	20	11/18/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QA-SB/TP29	5	11/17/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QA-SB/TP29	10	11/18/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QA-SB/TP29	15	11/18/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QA-SB/TP30	5	11/17/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QA-SB/TP30	10	12/3/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QA-SB/TP30	15	12/3/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QA-SB/TP30	20	12/3/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QA-SB/TP31	5	11/17/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QA-SB/TP31	10	11/19/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QA-SB/TP31	15	11/19/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QA-SB/TP31	20	11/19/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QA-SB/TP31	25	11/19/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QA-SB/TP32	5	11/17/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	0.0022J	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QA-SB/TP32	10	12/5/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QA-SB/TP32	15	12/5/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QA-SB/TP32	20	12/5/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QA-SB/TP33	1.5	11/20/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QA-SB/TP33	5	11/20/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QA-SB/TP33	10	12/3/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QA-SB/TP33	15	12/3/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QA-SB/TP33	20	12/3/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QA-SB/TP33	25	12/3/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QA-SB/TP34	1.5	11/20/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QA-SB/TP34	5	11/20/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QA-SB/TP34	10	12/3/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QA-SB/TP34	15	12/3/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QA-SB/TP34	20	12/3/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QA-SB/TP34	25	12/3/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050

Table 2
Soil Analytical Results - Volatile Organic Compounds
Former Orcutt Refinery
1550 West Stowell Road

Sample Location	Depth	Date	1,2-Dichloropropane	1,3,5-Trimethylbenzene	1,3-Dichlorobenzene	1,3-Dichloropropane	1,4-Dichlorobenzene	2,2-Dichloropropane	2-Butanone	2-Chloroethylvinyl ether	2-Chlorotoluene	4-Chlorotoluene	4-Isopropyl Toluene	Benzene	Bromobenzene	Bromochloromethane	Bromodichloromethane
QA-SB/TP28	10	11/18/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QA-SB/TP28	15	11/18/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QA-SB/TP28	20	11/18/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QA-SB/TP29	5	11/17/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QA-SB/TP29	10	11/18/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QA-SB/TP29	15	11/18/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QA-SB/TP30	5	11/17/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QA-SB/TP30	10	12/3/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QA-SB/TP30	15	12/3/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QA-SB/TP30	20	12/3/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QA-SB/TP31	5	11/17/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QA-SB/TP31	10	11/19/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QA-SB/TP31	15	11/19/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QA-SB/TP31	20	11/19/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QA-SB/TP31	25	11/19/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QA-SB/TP32	5	11/17/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QA-SB/TP32	10	12/5/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QA-SB/TP32	15	12/5/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QA-SB/TP32	20	12/5/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QA-SB/TP33	1.5	11/20/2008	<0.0050	<0.0050	<0.0050	<0.0050	0.1	<0.0050	<0.10	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QA-SB/TP33	5	11/20/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QA-SB/TP33	10	12/3/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QA-SB/TP33	15	12/3/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QA-SB/TP33	20	12/3/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QA-SB/TP33	25	12/3/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QA-SB/TP34	1.5	11/20/2008	<0.0050	<0.0050	<0.0050	<0.0050	0.1	<0.0050	<0.10	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QA-SB/TP34	5	11/20/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QA-SB/TP34	10	12/3/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QA-SB/TP34	15	12/3/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QA-SB/TP34	20	12/3/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QA-SB/TP34	25	12/3/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050

Table 2
Soil Analytical Results - Volatile Organic Compounds
Former Orcutt Refinery
1550 West Stowell Road

Sample Location	Depth	Date	Bromoform	Bromomethane	Carbon tetrachloride	Chlorobenzene	Chloroethane	Chloroform	Chloromethane	cis-1,2-Dichloroethene	cis-1,3-Dichloropropene	Dibromochloromethane	Dibromomethane	Dichlorodifluoromethane	Dichlorotrifluoroethane	Diisopropyl Ether	Ethyl t-Butyl Ether
QA-SB/TP28	10	11/18/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QA-SB/TP28	15	11/18/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QA-SB/TP28	20	11/18/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QA-SB/TP29	5	11/17/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QA-SB/TP29	10	11/18/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QA-SB/TP29	15	11/18/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QA-SB/TP30	5	11/17/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QA-SB/TP30	10	12/3/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QA-SB/TP30	15	12/3/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QA-SB/TP30	20	12/3/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QA-SB/TP31	5	11/17/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QA-SB/TP31	10	11/19/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QA-SB/TP31	15	11/19/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QA-SB/TP31	20	11/19/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QA-SB/TP31	25	11/19/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QA-SB/TP32	5	11/17/2008	<0.0050	<0.0050	<0.0050	0.0042J	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QA-SB/TP32	10	12/5/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QA-SB/TP32	15	12/5/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QA-SB/TP32	20	12/5/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QA-SB/TP33	1.5	11/20/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QA-SB/TP33	5	11/20/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QA-SB/TP33	10	12/3/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QA-SB/TP33	15	12/3/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QA-SB/TP33	20	12/3/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QA-SB/TP33	25	12/3/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QA-SB/TP34	1.5	11/20/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QA-SB/TP34	5	11/20/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QA-SB/TP34	10	12/3/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QA-SB/TP34	15	12/3/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QA-SB/TP34	20	12/3/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QA-SB/TP34	25	12/3/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050

Table 2
Soil Analytical Results - Volatile Organic Compounds
Former Orcutt Refinery
1550 West Stowell Road

Sample Location	Depth	Date	Ethylbenzene	Hexachlorobutadiene	Isopropylbenzene	Methylene Chloride	Methyl-t-butyl ether	Naphthalene	n-Butylbenzene	n-Propylbenzene	sec-Butylbenzene	Styrene	t-Amyl Methyl Ether	t-Butyl alcohol	tert-Butylbenzene	Tetrachloroethene (PCE)	Toluene
QA-SB/TP28	10	11/18/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.025	<0.0050	<0.0050	<0.0050
QA-SB/TP28	15	11/18/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.025	<0.0050	<0.0050	<0.0050
QA-SB/TP28	20	11/18/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.025	<0.0050	<0.0050	<0.0050
QA-SB/TP29	5	11/17/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.025	<0.0050	<0.0050	<0.0050
QA-SB/TP29	10	11/18/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.025	<0.0050	<0.0050	<0.0050
QA-SB/TP29	15	11/18/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.025	<0.0050	<0.0050	<0.0050
QA-SB/TP30	5	11/17/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.025	<0.0050	<0.0050	<0.0050
QA-SB/TP30	10	12/3/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.025	<0.0050	<0.0050	<0.0050
QA-SB/TP30	15	12/3/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.025	<0.0050	<0.0050	<0.0050
QA-SB/TP30	20	12/3/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.025	<0.0050	<0.0050	<0.0050
QA-SB/TP31	5	11/17/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.025	<0.0050	<0.0050	<0.0050
QA-SB/TP31	10	11/19/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.025	<0.0050	<0.0050	<0.0050
QA-SB/TP31	15	11/19/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.025	<0.0050	<0.0050	<0.0050
QA-SB/TP31	20	11/19/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.025	<0.0050	<0.0050	<0.0050
QA-SB/TP31	25	11/19/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.025	<0.0050	<0.0050	<0.0050
QA-SB/TP32	5	11/17/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.025	<0.0050	<0.0050	0.0036J
QA-SB/TP32	10	12/5/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.025	<0.0050	<0.0050	<0.0050
QA-SB/TP32	15	12/5/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.025	<0.0050	<0.0050	<0.0050
QA-SB/TP32	20	12/5/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.025	<0.0050	<0.0050	<0.0050
QA-SB/TP33	1.5	11/20/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	0.0051	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.025	<0.0050	<0.0050	<0.0050
QA-SB/TP33	5	11/20/2008	<0.0050	<0.0050	<0.0050	0.0026J	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.025	<0.0050	<0.0050	<0.0050
QA-SB/TP33	10	12/3/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.025	<0.0050	<0.0050	<0.0050
QA-SB/TP33	15	12/3/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.025	<0.0050	<0.0050	<0.0050
QA-SB/TP33	20	12/3/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.025	<0.0050	<0.0050	<0.0050
QA-SB/TP33	25	12/3/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.025	<0.0050	<0.0050	<0.0050
QA-SB/TP34	1.5	11/20/2008	<0.0050	<0.0050	<0.0050	0.0044J	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.025	<0.0050	<0.0050	<0.0050
QA-SB/TP34	5	11/20/2008	<0.0050	<0.0050	<0.0050	0.0039J	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.025	<0.0050	<0.0050	<0.0050
QA-SB/TP34	10	12/3/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.025	<0.0050	<0.0050	<0.0050
QA-SB/TP34	15	12/3/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.025	<0.0050	<0.0050	<0.0050
QA-SB/TP34	20	12/3/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.025	<0.0050	<0.0050	<0.0050
QA-SB/TP34	25	12/3/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.025	<0.0050	<0.0050	<0.0050

Table 2
Soil Analytical Results - Volatile Organic Compounds
Former Orcutt Refinery
1550 West Stowell Road

Sample Location	Depth	Date	trans-1,2-Dichloroethene	trans-1,3-Dichloropropene	Trichloroethene (TCE)	Trichlorofluoromethane	Trichlorotrifluoroethane	Vinyl Chloride	Xylenes (total)
QA-SB/TP28	10	11/18/2008	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QA-SB/TP28	15	11/18/2008	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QA-SB/TP28	20	11/18/2008	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QA-SB/TP29	5	11/17/2008	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QA-SB/TP29	10	11/18/2008	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QA-SB/TP29	15	11/18/2008	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QA-SB/TP30	5	11/17/2008	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QA-SB/TP30	10	12/3/2008	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QA-SB/TP30	15	12/3/2008	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QA-SB/TP30	20	12/3/2008	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QA-SB/TP31	5	11/17/2008	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QA-SB/TP31	10	11/19/2008	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QA-SB/TP31	15	11/19/2008	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QA-SB/TP31	20	11/19/2008	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QA-SB/TP31	25	11/19/2008	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QA-SB/TP32	5	11/17/2008	<0.0050	<0.0050	0.0030J	<0.0050	-	<0.0050	<0.0050
QA-SB/TP32	10	12/5/2008	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QA-SB/TP32	15	12/5/2008	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QA-SB/TP32	20	12/5/2008	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QA-SB/TP33	1.5	11/20/2008	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QA-SB/TP33	5	11/20/2008	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QA-SB/TP33	10	12/3/2008	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QA-SB/TP33	15	12/3/2008	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QA-SB/TP33	20	12/3/2008	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QA-SB/TP33	25	12/3/2008	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QA-SB/TP34	1.5	11/20/2008	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QA-SB/TP34	5	11/20/2008	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QA-SB/TP34	10	12/3/2008	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QA-SB/TP34	15	12/3/2008	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QA-SB/TP34	20	12/3/2008	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QA-SB/TP34	25	12/3/2008	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050

Table 2
Soil Analytical Results - Volatile Organic Compounds
Former Orcutt Refinery
1550 West Stowell Road

Sample Location	Depth	Date	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	1,2-Dibromoethane (EDB)	1,2-Dichlorobenzene	1,2-Dichloroethane
QA-SB/TP35	5	11/20/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QA-SB/TP35	10	12/3/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QA-SB/TP35	15	12/3/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QA-SB/TP35	20	12/3/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QA-SB/TP35	25	12/3/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QA-SB/TP36	4	11/20/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QA-SB/TP36	5	11/20/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QA-SB/TP36	10	12/5/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QA-SB/TP36	15	12/5/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QA-SB/TP38	2	12/2/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	0.067	<0.0050	<0.0050	<0.0050	<0.0050
QA-SB/TP38	5	12/2/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QA-SB/TP38	10	12/9/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QA-SB/TP38	15	12/9/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QA-SB/TP39	5	12/2/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QA-SB/TP39	10	12/9/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QA-SB/TP39	15	12/9/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QA-SB/TP40	5	12/2/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QA-SB/TP40	10	12/9/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QA-SB/TP40	15	12/9/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QA-SB/TP41	5	12/2/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QA-SB/TP41	10	12/9/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QA-SB/TP41	15	12/9/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QA-SB/TP42	5	12/2/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QA-SB/TP42	10	12/9/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QA-SB/TP42	15	12/9/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QA-SB/TP43	5	12/1/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QA-SB/TP43	10	12/5/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QA-SB/TP43	15	12/5/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QA-SB/TP44	5	12/1/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QA-SB/TP44	10	12/5/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QA-SB/TP44	15	12/5/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050

Table 2
Soil Analytical Results - Volatile Organic Compounds
Former Orcutt Refinery
1550 West Stowell Road

Sample Location	Depth	Date	1,2-Dichloropropane	1,3,5-Trimethylbenzene	1,3-Dichlorobenzene	1,3-Dichloropropane	1,4-Dichlorobenzene	2,2-Dichloropropane	2-Butanone	2-Chloroethylvinyl ether	2-Chlorotoluene	4-Chlorotoluene	4-Isopropyl Toluene	Benzene	Bromobenzene	Bromochloromethane	Bromodichloromethane
QA-SB/TP35	5	11/20/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QA-SB/TP35	10	12/3/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QA-SB/TP35	15	12/3/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QA-SB/TP35	20	12/3/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QA-SB/TP35	25	12/3/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QA-SB/TP36	4	11/20/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QA-SB/TP36	5	11/20/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QA-SB/TP36	10	12/5/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QA-SB/TP36	15	12/5/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QA-SB/TP38	2	12/2/2008	<0.0050	0.077	<0.0050	<0.0050	<0.0050	<0.0050	0.48	<0.0050	<0.0050	<0.0050	<0.0050	0.044	<0.0050	<0.0050	<0.0050
QA-SB/TP38	5	12/2/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QA-SB/TP38	10	12/9/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QA-SB/TP38	15	12/9/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QA-SB/TP39	5	12/2/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QA-SB/TP39	10	12/9/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QA-SB/TP39	15	12/9/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QA-SB/TP40	5	12/2/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QA-SB/TP40	10	12/9/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QA-SB/TP40	15	12/9/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QA-SB/TP41	5	12/2/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QA-SB/TP41	10	12/9/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QA-SB/TP41	15	12/9/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QA-SB/TP42	5	12/2/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QA-SB/TP42	10	12/9/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QA-SB/TP42	15	12/9/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QA-SB/TP43	5	12/1/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	<0.0050	<0.0050	<0.0050	<0.0050	0.0011J	<0.0050	<0.0050	<0.0050
QA-SB/TP43	10	12/5/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QA-SB/TP43	15	12/5/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QA-SB/TP44	5	12/1/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QA-SB/TP44	10	12/5/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QA-SB/TP44	15	12/5/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050

Table 2
Soil Analytical Results - Volatile Organic Compounds
Former Orcutt Refinery
1550 West Stowell Road

Sample Location	Depth	Date	Bromoform	Bromomethane	Carbon tetrachloride	Chlorobenzene	Chloroethane	Chloroform	Chloromethane	cis-1,2-Dichloroethene	cis-1,3-Dichloropropene	Dibromochloromethane	Dibromomethane	Dichlorodifluoromethane	Dichlorotrifluoroethane	Diisopropyl Ether	Ethyl t-Butyl Ether
QA-SB/TP35	5	11/20/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QA-SB/TP35	10	12/3/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QA-SB/TP35	15	12/3/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QA-SB/TP35	20	12/3/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QA-SB/TP35	25	12/3/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QA-SB/TP36	4	11/20/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QA-SB/TP36	5	11/20/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QA-SB/TP36	10	12/5/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QA-SB/TP36	15	12/5/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QA-SB/TP38	2	12/2/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QA-SB/TP38	5	12/2/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QA-SB/TP38	10	12/9/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QA-SB/TP38	15	12/9/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QA-SB/TP39	5	12/2/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QA-SB/TP39	10	12/9/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QA-SB/TP39	15	12/9/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QA-SB/TP40	5	12/2/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QA-SB/TP40	10	12/9/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QA-SB/TP40	15	12/9/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QA-SB/TP41	5	12/2/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QA-SB/TP41	10	12/9/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QA-SB/TP41	15	12/9/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QA-SB/TP42	5	12/2/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QA-SB/TP42	10	12/9/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QA-SB/TP42	15	12/9/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QA-SB/TP43	5	12/1/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QA-SB/TP43	10	12/5/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QA-SB/TP43	15	12/5/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QA-SB/TP44	5	12/1/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QA-SB/TP44	10	12/5/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QA-SB/TP44	15	12/5/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050

Table 2
Soil Analytical Results - Volatile Organic Compounds
Former Orcutt Refinery
1550 West Stowell Road

Sample Location	Depth	Date	Ethylbenzene	Hexachlorobutadiene	Isopropylbenzene	Methylene Chloride	Methyl-t-butyl ether	Naphthalene	n-Butylbenzene	n-Propylbenzene	sec-Butylbenzene	Styrene	t-Amyl Methyl Ether	t-Butyl alcohol	tert-Butylbenzene	Tetrachloroethene (PCE)	Toluene
QA-SB/TP35	5	11/20/2008	<0.0050	<0.0050	<0.0050	0.0032J	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.025	<0.0050	<0.0050	<0.0050
QA-SB/TP35	10	12/3/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.025	<0.0050	<0.0050	<0.0050
QA-SB/TP35	15	12/3/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.025	<0.0050	<0.0050	<0.0050
QA-SB/TP35	20	12/3/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.025	<0.0050	<0.0050	<0.0050
QA-SB/TP35	25	12/3/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.025	<0.0050	<0.0050	<0.0050
QA-SB/TP36	4	11/20/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.025	<0.0050	<0.0050	<0.0050
QA-SB/TP36	5	11/20/2008	<0.0050	<0.0050	<0.0050	0.0046J	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.025	<0.0050	<0.0050	<0.0050
QA-SB/TP36	10	12/5/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.025	<0.0050	<0.0050	<0.0050
QA-SB/TP36	15	12/5/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.025	<0.0050	<0.0050	<0.0050
QA-SB/TP38	2	12/2/2008	0.025	<0.0050	0.0037J	0.0057	<0.0050	0.06	<0.0050	0.061	<0.0050	<0.0050	<0.0050	<0.025	<0.0050	<0.0050	0.035
QA-SB/TP38	5	12/2/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.025	<0.0050	<0.0050	<0.0050
QA-SB/TP38	10	12/9/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.025	<0.0050	<0.0050	<0.0050
QA-SB/TP38	15	12/9/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.025	<0.0050	<0.0050	<0.0050
QA-SB/TP39	5	12/2/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.025	<0.0050	<0.0050	<0.0050
QA-SB/TP39	10	12/9/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.025	<0.0050	<0.0050	<0.0050
QA-SB/TP39	15	12/9/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.025	<0.0050	<0.0050	<0.0050
QA-SB/TP40	5	12/2/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.025	<0.0050	<0.0050	<0.0050
QA-SB/TP40	10	12/9/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.025	<0.0050	<0.0050	<0.0050
QA-SB/TP40	15	12/9/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.025	<0.0050	<0.0050	<0.0050
QA-SB/TP41	5	12/2/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.025	<0.0050	<0.0050	<0.0050
QA-SB/TP41	10	12/9/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.025	<0.0050	<0.0050	<0.0050
QA-SB/TP41	15	12/9/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.025	<0.0050	<0.0050	<0.0050
QA-SB/TP42	5	12/2/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.025	<0.0050	<0.0050	<0.0050
QA-SB/TP42	10	12/9/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.025	<0.0050	<0.0050	<0.0050
QA-SB/TP42	15	12/9/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.025	<0.0050	<0.0050	<0.0050
QA-SB/TP43	5	12/1/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.025	<0.0050	<0.0050	<0.0050
QA-SB/TP43	10	12/5/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.025	<0.0050	<0.0050	<0.0050
QA-SB/TP43	15	12/5/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.025	<0.0050	<0.0050	<0.0050
QA-SB/TP44	5	12/1/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.025	<0.0050	<0.0050	<0.0050
QA-SB/TP44	10	12/5/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.025	<0.0050	<0.0050	<0.0050
QA-SB/TP44	15	12/5/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.025	<0.0050	<0.0050	<0.0050

Table 2
Soil Analytical Results - Volatile Organic Compounds
Former Orcutt Refinery
1550 West Stowell Road

Sample Location	Depth	Date	trans-1,2-Dichloroethene	trans-1,3-Dichloropropene	Trichloroethene (TCE)	Trichlorofluoromethane	Trichlorotrifluoroethane	Vinyl Chloride	Xylenes (total)
QA-SB/TP35	5	11/20/2008	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QA-SB/TP35	10	12/3/2008	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QA-SB/TP35	15	12/3/2008	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QA-SB/TP35	20	12/3/2008	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QA-SB/TP35	25	12/3/2008	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QA-SB/TP36	4	11/20/2008	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QA-SB/TP36	5	11/20/2008	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QA-SB/TP36	10	12/5/2008	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QA-SB/TP36	15	12/5/2008	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QA-SB/TP38	2	12/2/2008	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	0.093
QA-SB/TP38	5	12/2/2008	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QA-SB/TP38	10	12/9/2008	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QA-SB/TP38	15	12/9/2008	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QA-SB/TP39	5	12/2/2008	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QA-SB/TP39	10	12/9/2008	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QA-SB/TP39	15	12/9/2008	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QA-SB/TP40	5	12/2/2008	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QA-SB/TP40	10	12/9/2008	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QA-SB/TP40	15	12/9/2008	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QA-SB/TP41	5	12/2/2008	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QA-SB/TP41	10	12/9/2008	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QA-SB/TP41	15	12/9/2008	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QA-SB/TP42	5	12/2/2008	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QA-SB/TP42	10	12/9/2008	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QA-SB/TP42	15	12/9/2008	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QA-SB/TP43	5	12/1/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QA-SB/TP43	10	12/5/2008	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QA-SB/TP43	15	12/5/2008	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QA-SB/TP44	5	12/1/2008	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QA-SB/TP44	10	12/5/2008	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QA-SB/TP44	15	12/5/2008	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050

Table 2
Soil Analytical Results - Volatile Organic Compounds
Former Orcutt Refinery
1550 West Stowell Road

Sample Location	Depth	Date	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	1,2-Dibromoethane (EDB)	1,2-Dichlorobenzene	1,2-Dichloroethane
QA-SB/TP45	5	12/1/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QA-SB/TP45	10	12/5/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QA-SB/TP45	15	12/5/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QA-SB1	2	11/17/2008	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	3.3	<0.25	<0.25	<0.25	<0.25
QA-SB1	5	11/17/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QA-SB1	10	11/17/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QA-SB1	15	11/17/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QA-SB1	20	11/17/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QA-SB1	25	11/17/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QA-SB2	3.5	11/17/2008	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	13	<0.25	<0.25	<0.25	<0.25
QA-SB2	10	11/17/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QA-SB2	15	11/17/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QA-SB2	20	11/17/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QA-SB2	25	11/17/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QA-SB2	30	11/17/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QA-SB3	5	11/17/2008	<0.12	<0.12	<0.12	<0.12	<0.12	<0.12	<0.12	<0.12	<0.12	<0.12	7.6	<0.12	<0.12	<0.12	<0.12
QA-SB3	10	11/17/2008	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	10	<0.50	<0.50	<0.50	<0.50
QA-SB3	15	11/17/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QA-SB3	20	11/17/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QA-SB3	25	11/17/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QA-SB3	30	11/17/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QA-SB4	5	11/17/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QA-SB4	10	11/17/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QA-SB4	15	11/17/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QA-SB4	20	11/17/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QA-SB5	5	11/17/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QA-SB5	10	11/17/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QA-SB5	15	11/17/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QA-SB5	20	11/17/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QA-SB6	5	11/18/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QA-SB6	10	11/18/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050

Table 2
Soil Analytical Results - Volatile Organic Compounds
Former Orcutt Refinery
1550 West Stowell Road

Sample Location	Depth	Date	1,2-Dichloropropane	1,3,5-Trimethylbenzene	1,3-Dichlorobenzene	1,3-Dichloropropane	1,4-Dichlorobenzene	2,2-Dichloropropane	2-Butanone	2-Chloroethylvinyl ether	2-Chlorotoluene	4-Chlorotoluene	4-Isopropyl Toluene	Benzene	Bromobenzene	Bromochloromethane	Bromodichloromethane
QA-SB/TP45	5	12/1/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QA-SB/TP45	10	12/5/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QA-SB/TP45	15	12/5/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QA-SB1	2	11/17/2008	<0.25	0.94	<0.25	<0.25	<0.25	<0.25	<5.0	<0.25	<0.25	<0.25	1.1	<0.25	<0.25	<0.25	<0.25
QA-SB1	5	11/17/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QA-SB1	10	11/17/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QA-SB1	15	11/17/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QA-SB1	20	11/17/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QA-SB1	25	11/17/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QA-SB2	3.5	11/17/2008	<0.25	3.6	<0.25	<0.25	<0.25	<0.25	<5.0	<0.25	<0.25	<0.25	3.2	**0.42**	<0.25	<0.25	<0.25
QA-SB2	10	11/17/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QA-SB2	15	11/17/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QA-SB2	20	11/17/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QA-SB2	25	11/17/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QA-SB2	30	11/17/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QA-SB3	5	11/17/2008	<0.12	0.96	<0.12	<0.12	<0.12	<0.12	<2.5	<0.12	<0.12	<0.12	2.3	**0.16**	<0.12	<0.12	<0.12
QA-SB3	10	11/17/2008	<0.50	2.5	<0.50	<0.50	<0.50	<0.50	<10	<0.50	<0.50	<0.50	2.5	<0.50	<0.50	<0.50	<0.50
QA-SB3	15	11/17/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QA-SB3	20	11/17/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QA-SB3	25	11/17/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QA-SB3	30	11/17/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QA-SB4	5	11/17/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QA-SB4	10	11/17/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QA-SB4	15	11/17/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QA-SB4	20	11/17/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QA-SB5	5	11/17/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QA-SB5	10	11/17/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QA-SB5	15	11/17/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QA-SB5	20	11/17/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QA-SB6	5	11/18/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QA-SB6	10	11/18/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050

Table 2
Soil Analytical Results - Volatile Organic Compounds
Former Orcutt Refinery
1550 West Stowell Road

Sample Location	Depth	Date	Bromoform	Bromomethane	Carbon tetrachloride	Chlorobenzene	Chloroethane	Chloroform	Chloromethane	cis-1,2-Dichloroethene	cis-1,3-Dichloropropene	Dibromochloromethane	Dibromomethane	Dichlorodifluoromethane	Dichlorotrifluoroethane	Diisopropyl Ether	Ethyl t-Butyl Ether
QA-SB/TP45	5	12/1/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QA-SB/TP45	10	12/5/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QA-SB/TP45	15	12/5/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QA-SB1	2	11/17/2008	<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
QA-SB1	5	11/17/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QA-SB1	10	11/17/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QA-SB1	15	11/17/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QA-SB1	20	11/17/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QA-SB1	25	11/17/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QA-SB2	3.5	11/17/2008	<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
QA-SB2	10	11/17/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QA-SB2	15	11/17/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QA-SB2	20	11/17/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QA-SB2	25	11/17/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QA-SB2	30	11/17/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QA-SB3	5	11/17/2008	<0.12	<0.12	<0.12	<0.12	<0.12	<0.12	<0.12	<0.12	<0.12	<0.12	<0.12	<0.12	-	<0.12	<0.12
QA-SB3	10	11/17/2008	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	-	<0.50	<0.50
QA-SB3	15	11/17/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QA-SB3	20	11/17/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QA-SB3	25	11/17/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QA-SB3	30	11/17/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QA-SB4	5	11/17/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QA-SB4	10	11/17/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QA-SB4	15	11/17/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QA-SB4	20	11/17/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QA-SB5	5	11/17/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QA-SB5	10	11/17/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QA-SB5	15	11/17/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QA-SB5	20	11/17/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QA-SB6	5	11/18/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QA-SB6	10	11/18/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050

Table 2
Soil Analytical Results - Volatile Organic Compounds
Former Orcutt Refinery
1550 West Stowell Road

Sample Location	Depth	Date	Ethylbenzene	Hexachlorobutadiene	Isopropylbenzene	Methylene Chloride	Methyl-t-butyl ether	Naphthalene	n-Butylbenzene	n-Propylbenzene	sec-Butylbenzene	Styrene	t-Amyl Methyl Ether	t-Butyl alcohol	tert-Butylbenzene	Tetrachloroethene (PCE)	Toluene
QA-SB/TP45	5	12/1/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.025	<0.0050	<0.0050	<0.0050
QA-SB/TP45	10	12/5/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.025	<0.0050	<0.0050	<0.0050
QA-SB/TP45	15	12/5/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.025	<0.0050	<0.0050	<0.0050
QA-SB1	2	11/17/2008	0.95	<0.25	0.52	<0.25	<0.25	**2.5**	<0.25	0.87	0.63	<0.25	<0.25	<1.2	<0.25	<0.25	0.12J
QA-SB1	5	11/17/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.025	<0.0050	<0.0050	<0.0050
QA-SB1	10	11/17/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.025	<0.0050	<0.0050	<0.0050
QA-SB1	15	11/17/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.025	<0.0050	<0.0050	<0.0050
QA-SB1	20	11/17/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.025	<0.0050	<0.0050	<0.0050
QA-SB1	25	11/17/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.025	<0.0050	<0.0050	<0.0050
QA-SB2	3.5	11/17/2008	4.8	<0.25	1.9	<0.25	<0.25	**7.6**	<0.25	3.7	2.1	<0.25	<0.25	<1.2	<0.25	<0.25	0.38
QA-SB2	10	11/17/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.025	<0.0050	<0.0050	<0.0050
QA-SB2	15	11/17/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.025	<0.0050	<0.0050	<0.0050
QA-SB2	20	11/17/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.025	<0.0050	<0.0050	<0.0050
QA-SB2	25	11/17/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.025	<0.0050	<0.0050	<0.0050
QA-SB2	30	11/17/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.025	<0.0050	<0.0050	<0.0050
QA-SB3	5	11/17/2008	3.8	<0.12	1.9	<0.12	<0.12	**7.5B**	2.5	3.3	1.8	<0.12	<0.12	<0.62	<0.12	<0.12	0.11B, J
QA-SB3	10	11/17/2008	3.4	<0.50	2.1	<0.50	<0.50	**11B**	2.7	3.4	2.4	<0.50	<0.50	<2.5	<0.50	<0.50	<0.50
QA-SB3	15	11/17/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.025	<0.0050	<0.0050	<0.0050
QA-SB3	20	11/17/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.025	<0.0050	<0.0050	<0.0050
QA-SB3	25	11/17/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	0.0044J	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.025	<0.0050	<0.0050	<0.0050
QA-SB3	30	11/17/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	0.0025J	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.025	<0.0050	<0.0050	<0.0050
QA-SB4	5	11/17/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.025	<0.0050	<0.0050	<0.0050
QA-SB4	10	11/17/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.025	<0.0050	<0.0050	<0.0050
QA-SB4	15	11/17/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.025	<0.0050	<0.0050	<0.0050
QA-SB4	20	11/17/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.025	<0.0050	<0.0050	<0.0050
QA-SB5	5	11/17/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.025	<0.0050	<0.0050	<0.0050
QA-SB5	10	11/17/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.025	<0.0050	<0.0050	<0.0050
QA-SB5	15	11/17/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.025	<0.0050	<0.0050	<0.0050
QA-SB5	20	11/17/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	0.0020J	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.025	<0.0050	<0.0050	<0.0050
QA-SB6	5	11/18/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.025	<0.0050	<0.0050	<0.0050
QA-SB6	10	11/18/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.025	<0.0050	<0.0050	<0.0050

Table 2
Soil Analytical Results - Volatile Organic Compounds
Former Orcutt Refinery
1550 West Stowell Road

Sample Location	Depth	Date	trans-1,2-Dichloroethene	trans-1,3-Dichloropropene	Trichloroethene (TCE)	Trichlorofluoromethane	Trichlorotrifluoroethane	Vinyl Chloride	Xylenes (total)
QA-SB/TP45	5	12/1/2008	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QA-SB/TP45	10	12/5/2008	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QA-SB/TP45	15	12/5/2008	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QA-SB1	2	11/17/2008	<0.25	<0.25	<0.25	<0.25	-	<0.25	1.8
QA-SB1	5	11/17/2008	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QA-SB1	10	11/17/2008	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QA-SB1	15	11/17/2008	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QA-SB1	20	11/17/2008	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QA-SB1	25	11/17/2008	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QA-SB2	3.5	11/17/2008	<0.25	<0.25	<0.25	<0.25	-	<0.25	5.4
QA-SB2	10	11/17/2008	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QA-SB2	15	11/17/2008	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QA-SB2	20	11/17/2008	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QA-SB2	25	11/17/2008	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QA-SB2	30	11/17/2008	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QA-SB3	5	11/17/2008	<0.12	<0.12	<0.12	<0.12	-	<0.12	1.6B
QA-SB3	10	11/17/2008	<0.50	<0.50	<0.50	<0.50	-	<0.50	2.4B
QA-SB3	15	11/17/2008	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QA-SB3	20	11/17/2008	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QA-SB3	25	11/17/2008	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QA-SB3	30	11/17/2008	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QA-SB4	5	11/17/2008	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QA-SB4	10	11/17/2008	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QA-SB4	15	11/17/2008	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QA-SB4	20	11/17/2008	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QA-SB5	5	11/17/2008	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QA-SB5	10	11/17/2008	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QA-SB5	15	11/17/2008	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QA-SB5	20	11/17/2008	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QA-SB6	5	11/18/2008	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QA-SB6	10	11/18/2008	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050

Table 2
Soil Analytical Results - Volatile Organic Compounds
Former Orcutt Refinery
1550 West Stowell Road

Sample Location	Depth	Date	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	1,2-Dibromoethane (EDB)	1,2-Dichlorobenzene	1,2-Dichloroethane
QA-SB6	15	11/18/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QA-SB6	20	11/18/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QA-SB7	5	11/17/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QA-SB7	10	11/17/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QA-SB7	15	11/17/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QA-SB7	20	11/17/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QA-SB8	5	11/17/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QA-SB8	10	11/17/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QA-SB8	15	11/17/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QA-SB8	20	11/17/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QA-SB9	5	11/18/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QA-SB9	10	11/18/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QA-SB9	15	11/18/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QA-SB9	20	11/18/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QA-SB10	5	11/18/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QA-SB10	10	11/18/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QA-SB10	15	11/18/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QA-SB10	20	11/18/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QA-SB10	25	11/18/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QA-SB11	5	11/18/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QA-SB11	10	11/18/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QA-SB11	15	11/18/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QA-SB11	20	11/18/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QA-SB12	5	11/19/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QA-SB12	8	11/19/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QA-SB12	10	11/19/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QA-SB12	15	11/19/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QA-SB12	20	11/19/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QA-SB12	25	11/19/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QA-SB12	30	11/19/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QA-SB13	5	11/18/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050

Table 2
Soil Analytical Results - Volatile Organic Compounds
Former Orcutt Refinery
1550 West Stowell Road

Sample Location	Depth	Date	1,2-Dichloropropane	1,3,5-Trimethylbenzene	1,3-Dichlorobenzene	1,3-Dichloropropane	1,4-Dichlorobenzene	2,2-Dichloropropane	2-Butanone	2-Chloroethylvinyl ether	2-Chlorotoluene	4-Chlorotoluene	4-Isopropyl Toluene	Benzene	Bromobenzene	Bromochloromethane	Bromodichloromethane
QA-SB6	15	11/18/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QA-SB6	20	11/18/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QA-SB7	5	11/17/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QA-SB7	10	11/17/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QA-SB7	15	11/17/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QA-SB7	20	11/17/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QA-SB8	5	11/17/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QA-SB8	10	11/17/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QA-SB8	15	11/17/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QA-SB8	20	11/17/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QA-SB9	5	11/18/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QA-SB9	10	11/18/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QA-SB9	15	11/18/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QA-SB9	20	11/18/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QA-SB10	5	11/18/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QA-SB10	10	11/18/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QA-SB10	15	11/18/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QA-SB10	20	11/18/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QA-SB10	25	11/18/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QA-SB11	5	11/18/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QA-SB11	10	11/18/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QA-SB11	15	11/18/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QA-SB11	20	11/18/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QA-SB12	5	11/19/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QA-SB12	8	11/19/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QA-SB12	10	11/19/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QA-SB12	15	11/19/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QA-SB12	20	11/19/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QA-SB12	25	11/19/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QA-SB12	30	11/19/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QA-SB13	5	11/18/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050

Table 2
Soil Analytical Results - Volatile Organic Compounds
Former Orcutt Refinery
1550 West Stowell Road

Sample Location	Depth	Date	Bromoform	Bromomethane	Carbon tetrachloride	Chlorobenzene	Chloroethane	Chloroform	Chloromethane	cis-1,2-Dichloroethene	cis-1,3-Dichloropropene	Dibromochloromethane	Dibromomethane	Dichlorodifluoromethane	Dichlorotrifluoroethane	Diisopropyl Ether	Ethyl t-Butyl Ether
QA-SB6	15	11/18/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QA-SB6	20	11/18/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QA-SB7	5	11/17/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QA-SB7	10	11/17/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QA-SB7	15	11/17/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QA-SB7	20	11/17/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QA-SB8	5	11/17/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QA-SB8	10	11/17/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QA-SB8	15	11/17/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QA-SB8	20	11/17/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QA-SB9	5	11/18/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QA-SB9	10	11/18/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QA-SB9	15	11/18/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QA-SB9	20	11/18/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QA-SB10	5	11/18/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QA-SB10	10	11/18/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QA-SB10	15	11/18/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QA-SB10	20	11/18/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QA-SB10	25	11/18/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QA-SB11	5	11/18/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QA-SB11	10	11/18/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QA-SB11	15	11/18/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QA-SB11	20	11/18/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QA-SB12	5	11/19/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QA-SB12	8	11/19/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QA-SB12	10	11/19/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QA-SB12	15	11/19/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QA-SB12	20	11/19/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QA-SB12	25	11/19/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QA-SB12	30	11/19/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QA-SB13	5	11/18/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050

Table 2
Soil Analytical Results - Volatile Organic Compounds
Former Orcutt Refinery
1550 West Stowell Road

Sample Location	Depth	Date	Ethylbenzene	Hexachlorobutadiene	Isopropylbenzene	Methylene Chloride	Methyl-t-butyl ether	Naphthalene	n-Butylbenzene	n-Propylbenzene	sec-Butylbenzene	Styrene	t-Amyl Methyl Ether	t-Butyl alcohol	tert-Butylbenzene	Tetrachloroethene (PCE)	Toluene
QA-SB6	15	11/18/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.025	<0.0050	<0.0050	<0.0050
QA-SB6	20	11/18/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.025	<0.0050	<0.0050	<0.0050
QA-SB7	5	11/17/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.025	<0.0050	<0.0050	<0.0050
QA-SB7	10	11/17/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.025	<0.0050	<0.0050	<0.0050
QA-SB7	15	11/17/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.025	<0.0050	<0.0050	<0.0050
QA-SB7	20	11/17/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.025	<0.0050	<0.0050	<0.0050
QA-SB8	5	11/17/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.025	<0.0050	<0.0050	<0.0050
QA-SB8	10	11/17/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.025	<0.0050	<0.0050	<0.0050
QA-SB8	15	11/17/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.025	<0.0050	<0.0050	<0.0050
QA-SB8	20	11/17/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.025	<0.0050	<0.0050	<0.0050
QA-SB9	5	11/18/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.025	<0.0050	<0.0050	<0.0050
QA-SB9	10	11/18/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.025	<0.0050	<0.0050	<0.0050
QA-SB9	15	11/18/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.025	<0.0050	<0.0050	<0.0050
QA-SB9	20	11/18/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.025	<0.0050	<0.0050	<0.0050
QA-SB10	5	11/18/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.025	<0.0050	<0.0050	<0.0050
QA-SB10	10	11/18/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.025	<0.0050	<0.0050	<0.0050
QA-SB10	15	11/18/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.025	<0.0050	<0.0050	<0.0050
QA-SB10	20	11/18/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.025	<0.0050	<0.0050	<0.0050
QA-SB10	25	11/18/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.025	<0.0050	<0.0050	<0.0050
QA-SB11	5	11/18/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.025	<0.0050	<0.0050	<0.0050
QA-SB11	10	11/18/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.025	<0.0050	<0.0050	<0.0050
QA-SB11	15	11/18/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.025	<0.0050	<0.0050	<0.0050
QA-SB11	20	11/18/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.025	<0.0050	<0.0050	<0.0050
QA-SB12	5	11/19/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.025	<0.0050	<0.0050	<0.0050
QA-SB12	8	11/19/2008	<0.0050	<0.0050	<0.0050	0.0025J	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.025	<0.0050	<0.0050	<0.0050
QA-SB12	10	11/19/2008	<0.0050	<0.0050	<0.0050	0.0038J	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.025	<0.0050	<0.0050	<0.0050
QA-SB12	15	11/19/2008	<0.0050	<0.0050	<0.0050	0.0040J	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.025	<0.0050	<0.0050	<0.0050
QA-SB12	20	11/19/2008	<0.0050	<0.0050	<0.0050	0.0026J	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.025	<0.0050	<0.0050	<0.0050
QA-SB12	25	11/19/2008	<0.0050	<0.0050	<0.0050	0.0034J	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.025	<0.0050	<0.0050	<0.0050
QA-SB12	30	11/19/2008	<0.0050	<0.0050	<0.0050	0.0023J	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.025	<0.0050	<0.0050	<0.0050
QA-SB13	5	11/18/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.025	<0.0050	<0.0050	<0.0050

Table 2
Soil Analytical Results - Volatile Organic Compounds
Former Orcutt Refinery
1550 West Stowell Road

Sample Location	Depth	Date	trans-1,2-Dichloroethene	trans-1,3-Dichloropropene	Trichloroethene (TCE)	Trichlorofluoromethane	Trichlorotrifluoroethane	Vinyl Chloride	Xylenes (total)
QA-SB6	15	11/18/2008	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QA-SB6	20	11/18/2008	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QA-SB7	5	11/17/2008	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QA-SB7	10	11/17/2008	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QA-SB7	15	11/17/2008	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QA-SB7	20	11/17/2008	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QA-SB8	5	11/17/2008	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	0.0058
QA-SB8	10	11/17/2008	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QA-SB8	15	11/17/2008	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QA-SB8	20	11/17/2008	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QA-SB9	5	11/18/2008	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QA-SB9	10	11/18/2008	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QA-SB9	15	11/18/2008	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QA-SB9	20	11/18/2008	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QA-SB10	5	11/18/2008	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QA-SB10	10	11/18/2008	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QA-SB10	15	11/18/2008	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QA-SB10	20	11/18/2008	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QA-SB10	25	11/18/2008	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QA-SB11	5	11/18/2008	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QA-SB11	10	11/18/2008	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QA-SB11	15	11/18/2008	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QA-SB11	20	11/18/2008	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QA-SB12	5	11/19/2008	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QA-SB12	8	11/19/2008	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QA-SB12	10	11/19/2008	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QA-SB12	15	11/19/2008	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QA-SB12	20	11/19/2008	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QA-SB12	25	11/19/2008	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QA-SB12	30	11/19/2008	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QA-SB13	5	11/18/2008	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050

Table 2
Soil Analytical Results - Volatile Organic Compounds
Former Orcutt Refinery
1550 West Stowell Road

Sample Location	Depth	Date	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	1,2-Dibromoethane (EDB)	1,2-Dichlorobenzene	1,2-Dichloroethane
QA-SB13	10	11/18/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QA-SB13	15	11/18/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QA-SB13	20	11/18/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QA-SB14	5	11/18/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QA-SB14	10	11/18/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QA-SB14	15	11/18/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QA-SB14	20	11/18/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QA-SB14	21	11/18/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QA-SB15	5	11/18/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QA-SB15	10	11/18/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QA-SB15	15	11/18/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QA-SB15	20	11/18/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QA-SB16	5	11/18/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QA-SB16	10	11/18/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QA-SB16	15	11/18/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QA-SB16	20	11/18/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QA-SB23	12	11/18/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QA-SB23	15	11/18/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	0.0041J	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QA-SB23	20	11/18/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QA-SB23	25	11/18/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QA-SB23	30	11/18/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QA-SB25	5	12/9/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QA-SB25	10	12/9/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QA-SB25	15	12/9/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QA-SB29	20	11/18/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QA-SB37	5	12/1/2008	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	0.19	<0.025	<0.025	<0.025	<0.025
QA-SB37	10	12/1/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QA-SB37	15	12/1/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QA-SB37	20	12/1/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QA-SB37	25	12/1/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QA-SB37	30	12/1/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050

Table 2
Soil Analytical Results - Volatile Organic Compounds
Former Orcutt Refinery
1550 West Stowell Road

Sample Location	Depth	Date	1,2-Dichloropropane	1,3,5-Trimethylbenzene	1,3-Dichlorobenzene	1,3-Dichloropropane	1,4-Dichlorobenzene	2,2-Dichloropropane	2-Butanone	2-Chloroethylvinyl ether	2-Chlorotoluene	4-Chlorotoluene	4-Isopropyl Toluene	Benzene	Bromobenzene	Bromochloromethane	Bromodichloromethane
QA-SB13	10	11/18/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QA-SB13	15	11/18/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QA-SB13	20	11/18/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QA-SB14	5	11/18/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QA-SB14	10	11/18/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QA-SB14	15	11/18/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QA-SB14	20	11/18/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QA-SB14	21	11/18/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QA-SB15	5	11/18/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QA-SB15	10	11/18/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QA-SB15	15	11/18/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QA-SB15	20	11/18/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QA-SB16	5	11/18/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QA-SB16	10	11/18/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QA-SB16	15	11/18/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QA-SB16	20	11/18/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QA-SB23	12	11/18/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QA-SB23	15	11/18/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QA-SB23	20	11/18/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QA-SB23	25	11/18/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QA-SB23	30	11/18/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QA-SB25	5	12/9/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QA-SB25	10	12/9/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QA-SB25	15	12/9/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QA-SB29	20	11/18/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QA-SB37	5	12/1/2008	<0.025	0.096	<0.025	<0.025	<0.025	<0.025	<0.50	<0.025	0.28	<0.025	0.1	0.041	<0.025	<0.025	<0.025
QA-SB37	10	12/1/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QA-SB37	15	12/1/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QA-SB37	20	12/1/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QA-SB37	25	12/1/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QA-SB37	30	12/1/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050

Table 2
Soil Analytical Results - Volatile Organic Compounds
Former Orcutt Refinery
1550 West Stowell Road

Sample Location	Depth	Date	Bromoform	Bromomethane	Carbon tetrachloride	Chlorobenzene	Chloroethane	Chloroform	Chloromethane	cis-1,2-Dichloroethene	cis-1,3-Dichloropropene	Dibromochloromethane	Dibromomethane	Dichlorodifluoromethane	Dichlorotrifluoroethane	Diisopropyl Ether	Ethyl t-Butyl Ether
QA-SB13	10	11/18/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QA-SB13	15	11/18/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QA-SB13	20	11/18/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QA-SB14	5	11/18/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QA-SB14	10	11/18/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QA-SB14	15	11/18/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QA-SB14	20	11/18/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QA-SB14	21	11/18/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QA-SB15	5	11/18/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QA-SB15	10	11/18/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QA-SB15	15	11/18/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QA-SB15	20	11/18/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QA-SB16	5	11/18/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QA-SB16	10	11/18/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QA-SB16	15	11/18/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QA-SB16	20	11/18/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QA-SB23	12	11/18/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QA-SB23	15	11/18/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QA-SB23	20	11/18/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QA-SB23	25	11/18/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QA-SB23	30	11/18/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QA-SB25	5	12/9/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QA-SB25	10	12/9/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QA-SB25	15	12/9/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QA-SB29	20	11/18/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QA-SB37	5	12/1/2008	<0.025	<0.025	0.067	<0.025	<0.025	0.011J	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	-	<0.025	<0.025
QA-SB37	10	12/1/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QA-SB37	15	12/1/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QA-SB37	20	12/1/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QA-SB37	25	12/1/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QA-SB37	30	12/1/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050

Table 2
Soil Analytical Results - Volatile Organic Compounds
Former Orcutt Refinery
1550 West Stowell Road

Sample Location	Depth	Date	Ethylbenzene	Hexachlorobutadiene	Isopropylbenzene	Methylene Chloride	Methyl-t-butyl ether	Naphthalene	n-Butylbenzene	n-Propylbenzene	sec-Butylbenzene	Styrene	t-Amyl Methyl Ether	t-Butyl alcohol	tert-Butylbenzene	Tetrachloroethene (PCE)	Toluene
QA-SB13	10	11/18/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.025	<0.0050	<0.0050	<0.0050
QA-SB13	15	11/18/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.025	<0.0050	<0.0050	<0.0050
QA-SB13	20	11/18/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.025	<0.0050	<0.0050	<0.0050
QA-SB14	5	11/18/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.025	<0.0050	<0.0050	<0.0050
QA-SB14	10	11/18/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.025	<0.0050	<0.0050	<0.0050
QA-SB14	15	11/18/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.025	<0.0050	<0.0050	<0.0050
QA-SB14	20	11/18/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.025	<0.0050	<0.0050	<0.0050
QA-SB14	21	11/18/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.025	<0.0050	<0.0050	<0.0050
QA-SB15	5	11/18/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.025	<0.0050	<0.0050	<0.0050
QA-SB15	10	11/18/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.025	<0.0050	<0.0050	<0.0050
QA-SB15	15	11/18/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.025	<0.0050	<0.0050	<0.0050
QA-SB15	20	11/18/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.025	<0.0050	<0.0050	<0.0050
QA-SB16	5	11/18/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.025	<0.0050	<0.0050	<0.0050
QA-SB16	10	11/18/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.025	<0.0050	<0.0050	<0.0050
QA-SB16	15	11/18/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.025	<0.0050	<0.0050	<0.0050
QA-SB16	20	11/18/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.025	<0.0050	<0.0050	<0.0050
QA-SB23	12	11/18/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.025	<0.0050	<0.0050	<0.0050
QA-SB23	15	11/18/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.025	<0.0050	<0.0050	<0.0050
QA-SB23	20	11/18/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.025	<0.0050	<0.0050	<0.0050
QA-SB23	25	11/18/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.025	<0.0050	<0.0050	<0.0050
QA-SB23	30	11/18/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.025	<0.0050	<0.0050	<0.0050
QA-SB25	5	12/9/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.025	<0.0050	<0.0050	<0.0050
QA-SB25	10	12/9/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.025	<0.0050	<0.0050	<0.0050
QA-SB25	15	12/9/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.025	<0.0050	<0.0050	<0.0050
QA-SB29	20	11/18/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.025	<0.0050	<0.0050	<0.0050
QA-SB37	5	12/1/2008	0.36	<0.025	0.1	<0.025	<0.025	<0.025	0.094	0.15	0.066	<0.025	<0.025	<0.12	<0.025	<0.025	0.035
QA-SB37	10	12/1/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.025	<0.0050	<0.0050	<0.0050
QA-SB37	15	12/1/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.025	<0.0050	<0.0050	<0.0050
QA-SB37	20	12/1/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.025	<0.0050	<0.0050	<0.0050
QA-SB37	25	12/1/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.025	<0.0050	<0.0050	<0.0050
QA-SB37	30	12/1/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.025	<0.0050	<0.0050	<0.0050

Table 2
Soil Analytical Results - Volatile Organic Compounds
Former Orcutt Refinery
1550 West Stowell Road

Sample Location	Depth	Date	trans-1,2-Dichloroethene	trans-1,3-Dichloropropene	Trichloroethene (TCE)	Trichlorofluoromethane	Trichlorotrifluoroethane	Vinyl Chloride	Xylenes (total)
QA-SB13	10	11/18/2008	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QA-SB13	15	11/18/2008	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QA-SB13	20	11/18/2008	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QA-SB14	5	11/18/2008	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QA-SB14	10	11/18/2008	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QA-SB14	15	11/18/2008	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QA-SB14	20	11/18/2008	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QA-SB14	21	11/18/2008	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QA-SB15	5	11/18/2008	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QA-SB15	10	11/18/2008	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QA-SB15	15	11/18/2008	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QA-SB15	20	11/18/2008	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QA-SB16	5	11/18/2008	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QA-SB16	10	11/18/2008	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QA-SB16	15	11/18/2008	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QA-SB16	20	11/18/2008	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QA-SB23	12	11/18/2008	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QA-SB23	15	11/18/2008	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QA-SB23	20	11/18/2008	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QA-SB23	25	11/18/2008	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QA-SB23	30	11/18/2008	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QA-SB25	5	12/9/2008	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QA-SB25	10	12/9/2008	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QA-SB25	15	12/9/2008	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QA-SB29	20	11/18/2008	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QA-SB37	5	12/1/2008	<0.025	<0.025	<0.025	<0.025	-	<0.025	0.54
QA-SB37	10	12/1/2008	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QA-SB37	15	12/1/2008	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QA-SB37	20	12/1/2008	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QA-SB37	25	12/1/2008	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QA-SB37	30	12/1/2008	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050

Table 2
Soil Analytical Results - Volatile Organic Compounds
Former Orcutt Refinery
1550 West Stowell Road

Sample Location	Depth	Date	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	1,2-Dibromoethane (EDB)	1,2-Dichlorobenzene	1,2-Dichloroethane
QA-TP1	3	11/11/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QA-TP1	8	11/11/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QA-TP2	2.5	11/11/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QA-TP2	4	11/11/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QA-TP2	10	11/11/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QA-TP3	5	11/11/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QA-TP4	4	11/12/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QA-TP4	8	11/12/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QA-TP5	8	11/12/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QA-TP6	8	11/12/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QA-TP7	3	11/12/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QA-TP7	10	11/12/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QA-TP8	4	11/12/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QA-TP8	8	11/12/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QA-TP8	10	11/12/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QA-TP9	3	11/12/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QA-TP9	10	11/12/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QA-TP10	3	11/12/2008	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	3	<0.25	<0.25	<0.25	<0.25
QA-TP10	10	11/12/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QA-TP11	10	11/12/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QA-TP12	3	11/12/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QA-TP12	6	11/12/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QA-TP12	10	11/12/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QA-TP13	3	11/14/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QA-TP13	6	11/14/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QA-TP13	10	11/14/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP1	2.5	11/19/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP1	5	11/19/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP1	10	11/21/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP1	15	11/21/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP1	20	11/21/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050

Table 2
Soil Analytical Results - Volatile Organic Compounds
Former Orcutt Refinery
1550 West Stowell Road

Sample Location	Depth	Date	1,2-Dichloropropane	1,3,5-Trimethylbenzene	1,3-Dichlorobenzene	1,3-Dichloropropane	1,4-Dichlorobenzene	2,2-Dichloropropane	2-Butanone	2-Chloroethylvinyl ether	2-Chlorotoluene	4-Chlorotoluene	4-Isopropyl Toluene	Benzene	Bromobenzene	Bromochloromethane	Bromodichloromethane
QA-TP1	3	11/11/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QA-TP1	8	11/11/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QA-TP2	2.5	11/11/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QA-TP2	4	11/11/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QA-TP2	10	11/11/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QA-TP3	5	11/11/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QA-TP4	4	11/12/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QA-TP4	8	11/12/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QA-TP5	8	11/12/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QA-TP6	8	11/12/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QA-TP7	3	11/12/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QA-TP7	10	11/12/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QA-TP8	4	11/12/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QA-TP8	8	11/12/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QA-TP8	10	11/12/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QA-TP9	3	11/12/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QA-TP9	10	11/12/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QA-TP10	3	11/12/2008	<0.25	0.9	<0.25	<0.25	<0.25	<0.25	<5.0	<0.25	<0.25	<0.25	1.1	**0.16J**	<0.25	<0.25	<0.25
QA-TP10	10	11/12/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QA-TP11	10	11/12/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QA-TP12	3	11/12/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QA-TP12	6	11/12/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QA-TP12	10	11/12/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QA-TP13	3	11/14/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QA-TP13	6	11/14/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QA-TP13	10	11/14/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP1	2.5	11/19/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP1	5	11/19/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP1	10	11/21/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP1	15	11/21/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP1	20	11/21/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050

Table 2
Soil Analytical Results - Volatile Organic Compounds
Former Orcutt Refinery
1550 West Stowell Road

Sample Location	Depth	Date	Bromoform	Bromomethane	Carbon tetrachloride	Chlorobenzene	Chloroethane	Chloroform	Chloromethane	cis-1,2-Dichloroethene	cis-1,3-Dichloropropene	Dibromochloromethane	Dibromomethane	Dichlorodifluoromethane	Dichlorotrifluoroethane	Diisopropyl Ether	Ethyl t-Butyl Ether
QA-TP1	3	11/11/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QA-TP1	8	11/11/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QA-TP2	2.5	11/11/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QA-TP2	4	11/11/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QA-TP2	10	11/11/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QA-TP3	5	11/11/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QA-TP4	4	11/12/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QA-TP4	8	11/12/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QA-TP5	8	11/12/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QA-TP6	8	11/12/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QA-TP7	3	11/12/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QA-TP7	10	11/12/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QA-TP8	4	11/12/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QA-TP8	8	11/12/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QA-TP8	10	11/12/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QA-TP9	3	11/12/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QA-TP9	10	11/12/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QA-TP10	3	11/12/2008	<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
QA-TP10	10	11/12/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QA-TP11	10	11/12/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QA-TP12	3	11/12/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QA-TP12	6	11/12/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QA-TP12	10	11/12/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QA-TP13	3	11/14/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QA-TP13	6	11/14/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QA-TP13	10	11/14/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB/TP1	2.5	11/19/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB/TP1	5	11/19/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB/TP1	10	11/21/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB/TP1	15	11/21/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB/TP1	20	11/21/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050

Table 2
Soil Analytical Results - Volatile Organic Compounds
Former Orcutt Refinery
1550 West Stowell Road

Sample Location	Depth	Date	Ethylbenzene	Hexachlorobutadiene	Isopropylbenzene	Methylene Chloride	Methyl-t-butyl ether	Naphthalene	n-Butylbenzene	n-Propylbenzene	sec-Butylbenzene	Styrene	t-Amyl Methyl Ether	t-Butyl alcohol	tert-Butylbenzene	Tetrachloroethene (PCE)	Toluene
QA-TP1	3	11/11/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.025	<0.0050	<0.0050	<0.0050
QA-TP1	8	11/11/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.025	<0.0050	<0.0050	<0.0050
QA-TP2	2.5	11/11/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.025	<0.0050	<0.0050	<0.0050
QA-TP2	4	11/11/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.025	<0.0050	<0.0050	<0.0050
QA-TP2	10	11/11/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.025	<0.0050	<0.0050	<0.0050
QA-TP3	5	11/11/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.025	<0.0050	<0.0050	<0.0050
QA-TP4	4	11/12/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.025	<0.0050	<0.0050	<0.0050
QA-TP4	8	11/12/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.025	<0.0050	<0.0050	<0.0050
QA-TP5	8	11/12/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.025	<0.0050	<0.0050	<0.0050
QA-TP6	8	11/12/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.025	<0.0050	<0.0050	<0.0050
QA-TP7	3	11/12/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.025	<0.0050	<0.0050	<0.0050
QA-TP7	10	11/12/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.025	<0.0050	<0.0050	<0.0050
QA-TP8	4	11/12/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.025	<0.0050	<0.0050	<0.0050
QA-TP8	8	11/12/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.025	<0.0050	<0.0050	<0.0050
QA-TP8	10	11/12/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.025	<0.0050	<0.0050	<0.0050
QA-TP9	3	11/12/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.025	<0.0050	<0.0050	<0.0050
QA-TP9	10	11/12/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.025	<0.0050	<0.0050	<0.0050
QA-TP10	3	11/12/2008	1.4	<0.25	0.59	<0.25	<0.25	**2.5**	1.2	<0.25	0.62	<0.25	<0.25	<1.2	<0.25	<0.25	0.18J
QA-TP10	10	11/12/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.025	<0.0050	<0.0050	<0.0050
QA-TP11	10	11/12/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.025	<0.0050	<0.0050	<0.0050
QA-TP12	3	11/12/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.025	<0.0050	<0.0050	<0.0050
QA-TP12	6	11/12/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.025	<0.0050	<0.0050	<0.0050
QA-TP12	10	11/12/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.025	<0.0050	<0.0050	<0.0050
QA-TP13	3	11/14/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.025	<0.0050	<0.0050	<0.0050
QA-TP13	6	11/14/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.025	<0.0050	<0.0050	<0.0050
QA-TP13	10	11/14/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	0.021	<0.0050	<0.0050	<0.025	<0.0050	<0.0050	<0.0050
QB-SB/TP1	2.5	11/19/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.025	<0.0050	<0.0050	<0.0050
QB-SB/TP1	5	11/19/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.025	<0.0050	<0.0050	<0.0050
QB-SB/TP1	10	11/21/2008	<0.0050	<0.0050	<0.0050	0.086	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.025	<0.0050	<0.0050	<0.0050
QB-SB/TP1	15	11/21/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.025	<0.0050	<0.0050	<0.0050
QB-SB/TP1	20	11/21/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.025	<0.0050	<0.0050	<0.0050

Table 2
Soil Analytical Results - Volatile Organic Compounds
Former Orcutt Refinery
1550 West Stowell Road

Sample Location	Depth	Date	trans-1,2-Dichloroethene	trans-1,3-Dichloropropene	Trichloroethene (TCE)	Trichlorofluoromethane	Trichlorotrifluoroethane	Vinyl Chloride	Xylenes (total)
QA-TP1	3	11/11/2008	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QA-TP1	8	11/11/2008	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QA-TP2	2.5	11/11/2008	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QA-TP2	4	11/11/2008	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QA-TP2	10	11/11/2008	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QA-TP3	5	11/11/2008	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QA-TP4	4	11/12/2008	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QA-TP4	8	11/12/2008	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QA-TP5	8	11/12/2008	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QA-TP6	8	11/12/2008	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QA-TP7	3	11/12/2008	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QA-TP7	10	11/12/2008	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QA-TP8	4	11/12/2008	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QA-TP8	8	11/12/2008	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QA-TP8	10	11/12/2008	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QA-TP9	3	11/12/2008	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QA-TP9	10	11/12/2008	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QA-TP10	3	11/12/2008	<0.25	<0.25	<0.25	<0.25	-	<0.25	1.2
QA-TP10	10	11/12/2008	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QA-TP11	10	11/12/2008	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QA-TP12	3	11/12/2008	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QA-TP12	6	11/12/2008	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QA-TP12	10	11/12/2008	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QA-TP13	3	11/14/2008	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QA-TP13	6	11/14/2008	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QA-TP13	10	11/14/2008	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB/TP1	2.5	11/19/2008	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB/TP1	5	11/19/2008	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB/TP1	10	11/21/2008	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB/TP1	15	11/21/2008	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB/TP1	20	11/21/2008	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050

Table 2
Soil Analytical Results - Volatile Organic Compounds
Former Orcutt Refinery
1550 West Stowell Road

Sample Location	Depth	Date	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	1,2-Dibromoethane (EDB)	1,2-Dichlorobenzene	1,2-Dichloroethane
QB-SB/TP1	25	11/21/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP2	5	11/18/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP2	10	11/20/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP2	15	11/20/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP2	20	11/20/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP2	25	11/20/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP3	5	11/18/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP3	10	11/20/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP3	15	11/20/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP3	20	11/20/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP4	5	11/17/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP4	10	11/20/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP4	15	11/20/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP4	20	11/20/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP5	5	11/17/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP5	10	11/20/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP5	15	11/20/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP5	20	11/20/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP6	5	11/17/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP6	10	11/20/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP6	15	11/20/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP6	20	11/20/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP6	25	11/20/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP7	5	11/17/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP7	10	11/21/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP7	15	11/21/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP7	20	11/21/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP8	5	11/17/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP8	10	11/19/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP8	15	11/19/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP8	20	11/19/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050

Table 2
Soil Analytical Results - Volatile Organic Compounds
Former Orcutt Refinery
1550 West Stowell Road

Sample Location	Depth	Date	1,2-Dichloropropane	1,3,5-Trimethylbenzene	1,3-Dichlorobenzene	1,3-Dichloropropane	1,4-Dichlorobenzene	2,2-Dichloropropane	2-Butanone	2-Chloroethylvinyl ether	2-Chlorotoluene	4-Chlorotoluene	4-Isopropyl Toluene	Benzene	Bromobenzene	Bromochloromethane	Bromodichloromethane
QB-SB/TP1	25	11/21/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP2	5	11/18/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP2	10	11/20/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP2	15	11/20/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP2	20	11/20/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP2	25	11/20/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP3	5	11/18/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP3	10	11/20/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP3	15	11/20/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP3	20	11/20/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP4	5	11/17/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP4	10	11/20/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP4	15	11/20/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP4	20	11/20/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP5	5	11/17/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP5	10	11/20/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP5	15	11/20/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP5	20	11/20/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP6	5	11/17/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP6	10	11/20/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP6	15	11/20/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP6	20	11/20/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP6	25	11/20/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP7	5	11/17/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP7	10	11/21/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP7	15	11/21/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP7	20	11/21/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP8	5	11/17/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP8	10	11/19/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP8	15	11/19/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP8	20	11/19/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050

Table 2
Soil Analytical Results - Volatile Organic Compounds
Former Orcutt Refinery
1550 West Stowell Road

Sample Location	Depth	Date	Bromoform	Bromomethane	Carbon tetrachloride	Chlorobenzene	Chloroethane	Chloroform	Chloromethane	cis-1,2-Dichloroethene	cis-1,3-Dichloropropene	Dibromochloromethane	Dibromomethane	Dichlorodifluoromethane	Dichlorotrifluoroethane	Diisopropyl Ether	Ethyl t-Butyl Ether
QB-SB/TP1	25	11/21/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB/TP2	5	11/18/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB/TP2	10	11/20/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB/TP2	15	11/20/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB/TP2	20	11/20/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB/TP2	25	11/20/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB/TP3	5	11/18/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB/TP3	10	11/20/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB/TP3	15	11/20/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB/TP3	20	11/20/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB/TP4	5	11/17/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB/TP4	10	11/20/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB/TP4	15	11/20/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB/TP4	20	11/20/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB/TP5	5	11/17/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB/TP5	10	11/20/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB/TP5	15	11/20/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB/TP5	20	11/20/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB/TP6	5	11/17/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB/TP6	10	11/20/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB/TP6	15	11/20/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB/TP6	20	11/20/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB/TP6	25	11/20/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB/TP7	5	11/17/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB/TP7	10	11/21/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB/TP7	15	11/21/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB/TP7	20	11/21/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB/TP8	5	11/17/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB/TP8	10	11/19/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB/TP8	15	11/19/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB/TP8	20	11/19/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050

Table 2
Soil Analytical Results - Volatile Organic Compounds
Former Orcutt Refinery
1550 West Stowell Road

Sample Location	Depth	Date	Ethylbenzene	Hexachlorobutadiene	Isopropylbenzene	Methylene Chloride	Methyl-t-butyl ether	Naphthalene	n-Butylbenzene	n-Propylbenzene	sec-Butylbenzene	Styrene	t-Amyl Methyl Ether	t-Butyl alcohol	tert-Butylbenzene	Tetrachloroethene (PCE)	Toluene
QB-SB/TP1	25	11/21/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.025	<0.0050	<0.0050	<0.0050
QB-SB/TP2	5	11/18/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.025	<0.0050	<0.0050	<0.0050
QB-SB/TP2	10	11/20/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.025	<0.0050	<0.0050	<0.0050
QB-SB/TP2	15	11/20/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.025	<0.0050	<0.0050	<0.0050
QB-SB/TP2	20	11/20/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.025	<0.0050	<0.0050	<0.0050
QB-SB/TP2	25	11/20/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.025	<0.0050	<0.0050	<0.0050
QB-SB/TP3	5	11/18/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.025	<0.0050	<0.0050	<0.0050
QB-SB/TP3	10	11/20/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.025	<0.0050	<0.0050	<0.0050
QB-SB/TP3	15	11/20/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.025	<0.0050	<0.0050	<0.0050
QB-SB/TP3	20	11/20/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.025	<0.0050	<0.0050	<0.0050
QB-SB/TP4	5	11/17/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.025	<0.0050	<0.0050	<0.0050
QB-SB/TP4	10	11/20/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.025	<0.0050	<0.0050	<0.0050
QB-SB/TP4	15	11/20/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.025	<0.0050	<0.0050	<0.0050
QB-SB/TP4	20	11/20/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.025	<0.0050	<0.0050	<0.0050
QB-SB/TP5	5	11/17/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.025	<0.0050	<0.0050	<0.0050
QB-SB/TP5	10	11/20/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.025	<0.0050	<0.0050	<0.0050
QB-SB/TP5	15	11/20/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.025	<0.0050	<0.0050	<0.0050
QB-SB/TP5	20	11/20/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	0.0040J	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.025	<0.0050	<0.0050	<0.0050
QB-SB/TP6	5	11/17/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.025	<0.0050	<0.0050	<0.0050
QB-SB/TP6	10	11/20/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	0.0038J	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.025	<0.0050	<0.0050	<0.0050
QB-SB/TP6	15	11/20/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.025	<0.0050	<0.0050	<0.0050
QB-SB/TP6	20	11/20/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.025	<0.0050	<0.0050	<0.0050
QB-SB/TP6	25	11/20/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.025	<0.0050	<0.0050	<0.0050
QB-SB/TP7	5	11/17/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.025	<0.0050	<0.0050	<0.0050
QB-SB/TP7	10	11/21/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.025	<0.0050	<0.0050	<0.0050
QB-SB/TP7	15	11/21/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.025	<0.0050	<0.0050	<0.0050
QB-SB/TP7	20	11/21/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.025	<0.0050	<0.0050	<0.0050
QB-SB/TP8	5	11/17/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.025	<0.0050	<0.0050	<0.0050
QB-SB/TP8	10	11/19/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.025	<0.0050	<0.0050	<0.0050
QB-SB/TP8	15	11/19/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.025	<0.0050	<0.0050	<0.0050
QB-SB/TP8	20	11/19/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.025	<0.0050	<0.0050	<0.0050

Table 2
Soil Analytical Results - Volatile Organic Compounds
Former Orcutt Refinery
1550 West Stowell Road

Sample Location	Depth	Date	trans-1,2-Dichloroethene	trans-1,3-Dichloropropene	Trichloroethene (TCE)	Trichlorofluoromethane	Trichlorotrifluoroethane	Vinyl Chloride	Xylenes (total)
QB-SB/TP1	25	11/21/2008	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB/TP2	5	11/18/2008	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB/TP2	10	11/20/2008	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB/TP2	15	11/20/2008	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB/TP2	20	11/20/2008	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB/TP2	25	11/20/2008	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB/TP3	5	11/18/2008	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB/TP3	10	11/20/2008	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB/TP3	15	11/20/2008	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB/TP3	20	11/20/2008	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB/TP4	5	11/17/2008	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB/TP4	10	11/20/2008	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB/TP4	15	11/20/2008	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB/TP4	20	11/20/2008	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB/TP5	5	11/17/2008	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB/TP5	10	11/20/2008	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB/TP5	15	11/20/2008	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB/TP5	20	11/20/2008	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB/TP6	5	11/17/2008	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB/TP6	10	11/20/2008	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB/TP6	15	11/20/2008	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB/TP6	20	11/20/2008	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB/TP6	25	11/20/2008	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB/TP7	5	11/17/2008	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB/TP7	10	11/21/2008	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB/TP7	15	11/21/2008	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB/TP7	20	11/21/2008	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB/TP8	5	11/17/2008	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB/TP8	10	11/19/2008	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB/TP8	15	11/19/2008	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB/TP8	20	11/19/2008	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050

Table 2
Soil Analytical Results - Volatile Organic Compounds
Former Orcutt Refinery
1550 West Stowell Road

Sample Location	Depth	Date	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	1,2-Dibromoethane (EDB)	1,2-Dichlorobenzene	1,2-Dichloroethane
QB-SB/TP9	5	11/17/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP9	10	11/19/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP9	15	11/19/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP9	20	11/19/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP10	5	11/18/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	0.0025J	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP10	10	11/19/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP10	15	11/19/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP10	20	11/19/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP11	3	11/19/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP11	5	11/19/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP11	10	11/21/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	0.0023J	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP11	15	11/21/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP11	20	11/21/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP12	5	11/18/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP12	10	11/24/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP12	15	11/24/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP12	20	11/24/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP12	25	11/24/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP13	5	11/18/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP13	10	11/24/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP13	15	11/24/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP13	20	11/24/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP13	25	11/24/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	0.0044J	<0.0050	0.0056	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP14	5	11/18/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP14	10	11/21/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP14	15	11/21/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP14	20	11/21/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP14	25	11/21/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP15	1	11/18/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP15	5	11/18/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP15	10	11/21/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050

Table 2
Soil Analytical Results - Volatile Organic Compounds
Former Orcutt Refinery
1550 West Stowell Road

Sample Location	Depth	Date	1,2-Dichloropropane	1,3,5-Trimethylbenzene	1,3-Dichlorobenzene	1,3-Dichloropropane	1,4-Dichlorobenzene	2,2-Dichloropropane	2-Butanone	2-Chloroethylvinyl ether	2-Chlorotoluene	4-Chlorotoluene	4-Isopropyl Toluene	Benzene	Bromobenzene	Bromochloromethane	Bromodichloromethane
QB-SB/TP9	5	11/17/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP9	10	11/19/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP9	15	11/19/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP9	20	11/19/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP10	5	11/18/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP10	10	11/19/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP10	15	11/19/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP10	20	11/19/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP11	3	11/19/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP11	5	11/19/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP11	10	11/21/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP11	15	11/21/2008	<0.0050	<0.0050	<0.0050	<0.0050	0.1	<0.0050	<0.10	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP11	20	11/21/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP12	5	11/18/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP12	10	11/24/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP12	15	11/24/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP12	20	11/24/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP12	25	11/24/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP13	5	11/18/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP13	10	11/24/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP13	15	11/24/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP13	20	11/24/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP13	25	11/24/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP14	5	11/18/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP14	10	11/21/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP14	15	11/21/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP14	20	11/21/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP14	25	11/21/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP15	1	11/18/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	<0.0050	<0.0050	<0.0050	<0.0050	0.0021J	<0.0050	<0.0050	<0.0050
QB-SB/TP15	5	11/18/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP15	10	11/21/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050

Table 2
Soil Analytical Results - Volatile Organic Compounds
Former Orcutt Refinery
1550 West Stowell Road

Sample Location	Depth	Date	Bromoform	Bromomethane	Carbon tetrachloride	Chlorobenzene	Chloroethane	Chloroform	Chloromethane	cis-1,2-Dichloroethene	cis-1,3-Dichloropropene	Dibromochloromethane	Dibromomethane	Dichlorodifluoromethane	Dichlorotrifluoroethane	Diisopropyl Ether	Ethyl t-Butyl Ether
QB-SB/TP9	5	11/17/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB/TP9	10	11/19/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB/TP9	15	11/19/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB/TP9	20	11/19/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB/TP10	5	11/18/2008	<0.0050	<0.0050	<0.0050	0.0041J	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB/TP10	10	11/19/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB/TP10	15	11/19/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB/TP10	20	11/19/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB/TP11	3	11/19/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB/TP11	5	11/19/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB/TP11	10	11/21/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB/TP11	15	11/21/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB/TP11	20	11/21/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB/TP12	5	11/18/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB/TP12	10	11/24/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB/TP12	15	11/24/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB/TP12	20	11/24/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB/TP12	25	11/24/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB/TP13	5	11/18/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB/TP13	10	11/24/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB/TP13	15	11/24/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB/TP13	20	11/24/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB/TP13	25	11/24/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB/TP14	5	11/18/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB/TP14	10	11/21/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB/TP14	15	11/21/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB/TP14	20	11/21/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB/TP14	25	11/21/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB/TP15	1	11/18/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB/TP15	5	11/18/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB/TP15	10	11/21/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050

Table 2
Soil Analytical Results - Volatile Organic Compounds
Former Orcutt Refinery
1550 West Stowell Road

Sample Location	Depth	Date	Ethylbenzene	Hexachlorobutadiene	Isopropylbenzene	Methylene Chloride	Methyl-t-butyl ether	Naphthalene	n-Butylbenzene	n-Propylbenzene	sec-Butylbenzene	Styrene	t-Amyl Methyl Ether	t-Butyl alcohol	tert-Butylbenzene	Tetrachloroethene (PCE)	Toluene
QB-SB/TP9	5	11/17/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.025	<0.0050	<0.0050	<0.0050
QB-SB/TP9	10	11/19/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.025	<0.0050	<0.0050	<0.0050
QB-SB/TP9	15	11/19/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.025	<0.0050	<0.0050	<0.0050
QB-SB/TP9	20	11/19/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.025	<0.0050	<0.0050	<0.0050
QB-SB/TP10	5	11/18/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.025	<0.0050	<0.0050	0.0031J
QB-SB/TP10	10	11/19/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.025	<0.0050	<0.0050	<0.0050
QB-SB/TP10	15	11/19/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.025	<0.0050	<0.0050	<0.0050
QB-SB/TP10	20	11/19/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.025	<0.0050	<0.0050	<0.0050
QB-SB/TP11	3	11/19/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.025	<0.0050	<0.0050	<0.0050
QB-SB/TP11	5	11/19/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.025	<0.0050	<0.0050	<0.0050
QB-SB/TP11	10	11/21/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	0.0054	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.025	<0.0050	<0.0050	0.0020J
QB-SB/TP11	15	11/21/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.025	<0.0050	<0.0050	<0.0050
QB-SB/TP11	20	11/21/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.025	<0.0050	<0.0050	<0.0050
QB-SB/TP12	5	11/18/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.025	<0.0050	<0.0050	<0.0050
QB-SB/TP12	10	11/24/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	0.0041J	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.025	<0.0050	<0.0050	<0.0050
QB-SB/TP12	15	11/24/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	0.0036J	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.025	<0.0050	<0.0050	<0.0050
QB-SB/TP12	20	11/24/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.025	<0.0050	<0.0050	<0.0050
QB-SB/TP12	25	11/24/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.025	<0.0050	<0.0050	<0.0050
QB-SB/TP13	5	11/18/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.025	<0.0050	<0.0050	<0.0050
QB-SB/TP13	10	11/24/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	0.0044J	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.025	<0.0050	<0.0050	<0.0050
QB-SB/TP13	15	11/24/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	0.0047J	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.025	<0.0050	<0.0050	<0.0050
QB-SB/TP13	20	11/24/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	0.0043J	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.025	<0.0050	<0.0050	<0.0050
QB-SB/TP13	25	11/24/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	0.0053	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.025	<0.0050	<0.0050	<0.0050
QB-SB/TP14	5	11/18/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.025	<0.0050	<0.0050	<0.0050
QB-SB/TP14	10	11/21/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.025	<0.0050	<0.0050	<0.0050
QB-SB/TP14	15	11/21/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.025	<0.0050	<0.0050	<0.0050
QB-SB/TP14	20	11/21/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.025	<0.0050	<0.0050	<0.0050
QB-SB/TP14	25	11/21/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.025	<0.0050	<0.0050	<0.0050
QB-SB/TP15	1	11/18/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.025	<0.0050	<0.0050	0.0024J
QB-SB/TP15	5	11/18/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.025	<0.0050	<0.0050	<0.0050
QB-SB/TP15	10	11/21/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.025	<0.0050	<0.0050	<0.0050

Table 2
Soil Analytical Results - Volatile Organic Compounds
Former Orcutt Refinery
1550 West Stowell Road

Sample Location	Depth	Date	trans-1,2-Dichloroethene	trans-1,3-Dichloropropene	Trichloroethene (TCE)	Trichlorofluoromethane	Trichlorotrifluoroethane	Vinyl Chloride	Xylenes (total)
QB-SB/TP9	5	11/17/2008	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB/TP9	10	11/19/2008	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB/TP9	15	11/19/2008	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB/TP9	20	11/19/2008	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB/TP10	5	11/18/2008	<0.0050	<0.0050	0.0031J	<0.0050	-	<0.0050	<0.0050
QB-SB/TP10	10	11/19/2008	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB/TP10	15	11/19/2008	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB/TP10	20	11/19/2008	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB/TP11	3	11/19/2008	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB/TP11	5	11/19/2008	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB/TP11	10	11/21/2008	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	0.0026J
QB-SB/TP11	15	11/21/2008	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB/TP11	20	11/21/2008	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB/TP12	5	11/18/2008	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB/TP12	10	11/24/2008	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB/TP12	15	11/24/2008	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB/TP12	20	11/24/2008	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB/TP12	25	11/24/2008	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB/TP13	5	11/18/2008	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB/TP13	10	11/24/2008	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB/TP13	15	11/24/2008	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB/TP13	20	11/24/2008	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB/TP13	25	11/24/2008	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB/TP14	5	11/18/2008	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB/TP14	10	11/21/2008	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB/TP14	15	11/21/2008	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB/TP14	20	11/21/2008	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB/TP14	25	11/21/2008	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB/TP15	1	11/18/2008	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	0.0031J
QB-SB/TP15	5	11/18/2008	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB/TP15	10	11/21/2008	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050

Table 2
Soil Analytical Results - Volatile Organic Compounds
Former Orcutt Refinery
1550 West Stowell Road

Sample Location	Depth	Date	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	1,2-Dibromoethane (EDB)	1,2-Dichlorobenzene	1,2-Dichloroethane
QB-SB/TP15	15	11/21/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP15	20	11/21/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP15	25	11/21/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP16	3.5	11/19/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP16	5	11/19/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP16	10	12/1/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP16	15	12/1/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP16	20	12/1/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP16	25	12/1/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP17	3.5	11/19/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP17	5	11/19/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP17	10	11/24/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP17	15	11/24/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP17	20	11/24/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP17	25	11/24/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP18	4	11/19/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP18	5	11/19/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP18	10	12/1/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP18	15	12/1/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP18	20	12/1/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP18	25	12/1/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP19	3.5	11/19/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP19	5	11/19/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP19	10	11/25/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP19	15	11/25/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP19	20	11/25/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP19	25	11/25/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP20	1	11/18/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP20	3	11/18/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP20	5	11/18/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP20	10	11/25/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050

Table 2
Soil Analytical Results - Volatile Organic Compounds
Former Orcutt Refinery
1550 West Stowell Road

Sample Location	Depth	Date	1,2-Dichloropropane	1,3,5-Trimethylbenzene	1,3-Dichlorobenzene	1,3-Dichloropropane	1,4-Dichlorobenzene	2,2-Dichloropropane	2-Butanone	2-Chloroethylvinyl ether	2-Chlorotoluene	4-Chlorotoluene	4-Isopropyl Toluene	Benzene	Bromobenzene	Bromochloromethane	Bromodichloromethane
QB-SB/TP15	15	11/21/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP15	20	11/21/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP15	25	11/21/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP16	3.5	11/19/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP16	5	11/19/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP16	10	12/1/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP16	15	12/1/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP16	20	12/1/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP16	25	12/1/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP17	3.5	11/19/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP17	5	11/19/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP17	10	11/24/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP17	15	11/24/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP17	20	11/24/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP17	25	11/24/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP18	4	11/19/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP18	5	11/19/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP18	10	12/1/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP18	15	12/1/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP18	20	12/1/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP18	25	12/1/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP19	3.5	11/19/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP19	5	11/19/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP19	10	11/25/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP19	15	11/25/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP19	20	11/25/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP19	25	11/25/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP20	1	11/18/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP20	3	11/18/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP20	5	11/18/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP20	10	11/25/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050

Table 2
Soil Analytical Results - Volatile Organic Compounds
Former Orcutt Refinery
1550 West Stowell Road

Sample Location	Depth	Date	Bromoform	Bromomethane	Carbon tetrachloride	Chlorobenzene	Chloroethane	Chloroform	Chloromethane	cis-1,2-Dichloroethene	cis-1,3-Dichloropropene	Dibromochloromethane	Dibromomethane	Dichlorodifluoromethane	Dichlorotrifluoroethane	Diisopropyl Ether	Ethyl t-Butyl Ether
QB-SB/TP15	15	11/21/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB/TP15	20	11/21/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB/TP15	25	11/21/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB/TP16	3.5	11/19/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB/TP16	5	11/19/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB/TP16	10	12/1/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB/TP16	15	12/1/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB/TP16	20	12/1/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB/TP16	25	12/1/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB/TP17	3.5	11/19/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB/TP17	5	11/19/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB/TP17	10	11/24/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB/TP17	15	11/24/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB/TP17	20	11/24/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB/TP17	25	11/24/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB/TP18	4	11/19/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB/TP18	5	11/19/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB/TP18	10	12/1/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB/TP18	15	12/1/2008	<0.0050	<0.0050	0.013	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB/TP18	20	12/1/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB/TP18	25	12/1/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB/TP19	3.5	11/19/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB/TP19	5	11/19/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB/TP19	10	11/25/2008	<0.0050	<0.0050	0.015	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB/TP19	15	11/25/2008	<0.0050	<0.0050	0.014	<0.0050	<0.0050	0.0043J	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB/TP19	20	11/25/2008	<0.0050	<0.0050	0.015	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB/TP19	25	11/25/2008	<0.0050	<0.0050	0.014	<0.0050	<0.0050	0.0044J	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB/TP20	1	11/18/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB/TP20	3	11/18/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB/TP20	5	11/18/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB/TP20	10	11/25/2008	<0.0050	<0.0050	0.015	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050

Table 2
Soil Analytical Results - Volatile Organic Compounds
Former Orcutt Refinery
1550 West Stowell Road

Sample Location	Depth	Date	Ethylbenzene	Hexachlorobutadiene	Isopropylbenzene	Methylene Chloride	Methyl-t-butyl ether	Naphthalene	n-Butylbenzene	n-Propylbenzene	sec-Butylbenzene	Styrene	t-Amyl Methyl Ether	t-Butyl alcohol	tert-Butylbenzene	Tetrachloroethene (PCE)	Toluene
QB-SB/TP15	15	11/21/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.025	<0.0050	<0.0050	<0.0050
QB-SB/TP15	20	11/21/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.025	<0.0050	<0.0050	<0.0050
QB-SB/TP15	25	11/21/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.025	<0.0050	<0.0050	<0.0050
QB-SB/TP16	3.5	11/19/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.025	<0.0050	<0.0050	<0.0050
QB-SB/TP16	5	11/19/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.025	<0.0050	<0.0050	<0.0050
QB-SB/TP16	10	12/1/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.025	<0.0050	<0.0050	<0.0050
QB-SB/TP16	15	12/1/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.025	<0.0050	<0.0050	<0.0050
QB-SB/TP16	20	12/1/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.025	<0.0050	<0.0050	<0.0050
QB-SB/TP16	25	12/1/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.025	<0.0050	<0.0050	<0.0050
QB-SB/TP17	3.5	11/19/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.025	<0.0050	<0.0050	<0.0050
QB-SB/TP17	5	11/19/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	0.0021J	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.025	<0.0050	<0.0050	<0.0050
QB-SB/TP17	10	11/24/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.025	<0.0050	<0.0050	<0.0050
QB-SB/TP17	15	11/24/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.025	<0.0050	<0.0050	<0.0050
QB-SB/TP17	20	11/24/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.025	<0.0050	<0.0050	<0.0050
QB-SB/TP17	25	11/24/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.025	<0.0050	<0.0050	<0.0050
QB-SB/TP18	4	11/19/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.025	<0.0050	<0.0050	<0.0050
QB-SB/TP18	5	11/19/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.025	<0.0050	<0.0050	<0.0050
QB-SB/TP18	10	12/1/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.025	<0.0050	<0.0050	<0.0050
QB-SB/TP18	15	12/1/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.025	<0.0050	<0.0050	<0.0050
QB-SB/TP18	20	12/1/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.025	<0.0050	<0.0050	<0.0050
QB-SB/TP18	25	12/1/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.025	<0.0050	<0.0050	<0.0050
QB-SB/TP19	3.5	11/19/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.025	<0.0050	<0.0050	<0.0050
QB-SB/TP19	5	11/19/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.025	<0.0050	<0.0050	<0.0050
QB-SB/TP19	10	11/25/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.025	<0.0050	<0.0050	<0.0050
QB-SB/TP19	15	11/25/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.025	<0.0050	<0.0050	<0.0050
QB-SB/TP19	20	11/25/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.025	<0.0050	<0.0050	<0.0050
QB-SB/TP19	25	11/25/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.025	<0.0050	<0.0050	<0.0050
QB-SB/TP20	1	11/18/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.025	<0.0050	<0.0050	<0.0050
QB-SB/TP20	3	11/18/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.025	<0.0050	<0.0050	<0.0050
QB-SB/TP20	5	11/18/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.025	<0.0050	<0.0050	<0.0050
QB-SB/TP20	10	11/25/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.025	<0.0050	<0.0050	<0.0050

Table 2
Soil Analytical Results - Volatile Organic Compounds
Former Orcutt Refinery
1550 West Stowell Road

Sample Location	Depth	Date	trans-1,2-Dichloroethene	trans-1,3-Dichloropropene	Trichloroethene (TCE)	Trichlorofluoromethane	Trichlorotrifluoroethane	Vinyl Chloride	Xylenes (total)
QB-SB/TP15	15	11/21/2008	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB/TP15	20	11/21/2008	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB/TP15	25	11/21/2008	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB/TP16	3.5	11/19/2008	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB/TP16	5	11/19/2008	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB/TP16	10	12/1/2008	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB/TP16	15	12/1/2008	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB/TP16	20	12/1/2008	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB/TP16	25	12/1/2008	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB/TP17	3.5	11/19/2008	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB/TP17	5	11/19/2008	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB/TP17	10	11/24/2008	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB/TP17	15	11/24/2008	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB/TP17	20	11/24/2008	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB/TP17	25	11/24/2008	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB/TP18	4	11/19/2008	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB/TP18	5	11/19/2008	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB/TP18	10	12/1/2008	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB/TP18	15	12/1/2008	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB/TP18	20	12/1/2008	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB/TP18	25	12/1/2008	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB/TP19	3.5	11/19/2008	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB/TP19	5	11/19/2008	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB/TP19	10	11/25/2008	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB/TP19	15	11/25/2008	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB/TP19	20	11/25/2008	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB/TP19	25	11/25/2008	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB/TP20	1	11/18/2008	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB/TP20	3	11/18/2008	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB/TP20	5	11/18/2008	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB/TP20	10	11/25/2008	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050

Table 2
Soil Analytical Results - Volatile Organic Compounds
Former Orcutt Refinery
1550 West Stowell Road

Sample Location	Depth	Date	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	1,2-Dibromoethane (EDB)	1,2-Dichlorobenzene	1,2-Dichloroethane
QB-SB/TP20	15	11/25/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP20	20	11/25/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP20	25	11/25/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP21	5	11/18/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP21	10	11/24/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP21	15	11/24/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP21	20	11/24/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP21	25	11/24/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP22	1	11/18/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP22	5	11/18/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP22	10	11/24/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP22	15	11/24/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP22	20	11/24/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP22	25	11/24/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP23	5	11/19/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP23	10	11/24/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP23	15	11/24/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP23	20	11/24/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP23	25	11/24/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP24	5	11/19/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP24	10	11/25/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	0.006	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP24	15	11/25/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP24	20	11/25/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	0.0061	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP24	25	11/25/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP25	5	11/18/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP25	10	11/21/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP25	15	11/21/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP25	20	11/21/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP25	25	11/21/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP26	5	11/17/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP26	10	11/19/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050

Table 2
Soil Analytical Results - Volatile Organic Compounds
Former Orcutt Refinery
1550 West Stowell Road

Sample Location	Depth	Date	1,2-Dichloropropane	1,3,5-Trimethylbenzene	1,3-Dichlorobenzene	1,3-Dichloropropane	1,4-Dichlorobenzene	2,2-Dichloropropane	2-Butanone	2-Chloroethylvinyl ether	2-Chlorotoluene	4-Chlorotoluene	4-Isopropyl Toluene	Benzene	Bromobenzene	Bromochloromethane	Bromodichloromethane
QB-SB/TP20	15	11/25/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP20	20	11/25/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP20	25	11/25/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP21	5	11/18/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP21	10	11/24/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP21	15	11/24/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP21	20	11/24/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP21	25	11/24/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP22	1	11/18/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP22	5	11/18/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP22	10	11/24/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP22	15	11/24/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP22	20	11/24/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP22	25	11/24/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP23	5	11/19/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP23	10	11/24/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP23	15	11/24/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP23	20	11/24/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP23	25	11/24/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP24	5	11/19/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP24	10	11/25/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP24	15	11/25/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP24	20	11/25/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP24	25	11/25/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP25	5	11/18/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP25	10	11/21/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP25	15	11/21/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP25	20	11/21/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP25	25	11/21/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP26	5	11/17/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP26	10	11/19/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050

Table 2
Soil Analytical Results - Volatile Organic Compounds
Former Orcutt Refinery
1550 West Stowell Road

Sample Location	Depth	Date	Bromoform	Bromomethane	Carbon tetrachloride	Chlorobenzene	Chloroethane	Chloroform	Chloromethane	cis-1,2-Dichloroethene	cis-1,3-Dichloropropene	Dibromochloromethane	Dibromomethane	Dichlorodifluoromethane	Dichlorotrifluoroethane	Diisopropyl Ether	Ethyl t-Butyl Ether
QB-SB/TP20	15	11/25/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB/TP20	20	11/25/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB/TP20	25	11/25/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB/TP21	5	11/18/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB/TP21	10	11/24/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB/TP21	15	11/24/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB/TP21	20	11/24/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB/TP21	25	11/24/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB/TP22	1	11/18/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB/TP22	5	11/18/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB/TP22	10	11/24/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB/TP22	15	11/24/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB/TP22	20	11/24/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB/TP22	25	11/24/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB/TP23	5	11/19/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB/TP23	10	11/24/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB/TP23	15	11/24/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB/TP23	20	11/24/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB/TP23	25	11/24/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB/TP24	5	11/19/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB/TP24	10	11/25/2008	<0.0050	<0.0050	0.015	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB/TP24	15	11/25/2008	<0.0050	<0.0050	0.014	<0.0050	<0.0050	0.0044J	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB/TP24	20	11/25/2008	<0.0050	<0.0050	0.015	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB/TP24	25	11/25/2008	<0.0050	<0.0050	0.014	<0.0050	<0.0050	0.0044J	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB/TP25	5	11/18/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB/TP25	10	11/21/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB/TP25	15	11/21/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB/TP25	20	11/21/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB/TP25	25	11/21/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB/TP26	5	11/17/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB/TP26	10	11/19/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050

Table 2
Soil Analytical Results - Volatile Organic Compounds
Former Orcutt Refinery
1550 West Stowell Road

Sample Location	Depth	Date	Ethylbenzene	Hexachlorobutadiene	Isopropylbenzene	Methylene Chloride	Methyl-t-butyl ether	Naphthalene	n-Butylbenzene	n-Propylbenzene	sec-Butylbenzene	Styrene	t-Amyl Methyl Ether	t-Butyl alcohol	tert-Butylbenzene	Tetrachloroethene (PCE)	Toluene
QB-SB/TP20	15	11/25/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.025	<0.0050	<0.0050	<0.0050
QB-SB/TP20	20	11/25/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.025	<0.0050	<0.0050	<0.0050
QB-SB/TP20	25	11/25/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.025	<0.0050	<0.0050	<0.0050
QB-SB/TP21	5	11/18/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.025	<0.0050	<0.0050	<0.0050
QB-SB/TP21	10	11/24/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.025	<0.0050	<0.0050	<0.0050
QB-SB/TP21	15	11/24/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.025	<0.0050	<0.0050	<0.0050
QB-SB/TP21	20	11/24/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.025	<0.0050	<0.0050	<0.0050
QB-SB/TP21	25	11/24/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.025	<0.0050	<0.0050	<0.0050
QB-SB/TP22	1	11/18/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.025	<0.0050	<0.0050	<0.0050
QB-SB/TP22	5	11/18/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.025	<0.0050	<0.0050	<0.0050
QB-SB/TP22	10	11/24/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.025	<0.0050	<0.0050	<0.0050
QB-SB/TP22	15	11/24/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.025	<0.0050	<0.0050	<0.0050
QB-SB/TP22	20	11/24/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.025	<0.0050	<0.0050	<0.0050
QB-SB/TP22	25	11/24/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.025	<0.0050	<0.0050	<0.0050
QB-SB/TP23	5	11/19/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.025	<0.0050	<0.0050	<0.0050
QB-SB/TP23	10	11/24/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.025	<0.0050	<0.0050	<0.0050
QB-SB/TP23	15	11/24/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.025	<0.0050	<0.0050	<0.0050
QB-SB/TP23	20	11/24/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.025	<0.0050	<0.0050	<0.0050
QB-SB/TP23	25	11/24/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.025	<0.0050	<0.0050	<0.0050
QB-SB/TP24	5	11/19/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.025	<0.0050	<0.0050	<0.0050
QB-SB/TP24	10	11/25/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.025	<0.0050	<0.0050	<0.0050
QB-SB/TP24	15	11/25/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.025	<0.0050	<0.0050	<0.0050
QB-SB/TP24	20	11/25/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.025	<0.0050	<0.0050	<0.0050
QB-SB/TP24	25	11/25/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.025	<0.0050	<0.0050	<0.0050
QB-SB/TP25	5	11/18/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.025	<0.0050	<0.0050	<0.0050
QB-SB/TP25	10	11/21/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.025	<0.0050	<0.0050	<0.0050
QB-SB/TP25	15	11/21/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.025	<0.0050	<0.0050	<0.0050
QB-SB/TP25	20	11/21/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.025	<0.0050	<0.0050	<0.0050
QB-SB/TP25	25	11/21/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.025	<0.0050	<0.0050	<0.0050
QB-SB/TP26	5	11/17/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.025	<0.0050	<0.0050	<0.0050
QB-SB/TP26	10	11/19/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.025	<0.0050	<0.0050	<0.0050

Table 2
Soil Analytical Results - Volatile Organic Compounds
Former Orcutt Refinery
1550 West Stowell Road

Sample Location	Depth	Date	trans-1,2-Dichloroethene	trans-1,3-Dichloropropene	Trichloroethene (TCE)	Trichlorofluoromethane	Trichlorotrifluoroethane	Vinyl Chloride	Xylenes (total)
QB-SB/TP20	15	11/25/2008	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB/TP20	20	11/25/2008	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB/TP20	25	11/25/2008	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB/TP21	5	11/18/2008	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB/TP21	10	11/24/2008	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB/TP21	15	11/24/2008	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB/TP21	20	11/24/2008	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB/TP21	25	11/24/2008	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB/TP22	1	11/18/2008	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB/TP22	5	11/18/2008	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB/TP22	10	11/24/2008	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB/TP22	15	11/24/2008	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB/TP22	20	11/24/2008	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB/TP22	25	11/24/2008	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB/TP23	5	11/19/2008	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB/TP23	10	11/24/2008	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB/TP23	15	11/24/2008	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB/TP23	20	11/24/2008	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB/TP23	25	11/24/2008	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB/TP24	5	11/19/2008	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB/TP24	10	11/25/2008	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB/TP24	15	11/25/2008	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB/TP24	20	11/25/2008	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB/TP24	25	11/25/2008	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB/TP25	5	11/18/2008	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB/TP25	10	11/21/2008	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB/TP25	15	11/21/2008	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB/TP25	20	11/21/2008	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB/TP25	25	11/21/2008	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB/TP26	5	11/17/2008	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB/TP26	10	11/19/2008	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050

Table 2
Soil Analytical Results - Volatile Organic Compounds
Former Orcutt Refinery
1550 West Stowell Road

Sample Location	Depth	Date	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	1,2-Dibromoethane (EDB)	1,2-Dichlorobenzene	1,2-Dichloroethane
QB-SB/TP26	15	11/19/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP26	20	11/19/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP26	25	11/19/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP27	5	11/17/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP27	10	11/19/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP27	15	11/19/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP27	20	11/19/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP27	25	11/19/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP34	5	11/21/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP34	7.5	11/21/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP34	10	11/24/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP34	15	11/24/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP34	20	11/24/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP35	1	11/21/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP35	5	11/21/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP35	10	11/24/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP35	15	11/24/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP35	20	11/24/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP35	25	11/24/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP36	2	11/21/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	0.0092	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP36	5	11/21/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP36	10	11/24/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP36	15	11/24/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP36	20	11/24/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP36	25	11/24/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP37	2.5	11/21/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP37	5	11/21/2008	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	0.18	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025
QB-SB/TP37	10	11/24/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP37	15	11/24/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP37	20	11/24/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP37	25	11/24/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050

Table 2
Soil Analytical Results - Volatile Organic Compounds
Former Orcutt Refinery
1550 West Stowell Road

Sample Location	Depth	Date	1,2-Dichloropropane	1,3,5-Trimethylbenzene	1,3-Dichlorobenzene	1,3-Dichloropropane	1,4-Dichlorobenzene	2,2-Dichloropropane	2-Butanone	2-Chloroethylvinyl ether	2-Chlorotoluene	4-Chlorotoluene	4-Isopropyl Toluene	Benzene	Bromobenzene	Bromochloromethane	Bromodichloromethane
QB-SB/TP26	15	11/19/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP26	20	11/19/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP26	25	11/19/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP27	5	11/17/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP27	10	11/19/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP27	15	11/19/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP27	20	11/19/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP27	25	11/19/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP34	5	11/21/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP34	7.5	11/21/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP34	10	11/24/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP34	15	11/24/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP34	20	11/24/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP35	1	11/21/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP35	5	11/21/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP35	10	11/24/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP35	15	11/24/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP35	20	11/24/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP35	25	11/24/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP36	2	11/21/2008	<0.0050	0.0047J	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP36	5	11/21/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP36	10	11/24/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP36	15	11/24/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP36	20	11/24/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP36	25	11/24/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP37	2.5	11/21/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP37	5	11/21/2008	<0.025	1.9	<0.025	<0.025	<0.025	<0.025	<0.50	<0.025	0.46	<0.025	0.97	**0.28**	<0.025	<0.025	<0.025
QB-SB/TP37	10	11/24/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP37	15	11/24/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP37	20	11/24/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP37	25	11/24/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050

Table 2
Soil Analytical Results - Volatile Organic Compounds
Former Orcutt Refinery
1550 West Stowell Road

Sample Location	Depth	Date	Bromoform	Bromomethane	Carbon tetrachloride	Chlorobenzene	Chloroethane	Chloroform	Chloromethane	cis-1,2-Dichloroethene	cis-1,3-Dichloropropene	Dibromochloromethane	Dibromomethane	Dichlorodifluoromethane	Dichlorotrifluoroethane	Diisopropyl Ether	Ethyl t-Butyl Ether
QB-SB/TP26	15	11/19/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB/TP26	20	11/19/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB/TP26	25	11/19/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB/TP27	5	11/17/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB/TP27	10	11/19/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB/TP27	15	11/19/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB/TP27	20	11/19/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB/TP27	25	11/19/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB/TP34	5	11/21/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB/TP34	7.5	11/21/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB/TP34	10	11/24/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB/TP34	15	11/24/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB/TP34	20	11/24/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB/TP35	1	11/21/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB/TP35	5	11/21/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB/TP35	10	11/24/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB/TP35	15	11/24/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB/TP35	20	11/24/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB/TP35	25	11/24/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB/TP36	2	11/21/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB/TP36	5	11/21/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB/TP36	10	11/24/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB/TP36	15	11/24/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB/TP36	20	11/24/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB/TP36	25	11/24/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB/TP37	2.5	11/21/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB/TP37	5	11/21/2008	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	-	<0.025	<0.025
QB-SB/TP37	10	11/24/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB/TP37	15	11/24/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB/TP37	20	11/24/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB/TP37	25	11/24/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050

Table 2
Soil Analytical Results - Volatile Organic Compounds
Former Orcutt Refinery
1550 West Stowell Road

Sample Location	Depth	Date	Ethylbenzene	Hexachlorobutadiene	Isopropylbenzene	Methylene Chloride	Methyl-t-butyl ether	Naphthalene	n-Butylbenzene	n-Propylbenzene	sec-Butylbenzene	Styrene	t-Amyl Methyl Ether	t-Butyl alcohol	tert-Butylbenzene	Tetrachloroethene (PCE)	Toluene
QB-SB/TP26	15	11/19/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.025	<0.0050	<0.0050	<0.0050
QB-SB/TP26	20	11/19/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.025	<0.0050	<0.0050	<0.0050
QB-SB/TP26	25	11/19/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.025	<0.0050	<0.0050	<0.0050
QB-SB/TP27	5	11/17/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.025	<0.0050	<0.0050	<0.0050
QB-SB/TP27	10	11/19/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.025	<0.0050	<0.0050	<0.0050
QB-SB/TP27	15	11/19/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.025	<0.0050	<0.0050	<0.0050
QB-SB/TP27	20	11/19/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.025	<0.0050	<0.0050	<0.0050
QB-SB/TP27	25	11/19/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.025	<0.0050	<0.0050	<0.0050
QB-SB/TP34	5	11/21/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.025	<0.0050	<0.0050	<0.0050
QB-SB/TP34	7.5	11/21/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.025	<0.0050	<0.0050	<0.0050
QB-SB/TP34	10	11/24/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.025	<0.0050	<0.0050	<0.0050
QB-SB/TP34	15	11/24/2008	<0.0050	<0.0050	<0.0050	0.016O-01	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.025	<0.0050	<0.0050	<0.0050
QB-SB/TP34	20	11/24/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.025	<0.0050	<0.0050	<0.0050
QB-SB/TP35	1	11/21/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.025	<0.0050	<0.0050	<0.0050
QB-SB/TP35	5	11/21/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.025	<0.0050	<0.0050	<0.0050
QB-SB/TP35	10	11/24/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.025	<0.0050	<0.0050	<0.0050
QB-SB/TP35	15	11/24/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.025	<0.0050	<0.0050	<0.0050
QB-SB/TP35	20	11/24/2008	<0.0050	<0.0050	<0.0050	0024O-01	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.025	<0.0050	<0.0050	<0.0050
QB-SB/TP35	25	11/24/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.025	<0.0050	<0.0050	<0.0050
QB-SB/TP36	2	11/21/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	0.0035J	0.0023J	<0.0050	<0.0050	<0.025	<0.0050	<0.0050	<0.0050
QB-SB/TP36	5	11/21/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.025	<0.0050	<0.0050	<0.0050
QB-SB/TP36	10	11/24/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.025	<0.0050	<0.0050	<0.0050
QB-SB/TP36	15	11/24/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.025	<0.0050	<0.0050	<0.0050
QB-SB/TP36	20	11/24/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.025	<0.0050	<0.0050	<0.0050
QB-SB/TP36	25	11/24/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.025	<0.0050	<0.0050	<0.0050
QB-SB/TP37	2.5	11/21/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.025	<0.0050	<0.0050	<0.0050
QB-SB/TP37	5	11/21/2008	1.6	<0.025	0.48	<0.025	<0.025	**2.4**	1	1.6	0.81	<0.025	<0.025	<0.12	<0.025	<0.025	0.35
QB-SB/TP37	10	11/24/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.025	<0.0050	<0.0050	<0.0050
QB-SB/TP37	15	11/24/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.025	<0.0050	<0.0050	<0.0050
QB-SB/TP37	20	11/24/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.025	<0.0050	<0.0050	<0.0050
QB-SB/TP37	25	11/24/2008	<0.0050	<0.0050	<0.0050	0.0085	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.025	<0.0050	<0.0050	<0.0050

Table 2
Soil Analytical Results - Volatile Organic Compounds
Former Orcutt Refinery
1550 West Stowell Road

Sample Location	Depth	Date	trans-1,2-Dichloroethene	trans-1,3-Dichloropropene	Trichloroethene (TCE)	Trichlorofluoromethane	Trichlorotrifluoroethane	Vinyl Chloride	Xylenes (total)
QB-SB/TP26	15	11/19/2008	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB/TP26	20	11/19/2008	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB/TP26	25	11/19/2008	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB/TP27	5	11/17/2008	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB/TP27	10	11/19/2008	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB/TP27	15	11/19/2008	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB/TP27	20	11/19/2008	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB/TP27	25	11/19/2008	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB/TP34	5	11/21/2008	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB/TP34	7.5	11/21/2008	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB/TP34	10	11/24/2008	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB/TP34	15	11/24/2008	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB/TP34	20	11/24/2008	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB/TP35	1	11/21/2008	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB/TP35	5	11/21/2008	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB/TP35	10	11/24/2008	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB/TP35	15	11/24/2008	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB/TP35	20	11/24/2008	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB/TP35	25	11/24/2008	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB/TP36	2	11/21/2008	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB/TP36	5	11/21/2008	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB/TP36	10	11/24/2008	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB/TP36	15	11/24/2008	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB/TP36	20	11/24/2008	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB/TP36	25	11/24/2008	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB/TP37	2.5	11/21/2008	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB/TP37	5	11/21/2008	<0.025	<0.025	<0.025	<0.025	-	<0.025	5.2
QB-SB/TP37	10	11/24/2008	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB/TP37	15	11/24/2008	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB/TP37	20	11/24/2008	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB/TP37	25	11/24/2008	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050

Table 2
Soil Analytical Results - Volatile Organic Compounds
Former Orcutt Refinery
1550 West Stowell Road

Sample Location	Depth	Date	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	1,2-Dibromoethane (EDB)	1,2-Dichlorobenzene	1,2-Dichloroethane
QB-SB/TP38	5	11/21/2008	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	0.0058J	<0.025	<0.025	<0.025	<0.025
QB-SB/TP38	6	11/21/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP38	10	11/24/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP38	15	11/24/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP38	20	11/24/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP38	25	11/24/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP39	0.5	11/21/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP39	5	11/21/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP39	10	11/24/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP39	15	11/24/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP40	1	11/21/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	0.0061	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP40	5	11/21/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP40	10	11/21/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP40	15	11/21/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP40	20	11/21/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP40	25	11/21/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP41	1.5	11/21/2008	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	0.081	<0.025	<0.025	<0.025	<0.025
QB-SB/TP41	5	11/21/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP41	10	11/25/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP41	15	11/25/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP41	20	11/25/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP41	25	11/25/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP42	1.5	11/20/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP42	5	11/20/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP42	10	11/20/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP42	15	11/20/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP42	20	11/20/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP42	25	11/20/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP43	2	11/20/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP43	5	11/20/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP43	10	11/21/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050

Table 2
Soil Analytical Results - Volatile Organic Compounds
Former Orcutt Refinery
1550 West Stowell Road

Sample Location	Depth	Date	1,2-Dichloropropane	1,3,5-Trimethylbenzene	1,3-Dichlorobenzene	1,3-Dichloropropane	1,4-Dichlorobenzene	2,2-Dichloropropane	2-Butanone	2-Chloroethylvinyl ether	2-Chlorotoluene	4-Chlorotoluene	4-Isopropyl Toluene	Benzene	Bromobenzene	Bromochloromethane	Bromodichloromethane
QB-SB/TP38	5	11/21/2008	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.50	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025
QB-SB/TP38	6	11/21/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP38	10	11/24/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP38	15	11/24/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP38	20	11/24/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP38	25	11/24/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP39	0.5	11/21/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP39	5	11/21/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP39	10	11/24/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP39	15	11/24/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP40	1	11/21/2008	<0.0050	0.0035J	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	<0.0050	<0.0050	<0.0050	0.0054	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP40	5	11/21/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP40	10	11/21/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP40	15	11/21/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP40	20	11/21/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP40	25	11/21/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP41	1.5	11/21/2008	<0.025	0.037	<0.025	<0.025	<0.025	<0.025	<0.50	<0.025	<0.025	<0.025	0.014J	<0.025	<0.025	<0.025	<0.025
QB-SB/TP41	5	11/21/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP41	10	11/25/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP41	15	11/25/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP41	20	11/25/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP41	25	11/25/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP42	1.5	11/20/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP42	5	11/20/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP42	10	11/20/2008	<0.0050	<0.0050	<0.0050	<0.0050	0.1	<0.0050	<0.10	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP42	15	11/20/2008	<0.0050	<0.0050	<0.0050	<0.0050	0.1	<0.0050	<0.10	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP42	20	11/20/2008	<0.0050	<0.0050	<0.0050	<0.0050	0.1	<0.0050	<0.10	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP42	25	11/20/2008	<0.0050	<0.0050	<0.0050	<0.0050	0.1	<0.0050	<0.10	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP43	2	11/20/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP43	5	11/20/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP43	10	11/21/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050

Table 2
Soil Analytical Results - Volatile Organic Compounds
Former Orcutt Refinery
1550 West Stowell Road

Sample Location	Depth	Date	Bromoform	Bromomethane	Carbon tetrachloride	Chlorobenzene	Chloroethane	Chloroform	Chloromethane	cis-1,2-Dichloroethene	cis-1,3-Dichloropropene	Dibromochloromethane	Dibromomethane	Dichlorodifluoromethane	Dichlorotrifluoroethane	Diisopropyl Ether	Ethyl t-Butyl Ether
QB-SB/TP38	5	11/21/2008	<0.025	<0.025	0.055	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	-	<0.025	<0.025
QB-SB/TP38	6	11/21/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB/TP38	10	11/24/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB/TP38	15	11/24/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB/TP38	20	11/24/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB/TP38	25	11/24/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB/TP39	0.5	11/21/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB/TP39	5	11/21/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB/TP39	10	11/24/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB/TP39	15	11/24/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	0.042O-01	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB/TP40	1	11/21/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB/TP40	5	11/21/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB/TP40	10	11/21/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB/TP40	15	11/21/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB/TP40	20	11/21/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB/TP40	25	11/21/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB/TP41	1.5	11/21/2008	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	-	<0.025	<0.025
QB-SB/TP41	5	11/21/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB/TP41	10	11/25/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB/TP41	15	11/25/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB/TP41	20	11/25/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB/TP41	25	11/25/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB/TP42	1.5	11/20/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB/TP42	5	11/20/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB/TP42	10	11/20/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB/TP42	15	11/20/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB/TP42	20	11/20/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB/TP42	25	11/20/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB/TP43	2	11/20/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB/TP43	5	11/20/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB/TP43	10	11/21/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050

Table 2
Soil Analytical Results - Volatile Organic Compounds
Former Orcutt Refinery
1550 West Stowell Road

Sample Location	Depth	Date	Ethylbenzene	Hexachlorobutadiene	Isopropylbenzene	Methylene Chloride	Methyl-t-butyl ether	Naphthalene	n-Butylbenzene	n-Propylbenzene	sec-Butylbenzene	Styrene	t-Amyl Methyl Ether	t-Butyl alcohol	tert-Butylbenzene	Tetrachloroethene (PCE)	Toluene
QB-SB/TP38	5	11/21/2008	<0.025	<0.025	<0.025	<0.025	<0.025	0.066	<0.025	<0.025	0.020J	<0.025	<0.025	<0.12	<0.025	<0.025	0.0052J
QB-SB/TP38	6	11/21/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.025	<0.0050	<0.0050	<0.0050
QB-SB/TP38	10	11/24/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.025	<0.0050	<0.0050	<0.0050
QB-SB/TP38	15	11/24/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.025	<0.0050	<0.0050	<0.0050
QB-SB/TP38	20	11/24/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.025	<0.0050	<0.0050	<0.0050
QB-SB/TP38	25	11/24/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.025	<0.0050	<0.0050	<0.0050
QB-SB/TP39	0.5	11/21/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.025	<0.0050	<0.0050	<0.0050
QB-SB/TP39	5	11/21/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.025	<0.0050	<0.0050	<0.0050
QB-SB/TP39	10	11/24/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.025	<0.0050	<0.0050	<0.0050
QB-SB/TP39	15	11/24/2008	<0.0050	<0.0050	<0.0050	0.042	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.025	<0.0050	<0.0050	<0.0050
QB-SB/TP40	1	11/21/2008	<0.0050	<0.0050	0.0037J	<0.0050	<0.0050	<0.0050	0.0079	0.0066	0.0057	<0.0050	<0.0050	<0.025	<0.0050	<0.0050	<0.0050
QB-SB/TP40	5	11/21/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.025	<0.0050	<0.0050	<0.0050
QB-SB/TP40	10	11/21/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.025	<0.0050	<0.0050	<0.0050
QB-SB/TP40	15	11/21/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.025	<0.0050	<0.0050	<0.0050
QB-SB/TP40	20	11/21/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.025	<0.0050	<0.0050	<0.0050
QB-SB/TP40	25	11/21/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.025	<0.0050	<0.0050	<0.0050
QB-SB/TP41	1.5	11/21/2008	0.03	<0.025	0.021J	<0.025	<0.025	0.14	0.027	0.029	0.019J	<0.025	<0.025	<0.12	<0.025	<0.025	0.011J
QB-SB/TP41	5	11/21/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.025	<0.0050	<0.0050	<0.0050
QB-SB/TP41	10	11/25/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.025	<0.0050	<0.0050	<0.0050
QB-SB/TP41	15	11/25/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.025	<0.0050	<0.0050	<0.0050
QB-SB/TP41	20	11/25/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.025	<0.0050	<0.0050	<0.0050
QB-SB/TP41	25	11/25/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.025	<0.0050	<0.0050	<0.0050
QB-SB/TP42	1.5	11/20/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.025	<0.0050	<0.0050	<0.0050
QB-SB/TP42	5	11/20/2008	<0.0050	<0.0050	<0.0050	0.0041J	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.025	<0.0050	<0.0050	<0.0050
QB-SB/TP42	10	11/20/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.025	<0.0050	<0.0050	<0.0050
QB-SB/TP42	15	11/20/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.025	<0.0050	<0.0050	<0.0050
QB-SB/TP42	20	11/20/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.025	<0.0050	<0.0050	<0.0050
QB-SB/TP42	25	11/20/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.025	<0.0050	<0.0050	<0.0050
QB-SB/TP43	2	11/20/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.025	<0.0050	<0.0050	<0.0050
QB-SB/TP43	5	11/20/2008	<0.0050	<0.0050	<0.0050	0.0078	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.025	<0.0050	<0.0050	<0.0050
QB-SB/TP43	10	11/21/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.025	<0.0050	<0.0050	<0.0050

Table 2
Soil Analytical Results - Volatile Organic Compounds
Former Orcutt Refinery
1550 West Stowell Road

Sample Location	Depth	Date	trans-1,2-Dichloroethene	trans-1,3-Dichloropropene	Trichloroethene (TCE)	Trichlorofluoromethane	Trichlorotrifluoroethane	Vinyl Chloride	Xylenes (total)
QB-SB/TP38	5	11/21/2008	<0.025	<0.025	<0.025	<0.025	-	<0.025	<0.025
QB-SB/TP38	6	11/21/2008	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB/TP38	10	11/24/2008	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB/TP38	15	11/24/2008	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB/TP38	20	11/24/2008	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB/TP38	25	11/24/2008	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB/TP39	0.5	11/21/2008	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB/TP39	5	11/21/2008	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB/TP39	10	11/24/2008	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB/TP39	15	11/24/2008	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB/TP40	1	11/21/2008	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB/TP40	5	11/21/2008	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB/TP40	10	11/21/2008	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB/TP40	15	11/21/2008	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB/TP40	20	11/21/2008	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB/TP40	25	11/21/2008	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB/TP41	1.5	11/21/2008	<0.025	<0.025	<0.025	<0.025	-	<0.025	0.054
QB-SB/TP41	5	11/21/2008	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB/TP41	10	11/25/2008	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB/TP41	15	11/25/2008	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB/TP41	20	11/25/2008	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB/TP41	25	11/25/2008	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB/TP42	1.5	11/20/2008	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB/TP42	5	11/20/2008	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB/TP42	10	11/20/2008	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB/TP42	15	11/20/2008	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB/TP42	20	11/20/2008	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB/TP42	25	11/20/2008	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB/TP43	2	11/20/2008	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB/TP43	5	11/20/2008	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB/TP43	10	11/21/2008	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050

Table 2
Soil Analytical Results - Volatile Organic Compounds
Former Orcutt Refinery
1550 West Stowell Road

Sample Location	Depth	Date	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	1,2-Dibromoethane (EDB)	1,2-Dichlorobenzene	1,2-Dichloroethane
QB-SB/TP43	15	11/21/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP43	20	11/21/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP43	25	11/21/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP44	5	11/20/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP44	7.5	11/20/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP44	10	11/21/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP44	15	11/21/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP44	20	11/21/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP44	25	11/21/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP45	1.5	11/20/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP45	5	11/20/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP45	10	11/21/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP45	15	11/21/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP45	20	11/21/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP45	25	11/21/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP46	1.5	11/20/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP46	5	11/20/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP46	10	11/21/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP46	15	11/21/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP46	20	11/21/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP46	25	11/21/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP47	2	11/24/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP47	4.5	11/24/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP47	10	11/25/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP47	15	11/25/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP47	20	11/25/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP48	2	11/24/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP48	5	11/24/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP48	10	12/2/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP48	15	12/2/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP48	20	12/2/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050

Table 2
Soil Analytical Results - Volatile Organic Compounds
Former Orcutt Refinery
1550 West Stowell Road

Sample Location	Depth	Date	1,2-Dichloropropane	1,3,5-Trimethylbenzene	1,3-Dichlorobenzene	1,3-Dichloropropane	1,4-Dichlorobenzene	2,2-Dichloropropane	2-Butanone	2-Chloroethylvinyl ether	2-Chlorotoluene	4-Chlorotoluene	4-Isopropyl Toluene	Benzene	Bromobenzene	Bromochloromethane	Bromodichloromethane
QB-SB/TP43	15	11/21/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP43	20	11/21/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP43	25	11/21/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP44	5	11/20/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP44	7.5	11/20/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP44	10	11/21/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP44	15	11/21/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP44	20	11/21/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP44	25	11/21/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP45	1.5	11/20/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP45	5	11/20/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP45	10	11/21/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP45	15	11/21/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP45	20	11/21/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP45	25	11/21/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP46	1.5	11/20/2008	<0.0050	<0.0050	<0.0050	<0.0050	0.1	<0.0050	<0.10	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP46	5	11/20/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP46	10	11/21/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP46	15	11/21/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP46	20	11/21/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP46	25	11/21/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP47	2	11/24/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP47	4.5	11/24/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP47	10	11/25/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP47	15	11/25/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP47	20	11/25/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP48	2	11/24/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP48	5	11/24/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP48	10	12/2/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP48	15	12/2/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP48	20	12/2/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050

Table 2
Soil Analytical Results - Volatile Organic Compounds
Former Orcutt Refinery
1550 West Stowell Road

Sample Location	Depth	Date	Bromoform	Bromomethane	Carbon tetrachloride	Chlorobenzene	Chloroethane	Chloroform	Chloromethane	cis-1,2-Dichloroethene	cis-1,3-Dichloropropene	Dibromochloromethane	Dibromomethane	Dichlorodifluoromethane	Dichlorotrifluoroethane	Diisopropyl Ether	Ethyl t-Butyl Ether
QB-SB/TP43	15	11/21/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB/TP43	20	11/21/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB/TP43	25	11/21/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB/TP44	5	11/20/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB/TP44	7.5	11/20/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB/TP44	10	11/21/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB/TP44	15	11/21/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB/TP44	20	11/21/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB/TP44	25	11/21/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB/TP45	1.5	11/20/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB/TP45	5	11/20/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB/TP45	10	11/21/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB/TP45	15	11/21/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB/TP45	20	11/21/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB/TP45	25	11/21/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB/TP46	1.5	11/20/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB/TP46	5	11/20/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB/TP46	10	11/21/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB/TP46	15	11/21/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB/TP46	20	11/21/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB/TP46	25	11/21/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB/TP47	2	11/24/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB/TP47	4.5	11/24/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB/TP47	10	11/25/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB/TP47	15	11/25/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB/TP47	20	11/25/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB/TP48	2	11/24/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB/TP48	5	11/24/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB/TP48	10	12/2/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB/TP48	15	12/2/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB/TP48	20	12/2/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050

Table 2
Soil Analytical Results - Volatile Organic Compounds
Former Orcutt Refinery
1550 West Stowell Road

Sample Location	Depth	Date	Ethylbenzene	Hexachlorobutadiene	Isopropylbenzene	Methylene Chloride	Methyl-t-butyl ether	Naphthalene	n-Butylbenzene	n-Propylbenzene	sec-Butylbenzene	Styrene	t-Amyl Methyl Ether	t-Butyl alcohol	tert-Butylbenzene	Tetrachloroethene (PCE)	Toluene
QB-SB/TP43	15	11/21/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.025	<0.0050	<0.0050	<0.0050
QB-SB/TP43	20	11/21/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.025	<0.0050	<0.0050	<0.0050
QB-SB/TP43	25	11/21/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.025	<0.0050	<0.0050	<0.0050
QB-SB/TP44	5	11/20/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.025	<0.0050	<0.0050	<0.0050
QB-SB/TP44	7.5	11/20/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.025	<0.0050	<0.0050	<0.0050
QB-SB/TP44	10	11/21/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.025	<0.0050	<0.0050	<0.0050
QB-SB/TP44	15	11/21/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.025	<0.0050	<0.0050	<0.0050
QB-SB/TP44	20	11/21/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.025	<0.0050	<0.0050	<0.0050
QB-SB/TP44	25	11/21/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.025	<0.0050	<0.0050	<0.0050
QB-SB/TP45	1.5	11/20/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.025	<0.0050	<0.0050	<0.0050
QB-SB/TP45	5	11/20/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.025	<0.0050	<0.0050	<0.0050
QB-SB/TP45	10	11/21/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.025	<0.0050	<0.0050	<0.0050
QB-SB/TP45	15	11/21/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.025	<0.0050	<0.0050	<0.0050
QB-SB/TP45	20	11/21/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.025	<0.0050	<0.0050	<0.0050
QB-SB/TP45	25	11/21/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.025	<0.0050	<0.0050	<0.0050
QB-SB/TP46	1.5	11/20/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.025	<0.0050	<0.0050	<0.0050
QB-SB/TP46	5	11/20/2008	<0.0050	<0.0050	<0.0050	0.0046J	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.025	<0.0050	<0.0050	<0.0050
QB-SB/TP46	10	11/21/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.025	<0.0050	<0.0050	<0.0050
QB-SB/TP46	15	11/21/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.025	<0.0050	<0.0050	<0.0050
QB-SB/TP46	20	11/21/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.025	<0.0050	<0.0050	<0.0050
QB-SB/TP46	25	11/21/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.025	<0.0050	<0.0050	<0.0050
QB-SB/TP47	2	11/24/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	0.0036J	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.025	<0.0050	<0.0050	<0.0050
QB-SB/TP47	4.5	11/24/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.025	<0.0050	<0.0050	<0.0050
QB-SB/TP47	10	11/25/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.025	<0.0050	<0.0050	<0.0050
QB-SB/TP47	15	11/25/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.025	<0.0050	<0.0050	<0.0050
QB-SB/TP47	20	11/25/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.025	<0.0050	<0.0050	<0.0050
QB-SB/TP48	2	11/24/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.025	<0.0050	<0.0050	<0.0050
QB-SB/TP48	5	11/24/2008	<0.0050	<0.0050	<0.0050	0.14	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.025	<0.0050	<0.0050	<0.0050
QB-SB/TP48	10	12/2/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.025	<0.0050	<0.0050	<0.0050
QB-SB/TP48	15	12/2/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.025	<0.0050	<0.0050	<0.0050
QB-SB/TP48	20	12/2/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.025	<0.0050	<0.0050	<0.0050

Table 2
Soil Analytical Results - Volatile Organic Compounds
Former Orcutt Refinery
1550 West Stowell Road

Sample Location	Depth	Date	trans-1,2-Dichloroethene	trans-1,3-Dichloropropene	Trichloroethene (TCE)	Trichlorofluoromethane	Trichlorotrifluoroethane	Vinyl Chloride	Xylenes (total)
QB-SB/TP43	15	11/21/2008	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB/TP43	20	11/21/2008	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB/TP43	25	11/21/2008	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB/TP44	5	11/20/2008	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB/TP44	7.5	11/20/2008	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB/TP44	10	11/21/2008	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB/TP44	15	11/21/2008	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB/TP44	20	11/21/2008	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB/TP44	25	11/21/2008	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB/TP45	1.5	11/20/2008	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB/TP45	5	11/20/2008	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB/TP45	10	11/21/2008	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB/TP45	15	11/21/2008	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB/TP45	20	11/21/2008	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB/TP45	25	11/21/2008	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB/TP46	1.5	11/20/2008	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB/TP46	5	11/20/2008	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB/TP46	10	11/21/2008	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB/TP46	15	11/21/2008	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB/TP46	20	11/21/2008	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB/TP46	25	11/21/2008	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB/TP47	2	11/24/2008	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB/TP47	4.5	11/24/2008	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB/TP47	10	11/25/2008	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB/TP47	15	11/25/2008	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB/TP47	20	11/25/2008	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB/TP48	2	11/24/2008	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB/TP48	5	11/24/2008	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB/TP48	10	12/2/2008	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB/TP48	15	12/2/2008	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB/TP48	20	12/2/2008	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050

Table 2
Soil Analytical Results - Volatile Organic Compounds
Former Orcutt Refinery
1550 West Stowell Road

Sample Location	Depth	Date	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	1,2-Dibromoethane (EDB)	1,2-Dichlorobenzene	1,2-Dichloroethane
QB-SB/TP49	5	11/24/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP49	10	11/25/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP49	15	11/25/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP49	20	11/25/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP50	5	11/24/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP50	10	12/2/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP50	15	12/2/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP50	20	12/2/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP51	5	11/24/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP51	10	11/25/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP51	15	11/25/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP51	20	11/25/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP52	2	11/24/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP52	5	11/24/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP52	10	12/2/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP52	15	12/2/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP52	20	12/2/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP52	25	12/2/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP53	2	11/25/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP53	5	11/25/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP53	7.5	12/2/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP53	10	12/2/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP53	15	12/2/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP53	20	12/2/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP53	25	12/2/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP53	30	12/2/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP53	35	12/2/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP54	1	11/25/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP54	5	11/25/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP54	8.5	12/1/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP54	10	12/1/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050

Table 2
Soil Analytical Results - Volatile Organic Compounds
Former Orcutt Refinery
1550 West Stowell Road

Sample Location	Depth	Date	1,2-Dichloropropane	1,3,5-Trimethylbenzene	1,3-Dichlorobenzene	1,3-Dichloropropane	1,4-Dichlorobenzene	2,2-Dichloropropane	2-Butanone	2-Chloroethylvinyl ether	2-Chlorotoluene	4-Chlorotoluene	4-Isopropyl Toluene	Benzene	Bromobenzene	Bromochloromethane	Bromodichloromethane
QB-SB/TP49	5	11/24/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP49	10	11/25/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP49	15	11/25/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP49	20	11/25/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP50	5	11/24/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP50	10	12/2/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP50	15	12/2/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP50	20	12/2/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP51	5	11/24/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP51	10	11/25/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP51	15	11/25/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP51	20	11/25/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP52	2	11/24/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP52	5	11/24/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP52	10	12/2/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP52	15	12/2/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP52	20	12/2/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP52	25	12/2/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP53	2	11/25/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP53	5	11/25/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP53	7.5	12/2/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP53	10	12/2/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP53	15	12/2/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP53	20	12/2/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP53	25	12/2/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP53	30	12/2/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP53	35	12/2/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP54	1	11/25/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP54	5	11/25/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP54	8.5	12/1/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP54	10	12/1/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050

Table 2
Soil Analytical Results - Volatile Organic Compounds
Former Orcutt Refinery
1550 West Stowell Road

Sample Location	Depth	Date	Bromoform	Bromomethane	Carbon tetrachloride	Chlorobenzene	Chloroethane	Chloroform	Chloromethane	cis-1,2-Dichloroethene	cis-1,3-Dichloropropene	Dibromochloromethane	Dibromomethane	Dichlorodifluoromethane	Dichlorotrifluoroethane	Diisopropyl Ether	Ethyl t-Butyl Ether
QB-SB/TP49	5	11/24/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB/TP49	10	11/25/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB/TP49	15	11/25/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB/TP49	20	11/25/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB/TP50	5	11/24/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB/TP50	10	12/2/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB/TP50	15	12/2/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB/TP50	20	12/2/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB/TP51	5	11/24/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB/TP51	10	11/25/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB/TP51	15	11/25/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB/TP51	20	11/25/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB/TP52	2	11/24/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB/TP52	5	11/24/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB/TP52	10	12/2/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB/TP52	15	12/2/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB/TP52	20	12/2/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB/TP52	25	12/2/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB/TP53	2	11/25/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB/TP53	5	11/25/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB/TP53	7.5	12/2/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB/TP53	10	12/2/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB/TP53	15	12/2/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB/TP53	20	12/2/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB/TP53	25	12/2/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB/TP53	30	12/2/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB/TP53	35	12/2/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB/TP54	1	11/25/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB/TP54	5	11/25/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB/TP54	8.5	12/1/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB/TP54	10	12/1/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050

Table 2
Soil Analytical Results - Volatile Organic Compounds
Former Orcutt Refinery
1550 West Stowell Road

Sample Location	Depth	Date	Ethylbenzene	Hexachlorobutadiene	Isopropylbenzene	Methylene Chloride	Methyl-t-butyl ether	Naphthalene	n-Butylbenzene	n-Propylbenzene	sec-Butylbenzene	Styrene	t-Amyl Methyl Ether	t-Butyl alcohol	tert-Butylbenzene	Tetrachloroethene (PCE)	Toluene
QB-SB/TP49	5	11/24/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.025	<0.0050	<0.0050	<0.0050
QB-SB/TP49	10	11/25/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.025	<0.0050	<0.0050	<0.0050
QB-SB/TP49	15	11/25/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.025	<0.0050	<0.0050	<0.0050
QB-SB/TP49	20	11/25/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.025	<0.0050	<0.0050	<0.0050
QB-SB/TP50	5	11/24/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.025	<0.0050	<0.0050	<0.0050
QB-SB/TP50	10	12/2/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.025	<0.0050	<0.0050	<0.0050
QB-SB/TP50	15	12/2/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.025	<0.0050	<0.0050	<0.0050
QB-SB/TP50	20	12/2/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.025	<0.0050	<0.0050	<0.0050
QB-SB/TP51	5	11/24/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.025	<0.0050	<0.0050	<0.0050
QB-SB/TP51	10	11/25/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.025	<0.0050	<0.0050	<0.0050
QB-SB/TP51	15	11/25/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.025	<0.0050	<0.0050	<0.0050
QB-SB/TP51	20	11/25/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.025	<0.0050	<0.0050	<0.0050
QB-SB/TP52	2	11/24/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.025	<0.0050	<0.0050	<0.0050
QB-SB/TP52	5	11/24/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.025	<0.0050	<0.0050	<0.0050
QB-SB/TP52	10	12/2/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.025	<0.0050	<0.0050	<0.0050
QB-SB/TP52	15	12/2/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.025	<0.0050	<0.0050	<0.0050
QB-SB/TP52	20	12/2/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.025	<0.0050	<0.0050	<0.0050
QB-SB/TP52	25	12/2/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.025	<0.0050	<0.0050	<0.0050
QB-SB/TP53	2	11/25/2008	<0.0050	<0.0050	<0.0050	0.0035J	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.025	<0.0050	<0.0050	<0.0050
QB-SB/TP53	5	11/25/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.025	<0.0050	<0.0050	<0.0050
QB-SB/TP53	7.5	12/2/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.025	<0.0050	<0.0050	0.00056J
QB-SB/TP53	10	12/2/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.025	<0.0050	<0.0050	<0.0050
QB-SB/TP53	15	12/2/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.025	<0.0050	<0.0050	<0.0050
QB-SB/TP53	20	12/2/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.025	<0.0050	<0.0050	<0.0050
QB-SB/TP53	25	12/2/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.025	<0.0050	<0.0050	<0.0050
QB-SB/TP53	30	12/2/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.025	<0.0050	<0.0050	<0.0050
QB-SB/TP53	35	12/2/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.025	<0.0050	<0.0050	<0.0050
QB-SB/TP54	1	11/25/2008	<0.0050	<0.0050	<0.0050	0.0028J	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.025	<0.0050	<0.0050	<0.0050
QB-SB/TP54	5	11/25/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.025	<0.0050	<0.0050	<0.0050
QB-SB/TP54	8.5	12/1/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.025	<0.0050	<0.0050	<0.0050
QB-SB/TP54	10	12/1/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.025	<0.0050	<0.0050	<0.0050

Table 2
Soil Analytical Results - Volatile Organic Compounds
Former Orcutt Refinery
1550 West Stowell Road

Sample Location	Depth	Date	trans-1,2-Dichloroethene	trans-1,3-Dichloropropene	Trichloroethene (TCE)	Trichlorofluoromethane	Trichlorotrifluoroethane	Vinyl Chloride	Xylenes (total)
QB-SB/TP49	5	11/24/2008	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB/TP49	10	11/25/2008	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB/TP49	15	11/25/2008	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB/TP49	20	11/25/2008	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB/TP50	5	11/24/2008	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB/TP50	10	12/2/2008	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB/TP50	15	12/2/2008	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB/TP50	20	12/2/2008	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB/TP51	5	11/24/2008	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB/TP51	10	11/25/2008	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB/TP51	15	11/25/2008	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB/TP51	20	11/25/2008	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB/TP52	2	11/24/2008	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB/TP52	5	11/24/2008	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB/TP52	10	12/2/2008	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB/TP52	15	12/2/2008	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB/TP52	20	12/2/2008	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB/TP52	25	12/2/2008	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB/TP53	2	11/25/2008	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB/TP53	5	11/25/2008	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB/TP53	7.5	12/2/2008	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB/TP53	10	12/2/2008	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB/TP53	15	12/2/2008	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB/TP53	20	12/2/2008	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB/TP53	25	12/2/2008	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB/TP53	30	12/2/2008	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB/TP53	35	12/2/2008	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB/TP54	1	11/25/2008	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB/TP54	5	11/25/2008	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB/TP54	8.5	12/1/2008	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB/TP54	10	12/1/2008	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050

Table 2
Soil Analytical Results - Volatile Organic Compounds
Former Orcutt Refinery
1550 West Stowell Road

Sample Location	Depth	Date	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	1,2-Dibromoethane (EDB)	1,2-Dichlorobenzene	1,2-Dichloroethane
QB-SB/TP54	15	12/1/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP54	20	12/1/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP54	25	12/1/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP54	30	12/1/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP55	1.5	11/24/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP55	5	11/24/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP55	10	12/1/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP55	15	12/1/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP55	20	12/1/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP55	25	12/1/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP56	1	11/25/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP56	5	11/25/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP56	10	12/1/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP56	15	12/1/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP56	20	12/1/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP56	25	12/1/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP57	1	11/25/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP57	5	11/25/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP57	10	12/2/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP57	15	12/2/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP57	20	12/2/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP57	25	12/2/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP58	5	11/24/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP58	10	12/1/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP58	15	12/1/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP58	20	12/1/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP59	0.5	11/24/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	0.0022J	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP59	5	11/24/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP59	10	12/1/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP59	15	12/1/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP59	20	12/1/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050

Table 2
Soil Analytical Results - Volatile Organic Compounds
Former Orcutt Refinery
1550 West Stowell Road

Sample Location	Depth	Date	1,2-Dichloropropane	1,3,5-Trimethylbenzene	1,3-Dichlorobenzene	1,3-Dichloropropane	1,4-Dichlorobenzene	2,2-Dichloropropane	2-Butanone	2-Chloroethylvinyl ether	2-Chlorotoluene	4-Chlorotoluene	4-Isopropyl Toluene	Benzene	Bromobenzene	Bromochloromethane	Bromodichloromethane
QB-SB/TP54	15	12/1/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP54	20	12/1/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP54	25	12/1/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP54	30	12/1/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP55	1.5	11/24/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP55	5	11/24/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP55	10	12/1/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP55	15	12/1/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP55	20	12/1/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP55	25	12/1/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP56	1	11/25/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP56	5	11/25/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP56	10	12/1/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP56	15	12/1/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP56	20	12/1/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP56	25	12/1/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP57	1	11/25/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP57	5	11/25/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP57	10	12/2/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP57	15	12/2/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	<0.0050	<0.0050	<0.0050	<0.0050	0.0011J	<0.0050	<0.0050	<0.0050
QB-SB/TP57	20	12/2/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	<0.0050	<0.0050	<0.0050	<0.0050	0.0012J	<0.0050	<0.0050	<0.0050
QB-SB/TP57	25	12/2/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	<0.0050	<0.0050	<0.0050	<0.0050	0.0011J	<0.0050	<0.0050	<0.0050
QB-SB/TP58	5	11/24/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP58	10	12/1/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP58	15	12/1/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP58	20	12/1/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP59	0.5	11/24/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP59	5	11/24/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP59	10	12/1/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP59	15	12/1/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP59	20	12/1/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050

Table 2
Soil Analytical Results - Volatile Organic Compounds
Former Orcutt Refinery
1550 West Stowell Road

Sample Location	Depth	Date	Bromoform	Bromomethane	Carbon tetrachloride	Chlorobenzene	Chloroethane	Chloroform	Chloromethane	cis-1,2-Dichloroethene	cis-1,3-Dichloropropene	Dibromochloromethane	Dibromomethane	Dichlorodifluoromethane	Dichlorotrifluoroethane	Diisopropyl Ether	Ethyl t-Butyl Ether
QB-SB/TP54	15	12/1/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB/TP54	20	12/1/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB/TP54	25	12/1/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB/TP54	30	12/1/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB/TP55	1.5	11/24/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB/TP55	5	11/24/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB/TP55	10	12/1/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB/TP55	15	12/1/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB/TP55	20	12/1/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB/TP55	25	12/1/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB/TP56	1	11/25/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB/TP56	5	11/25/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB/TP56	10	12/1/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB/TP56	15	12/1/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB/TP56	20	12/1/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB/TP56	25	12/1/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB/TP57	1	11/25/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB/TP57	5	11/25/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB/TP57	10	12/2/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB/TP57	15	12/2/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB/TP57	20	12/2/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB/TP57	25	12/2/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB/TP58	5	11/24/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB/TP58	10	12/1/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB/TP58	15	12/1/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB/TP58	20	12/1/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB/TP59	0.5	11/24/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB/TP59	5	11/24/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB/TP59	10	12/1/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB/TP59	15	12/1/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB/TP59	20	12/1/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050

Table 2
Soil Analytical Results - Volatile Organic Compounds
Former Orcutt Refinery
1550 West Stowell Road

Sample Location	Depth	Date	Ethylbenzene	Hexachlorobutadiene	Isopropylbenzene	Methylene Chloride	Methyl-t-butyl ether	Naphthalene	n-Butylbenzene	n-Propylbenzene	sec-Butylbenzene	Styrene	t-Amyl Methyl Ether	t-Butyl alcohol	tert-Butylbenzene	Tetrachloroethene (PCE)	Toluene
QB-SB/TP54	15	12/1/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.025	<0.0050	<0.0050	<0.0050
QB-SB/TP54	20	12/1/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.025	<0.0050	<0.0050	<0.0050
QB-SB/TP54	25	12/1/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.025	<0.0050	<0.0050	<0.0050
QB-SB/TP54	30	12/1/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.025	<0.0050	<0.0050	<0.0050
QB-SB/TP55	1.5	11/24/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.025	<0.0050	<0.0050	<0.0050
QB-SB/TP55	5	11/24/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.025	<0.0050	<0.0050	<0.0050
QB-SB/TP55	10	12/1/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.025	<0.0050	<0.0050	<0.0050
QB-SB/TP55	15	12/1/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.025	<0.0050	<0.0050	<0.0050
QB-SB/TP55	20	12/1/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.025	<0.0050	<0.0050	<0.0050
QB-SB/TP55	25	12/1/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.025	<0.0050	<0.0050	<0.0050
QB-SB/TP56	1	11/25/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.025	<0.0050	<0.0050	<0.0050
QB-SB/TP56	5	11/25/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.025	<0.0050	<0.0050	<0.0050
QB-SB/TP56	10	12/1/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.025	<0.0050	<0.0050	<0.0050
QB-SB/TP56	15	12/1/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.025	<0.0050	<0.0050	<0.0050
QB-SB/TP56	20	12/1/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.025	<0.0050	<0.0050	<0.0050
QB-SB/TP56	25	12/1/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.025	<0.0050	<0.0050	<0.0050
QB-SB/TP57	1	11/25/2008	<0.0050	<0.0050	<0.0050	0.0022J	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.025	<0.0050	<0.0050	<0.0050
QB-SB/TP57	5	11/25/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.025	<0.0050	<0.0050	<0.0050
QB-SB/TP57	10	12/2/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.025	<0.0050	<0.0050	<0.0050
QB-SB/TP57	15	12/2/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.025	<0.0050	<0.0050	<0.0050
QB-SB/TP57	20	12/2/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.025	<0.0050	<0.0050	0.00076J
QB-SB/TP57	25	12/2/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.025	<0.0050	<0.0050	<0.0050
QB-SB/TP58	5	11/24/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.025	<0.0050	<0.0050	<0.0050
QB-SB/TP58	10	12/1/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.025	<0.0050	<0.0050	<0.0050
QB-SB/TP58	15	12/1/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.025	<0.0050	<0.0050	<0.0050
QB-SB/TP58	20	12/1/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.025	<0.0050	<0.0050	<0.0050
QB-SB/TP59	0.5	11/24/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	0.0056	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.025	<0.0050	<0.0050	<0.0050
QB-SB/TP59	5	11/24/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.025	<0.0050	<0.0050	<0.0050
QB-SB/TP59	10	12/1/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.025	<0.0050	<0.0050	<0.0050
QB-SB/TP59	15	12/1/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.025	<0.0050	<0.0050	<0.0050
QB-SB/TP59	20	12/1/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.025	<0.0050	<0.0050	<0.0050

Table 2
Soil Analytical Results - Volatile Organic Compounds
Former Orcutt Refinery
1550 West Stowell Road

Sample Location	Depth	Date	trans-1,2-Dichloroethene	trans-1,3-Dichloropropene	Trichloroethene (TCE)	Trichlorofluoromethane	Trichlorotrifluoroethane	Vinyl Chloride	Xylenes (total)
QB-SB/TP54	15	12/1/2008	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB/TP54	20	12/1/2008	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB/TP54	25	12/1/2008	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB/TP54	30	12/1/2008	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB/TP55	1.5	11/24/2008	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB/TP55	5	11/24/2008	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB/TP55	10	12/1/2008	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB/TP55	15	12/1/2008	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB/TP55	20	12/1/2008	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB/TP55	25	12/1/2008	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB/TP56	1	11/25/2008	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB/TP56	5	11/25/2008	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB/TP56	10	12/1/2008	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB/TP56	15	12/1/2008	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB/TP56	20	12/1/2008	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB/TP56	25	12/1/2008	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB/TP57	1	11/25/2008	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB/TP57	5	11/25/2008	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB/TP57	10	12/2/2008	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB/TP57	15	12/2/2008	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB/TP57	20	12/2/2008	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB/TP57	25	12/2/2008	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB/TP58	5	11/24/2008	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB/TP58	10	12/1/2008	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB/TP58	15	12/1/2008	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB/TP58	20	12/1/2008	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB/TP59	0.5	11/24/2008	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB/TP59	5	11/24/2008	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB/TP59	10	12/1/2008	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB/TP59	15	12/1/2008	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB/TP59	20	12/1/2008	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050

Table 2
Soil Analytical Results - Volatile Organic Compounds
Former Orcutt Refinery
1550 West Stowell Road

Sample Location	Depth	Date	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	1,2-Dibromoethane (EDB)	1,2-Dichlorobenzene	1,2-Dichloroethane
QB-SB/TP59	25	12/1/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP60	5	11/25/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP60	10	12/2/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP60	15	12/2/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP60	20	12/2/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP61	5	11/25/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP61	10	12/3/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP61	15	12/3/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP61	20	12/3/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP61	25	12/3/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP62	5	11/25/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP62	10	12/3/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP62	15	12/3/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP62	20	12/3/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP63	5	11/25/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP63	10	12/3/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP63	15	12/3/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP63	20	12/3/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP69	5	12/1/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP69	10	12/8/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP69	15	12/8/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP70	5	12/1/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP70	10	12/8/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP70	15	12/8/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP71	5	12/1/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP71	10	12/8/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP71	15	12/8/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP72	5	12/1/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP72	10	12/8/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP72	15	12/8/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP73	5	12/2/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050

Table 2
Soil Analytical Results - Volatile Organic Compounds
Former Orcutt Refinery
1550 West Stowell Road

Sample Location	Depth	Date	1,2-Dichloropropane	1,3,5-Trimethylbenzene	1,3-Dichlorobenzene	1,3-Dichloropropane	1,4-Dichlorobenzene	2,2-Dichloropropane	2-Butanone	2-Chloroethylvinyl ether	2-Chlorotoluene	4-Chlorotoluene	4-Isopropyl Toluene	Benzene	Bromobenzene	Bromochloromethane	Bromodichloromethane
QB-SB/TP59	25	12/1/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP60	5	11/25/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP60	10	12/2/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP60	15	12/2/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP60	20	12/2/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP61	5	11/25/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP61	10	12/3/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP61	15	12/3/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP61	20	12/3/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP61	25	12/3/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP62	5	11/25/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP62	10	12/3/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP62	15	12/3/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP62	20	12/3/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP63	5	11/25/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP63	10	12/3/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP63	15	12/3/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP63	20	12/3/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP69	5	12/1/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP69	10	12/8/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP69	15	12/8/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP70	5	12/1/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	<0.0050	<0.0050	<0.0050	<0.0050	0.0012J	<0.0050	<0.0050	<0.0050
QB-SB/TP70	10	12/8/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP70	15	12/8/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP71	5	12/1/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP71	10	12/8/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP71	15	12/8/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP72	5	12/1/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP72	10	12/8/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP72	15	12/8/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP73	5	12/2/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050

Table 2
Soil Analytical Results - Volatile Organic Compounds
Former Orcutt Refinery
1550 West Stowell Road

Sample Location	Depth	Date	Bromoform	Bromomethane	Carbon tetrachloride	Chlorobenzene	Chloroethane	Chloroform	Chloromethane	cis-1,2-Dichloroethene	cis-1,3-Dichloropropene	Dibromochloromethane	Dibromomethane	Dichlorodifluoromethane	Dichlorotrifluoroethane	Diisopropyl Ether	Ethyl t-Butyl Ether
QB-SB/TP59	25	12/1/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB/TP60	5	11/25/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB/TP60	10	12/2/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB/TP60	15	12/2/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB/TP60	20	12/2/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB/TP61	5	11/25/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB/TP61	10	12/3/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB/TP61	15	12/3/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB/TP61	20	12/3/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB/TP61	25	12/3/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB/TP62	5	11/25/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB/TP62	10	12/3/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB/TP62	15	12/3/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB/TP62	20	12/3/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB/TP63	5	11/25/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB/TP63	10	12/3/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB/TP63	15	12/3/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB/TP63	20	12/3/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB/TP69	5	12/1/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB/TP69	10	12/8/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB/TP69	15	12/8/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB/TP70	5	12/1/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB/TP70	10	12/8/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB/TP70	15	12/8/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB/TP71	5	12/1/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB/TP71	10	12/8/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB/TP71	15	12/8/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB/TP72	5	12/1/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB/TP72	10	12/8/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB/TP72	15	12/8/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB/TP73	5	12/2/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050

Table 2
Soil Analytical Results - Volatile Organic Compounds
Former Orcutt Refinery
1550 West Stowell Road

Sample Location	Depth	Date	Ethylbenzene	Hexachlorobutadiene	Isopropylbenzene	Methylene Chloride	Methyl-t-butyl ether	Naphthalene	n-Butylbenzene	n-Propylbenzene	sec-Butylbenzene	Styrene	t-Amyl Methyl Ether	t-Butyl alcohol	tert-Butylbenzene	Tetrachloroethene (PCE)	Toluene
QB-SB/TP59	25	12/1/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.025	<0.0050	<0.0050	<0.0050
QB-SB/TP60	5	11/25/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.025	<0.0050	<0.0050	<0.0050
QB-SB/TP60	10	12/2/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.025	<0.0050	<0.0050	<0.0050
QB-SB/TP60	15	12/2/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.025	<0.0050	<0.0050	<0.0050
QB-SB/TP60	20	12/2/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.025	<0.0050	<0.0050	<0.0050
QB-SB/TP61	5	11/25/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.025	<0.0050	<0.0050	<0.0050
QB-SB/TP61	10	12/3/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.025	<0.0050	<0.0050	<0.0050
QB-SB/TP61	15	12/3/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.025	<0.0050	<0.0050	<0.0050
QB-SB/TP61	20	12/3/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.025	<0.0050	<0.0050	<0.0050
QB-SB/TP61	25	12/3/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.025	<0.0050	<0.0050	<0.0050
QB-SB/TP62	5	11/25/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.025	<0.0050	<0.0050	<0.0050
QB-SB/TP62	10	12/3/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.025	<0.0050	<0.0050	<0.0050
QB-SB/TP62	15	12/3/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.025	<0.0050	<0.0050	<0.0050
QB-SB/TP62	20	12/3/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.025	<0.0050	<0.0050	<0.0050
QB-SB/TP63	5	11/25/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.025	<0.0050	<0.0050	<0.0050
QB-SB/TP63	10	12/3/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.025	<0.0050	<0.0050	<0.0050
QB-SB/TP63	15	12/3/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.025	<0.0050	<0.0050	<0.0050
QB-SB/TP63	20	12/3/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.025	<0.0050	<0.0050	<0.0050
QB-SB/TP69	5	12/1/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.025	<0.0050	<0.0050	<0.0050
QB-SB/TP69	10	12/8/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.025	<0.0050	<0.0050	<0.0050
QB-SB/TP69	15	12/8/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.025	<0.0050	<0.0050	<0.0050
QB-SB/TP70	5	12/1/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.025	<0.0050	<0.0050	<0.0050
QB-SB/TP70	10	12/8/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.025	<0.0050	<0.0050	<0.0050
QB-SB/TP70	15	12/8/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.025	<0.0050	<0.0050	<0.0050
QB-SB/TP71	5	12/1/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.025	<0.0050	<0.0050	<0.0050
QB-SB/TP71	10	12/8/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.025	<0.0050	<0.0050	<0.0050
QB-SB/TP71	15	12/8/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.025	<0.0050	<0.0050	<0.0050
QB-SB/TP72	5	12/1/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.025	<0.0050	<0.0050	<0.0050
QB-SB/TP72	10	12/8/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.025	<0.0050	<0.0050	<0.0050
QB-SB/TP72	15	12/8/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.025	<0.0050	<0.0050	<0.0050
QB-SB/TP73	5	12/2/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.025	<0.0050	<0.0050	<0.0050

Table 2
Soil Analytical Results - Volatile Organic Compounds
Former Orcutt Refinery
1550 West Stowell Road

Sample Location	Depth	Date	trans-1,2-Dichloroethene	trans-1,3-Dichloropropene	Trichloroethene (TCE)	Trichlorofluoromethane	Trichlorotrifluoroethane	Vinyl Chloride	Xylenes (total)
QB-SB/TP59	25	12/1/2008	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB/TP60	5	11/25/2008	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB/TP60	10	12/2/2008	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB/TP60	15	12/2/2008	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB/TP60	20	12/2/2008	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB/TP61	5	11/25/2008	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB/TP61	10	12/3/2008	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB/TP61	15	12/3/2008	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB/TP61	20	12/3/2008	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB/TP61	25	12/3/2008	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB/TP62	5	11/25/2008	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB/TP62	10	12/3/2008	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB/TP62	15	12/3/2008	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB/TP62	20	12/3/2008	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB/TP63	5	11/25/2008	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB/TP63	10	12/3/2008	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB/TP63	15	12/3/2008	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB/TP63	20	12/3/2008	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB/TP69	5	12/1/2008	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB/TP69	10	12/8/2008	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB/TP69	15	12/8/2008	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB/TP70	5	12/1/2008	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB/TP70	10	12/8/2008	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB/TP70	15	12/8/2008	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB/TP71	5	12/1/2008	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB/TP71	10	12/8/2008	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB/TP71	15	12/8/2008	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB/TP72	5	12/1/2008	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB/TP72	10	12/8/2008	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB/TP72	15	12/8/2008	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB/TP73	5	12/2/2008	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050

Table 2
Soil Analytical Results - Volatile Organic Compounds
Former Orcutt Refinery
1550 West Stowell Road

Sample Location	Depth	Date	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	1,2-Dibromoethane (EDB)	1,2-Dichlorobenzene	1,2-Dichloroethane
QB-SB/TP73	10	12/8/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP73	15	12/8/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP74	5	12/2/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP74	10	12/8/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP74	15	12/8/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP75	5	12/2/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP75	10	12/8/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP75	15	12/8/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP76	1.75	12/3/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP76	5	12/3/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP76	10	12/9/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP76	15	12/9/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP77	2	12/3/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP77	5	12/3/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP77	10	12/8/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP77	15	12/8/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP78	0.5	12/3/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP78	5	12/3/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP78	10	12/3/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP78	15	12/3/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP78	20	12/3/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP78	25	12/3/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP79	5	12/3/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP79	10	12/3/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP79	15	12/3/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP79	20	12/3/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP80	1.5	12/3/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP80	5	12/3/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP80	10	12/8/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP80	15	12/8/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP81	5	12/3/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050

Table 2
Soil Analytical Results - Volatile Organic Compounds
Former Orcutt Refinery
1550 West Stowell Road

Sample Location	Depth	Date	1,2-Dichloropropane	1,3,5-Trimethylbenzene	1,3-Dichlorobenzene	1,3-Dichloropropane	1,4-Dichlorobenzene	2,2-Dichloropropane	2-Butanone	2-Chloroethylvinyl ether	2-Chlorotoluene	4-Chlorotoluene	4-Isopropyl Toluene	Benzene	Bromobenzene	Bromochloromethane	Bromodichloromethane
QB-SB/TP73	10	12/8/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP73	15	12/8/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP74	5	12/2/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP74	10	12/8/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP74	15	12/8/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP75	5	12/2/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP75	10	12/8/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP75	15	12/8/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP76	1.75	12/3/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP76	5	12/3/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP76	10	12/9/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP76	15	12/9/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP77	2	12/3/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP77	5	12/3/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP77	10	12/8/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP77	15	12/8/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP78	0.5	12/3/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP78	5	12/3/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP78	10	12/3/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP78	15	12/3/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP78	20	12/3/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP78	25	12/3/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP79	5	12/3/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP79	10	12/3/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP79	15	12/3/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP79	20	12/3/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP80	1.5	12/3/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP80	5	12/3/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP80	10	12/8/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP80	15	12/8/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP81	5	12/3/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050

Table 2
Soil Analytical Results - Volatile Organic Compounds
Former Orcutt Refinery
1550 West Stowell Road

Sample Location	Depth	Date	Bromoform	Bromomethane	Carbon tetrachloride	Chlorobenzene	Chloroethane	Chloroform	Chloromethane	cis-1,2-Dichloroethene	cis-1,3-Dichloropropene	Dibromochloromethane	Dibromomethane	Dichlorodifluoromethane	Dichlorotrifluoroethane	Diisopropyl Ether	Ethyl t-Butyl Ether
QB-SB/TP73	10	12/8/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB/TP73	15	12/8/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB/TP74	5	12/2/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB/TP74	10	12/8/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB/TP74	15	12/8/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB/TP75	5	12/2/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB/TP75	10	12/8/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB/TP75	15	12/8/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB/TP76	1.75	12/3/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB/TP76	5	12/3/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB/TP76	10	12/9/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB/TP76	15	12/9/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB/TP77	2	12/3/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB/TP77	5	12/3/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB/TP77	10	12/8/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB/TP77	15	12/8/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB/TP78	0.5	12/3/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB/TP78	5	12/3/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB/TP78	10	12/3/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB/TP78	15	12/3/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB/TP78	20	12/3/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB/TP78	25	12/3/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB/TP79	5	12/3/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB/TP79	10	12/3/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB/TP79	15	12/3/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB/TP79	20	12/3/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB/TP80	1.5	12/3/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB/TP80	5	12/3/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB/TP80	10	12/8/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB/TP80	15	12/8/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB/TP81	5	12/3/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050

Table 2
Soil Analytical Results - Volatile Organic Compounds
Former Orcutt Refinery
1550 West Stowell Road

Sample Location	Depth	Date	Ethylbenzene	Hexachlorobutadiene	Isopropylbenzene	Methylene Chloride	Methyl-t-butyl ether	Naphthalene	n-Butylbenzene	n-Propylbenzene	sec-Butylbenzene	Styrene	t-Amyl Methyl Ether	t-Butyl alcohol	tert-Butylbenzene	Tetrachloroethene (PCE)	Toluene
QB-SB/TP73	10	12/8/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.025	<0.0050	<0.0050	<0.0050
QB-SB/TP73	15	12/8/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.025	<0.0050	<0.0050	<0.0050
QB-SB/TP74	5	12/2/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.025	<0.0050	<0.0050	<0.0050
QB-SB/TP74	10	12/8/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.025	<0.0050	<0.0050	<0.0050
QB-SB/TP74	15	12/8/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.025	<0.0050	<0.0050	<0.0050
QB-SB/TP75	5	12/2/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.025	<0.0050	<0.0050	<0.0050
QB-SB/TP75	10	12/8/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.025	<0.0050	<0.0050	<0.0050
QB-SB/TP75	15	12/8/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.025	<0.0050	<0.0050	<0.0050
QB-SB/TP76	1.75	12/3/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.025	<0.0050	<0.0050	<0.0050
QB-SB/TP76	5	12/3/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.025	<0.0050	<0.0050	<0.0050
QB-SB/TP76	10	12/9/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.025	<0.0050	<0.0050	<0.0050
QB-SB/TP76	15	12/9/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.025	<0.0050	<0.0050	<0.0050
QB-SB/TP77	2	12/3/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.025	<0.0050	<0.0050	<0.0050
QB-SB/TP77	5	12/3/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.025	<0.0050	<0.0050	<0.0050
QB-SB/TP77	10	12/8/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.025	<0.0050	<0.0050	<0.0050
QB-SB/TP77	15	12/8/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.025	<0.0050	<0.0050	<0.0050
QB-SB/TP78	0.5	12/3/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.025	<0.0050	<0.0050	<0.0050
QB-SB/TP78	5	12/3/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.025	<0.0050	<0.0050	<0.0050
QB-SB/TP78	10	12/3/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.025	<0.0050	<0.0050	<0.0050
QB-SB/TP78	15	12/3/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.025	<0.0050	<0.0050	<0.0050
QB-SB/TP78	20	12/3/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.025	<0.0050	<0.0050	<0.0050
QB-SB/TP78	25	12/3/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.025	<0.0050	<0.0050	<0.0050
QB-SB/TP79	5	12/3/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.025	<0.0050	<0.0050	<0.0050
QB-SB/TP79	10	12/3/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.025	<0.0050	<0.0050	<0.0050
QB-SB/TP79	15	12/3/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.025	<0.0050	<0.0050	<0.0050
QB-SB/TP79	20	12/3/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.025	<0.0050	<0.0050	<0.0050
QB-SB/TP80	1.5	12/3/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.025	<0.0050	<0.0050	<0.0050
QB-SB/TP80	5	12/3/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.025	<0.0050	<0.0050	<0.0050
QB-SB/TP80	10	12/8/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.025	<0.0050	<0.0050	<0.0050
QB-SB/TP80	15	12/8/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.025	<0.0050	<0.0050	<0.0050
QB-SB/TP81	5	12/3/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.025	<0.0050	<0.0050	<0.0050

Table 2
Soil Analytical Results - Volatile Organic Compounds
Former Orcutt Refinery
1550 West Stowell Road

Sample Location	Depth	Date	trans-1,2-Dichloroethene	trans-1,3-Dichloropropene	Trichloroethene (TCE)	Trichlorofluoromethane	Trichlorotrifluoroethane	Vinyl Chloride	Xylenes (total)
QB-SB/TP73	10	12/8/2008	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB/TP73	15	12/8/2008	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB/TP74	5	12/2/2008	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB/TP74	10	12/8/2008	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB/TP74	15	12/8/2008	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB/TP75	5	12/2/2008	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB/TP75	10	12/8/2008	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB/TP75	15	12/8/2008	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB/TP76	1.75	12/3/2008	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB/TP76	5	12/3/2008	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB/TP76	10	12/9/2008	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB/TP76	15	12/9/2008	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB/TP77	2	12/3/2008	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB/TP77	5	12/3/2008	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB/TP77	10	12/8/2008	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB/TP77	15	12/8/2008	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB/TP78	0.5	12/3/2008	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB/TP78	5	12/3/2008	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB/TP78	10	12/3/2008	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB/TP78	15	12/3/2008	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB/TP78	20	12/3/2008	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB/TP78	25	12/3/2008	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB/TP79	5	12/3/2008	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB/TP79	10	12/3/2008	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB/TP79	15	12/3/2008	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB/TP79	20	12/3/2008	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB/TP80	1.5	12/3/2008	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB/TP80	5	12/3/2008	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB/TP80	10	12/8/2008	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB/TP80	15	12/8/2008	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB/TP81	5	12/3/2008	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050

Table 2
Soil Analytical Results - Volatile Organic Compounds
Former Orcutt Refinery
1550 West Stowell Road

Sample Location	Depth	Date	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	1,2-Dibromoethane (EDB)	1,2-Dichlorobenzene	1,2-Dichloroethane
QB-SB/TP81	10	12/4/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP81	15	12/4/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP81	20	12/4/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP82	5	12/3/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP82	10	12/8/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP82	15	12/8/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP83	5	12/3/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP83	10	12/8/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP83	15	12/8/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP84	2	12/3/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP84	5	12/3/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP84	10	12/8/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP84	15	12/8/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP85	5	12/3/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP85	10	12/8/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP85	15	12/8/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP86	3	12/4/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP86	5	12/4/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP86	10	12/8/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP86	15	12/8/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP95	1.75	12/4/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP95	5	12/4/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP95	10	12/5/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP95	15	12/5/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP96	2	12/4/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP96	3	12/4/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP96	5	12/4/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP96	10	12/5/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP96	15	12/5/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP96	20	12/5/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP96	25	12/5/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050

Table 2
Soil Analytical Results - Volatile Organic Compounds
Former Orcutt Refinery
1550 West Stowell Road

Sample Location	Depth	Date	1,2-Dichloropropane	1,3,5-Trimethylbenzene	1,3-Dichlorobenzene	1,3-Dichloropropane	1,4-Dichlorobenzene	2,2-Dichloropropane	2-Butanone	2-Chloroethylvinyl ether	2-Chlorotoluene	4-Chlorotoluene	4-Isopropyl Toluene	Benzene	Bromobenzene	Bromochloromethane	Bromodichloromethane
QB-SB/TP81	10	12/4/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP81	15	12/4/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP81	20	12/4/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP82	5	12/3/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP82	10	12/8/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP82	15	12/8/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP83	5	12/3/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP83	10	12/8/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP83	15	12/8/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP84	2	12/3/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP84	5	12/3/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP84	10	12/8/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP84	15	12/8/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP85	5	12/3/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP85	10	12/8/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP85	15	12/8/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP86	3	12/4/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP86	5	12/4/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP86	10	12/8/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP86	15	12/8/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP95	1.75	12/4/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP95	5	12/4/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP95	10	12/5/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP95	15	12/5/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP96	2	12/4/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP96	3	12/4/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP96	5	12/4/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP96	10	12/5/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP96	15	12/5/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP96	20	12/5/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP96	25	12/5/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050

Table 2
Soil Analytical Results - Volatile Organic Compounds
Former Orcutt Refinery
1550 West Stowell Road

Sample Location	Depth	Date	Bromoform	Bromomethane	Carbon tetrachloride	Chlorobenzene	Chloroethane	Chloroform	Chloromethane	cis-1,2-Dichloroethene	cis-1,3-Dichloropropene	Dibromochloromethane	Dibromomethane	Dichlorodifluoromethane	Dichlorotrifluoroethane	Diisopropyl Ether	Ethyl t-Butyl Ether
QB-SB/TP81	10	12/4/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB/TP81	15	12/4/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB/TP81	20	12/4/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB/TP82	5	12/3/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB/TP82	10	12/8/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB/TP82	15	12/8/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB/TP83	5	12/3/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB/TP83	10	12/8/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB/TP83	15	12/8/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB/TP84	2	12/3/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB/TP84	5	12/3/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB/TP84	10	12/8/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB/TP84	15	12/8/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB/TP85	5	12/3/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB/TP85	10	12/8/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB/TP85	15	12/8/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB/TP86	3	12/4/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB/TP86	5	12/4/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB/TP86	10	12/8/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB/TP86	15	12/8/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB/TP95	1.75	12/4/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB/TP95	5	12/4/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB/TP95	10	12/5/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB/TP95	15	12/5/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB/TP96	2	12/4/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB/TP96	3	12/4/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB/TP96	5	12/4/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB/TP96	10	12/5/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB/TP96	15	12/5/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB/TP96	20	12/5/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB/TP96	25	12/5/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050

Table 2
Soil Analytical Results - Volatile Organic Compounds
Former Orcutt Refinery
1550 West Stowell Road

Sample Location	Depth	Date	Ethylbenzene	Hexachlorobutadiene	Isopropylbenzene	Methylene Chloride	Methyl-t-butyl ether	Naphthalene	n-Butylbenzene	n-Propylbenzene	sec-Butylbenzene	Styrene	t-Amyl Methyl Ether	t-Butyl alcohol	tert-Butylbenzene	Tetrachloroethene (PCE)	Toluene
QB-SB/TP81	10	12/4/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.025	<0.0050	<0.0050	<0.0050
QB-SB/TP81	15	12/4/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.025	<0.0050	<0.0050	<0.0050
QB-SB/TP81	20	12/4/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.025	<0.0050	<0.0050	<0.0050
QB-SB/TP82	5	12/3/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.025	<0.0050	<0.0050	<0.0050
QB-SB/TP82	10	12/8/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.025	<0.0050	<0.0050	<0.0050
QB-SB/TP82	15	12/8/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.025	<0.0050	<0.0050	<0.0050
QB-SB/TP83	5	12/3/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.025	<0.0050	<0.0050	<0.0050
QB-SB/TP83	10	12/8/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.025	<0.0050	<0.0050	<0.0050
QB-SB/TP83	15	12/8/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.025	<0.0050	<0.0050	<0.0050
QB-SB/TP84	2	12/3/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.025	<0.0050	<0.0050	<0.0050
QB-SB/TP84	5	12/3/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.025	<0.0050	<0.0050	<0.0050
QB-SB/TP84	10	12/8/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.025	<0.0050	<0.0050	<0.0050
QB-SB/TP84	15	12/8/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.025	<0.0050	<0.0050	<0.0050
QB-SB/TP85	5	12/3/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.025	<0.0050	<0.0050	<0.0050
QB-SB/TP85	10	12/8/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.025	<0.0050	<0.0050	<0.0050
QB-SB/TP85	15	12/8/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.025	<0.0050	<0.0050	<0.0050
QB-SB/TP86	3	12/4/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.025	<0.0050	<0.0050	<0.0050
QB-SB/TP86	5	12/4/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.025	<0.0050	<0.0050	<0.0050
QB-SB/TP86	10	12/8/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.025	<0.0050	<0.0050	<0.0050
QB-SB/TP86	15	12/8/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.025	<0.0050	<0.0050	<0.0050
QB-SB/TP95	1.75	12/4/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.025	<0.0050	<0.0050	<0.0050
QB-SB/TP95	5	12/4/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.025	<0.0050	<0.0050	<0.0050
QB-SB/TP95	10	12/5/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.025	<0.0050	<0.0050	<0.0050
QB-SB/TP95	15	12/5/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.025	<0.0050	<0.0050	<0.0050
QB-SB/TP96	2	12/4/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.025	<0.0050	<0.0050	<0.0050
QB-SB/TP96	3	12/4/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.025	<0.0050	<0.0050	<0.0050
QB-SB/TP96	5	12/4/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.025	<0.0050	<0.0050	<0.0050
QB-SB/TP96	10	12/5/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.025	<0.0050	<0.0050	<0.0050
QB-SB/TP96	15	12/5/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.025	<0.0050	<0.0050	<0.0050
QB-SB/TP96	20	12/5/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.025	<0.0050	<0.0050	<0.0050
QB-SB/TP96	25	12/5/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.025	<0.0050	<0.0050	<0.0050

Table 2
Soil Analytical Results - Volatile Organic Compounds
Former Orcutt Refinery
1550 West Stowell Road

Sample Location	Depth	Date	trans-1,2-Dichloroethene	trans-1,3-Dichloropropene	Trichloroethene (TCE)	Trichlorofluoromethane	Trichlorotrifluoroethane	Vinyl Chloride	Xylenes (total)
QB-SB/TP81	10	12/4/2008	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB/TP81	15	12/4/2008	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB/TP81	20	12/4/2008	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB/TP82	5	12/3/2008	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB/TP82	10	12/8/2008	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB/TP82	15	12/8/2008	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB/TP83	5	12/3/2008	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB/TP83	10	12/8/2008	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB/TP83	15	12/8/2008	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB/TP84	2	12/3/2008	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB/TP84	5	12/3/2008	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB/TP84	10	12/8/2008	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB/TP84	15	12/8/2008	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB/TP85	5	12/3/2008	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB/TP85	10	12/8/2008	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB/TP85	15	12/8/2008	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB/TP86	3	12/4/2008	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB/TP86	5	12/4/2008	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB/TP86	10	12/8/2008	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB/TP86	15	12/8/2008	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB/TP95	1.75	12/4/2008	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB/TP95	5	12/4/2008	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB/TP95	10	12/5/2008	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB/TP95	15	12/5/2008	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB/TP96	2	12/4/2008	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB/TP96	3	12/4/2008	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB/TP96	5	12/4/2008	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB/TP96	10	12/5/2008	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB/TP96	15	12/5/2008	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB/TP96	20	12/5/2008	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB/TP96	25	12/5/2008	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050

Table 2
Soil Analytical Results - Volatile Organic Compounds
Former Orcutt Refinery
1550 West Stowell Road

Sample Location	Depth	Date	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	1,2-Dibromoethane (EDB)	1,2-Dichlorobenzene	1,2-Dichloroethane
QB-SB/TP97	0.5	12/4/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP97	3	12/4/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP97	5	12/4/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP97	10	12/5/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP97	15	12/5/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP98	1.75	12/4/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP98	5	12/4/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP98	10	12/5/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP98	15	12/5/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP98	20	12/5/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP99	2	12/4/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP99	5	12/4/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP99	10	12/4/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP99	12	12/4/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP99	15	12/4/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP99	20	12/4/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP99	25	12/4/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP99	30	12/4/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP99	35	12/4/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP99	40	12/4/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP99	45	12/4/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP99	50	12/4/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP100	2	12/5/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP100	5	12/5/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP100	10	12/9/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP100	15	12/9/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP101	2	12/4/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP101	5	12/4/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP101	10	12/5/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP101	15	12/5/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP102	2	12/4/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050

Table 2
Soil Analytical Results - Volatile Organic Compounds
Former Orcutt Refinery
1550 West Stowell Road

Sample Location	Depth	Date	1,2-Dichloropropane	1,3,5-Trimethylbenzene	1,3-Dichlorobenzene	1,3-Dichloropropane	1,4-Dichlorobenzene	2,2-Dichloropropane	2-Butanone	2-Chloroethylvinyl ether	2-Chlorotoluene	4-Chlorotoluene	4-Isopropyl Toluene	Benzene	Bromobenzene	Bromochloromethane	Bromodichloromethane
QB-SB/TP97	0.5	12/4/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP97	3	12/4/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP97	5	12/4/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP97	10	12/5/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP97	15	12/5/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP98	1.75	12/4/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP98	5	12/4/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP98	10	12/5/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP98	15	12/5/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP98	20	12/5/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP99	2	12/4/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP99	5	12/4/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP99	10	12/4/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP99	12	12/4/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP99	15	12/4/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP99	20	12/4/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP99	25	12/4/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP99	30	12/4/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP99	35	12/4/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP99	40	12/4/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP99	45	12/4/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP99	50	12/4/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP100	2	12/5/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP100	5	12/5/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP100	10	12/9/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP100	15	12/9/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP101	2	12/4/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP101	5	12/4/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP101	10	12/5/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP101	15	12/5/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP102	2	12/4/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050

Table 2
Soil Analytical Results - Volatile Organic Compounds
Former Orcutt Refinery
1550 West Stowell Road

Sample Location	Depth	Date	Bromoform	Bromomethane	Carbon tetrachloride	Chlorobenzene	Chloroethane	Chloroform	Chloromethane	cis-1,2-Dichloroethene	cis-1,3-Dichloropropene	Dibromochloromethane	Dibromomethane	Dichlorodifluoromethane	Dichlorotrifluoroethane	Diisopropyl Ether	Ethyl t-Butyl Ether
QB-SB/TP97	0.5	12/4/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB/TP97	3	12/4/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB/TP97	5	12/4/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB/TP97	10	12/5/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB/TP97	15	12/5/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB/TP98	1.75	12/4/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB/TP98	5	12/4/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB/TP98	10	12/5/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB/TP98	15	12/5/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB/TP98	20	12/5/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB/TP99	2	12/4/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB/TP99	5	12/4/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB/TP99	10	12/4/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB/TP99	12	12/4/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB/TP99	15	12/4/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB/TP99	20	12/4/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB/TP99	25	12/4/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB/TP99	30	12/4/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB/TP99	35	12/4/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB/TP99	40	12/4/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB/TP99	45	12/4/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB/TP99	50	12/4/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB/TP100	2	12/5/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB/TP100	5	12/5/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB/TP100	10	12/9/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB/TP100	15	12/9/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB/TP101	2	12/4/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB/TP101	5	12/4/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB/TP101	10	12/5/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB/TP101	15	12/5/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB/TP102	2	12/4/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050

Table 2
Soil Analytical Results - Volatile Organic Compounds
Former Orcutt Refinery
1550 West Stowell Road

Sample Location	Depth	Date	Ethylbenzene	Hexachlorobutadiene	Isopropylbenzene	Methylene Chloride	Methyl-t-butyl ether	Naphthalene	n-Butylbenzene	n-Propylbenzene	sec-Butylbenzene	Styrene	t-Amyl Methyl Ether	t-Butyl alcohol	tert-Butylbenzene	Tetrachloroethene (PCE)	Toluene
QB-SB/TP97	0.5	12/4/2008	<0.0050	<0.0050	<0.0050	0.0021J	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.025	<0.0050	<0.0050	<0.0050
QB-SB/TP97	3	12/4/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.025	<0.0050	<0.0050	<0.0050
QB-SB/TP97	5	12/4/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.025	<0.0050	<0.0050	<0.0050
QB-SB/TP97	10	12/5/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.025	<0.0050	<0.0050	<0.0050
QB-SB/TP97	15	12/5/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.025	<0.0050	<0.0050	<0.0050
QB-SB/TP98	1.75	12/4/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.025	<0.0050	<0.0050	<0.0050
QB-SB/TP98	5	12/4/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.025	<0.0050	<0.0050	<0.0050
QB-SB/TP98	10	12/5/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.025	<0.0050	<0.0050	<0.0050
QB-SB/TP98	15	12/5/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.025	<0.0050	<0.0050	<0.0050
QB-SB/TP98	20	12/5/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.025	<0.0050	<0.0050	<0.0050
QB-SB/TP99	2	12/4/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.025	<0.0050	<0.0050	<0.0050
QB-SB/TP99	5	12/4/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.025	<0.0050	<0.0050	<0.0050
QB-SB/TP99	10	12/4/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.025	<0.0050	<0.0050	<0.0050
QB-SB/TP99	12	12/4/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.025	<0.0050	<0.0050	<0.0050
QB-SB/TP99	15	12/4/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.025	<0.0050	<0.0050	<0.0050
QB-SB/TP99	20	12/4/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.025	<0.0050	<0.0050	<0.0050
QB-SB/TP99	25	12/4/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.025	<0.0050	<0.0050	<0.0050
QB-SB/TP99	30	12/4/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.025	<0.0050	<0.0050	<0.0050
QB-SB/TP99	35	12/4/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.025	<0.0050	<0.0050	<0.0050
QB-SB/TP99	40	12/4/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.025	<0.0050	<0.0050	<0.0050
QB-SB/TP99	45	12/4/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.025	<0.0050	<0.0050	<0.0050
QB-SB/TP99	50	12/4/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.025	<0.0050	<0.0050	<0.0050
QB-SB/TP100	2	12/5/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.025	<0.0050	<0.0050	<0.0050
QB-SB/TP100	5	12/5/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.025	<0.0050	<0.0050	<0.0050
QB-SB/TP100	10	12/9/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.025	<0.0050	<0.0050	<0.0050
QB-SB/TP100	15	12/9/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.025	<0.0050	<0.0050	<0.0050
QB-SB/TP101	2	12/4/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.025	<0.0050	<0.0050	<0.0050
QB-SB/TP101	5	12/4/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.025	<0.0050	<0.0050	<0.0050
QB-SB/TP101	10	12/5/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.025	<0.0050	<0.0050	<0.0050
QB-SB/TP101	15	12/5/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.025	<0.0050	<0.0050	<0.0050
QB-SB/TP102	2	12/4/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.025	<0.0050	<0.0050	<0.0050

Table 2
Soil Analytical Results - Volatile Organic Compounds
Former Orcutt Refinery
1550 West Stowell Road

Sample Location	Depth	Date	trans-1,2-Dichloroethene	trans-1,3-Dichloropropene	Trichloroethene (TCE)	Trichlorofluoromethane	Trichlorotrifluoroethane	Vinyl Chloride	Xylenes (total)
QB-SB/TP97	0.5	12/4/2008	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB/TP97	3	12/4/2008	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB/TP97	5	12/4/2008	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB/TP97	10	12/5/2008	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB/TP97	15	12/5/2008	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB/TP98	1.75	12/4/2008	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB/TP98	5	12/4/2008	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB/TP98	10	12/5/2008	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB/TP98	15	12/5/2008	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB/TP98	20	12/5/2008	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB/TP99	2	12/4/2008	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB/TP99	5	12/4/2008	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB/TP99	10	12/4/2008	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB/TP99	12	12/4/2008	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB/TP99	15	12/4/2008	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB/TP99	20	12/4/2008	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB/TP99	25	12/4/2008	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB/TP99	30	12/4/2008	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB/TP99	35	12/4/2008	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	0.0026J
QB-SB/TP99	40	12/4/2008	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB/TP99	45	12/4/2008	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB/TP99	50	12/4/2008	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB/TP100	2	12/5/2008	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB/TP100	5	12/5/2008	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB/TP100	10	12/9/2008	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB/TP100	15	12/9/2008	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB/TP101	2	12/4/2008	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB/TP101	5	12/4/2008	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB/TP101	10	12/5/2008	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB/TP101	15	12/5/2008	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB/TP102	2	12/4/2008	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050

Table 2
Soil Analytical Results - Volatile Organic Compounds
Former Orcutt Refinery
1550 West Stowell Road

Sample Location	Depth	Date	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	1,2-Dibromoethane (EDB)	1,2-Dichlorobenzene	1,2-Dichloroethane
QB-SB/TP102	5	12/4/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP102	10	12/5/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP102	15	12/5/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP103	5	12/5/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP103	10	12/8/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP103	15	12/8/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP104	5	12/5/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP104	10	12/8/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP104	15	12/8/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP105	1	12/5/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP105	5	12/5/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP105	10	12/8/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP105	15	12/8/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP106	2	12/5/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP106	5	12/5/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP106	10	12/9/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP106	15	12/9/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP107	1	12/5/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP107	5	12/5/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP107	10	12/9/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP107	15	12/9/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP108	5	12/5/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP108	10	12/8/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP108	15	12/8/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP109	5	12/5/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP109	10	12/8/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP109	15	12/8/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB28	5	11/20/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB28	10	11/20/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB28	15	11/20/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB28	20	11/20/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050

Table 2
Soil Analytical Results - Volatile Organic Compounds
Former Orcutt Refinery
1550 West Stowell Road

Sample Location	Depth	Date	1,2-Dichloropropane	1,3,5-Trimethylbenzene	1,3-Dichlorobenzene	1,3-Dichloropropane	1,4-Dichlorobenzene	2,2-Dichloropropane	2-Butanone	2-Chloroethylvinyl ether	2-Chlorotoluene	4-Chlorotoluene	4-Isopropyl Toluene	Benzene	Bromobenzene	Bromochloromethane	Bromodichloromethane
QB-SB/TP102	5	12/4/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP102	10	12/5/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP102	15	12/5/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP103	5	12/5/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP103	10	12/8/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP103	15	12/8/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP104	5	12/5/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP104	10	12/8/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP104	15	12/8/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP105	1	12/5/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP105	5	12/5/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP105	10	12/8/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP105	15	12/8/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP106	2	12/5/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP106	5	12/5/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP106	10	12/9/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP106	15	12/9/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP107	1	12/5/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP107	5	12/5/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP107	10	12/9/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP107	15	12/9/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP108	5	12/5/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP108	10	12/8/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP108	15	12/8/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP109	5	12/5/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP109	10	12/8/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB/TP109	15	12/8/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB28	5	11/20/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB28	10	11/20/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB28	15	11/20/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB28	20	11/20/2008	<0.0050	<0.0050	<0.0050	<0.0050	0.1	<0.0050	<0.10	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050

Table 2
Soil Analytical Results - Volatile Organic Compounds
Former Orcutt Refinery
1550 West Stowell Road

Sample Location	Depth	Date	Bromoform	Bromomethane	Carbon tetrachloride	Chlorobenzene	Chloroethane	Chloroform	Chloromethane	cis-1,2-Dichloroethene	cis-1,3-Dichloropropene	Dibromochloromethane	Dibromomethane	Dichlorodifluoromethane	Dichlorotrifluoroethane	Diisopropyl Ether	Ethyl t-Butyl Ether
QB-SB/TP102	5	12/4/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB/TP102	10	12/5/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB/TP102	15	12/5/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB/TP103	5	12/5/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB/TP103	10	12/8/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB/TP103	15	12/8/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB/TP104	5	12/5/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB/TP104	10	12/8/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB/TP104	15	12/8/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB/TP105	1	12/5/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB/TP105	5	12/5/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB/TP105	10	12/8/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB/TP105	15	12/8/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB/TP106	2	12/5/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB/TP106	5	12/5/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB/TP106	10	12/9/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB/TP106	15	12/9/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB/TP107	1	12/5/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB/TP107	5	12/5/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB/TP107	10	12/9/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB/TP107	15	12/9/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB/TP108	5	12/5/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB/TP108	10	12/8/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB/TP108	15	12/8/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB/TP109	5	12/5/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB/TP109	10	12/8/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB/TP109	15	12/8/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB28	5	11/20/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB28	10	11/20/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB28	15	11/20/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB28	20	11/20/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050

Table 2
Soil Analytical Results - Volatile Organic Compounds
Former Orcutt Refinery
1550 West Stowell Road

Sample Location	Depth	Date	Ethylbenzene	Hexachlorobutadiene	Isopropylbenzene	Methylene Chloride	Methyl-t-butyl ether	Naphthalene	n-Butylbenzene	n-Propylbenzene	sec-Butylbenzene	Styrene	t-Amyl Methyl Ether	t-Butyl alcohol	tert-Butylbenzene	Tetrachloroethene (PCE)	Toluene
QB-SB/TP102	5	12/4/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.025	<0.0050	<0.0050	<0.0050
QB-SB/TP102	10	12/5/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.025	<0.0050	<0.0050	<0.0050
QB-SB/TP102	15	12/5/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.025	<0.0050	<0.0050	<0.0050
QB-SB/TP103	5	12/5/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.025	<0.0050	<0.0050	<0.0050
QB-SB/TP103	10	12/8/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.025	<0.0050	<0.0050	<0.0050
QB-SB/TP103	15	12/8/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.025	<0.0050	<0.0050	<0.0050
QB-SB/TP104	5	12/5/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.025	<0.0050	<0.0050	<0.0050
QB-SB/TP104	10	12/8/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.025	<0.0050	<0.0050	<0.0050
QB-SB/TP104	15	12/8/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.025	<0.0050	<0.0050	<0.0050
QB-SB/TP105	1	12/5/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.025	<0.0050	<0.0050	<0.0050
QB-SB/TP105	5	12/5/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.025	<0.0050	<0.0050	<0.0050
QB-SB/TP105	10	12/8/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.025	<0.0050	<0.0050	<0.0050
QB-SB/TP105	15	12/8/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.025	<0.0050	<0.0050	<0.0050
QB-SB/TP106	2	12/5/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.025	<0.0050	<0.0050	<0.0050
QB-SB/TP106	5	12/5/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.025	<0.0050	<0.0050	<0.0050
QB-SB/TP106	10	12/9/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.025	<0.0050	<0.0050	<0.0050
QB-SB/TP106	15	12/9/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.025	<0.0050	<0.0050	<0.0050
QB-SB/TP107	1	12/5/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.025	<0.0050	<0.0050	<0.0050
QB-SB/TP107	5	12/5/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.025	<0.0050	<0.0050	<0.0050
QB-SB/TP107	10	12/9/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.025	<0.0050	<0.0050	<0.0050
QB-SB/TP107	15	12/9/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.025	<0.0050	<0.0050	<0.0050
QB-SB/TP108	5	12/5/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.025	<0.0050	<0.0050	<0.0050
QB-SB/TP108	10	12/8/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.025	<0.0050	<0.0050	<0.0050
QB-SB/TP108	15	12/8/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.025	<0.0050	<0.0050	<0.0050
QB-SB/TP109	5	12/5/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.025	<0.0050	<0.0050	<0.0050
QB-SB/TP109	10	12/8/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.025	<0.0050	<0.0050	<0.0050
QB-SB/TP109	15	12/8/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.025	<0.0050	<0.0050	<0.0050
QB-SB28	5	11/20/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.025	<0.0050	<0.0050	<0.0050
QB-SB28	10	11/20/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.025	<0.0050	<0.0050	<0.0050
QB-SB28	15	11/20/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.025	<0.0050	<0.0050	<0.0050
QB-SB28	20	11/20/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.025	<0.0050	<0.0050	<0.0050

Table 2
Soil Analytical Results - Volatile Organic Compounds
Former Orcutt Refinery
1550 West Stowell Road

Sample Location	Depth	Date	trans-1,2-Dichloroethene	trans-1,3-Dichloropropene	Trichloroethene (TCE)	Trichlorofluoromethane	Trichlorotrifluoroethane	Vinyl Chloride	Xylenes (total)
QB-SB/TP102	5	12/4/2008	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB/TP102	10	12/5/2008	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB/TP102	15	12/5/2008	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB/TP103	5	12/5/2008	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB/TP103	10	12/8/2008	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB/TP103	15	12/8/2008	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB/TP104	5	12/5/2008	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB/TP104	10	12/8/2008	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB/TP104	15	12/8/2008	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB/TP105	1	12/5/2008	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB/TP105	5	12/5/2008	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB/TP105	10	12/8/2008	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB/TP105	15	12/8/2008	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB/TP106	2	12/5/2008	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB/TP106	5	12/5/2008	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB/TP106	10	12/9/2008	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB/TP106	15	12/9/2008	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB/TP107	1	12/5/2008	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB/TP107	5	12/5/2008	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB/TP107	10	12/9/2008	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB/TP107	15	12/9/2008	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB/TP108	5	12/5/2008	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB/TP108	10	12/8/2008	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB/TP108	15	12/8/2008	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB/TP109	5	12/5/2008	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB/TP109	10	12/8/2008	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB/TP109	15	12/8/2008	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB28	5	11/20/2008	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB28	10	11/20/2008	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB28	15	11/20/2008	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB28	20	11/20/2008	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050

Table 2
Soil Analytical Results - Volatile Organic Compounds
Former Orcutt Refinery
1550 West Stowell Road

Sample Location	Depth	Date	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	1,2-Dibromoethane (EDB)	1,2-Dichlorobenzene	1,2-Dichloroethane
QB-SB29	5	11/20/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB29	10	11/20/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB29	15	11/20/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB29	20	11/20/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB30	5	11/19/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB30	10	11/19/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB30	15	11/19/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB30	20	11/19/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB31	5	11/19/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB31	10	11/19/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB31	15	11/19/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB31	20.5	11/19/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB32	5	11/19/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB32	10	11/19/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB32	15	11/19/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB32	21.5	11/19/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB33	5	11/20/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB33	10	11/20/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB33	15	11/20/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB64	5	12/1/2008	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	0.76	<0.025	<0.025	<0.025	<0.025
QB-SB64	10	12/1/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	0.0043J	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB64	15	12/1/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB64	20	12/1/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB64	25	12/1/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB64	30	12/1/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB65	5	12/1/2008	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	2.6	<0.025	<0.025	<0.025	<0.025
QB-SB65	10	12/1/2008	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	1.2	<0.025	<0.025	<0.025	<0.025
QB-SB65	15	12/1/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB65	20	12/1/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB65	25	12/1/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB65	30	12/1/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050

Table 2
Soil Analytical Results - Volatile Organic Compounds
Former Orcutt Refinery
1550 West Stowell Road

Sample Location	Depth	Date	1,2-Dichloropropane	1,3,5-Trimethylbenzene	1,3-Dichlorobenzene	1,3-Dichloropropane	1,4-Dichlorobenzene	2,2-Dichloropropane	2-Butanone	2-Chloroethylvinyl ether	2-Chlorotoluene	4-Chlorotoluene	4-Isopropyl Toluene	Benzene	Bromobenzene	Bromochloromethane	Bromodichloromethane
QB-SB29	5	11/20/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB29	10	11/20/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB29	15	11/20/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB29	20	11/20/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB30	5	11/19/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB30	10	11/19/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB30	15	11/19/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB30	20	11/19/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB31	5	11/19/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB31	10	11/19/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB31	15	11/19/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB31	20.5	11/19/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB32	5	11/19/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB32	10	11/19/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB32	15	11/19/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB32	21.5	11/19/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB33	5	11/20/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB33	10	11/20/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB33	15	11/20/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB64	5	12/1/2008	<0.025	0.11	<0.025	<0.025	<0.025	<0.025	<0.50	<0.025	2.6	<0.025	1	0.083	<0.025	<0.025	<0.025
QB-SB64	10	12/1/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	<0.0050	0.0030J	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB64	15	12/1/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB64	20	12/1/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB64	25	12/1/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB64	30	12/1/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB65	5	12/1/2008	<0.025	0.81	<0.025	<0.025	<0.025	<0.025	<0.50	<0.025	2.2	<0.025	0.51	**0.28**	<0.025	<0.025	<0.025
QB-SB65	10	12/1/2008	<0.025	0.34	<0.025	<0.025	<0.025	<0.025	<0.50	<0.025	0.89	<0.025	0.25	0.024J	<0.025	<0.025	<0.025
QB-SB65	15	12/1/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB65	20	12/1/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB65	25	12/1/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB65	30	12/1/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050

Table 2
Soil Analytical Results - Volatile Organic Compounds
Former Orcutt Refinery
1550 West Stowell Road

Sample Location	Depth	Date	Bromoform	Bromomethane	Carbon tetrachloride	Chlorobenzene	Chloroethane	Chloroform	Chloromethane	cis-1,2-Dichloroethene	cis-1,3-Dichloropropene	Dibromochloromethane	Dibromomethane	Dichlorodifluoromethane	Dichlorotrifluoroethane	Diisopropyl Ether	Ethyl t-Butyl Ether
QB-SB29	5	11/20/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB29	10	11/20/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB29	15	11/20/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB29	20	11/20/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB30	5	11/19/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB30	10	11/19/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB30	15	11/19/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB30	20	11/19/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB31	5	11/19/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB31	10	11/19/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB31	15	11/19/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB31	20.5	11/19/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB32	5	11/19/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB32	10	11/19/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB32	15	11/19/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB32	21.5	11/19/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB33	5	11/20/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB33	10	11/20/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB33	15	11/20/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB64	5	12/1/2008	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	-	<0.025	<0.025
QB-SB64	10	12/1/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB64	15	12/1/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB64	20	12/1/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB64	25	12/1/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB64	30	12/1/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB65	5	12/1/2008	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	-	<0.025	<0.025
QB-SB65	10	12/1/2008	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	-	<0.025	<0.025
QB-SB65	15	12/1/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB65	20	12/1/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB65	25	12/1/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB65	30	12/1/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050

Table 2
Soil Analytical Results - Volatile Organic Compounds
Former Orcutt Refinery
1550 West Stowell Road

Sample Location	Depth	Date	Ethylbenzene	Hexachlorobutadiene	Isopropylbenzene	Methylene Chloride	Methyl-t-butyl ether	Naphthalene	n-Butylbenzene	n-Propylbenzene	sec-Butylbenzene	Styrene	t-Amyl Methyl Ether	t-Butyl alcohol	tert-Butylbenzene	Tetrachloroethene (PCE)	Toluene
QB-SB29	5	11/20/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.025	<0.0050	<0.0050	<0.0050
QB-SB29	10	11/20/2008	<0.0050	<0.0050	<0.0050	0.0024J	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.025	<0.0050	<0.0050	<0.0050
QB-SB29	15	11/20/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.025	<0.0050	<0.0050	<0.0050
QB-SB29	20	11/20/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.025	<0.0050	<0.0050	<0.0050
QB-SB30	5	11/19/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.025	<0.0050	<0.0050	<0.0050
QB-SB30	10	11/19/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.025	<0.0050	<0.0050	<0.0050
QB-SB30	15	11/19/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.025	<0.0050	<0.0050	<0.0050
QB-SB30	20	11/19/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.025	<0.0050	<0.0050	<0.0050
QB-SB31	5	11/19/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.025	<0.0050	<0.0050	<0.0050
QB-SB31	10	11/19/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.025	<0.0050	<0.0050	<0.0050
QB-SB31	15	11/19/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.025	<0.0050	<0.0050	<0.0050
QB-SB31	20.5	11/19/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.025	<0.0050	<0.0050	<0.0050
QB-SB32	5	11/19/2008	<0.0050	<0.0050	<0.0050	0.0021J	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.025	<0.0050	<0.0050	<0.0050
QB-SB32	10	11/19/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.025	<0.0050	<0.0050	<0.0050
QB-SB32	15	11/19/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.025	<0.0050	<0.0050	<0.0050
QB-SB32	21.5	11/19/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.025	<0.0050	<0.0050	<0.0050
QB-SB33	5	11/20/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.025	<0.0050	<0.0050	<0.0050
QB-SB33	10	11/20/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.025	<0.0050	<0.0050	<0.0050
QB-SB33	15	11/20/2008	<0.0050	<0.0050	<0.0050	0.0029J	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.025	<0.0050	<0.0050	<0.0050
QB-SB64	5	12/1/2008	1.6	<0.025	0.46	<0.025	<0.025	<0.025	0.81	1.4	0.63	<0.025	<0.025	<0.12	<0.025	<0.025	0.016J
QB-SB64	10	12/1/2008	0.0028J	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.025	<0.0050	<0.0050	<0.0050
QB-SB64	15	12/1/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.025	<0.0050	<0.0050	<0.0050
QB-SB64	20	12/1/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.025	<0.0050	<0.0050	<0.0050
QB-SB64	25	12/1/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.025	<0.0050	<0.0050	<0.0050
QB-SB64	30	12/1/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.025	<0.0050	<0.0050	<0.0050
QB-SB65	5	12/1/2008	1.2	<0.025	0.32	<0.025	<0.025	1.2	0.5	0.71	0.3	<0.025	<0.025	<0.12	<0.025	<0.025	0.26
QB-SB65	10	12/1/2008	0.36	<0.025	0.14	<0.025	<0.025	0.84	0.32	0.3	0.16	<0.025	<0.025	<0.12	<0.025	<0.025	0.018J
QB-SB65	15	12/1/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.025	<0.0050	<0.0050	<0.0050
QB-SB65	20	12/1/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.025	<0.0050	<0.0050	<0.0050
QB-SB65	25	12/1/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.025	<0.0050	<0.0050	<0.0050
QB-SB65	30	12/1/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.025	<0.0050	<0.0050	<0.0050

Table 2
Soil Analytical Results - Volatile Organic Compounds
Former Orcutt Refinery
1550 West Stowell Road

Sample Location	Depth	Date	trans-1,2-Dichloroethene	trans-1,3-Dichloropropene	Trichloroethene (TCE)	Trichlorofluoromethane	Trichlorotrifluoroethane	Vinyl Chloride	Xylenes (total)
QB-SB29	5	11/20/2008	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB29	10	11/20/2008	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB29	15	11/20/2008	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB29	20	11/20/2008	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB30	5	11/19/2008	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB30	10	11/19/2008	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB30	15	11/19/2008	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB30	20	11/19/2008	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB31	5	11/19/2008	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB31	10	11/19/2008	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB31	15	11/19/2008	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB31	20.5	11/19/2008	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB32	5	11/19/2008	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB32	10	11/19/2008	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB32	15	11/19/2008	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB32	21.5	11/19/2008	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB33	5	11/20/2008	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB33	10	11/20/2008	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB33	15	11/20/2008	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB64	5	12/1/2008	<0.025	<0.025	<0.025	<0.025	-	<0.025	1.1
QB-SB64	10	12/1/2008	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	0.0028J
QB-SB64	15	12/1/2008	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB64	20	12/1/2008	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB64	25	12/1/2008	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB64	30	12/1/2008	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB65	5	12/1/2008	<0.025	<0.025	<0.025	<0.025	-	<0.025	2.9
QB-SB65	10	12/1/2008	<0.025	<0.025	<0.025	<0.025	-	<0.025	0.77
QB-SB65	15	12/1/2008	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB65	20	12/1/2008	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB65	25	12/1/2008	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB65	30	12/1/2008	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050

Table 2
Soil Analytical Results - Volatile Organic Compounds
Former Orcutt Refinery
1550 West Stowell Road

Sample Location	Depth	Date	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	1,2-Dibromoethane (EDB)	1,2-Dichlorobenzene	1,2-Dichloroethane
QB-SB66	5	12/2/2008	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	1.5	<0.025	<0.025	<0.025	<0.025
QB-SB66	10	12/2/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	0.013	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB66	15	12/2/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB66	20	12/2/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB66	25	12/2/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB66	30	12/2/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB67	5	12/2/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB67	10	12/2/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB67	15	12/2/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB67	20	12/2/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB67	25	12/2/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB67	30	12/2/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB68	5	12/2/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB68	10	12/2/2008	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	0.12	<0.025	<0.025	<0.025	<0.025
QB-SB68	15	12/2/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB68	20	12/2/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB81	5	12/4/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB87	5	12/4/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB87	10	12/4/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB87	15	12/4/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB87	20	12/4/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB88	5	12/4/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB88	10	12/4/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB88	15	12/4/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB88	20	12/4/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB89	5	12/4/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB89	10	12/4/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB89	15	12/4/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB89	20	12/4/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB90	5	12/4/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB90	10	12/4/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050

Table 2
Soil Analytical Results - Volatile Organic Compounds
Former Orcutt Refinery
1550 West Stowell Road

Sample Location	Depth	Date	1,2-Dichloropropane	1,3,5-Trimethylbenzene	1,3-Dichlorobenzene	1,3-Dichloropropane	1,4-Dichlorobenzene	2,2-Dichloropropane	2-Butanone	2-Chloroethylvinyl ether	2-Chlorotoluene	4-Chlorotoluene	4-Isopropyl Toluene	Benzene	Bromobenzene	Bromochloromethane	Bromodichloromethane
QB-SB66	5	12/2/2008	<0.025	0.14	<0.025	<0.025	<0.025	<0.025	<0.50	<0.025	1.1	<0.025	0.46	<0.025	<0.025	<0.025	<0.025
QB-SB66	10	12/2/2008	<0.0050	0.0028J	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	<0.0050	0.01	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB66	15	12/2/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB66	20	12/2/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB66	25	12/2/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB66	30	12/2/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB67	5	12/2/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB67	10	12/2/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB67	15	12/2/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB67	20	12/2/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB67	25	12/2/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB67	30	12/2/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB68	5	12/2/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB68	10	12/2/2008	<0.025	0.027	<0.025	<0.025	<0.025	<0.025	<0.50	<0.025	<0.025	<0.025	<0.025	0.016J	<0.025	<0.025	<0.025
QB-SB68	15	12/2/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB68	20	12/2/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB81	5	12/4/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB87	5	12/4/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB87	10	12/4/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB87	15	12/4/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB87	20	12/4/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB88	5	12/4/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB88	10	12/4/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB88	15	12/4/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB88	20	12/4/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB89	5	12/4/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB89	10	12/4/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB89	15	12/4/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB89	20	12/4/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB90	5	12/4/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB90	10	12/4/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050

Table 2
Soil Analytical Results - Volatile Organic Compounds
Former Orcutt Refinery
1550 West Stowell Road

Sample Location	Depth	Date	Bromoform	Bromomethane	Carbon tetrachloride	Chlorobenzene	Chloroethane	Chloroform	Chloromethane	cis-1,2-Dichloroethene	cis-1,3-Dichloropropene	Dibromochloromethane	Dibromomethane	Dichlorodifluoromethane	Dichlorotrifluoroethane	Diisopropyl Ether	Ethyl t-Butyl Ether
QB-SB66	5	12/2/2008	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	-	<0.025	<0.025
QB-SB66	10	12/2/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB66	15	12/2/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB66	20	12/2/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB66	25	12/2/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB66	30	12/2/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB67	5	12/2/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB67	10	12/2/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB67	15	12/2/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB67	20	12/2/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB67	25	12/2/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB67	30	12/2/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB68	5	12/2/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB68	10	12/2/2008	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	-	<0.025	<0.025
QB-SB68	15	12/2/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB68	20	12/2/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB81	5	12/4/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB87	5	12/4/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB87	10	12/4/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB87	15	12/4/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB87	20	12/4/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB88	5	12/4/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB88	10	12/4/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB88	15	12/4/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB88	20	12/4/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB89	5	12/4/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB89	10	12/4/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB89	15	12/4/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB89	20	12/4/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB90	5	12/4/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB90	10	12/4/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050

Table 2
Soil Analytical Results - Volatile Organic Compounds
Former Orcutt Refinery
1550 West Stowell Road

Sample Location	Depth	Date	Ethylbenzene	Hexachlorobutadiene	Isopropylbenzene	Methylene Chloride	Methyl-t-butyl ether	Naphthalene	n-Butylbenzene	n-Propylbenzene	sec-Butylbenzene	Styrene	t-Amyl Methyl Ether	t-Butyl alcohol	tert-Butylbenzene	Tetrachloroethene (PCE)	Toluene
QB-SB66	5	12/2/2008	0.57	<0.025	0.23	<0.025	<0.025	<0.025	0.45	0.55	0.3	<0.025	<0.025	<0.12	<0.025	<0.025	<0.025
QB-SB66	10	12/2/2008	0.0052	<0.0050	<0.0050	<0.0050	<0.0050	0.016	0.0034J	0.0045J	0.0030J	<0.0050	<0.0050	<0.025	<0.0050	<0.0050	0.0044J
QB-SB66	15	12/2/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.025	<0.0050	<0.0050	<0.0050
QB-SB66	20	12/2/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.025	<0.0050	<0.0050	<0.0050
QB-SB66	25	12/2/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.025	<0.0050	<0.0050	<0.0050
QB-SB66	30	12/2/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.025	<0.0050	<0.0050	<0.0050
QB-SB67	5	12/2/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.025	<0.0050	<0.0050	<0.0050
QB-SB67	10	12/2/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.025	<0.0050	<0.0050	<0.0050
QB-SB67	15	12/2/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.025	<0.0050	<0.0050	<0.0050
QB-SB67	20	12/2/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.025	<0.0050	<0.0050	<0.0050
QB-SB67	25	12/2/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.025	<0.0050	<0.0050	<0.0050
QB-SB67	30	12/2/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.025	<0.0050	<0.0050	<0.0050
QB-SB68	5	12/2/2008	<0.0050	<0.0050	<0.0050	0.0044J	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.025	<0.0050	<0.0050	<0.0050
QB-SB68	10	12/2/2008	0.046	<0.025	<0.025	<0.025	<0.025	0.34	<0.025	0.020J	0.011J	<0.025	<0.025	<0.12	<0.025	<0.025	0.043
QB-SB68	15	12/2/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.025	<0.0050	<0.0050	<0.0050
QB-SB68	20	12/2/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.025	<0.0050	<0.0050	0.0035J
QB-SB81	5	12/4/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.025	<0.0050	<0.0050	<0.0050
QB-SB87	5	12/4/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.025	<0.0050	<0.0050	<0.0050
QB-SB87	10	12/4/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.025	<0.0050	<0.0050	<0.0050
QB-SB87	15	12/4/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.025	<0.0050	<0.0050	<0.0050
QB-SB87	20	12/4/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.025	<0.0050	<0.0050	<0.0050
QB-SB88	5	12/4/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.025	<0.0050	<0.0050	<0.0050
QB-SB88	10	12/4/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.025	<0.0050	<0.0050	<0.0050
QB-SB88	15	12/4/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.025	<0.0050	<0.0050	<0.0050
QB-SB88	20	12/4/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.025	<0.0050	<0.0050	<0.0050
QB-SB89	5	12/4/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.025	<0.0050	<0.0050	<0.0050
QB-SB89	10	12/4/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.025	<0.0050	<0.0050	<0.0050
QB-SB89	15	12/4/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.025	<0.0050	<0.0050	<0.0050
QB-SB89	20	12/4/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.025	<0.0050	<0.0050	<0.0050
QB-SB90	5	12/4/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.025	<0.0050	<0.0050	<0.0050
QB-SB90	10	12/4/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.025	<0.0050	<0.0050	<0.0050

Table 2
Soil Analytical Results - Volatile Organic Compounds
Former Orcutt Refinery
1550 West Stowell Road

Sample Location	Depth	Date	trans-1,2-Dichloroethene	trans-1,3-Dichloropropene	Trichloroethene (TCE)	Trichlorofluoromethane	Trichlorotrifluoroethane	Vinyl Chloride	Xylenes (total)
QB-SB66	5	12/2/2008	<0.025	<0.025	<0.025	<0.025	-	<0.025	0.57
QB-SB66	10	12/2/2008	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	0.0068
QB-SB66	15	12/2/2008	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB66	20	12/2/2008	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB66	25	12/2/2008	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB66	30	12/2/2008	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB67	5	12/2/2008	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB67	10	12/2/2008	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB67	15	12/2/2008	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB67	20	12/2/2008	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB67	25	12/2/2008	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB67	30	12/2/2008	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB68	5	12/2/2008	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	0.16
QB-SB68	10	12/2/2008	<0.025	<0.025	<0.025	<0.025	-	<0.025	0.1
QB-SB68	15	12/2/2008	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB68	20	12/2/2008	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB81	5	12/4/2008	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB87	5	12/4/2008	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB87	10	12/4/2008	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB87	15	12/4/2008	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB87	20	12/4/2008	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB88	5	12/4/2008	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB88	10	12/4/2008	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB88	15	12/4/2008	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB88	20	12/4/2008	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB89	5	12/4/2008	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB89	10	12/4/2008	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB89	15	12/4/2008	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB89	20	12/4/2008	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB90	5	12/4/2008	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB90	10	12/4/2008	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050

Table 2
Soil Analytical Results - Volatile Organic Compounds
Former Orcutt Refinery
1550 West Stowell Road

Sample Location	Depth	Date	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	1,2-Dibromoethane (EDB)	1,2-Dichlorobenzene	1,2-Dichloroethane
QB-SB90	15	12/4/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB90	20	12/4/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB91	5	12/4/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB91	10	12/4/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB91	15	12/4/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB91	20	12/4/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB92	5	12/4/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB92	10	12/4/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB92	15	12/4/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB92	20	12/4/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB93	5	12/4/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB93	10	12/4/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB93	15	12/4/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB93	20	12/4/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB94	5	12/4/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB94	10	12/4/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB94	15	12/4/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB94	20	12/4/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-TP1	2.5	11/13/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-TP1	4	11/13/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	0.015	<0.0050	<0.0050	<0.0050	<0.0050
QB-TP1	10	11/13/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-TP2	2.5	11/13/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-TP2	5	11/13/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-TP2	10	11/13/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-TP3	3	11/13/2008	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	0.97	<0.025	<0.025	<0.025	<0.025
QB-TP3	12	11/13/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-TP4	10	11/13/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-TP5	2	11/13/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-TP5	3	11/13/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	0.028	<0.0050	<0.0050	<0.0050	<0.0050
QB-TP5	11	11/13/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-TP6	10	11/13/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050

Table 2
Soil Analytical Results - Volatile Organic Compounds
Former Orcutt Refinery
1550 West Stowell Road

Sample Location	Depth	Date	1,2-Dichloropropane	1,3,5-Trimethylbenzene	1,3-Dichlorobenzene	1,3-Dichloropropane	1,4-Dichlorobenzene	2,2-Dichloropropane	2-Butanone	2-Chloroethylvinyl ether	2-Chlorotoluene	4-Chlorotoluene	4-Isopropyl Toluene	Benzene	Bromobenzene	Bromochloromethane	Bromodichloromethane
QB-SB90	15	12/4/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB90	20	12/4/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB91	5	12/4/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB91	10	12/4/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB91	15	12/4/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB91	20	12/4/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB92	5	12/4/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB92	10	12/4/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB92	15	12/4/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB92	20	12/4/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB93	5	12/4/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB93	10	12/4/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB93	15	12/4/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB93	20	12/4/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB94	5	12/4/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB94	10	12/4/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB94	15	12/4/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-SB94	20	12/4/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-TP1	2.5	11/13/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-TP1	4	11/13/2008	<0.0050	0.01	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	<0.0050	<0.0050	<0.0050	0.16	<0.0050	<0.0050	<0.0050	<0.0050
QB-TP1	10	11/13/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-TP2	2.5	11/13/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-TP2	5	11/13/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-TP2	10	11/13/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-TP3	3	11/13/2008	<0.025	0.26	<0.025	<0.025	<0.025	<0.025	<0.50	<0.025	<0.025	<0.025	0.15	**0.24**	<0.025	<0.025	<0.025
QB-TP3	12	11/13/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-TP4	10	11/13/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-TP5	2	11/13/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-TP5	3	11/13/2008	<0.0050	0.0083	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	<0.0050	<0.0050	<0.0050	0.0036J	<0.0050	<0.0050	<0.0050	<0.0050
QB-TP5	11	11/13/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-TP6	10	11/13/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050

Table 2
Soil Analytical Results - Volatile Organic Compounds
Former Orcutt Refinery
1550 West Stowell Road

Sample Location	Depth	Date	Bromoform	Bromomethane	Carbon tetrachloride	Chlorobenzene	Chloroethane	Chloroform	Chloromethane	cis-1,2-Dichloroethene	cis-1,3-Dichloropropene	Dibromochloromethane	Dibromomethane	Dichlorodifluoromethane	Dichlorotrifluoroethane	Diisopropyl Ether	Ethyl t-Butyl Ether
QB-SB90	15	12/4/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB90	20	12/4/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB91	5	12/4/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB91	10	12/4/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB91	15	12/4/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB91	20	12/4/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB92	5	12/4/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB92	10	12/4/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB92	15	12/4/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB92	20	12/4/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB93	5	12/4/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB93	10	12/4/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB93	15	12/4/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB93	20	12/4/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB94	5	12/4/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB94	10	12/4/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB94	15	12/4/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB94	20	12/4/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-TP1	2.5	11/13/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-TP1	4	11/13/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-TP1	10	11/13/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-TP2	2.5	11/13/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-TP2	5	11/13/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-TP2	10	11/13/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-TP3	3	11/13/2008	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	-	<0.025	<0.025
QB-TP3	12	11/13/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-TP4	10	11/13/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-TP5	2	11/13/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-TP5	3	11/13/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-TP5	11	11/13/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-TP6	10	11/13/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050

Table 2
Soil Analytical Results - Volatile Organic Compounds
Former Orcutt Refinery
1550 West Stowell Road

Sample Location	Depth	Date	Ethylbenzene	Hexachlorobutadiene	Isopropylbenzene	Methylene Chloride	Methyl-t-butyl ether	Naphthalene	n-Butylbenzene	n-Propylbenzene	sec-Butylbenzene	Styrene	t-Amyl Methyl Ether	t-Butyl alcohol	tert-Butylbenzene	Tetrachloroethene (PCE)	Toluene
QB-SB90	15	12/4/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.025	<0.0050	<0.0050	<0.0050
QB-SB90	20	12/4/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.025	<0.0050	<0.0050	<0.0050
QB-SB91	5	12/4/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.025	<0.0050	<0.0050	<0.0050
QB-SB91	10	12/4/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.025	<0.0050	<0.0050	<0.0050
QB-SB91	15	12/4/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.025	<0.0050	<0.0050	<0.0050
QB-SB91	20	12/4/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.025	<0.0050	<0.0050	<0.0050
QB-SB92	5	12/4/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.025	<0.0050	<0.0050	<0.0050
QB-SB92	10	12/4/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.025	<0.0050	<0.0050	<0.0050
QB-SB92	15	12/4/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.025	<0.0050	<0.0050	<0.0050
QB-SB92	20	12/4/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.025	<0.0050	<0.0050	<0.0050
QB-SB93	5	12/4/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.025	<0.0050	<0.0050	<0.0050
QB-SB93	10	12/4/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.025	<0.0050	<0.0050	<0.0050
QB-SB93	15	12/4/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.025	<0.0050	<0.0050	<0.0050
QB-SB93	20	12/4/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.025	<0.0050	<0.0050	<0.0050
QB-SB94	5	12/4/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.025	<0.0050	<0.0050	<0.0050
QB-SB94	10	12/4/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.025	<0.0050	<0.0050	<0.0050
QB-SB94	15	12/4/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.025	<0.0050	<0.0050	<0.0050
QB-SB94	20	12/4/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.025	<0.0050	<0.0050	<0.0050
QB-TP1	2.5	11/13/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.025	<0.0050	<0.0050	<0.0050
QB-TP1	4	11/13/2008	0.047	<0.0050	0.038	<0.0050	<0.0050	<0.0050	0.14	0.12	0.091	<0.0050	<0.0050	<0.025	<0.0050	<0.0050	0.0019J
QB-TP1	10	11/13/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.025	<0.0050	<0.0050	<0.0050
QB-TP2	2.5	11/13/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.025	<0.0050	<0.0050	<0.0050
QB-TP2	5	11/13/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.025	<0.0050	<0.0050	<0.0050
QB-TP2	10	11/13/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.025	<0.0050	<0.0050	<0.0050
QB-TP3	3	11/13/2008	0.7	<0.025	0.13	<0.025	<0.025	0.62	<0.025	0.23	0.082	<0.025	<0.025	<0.12	<0.025	<0.025	0.17
QB-TP3	12	11/13/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.025	<0.0050	<0.0050	<0.0050
QB-TP4	10	11/13/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.025	<0.0050	<0.0050	<0.0050
QB-TP5	2	11/13/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.025	<0.0050	<0.0050	<0.0050
QB-TP5	3	11/13/2008	0.0082	<0.0050	0.0026J	<0.0050	<0.0050	0.033	<0.0050	0.019	0.021	<0.0050	<0.0050	<0.025	<0.0050	<0.0050	0.0057
QB-TP5	11	11/13/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.025	<0.0050	<0.0050	<0.0050
QB-TP6	10	11/13/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.025	<0.0050	<0.0050	<0.0050

Table 2
Soil Analytical Results - Volatile Organic Compounds
Former Orcutt Refinery
1550 West Stowell Road

Sample Location	Depth	Date	trans-1,2-Dichloroethene	trans-1,3-Dichloropropene	Trichloroethene (TCE)	Trichlorofluoromethane	Trichlorotrifluoroethane	Vinyl Chloride	Xylenes (total)
QB-SB90	15	12/4/2008	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB90	20	12/4/2008	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB91	5	12/4/2008	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB91	10	12/4/2008	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB91	15	12/4/2008	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB91	20	12/4/2008	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB92	5	12/4/2008	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB92	10	12/4/2008	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB92	15	12/4/2008	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB92	20	12/4/2008	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB93	5	12/4/2008	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB93	10	12/4/2008	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB93	15	12/4/2008	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB93	20	12/4/2008	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB94	5	12/4/2008	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB94	10	12/4/2008	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB94	15	12/4/2008	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-SB94	20	12/4/2008	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-TP1	2.5	11/13/2008	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-TP1	4	11/13/2008	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	0.11
QB-TP1	10	11/13/2008	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-TP2	2.5	11/13/2008	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-TP2	5	11/13/2008	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-TP2	10	11/13/2008	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-TP3	3	11/13/2008	<0.025	<0.025	<0.025	<0.025	-	<0.025	1.3
QB-TP3	12	11/13/2008	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-TP4	10	11/13/2008	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-TP5	2	11/13/2008	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-TP5	3	11/13/2008	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	0.03
QB-TP5	11	11/13/2008	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-TP6	10	11/13/2008	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050

Table 2
Soil Analytical Results - Volatile Organic Compounds
Former Orcutt Refinery
1550 West Stowell Road

Sample Location	Depth	Date	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	1,2-Dibromoethane (EDB)	1,2-Dichlorobenzene	1,2-Dichloroethane
QB-TP7	8	11/13/2008	<0.12	<0.12	<0.12	<0.12	<0.12	<0.12	<0.12	<0.12	<0.12	<0.12	0.11J	<0.12	<0.12	<0.12	<0.12
QB-TP8	10	11/14/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-TP9	5.5	11/14/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-TP9	12	11/14/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-TP10	5	11/14/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-TP10	10	11/14/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-TP11	10	11/14/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QC-SB/TP1	5	12/8/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QC-SB/TP1	10	12/10/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QC-SB/TP1	15	12/10/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QC-SB/TP2	5	12/8/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QC-SB/TP2	10	12/10/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QC-SB/TP2	15	12/10/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QC-SB/TP3	5	12/8/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QC-SB/TP3	10	12/10/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QC-SB/TP3	15	12/10/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QC-SB/TP4	5	12/8/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QC-SB/TP4	10	12/9/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QC-SB/TP4	15	12/9/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QC-SB/TP5	6	12/8/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QC-SB/TP5	9	12/10/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QC-SB/TP5	10	12/10/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QC-SB/TP5	15	12/10/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QC-SB/TP5	20	12/10/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QC-SB/TP6	5	12/8/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QC-SB/TP6	10	12/10/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QC-SB/TP6	15	12/10/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QC-SB/TP7	5	12/8/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QC-SB/TP7	10	12/10/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QC-SB/TP7	15	12/10/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QC-SB/TP7	20	12/10/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050

Table 2
Soil Analytical Results - Volatile Organic Compounds
Former Orcutt Refinery
1550 West Stowell Road

Sample Location	Depth	Date	1,2-Dichloropropane	1,3,5-Trimethylbenzene	1,3-Dichlorobenzene	1,3-Dichloropropane	1,4-Dichlorobenzene	2,2-Dichloropropane	2-Butanone	2-Chloroethylvinyl ether	2-Chlorotoluene	4-Chlorotoluene	4-Isopropyl Toluene	Benzene	Bromobenzene	Bromochloromethane	Bromodichloromethane
QB-TP7	8	11/13/2008	<0.12	<0.12	<0.12	<0.12	<0.12	<0.12	<2.5	<0.12	<0.12	<0.12	<0.12	<0.12	<0.12	<0.12	<0.12
QB-TP8	10	11/14/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-TP9	5.5	11/14/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-TP9	12	11/14/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-TP10	5	11/14/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	<0.0050	<0.0050	<0.0050	0.0065	<0.0050	<0.0050	<0.0050	<0.0050
QB-TP10	10	11/14/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QB-TP11	10	11/14/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QC-SB/TP1	5	12/8/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QC-SB/TP1	10	12/10/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QC-SB/TP1	15	12/10/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QC-SB/TP2	5	12/8/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QC-SB/TP2	10	12/10/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QC-SB/TP2	15	12/10/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QC-SB/TP3	5	12/8/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QC-SB/TP3	10	12/10/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QC-SB/TP3	15	12/10/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QC-SB/TP4	5	12/8/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QC-SB/TP4	10	12/9/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QC-SB/TP4	15	12/9/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QC-SB/TP5	6	12/8/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QC-SB/TP5	9	12/10/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QC-SB/TP5	10	12/10/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QC-SB/TP5	15	12/10/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QC-SB/TP5	20	12/10/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QC-SB/TP6	5	12/8/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QC-SB/TP6	10	12/10/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QC-SB/TP6	15	12/10/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QC-SB/TP7	5	12/8/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QC-SB/TP7	10	12/10/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QC-SB/TP7	15	12/10/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QC-SB/TP7	20	12/10/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050

Table 2
Soil Analytical Results - Volatile Organic Compounds
Former Orcutt Refinery
1550 West Stowell Road

Sample Location	Depth	Date	Bromoform	Bromomethane	Carbon tetrachloride	Chlorobenzene	Chloroethane	Chloroform	Chloromethane	cis-1,2-Dichloroethene	cis-1,3-Dichloropropene	Dibromochloromethane	Dibromomethane	Dichlorodifluoromethane	Dichlorotrifluoroethane	Diisopropyl Ether	Ethyl t-Butyl Ether
QB-TP7	8	11/13/2008	<0.12	<0.12	<0.12	<0.12	<0.12	<0.12	<0.12	<0.12	<0.12	<0.12	<0.12	<0.12	-	<0.12	<0.12
QB-TP8	10	11/14/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-TP9	5.5	11/14/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-TP9	12	11/14/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-TP10	5	11/14/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-TP10	10	11/14/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-TP11	10	11/14/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QC-SB/TP1	5	12/8/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QC-SB/TP1	10	12/10/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QC-SB/TP1	15	12/10/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QC-SB/TP2	5	12/8/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QC-SB/TP2	10	12/10/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QC-SB/TP2	15	12/10/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QC-SB/TP3	5	12/8/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QC-SB/TP3	10	12/10/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QC-SB/TP3	15	12/10/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QC-SB/TP4	5	12/8/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QC-SB/TP4	10	12/9/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QC-SB/TP4	15	12/9/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QC-SB/TP5	6	12/8/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QC-SB/TP5	9	12/10/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QC-SB/TP5	10	12/10/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QC-SB/TP5	15	12/10/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QC-SB/TP5	20	12/10/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QC-SB/TP6	5	12/8/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QC-SB/TP6	10	12/10/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QC-SB/TP6	15	12/10/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QC-SB/TP7	5	12/8/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QC-SB/TP7	10	12/10/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QC-SB/TP7	15	12/10/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QC-SB/TP7	20	12/10/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050

Table 2
Soil Analytical Results - Volatile Organic Compounds
Former Orcutt Refinery
1550 West Stowell Road

Sample Location	Depth	Date	Ethylbenzene	Hexachlorobutadiene	Isopropylbenzene	Methylene Chloride	Methyl-t-butyl ether	Naphthalene	n-Butylbenzene	n-Propylbenzene	sec-Butylbenzene	Styrene	t-Amyl Methyl Ether	t-Butyl alcohol	tert-Butylbenzene	Tetrachloroethene (PCE)	Toluene
QB-TP7	8	11/13/2008	0.056J	<0.12	<0.12	0.051J	<0.12	0.16	<0.12	<0.12	<0.12	<0.12	<0.12	<0.62	<0.12	<0.12	0.055J
QB-TP8	10	11/14/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.025	<0.0050	<0.0050	<0.0050
QB-TP9	5.5	11/14/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.025	<0.0050	<0.0050	<0.0050
QB-TP9	12	11/14/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.025	<0.0050	<0.0050	<0.0050
QB-TP10	5	11/14/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	0.0039J	<0.0050	0.0033J	<0.0050	<0.0050	<0.025	<0.0050	<0.0050	<0.0050
QB-TP10	10	11/14/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.025	<0.0050	<0.0050	<0.0050
QB-TP11	10	11/14/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.025	<0.0050	<0.0050	<0.0050
QC-SB/TP1	5	12/8/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.025	<0.0050	<0.0050	<0.0050
QC-SB/TP1	10	12/10/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.025	<0.0050	<0.0050	<0.0050
QC-SB/TP1	15	12/10/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.025	<0.0050	<0.0050	<0.0050
QC-SB/TP2	5	12/8/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.025	<0.0050	<0.0050	<0.0050
QC-SB/TP2	10	12/10/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.025	<0.0050	<0.0050	<0.0050
QC-SB/TP2	15	12/10/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.025	<0.0050	<0.0050	<0.0050
QC-SB/TP3	5	12/8/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.025	<0.0050	<0.0050	<0.0050
QC-SB/TP3	10	12/10/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.025	<0.0050	<0.0050	<0.0050
QC-SB/TP3	15	12/10/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.025	<0.0050	<0.0050	<0.0050
QC-SB/TP4	5	12/8/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.025	<0.0050	<0.0050	<0.0050
QC-SB/TP4	10	12/9/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.025	<0.0050	<0.0050	<0.0050
QC-SB/TP4	15	12/9/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.025	<0.0050	<0.0050	<0.0050
QC-SB/TP5	6	12/8/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.025	<0.0050	<0.0050	<0.0050
QC-SB/TP5	9	12/10/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.025	<0.0050	<0.0050	<0.0050
QC-SB/TP5	10	12/10/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.025	<0.0050	<0.0050	<0.0050
QC-SB/TP5	15	12/10/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.025	<0.0050	<0.0050	<0.0050
QC-SB/TP5	20	12/10/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.025	<0.0050	<0.0050	<0.0050
QC-SB/TP6	5	12/8/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.025	<0.0050	<0.0050	<0.0050
QC-SB/TP6	10	12/10/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.025	<0.0050	<0.0050	<0.0050
QC-SB/TP6	15	12/10/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.025	<0.0050	<0.0050	<0.0050
QC-SB/TP7	5	12/8/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.025	<0.0050	<0.0050	<0.0050
QC-SB/TP7	10	12/10/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.025	<0.0050	<0.0050	<0.0050
QC-SB/TP7	15	12/10/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.025	<0.0050	<0.0050	<0.0050
QC-SB/TP7	20	12/10/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.025	<0.0050	<0.0050	<0.0050

Table 2
Soil Analytical Results - Volatile Organic Compounds
Former Orcutt Refinery
1550 West Stowell Road

Sample Location	Depth	Date	trans-1,2-Dichloroethene	trans-1,3-Dichloropropene	Trichloroethene (TCE)	Trichlorofluoromethane	Trichlorotrifluoroethane	Vinyl Chloride	Xylenes (total)
QB-TP7	8	11/13/2008	<0.12	<0.12	<0.12	<0.12	-	<0.12	0.17
QB-TP8	10	11/14/2008	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-TP9	5.5	11/14/2008	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-TP9	12	11/14/2008	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-TP10	5	11/14/2008	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-TP10	10	11/14/2008	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QB-TP11	10	11/14/2008	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QC-SB/TP1	5	12/8/2008	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QC-SB/TP1	10	12/10/2008	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QC-SB/TP1	15	12/10/2008	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QC-SB/TP2	5	12/8/2008	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QC-SB/TP2	10	12/10/2008	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QC-SB/TP2	15	12/10/2008	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QC-SB/TP3	5	12/8/2008	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QC-SB/TP3	10	12/10/2008	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QC-SB/TP3	15	12/10/2008	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QC-SB/TP4	5	12/8/2008	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QC-SB/TP4	10	12/9/2008	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QC-SB/TP4	15	12/9/2008	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QC-SB/TP5	6	12/8/2008	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QC-SB/TP5	9	12/10/2008	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QC-SB/TP5	10	12/10/2008	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QC-SB/TP5	15	12/10/2008	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QC-SB/TP5	20	12/10/2008	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QC-SB/TP6	5	12/8/2008	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QC-SB/TP6	10	12/10/2008	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QC-SB/TP6	15	12/10/2008	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QC-SB/TP7	5	12/8/2008	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QC-SB/TP7	10	12/10/2008	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QC-SB/TP7	15	12/10/2008	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QC-SB/TP7	20	12/10/2008	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050

Table 2
Soil Analytical Results - Volatile Organic Compounds
Former Orcutt Refinery
1550 West Stowell Road

Sample Location	Depth	Date	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	1,2-Dibromoethane (EDB)	1,2-Dichlorobenzene	1,2-Dichloroethane
QC-SB/TP8	5	12/8/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QC-SB/TP8	10	12/10/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QC-SB/TP8	15	12/10/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QC-SB/TP9	5	12/8/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QC-SB/TP9	10	12/10/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QC-SB/TP9	15	12/10/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QC-SB/TP9	20	12/10/2008	<0.0050	<0.0050	0.025	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QC-SB/TP10	5	12/8/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QC-SB/TP10	10	12/10/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QC-SB/TP10	15	12/10/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QC-SB/TP11	5	12/8/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QC-SB/TP11	10	12/10/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QC-SB/TP11	15	12/10/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QC-SB/TP12	5	12/8/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QC-SB/TP12	9	12/10/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QC-SB/TP12	10	12/10/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QC-SB/TP12	15	12/10/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QC-SB/TP12	20	12/10/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QC-SB/TP13	4	12/8/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QC-SB/TP13	10	12/10/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QC-SB/TP13	15	12/10/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QC-SB/TP14	10	12/9/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QC-SB/TP14	12.5	12/9/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QC-SB/TP14	15	12/9/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QC-SB/TP14	20	12/9/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QC-SB/TP14	25	12/9/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QC-SB/TP15	10	12/9/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QC-SB/TP15	15	12/9/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050

Table 2
Soil Analytical Results - Volatile Organic Compounds
Former Orcutt Refinery
1550 West Stowell Road

Sample Location	Depth	Date	1,2-Dichloropropane	1,3,5-Trimethylbenzene	1,3-Dichlorobenzene	1,3-Dichloropropane	1,4-Dichlorobenzene	2,2-Dichloropropane	2-Butanone	2-Chloroethylvinyl ether	2-Chlorotoluene	4-Chlorotoluene	4-Isopropyl Toluene	Benzene	Bromobenzene	Bromochloromethane	Bromodichloromethane
QC-SB/TP8	5	12/8/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QC-SB/TP8	10	12/10/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QC-SB/TP8	15	12/10/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QC-SB/TP9	5	12/8/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QC-SB/TP9	10	12/10/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QC-SB/TP9	15	12/10/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QC-SB/TP9	20	12/10/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QC-SB/TP10	5	12/8/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QC-SB/TP10	10	12/10/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QC-SB/TP10	15	12/10/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QC-SB/TP11	5	12/8/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QC-SB/TP11	10	12/10/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QC-SB/TP11	15	12/10/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QC-SB/TP12	5	12/8/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QC-SB/TP12	9	12/10/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QC-SB/TP12	10	12/10/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QC-SB/TP12	15	12/10/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QC-SB/TP12	20	12/10/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QC-SB/TP13	4	12/8/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QC-SB/TP13	10	12/10/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QC-SB/TP13	15	12/10/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QC-SB/TP14	10	12/9/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QC-SB/TP14	12.5	12/9/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QC-SB/TP14	15	12/9/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QC-SB/TP14	20	12/9/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QC-SB/TP14	25	12/9/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QC-SB/TP15	10	12/9/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QC-SB/TP15	15	12/9/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050

Table 2
Soil Analytical Results - Volatile Organic Compounds
Former Orcutt Refinery
1550 West Stowell Road

Sample Location	Depth	Date	Bromoform	Bromomethane	Carbon tetrachloride	Chlorobenzene	Chloroethane	Chloroform	Chloromethane	cis-1,2-Dichloroethene	cis-1,3-Dichloropropene	Dibromochloromethane	Dibromomethane	Dichlorodifluoromethane	Dichlorotrifluoroethane	Diisopropyl Ether	Ethyl t-Butyl Ether
QC-SB/TP8	5	12/8/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QC-SB/TP8	10	12/10/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QC-SB/TP8	15	12/10/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QC-SB/TP9	5	12/8/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QC-SB/TP9	10	12/10/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QC-SB/TP9	15	12/10/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QC-SB/TP9	20	12/10/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QC-SB/TP10	5	12/8/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QC-SB/TP10	10	12/10/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QC-SB/TP10	15	12/10/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QC-SB/TP11	5	12/8/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QC-SB/TP11	10	12/10/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QC-SB/TP11	15	12/10/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QC-SB/TP12	5	12/8/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QC-SB/TP12	9	12/10/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QC-SB/TP12	10	12/10/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QC-SB/TP12	15	12/10/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QC-SB/TP12	20	12/10/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QC-SB/TP13	4	12/8/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QC-SB/TP13	10	12/10/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QC-SB/TP13	15	12/10/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QC-SB/TP14	10	12/9/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QC-SB/TP14	12.5	12/9/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QC-SB/TP14	15	12/9/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QC-SB/TP14	20	12/9/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QC-SB/TP14	25	12/9/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QC-SB/TP15	10	12/9/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QC-SB/TP15	15	12/9/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050

Table 2
Soil Analytical Results - Volatile Organic Compounds
Former Orcutt Refinery
1550 West Stowell Road

Sample Location	Depth	Date	Ethylbenzene	Hexachlorobutadiene	Isopropylbenzene	Methylene Chloride	Methyl-t-butyl ether	Naphthalene	n-Butylbenzene	n-Propylbenzene	sec-Butylbenzene	Styrene	t-Amyl Methyl Ether	t-Butyl alcohol	tert-Butylbenzene	Tetrachloroethene (PCE)	Toluene
QC-SB/TP8	5	12/8/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.025	<0.0050	<0.0050	<0.0050
QC-SB/TP8	10	12/10/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.025	<0.0050	<0.0050	<0.0050
QC-SB/TP8	15	12/10/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.025	<0.0050	<0.0050	<0.0050
QC-SB/TP9	5	12/8/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.025	<0.0050	<0.0050	<0.0050
QC-SB/TP9	10	12/10/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.025	<0.0050	<0.0050	<0.0050
QC-SB/TP9	15	12/10/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.025	<0.0050	<0.0050	0.0024J
QC-SB/TP9	20	12/10/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.025	<0.0050	<0.0050	<0.0050
QC-SB/TP10	5	12/8/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.025	<0.0050	<0.0050	<0.0050
QC-SB/TP10	10	12/10/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.025	<0.0050	<0.0050	<0.0050
QC-SB/TP10	15	12/10/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.025	<0.0050	<0.0050	<0.0050
QC-SB/TP11	5	12/8/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.025	<0.0050	<0.0050	<0.0050
QC-SB/TP11	10	12/10/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.025	<0.0050	<0.0050	<0.0050
QC-SB/TP11	15	12/10/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.025	<0.0050	<0.0050	<0.0050
QC-SB/TP12	5	12/8/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.025	<0.0050	<0.0050	<0.0050
QC-SB/TP12	9	12/10/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.025	<0.0050	<0.0050	<0.0050
QC-SB/TP12	10	12/10/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.025	<0.0050	<0.0050	<0.0050
QC-SB/TP12	15	12/10/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.025	<0.0050	<0.0050	<0.0050
QC-SB/TP12	20	12/10/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.025	<0.0050	<0.0050	<0.0050
QC-SB/TP13	4	12/8/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.025	<0.0050	<0.0050	<0.0050
QC-SB/TP13	10	12/10/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.025	<0.0050	<0.0050	<0.0050
QC-SB/TP13	15	12/10/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.025	<0.0050	<0.0050	<0.0050
QC-SB/TP14	10	12/9/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.025	<0.0050	<0.0050	<0.0050
QC-SB/TP14	12.5	12/9/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.025	<0.0050	<0.0050	<0.0050
QC-SB/TP14	15	12/9/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.025	<0.0050	<0.0050	<0.0050
QC-SB/TP14	20	12/9/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.025	<0.0050	<0.0050	<0.0050
QC-SB/TP14	25	12/9/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.025	<0.0050	<0.0050	<0.0050
QC-SB/TP15	10	12/9/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.025	<0.0050	<0.0050	<0.0050
QC-SB/TP15	15	12/9/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.025	<0.0050	<0.0050	<0.0050

Table 2
Soil Analytical Results - Volatile Organic Compounds
Former Orcutt Refinery
1550 West Stowell Road

Sample Location	Depth	Date	trans-1,2-Dichloroethene	trans-1,3-Dichloropropene	Trichloroethene (TCE)	Trichlorofluoromethane	Trichlorotrifluoroethane	Vinyl Chloride	Xylenes (total)
QC-SB/TP8	5	12/8/2008	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QC-SB/TP8	10	12/10/2008	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QC-SB/TP8	15	12/10/2008	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QC-SB/TP9	5	12/8/2008	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QC-SB/TP9	10	12/10/2008	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QC-SB/TP9	15	12/10/2008	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QC-SB/TP9	20	12/10/2008	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QC-SB/TP10	5	12/8/2008	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QC-SB/TP10	10	12/10/2008	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QC-SB/TP10	15	12/10/2008	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QC-SB/TP11	5	12/8/2008	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QC-SB/TP11	10	12/10/2008	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QC-SB/TP11	15	12/10/2008	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QC-SB/TP12	5	12/8/2008	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QC-SB/TP12	9	12/10/2008	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QC-SB/TP12	10	12/10/2008	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QC-SB/TP12	15	12/10/2008	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QC-SB/TP12	20	12/10/2008	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QC-SB/TP13	4	12/8/2008	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QC-SB/TP13	10	12/10/2008	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QC-SB/TP13	15	12/10/2008	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QC-SB/TP14	10	12/9/2008	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QC-SB/TP14	12.5	12/9/2008	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QC-SB/TP14	15	12/9/2008	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QC-SB/TP14	20	12/9/2008	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QC-SB/TP14	25	12/9/2008	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QC-SB/TP15	10	12/9/2008	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QC-SB/TP15	15	12/9/2008	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050

Table 2
Soil Analytical Results - Volatile Organic Compounds
Former Orcutt Refinery
1550 West Stowell Road

Sample Location	Depth	Date	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	1,2-Dibromoethane (EDB)	1,2-Dichlorobenzene	1,2-Dichloroethane
QC-SB/TP15	20	12/9/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QC-SB/TP16	4.5	12/9/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QC-SB/TP16	10	12/9/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QC-SB/TP16	15	12/9/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
GP11	45	7/22/2011	<0.044	<0.044	<0.044	<0.044	<0.044	<0.044	<0.044	<0.044	<0.044	<0.044	<0.044	<0.044	<0.044	<0.044	<0.044
TR3b	2	7/6/2011	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	5.6	<0.50	<0.50	<0.50	<0.50
TR5b	5	7/7/2011	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
TR6b	5	7/7/2011	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	3.2	<0.50	<0.50	<0.50	<0.50
TR7c	2	7/8/2011	<0.50	<0.50	5.4	<0.50	<0.50	<0.50	<0.50	<0.50	6.4	<0.50	13	5.6	**1**	<0.50	<0.50
TR9g	5	7/11/2011	<0.047	<0.047	<0.047	<0.047	<0.047	<0.047	<0.047	<0.047	<0.047	<0.047	<0.047	<0.047	<0.047	<0.047	<0.047
TR11c	14	7/13/2011	<0.045	<0.045	0.56	<0.045	<0.045	<0.045	<0.045	<0.045	<0.045	<0.045	<0.045	<0.045	<0.045	<0.045	<0.045
MW11	56	8/2/2011	<0.047	<0.047	<0.047	<0.047	<0.047	<0.047	<0.047	<0.047	<0.047	<0.047	**260**	<0.047	<0.047	<0.047	<0.047
MW11	81	8/2/2011	<0.047	<0.047	<0.047	<0.047	<0.047	<0.047	<0.047	<0.047	<0.047	<0.047	0.94	<0.047	<0.047	<0.047	<0.047
HA031	2	1/28/2013	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049
HA032	2	1/28/2013	<0.0051	<0.0051	<0.0051	<0.0051	<0.0051	<0.0051	<0.0051	<0.0051	<0.0051	<0.0051	<0.0051	<0.0051	<0.0051	<0.0051	<0.0051
HA033	2	1/28/2013	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
HA034	2	1/28/2013	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
HA035	2	1/28/2013	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049
HA036	2	1/28/2013	<0.024	<0.024	<0.024	<0.024	<0.024	<0.024	<0.024	<0.024	<0.024	<0.024	<0.024	<0.024	<0.024	<0.024	<0.024
HA037	5	1/28/2013	<0.0051	<0.0051	<0.0051	<0.0051	<0.0051	<0.0051	<0.0051	<0.0051	<0.0051	<0.0051	<0.0051	<0.0051	<0.0051	<0.0051	<0.0051
HA038	2	1/28/2013	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049
HA038	5	1/28/2013	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
HA039	2	1/28/2013	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
HA039	5	1/28/2013	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
HA040	2	1/28/2013	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048
HA040	5	1/28/2013	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049
HA041	2	1/28/2013	<0.024	<0.024	<0.024	<0.024	<0.024	<0.024	<0.024	<0.024	<0.024	<0.024	<0.024	<0.024	<0.024	<0.024	<0.024
HA041	5	1/28/2013	<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
HA042	2	1/29/2013	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
HA042	5	1/29/2013	<0.24	<0.24	<0.24	<0.24	<0.24	<0.24	<0.24	<0.24	<0.24	<0.24	0.27	<0.24	<0.24	<0.24	<0.24
HA043	2	1/29/2013	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050

Table 2
Soil Analytical Results - Volatile Organic Compounds
Former Orcutt Refinery
1550 West Stowell Road

Sample Location	Depth	Date	1,2-Dichloropropane	1,3,5-Trimethylbenzene	1,3-Dichlorobenzene	1,3-Dichloropropane	1,4-Dichlorobenzene	2,2-Dichloropropane	2-Butanone	2-Chloroethylvinyl ether	2-Chlorotoluene	4-Chlorotoluene	4-Isopropyl Toluene	Benzene	Bromobenzene	Bromochloromethane	Bromodichloromethane
QC-SB/TP15	20	12/9/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QC-SB/TP16	4.5	12/9/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QC-SB/TP16	10	12/9/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
QC-SB/TP16	15	12/9/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
GP11	45	7/22/2011	<0.044	<0.044	<0.044	<0.044	<0.044	<0.044	-	-	<0.044	<0.044	<0.044	<0.044	<0.044	<0.044	<0.044
TR3b	2	7/6/2011	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	-	-	<0.50	<0.50	<0.50	**3.9**	<0.50	<0.50	<0.50
TR5b	5	7/7/2011	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	-	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
TR6b	5	7/7/2011	<0.50	0.86	<0.50	<0.50	<0.50	<0.50	-	-	<0.50	<0.50	0.7	<0.50	<0.50	<0.50	<0.50
TR7c	2	7/8/2011	<0.50	3.1	<0.50	<0.50	<0.50	<0.50	-	-	15	7.9	4.1	<0.50	<0.50	<0.50	0.52
TR9g	5	7/11/2011	<0.047	<0.047	<0.047	<0.047	<0.047	<0.047	-	-	<0.047	<0.047	<0.047	<0.047	<0.047	<0.047	<0.047
TR11c	14	7/13/2011	<0.045	<0.045	<0.045	<0.045	<0.045	<0.045	-	-	<0.045	<0.045	<0.045	<0.045	<0.045	<0.045	<0.045
MW11	56	8/2/2011	<0.047	**80**	<0.047	<0.047	<0.047	<0.047	-	-	<0.047	<0.047	55	<0.047	<0.047	<0.047	<0.047
MW11	81	8/2/2011	<0.047	0.066	<0.047	<0.047	<0.047	<0.047	-	-	<0.047	<0.047	0.059	<0.047	<0.047	<0.047	<0.047
HA031	2	1/28/2013	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	-	-	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049
HA032	2	1/28/2013	<0.0051	<0.0051	<0.0051	<0.0051	<0.0051	<0.0051	-	-	<0.0051	<0.0051	<0.0051	<0.0051	<0.0051	<0.0051	<0.0051
HA033	2	1/28/2013	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	-	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
HA034	2	1/28/2013	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	-	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
HA035	2	1/28/2013	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	-	-	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049
HA036	2	1/28/2013	<0.024	<0.024	<0.024	<0.024	<0.024	<0.024	-	-	<0.024	<0.024	<0.024	<0.024	<0.024	<0.024	<0.024
HA037	5	1/28/2013	<0.0051	<0.0051	<0.0051	<0.0051	<0.0051	<0.0051	-	-	<0.0051	<0.0051	<0.0051	<0.0051	<0.0051	<0.0051	<0.0051
HA038	2	1/28/2013	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	-	-	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049
HA038	5	1/28/2013	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	-	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
HA039	2	1/28/2013	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	-	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
HA039	5	1/28/2013	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	-	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
HA040	2	1/28/2013	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	-	-	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048
HA040	5	1/28/2013	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	-	-	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049
HA041	2	1/28/2013	<0.024	<0.024	<0.024	<0.024	<0.024	<0.024	-	-	<0.024	<0.024	<0.024	<0.024	<0.024	<0.024	<0.024
HA041	5	1/28/2013	<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
HA042	2	1/29/2013	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	-	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
HA042	5	1/29/2013	<0.24	<0.24	<0.24	<0.24	<0.24	<0.24	-	-	<0.24	<0.24	<0.24	<0.24	<0.24	<0.24	<0.24
HA043	2	1/29/2013	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	-	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050

Table 2
Soil Analytical Results - Volatile Organic Compounds
Former Orcutt Refinery
1550 West Stowell Road

Sample Location	Depth	Date	Bromoform	Bromomethane	Carbon tetrachloride	Chlorobenzene	Chloroethane	Chloroform	Chloromethane	cis-1,2-Dichloroethene	cis-1,3-Dichloropropene	Dibromochloromethane	Dibromomethane	Dichlorodifluoromethane	Dichlorotrifluoroethane	Diisopropyl Ether	Ethyl t-Butyl Ether
QC-SB/TP15	20	12/9/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QC-SB/TP16	4.5	12/9/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QC-SB/TP16	10	12/9/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QC-SB/TP16	15	12/9/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
GP11	45	7/22/2011	<0.044	<0.044	<0.044	<0.044	<0.044	<0.044	<0.044	<0.044	<0.044	<0.044	<0.044	<0.044	-	-	-
TR3b	2	7/6/2011	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	-	-	-
TR5b	5	7/7/2011	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	-	-
TR6b	5	7/7/2011	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	-	-	-
TR7c	2	7/8/2011	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	-	-	-
TR9g	5	7/11/2011	<0.047	<0.047	<0.047	<0.047	<0.047	<0.047	<0.047	<0.047	<0.047	<0.047	<0.047	<0.047	-	-	-
TR11c	14	7/13/2011	<0.045	<0.045	<0.045	<0.045	<0.045	<0.045	<0.045	<0.045	<0.045	<0.045	<0.045	<0.045	-	-	-
MW11	56	8/2/2011	<0.047	<0.047	<0.047	<0.047	<0.047	<0.047	<0.047	<0.047	<0.047	<0.047	<0.047	<0.047	-	-	-
MW11	81	8/2/2011	<0.047	<0.047	<0.047	<0.047	<0.047	<0.047	<0.047	<0.047	<0.047	<0.047	<0.047	<0.047	-	-	-
HA031	2	1/28/2013	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	-	-	-
HA032	2	1/28/2013	<0.0051	<0.0051	<0.0051	<0.0051	<0.0051	<0.0051	<0.0051	<0.0051	<0.0051	<0.0051	<0.0051	<0.0051	-	-	-
HA033	2	1/28/2013	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	-	-
HA034	2	1/28/2013	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	-	-
HA035	2	1/28/2013	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	-	-	-
HA036	2	1/28/2013	<0.024	<0.024	<0.024	<0.024	<0.024	<0.024	<0.024	<0.024	<0.024	<0.024	<0.024	<0.024	-	-	-
HA037	5	1/28/2013	<0.0051	<0.0051	<0.0051	<0.0051	<0.0051	<0.0051	<0.0051	<0.0051	<0.0051	<0.0051	<0.0051	<0.0051	-	-	-
HA038	2	1/28/2013	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	-	-	-
HA038	5	1/28/2013	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	-	-
HA039	2	1/28/2013	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	-	-
HA039	5	1/28/2013	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	-	-
HA040	2	1/28/2013	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	-	-	-
HA040	5	1/28/2013	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	-	-	-
HA041	2	1/28/2013	<0.024	<0.024	<0.024	<0.024	<0.024	<0.024	<0.024	<0.024	<0.024	<0.024	<0.024	<0.024	-	-	-
HA041	5	1/28/2013	<1.2	<1.2	<1.2	<1.2	<1.2	<1.2	<1.2	<1.2	<1.2	<1.2	<1.2	<1.2	-	-	-
HA042	2	1/29/2013	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	-	-
HA042	5	1/29/2013	<0.24	<0.24	<0.24	<0.24	<0.24	<0.24	<0.24	<0.24	<0.24	<0.24	<0.24	<0.24	-	-	-
HA043	2	1/29/2013	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	-	-

Table 2
Soil Analytical Results - Volatile Organic Compounds
Former Orcutt Refinery
1550 West Stowell Road

Sample Location	Depth	Date	Ethylbenzene	Hexachlorobutadiene	Isopropylbenzene	Methylene Chloride	Methyl-t-butyl ether	Naphthalene	n-Butylbenzene	n-Propylbenzene	sec-Butylbenzene	Styrene	t-Amyl Methyl Ether	t-Butyl alcohol	tert-Butylbenzene	Tetrachloroethene (PCE)	Toluene
QC-SB/TP15	20	12/9/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.025	<0.0050	<0.0050	<0.0050
QC-SB/TP16	4.5	12/9/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.025	<0.0050	<0.0050	<0.0050
QC-SB/TP16	10	12/9/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.025	<0.0050	<0.0050	<0.0050
QC-SB/TP16	15	12/9/2008	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.025	<0.0050	<0.0050	<0.0050
GP11	45	7/22/2011	0.79	<0.044	1.1	<0.044	-	<0.044	4	5	4.5	<0.044	-	-	<0.044	<0.044	<0.044
TR3b	2	7/6/2011	8.6	<0.50	3.3	<0.50	-	**15**	<0.50	1.2	3.8	<0.50	-	-	<0.50	<0.50	3.7
TR5b	5	7/7/2011	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	-	<0.0050	<0.0050	<0.0050
TR6b	5	7/7/2011	1.6	<0.50	0.56	<0.50	-	1.2	0.85	1.1	0.59	<0.50	-	-	<0.50	<0.50	2
TR7c	2	7/8/2011	1.9	<0.50	0.67	<0.50	-	**20**	6	1.4	2.2	<0.50	-	-	<0.50	<0.50	2.9
TR9g	5	7/11/2011	<0.047	<0.047	<0.047	<0.047	-	<0.047	<0.047	<0.047	<0.047	<0.047	-	-	<0.047	<0.047	<0.047
TR11c	14	7/13/2011	<0.045	<0.045	<0.045	<0.045	-	<0.045	<0.045	0.071	0.13	<0.045	-	-	<0.045	<0.045	<0.045
MW11	56	8/2/2011	**140**	<0.047	66	<0.047	-	**21**	**67**	**100**	**49**	<0.047	-	-	0.5	<0.047	**56**
MW11	81	8/2/2011	1.3	<0.047	1.3	<0.047	-	<0.50	1.8	2.3	2.2	<0.047	-	-	<0.047	<0.047	<0.047
HA031	2	1/28/2013	<0.0049	<0.0049	<0.0049	<0.0049	-	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	-	-	<0.0049	<0.0049	0.024
HA032	2	1/28/2013	<0.0051	<0.0051	<0.0051	<0.0051	-	<0.0051	<0.0051	<0.0051	<0.0051	<0.0051	-	-	<0.0051	<0.0051	<0.0051
HA033	2	1/28/2013	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	-	<0.0050	<0.0050	<0.0050
HA034	2	1/28/2013	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	-	<0.0050	<0.0050	<0.0050
HA035	2	1/28/2013	<0.0049	<0.0049	<0.0049	<0.0049	-	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	-	-	<0.0049	<0.0049	<0.0049
HA036	2	1/28/2013	<0.024	<0.024	<0.024	<0.024	-	<0.024	<0.024	<0.024	<0.024	<0.024	-	-	<0.024	<0.024	<0.024
HA037	5	1/28/2013	<0.0051	<0.0051	<0.0051	<0.0051	-	<0.0051	<0.0051	<0.0051	<0.0051	<0.0051	-	-	<0.0051	<0.0051	<0.0051
HA038	2	1/28/2013	<0.0049	<0.0049	<0.0049	<0.0049	-	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	-	-	<0.0049	<0.0049	<0.0049
HA038	5	1/28/2013	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	-	<0.0050	<0.0050	<0.0050
HA039	2	1/28/2013	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	-	<0.0050	<0.0050	<0.0050
HA039	5	1/28/2013	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	-	<0.0050	<0.0050	<0.0050
HA040	2	1/28/2013	<0.0048	<0.0048	<0.0048	<0.0048	-	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	-	-	<0.0048	<0.0048	<0.0048
HA040	5	1/28/2013	<0.0049	<0.0049	<0.0049	<0.0049	-	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	-	-	<0.0049	<0.0049	<0.0049
HA041	2	1/28/2013	<0.024	<0.024	<0.024	<0.024	-	<0.024	<0.024	<0.024	<0.024	<0.024	-	-	<0.024	<0.024	<0.024
HA041	5	1/28/2013	<1.2	<1.2	<1.2	<1.2	-	<1.2	<1.2	<1.2	<1.2	<1.2	-	-	<1.2	<1.2	<1.2
HA042	2	1/29/2013	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	-	<0.0050	<0.0050	<0.0050
HA042	5	1/29/2013	<0.24	<0.24	<0.24	<0.24	-	<0.24	<0.24	<0.24	<0.24	<0.24	-	-	<0.24	<0.24	0.24
HA043	2	1/29/2013	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	-	<0.0050	<0.0050	<0.0050

Table 2
Soil Analytical Results - Volatile Organic Compounds
Former Orcutt Refinery
1550 West Stowell Road

Sample Location	Depth	Date	trans-1,2-Dichloroethene	trans-1,3-Dichloropropene	Trichloroethene (TCE)	Trichlorofluoromethane	Trichlorotrifluoroethane	Vinyl Chloride	Xylenes (total)
QC-SB/TP15	20	12/9/2008	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QC-SB/TP16	4.5	12/9/2008	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QC-SB/TP16	10	12/9/2008	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
QC-SB/TP16	15	12/9/2008	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
GP11	45	7/22/2011	<0.044	<0.044	<0.044	<0.044	-	<0.044	<0.044
TR3b	2	7/6/2011	<0.50	<0.50	<0.50	<0.50	-	<0.50	8.8
TR5b	5	7/7/2011	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
TR6b	5	7/7/2011	<0.50	<0.50	<0.50	<0.50	-	<0.50	4.9
TR7c	2	7/8/2011	<0.50	<0.50	<0.50	<0.50	-	<0.50	15
TR9g	5	7/11/2011	<0.047	<0.047	<0.047	<0.047	-	<0.047	<0.047
TR11c	14	7/13/2011	<0.045	<0.045	<0.045	<0.045	-	<0.045	<0.045
MW11	56	8/2/2011	<0.047	<0.047	<0.047	<0.047	-	<0.047	**320**
MW11	81	8/2/2011	<0.047	<0.047	<0.047	<0.047	-	<0.047	0.98
HA031	2	1/28/2013	<0.0049	<0.0049	<0.0049	<0.0049	-	<0.0049	0.0054
HA032	2	1/28/2013	<0.0051	<0.0051	<0.0051	<0.0051	-	<0.0051	<0.0051
HA033	2	1/28/2013	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
HA034	2	1/28/2013	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
HA035	2	1/28/2013	<0.0049	<0.0049	<0.0049	<0.0049	-	<0.0049	<0.0049
HA036	2	1/28/2013	<0.024	<0.024	<0.024	<0.024	-	<0.024	<0.024
HA037	5	1/28/2013	<0.0051	<0.0051	<0.0051	<0.0051	-	<0.0051	<0.0051
HA038	2	1/28/2013	<0.0049	<0.0049	<0.0049	<0.0049	-	<0.0049	<0.0049
HA038	5	1/28/2013	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
HA039	2	1/28/2013	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
HA039	5	1/28/2013	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
HA040	2	1/28/2013	<0.0048	<0.0048	<0.0048	<0.0048	-	<0.0048	<0.0048
HA040	5	1/28/2013	<0.0049	<0.0049	<0.0049	<0.0049	-	<0.0049	<0.0049
HA041	2	1/28/2013	<0.024	<0.024	<0.024	<0.024	-	<0.024	<0.024
HA041	5	1/28/2013	<1.2	<1.2	<1.2	<1.2	-	<1.2	<1.2
HA042	2	1/29/2013	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
HA042	5	1/29/2013	<0.24	<0.24	<0.24	<0.24	-	<0.24	0.42
HA043	2	1/29/2013	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050

Table 2
Soil Analytical Results - Volatile Organic Compounds
Former Orcutt Refinery
1550 West Stowell Road

Sample Location	Depth	Date	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	1,2-Dibromoethane (EDB)	1,2-Dichlorobenzene	1,2-Dichloroethane
HA043	5	1/29/2013	<0.24	<0.24	<0.24	<0.24	<0.24	<0.24	<0.24	<0.24	<0.24	<0.24	0.92	<0.24	<0.24	<0.24	<0.24
HA044	2	1/29/2013	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
HA044	5	1/29/2013	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049
HA045	2	1/29/2013	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	0.043	<0.0050	<0.0050	<0.0050	<0.0050
HA045	5	1/29/2013	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
HA046	2	1/29/2013	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049
HA046	5	1/29/2013	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
HA047	2	1/29/2013	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
HA047	5	1/29/2013	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
HA048	2	1/29/2013	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
HA048	5	1/29/2013	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
HA049	2	1/29/2013	<0.24	<0.24	<0.24	<0.24	<0.24	<0.24	<0.24	<0.24	<0.24	<0.24	<0.24	<0.24	<0.24	<0.24	<0.24
HA049	5	1/29/2013	<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
HA050	2	1/29/2013	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
HA050	5	1/29/2013	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049
HA051	2	1/29/2013	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
HA051	5	1/29/2013	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049
HA052	2	1/30/2013	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049
HA052	5	1/30/2013	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
HA053	5	1/30/2013	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
SBFPD Investigation Levels													**33**		**0.5**		**5.0**

Table 2
Soil Analytical Results - Volatile Organic Compounds
Former Orcutt Refinery
1550 West Stowell Road

Sample Location	Depth	Date	1,2-Dichloropropane	1,3,5-Trimethylbenzene	1,3-Dichlorobenzene	1,3-Dichloropropane	1,4-Dichlorobenzene	2,2-Dichloropropane	2-Butanone	2-Chloroethylvinyl ether	2-Chlorotoluene	4-Chlorotoluene	4-Isopropyl Toluene	Benzene	Bromobenzene	Bromochloromethane	Bromodichloromethane
HA043	5	1/29/2013	<0.24	0.26	<0.24	<0.24	<0.24	<0.24	-	-	<0.24	<0.24	0.24	0.26	<0.24	<0.24	<0.24
HA044	2	1/29/2013	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	-	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
HA044	5	1/29/2013	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	-	-	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049
HA045	2	1/29/2013	<0.0050	0.016	<0.0050	<0.0050	<0.0050	<0.0050	-	-	<0.0050	<0.0050	0.0059	<0.0050	<0.0050	<0.0050	<0.0050
HA045	5	1/29/2013	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	-	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
HA046	2	1/29/2013	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	-	-	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049
HA046	5	1/29/2013	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	-	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
HA047	2	1/29/2013	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	-	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
HA047	5	1/29/2013	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	-	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
HA048	2	1/29/2013	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	-	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
HA048	5	1/29/2013	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	-	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
HA049	2	1/29/2013	<0.24	<0.24	<0.24	<0.24	<0.24	<0.24	-	-	<0.24	<0.24	0.34	0.28	<0.24	<0.24	<0.24
HA049	5	1/29/2013	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	-	-	<0.25	<0.25	<0.25	0.32	<0.25	<0.25	<0.25
HA050	2	1/29/2013	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	-	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
HA050	5	1/29/2013	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	-	-	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049
HA051	2	1/29/2013	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	-	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
HA051	5	1/29/2013	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	-	-	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049
HA052	2	1/30/2013	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	-	-	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049
HA052	5	1/30/2013	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	-	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
HA053	5	1/30/2013	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	-	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
SBFPD Investigation Levels				**21**										**0.1**			

Table 2
Soil Analytical Results - Volatile Organic Compounds
Former Orcutt Refinery
1550 West Stowell Road

Sample Location	Depth	Date	Bromoform	Bromomethane	Carbon tetrachloride	Chlorobenzene	Chloroethane	Chloroform	Chloromethane	cis-1,2-Dichloroethene	cis-1,3-Dichloropropene	Dibromochloromethane	Dibromomethane	Dichlorodifluoromethane	Dichlorotrifluoroethane	Diisopropyl Ether	Ethyl t-Butyl Ether
HA043	5	1/29/2013	<0.24	<0.24	<0.24	<0.24	<0.24	<0.24	<0.24	<0.24	<0.24	<0.24	<0.24	<0.24	-	-	-
HA044	2	1/29/2013	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	-	-
HA044	5	1/29/2013	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	-	-	-
HA045	2	1/29/2013	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	-	-
HA045	5	1/29/2013	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	-	-
HA046	2	1/29/2013	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	-	-	-
HA046	5	1/29/2013	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	-	-
HA047	2	1/29/2013	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	-	-
HA047	5	1/29/2013	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	-	-
HA048	2	1/29/2013	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	-	-
HA048	5	1/29/2013	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	-	-
HA049	2	1/29/2013	<0.24	<0.24	<0.24	<0.24	<0.24	<0.24	<0.24	<0.24	<0.24	<0.24	<0.24	<0.24	-	-	-
HA049	5	1/29/2013	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	-	-	-
HA050	2	1/29/2013	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	-	-
HA050	5	1/29/2013	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	-	-	-
HA051	2	1/29/2013	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	-	-
HA051	5	1/29/2013	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	-	-	-
HA052	2	1/30/2013	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	-	-	-
HA052	5	1/30/2013	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	-	-
HA053	5	1/30/2013	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	-	-
SBFPD Investigation Levels																	

Table 2
Soil Analytical Results - Volatile Organic Compounds
Former Orcutt Refinery
1550 West Stowell Road

Sample Location	Depth	Date	Ethylbenzene	Hexachlorobutadiene	Isopropylbenzene	Methylene Chloride	Methyl-t-butyl ether	Naphthalene	n-Butylbenzene	n-Propylbenzene	sec-Butylbenzene	Styrene	t-Amyl Methyl Ether	t-Butyl alcohol	tert-Butylbenzene	Tetrachloroethene (PCE)	Toluene
HA043	5	1/29/2013	1.2	<0.24	0.28	<0.24	-	<0.24	<0.24	0.33	<0.24	<0.24	-	-	<0.24	<0.24	0.7
HA044	2	1/29/2013	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	-	<0.0050	<0.0050	<0.0050
HA044	5	1/29/2013	<0.0049	<0.0049	<0.0049	<0.0049	-	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	-	-	<0.0049	<0.0049	<0.0049
HA045	2	1/29/2013	0.0078	<0.0050	<0.0050	<0.0050	-	0.012	<0.0050	<0.0050	<0.0050	<0.0050	-	-	<0.0050	<0.0050	0.0099
HA045	5	1/29/2013	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	-	<0.0050	<0.0050	<0.0050
HA046	2	1/29/2013	<0.0049	<0.0049	<0.0049	<0.0049	-	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	-	-	<0.0049	<0.0049	<0.0049
HA046	5	1/29/2013	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	-	<0.0050	<0.0050	<0.0050
HA047	2	1/29/2013	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	-	<0.0050	<0.0050	<0.0050
HA047	5	1/29/2013	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	-	<0.0050	<0.0050	<0.0050
HA048	2	1/29/2013	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	-	<0.0050	<0.0050	<0.0050
HA048	5	1/29/2013	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	-	<0.0050	<0.0050	<0.0050
HA049	2	1/29/2013	0.33	<0.24	<0.24	<0.24	-	<0.24	<0.24	<0.24	<0.24	<0.24	-	-	<0.24	<0.24	<0.24
HA049	5	1/29/2013	1.1	<0.25	0.29	<0.25	-	<0.25	<0.25	0.41	<0.25	<0.25	-	-	<0.25	<0.25	<0.25
HA050	2	1/29/2013	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	-	<0.0050	<0.0050	<0.0050
HA050	5	1/29/2013	<0.0049	<0.0049	<0.0049	<0.0049	-	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	-	-	<0.0049	<0.0049	<0.0049
HA051	2	1/29/2013	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	-	<0.0050	0.035	<0.0050
HA051	5	1/29/2013	<0.0049	<0.0049	<0.0049	<0.0049	-	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	-	-	<0.0049	<0.0049	<0.0049
HA052	2	1/30/2013	<0.0049	<0.0049	<0.0049	<0.0049	-	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	-	-	<0.0049	<0.0049	<0.0049
HA052	5	1/30/2013	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	-	<0.0050	<0.0050	<0.0050
HA053	5	1/30/2013	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	-	<0.0050	<0.0050	<0.0050
SBFPD Investigation Levels			**70**		**77**		**0.05**	**1.7**	**26**	**26**	**26**			**0.12**	**26**		**15**

Notes:
All results in milligrams per kilogram (mg/kg)
<10: Concentration less than the associated laboratory Reporting Limit (RL).
J: Estimated concentration detected between the Method Detection Limit and the Reporting Limit.
B: The method blank contains analyte at concentration greater than the RL.
Bold: Concentration > SBFPPD Investigation Level
EPA Method 8260

Table 2
Soil Analytical Results - Volatile Organic Compounds
Former Orcutt Refinery
1550 West Stowell Road

Sample Location	Depth	Date	trans-1,2-Dichloroethene	trans-1,3-Dichloropropene	Trichloroethene (TCE)	Trichlorofluoromethane	Trichlorotrifluoroethane	Vinyl Chloride	Xylenes (total)
HA043	5	1/29/2013	<0.24	<0.24	<0.24	<0.24	-	<0.24	3.3
HA044	2	1/29/2013	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
HA044	5	1/29/2013	<0.0049	<0.0049	<0.0049	<0.0049	-	<0.0049	<0.0049
HA045	2	1/29/2013	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	0.093
HA045	5	1/29/2013	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
HA046	2	1/29/2013	<0.0049	<0.0049	<0.0049	<0.0049	-	<0.0049	<0.0049
HA046	5	1/29/2013	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
HA047	2	1/29/2013	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
HA047	5	1/29/2013	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
HA048	2	1/29/2013	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
HA048	5	1/29/2013	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
HA049	2	1/29/2013	<0.24	<0.24	<0.24	<0.24	-	<0.24	0.37
HA049	5	1/29/2013	<0.25	<0.25	<0.25	<0.25	-	<0.25	<0.25
HA050	2	1/29/2013	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
HA050	5	1/29/2013	<0.0049	<0.0049	<0.0049	<0.0049	-	<0.0049	<0.0049
HA051	2	1/29/2013	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
HA051	5	1/29/2013	<0.0049	<0.0049	<0.0049	<0.0049	-	<0.0049	<0.0049
HA052	2	1/30/2013	<0.0049	<0.0049	<0.0049	<0.0049	-	<0.0049	<0.0049
HA052	5	1/30/2013	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
HA053	5	1/30/2013	<0.0050	<0.0050	<0.0050	<0.0050	-	<0.0050	<0.0050
SBFPD Investigation Levels									**175**

Table 3
Soil Vapor Analytical Results - TPH and BTEX
Former Orcutt Refinery
1550 West Stowell Road
Santa Maria, California

Sample Location	Depth	Date	TPH as Gasoline	TPH (C5 - C8) aliphatic	TPH (C6 - C8) aromatic	TPH (C9 - C10) aromatic	TPH (C9 - C12) aliphatic	Benzene	Toluene	Ethylbenzene	m,p-Xylene	o-Xylene
SG01	5	02/05/2013	**16,000**	-	-	-	-	**5.4**	**180**	**110**	**400**	**160**
SG01	5	06/19/2013	<100	**130**	<100	<100	**150**	**3.7**	**8.7**	<4.4	**9.2**	<4.4
SG01 DUP	5	06/19/2013	**160**	<100	<100	<100	<100	<3.2	**4**	<4.4	<8.8	<4.4
SG01	15	02/05/2013	**15,000**	-	-	-	-	**4.9**	**50**	**17**	**87**	**68**
SG01	15	06/19/2013	**420**	**730**	<100	<100	**200**	**10**	**19**	**5.5**	**15**	**5.2**
SG02	5	02/05/2013	**17,000**	-	-	-	-	**3.7**	**55**	**18**	**91**	**68**
SG02	5	06/19/2013	**550**	**330**	<100	**140**	**340**	**4.5**	**11**	**5.9**	**12**	<4.4
SG02	15	02/05/2013	**13,000**	-	-	-	-	**2.9**	**65**	**21**	**110**	**87**
SG02	15	06/19/2013	<100	**250**	<100	<100	**230**	**5.1**	**12**	<4.4	<8.8	<4.4
SG03	5	02/05/2013	**11,000**	-	-	-	-	<1.7	**28**	**13**	**62**	**42**
SG03	5	06/19/2013	**140**	**420**	<100	<100	<100	**5.3**	**13**	<4.4	<8.8	<4.4
SG03	15	02/05/2013	**18,000**	-	-	-	-	**7.5**	**45**	**34**	**140**	**100**
SG03	15	06/19/2013	**270**	**430**	<100	<100	**100**	**4.1**	**8.2**	<4.4	<8.8	<4.4
SG04	5	02/06/2013	**19,000**	-	-	-	-	**4.4**	**29**	**12**	**73**	**53**
SG04	5	06/20/2013	<100	<100	<100	<100	<100	<3.2	<3.8	<4.4	<8.8	<4.4
SG04	15	02/06/2013	**19,000**	-	-	-	-	<2.6	**27**	**11**	**69**	**51**
SG04	15	06/20/2013	**8,000**	**7,100**	**300**	**190**	**3,100**	**59**	**22**	**59**	**110**	**47**
SG05	5	02/06/2013	**900,000**	-	-	-	-	**1,800**	**120**	**1,000**	**240**	**160**
SG05	5	06/20/2013	**480,000 J**	**610,000 J**	**3,100**	**1,000**	**130,000 J**	**2,100**	**52**	**190**	**190**	**87**
SG06	5	02/06/2013	**3,300,000**	-	-	-	-	**27,000**	**390**	**5,000**	<690	**190**
SG06	5	06/20/2013	**2,800,000 J**	**3,200,000 J**	**150,000**	<10000	**510,000**	**100,000**	**500**	**21,000**	<880	**580**
SG07	5	02/06/2013	**2,200,000**	-	-	-	-	**840**	**1,900**	**1,700**	**4,600**	**2,700**
SG07	5	06/20/2013	**5,300,000 J**	**4,700,000 J**	**90,000**	**19,000**	**2,000,000 J**	**16,000**	**22,000**	**15,000**	**26,000**	**9,600**
SG07	15	02/06/2013	**5,400,000**	-	-	-	-	**6,700**	**7,700**	**2,700**	**6,900**	**3,600**
SG08	5	02/06/2013	**350,000**	-	-	-	-	**160**	**540**	**850**	**2,500**	**1,800**
SG08 DUP	5	02/06/2013	**450,000**	-	-	-	-	**340**	**640**	**650**	**1,900**	**1,400**
SG08	5	06/20/2013	**43,000**	**7,000**	**690**	**830**	**34,000**	**33**	**58**	**160**	**320**	**150**
SG08	15	02/06/2013	**550,000**	-	-	-	-	**240**	**910**	**1,300**	**3,800**	**2,700**
SG08	15	06/20/2013	**49,000**	**8,600**	**680**	**870**	**39,000**	**44**	**51**	**160**	**300**	**150**
SG09	5	02/05/2013	<7,000	-	-	-	-	**3.2**	**29**	**13**	**69**	**47**
SG09	5	06/20/2013	**12,000**	**1,900**	**190**	**280**	**9,500**	**11**	**15**	**46**	**89**	**42**
SG09	15	02/05/2013	**18,000**	-	-	-	-	**4.9**	**39**	**17**	**91**	**61**
SG09	15	06/20/2013	**21,000 J**	**5,700**	**380**	**420**	**14,000 J**	**51**	**32**	**81**	**150**	**72**
SG10	5	02/05/2013	**14,000**	-	-	-	-	**2.3**	**35**	**19**	**93**	**61**

Table 3
Soil Vapor Analytical Results - TPH and BTEX
Former Orcutt Refinery
1550 West Stowell Road
Santa Maria, California

Sample Location	Depth	Date	TPH as Gasoline	TPH (C5 - C8) aliphatic	TPH (C6 - C8) aromatic	TPH (C9 - C10) aromatic	TPH (C9 - C12) aliphatic	Benzene	Toluene	Ethylbenzene	m,p-Xylene	o-Xylene
SG10	5	06/20/2013	**1,000**	**900**	<100	<100	**450**	**6.5**	**6.3**	**5.3**	**10**	<4.4
SG10	15	02/05/2013	**13,000**	**-**	**-**	**-**	**-**	**2.7**	**46**	**27**	**130**	**77**
SG10 DUP	15	02/05/2013	**7,300**	**-**	**-**	**-**	**-**	**5.6**	**22**	**5.7**	**29**	**16**
SG10	15	06/20/2013	**260**	**380**	<100	<100	<100	<3.2	<3.8	<4.4	<8.8	<4.4
SG11	5	02/05/2013	**7,200**	**-**	**-**	**-**	**-**	**4.3**	**27**	**12**	**62**	**44**
SG11	5	06/20/2013	**7,300**	**4,100**	**180**	**120**	**4,200**	**42**	**21**	**31**	**57**	**25**
SG11	15	02/05/2013	**12,000**	**-**	**-**	**-**	**-**	**3.3**	**37**	**17**	**95**	**61**
SG11	15	06/20/2013	**20,000**	**4,000**	**430**	**450**	**16,000**	**39**	**33**	**100**	**180**	**85**
SG17	5	06/21/2013	**11,000**	**590**	<500	<500	**11,000**	**49**	<19	<22	**54**	<22
SG17	15	06/21/2013	**27,000 J**	**2,900**	**300**	**460**	**27,000 J**	**75**	**25**	**41**	**110**	**38**
SG18	5	06/21/2013	**4,200**	**1,500**	**130**	**150**	**2,900**	**30**	**11**	**22**	**43**	**20**
SG18	15	06/21/2013	**6,900**	**2,800**	**180**	**160**	**4,400**	**45**	**15**	**33**	**61**	**27**
SG18 DUP	15	06/21/2013	**4,400**	**820**	**100**	**140**	**3,900**	**19**	**7.4**	**21**	**39**	**18**
SG19	5	06/21/2013	**4,500**	**2,100**	**210**	**130**	**2,700**	**40**	**33**	**33**	**73**	**31**
SG19	15	06/21/2013	**5,800**	**4,500**	**190**	**110**	**2,700**	**78**	**17**	**24**	**43**	**19**
SG20	5	06/21/2013	**2,700,000 J**	**4,100,000 J**	<10000	<10000	**260,000**	**360**	<380	**8,800**	<880	<440
SG20	15	06/21/2013	**14,000**	**5,000**	<500	**660**	**15,000**	**68**	<19	**63**	<44	<22
SG21	5	06/21/2013	**12,000**	**2,200**	**240**	**330**	**12,000**	**62**	**21**	**34**	**87**	**33**
SG21	15	06/21/2013	**7,900**	**880**	**130**	**140**	**7,600**	**41**	**6.9**	**16**	**44**	**15**
SG22	5	06/21/2013	**280,000**	**20,000**	<2500	<2,500	**260,000**	**110**	**470**	**360**	**720**	**240**
SG22	15	06/21/2013	**1,100,000**	**330,000**	**45,000**	**16,000**	**780,000**	**3,000**	**5,200**	**7,100**	**27,000**	**4,900**
SG23	5	06/21/2013	**1,700**	**140**	<100	<100	**1,500**	**16**	<3.8	<4.4	<8.8	<4.4
SG23	15	06/21/2013	**11,000**	**18,000 J**	<100	<100	**920**	**20**	**5.6**	**7.3**	**10**	<4.4

Notes:
All results in micrograms per cubic meter (ug/m3)
<100: Concentration less than the associated laboratory Reporting Limit (RL).
ND: Not Detected.
Bold: Concentration > Laboratory Detection Limit (DL)
J: Estimated Concentration
Method TO-15

Table 4
Soil Vapor Analytical Results - Volatile Organic Compounds
Former Orcutt Refinery
1550 West Stowell Road
Santa Maria, California

Sample Location	Depth	Date	1,1,1,2-Tetrachloroethane	1,1,1-Trichloroethane	1,1,2,2-Tetrachloroethane	1,1,2-Trichloro-1,2,2-Trifluoroethane	1,1,2-Trichloroethane	1,1-Dichloroethane	1,1-Dichloroethene	1,1-Difluoroethane	1,2,4-Trichlorobenzene	1,2,4-Trimethylbenzene	1,2-Dibromoethane	1,2-Dichlorobenzene	1,2-Dichloroethane	1,2-Dichloropropane	1,3,5-Trimethylbenzene	1,3-Butadiene	1,3-Dichlorobenzene	1,4-Dichlorobenzene
SG01	5	2/5/2013	<8.6	<2.8	<7.1	<12	<2.8	<2.1	<2.0	<5.6	<15	**86**	<4.0	<3.1	<2.1	<2.4	**44**	<3.4	<3.1	<3.1
SG01	5	6/19/2013	<7.0	<5.5	<7.0	<7.7	<5.5	<4.1	<4.0	-	<38	**16**	<7.8	<12	<4.1	<9.4	<5.0	-	<12	<12
SG01 DUP	5	6/19/2013	<7.0	<5.5	<7.0	<7.7	<5.5	<4.1	<4.0	-	<38	**14**	<7.8	<12	<4.1	<9.4	<5.0	-	<12	<12
SG01	15	2/5/2013	<8.3	<2.7	<6.9	<11	<2.7	<2.0	<2.0	<5.4	<15	**63**	<3.8	<3.0	<2.0	<2.3	**32**	<3.3	<3.0	<3.0
SG01	15	6/19/2013	<7.0	<5.5	<7.0	<7.7	<5.5	<4.1	<4.0	-	<38	**15**	<7.8	<12	<4.1	<9.4	<5.0	-	<12	<12
SG02	5	2/5/2013	<8.8	<2.9	<7.3	<12	<2.9	<2.1	<2.1	<5.7	<16	**59**	<4.1	<3.2	<2.1	<2.4	**28**	<3.5	<3.2	<3.2
SG02	5	6/19/2013	<7.0	<5.5	<7.0	<7.7	<5.5	<4.1	<4.0	-	<38	**32**	<7.8	<12	<4.1	<9.4	<5.0	-	<12	<12
SG02	15	2/5/2013	<8.3	<2.7	<6.9	<11	<2.7	<2.0	<2.0	<5.4	<15	**75**	<3.8	<3.0	<2.0	<2.3	**37**	<3.3	<3.0	<3.0
SG02	15	6/19/2013	<7.0	<5.5	<7.0	<7.7	<5.5	<4.1	<4.0	-	<38	**20**	<7.8	<12	<4.1	<9.4	<5.0	-	<12	<12
SG03	5	2/5/2013	<8.7	<2.8	<7.1	<12	<2.8	<2.1	<2.1	<5.6	<15	**53**	<4.0	<3.1	<2.1	<2.4	**22**	<3.5	<3.1	<3.1
SG03	5	6/19/2013	<7.0	<5.5	<7.0	<7.7	<5.5	<4.1	<4.0	-	<38	**5.3**	<7.8	<12	<4.1	<9.4	<5.0	-	<12	<12
SG03	15	2/5/2013	<9.4	<3.1	<7.8	<13	**3.5**	<2.3	<2.2	<6.1	<17	**110**	<4.3	<3.4	<2.3	<2.6	**49**	<3.7	<3.4	<3.4
SG03	15	6/19/2013	<7.0	<5.5	<7.0	<7.7	<5.5	<4.1	<4.0	-	<38	**7.8**	<7.8	<12	<4.1	<9.4	<5.0	-	<12	<12
SG04	5	2/6/2013	<14	<4.6	<11	<19	<4.6	<3.4	<3.3	<9.0	<25	**64**	<6.4	<5.0	<3.4	<3.9	**29**	<5.5	<5.0	<5.0
SG04	5	6/20/2013	<7.0	<5.5	<7.0	<7.7	<5.5	<4.1	<4.0	-	<38	<5.0	<7.8	<12	<4.1	<9.4	<5.0	-	<12	<12
SG04	15	2/6/2013	<14	<4.5	<11	<19	<4.5	<3.3	<3.3	<8.9	<24	**58**	<6.3	<5.0	<3.3	<3.8	**26**	<5.5	<5.0	<5.0
SG04	15	6/20/2013	<7.0	<5.5	<7.0	<7.7	<5.5	<4.1	<4.0	-	<38	**32**	<7.8	<12	<4.1	<9.4	**14**	-	<12	<12
SG05	5	2/6/2013	<130	<44	<110	<180	<44	<32	<32	<86	<240	**120**	<61	<48	<32	<37	**100**	<53	<48	<48
SG05	5	6/20/2013	<35	<28	<35	<39	<28	<21	<20	-	<190	**58**	<39	<61	<21	<47	**140**	-	<61	<61
SG06	5	2/6/2013	<670	<220	<550	<920	<220	<160	<160	<430	<1200	<590	<310	<240	<160	<180	<200	<270	<240	<240
SG06	5	6/20/2013	<700	<550	<700	<770	<550	<410	<400	-	<3800	<500	<780	<1200	<410	<940	<500	-	<1200	<1200
SG07	5	2/6/2013	<330	<110	<270	<460	<110	<81	<79	<220	<590	**300**	<150	<120	<81	<92	**210**	<130	<120	<120
SG07	5	6/20/2013	<700	<550	<700	<770	<550	<410	<400	-	<3800	**2,300**	<780	<1200	<410	<940	**740**	-	<1200	<1200
SG07	15	2/6/2013	<830	<270	<690	<1100	<270	<200	<200	<540	<1500	<740	<380	<300	<200	<230	<250	<330	<300	<300
SG08	5	2/6/2013	<67	<22	<55	<92	<22	<16	<16	<43	<120	**1,100**	<31	<24	<16	<18	**460**	<27	<24	<24
SG08 DUP	5	2/6/2013	<83	<27	<69	<110	<27	<20	<20	<54	<150	**820**	<38	<30	<20	<23	**330**	<33	<30	<30
SG08	5	6/20/2013	<35	<28	<35	<39	<28	<21	<20	-	<190	**130**	<39	<61	<21	<47	**34**	-	<61	<61
SG08	15	2/6/2013	<83	<27	<69	<110	<27	<20	<20	<54	<150	**1,200**	<38	<30	<20	<23	**590**	<33	<30	<30
SG08	15	6/20/2013	<35	<28	<35	<39	<28	<21	<20	-	<190	**130**	<39	<61	<21	<47	**37**	-	<61	<61
SG09	5	2/5/2013	<8.8	<2.9	<7.2	<12	<2.9	<2.1	<2.1	<5.7	<16	**58**	<4.0	<3.2	<2.1	<2.4	**24**	<3.5	<3.2	<3.2
SG09	5	6/20/2013	<7.0	<5.5	<7.0	<7.7	<5.5	<4.1	<4.0	-	<38	**43**	<7.8	<12	<4.1	<9.4	**11**	-	<12	<12
SG09	15	2/5/2013	<8.8	<2.9	<7.3	<12	<2.9	<2.1	<2.1	<5.7	<16	**70**	<4.1	<3.2	<2.1	<2.4	**30**	<3.5	<3.2	<3.2
SG09	15	6/20/2013	<7.0	<5.5	<7.0	<7.7	<5.5	<4.1	<4.0	-	<38	**70**	<7.8	<12	<4.1	<9.4	**19**	-	<12	<12
SG10	5	2/5/2013	<9.3	<3.0	<7.6	<13	<3.0	<2.2	<2.2	<6.0	<16	**64**	<4.3	<3.3	<2.2	<2.6	**31**	<3.7	<3.3	<3.3
SG10	5	6/20/2013	<7.0	<5.5	<7.0	<7.7	<5.5	<4.1	<4.0	-	<38	<5.0	<7.8	<12	<4.1	<9.4	<5.0	-	<12	<12
SG10	15	2/5/2013	<8.4	<2.8	<6.9	<12	<2.8	<2.0	<2.0	<5.5	<15	**69**	<3.9	<3.0	<2.0	<2.3	**33**	<3.4	<3.0	<3.0
SG-10 DUP	15	2/5/2013	<9.1	<3.0	<7.5	<13	<3.0	<2.2	<2.2	<5.9	<16	<8.0	<4.2	<3.3	<2.2	<2.5	**3.3**	<3.6	<3.3	<3.3
SG10	15	6/20/2013	<7.0	<5.5	<7.0	<7.7	<5.5	<4.1	<4.0	-	<38	<5.0	<7.8	<12	<4.1	<9.4	<5.0	-	<12	<12
SG11	5	2/5/2013	<8.6	<2.8	<7.1	<12	<2.8	<2.1	<2.0	<5.6	<15	**49**	<4.0	<3.1	<2.1	<2.4	**22**	<3.4	<3.1	<3.1
SG11	5	6/20/2013	<7.0	<5.5	<7.0	<7.7	<5.5	<4.1	<4.0	-	<38	**22**	<7.8	<12	<4.1	<9.4	**6.2**	-	<12	<12
SG11	15	2/5/2013	<9.1	<3.0	<7.5	<13	<3.0	<2.2	<2.2	<5.9	<16	**68**	<4.2	<3.3	<2.2	<2.5	**30**	<3.6	<3.3	<3.3
SG11	15	6/20/2013	<14	<11	<14	<15	<11	<8.2	<8.0	-	<75	**70**	<16	<24	<8.2	<19	**22**	-	<24	<24
SG17	5	6/21/2013	<35	<28	<35	<39	<28	<21	<20	-	<190	**25**	<39	<61	<21	<47	<25	-	<61	<61
SG17	15	6/21/2013	<7.0	**12**	<7.0	<7.7	<5.5	<4.1	<4.0	-	<38	**47**	<7.8	<12	<4.1	<9.4	**20**	-	<12	<12
SG18	5	6/21/2013	<7.0	<5.5	<7.0	<7.7	<5.5	<4.1	<4.0	-	<38	**26**	<7.8	<12	<4.1	<9.4	**8.8**	-	<12	<12
SG18	15	6/21/2013	<7.0	<5.5	<7.0	<7.7	<5.5	<4.1	<4.0	-	<38	**25**	<7.8	<12	<4.1	<9.4	**8.8**	-	<12	<12
SG18 DUP	15	6/21/2013	<7.0	<5.5	<7.0	<7.7	<5.5	<4.1	<4.0	-	<38	**24**	<7.8	<12	<4.1	<9.4	**8.2**	-	<12	<12

Table 4
Soil Vapor Analytical Results - Volatile Organic Compounds
Former Orcutt Refinery
1550 West Stowell Road
Santa Maria, California

Sample Location	Depth	Date	1,4-Dioxane	2-Butanone	2-Hexanone	4-Ethyltoluene	4-Methyl-2-Pentanone	Acetone	Benzene	Benzyl Chloride	Bromodichloromethane	Bromoform	Bromomethane	cis-1,2-Dichloroethene	cis-1,3-Dichloropropene	Carbon Disulfide	Carbon Tetrachloride	Chlorobenzene	Chloroethane	Chloroform
SG01	5	2/5/2013	<37	**7.9**	<6.3	**26**	**8.9**	**160**	**5.4**	<8.0	<3.5	<5.3	<2.0	<2.0	<2.3	**31**	<3.2	<2.4	<1.4	<2.5
SG01	5	6/19/2013	-	<30	<8.3	<5.0	<8.3	**62**	**3.7**	-	<6.8	<10	<16	<4.0	<4.6	<6.3	<6.4	<4.7	<8.0	<4.9
SG01 DUP	5	6/19/2013	-	<30	<8.3	<5.0	<8.3	**29**	<3.2	-	<6.8	<10	<16	<4.0	<4.6	<6.3	<6.4	<4.7	<8.0	<4.9
SG01	15	2/5/2013	<36	**10**	<6.1	**12**	<6.1	**14**	**4.9**	<7.8	<3.4	<5.2	<1.9	<2.0	<2.3	<6.2	<3.1	<2.3	<1.3	<2.4
SG01	15	6/19/2013	-	<30	<8.3	<5.0	<8.3	**130**	**10**	-	<6.8	<10	<16	<4.0	<4.6	**9.7**	<6.4	<4.7	<8.0	<4.9
SG02	5	2/5/2013	<38	<4.7	<6.5	**11**	<6.5	**15**	**3.7**	<8.2	<3.6	<5.5	**3.2**	<2.1	<2.4	<6.6	<3.3	<2.4	<1.4	<2.6
SG02	5	6/19/2013	-	<30	<8.3	<5.0	<8.3	**52**	**4.5**	-	<6.8	<10	<16	<4.0	<4.6	<6.3	<6.4	<4.7	<8.0	<4.9
SG02	15	2/5/2013	<36	**16**	<6.1	**14**	<6.1	**20**	**2.9**	<7.8	<3.4	<5.2	<1.9	<2.0	<2.3	<6.2	<3.1	<2.3	<1.3	<2.4
SG02	15	6/19/2013	-	<30	<8.3	<5.0	<8.3	**67**	**5.1**	-	<6.8	<10	<16	<4.0	<4.6	<6.3	<6.4	<4.7	<8.0	<4.9
SG03	5	2/5/2013	<37	<4.6	<6.4	**10**	<6.4	**7.9**	<1.7	<8.1	<3.5	<5.4	<2.0	<2.1	<2.4	<6.5	<3.3	<2.4	<1.4	<2.5
SG03	5	6/19/2013	-	<30	<8.3	<5.0	<8.3	**68**	**5.3**	-	<6.8	<10	<16	<4.0	<4.6	<6.3	<6.4	<4.7	<8.0	<4.9
SG03	15	2/5/2013	<41	**10**	<6.9	**31**	<6.9	<5.4	**7.5**	<8.8	<3.8	<5.8	<2.2	<2.2	<2.6	<7.0	<3.6	<2.6	<1.5	<2.8
SG03	15	6/19/2013	-	<30	<8.3	<5.0	<8.3	**75**	**4.1**	-	<6.8	<10	<16	<4.0	<4.6	<6.3	<6.4	<4.7	<8.0	<4.9
SG04	5	2/6/2013	<60	<7.4	<10	**12**	<10	<7.9	**4.4**	<13	<5.6	<8.6	<3.2	<3.3	<3.8	<10	<5.3	<3.8	<2.2	<4.1
SG04	5	6/20/2013	-	<30	<8.3	<5.0	<8.3	<24	<3.2	-	<6.8	<10	<16	<4.0	<4.6	<6.3	<6.4	<4.7	<8.0	<4.9
SG04	15	2/6/2013	<59	**12**	<10	**11**	<10	<7.8	<2.6	<13	<5.5	<8.5	<3.2	<3.3	<3.7	<10	<5.2	<3.8	<2.2	<4.0
SG04	15	6/20/2013	-	<30	<8.3	**9.9**	<8.3	**160**	**59**	-	<6.8	<10	<16	<4.0	<4.6	<6.3	<6.4	<4.7	<8.0	<4.9
SG05	5	2/6/2013	<580	<71	<98	**50**	<98	<76	**1,800**	<120	<54	<83	<31	<32	<36	<100	<50	<37	<21	<39
SG05	5	6/20/2013	-	<150	<41	**27**	<41	<120	**2,100**	-	<34	<52	<79	<20	<23	**38**	<32	<23	<40	<25
SG06	5	2/6/2013	<2900	<350	<490	<200	<490	<380	**27,000**	<620	<270	<410	<160	<160	<180	<500	<250	<180	<110	<200
SG06	5	6/20/2013	-	<3000	<830	<500	<830	<2400	**100,000**	-	<680	<1000	<1600	<400	<460	<630	<640	<470	<800	<490
SG07	5	2/6/2013	<1400	<180	<250	**320**	<250	<190	**840**	<310	<130	<210	<78	<79	<91	<250	<130	<92	<53	<98
SG07	5	6/20/2013	-	<3000	<830	**1,100**	<830	<2400	**16,000**	-	<680	<1000	<1600	<400	<460	**880**	<640	<470	<800	<490
SG07	15	2/6/2013	<3600	**950**	<610	<250	<610	**4,000**	**6,700**	<780	<340	<520	<190	<200	<230	<620	<310	<230	<130	<240
SG08	5	2/6/2013	<290	<35	<49	**810**	<49	<38	**160**	<62	<27	<41	<16	<16	<18	<50	<25	<18	<11	<20
SG08 DUP	5	2/6/2013	<360	**77**	<61	**380**	<61	**130**	**340**	<78	<34	<52	<19	<20	<23	<62	<31	<23	<13	<24
SG08	5	6/20/2013	-	<150	<41	**51**	<41	<120	**33**	-	<34	<52	<79	<20	<23	<32	<32	<23	<40	<25
SG08	15	2/6/2013	<360	<44	<61	**1,100**	<61	<48	**240**	<78	<34	<52	<19	<20	<23	<62	<31	<23	<13	<24
SG08	15	6/20/2013	-	<150	<41	**50**	<41	<120	**44**	-	<34	<52	<79	<20	<23	<32	<32	<23	<40	<25
SG09	5	2/5/2013	<38	<4.6	<6.5	**12**	<6.5	**6.2**	**3.2**	<8.2	<3.5	<5.4	**2.3**	<2.1	<2.4	<6.5	<3.3	<2.4	<1.4	<2.6
SG09	5	6/20/2013	-	<30	<8.3	**11**	<8.3	**29**	**11**	-	<6.8	<10	<16	<4.0	<4.6	<6.3	<6.4	<4.7	<8.0	<4.9
SG09	15	2/5/2013	<38	**14**	<6.5	**14**	<6.5	**15**	**4.9**	<8.2	<3.6	<5.5	<2.1	<2.1	<2.4	<6.6	<3.3	<2.4	<1.4	<2.6
SG09	15	6/20/2013	-	<30	<8.3	**20**	<8.3	**91**	**51**	-	<6.8	<10	<16	<4.0	<4.6	<6.3	<6.4	<4.7	<8.0	<4.9
SG10	5	2/5/2013	<40	**4.9**	<6.8	**14**	<6.8	**11**	**2.3**	<8.6	<3.7	<5.7	<2.2	<2.2	<2.5	<6.9	<3.5	<2.6	<1.5	<2.7
SG10	5	6/20/2013	-	<30	<8.3	<5.0	<8.3	**56**	**6.5**	-	<6.8	<10	<16	<4.0	<4.6	<6.3	<6.4	<4.7	<8.0	<4.9
SG10	15	2/5/2013	<36	**7.3**	<6.2	**16**	<6.2	**13**	**2.7**	<7.8	<3.4	<5.2	<2.0	<2.0	<2.3	<6.3	<3.2	<2.3	<1.3	<2.5
SG-10 DUP	15	2/5/2013	<39	**5.6**	<6.7	<2.7	<6.7	**13**	**5.6**	<8.5	<3.7	<5.6	**2.4**	<2.2	<2.5	<6.8	<3.4	<2.5	<1.4	<2.7
SG10	15	6/20/2013	-	<30	<8.3	<5.0	<8.3	<24	<3.2	-	<6.8	<10	<16	<4.0	<4.6	<6.3	<6.4	<4.7	<8.0	<4.9
SG11	5	2/5/2013	<37	<4.6	<6.3	**9.2**	<6.3	**8.3**	**4.3**	<8.0	<3.5	<5.3	<2.0	<2.0	<2.3	<6.4	<3.2	<2.4	<1.4	<2.5
SG11	5	6/20/2013	-	<30	<8.3	**7.7**	<8.3	**110**	**42**	-	<6.8	<10	<16	<4.0	<4.6	**7.3**	<6.4	<4.7	<8.0	<4.9
SG11	15	2/5/2013	<39	**7.0**	<6.7	**15**	<6.7	**10**	**3.3**	<8.5	<3.7	<5.6	<2.1	<2.2	<2.5	<6.8	<3.4	<2.5	<1.4	<2.7
SG11	15	6/20/2013	-	<60	<17	**25**	<17	**62**	**39**	-	<14	<21	<32	<8.0	<9.2	<13	<13	<9.4	<16	<9.9
SG17	5	6/21/2013	-	<150	<41	<25	<41	<120	**49**	-	<34	<52	<79	<20	<23	<32	<32	<23	<40	<25
SG17	15	6/21/2013	-	**37**	<8.3	**16**	<8.3	**150**	**75**	-	<6.8	<10	<16	<4.0	<4.6	<6.3	<6.4	<4.7	<8.0	<4.9
SG18	5	6/21/2013	-	<30	<8.3	**6.5**	<8.3	**85**	**30**	-	<6.8	<10	<16	<4.0	<4.6	**8.9**	<6.4	<4.7	<8.0	<4.9
SG18	15	6/21/2013	-	<30	<8.3	**8.2**	<8.3	**79**	**45**	-	<6.8	<10	<16	<4.0	<4.6	<6.3	<6.4	<4.7	<8.0	<4.9
SG18 DUP	15	6/21/2013	-	<30	<8.3	**6.9**	<8.3	**37**	**19**	-	<6.8	<10	<16	<4.0	<4.6	<6.3	<6.4	<4.7	<8.0	<4.9

Table 4
Soil Vapor Analytical Results - Volatile Organic Compounds
Former Orcutt Refinery
1550 West Stowell Road
Santa Maria, California

Sample Location	Depth	Date	Chloromethane	Cyclohexane	Dibromochloromethane	Dichlorodifluoromethane	Dichlorotetrafluoroethane	Diisopropyl Ether (DIPE)	Ethanol	Ethyl Acetate	Ethylbenzene	Ethyl-t-Butyl Ether (ETBE)	Heptane	Hexachloro-1,3-Butadiene	Hexane	Isopropanol	Methylene Chloride	Methyl-t-Butyl Ether (MTBE)	Naphthalene	o-Xylene
SG01	5	2/5/2013	**9.8**	**42**	<4.4	<2.5	<14	<8.6	**32**	<37	**110**	<8.6	**24**	<16	**37**	<13	<18	**8.1**	<27	**160**
SG01	5	6/19/2013	<2.1	-	<8.6	<5.0	<7.1	-	-	-	<4.4	-	-	<54	-	-	**16**	-	<5.3	<4.4
SG01 DUP	5	6/19/2013	<2.1	-	<8.6	<5.0	<7.1	-	-	-	<4.4	-	-	<54	-	-	<3.5	-	<5.3	<4.4
SG01	15	2/5/2013	<1.0	**16**	<4.3	<2.5	<14	<8.4	<9.4	<36	**17**	<8.4	<8.2	<16	<7.0	**20**	<17	<7.2	<26	**68**
SG01	15	6/19/2013	<2.1	-	<8.6	<5.0	<7.1	-	-	-	**5.5**	-	-	<54	-	-	**31**	-	<5.3	**5.2**
SG02	5	2/5/2013	**29**	**10**	<4.5	<2.6	<15	<8.9	<10	<38	**18**	<8.9	<8.7	<17	<7.5	<13	<18	<7.6	<28	**68**
SG02	5	6/19/2013	<2.1	-	<8.6	<5.0	<7.1	-	-	-	**5.9**	-	-	<54	-	-	**19**	-	<5.3	<4.4
SG02	15	2/5/2013	<1.0	**16**	<4.3	<2.5	<14	<8.4	<9.4	<36	**21**	<8.4	<8.2	<16	<7.0	<12	<17	<7.2	<26	**87**
SG02	15	6/19/2013	<2.1	-	<8.6	<5.0	<7.1	-	-	-	<4.4	-	-	<54	-	-	**22**	-	<5.3	<4.4
SG03	5	2/5/2013	**4.1**	**34**	<4.4	<2.6	<15	<8.7	<9.8	<37	**13**	<8.7	<8.5	<17	<7.3	<13	<18	<7.5	<27	**42**
SG03	5	6/19/2013	<2.1	-	<8.6	<5.0	<7.1	-	-	-	<4.4	-	-	<54	-	-	**36**	-	<5.3	<4.4
SG03	15	2/5/2013	<1.2	**26**	<4.8	<2.8	<16	<9.4	<11	<41	**34**	<9.4	<9.3	<18	<8.0	<14	<20	<8.1	<30	**100**
SG03	15	6/19/2013	<2.1	-	<8.6	<5.0	<7.1	-	-	-	<4.4	-	-	<54	-	-	**22**	-	<5.3	<4.4
SG04	5	2/6/2013	<1.7	**5.7**	<7.1	<4.1	<23	<14	<16	<60	**12**	<14	<14	<27	<12	<21	<29	<12	<44	**53**
SG04	5	6/20/2013	<2.1	-	<8.6	<5.0	<7.1	-	-	-	<4.4	-	-	<54	-	-	<3.5	-	<5.3	<4.4
SG04	15	2/6/2013	<1.7	**3.6**	<7.0	<4.1	<23	<14	<16	<59	**11**	<14	<14	<26	<12	<20	<29	<12	<43	**51**
SG04	15	6/20/2013	<2.1	-	<8.6	<5.0	<7.1	-	-	-	**59**	-	-	<54	-	-	**77**	-	<5.3	**47**
SG05	5	2/6/2013	<17	**13,000**	<68	<40	<220	<130	<150	<580	**1,000**	<130	**1,100**	<260	**3,500**	<200	<280	<120	<420	**160**
SG05	5	6/20/2013	<10	-	<43	<25	<35	-	-	-	**190**	-	-	<270	-	-	<18	-	<27	**87**
SG06	5	2/6/2013	<83	**36,000**	<340	<200	<1100	<670	<750	<2900	**5,000**	<670	**3,700**	<1300	**14,000**	<980	<1400	<580	<2100	**190**
SG06	5	6/20/2013	<210	-	<860	<500	<710	-	-	-	**21,000**	-	-	<5400	-	-	<350	-	<530	**580**
SG07	5	2/6/2013	<41	**3,500**	<170	<99	<560	<330	<380	<1400	**1,700**	<330	**700**	<640	**440**	<490	<690	<290	<1000	**2,700**
SG07	5	6/20/2013	<210	-	<860	<500	<710	-	-	-	**15,000**	-	-	<5400	-	-	<350	-	<530	**9,600**
SG07	15	2/6/2013	<100	**34,000**	<430	<250	<1400	<840	<940	<3600	**2,700**	<840	**15,000**	<1600	**5,300**	<1200	<1700	<720	<2600	**3,600**
SG08	5	2/6/2013	<8.3	**190**	<34	<20	<110	<67	<75	<290	**850**	<67	**100**	<130	<56	<98	<140	<58	<210	**1,800**
SG08 DUP	5	2/6/2013	<10	**1,400**	<43	<25	<140	<84	<94	<360	**650**	<84	**590**	<160	**160**	<120	<170	<72	<260	**1,400**
SG08	5	6/20/2013	<10	-	<43	<25	<35	-	-	-	**160**	-	-	<270	-	-	<18	-	<27	**150**
SG08	15	2/6/2013	<10	**300**	<43	<25	<140	<84	**150**	<360	**1,300**	<84	**180**	<160	<70	<120	<170	<72	<260	**2,700**
SG08	15	6/20/2013	<10	-	<43	<25	<35	-	-	-	**160**	-	-	<270	-	-	<18	-	<27	**150**
SG09	5	2/5/2013	**5.3**	**5.4**	<4.5	<2.6	<15	<8.8	<9.9	<38	**13**	<8.8	<8.6	<17	<7.4	<13	<18	<7.6	<28	**47**
SG09	5	6/20/2013	<2.1	-	<8.6	<5.0	<7.1	-	-	-	**46**	-	-	<54	-	-	<3.5	-	<5.3	**42**
SG09	15	2/5/2013	<1.1	**1.9**	<4.5	<2.6	<15	<8.9	<10	<38	**17**	<8.9	<8.7	<17	<7.5	<13	<18	<7.6	<28	**61**
SG09	15	6/20/2013	<2.1	-	<8.6	<5.0	<7.1	-	-	-	**81**	-	-	<54	-	-	**36**	-	<5.3	**72**
SG10	5	2/5/2013	<1.1	**11**	<4.7	<2.7	<16	<9.3	<10	<40	**19**	<9.3	<9.1	<18	<7.8	<14	<19	<8.0	<29	**61**
SG10	5	6/20/2013	<2.1	-	<8.6	<5.0	<7.1	-	-	-	**5.3**	-	-	<54	-	-	<3.5	-	<5.3	<4.4
SG10	15	2/5/2013	<1.0	**7.0**	<4.3	<2.5	<14	<8.4	<9.5	<36	**27**	<8.4	<8.3	<16	<7.1	<12	<18	<7.3	<26	**77**
SG-10 DUP	15	2/5/2013	**13**	<1.9	<4.6	<2.7	<15	<9.1	<10	<39	**5.7**	<9.1	<8.9	<17	<7.7	<13	<19	<7.9	<29	**16**
SG10	15	6/20/2013	<2.1	-	<8.6	<5.0	<7.1	-	-	-	<4.4	-	-	<54	-	-	<3.5	-	<5.3	<4.4
SG11	5	2/5/2013	<1.1	**4.9**	<4.4	<2.5	<14	<8.6	<9.7	<37	**12**	<8.6	<8.4	<16	<7.3	<13	<18	<7.4	<27	**44**
SG11	5	6/20/2013	<2.1	-	<8.6	<5.0	<7.1	-	-	-	**31**	-	-	<54	-	-	**40**	-	<5.3	**25**
SG11	15	2/5/2013	<1.1	**11**	<4.6	<2.7	<15	<9.1	<10	<39	**17**	<9.1	<8.9	<17	<7.7	<13	<19	<7.9	<29	**61**
SG11	15	6/20/2013	<4.1	-	<17	<10	<14	-	-	-	**100**	-	-	<110	-	-	**7.5**	-	<11	**85**
SG17	5	6/21/2013	<10	-	<43	<25	<35	-	-	-	<22	-	-	<270	-	-	<18	-	<27	<22
SG17	15	6/21/2013	<2.1	-	<8.6	<5.0	<7.1	-	-	-	**41**	-	-	<54	-	-	**24**	-	<5.3	**38**
SG18	5	6/21/2013	**2.6**	-	<8.6	<5.0	<7.1	-	-	-	**22**	-	-	<54	-	-	**10**	-	<5.3	**20**
SG18	15	6/21/2013	<2.1	-	<8.6	<5.0	<7.1	-	-	-	**33**	-	-	<54	-	-	**21**	-	<5.3	**27**
SG18 DUP	15	6/21/2013	<2.1	-	<8.6	<5.0	<7.1	-	-	-	**21**	-	-	<54	-	-	<3.5	-	<5.3	**18**

Table 4
Soil Vapor Analytical Results - Volatile Organic Compounds
Former Orcutt Refinery
1550 West Stowell Road
Santa Maria, California

Sample Location	Depth	Date	m,p-Xylene	Propene	Styrene	trans-1,2-Dichloroethene	trans-1,3-Dichloropropene	Tert-Amyl-Methyl Ether (TAME)	Tert-Butyl Alcohol (TBA)	Tetrachloroethene	Tetrahydrofuran	Toluene	Trichloroethene	Trichlorofluoromethane	Vinyl Acetate	Vinyl Chloride
SG01	5	2/5/2013	**400**	<18	<6.6	<2.0	<4.7	<8.6	**14**	<3.5	**7.9**	**180**	<2.8	<5.8	<7.3	<1.3
SG01	5	6/19/2013	**9.2**	-	<4.3	<8.0	<4.6	-	-	<6.9	-	**8.7**	<5.5	<5.6	-	<2.6
SG01 DUP	5	6/19/2013	<8.8	-	<4.3	<8.0	<4.6	-	-	<6.9	-	**4.0**	<5.5	<5.6	-	<2.6
SG01	15	2/5/2013	**87**	<17	<6.4	<2.0	<4.5	<8.4	<6.1	<3.4	<4.4	**50**	<2.7	<5.6	<7.0	<1.3
SG01	15	6/19/2013	**15**	-	<4.3	<8.0	<4.6	-	-	<6.9	-	**19**	<5.5	<5.6	-	<2.6
SG02	5	2/5/2013	**91**	<18	<6.8	<2.1	<4.8	<8.9	<6.4	<3.6	<4.7	**55**	<2.8	<6.0	<7.5	<1.4
SG02	5	6/19/2013	**12**	-	<4.3	<8.0	<4.6	-	-	<6.9	-	**11**	<5.5	**7.5**	-	<2.6
SG02	15	2/5/2013	**110**	<17	<6.4	<2.0	<4.5	<8.4	**6.6**	<3.4	<4.4	**65**	<2.7	**7.6**	<7.0	<1.3
SG02	15	6/19/2013	<8.8	-	<4.3	<8.0	<4.6	-	-	<6.9	-	**12**	<5.5	**7.9**	-	<2.6
SG03	5	2/5/2013	**62**	<18	<6.6	<2.1	<4.7	<8.7	**22**	<3.5	<4.6	**28**	<2.8	**10**	<7.3	<1.3
SG03	5	6/19/2013	<8.8	-	<4.3	<8.0	<4.6	-	-	<6.9	-	**13**	<5.5	**10**	-	<2.6
SG03	15	2/5/2013	**140**	<19	<7.2	<2.2	<5.1	<9.4	**30**	<3.8	<5.0	**45**	<3.0	**15**	<8.0	<1.4
SG03	15	6/19/2013	<8.8	-	<4.3	<8.0	<4.6	-	-	<6.9	-	**8.2**	<5.5	**11**	-	<2.6
SG04	5	2/6/2013	**73**	<29	<11	<3.3	<7.6	<14	<10	<5.7	<7.4	**29**	<4.5	**120**	<12	<2.1
SG04	5	6/20/2013	<8.8	-	<4.3	<8.0	<4.6	-	-	<6.9	-	<3.8	<5.5	**18**	-	<2.6
SG04	15	2/6/2013	**69**	<28	<11	<3.3	<7.5	<14	<10	**5.6**	<7.3	**27**	<4.4	**65**	<12	<2.1
SG04	15	6/20/2013	**110**	-	<4.3	<8.0	<4.6	-	-	<6.9	-	**22**	**8.4**	**58**	-	<2.6
SG05	5	2/6/2013	**240**	<280	<100	<32	<73	<130	<97	<54	<71	**120**	<43	<90	<110	<20
SG05	5	6/20/2013	**190**	-	<22	<40	<23	-	-	<34	-	**52**	<27	<28	-	<13
SG06	5	2/6/2013	<690	<1400	<510	<160	<360	<670	<490	<270	<350	**390**	<210	<450	<560	<100
SG06	5	6/20/2013	<880	-	<430	<800	<460	-	-	<690	-	**500**	<550	<560	-	<260
SG07	5	2/6/2013	**4,600**	<690	<260	<79	<180	<330	<240	<140	<180	**1,900**	<110	<220	<280	<51
SG07	5	6/20/2013	**26,000**	-	**760**	<800	<460	-	-	<690	-	**22,000**	<550	<560	-	<260
SG07	15	2/6/2013	**6,900**	**3,300**	<640	<200	<450	<840	<610	<340	<440	**7,700**	<270	<560	<700	<130
SG08	5	2/6/2013	**2,500**	<140	<51	<16	<36	<67	<49	<27	<35	**540**	<21	<45	<56	<10
SG08 DUP	5	2/6/2013	**1,900**	<170	<64	<20	<45	<84	<61	<34	<44	**640**	<27	<56	<70	<13
SG08	5	6/20/2013	**320**	-	<22	<40	<23	-	-	<34	-	**58**	<27	<28	-	<13
SG08	15	2/6/2013	**3,800**	<170	<64	<20	<45	<84	<61	<34	<44	**910**	<27	<56	<70	<13
SG08	15	6/20/2013	**300**	-	<22	<40	<23	-	-	<34	-	**51**	<27	<28	-	<13
SG09	5	2/5/2013	**69**	<18	<6.7	<2.1	<4.8	<8.8	**12**	<3.6	<4.6	**29**	<2.8	<5.9	<7.4	<1.3
SG09	5	6/20/2013	**89**	-	<4.3	<8.0	<4.6	-	-	<6.9	-	**15**	<5.5	<5.6	-	<2.6
SG09	15	2/5/2013	**91**	<18	<6.8	<2.1	<4.8	<8.9	**25**	<3.6	<4.7	**39**	<2.8	**9.9**	<7.5	<1.4
SG09	15	6/20/2013	**150**	-	<4.3	<8.0	<4.6	-	-	<6.9	-	**32**	<5.5	**7.3**	-	<2.6
SG10	5	2/5/2013	**93**	<19	<7.1	<2.2	<5.0	<9.3	**11**	<3.8	<4.9	**35**	<3.0	**16**	<7.8	<1.4
SG10	5	6/20/2013	**10**	-	<4.3	<8.0	<4.6	-	-	<6.9	-	**6.3**	<5.5	**12**	-	<2.6
SG10	15	2/5/2013	**130**	<17	<6.5	<2.0	<4.6	<8.4	<6.1	<3.4	<4.5	**46**	<2.7	**20**	<7.1	<1.3
SG-10 DUP	15	2/5/2013	**29**	<19	<7.0	<2.2	<4.9	<9.1	<6.6	<3.7	<4.8	**22**	<2.9	**20**	<7.7	<1.4
SG10	15	6/20/2013	<8.8	-	<4.3	<8.0	<4.6	-	-	<6.9	-	<3.8	<5.5	**16**	-	<2.6
SG11	5	2/5/2013	**62**	<18	<6.6	<2.0	<4.7	<8.6	**82**	<3.5	<4.6	**27**	<2.8	<5.8	<7.3	<1.3
SG11	5	6/20/2013	**57**	-	<4.3	<8.0	<4.6	-	-	<6.9	-	**21**	<5.5	<5.6	-	<2.6
SG11	15	2/5/2013	**95**	<19	<7.0	<2.2	<4.9	<9.1	<6.6	<3.7	<4.8	**37**	<2.9	<6.1	<7.7	<1.4
SG11	15	6/20/2013	**180**	-	<8.6	<16	<9.2	-	-	<14	-	**33**	<11	<11	-	<5.2
SG17	5	6/21/2013	**54**	-	<22	<40	<23	-	-	**120**	-	<19	<27	**69**	-	<13
SG17	15	6/21/2013	**110**	-	<4.3	<8.0	<4.6	-	-	**210**	-	**25**	<5.5	**69**	-	<2.6
SG18	5	6/21/2013	**43**	-	<4.3	<8.0	<4.6	-	-	<6.9	-	**11**	<5.5	**6.1**	-	<2.6
SG18	15	6/21/2013	**61**	-	<4.3	<8.0	<4.6	-	-	<6.9	-	**15**	<5.5	**6.3**	-	<2.6
SG18 DUP	15	6/21/2013	**39**	-	<4.3	<8.0	<4.6	-	-	<6.9	-	**7.4**	<5.5	<5.6	-	<2.6

Table 4
Soil Vapor Analytical Results - Volatile Organic Compounds
Former Orcutt Refinery
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Santa Maria, California

Sample Location	Depth	Date	1,1,1,2-Tetrachloroethane	1,1,1-Trichloroethane	1,1,2,2-Tetrachloroethane	1,1,2-Trichloro-1,2,2-Trifluoroethane	1,1,2-Trichloroethane	1,1-Dichloroethane	1,1-Dichloroethene	1,1-Difluoroethane	1,2,4-Trichlorobenzene	1,2,4-Trimethylbenzene	1,2-Dibromoethane	1,2-Dichlorobenzene	1,2-Dichloroethane	1,2-Dichloropropane	1,3,5-Trimethylbenzene	1,3-Butadiene	1,3-Dichlorobenzene	1,4-Dichlorobenzene
SG19	5	6/21/2013	<7.0	<5.5	<7.0	<7.7	<5.5	<4.1	<4.0	-	<38	**25**	<7.8	<12	<4.1	<9.4	**7.2**	-	<12	<12
SG19	15	6/21/2013	<7.0	<5.5	<7.0	<7.7	<5.5	<4.1	<4.0	-	<38	**18**	<7.8	<12	<4.1	<9.4	**6.1**	-	<12	<12
SG20	5	6/21/2013	<700	<550	<700	<770	<550	<410	<400	-	<3800	<500	<780	<1200	<410	<940	<500	-	<1200	<1200
SG20	15	6/21/2013	<35	<28	<35	<39	<28	<21	<20	-	<190	<25	<39	<61	<21	<47	<25	-	<61	<61
SG21	5	6/21/2013	<7.0	<5.5	<7.0	<7.7	<5.5	<4.1	<4.0	-	<38	**45**	<7.8	<12	<4.1	<9.4	**14**	-	<12	<12
SG21	15	6/21/2013	<7.0	**5.6**	<7.0	<7.7	<5.5	<4.1	<4.0	-	<38	**18**	<7.8	<12	<4.1	<9.4	**7.4**	-	<12	<12
SG22	5	6/21/2013	<170	<140	<170	<190	<140	<100	<100	-	<940	**180**	<190	<300	<100	<230	**140**	-	<300	<300
SG22	15	6/21/2013	<700	<550	<700	<770	<550	<410	<400	-	<3800	**2,000**	<780	<1200	<410	<940	**1,100**	-	<1200	<1200
SG23	5	6/21/2013	<7.0	<5.5	<7.0	<7.7	<5.5	<4.1	<4.0	-	<38	<5.0	<7.8	<12	<4.1	<9.4	<5.0	-	<12	<12
SG23	15	6/21/2013	<7.0	<5.5	<7.0	<7.7	<5.5	<4.1	<4.0	-	<38	**5.8**	<7.8	<12	<4.1	<9.4	<5.0	-	<12	<12

Table 4
Soil Vapor Analytical Results - Volatile Organic Compounds
Former Orcutt Refinery
1550 West Stowell Road
Santa Maria, California

Sample Location	Depth	Date	1,4-Dioxane	2-Butanone	2-Hexanone	4-Ethyltoluene	4-Methyl-2-Pentanone	Acetone	Benzene	Benzyl Chloride	Bromodichloromethane	Bromoform	Bromomethane	cis-1,2-Dichloroethene	cis-1,3-Dichloropropene	Carbon Disulfide	Carbon Tetrachloride	Chlorobenzene	Chloroethane	Chloroform
SG19	5	6/21/2013	-	<30	<8.3	**6.4**	<8.3	**140**	**40**	-	<6.8	<10	<16	<4.0	<4.6	**16**	<6.4	<4.7	<8.0	<4.9
SG19	15	6/21/2013	-	<30	<8.3	<5.0	<8.3	**160**	**78**	-	<6.8	<10	<16	<4.0	<4.6	<6.3	<6.4	<4.7	<8.0	<4.9
SG20	5	6/21/2013	-	<3000	<830	<500	<830	<2400	**360**	-	<680	<1000	<1600	<400	<460	<630	<640	<470	<800	<490
SG20	15	6/21/2013	-	<150	<41	<25	<41	**120**	**68**	-	<34	<52	<79	<20	<23	<32	<32	<23	<40	<25
SG21	5	6/21/2013	-	<30	<8.3	**11**	<8.3	**260**	**62**	-	<6.8	<10	<16	<4.0	<4.6	**26**	<6.4	<4.7	<8.0	<4.9
SG21	15	6/21/2013	-	<30	<8.3	**5.6**	<8.3	**51**	**41**	-	<6.8	<10	<16	<4.0	<4.6	<6.3	<6.4	<4.7	<8.0	<4.9
SG22	5	6/21/2013	-	<750	<210	<120	<210	<600	**110**	-	<170	<260	<390	<100	<120	<160	<160	<120	<200	<120
SG22	15	6/21/2013	-	<3000	<830	**720**	<830	**6,900**	**3,000**	-	<680	<1000	<1600	<400	<460	**780**	<640	<470	<800	<490
SG23	5	6/21/2013	-	<30	<8.3	<5.0	<8.3	**39**	**16**	-	<6.8	<10	<16	<4.0	<4.6	<6.3	<6.4	<4.7	<8.0	<4.9
SG23	15	6/21/2013	-	<30	<8.3	<5.0	<8.3	<24	**20**	-	<6.8	<10	<16	<4.0	<4.6	<6.3	<6.4	<4.7	<8.0	<4.9

Table 4
Soil Vapor Analytical Results - Volatile Organic Compounds
Former Orcutt Refinery
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Santa Maria, California

Sample Location	Depth	Date	Chloromethane	Cyclohexane	Dibromochloromethane	Dichlorodifluoromethane	Dichlorotetrafluoroethane	Diisopropyl Ether (DIPE)	Ethanol	Ethyl Acetate	Ethylbenzene	Ethyl-t-Butyl Ether (ETBE)	Heptane	Hexachloro-1,3-Butadiene	Hexane	Isopropanol	Methylene Chloride	Methyl-t-Butyl Ether (MTBE)	Naphthalene	o-Xylene
SG19	5	6/21/2013	<2.1	-	<8.6	<5.0	<7.1	-	-	-	**33**	-	-	<54	-	-	**15**	-	<5.3	**31**
SG19	15	6/21/2013	<2.1	-	<8.6	<5.0	<7.1	-	-	-	**24**	-	-	<54	-	-	**51**	-	<5.3	**19**
SG20	5	6/21/2013	<210	-	<860	<500	<710	-	-	-	**8,800**	-	-	<5400	-	-	<350	-	<530	<440
SG20	15	6/21/2013	<10	-	<43	<25	<35	-	-	-	**63**	-	-	<270	-	-	**26**	-	<27	<22
SG21	5	6/21/2013	<2.1	-	<8.6	<5.0	<7.1	-	-	-	**34**	-	-	<54	-	-	**20**	-	<5.3	**33**
SG21	15	6/21/2013	<2.1	-	<8.6	<5.0	<7.1	-	-	-	**16**	-	-	<54	-	-	**7.4**	-	<5.3	**15**
SG22	5	6/21/2013	<52	-	<220	<130	<180	-	-	-	**360**	-	-	<1300	-	-	<88	-	<130	**240**
SG22	15	6/21/2013	<210	-	<860	<500	<710	-	-	-	**7,100**	-	-	<5400	-	-	<350	-	<530	**4,900**
SG23	5	6/21/2013	<2.1	-	<8.6	<5.0	<7.1	-	-	-	<4.4	-	-	<54	-	-	<3.5	-	<5.3	<4.4
SG23	15	6/21/2013	<2.1	-	<8.6	<5.0	<7.1	-	-	-	**7.3**	-	-	<54	-	-	<3.5	-	<5.3	<4.4

Table 4
Soil Vapor Analytical Results - Volatile Organic Compounds
Former Orcutt Refinery
1550 West Stowell Road
Santa Maria, California

Sample Location	Depth	Date	m,p-Xylene	Propene	Styrene	trans-1,2-Dichloroethene	trans-1,3-Dichloropropene	Tert-Amyl-Methyl Ether (TAME)	Tert-Butyl Alcohol (TBA)	Tetrachloroethene	Tetrahydrofuran	Toluene	Trichloroethene	Trichlorofluoromethane	Vinyl Acetate	Vinyl Chloride
SG19	5	6/21/2013	**73**	-	<4.3	<8.0	<4.6	-	-	<6.9	-	**33**	<5.5	<5.6	-	<2.6
SG19	15	6/21/2013	**43**	-	<4.3	<8.0	<4.6	-	-	<6.9	-	**17**	**5.7**	<5.6	-	<2.6
SG20	5	6/21/2013	<880	-	<430	<800	<460	-	-	<690	-	<380	<550	<560	-	<260
SG20	15	6/21/2013	<44	-	<22	<40	<23	-	-	<34	-	<19	<27	<28	-	<13
SG21	5	6/21/2013	**87**	-	<4.3	<8.0	<4.6	-	-	<6.9	-	**21**	<5.5	<5.6	-	<2.6
SG21	15	6/21/2013	**44**	-	<4.3	<8.0	<4.6	-	-	<6.9	-	**6.9**	<5.5	**7.8**	-	<2.6
SG22	5	6/21/2013	**720**	-	<110	<200	<120	-	-	<170	-	**470**	<140	<140	-	<65
SG22	15	6/21/2013	**27,000**	-	<430	<800	<460	-	-	<690	-	**5,200**	<550	<560	-	<260
SG23	5	6/21/2013	<8.8	-	<4.3	<8.0	<4.6	-	-	<6.9	-	<3.8	<5.5	<5.6	-	<2.6
SG23	15	6/21/2013	**10**	-	<4.3	<8.0	<4.6	-	-	<6.9	-	**5.6**	<5.5	<5.6	-	<2.6

Notes:

All results in micrograms per cubic meter (ug/m3)

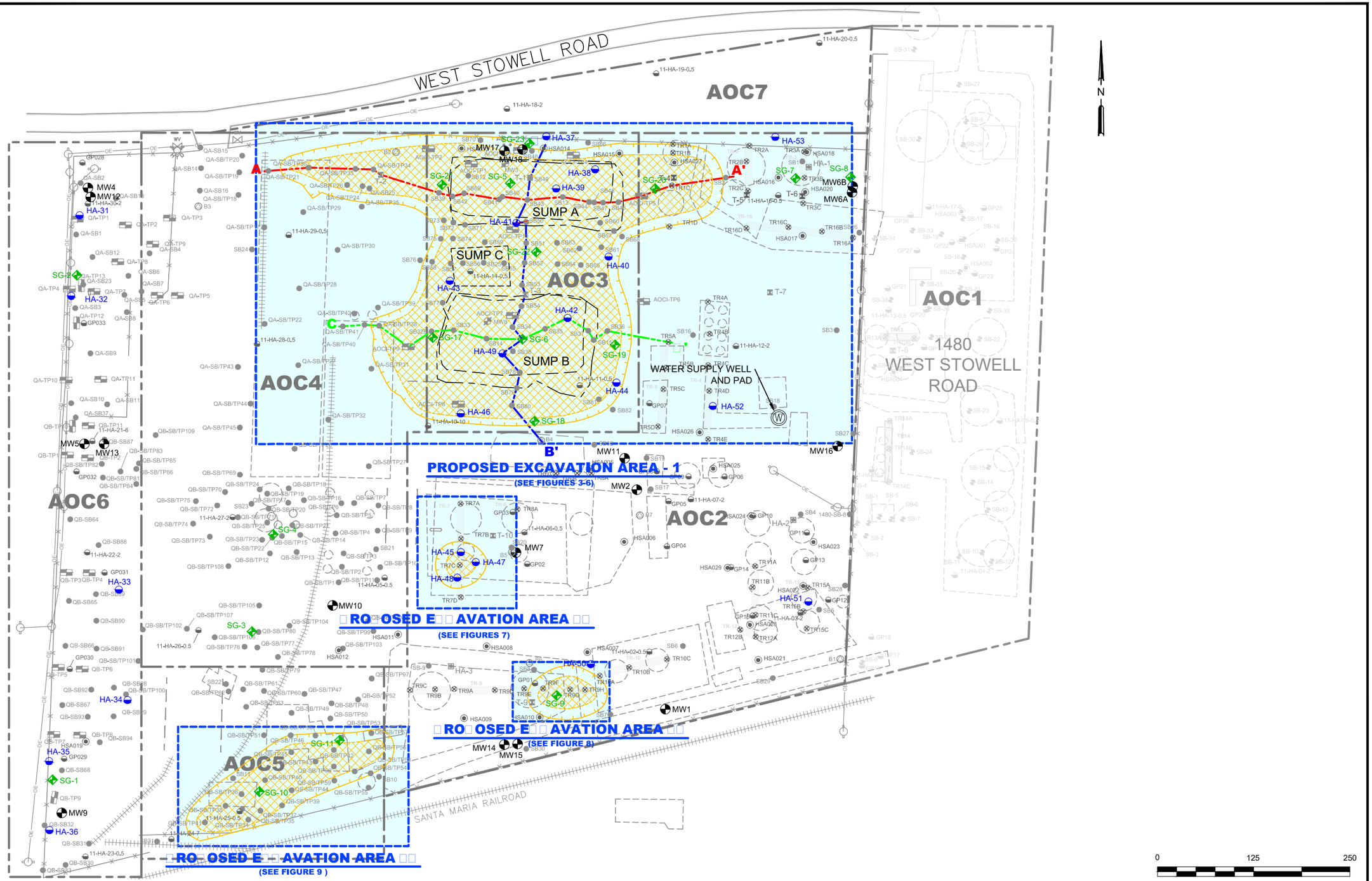
<10: Concentration less than the associated laboratory Reporting Limit (RL).

J: Estimated concentration detected between the Method Detection Limit and the Reporting Limit.

B: The method blank contains analyte at concentration greater than the RL.

Bold: Concentration > Laboratory Detection Limit (DL)

EPA TO-15



LEGEND

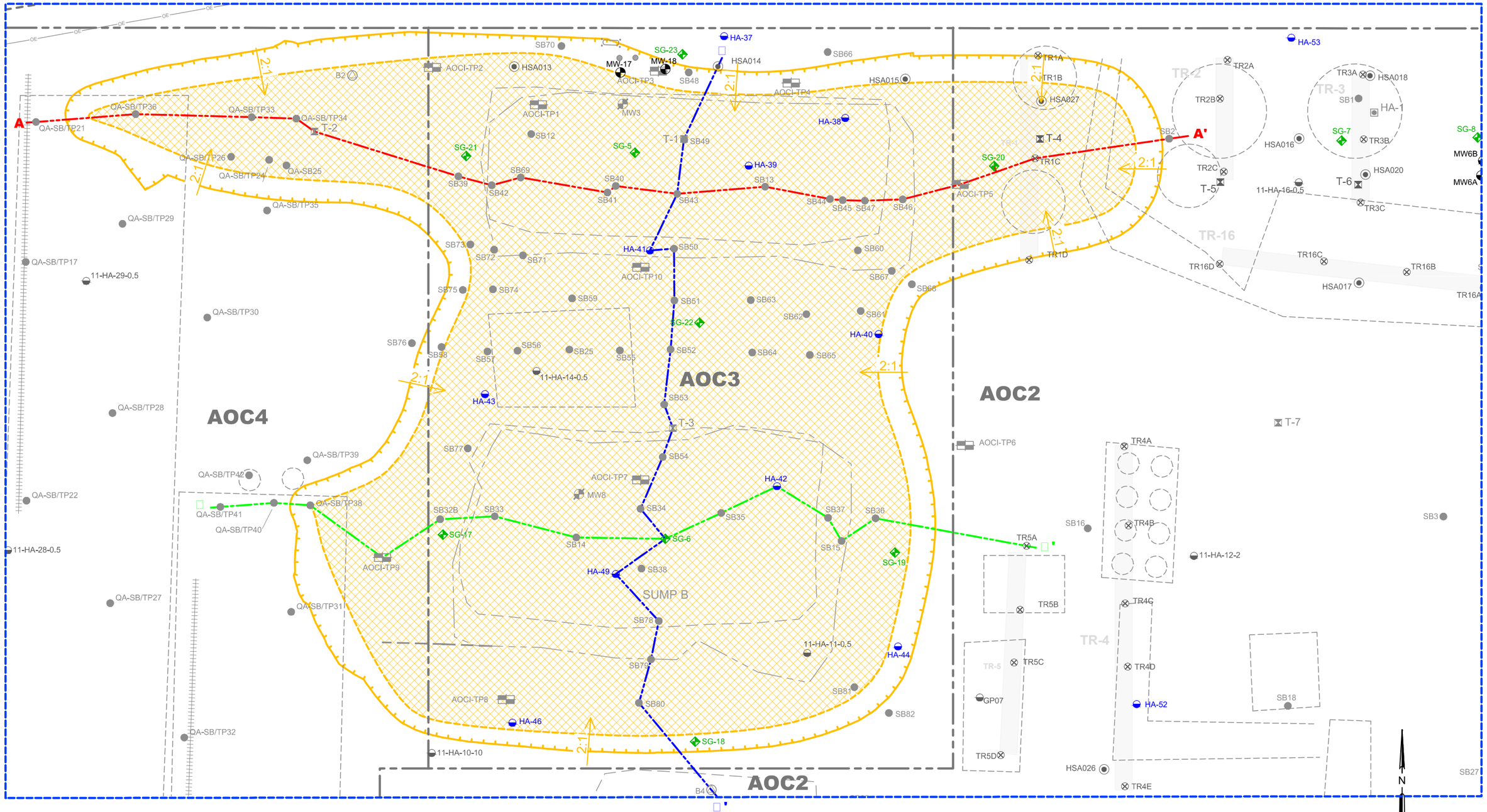
SG-16	STANTEC SOIL GAS PROBE LOCATION (JANUARY AND JUNE 2013)	11-HA09-0.5	STANTEC HAND AUGER LOCATION
HA-58	STANTEC HAND AUGER LOCATION (JANUARY 2013)	MW-11	MONITORING WELL
	STANTEC TRENCH LOCATION	HSA001	STANTEC HOLLOW STEM AUGER
TR13A	STANTEC TRENCH SAMPLE LOCATION	SB14	SOIL BORING LOCATION (ADVANCED BY PREVIOUS CONSULTANT)
GP26	STANTEC GEOPROBE LOCATION	HA-1	HAND AUGER LOCATION (ADVANCED BY PREVIOUS CONSULTANT)
	HISTORICAL REFINERY INFRASTRUCTURE	T-8	TRENCH LOCATION (EXCAVATED BY OTHERS)

MW-1	RINCON SOIL BORING/MONITORING WELL		APPROXIMATED EXTENT OF PROPOSED EXCAVATION BOTTOM BASED ON ELEVATED TPH, 1,2,3-TCP, DBCP
MW-8	ABANDONED MONITORING WELL	A____A'	GEOLOGIC CROSS SECTION ALIGNMENT
B5	RINCON HSA SOIL BORING LOCATION		
T-4	SECOR TRENCH LOCATION		

Stantec
3437 EMPRESA DR. SUITE A
SAN LUIS OBISPO, CALIFORNIA
PHONE: (805) 546-0455 FAX: (805) 546-0583

FOR: FORMER ORCUTT REFINERY 1550 WEST STOWELL ROAD SANTA MARIA, CALIFORNIA		SITE MAP WITH PROPOSED EXCAVATIONS	FIGURE: 2
JOB NUMBER: 211802642	DRAWN BY: SCS/JBL	CHECKED BY: RD	APPROVED BY: TP	DATE: 03/11/13

FILEPATH:P:\Cad 2003\Chevron\Orcutt Refinery\2013\Soil-Assessment-II\Version-2\1550 Base Map AOC-2.dwg Jlieberman Nov 01, 2013 at 11:18 Layout: Site Map



LEGEND

SG-16	STANTEC SOIL GAS PROBE LOCATION □JANUARY AND JUNE 2013□
HA-58	STANTEC HAND AUGER LOCATION □JANUARY 2013□
	STANTEC TRENCH LOCATION
TR13A	STANTEC TRENCH SAMPLE LOCATION
GP26	STANTEC GEOPROBE LOCATION
11-HA09-0.5	STANTEC HAND AUGER LOCATION
MW-11	MONITORING WELL
HSA001	STANTEC HOLLOW STEM AUGER
SB14	SOIL BORING LOCATION □ADVANCED BY PREVIOUS CONSULTANT□
HA-1	HAND AUGER LOCATION □ADVANCED BY PREVIOUS CONSULTANT□
T-8	TRENCH LOCATION □EXCAVATED BY OTHERS□
MW-1	RINCON SOIL BORING/MONITORING WELL
MW-8	ABANDONED MONITORING WELL
BS	RINCON HSA SOIL BORING LOCATION
T-4	SECOR TRENCH LOCATION
	APPROXIMATED EXTENT OF PROPOSED EXCAVATION BOTTOM BASED ON INDOOR VAPOR HEALTH RIS□

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SAN LUIS OBISPO, CALIFORNIA
PHONE: □805□546-0455 FAX: □805□546-0583

FOR:
FORMER ORCUTT REFINERY
1550 WEST STOWELL ROAD
SANTA MARIA, CALIFORNIA

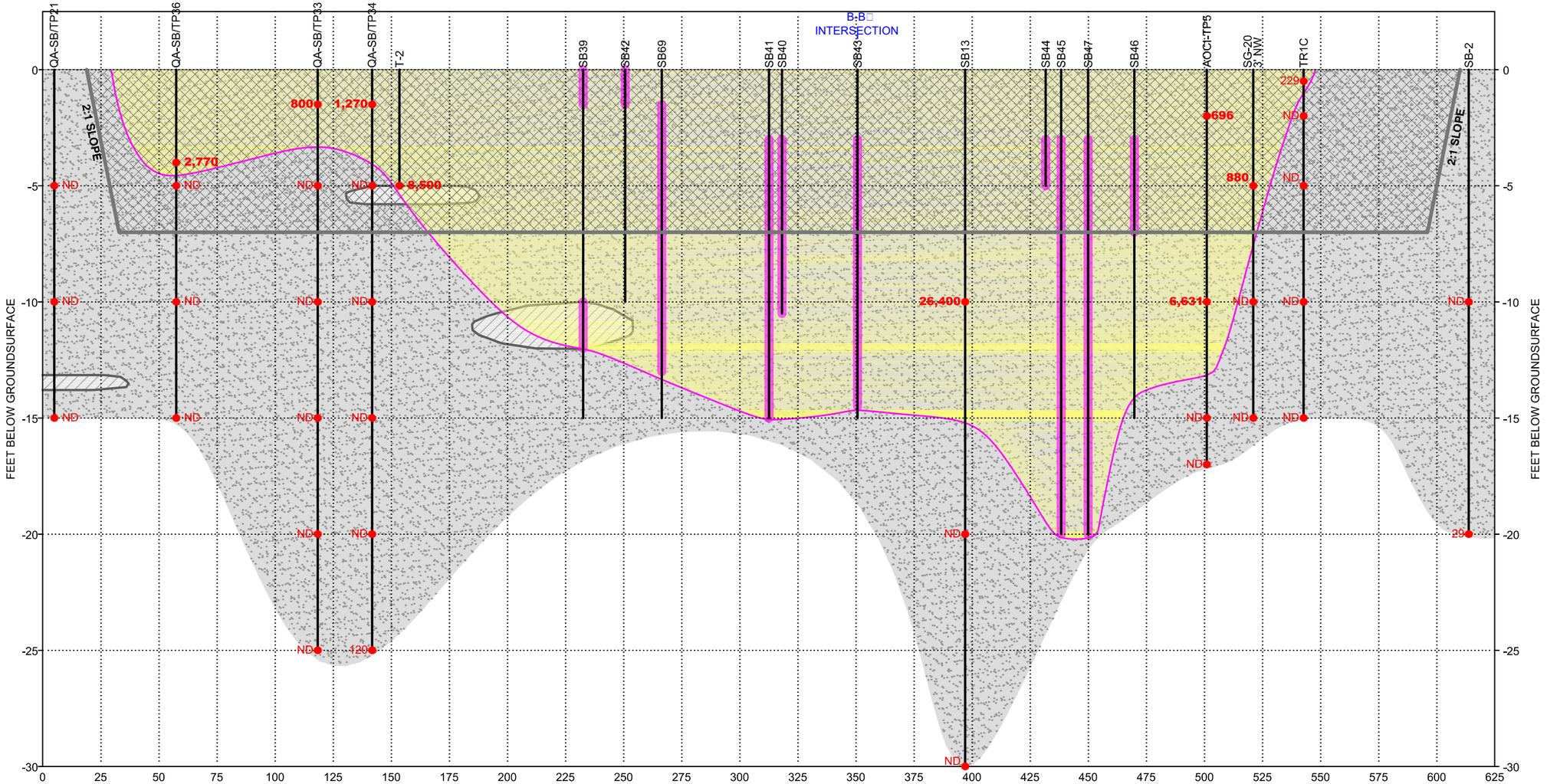
AREA 1
DETAILED SITE MAP

FIGURE: 3

JOB NUMBER:	DRAWN BY:	CHECKED BY:	APPROVED BY:	DATE:
211802642	SCS/JBL	RD	TP	10/18/13

FILEPATH:P:\Cad 2003\C□e□ron\Orcutt Refinery\2013\Soil-Assessment-II\Version-2\Area-1.dwg□lieberman□No□01, 2013 at 10:55□Layout: Site Map

ALIGNMENT PROFILE A-A□



SOIL:

5,960	SOIL ANALYTICAL DATA (TPH)mg/kg
TPH	TOTAL PETROLEUM HYDROCARBONS (C4-C40)
ND	TOTAL TPH (TPHg, TPHd, TPHo) CONCENTRATION LESS THAN THE ASSOCIATED LABORATORY REPORTING LIMIT (SEE TABLE 1)

INFERRED EXTENT OF TPH CONCENTRATION

SOIL BORING

NO ANALYTICAL DATA AVAILABLE - FIELD OBSERVATION INDICATING HYDROCARBON CONCENTRATION IN SOIL

LITHOLOGY:

FINE GRAINED SOILS (SILT, CLAY)

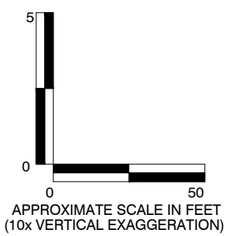
COARSE GRAINED SOILS

HYDROCARBON IMPACTED AREA:

HYDROCARBON IMPACTED AREA BASED ON FIELD OBSERVATION AND LAB ANALYSIS

PROPOSED:

REMEDIAL EXCAVATION BASED ON CURRENT INDOOR VAPOR HEALTH RISK



APPROXIMATE SCALE IN FEET
(10x VERTICAL EXAGGERATION)

NOTE:
SURFACE DELINEATION BASED ON FEET BELOW GROUND SURFACE DUE TO INSUFFICIENT AND OUTDATED TOPOGRAPHIC DATA

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SAN LUIS OBISPO, CALIFORNIA
PHONE: 805 546-0455 FAX: 805 546-0583

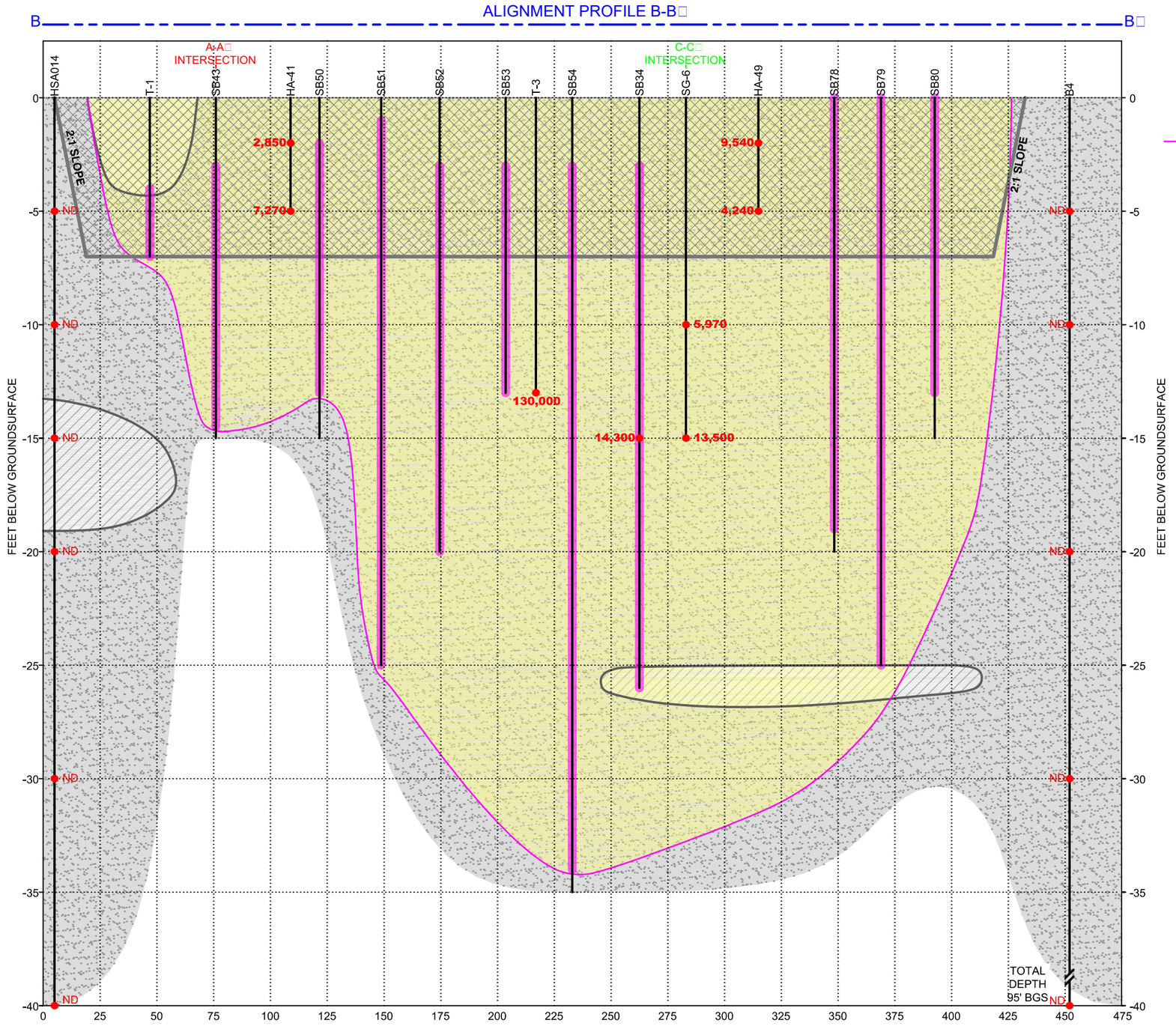
FOR:
FORMER ORCUTT REFINERY
1550 WEST STOWELL ROAD
SANTA MARIA, CALIFORNIA

GENERALIZED CROSS SECTION PROFILE
A-A□

FIGURE: 4

JOB NUMBER:	DRAWN BY:	CHECKED BY:	APPROVED BY:	DATE:
211802642	SCS/JBL	RD	TP	10/18/13

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SOIL:

5,960 — SOIL ANALYTICAL DATA (TPH)mg/kg

TPH — TOTAL PETROLEUM HYDROCARBONS (C4-C40)

ND — TOTAL TPH (TPHg, TPHd, TPHo) CONCENTRATION LESS THAN THE ASSOCIATED LABORATORY REPORTING LIMIT (SEE TABLE 1)

INFERRED EXTENT OF TPH CONCENTRATION

SOIL BORING

NO ANALYTICAL DATA AVAILABLE - FIELD OBSERVATION INDICATING HYDROCARBON CONCENTRATION IN SOIL

LITHOLOGY:

FINE GRAINED SOILS (SILT, CLAY)

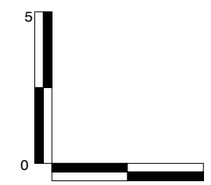
COARSE GRAINED SOILS

HYDROCARBON IMPACTED AREA:

HYDROCARBON IMPACTED AREA BASED ON FIELD OBSERVATION AND LAB ANALYSIS

PROPOSED:

REMEDIAL EXCAVATION BASED ON CURRENT INDOOR VAPOR HEALTH RISK



APPROXIMATE SCALE IN FEET
(10x VERTICAL EXAGGERATION)

NOTE:
SURFACE DELINEATION BASED ON FEET BELOW GROUND SURFACE DUE TO INSUFFICIENT AND OUTDATED TOPOGRAPHIC DATA

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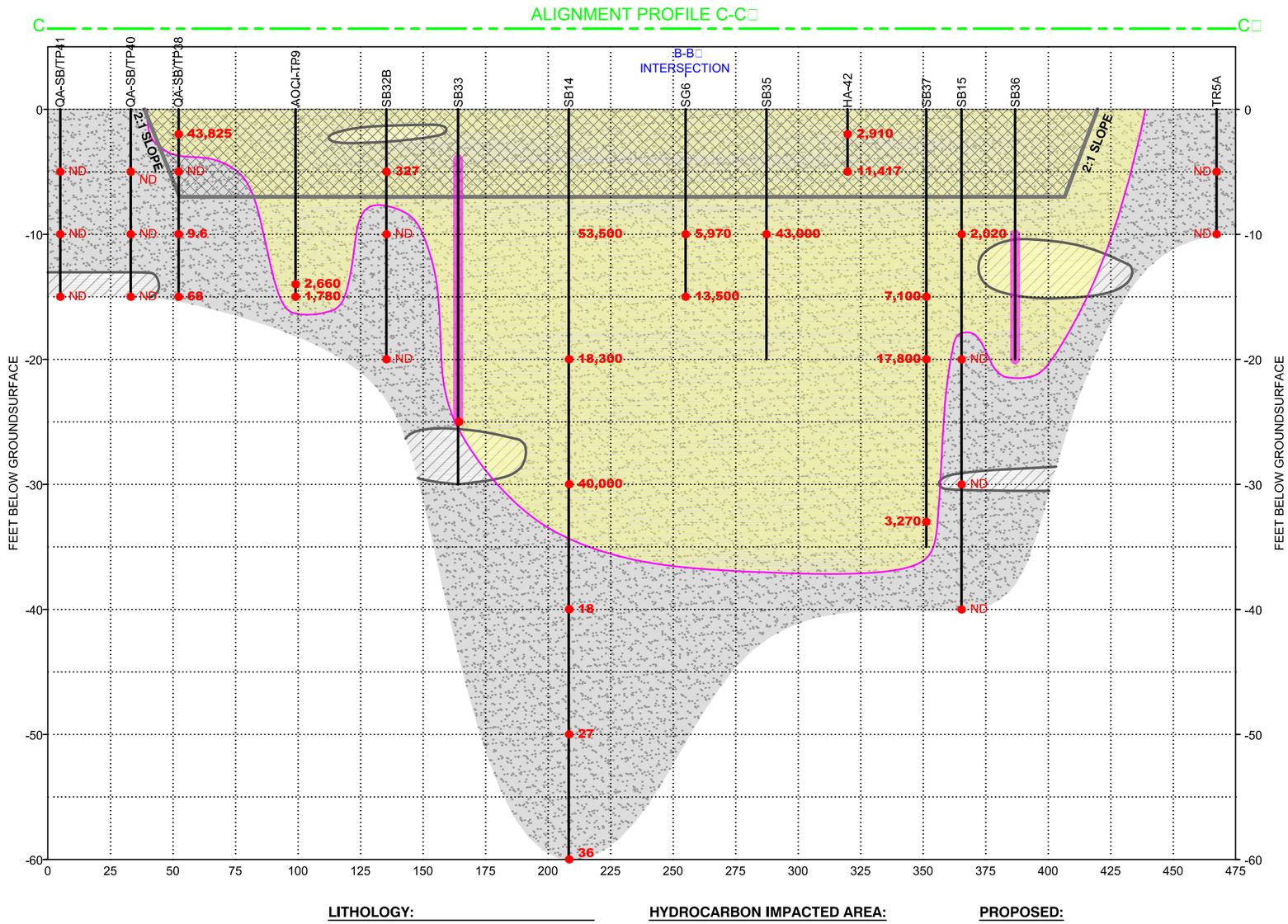
FOR:
FORMER ORCUTT REFINERY
1550 WEST STOWELL ROAD
SANTA MARIA, CALIFORNIA

GENERALIZED CROSS SECTION PROFILE
B-B

FIGURE: 5

JOB NUMBER:	DRAWN BY:	CHECKED BY:	APPROVED BY:	DATE:
211802642	SCS/JBL	RD	TP	10/18/13

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SOIL:

5,960	SOIL ANALYTICAL DATA (TPH)mg/kg
TPH	TOTAL PETROLEUM HYDROCARBONS (C4-C40)
ND	TOTAL TPH (TPHg, TPHd, TPHo) CONCENTRATION LESS THAN THE ASSOCIATED LABORATORY REPORTING LIMIT (SEE TABLE 1)

INFERRED EXTENT OF TPH CONCENTRATION

SOIL BORING

NO ANALYTICAL DATA AVAILABLE - FIELD OBSERVATION INDICATING HYDROCARBON CONCENTRATION IN SOIL

LITHOLOGY:

FINE GRAINED SOILS (SILT, CLAY)

COARSE GRAINED SOILS

HYDROCARBON IMPACTED AREA:

HYDROCARBON IMPACTED AREA BASED ON FIELD OBSERVATION AND LAB ANALYSIS

PROPOSED:

REMEDIAL EXCAVATION BASED ON CURRENT INDOOR VAPOR HEALTH RISK

NOTE:
SURFACE DELINEATION BASED ON FEET BELOW GROUND SURFACE DUE TO INSUFFICIENT AND OUTDATED TOPOGRAPHIC DATA

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SAN LUIS OBISPO, CALIFORNIA
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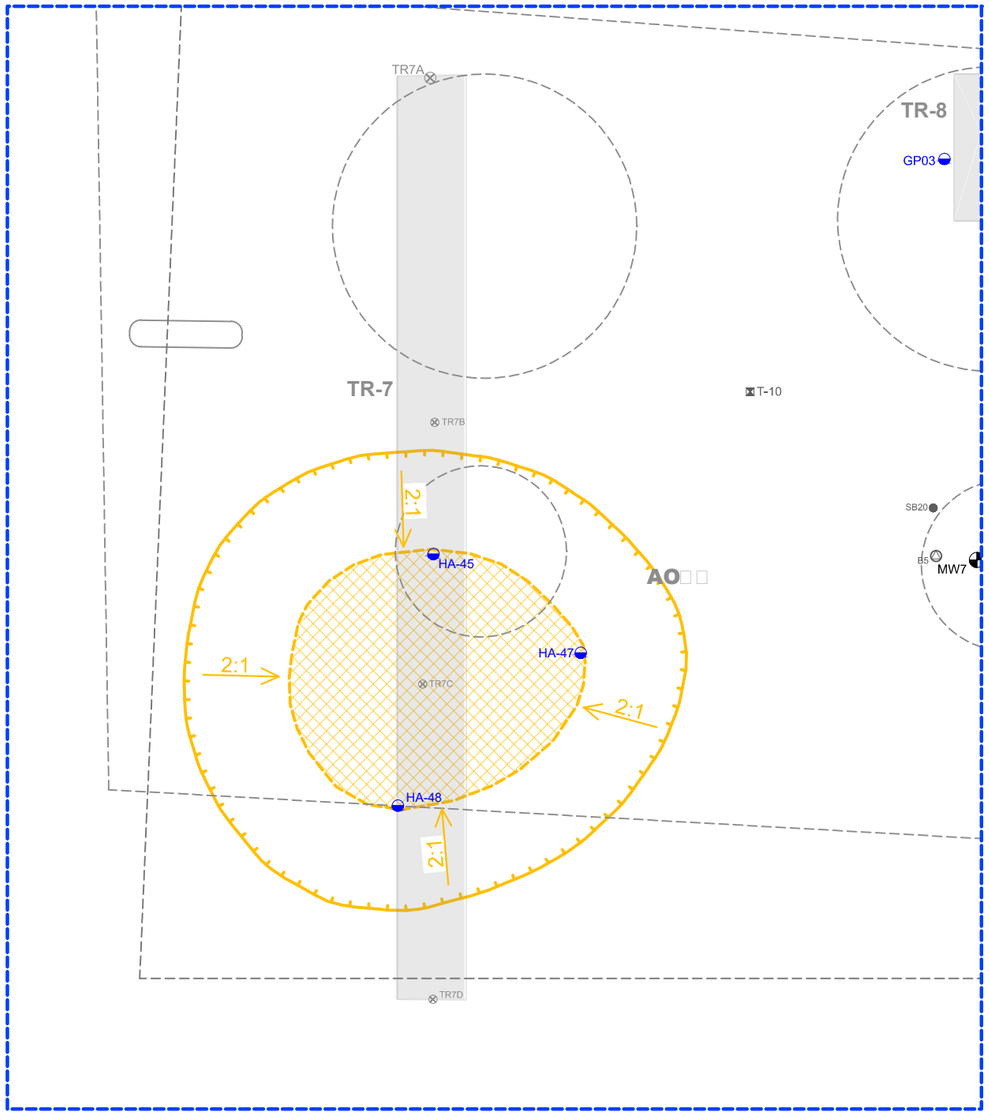
FOR:
FORMER ORCUTT REFINERY
1550 WEST STOWELL ROAD
SANTA MARIA, CALIFORNIA

GENERALIZED CROSS SECTION PROFILE
C-C□

FIGURE: 6

JOB NUMBER:	DRAWN BY:	CHECKED BY:	APPROVED BY:	DATE:
211802642	SCS/JBL	RD	TP	10/18/13

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AREA

N

LEGEND

SG-16	STANTEC SOIL GAS PROBE LOCATION (JANUARY 2013)	11-HA09-0.5	STANTEC HAND AUGER LOCATION
HA-58	STANTEC HAND AUGER LOCATION (JANUARY 2013)	MW-11	MONITORING WELL
	STANTEC TRENCH LOCATION	HSA001	STANTEC HOLLOW STEM AUGER
TR13A	STANTEC TRENCH SAMPLE LOCATION	SB14	SOIL BORING LOCATION (ADVANCED BY PREVIOUS CONSULTANT)
GP26	STANTEC GEOPROBE LOCATION	HA-1	HAND AUGER LOCATION (ADVANCED BY PREVIOUS CONSULTANT)
		T-8	TRENCH LOCATION (EXCAVATED BY OTHERS)

MW-1	RINCON SOIL BORING/MONITORING WELL
MW-8	ABANDONED MONITORING WELL
B5	RINCON HSA SOIL BORING LOCATION
T-4	SECOR TRENCH LOCATION
	APPROXIMATED EXTENT OF PROPOSED EXCAVATION BOTTOM BASED ON ELEVATED TPH, 1,2,3-TCP, DBCP

0 20 40

APPROXIMATE SCALE IN FEET

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3437 EMPRESA DR. SUITE A
SAN LUIS OBISPO, CALIFORNIA
PHONE: (805) 546-0455 FAX: (805) 546-0583

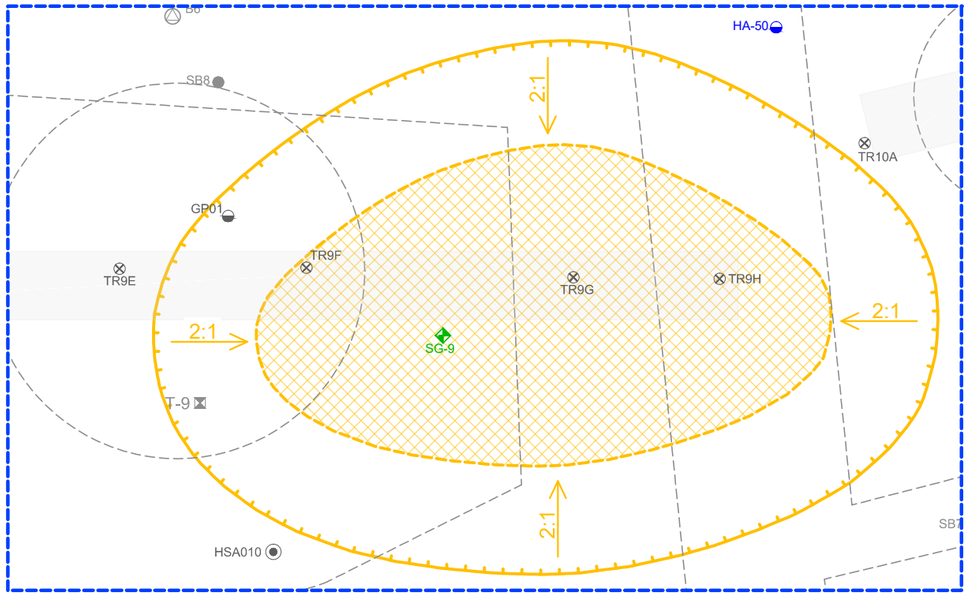
FOR:
FORMER ORCUTT REFINERY
1550 WEST STOWELL ROAD
SANTA MARIA, CALIFORNIA

AREA 2
DETAILED SITE MAP

FIGURE: 7

JOB NUMBER:	DRAWN BY:	CHECKED BY:	APPROVED BY:	DATE:
211802642	SCS/JBL	RD	TP	05/17/13

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AREA □□

LEGEND

SG-16	STANTEC SOIL GAS PROBE LOCATION □JANUARY 2013□	11-HA09-0.5	STANTEC HAND AUGER LOCATION	MW-1	RINCON SOIL BORING/MONITORING WELL
HA-58	STANTEC HAND AUGER LOCATION □JANUARY 2013□	MW-11	MONITORING WELL	MW-8	ABANDONED MONITORING WELL
	STANTEC TRENCH LOCATION	HSA001	STANTEC HOLLOW STEM AUGER	B5	RINCON HSA SOIL BORING LOCATION
TR13A	STANTEC TRENCH SAMPLE LOCATION	SB14	SOIL BORING LOCATION □ADVANCED BY PREVIOUS CONSULTANT□	T-4	SECOR TRENCH LOCATION
GP26	STANTEC GEOPROBE LOCATION	HA-1	HAND AUGER LOCATION □ADVANCED BY PREVIOUS CONSULTANT□		
		T-8	TRENCH LOCATION □EXCAVATED BY OTHERS□		APPROXIMATED EXTENT OF PROPOSED EXCAVATION BOTTOM BASED ON ELEVATED TPH, 1,2,3-TCP, DBCP

0 20 40

APPROXIMATE SCALE IN FEET

Stantec
3437 EMPRESA DR. SUITE A
SAN LUIS OBISPO, CALIFORNIA
PHONE: □805□546-0455 FAX: □805□546-0583

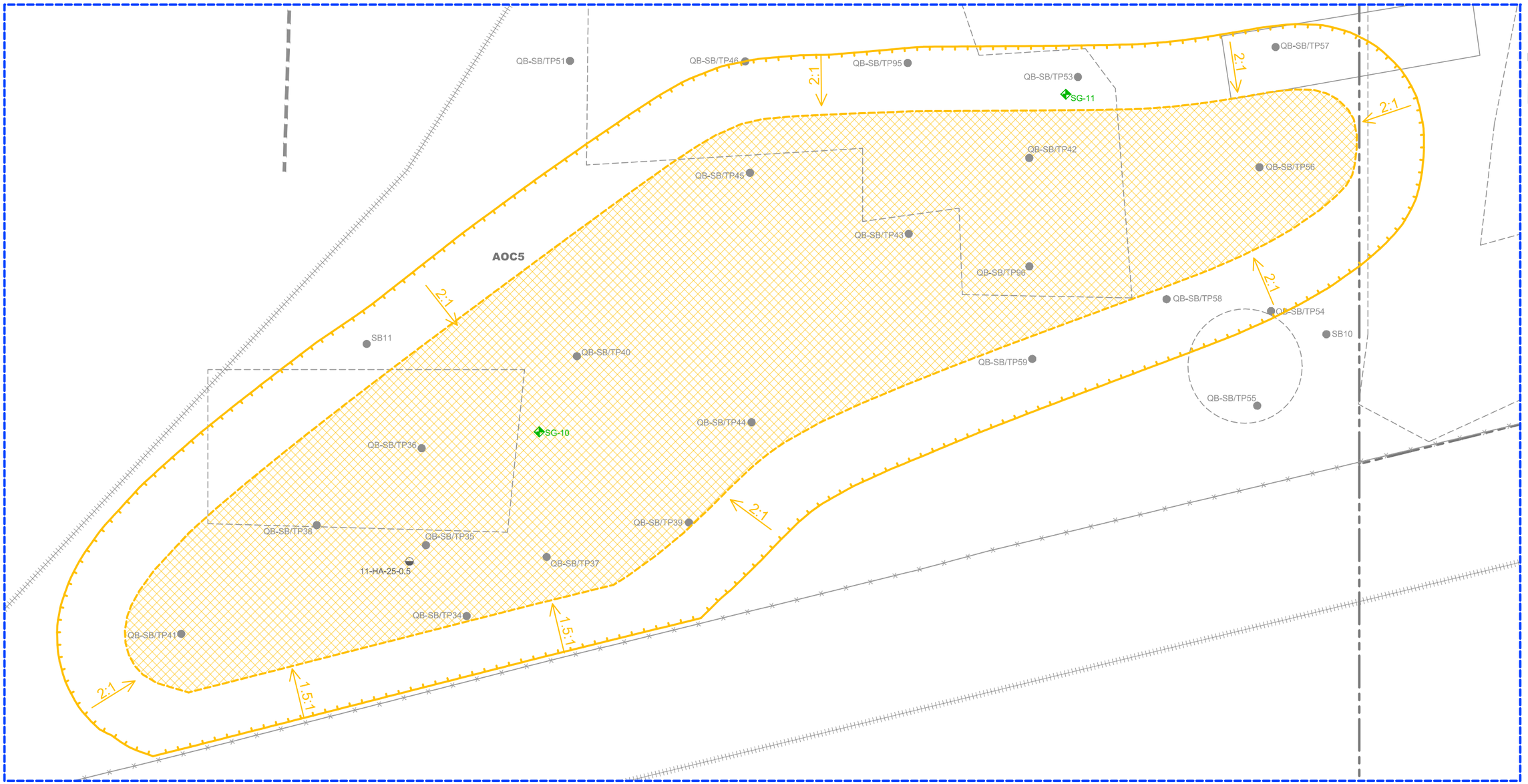
FOR:
FORMER ORCUTT REFINERY
1550 WEST STOWELL ROAD
SANTA MARIA, CALIFORNIA

AREA 3
DETAILED SITE MAP

FIGURE: 8

JOB NUMBER:	DRAWN BY:	CHECKED BY:	APPROVED BY:	DATE:
211802642	SCS/JBL	RD	TP	03/11/13

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AREA □□

LEGEND

SG-16	STANTEC SOIL GAS PROBE LOCATION □JANUARY 2013□	11-HA09-0.5	STANTEC HAND AUGER LOCATION	MW-1	RINCON SOIL BORING/MONITORING WELL
HA-58	STANTEC HAND AUGER LOCATION □JANUARY 2013□	MW-11	MONITORING WELL	MW-8	ABANDONED MONITORING WELL
	STANTEC TRENCH LOCATION	HSA001	STANTEC HOLLOW STEM AUGER	BS	RINCON HSA SOIL BORING LOCATION
TR13A	STANTEC TRENCH SAMPLE LOCATION	SB14	SOIL BORING LOCATION □ADVANCED BY PREVIOUS CONSULTANT□	T-4	SECOR TRENCH LOCATION
GP26	STANTEC GEOPROBE LOCATION	HA-1	HAND AUGER LOCATION □ADVANCED BY PREVIOUS CONSULTANT□		
		T-8	TRENCH LOCATION □EXCAVATED BY OTHERS□		APPROXIMATED EXTENT OF PROPOSED EXCAVATION BOTTOM BASED ON ELEVATED TPH, 1,2,3-TCP, DBCP

0 20 40

APPROXIMATE SCALE IN FEET

Stantec
3437 EMPRESA DR. SUITE A
SAN LUIS OBISPO, CALIFORNIA
PHONE: □805□546-0455 FAX: □805□546-0583

FOR:
FORMER ORCUTT REFINERY
1550 WEST STOWELL ROAD
SANTA MARIA, CALIFORNIA

AREA 4
DETAILED SITE MAP

FIGURE: 9

JOB NUMBER:	DRAWN BY:	CHECKED BY:	APPROVED BY:	DATE:
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APPENDIX D
HISTORICAL SOIL REMEDIATION DATA

Table 1
Soil Analytical Results - Total Petroleum Hydrocarbons and BTEX
Former Orcutt Refinery
1550 West Stowell Road
Santa Maria, California

Sample Location	Date	Depth (bfg)	TPHg (C4-C12)	TPHd (C13-C22)	TPHo (C23-C40)	Total TPH (C4-C40)	Benzene	Toluene	Ethylbenzene	Total Xylenes
Area1-Bot1-5'	6/13/2014	8	<0.50	**2,300**	**5,300**	**7,600**	<0.0049	<0.0049	<0.0049	<0.0049
Area1-Bot2-5'	6/13/2014	8	**590**	**18,000**	**13,000**	**31,590**	<2.4	<2.4	<2.4	<2.4
Area1-Bot3-5'	6/13/2014	8	**5,100**	**700**	**880**	**6,680**	**4.9**	<2.5	**13**	<2.5
Area1-Bot4-5'	6/13/2014	8	<0.49	**2,000**	**2,500**	**4,500**	<0.0050	<0.0050	<0.0050	<0.0050
Area1-Bot5-5'	6/13/2014	8	<0.50	**1,300**	**2,700**	**4,000**	<0.0048	<0.0048	<0.0048	<0.0048
Area1-Bot6-6.5'	6/13/2014	8	<0.49	<10	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
Area1-Bot7-5'	6/18/2014	8	**1,200**	**17,000**	**16,000**	**34,200**	<2.5	<2.5	**3.3**	**5.6**
Area1-Bot8-5'	6/18/2014	8	<0.49	**1,400**	**2,600**	**4,000**	**0.04**	<0.024	<0.024	<0.024
Area1-Bot9-5'	6/18/2014	8	**1,300**	**1,300**	**1,300**	**3,900**	<2.5	<2.5	**2.5**	<2.5
Area1-Bot10-5'	6/18/2014	9	**970**	**3,300**	**3,100**	**7,370**	<2.5	<2.5	<2.5	<2.5
Area1-Bot11-5'	6/25/2014	7	<0.48	<10	<50	ND	<0.0047	<0.0047	<0.0047	<0.0047
Area1-Bot13-5'	6/25/2014	8	<0.50	<10	<50	ND	<0.0051	<0.0051	<0.0051	<0.0051
Area1-Bot14-5'	6/25/2014	7	**6,400**	**1,100**	**1,400**	**8,900**	**6.4**	**18**	**18**	**55**
Area1-Bot15-6'	6/25/2014	8	**1,700**	**750**	**1,000**	**3,450**	**1.3**	<1.2	**4.5**	<1.2
Area1-Bot16-6'	6/25/2014	8	**610**	**8,500**	**7,800**	**16,910**	<1.2	<1.2	<1.2	<1.2
Area1-Bot17-6'	6/25/2014	8	<0.50	**730**	**1,500**	**2,230**	<0.0047	<0.0047	<0.0047	<0.0047
Area1-Bot18-6'	6/25/2014	7	<0.50	<10	<50	ND	<0.0046	<0.0046	<0.0046	<0.0046
Area1-Bot19-8'	7/2/2014	8	<0.50	**30**	<50	**30**	<0.0050	<0.0050	<0.0050	<0.0050
Area1-Bot20-8'	7/2/2014	8	<0.50	**270**	**360**	**630**	<0.0049	<0.0049	<0.0049	<0.0049
Area1-Bot21-8'	7/2/2014	8	<0.49	**270**	**160**	**430**	<0.025	<0.025	<0.025	<0.025
Area1-Bot22-7.5'	7/2/2014	8	**5.0**	**240**	**270**	**515**	<0.25	**0.88**	**2.8**	**18**
Area1-Bot23-7'	7/2/2014	8	<0.50	**390**	**520**	**910**	<0.024	<0.024	<0.024	<0.024
Area1-Bot24-6.5'	7/9/2014	9	**520**	**4,100**	**4,000**	**8,620**	<2.5	<2.5	<2.5	<2.5
Area1-Bot25-6.5'	7/9/2014	9	**1,200**	**1,900**	**1,900**	**5,000**	<2.4	<2.4	<2.4	<2.4
Area1-Bot26-13'	7/16/2014	13	**1,600**	**13,000**	**16,000**	**30,600**	<2.5	<2.5	<2.5	**3.5**
Area1-Bot27-13'	7/16/2014	13	**920**	**13,000**	**18,000**	**31,920**	<2.5	**6.6**	**4.1**	**18**
Area1-Bot28-11'	7/23/2014	11	**2,100**	**32,000**	**29,000**	**63,100**	**2.3**	**5.5**	**5.6**	**18**
Area1-Bot29-10'	7/23/2014	10	**690**	**21,000**	**29,000**	**50,690**	**0.66**	**1.8**	**2.5**	**5.3**
Area1-Bot30-11'	7/23/2014	14	**1,200**	**26,000**	**16,000**	**43,200**	**2.0**	**3.2**	**3.2**	**9.6**
Area1-Bot31-11'	7/23/2014	14	**2,100**	**12,000**	**12,000**	**26,100**	**2.6**	<0.63	**21**	**3.9**
Area1-Bot32-7'	7/30/2014	9	**2,800**	**4,000**	**3,200**	**10,000**	<1.2	<1.2	<1.2	**4.6**
Area1-Bot33-14'	7/30/2014	14	**100**	**7,500**	**26,000**	**33,600**	**0.031**	**0.081**	**0.036**	**0.11**
Area1-Bot34-14'	7/30/2014	14	**69**	**8,200**	**35,000**	**43,269**	<0.24	<0.24	**0.28**	**0.69**
Area1-Bot35-13'	7/30/2014	13	**210**	**2,800**	**6,300**	**9,310**	<0.25	<0.25	**0.48**	**0.92**
Area1-Bot36-11'	7/30/2014	13	**840**	**2,000**	**2,200**	**5,040**	<1.1	**1.6**	**2.2**	**6.7**
Area1-Bot37-11'	7/30/2014	12	**100**	**1,300**	**960**	**2,360**	<0.25	<0.25	<0.25	<0.25
Area1-Bot38-12'	7/30/2014	13	**200**	**6,000**	**20,000**	**26,200**	**0.25**	**0.48**	**1.1**	**3.0**
Area1-Bot39-13'	7/30/2014	13	**57**	**11,000**	**28,000**	**39,057**	<0.23	<0.23	**0.27**	**0.93**
Area1-Bot40-14'	7/30/2014	13	**59**	**3,800**	**17,000**	**20,859**	<0.024	**0.061**	<0.024	**0.079**
Area1-Bot41-8'	7/30/2014	8	<0.50	<10	<50	ND	<0.0049	<0.0049	<0.0049	<0.0049
Area1-Bot42-7'	7/30/2014	7	<0.50	<10	<50	ND	<0.0049	<0.0049	<0.0049	<0.0049
Area1-Bot43-6'	7/30/2014	7	<0.49	<10	<50	ND	<0.0049	<0.0049	<0.0049	<0.0049
Area1-Bot44-6'	7/30/2014	8	<0.50	<10	<50	ND	<0.0049	<0.0049	<0.0049	<0.0049
Area1-Bot45-7'	7/30/2014	8	**650**	**13,000**	**13,000**	**26,650**	<1.2	<1.2	<1.2	**1.3**
Area1-Bot46-7'	8/6/2014	7	<0.50	<10	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
Area1-Bot47-7.5'	8/6/2014	8	<0.50	**130**	**180**	**310**	<0.0050	<0.0050	<0.0050	<0.0050
Area1-Bot48-8'	8/6/2014	9	**56**	**1,800**	**3,100**	**4,956**	<0.25	<0.25	**0.59**	<0.25
Area1-Bot49-7'	8/6/2014	7	<0.50	<10	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
Area1-Bot50-7.5'	8/6/2014	8	<0.50	<10	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
Area1-Bot51-6'	8/6/2014	7	<0.50	<10	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
Area1-Bot52-8'	8/6/2014	9	<0.50	<10	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
Area1-Bot53-4'	8/6/2014	4	<0.49	<10	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
Area1-Bot54-4'	8/6/2014	4	<0.50	<10	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
Area1-Bot55-3'	8/6/2014	3	<0.50	<10	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
Area1-Bot56-4'	8/6/2014	4	<0.50	**3,400**	**8,000**	**11,400**	<0.0050	<0.0050	<0.0050	<0.0050
Area1-Bot56a-7'	8/18/2014	7	<0.49	<10	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
Area1-Bot57-2.5'	8/7/2014	5	<0.49	<10	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
Area1-Bot58-1.5'	8/7/2014	5	<0.49	<10	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
Area1-Bot59-1.5'	8/7/2014	3	<0.49	<10	<50	ND	<0.0049	<0.0049	<0.0049	<0.0049
Area1-Bot60-7'	8/7/2014	8	<0.49	**4,100**	**7,800**	**11,900**	<0.0050	<0.0050	<0.0050	<0.0050

Table 1
Soil Analytical Results - Total Petroleum Hydrocarbons and BTEX
Former Orcutt Refinery
1550 West Stowell Road
Santa Maria, California

Sample Location	Date	Depth (bfg)	TPHg (C4-C12)	TPHd (C13-C22)	TPHo (C23-C40)	Total TPH (C4-C40)	Benzene	Toluene	Ethylbenzene	Total Xylenes
Area1-Bot61-1.5'	8/7/2014	3	<0.50	<10	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
Area1-Bot62-7'	8/7/2014	8	<0.49	**130**	**300**	**430**	<0.0050	<0.0050	<0.0050	<0.0050
Area1-Bot63-4'	8/7/2014	4	<0.49	**560**	**1,200**	**1,760**	<0.0050	<0.0050	<0.0050	<0.0050
Area1-Bot63a-6'	8/18/2014	7	<0.49	**1,600**	**1,800**	**3,400**	<0.0050	<0.0050	<0.0050	<0.0050
Area1-Bot64-4'	8/7/2014	5	<0.50	**13**	**76**	**89**	<0.0050	<0.0050	<0.0050	<0.0050
Area1-Bot65-6'	8/18/2014	7	<0.49	**73**	<50	**73**	<0.0050	<0.0050	<0.0050	<0.0050
Area1-Bot66-2'	8/18/2014	4	<0.49	<10	<50	ND	<0.0049	<0.0049	<0.0049	<0.0049
Area1-Bot67-1'	8/18/2014	3	<0.48	<10	<50	ND	<0.0049	<0.0049	<0.0049	<0.0049
Area1-Bot68-1'	8/18/2014	4	<0.49	<10	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
Area1-Bot69-5.5'	8/18/2014	8	<0.49	**31**	<50	**31**	<0.0050	<0.0050	<0.0050	<0.0050
Area1-Bot70-7'	8/18/2014	8	<0.49	<10	<50	ND	<0.0049	<0.0049	<0.0049	<0.0049
Area1-Bot71-7'	8/18/2014	8	<0.49	**750**	<500	**750**	<0.025	<0.025	<0.025	<0.025
Area1-Bot72-7'	8/18/2014	8	**810**	**2,100**	**1,500**	**4,410**	<2.5	<2.5	<2.5	<2.5
Area1-Bot73-7'	8/18/2014	8	**130**	**800**	<480	**930**	<0.25	<0.25	<0.25	<0.25
Area1-Bot74-8'	8/18/2014	9	<0.50	<10	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
Area1-Bot75-7'	8/18/2014	7	<0.49	<10	<50	ND	<0.0049	<0.0049	<0.0049	<0.0049
Area1-Bot76-2'	8/18/2014	3	<0.50	<10	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
Area1-Bot77-2.5'	8/18/2014	3	<0.50	<10	<50	ND	<0.0049	<0.0049	<0.0049	<0.0049
Area1-Bot78-2'	8/18/2014	2	<0.49	<10	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
Area1-Bot79-2'	8/18/2014	2	<0.49	<10	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
Area1-Bot80-7'	8/18/2014	7	**490**	**13,000**	**12,000**	**25,490**	<2.5	<2.5	<2.5	<2.5
Area1-SW-W1-2.5'	7/25/2014	5	<0.50	<10	<50	ND	<0.0049	<0.0049	<0.0049	<0.0049
Area1-SW-W2-2.5'	7/25/2014	4	<0.49	<10	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
Area1-SW-W3-2'	7/25/2014	4	<0.50	**41**	<50	**41**	<0.0049	<0.0049	<0.0049	<0.0049
Area1-SW-W4-2'	7/25/2014	7	<0.50	**200**	**1,200**	**1,400**	<0.0050	<0.0050	<0.0050	<0.0050
Area1-SW-W5-2.5'	8/18/2014	7	<0.50	**56**	<50	**56**	<0.0051	<0.0051	<0.0051	<0.0051
Area1-SW-W6-2.5'	8/18/2014	6	<0.50	**11**	<50	**11**	<0.0050	<0.0050	<0.0050	<0.0050
Area1-SW-W7-1'	8/18/2014	3	<0.49	<10	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
Area1-SW-W8-3'	8/18/2014	6	<0.49	<10	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
Area1-SW-W9-2'	8/18/2014	3	<0.49	**79**	**82**	**161**	<0.0050	<0.0050	<0.0050	<0.0050
Area1-SW-W10-2'	8/18/2014	3	<0.49	<10	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
Area1-SW-W11-1'	8/18/2014	1	<0.49	<10	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
Area1-SW-W12-2'	8/18/2014	2	<0.50	**33**	**160**	**193**	<0.0050	<0.0050	<0.0050	<0.0050
Area1-SW-W13-1.5'	8/22/2014	2	<0.50	**490**	**1,800**	**2,290**	<0.0049	<0.0049	<0.0049	<0.0049
Area1-SW-W13a-1.5'	9/24/2014	2	<0.49	<10	<50	ND	<0.0049	<0.0049	<0.0049	<0.0049
Area1-SW-S1-2'	7/25/2014	5	<0.49	<10	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
Area1-SW-S2-2.5'	7/25/2014	5	<0.49	<10	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
Area1-SW-S3-2.5'	7/25/2014	5	<0.50	**270**	**2,000**	**2,270**	<0.0050	<0.0050	<0.0050	<0.0050
Area1-SW-S4-2.5'	7/25/2014	5	<0.49	**930**	**4,700**	**5,630**	<0.0048	<0.0048	<0.0048	<0.0048
Area1-SW-S5-3'	7/25/2014	5	<0.50	**460**	**1,800**	**2,260**	<0.0050	<0.0050	<0.0050	<0.0050
Area1-SW-S5A-2.5'	7/29/2014	5	<0.50	**160**	**420**	**580**	<0.0050	<0.0050	<0.0050	<0.0050
Area1-SW-E1-3'	7/25/2014	4	<0.50	<10	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
Area1-SW-E2-2.5'	7/25/2014	5	<0.49	<10	<50	ND	<0.0049	<0.0049	<0.0049	<0.0049
Area1-SW-E3-3'	7/30/2014	5	<0.50	**590**	**2,700**	**3,290**	<0.0050	<0.0050	<0.0050	<0.0050
Area1-SW-E3A-2'	8/12/2014	3	<0.50	<10	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
Area1-SW-E4-2'	7/30/2014	3	<0.49	<10	<50	ND	<0.0049	<0.0049	<0.0049	<0.0049
Area1-SW-E5-2'	8/7/2014	4	<0.50	**26**	**180**	**206**	<0.0050	<0.0050	<0.0050	<0.0050
Area1-SW-E6-2.5'	8/7/2014	3	<0.49	<10	<50	ND	<0.0049	<0.0049	<0.0049	<0.0049
Area1-SW-E7-2'	8/7/2014	2	<0.50	<10	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
Area1-SW-E8-2'	8/7/2014	3	<0.50	**340**	**1,200**	**1,540**	<0.0050	<0.0050	<0.0050	<0.0050
Area1-SW-E8a-3'	8/18/2014	3	<0.50	**280**	**960**	**1,240**	<0.0050	<0.0050	<0.0050	<0.0050
Area1-SW-E8b-1.5'	8/18/2014	2	<0.49	<10	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
Area1-SW-E9-2'	8/7/2014	2	<0.49	<10	<50	ND	<0.0049	<0.0049	<0.0049	<0.0049
Area1-SW-E10-1.5'	8/7/2014	1	<0.50	<10	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
Area1-SW-E11-1.5'	8/7/2014	1	<0.50	<10	<50	ND	<0.0049	<0.0049	<0.0049	<0.0049
Area1-SW-N1-3'	9/22/2014	3	<0.50	<10	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
Area1-SW-N2-3'	9/22/2014	3	<0.50	<10	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
Area1-SW-N3-3'	9/23/2014	3	<0.50	<10	<50	ND	<0.0051	<0.0051	<0.0051	<0.0051
Area1-SW-N4-3'	9/23/2014	3	<0.50	**1,200**	**3,100**	**4,300**	<0.0049	<0.0049	<0.0049	<0.0049
Area1-SW-N5-3'	9/23/2014	3	<0.49	<10	<50	ND	<0.0049	<0.0049	<0.0049	<0.0049

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Sample Location	Date	Depth (bfg)	TPHg (C4-C12)	TPHd (C13-C22)	TPHo (C23-C40)	Total TPH (C4-C40)	Benzene	Toluene	Ethylbenzene	Total Xylenes
Area1-SW-N6-3'	9/23/2014	3	<0.49	<10	<50	ND	<0.0051	<0.0051	<0.0051	<0.0051
Area1-SW-N7-3'	9/23/2014	3	<0.49	<10	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
Area1-SW-N8-3'	9/24/2014	3	<0.48	<10	<50	ND	<0.0048	<0.0048	<0.0048	<0.0048
Area1-SW-N9-3'	9/24/2014	3	<0.50	<10	<50	ND	<0.0048	<0.0048	<0.0048	<0.0048
Area1-SW-N10-3'	9/24/2014	3	<0.49	<10	<50	ND	<0.0048	<0.0048	<0.0048	<0.0048
Area1-PH1-5.5'	6/26/2014	6	<0.49	<10	<50	ND	<0.0048	<0.0048	<0.0048	<0.0048
Area1-PH2-6'	6/26/2014	8	<0.50	<10	<50	ND	<0.0046	<0.0046	<0.0046	<0.0046
Area1-PH3-7'	6/26/2014	7	<0.49	<10	<50	ND	<0.0049	<0.0049	<0.0049	<0.0049
Area1-PH4-7'	6/26/2014	7	<0.50	<10	<50	ND	<0.0048	<0.0048	<0.0048	<0.0048
Area1/6-Bot1-7'	8/22/2014	8	<0.50	<10	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
Area1/6-Bot2-7'	8/22/2014	8	<0.50	<10	<50	ND	<0.0048	<0.0048	<0.0048	<0.0048
Area2-Bot1-5.5'	5/29/2014	6	<0.49	<10	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
Area2-Bot2-5.5'	5/29/2014	7	<0.50	**24**	<50	**24**	<0.0048	<0.0048	<0.0048	<0.0048
Area2-Bot3-5.5'	5/29/2014	7	<0.49	<10	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
Area2-Bot4-5.5'	5/29/2014	7	<0.49	<10	<50	ND	<0.0049	<0.0049	<0.0049	<0.0049
Area2-SW-E1-2'	5/29/2014	4	<0.50	**57**	**270**	**327**	<0.0050	<0.0050	<0.0050	<0.0050
Area2-SW-N1-2'	5/29/2014	4	<0.49	**33**	**130**	**163**	<0.0050	<0.0050	<0.0050	<0.0050
Area2-SW-N2-2'	5/29/2014	4	<0.50	**77**	**730**	**807**	<0.0050	<0.0050	<0.0050	<0.0050
Area2-SW-S1-2'	5/29/2014	5	<0.50	**130**	**660**	**790**	<0.0049	<0.0049	<0.0049	<0.0049
Area2-SW-S2-2'	5/29/2014	5	<0.49	<10	<50	ND	<0.0049	<0.0049	<0.0049	<0.0049
Area2-SW-W1-2'	5/29/2014	2	<0.49	**130**	**680**	**810**	<0.0049	<0.0049	<0.0049	<0.0049
Area2-SW-W2-2'	5/29/2014	3	<0.50	**17**	**58**	**75**	<0.0048	<0.0048	<0.0048	<0.0048
Area3-Bot1-7.5'	6/10/2014	8	<0.50	<10	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
Area3-Bot2-7.5'	6/10/2014	8	<0.50	**160**	**450**	**610**	<0.0048	<0.0048	<0.0048	<0.0048
Area3-Bot3-7.5'	6/10/2014	8	<0.51	**140**	**260**	**400**	<0.0048	<0.0048	<0.0048	<0.0048
Area3-Bot4-3'	8/12/2014	5	<0.50	<10	<50	ND	<0.0049	<0.0049	<0.0049	<0.0049
Area3-Bot5-4'	8/12/2014	6	<0.49	**67**	**87**	**154**	<0.0050	<0.0050	<0.0050	<0.0050
Area3-SW-E2-3'	6/19/2014	3	<0.48	**150**	**660**	**810**	<0.0050	<0.0050	<0.0050	<0.0050
Area3-SW-N1-3'	6/10/2014	5	<0.49	**1,800**	**2,500**	**4,300**	<0.0050	<0.0050	<0.0050	<0.0050
Area3-SW-N2-3'	6/10/2014	3	<0.49	**21**	**96**	**117**	<0.0050	<0.0050	<0.0050	<0.0050
Area3-SW-N3-2'	8/22/2014	2	<0.50	**57**	**370**	**427**	<0.0049	<0.0049	<0.0049	<0.0049
Area3-SW-N4-2'	8/22/2014	2	<0.50	<10	<50	ND	<0.0049	<0.0049	<0.0049	<0.0049
Area3-SW-N5-2'	8/22/2014	2	<0.50	**190**	**700**	**890**	<0.0048	<0.0048	<0.0048	<0.0048
Area3-SW-S1-3.5'	6/10/2014	3	<0.50	<10	<50	ND	<0.0049	<0.0049	<0.0049	<0.0049
Area3-SW-W1-3'	6/10/2014	4	<0.50	**24**	**140**	**164**	<0.0050	<0.0050	<0.0050	<0.0050
Area3-SW-W2-3'	6/19/2014	4	<0.49	**8,500**	**15,000**	**23,500**	<0.0050	<0.0050	<0.0050	<0.0050
Area3-SW-W3-1'	8/12/2014	2	<0.50	<10	<50	ND	<0.0049	<0.0049	<0.0049	<0.0049
Area3-SW-W4-1'	8/12/2014	1	<0.50	<10	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
Area3-SW-W5-1.5'	8/12/2014	1	<0.50	**74**	**330**	**404**	<0.0050	<0.0050	<0.0050	<0.0050
Area3-SW-W6-3'	8/12/2014	4	<0.50	**11**	<50	**11**	<0.0050	<0.0050	<0.0050	<0.0050
Area3-SW-W7-2'	8/18/2014	2	<0.49	**460**	**800**	**1,260**	<0.0050	<0.0050	<0.0050	<0.0050
Area4-Bot1-7.5'	6/6/2014	7	<0.49	**2,000**	**4,300**	**6,300**	<0.0050	<0.0050	<0.0050	<0.0050
Area4-Bot2-7.5'	6/6/2014	7	<0.49	**11**	<50	**11**	<0.0050	<0.0050	<0.0050	<0.0050
Area4-Bot3-8'	6/6/2014	7	<0.49	<10	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
Area4-Bot4-6.5'	6/6/2014	7	<0.50	<10	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
Area4-Bot5-6.5'	6/6/2014	6	<0.50	<10	<50	ND	<0.0049	<0.0049	<0.0049	<0.0049
Area4-Bot6-7'	6/6/2014	7	<0.50	<10	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
Area4-Bot7-7.5'	6/10/2014	7	<0.49	<10	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
Area4-SW-E1-3'	6/6/2014	3	<0.50	**80**	**75**	**155**	<0.0050	<0.0050	<0.0050	<0.0050
Area4-SW-N1-2'	6/6/2014	2	<0.49	**5,800**	**7,400**	**13,200**	<0.0050	<0.0050	<0.0050	<0.0050
Area4-SW-N1a-3'	8/18/2014	3	<0.50	<10	<50	ND	<0.0049	<0.0049	<0.0049	<0.0049
Area4-SW-N2-3'	6/6/2014	3	<0.50	<10	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
Area4-SW-N3-3'	6/6/2014	3	<0.50	<10	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
Area4-SW-N4-3'	6/6/2014	3	<0.50	<10	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
Area4-SW-N5-3'	6/6/2014	3	<0.51	<10	<50	ND	<0.0049	<0.0049	<0.0049	<0.0049
Area4-SW-N6-3'	6/6/2014	3	<0.49	**12**	<50	**12**	<0.0048	<0.0048	<0.0048	<0.0048
Area4-SW-S1-3'	6/6/2014	3	<0.49	**630**	**1,600**	**2,230**	<0.0050	<0.0050	<0.0050	<0.0050
Area4-SW-S2-3'	6/6/2014	3	**16**	**4,200**	**4,000**	**8,216**	<0.050	**0.069**	**0.14**	**0.50**
Area4-SW-S3-3'	6/6/2014	3	<0.49	<10	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
Area4-SW-S4-3'	6/6/2014	3	<0.49	<10	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050

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Sample Location	Date	Depth (bfg)	TPHg (C4-C12)	TPHd (C13-C22)	TPHo (C23-C40)	Total TPH (C4-C40)	Benzene	Toluene	Ethylbenzene	Total Xylenes
Area4-SW-S5-3'	6/6/2014	3	<0.49	<10	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
Area4-SW-S6-1.5'	7/2/2014	1	<0.50	**1,500**	**4,200**	**5,700**	<0.0049	<0.0049	<0.0049	<0.0049
Area4-SW-S7-1.5'	7/2/2014	1	**980**	**18,000**	**17,000**	**35,980**	<2.4	<2.4	<2.4	**6.1**
Area4-SW-S8-1.5'	7/2/2014	1	<0.50	**2,000**	**4,100**	**6,100**	<0.0049	<0.0049	<0.0049	<0.0049
Area4-SW-S9-1'	7/2/2014	1	<0.50	**1,000**	**2,200**	**3,200**	<0.0050	<0.0050	<0.0050	<0.0050
Area4-SW-W1-2'	6/6/2014	2	<0.50	**68**	**100**	**168**	<0.0050	<0.0050	<0.0050	<0.0050
Area5-Bot1-1.5'	7/9/2014	3	<0.48	<10	<50	ND	<0.0049	<0.0049	<0.0049	<0.0049
Area6-Bot1-5'	7/11/2014	7	<0.48	<10	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
Area6-Bot2-6'	7/11/2014	8	<0.50	<10	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
Area6-Bot3-7'	7/11/2014	9	<0.50	<10	<50	ND	<0.0049	<0.0049	<0.0049	<0.0049
Area6-SW-E1-3'	7/11/2014	6	<0.50	**540**	**880**	**1,420**	<0.0050	<0.0050	<0.0050	<0.0050
Area6-SW-E2-2.5'	7/11/2014	6	<0.49	**2,600**	**4,500**	**7,100**	<0.0049	<0.0049	<0.0049	<0.0049
Area6-SW-E3-2'	7/15/2014	6	<0.49	**1,100**	**930**	**2,030**	<0.0050	<0.0050	<0.0050	<0.0050
Area6-SW-N1-3'	7/11/2014	6	<0.49	**140**	**640**	**780**	<0.0048	<0.0048	<0.0048	<0.0048
Area6-SW-N2-3'	7/11/2014	6	<0.50	<10	<50	ND	<0.0049	<0.0049	<0.0049	<0.0049
Area6-SW-S1-2'	7/11/2014	6	<0.49	**78**	**200**	**278**	<0.0049	<0.0049	<0.0049	<0.0049
Area6-SW-S2-2'	7/11/2014	6	<0.49	**100**	**610**	**710**	<0.0049	<0.0049	<0.0049	<0.0049
Area6-SW-W1-3'	7/11/2014	5	<0.50	**170**	**690**	**860**	<0.0050	<0.0050	<0.0050	<0.0050
Area7-Bot1-3'	7/15/2014	3	<0.50	<10	<50	ND	<0.0047	<0.0047	<0.0047	<0.0047
Area7-Bot2-4'	7/15/2014	4	<0.49	<10	<50	ND	<0.0047	<0.0047	<0.0047	<0.0047
Area7-Bot3-7'	7/15/2014	7	<0.50	<10	<50	ND	<0.0048	<0.0048	<0.0048	<0.0048
Area7-Bot4-6'	7/15/2014	6	<0.50	**320**	**530**	**850**	<0.0049	<0.0049	<0.0049	<0.0049
Area7-Bot5-3'	7/15/2014	3	<0.49	**44**	**100**	**144**	<0.0050	<0.0050	<0.0050	<0.0050
Area7-Bot5A-4'	7/22/2014	4	<0.50	**13**	<50	**13**	<0.0050	<0.0050	<0.0050	<0.0050
Area7-Bot6-3'	7/22/2014	3	<0.51	<10	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
Area7-SW-E1-1'	7/22/2014	1	<0.49	<10	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
Area7-SW-N1-1'	7/22/2014	1	<0.48	**460**	**1,200**	**1,660**	<0.0050	<0.0050	<0.0050	<0.0050
Area7-SW-N2-1'	7/22/2014	1	<0.49	**12**	<50	**12**	<0.0049	<0.0049	<0.0049	<0.0049
Area7-SW-N3-1.5'	7/22/2014	1	<0.49	<10	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
Area7-SW-N4-2'	7/22/2014	2	<0.49	<10	<50	ND	<0.0049	<0.0049	<0.0049	<0.0049
Area7-SW-N5-2'	7/22/2014	2	<0.50	<10	<50	ND	<0.0049	<0.0049	<0.0049	<0.0049
Area7-SW-N6-1'	7/22/2014	1	<0.50	<10	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
Area7-SW-S1-1.5'	7/22/2014	2	<0.49	**410**	**1,100**	**1,510**	<0.0048	<0.0048	<0.0048	<0.0048
Area7-SW-S2-1'	7/22/2014	1	<0.49	<10	<50	ND	<0.0049	<0.0049	<0.0049	<0.0049
Area7-SW-S3-1.5'	7/22/2014	2	<0.49	**92**	**190**	**282**	<0.0049	<0.0049	<0.0049	<0.0049
Area7-SW-S4-2.5'	7/22/2014	2	<0.50	<10	<50	ND	<0.0049	<0.0049	<0.0049	<0.0049
Area7-SW-S5-1'	7/22/2014	2	<0.49	<10	<50	ND	<0.0049	<0.0049	<0.0049	<0.0049
Area7-SW-S6-1'	7/22/2014	2	<0.50	<10	<50	ND	<0.0048	<0.0048	<0.0048	<0.0048
Area7-SW-W1-1.5'	7/22/2014	1	<0.50	**69**	**300**	**369**	<0.0050	<0.0050	<0.0050	<0.0050
Area8-Bot1-5'	9/3/2014	5	<0.50	<10	<50	ND	<0.0049	<0.0049	<0.0049	<0.0049
Area8-Bot2-5'	9/3/2014	5	<0.50	<10	<50	ND	<0.0047	<0.0047	<0.0047	<0.0047
Area8-Bot3-5'	9/3/2014	6	<0.50	**1,900**	**2,200**	**4,100**	<0.0051	<0.0051	<0.0051	<0.0051
Area8-Bot3A-6'	9/10/2014	7	<0.49	<10	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
Area8-Bot4-7'	9/10/2014	7	<0.50	**48**	<50	**48**	<0.0050	<0.0050	<0.0050	<0.0050
Area8-Bot5-7'	9/10/2014	7	<0.49	**240**	**470**	**710**	<0.0050	<0.0050	<0.0050	<0.0050
Area8-Bot6-7'	9/10/2014	8	<0.50	<10	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
Area8-Bot7-7'	9/10/2014	8	<0.50	**1,300**	**3,000**	**4,300**	<0.0050	<0.0050	<0.0050	<0.0050
Area8-Bot8-7'	9/10/2014	8	**1,200**	**14,000**	**9,900**	**25,100**	<1.2	<1.2	**4.9**	**11**
Area8-Bot9-5'	9/10/2014	5	<0.49	**55**	**520**	**575**	<0.0049	<0.0049	<0.0049	<0.0049
Area8-Bot10-6'	9/10/2014	6	<0.49	<10	<50	ND	<0.0048	<0.0048	<0.0048	<0.0048
Area8-Bot11-8'	9/16/2014	9	<0.49	<9.9	<50	ND	<0.0046	<0.0046	<0.0046	<0.0046
Area8-Bot12-7'	9/16/2014	8	<0.50	<9.9	<50	ND	<0.0047	<0.0047	<0.0047	<0.0047
Area8-Bot13-6'	9/16/2014	7	<0.48	<9.9	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
Area8-Bot14-6'	9/16/2014	7	<0.49	<10	<50	ND	<0.0047	<0.0047	<0.0047	<0.0047
Area8-Bot15-7'	9/16/2014	9	<0.49	**24**	**68**	**92**	<0.0047	<0.0047	<0.0047	<0.0047
Area8-Bot16-8'	9/16/2014	9	**190**	**19,000**	**12,000**	**31,190**	<0.24	<0.24	**0.70**	<0.24
Area8-Bot17-5'	9/16/2014	6	<0.49	**15,000**	**13,000**	**28,000**	<0.0049	**0.02**	<0.0049	<0.0049
Area8-Bot17A-8'	9/24/2014	8	<0.50	**23**	**91**	**114**	<0.0048	<0.0048	<0.0048	<0.0048
Area8-Bot18-1'	9/16/2014	2	<0.50	<10	<50	ND	<0.0049	<0.0049	<0.0049	<0.0049
Area8-SW-E1-2'	9/3/2014	2	<0.50	**1,300**	**1,900**	**3,200**	<0.0050	<0.0050	<0.0050	<0.0050

Table 1
Soil Analytical Results - Total Petroleum Hydrocarbons and BTEX
Former Orcutt Refinery
1550 West Stowell Road
Santa Maria, California

Sample Location	Date	Depth (bfg)	TPHg (C4-C12)	TPHd (C13-C22)	TPHo (C23-C40)	Total TPH (C4-C40)	Benzene	Toluene	Ethylbenzene	Total Xylenes
Area8-SW-E1A-2'	9/10/2014	2	<0.50	<10	<50	ND	<0.0049	<0.0049	<0.0049	<0.0049
Area8-SW-E2-2'	9/3/2014	2	<0.49	**39**	**73**	**112**	<0.0050	<0.0050	<0.0050	<0.0050
Area8-SW-E3-1.5'	9/3/2014	2	<0.50	**300**	**520**	**820**	<0.0048	<0.0048	<0.0048	<0.0048
Area8-SW-E4-2'	9/3/2014	2	<0.50	<10	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
Area8-SW-E5-2'	9/3/2014	3	<0.50	<10	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
Area8-SW-E6-1.5'	9/3/2014	2	<0.49	<10	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
Area8-SW-E7-2'	9/3/2014	2	<0.50	<10	<50	ND	<0.0049	<0.0049	<0.0049	<0.0049
Area8-SW-E8-2.5'	9/3/2014	2	<0.50	<10	<50	ND	<0.0049	<0.0049	<0.0049	<0.0049
Area8-SW-E9-2'	9/10/2014	2	<0.50	<10	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
Area8-SW-E10-1.5'	9/10/2014	2	<0.49	<10	<50	ND	<0.0048	<0.0048	<0.0048	<0.0048
Area8-SW-E11-2'	9/16/2014	2	<0.49	<10	<50	ND	<0.0049	<0.0049	<0.0049	<0.0049
Area8-SW-E12-2'	9/16/2014	2	<0.49	<10	<50	ND	<0.0047	<0.0047	<0.0047	<0.0047
Area8-SW-E13-2'	9/16/2014	2	<0.49	<9.9	<50	ND	<0.0048	<0.0048	<0.0048	<0.0048
Area8-SW-E14-2'	9/16/2014	2	<0.50	<10	<50	ND	<0.0049	<0.0049	<0.0049	<0.0049
Area8-SW-E15-2'	9/16/2014	2	<0.50	<10	<50	ND	<0.0049	<0.0049	<0.0049	<0.0049
Area8-SW-E16-2'	9/16/2014	2	<0.49	<10	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
Area8-SW-E17-3'	9/16/2014	3	<0.48	<10	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
Area8-SW-E18-0.5'	9/16/2014	1	<0.50	<9.9	<50	ND	<0.0049	<0.0049	<0.0049	<0.0049
Area8-SW-N1-2'	9/10/2014	2	<0.49	<10	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
Area8-SW-S1-1'	9/16/2014	1	<0.49	<10	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
Area8-SW-W12-3'	9/16/2014	3	<0.49	<9.9	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
Area8-SW-W1-2'	9/3/2014	2	<0.50	<10	<50	ND	<0.0049	<0.0049	<0.0049	<0.0049
Area8-SW-W2-2'	9/3/2014	2	<0.49	<10	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
Area8-SW-W3-2'	9/3/2014	2	<0.50	<10	<50	ND	<0.0049	<0.0049	<0.0049	<0.0049
Area8-SW-W4-3'	9/3/2014	3	<0.50	<10	<50	ND	<0.0049	<0.0049	<0.0049	<0.0049
Area8-SW-W5-3'	9/3/2014	3	<0.50	<10	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
Area8-SW-W6-3'	9/3/2014	3	<0.49	<10	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
Area8-SW-W7-3'	9/3/2014	3	<0.50	<10	<50	ND	<0.0048	<0.0048	<0.0048	<0.0048
Area8-SW-W8-3'	9/3/2014	3	<0.50	<10	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
Area8-SW-W9-2'	9/10/2014	2	<0.50	<10	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
Area8-SW-W10-2'	9/10/2014	2	<0.50	<10	<50	ND	<0.0049	<0.0049	<0.0049	<0.0049
Area8-SW-W11-2'	9/16/2014	2	<0.50	**1,100**	**2,700**	**3,800**	<0.0047	<0.0047	<0.0047	<0.0047
Area8-SW-W13-3'	9/16/2014	3	<0.49	<10	<50	ND	<0.0049	<0.0049	<0.0049	<0.0049
Area8-SW-W14-3'	9/16/2014	3	<0.49	<10	<50	ND	<0.0048	<0.0048	<0.0048	<0.0048
Area8-SW-W15-3'	9/16/2014	3	<0.49	**74**	**120**	**194**	<0.0049	<0.0049	<0.0049	<0.0049
Area8-SW-W16-3'	9/16/2014	3	<0.48	<10	<50	ND	<0.0049	<0.0049	<0.0049	<0.0049
Area8-SW-W17-3'	9/16/2014	3	<0.48	<10	<50	ND	<0.0049	<0.0049	<0.0049	<0.0049
Area8-SW-W18-1'	9/16/2014	1	<0.49	<10	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
SWC-1-0.5'	10/3/2014	1	<0.49	<10	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
SWC-2-0.5'	10/3/2014	1	<0.49	<10	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
SWC-3-0.5'	10/3/2014	1	<0.49	<10	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
SWC-4-0.5'	10/3/2014	1	<0.48	<10	<50	ND	<0.0050	<0.0050	<0.0050	<0.0050
SBFPD Investigation Levels						**100**	**0.1**	**15**	**70**	**175**

Notes:

All results in milligrams per kilogram (mg/kg)

<10: Concentration less than the associated laboratory Reporting Limit (RL).

J: Estimated concentration detected between the Method Detection Limit and the Reporting Limit.

B: Detected in associated method blank.

ND: Not Detected.

Bold: Concentration > Laboratory Detection Limit (DL)

bfg: below final grade in feet (post-site restoration)

EPA Method 8260B

Table 2
Soil Analytical Results - Volatile Organic Compounds
Former Orcutt Refinery
1550 West Stowell Road
Santa Maria, California

Sample Location	Date	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	1,2-Dibromoethane (EDB)	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
Area1-Bot1-5'	6/13/2014	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049
Area1-Bot2-5'	6/13/2014	<2.4	<2.4	<2.4	<2.4	<2.4	<2.4	<2.4	<2.4	<2.4	<2.4	<2.4	<2.4	<2.4	<2.4	<2.4	<2.4	<2.4	<2.4	<2.4	<2.4	<2.4	<2.4
Area1-Bot3-5'	6/13/2014	<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	<2.5	<2.5	<2.5	<2.5
Area1-Bot4-5'	6/13/2014	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
Area1-Bot5-5'	6/13/2014	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048
Area1-Bot6-6.5'	6/13/2014	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
Area1-Bot7-5'	6/18/2014	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	**6.0**	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5
Area1-Bot8-5'	6/18/2014	<0.024	<0.024	<0.024	<0.024	<0.024	<0.024	<0.024	<0.024	<0.024	<0.024	<0.024	<0.024	<0.024	<0.024	<0.024	<0.024	<0.024	<0.024	<0.024	<0.024	<0.024	<0.024
Area1-Bot9-5'	6/18/2014	<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	<2.5	<2.5	<2.5	<2.5
Area1-Bot10-5'	6/18/2014	<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	<2.5	<2.5	<2.5	<2.5
Area1-Bot11-5'	6/25/2014	<0.0047	<0.0047	<0.0047	<0.0047	<0.0047	<0.0047	<0.0047	<0.0047	<0.0047	<0.0047	<0.0047	<0.0047	<0.0047	<0.0047	<0.0047	<0.0047	<0.0047	<0.0047	<0.0047	<0.0047	<0.0047	<0.0047
Area1-Bot13-5'	6/25/2014	<0.0051	<0.0051	<0.0051	<0.0051	<0.0051	<0.0051	<0.0051	<0.0051	<0.0051	<0.0051	<0.0051	<0.0051	<0.0051	<0.0051	<0.0051	<0.0051	<0.0051	<0.0051	<0.0051	<0.0051	<0.0051	<0.0051
Area1-Bot14-5'	6/25/2014	<1.2	<1.2	<1.2	<1.2	<1.2	<1.2	<1.2	<1.2	<1.2	<1.2	**28**	<1.2	<1.2	<1.2	<1.2	<1.2	**6.1**	<1.2	<1.2	<1.2	<1.2
Area1-Bot15-6'	6/25/2014	<1.2	<1.2	<1.2	<1.2	<1.2	<1.2	<1.2	<1.2	<1.2	<1.2	**3.4**	<1.2	<1.2	<1.2	<1.2	<1.2	<1.2	<1.2	<1.2	<1.2	<1.2	<1.2
Area1-Bot16-6'	6/25/2014	<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	<1.2	<1.2	<1.2	<1.2
Area1-Bot17-6'	6/25/2014	<0.0047	<0.0047	<0.0047	<0.0047	<0.0047	<0.0047	<0.0047	<0.0047	<0.0047	<0.0047	<0.0047	<0.0047	<0.0047	<0.0047	<0.0047	<0.0047	<0.0047	<0.0047	<0.0047	<0.0047	<0.0047	<0.0047
Area1-Bot18-6'	6/25/2014	<0.0046	<0.0046	<0.0046	<0.0046	<0.0046	<0.0046	<0.0046	<0.0046	<0.0046	<0.0046	<0.0046	<0.0046	<0.0046	<0.0046	<0.0046	<0.0046	<0.0046	<0.0046	<0.0046	<0.0046	<0.0046	<0.0046
Area1-Bot19-8'	7/2/2014	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
Area1-Bot20-8'	7/2/2014	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049
Area1-Bot21-8'	7/2/2014	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025
Area1-Bot22-7.5'	7/2/2014	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	**11**	<0.25	<0.25	<0.25	<0.25	<0.25	**0.29**	<0.25	<0.25	<0.25	<0.25
Area1-Bot23-7'	7/2/2014	<0.024	<0.024	<0.024	<0.024	<0.024	<0.024	<0.024	<0.024	<0.024	<0.024	<0.024	<0.024	<0.024	<0.024	<0.024	<0.024	<0.024	<0.024	<0.024	<0.024	<0.024	<0.024
Area1-Bot24-6.5'	7/9/2014	<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	<2.5	<2.5	<2.5	<2.5
Area1-Bot25-6.5'	7/9/2014	<2.4	<2.4	<2.4	<2.4	<2.4	<2.4	<2.4	<2.4	<2.4	<2.4	<2.4	<2.4	<2.4	<2.4	<2.4	<2.4	<2.4	<2.4	<2.4	<2.4	<2.4	<2.4
Area1-Bot26-13'	7/16/2014	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	**3.4**	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5
Area1-Bot27-13'	7/16/2014	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	**7.4**	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5
Area1-Bot28-11'	7/23/2014	<1.2	<1.2	<1.2	<1.2	<1.2	<1.2	<1.2	<1.2	<1.2	<1.2	**13**	<1.2	<1.2	<1.2	<1.2	<1.2	**4.2**	<1.2	<1.2	<1.2	<1.2
Area1-Bot29-10'	7/23/2014	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	**5.4**	<0.25	<0.25	<0.25	<0.25	<0.25	**1.5**	<0.25	<0.25	<0.25	<0.25
Area1-Bot30-11'	7/23/2014	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	**6.7**	<0.25	<0.25	<0.25	<0.25	<0.25	**2.3**	<0.25	<0.25	<0.25	<0.25
Area1-Bot31-11'	7/23/2014	<0.63	<0.63	<0.63	<0.63	<0.63	<0.63	<0.63	<0.63	<0.63	<0.63	**19**	<0.63	<0.63	<0.63	<0.63	<0.63	**2.1**	<0.63	<0.63	<0.63	<0.63
Area1-Bot32-7'	7/30/2014	<1.2	<1.2	<1.2	<1.2	<1.2	<1.2	<1.2	<1.2	<1.2	<1.2	**1.6**	<1.2	<1.2	<1.2	<1.2	<1.2	<1.2	<1.2	<1.2	<1.2	<1.2
Area1-Bot33-14'	7/30/2014	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	**0.033**	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025
Area1-Bot34-14'	7/30/2014	<0.24	<0.24	<0.24	<0.24	<0.24	<0.24	<0.24	<0.24	<0.24	<0.24	**0.51**	<0.24	<0.24	<0.24	<0.24	<0.24	<0.24	<0.24	<0.24	<0.24	<0.24
Area1-Bot35-13'	7/30/2014	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	**0.8**	<0.25	<0.25	<0.25	<0.25	<0.25	**0.32**	<0.25	<0.25	<0.25	<0.25
Area1-Bot36-11'	7/30/2014	<1.1	<1.1	<1.1	<1.1	<1.1	<1.1	<1.1	<1.1	<1.1	<1.1	**3.6**	<1.1	<1.1	<1.1	<1.1	<1.1	<1.1	<1.1	<1.1	<1.1	<1.1
Area1-Bot37-11'	7/30/2014	<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	<0.25	<0.25	<0.25
Area1-Bot38-12'	7/30/2014	<0.23	<0.23	<0.23	<0.23	<0.23	<0.23	<0.23	<0.23	<0.23	<0.23	**1.6**	<0.23	<0.23	<0.23	<0.23	<0.23	**0.4**	<0.23	<0.23	<0.23	<0.23
Area1-Bot39-13'	7/30/2014	<0.23	<0.23	<0.23	<0.23	<0.23	<0.23	<0.23	<0.23	<0.23	<0.23	**0.69**	<0.23	<0.23	<0.23	<0.23	<0.23	<0.23	<0.23	<0.23	<0.23	<0.23
Area1-Bot40-14'	7/30/2014	<0.024	<0.024	<0.024	<0.024	<0.024	<0.024	<0.024	<0.024	<0.024	<0.024	**0.025**	<0.024	<0.024	<0.024	<0.024	<0.024	<0.024	<0.024	<0.024	<0.024	<0.024
Area1-Bot41-8'	7/30/2014	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049
Area1-Bot42-7'	7/30/2014	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049
Area1-Bot43-6'	7/30/2014	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049
Area1-Bot44-6'	7/30/2014	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049
Area1-Bot45-7'	7/30/2014	<1.2	<1.2	<1.2	<1.2	<1.2	<1.2	<1.2	<1.2	<1.2	<1.2	**1.7**	<1.2	<1.2	<1.2	<1.2	<1.2	<1.2	<1.2	<1.2	<1.2	<1.2
Area1-Bot46-7'	8/6/2014	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
Area1-Bot47-7.5'	8/6/2014	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
Area1-Bot48-8'	8/6/2014	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	**0.64**	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25
Area1-Bot49-7'	8/6/2014	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
Area1-Bot50-7.5'	8/6/2014	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
Area1-Bot51-6'	8/6/2014	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
Area1-Bot52-8'	8/6/2014	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
Area1-Bot53-4'	8/6/2014	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
Area1-Bot54-4'	8/6/2014	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
Area1-Bot55-3'	8/6/2014	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
Area1-Bot56-4'	8/6/2014	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
Area1-Bot56a-7'	8/18/2014	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
Area1-Bot57-2.5'	8/7/2014	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
Area1-Bot58-1.5'	8/7/2014	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
Area1-Bot59-1.5'	8/7/2014	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049

Table 2
Soil Analytical Results - Volatile Organic Compounds
Former Orcutt Refinery
1550 West Stowell Road
Santa Maria, California

Sample Location	Date	2-Chlorotoluene	4-Chlorotoluene	4-Isopropyl Toluene	Benzene	Bromobenzene	Bromochloromethane	Bromodichloromethane	Bromoform	Bromomethane	Carbon tetrachloride	Chlorobenzene	Chloroethane	Chloroform	Chloromethane	cis-1,2-Dichloroethene	cis-1,3-Dichloropropene	Dibromochloromethane	Dibromomethane	Dichlorodifluoromethane	Ethylbenzene	Hexachlorobutadiene
Area1-Bot1-5'	6/13/2014	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049
Area1-Bot2-5'	6/13/2014	<2.4	<2.4	<2.4	<2.4	<2.4	<2.4	<2.4	<2.4	<2.4	<2.4	<2.4	<2.4	<2.4	<2.4	<2.4	<2.4	<2.4	<2.4	<2.4	<2.4	<2.4
Area1-Bot3-5'	6/13/2014	<2.5	<2.5	<2.5	**4.9**	<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	**13**	<2.5
Area1-Bot4-5'	6/13/2014	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
Area1-Bot5-5'	6/13/2014	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048
Area1-Bot6-6.5'	6/13/2014	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
Area1-Bot7-5'	6/18/2014	<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	<2.5	**3.3**	<2.5
Area1-Bot8-5'	6/18/2014	<0.024	<0.024	<0.024	**0.04**	<0.024	<0.024	<0.024	<0.024	<0.024	<0.024	<0.024	<0.024	<0.024	<0.024	<0.024	<0.024	<0.024	<0.024	<0.024	<0.024	<0.024
Area1-Bot9-5'	6/18/2014	<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	<2.5	**2.5**	<2.5
Area1-Bot10-5'	6/18/2014	<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	<2.5	<2.5	<2.5
Area1-Bot11-5'	6/25/2014	<0.0047	<0.0047	<0.0047	<0.0047	<0.0047	<0.0047	<0.0047	<0.0047	<0.0047	<0.0047	<0.0047	<0.0047	<0.0047	<0.0047	<0.0047	<0.0047	<0.0047	<0.0047	<0.0047	<0.0047	<0.0047
Area1-Bot13-5'	6/25/2014	<0.0051	<0.0051	<0.0051	<0.0051	<0.0051	<0.0051	<0.0051	<0.0051	<0.0051	<0.0051	<0.0051	<0.0051	<0.0051	<0.0051	<0.0051	<0.0051	<0.0051	<0.0051	<0.0051	<0.0051	<0.0051
Area1-Bot14-5'	6/25/2014	<1.2	<1.2	**2.7**	**6.4**	<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	**18**	<1.2
Area1-Bot15-6'	6/25/2014	<1.2	<1.2	<1.2	**1.3**	<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	**4.5**	<1.2
Area1-Bot16-6'	6/25/2014	<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	<1.2	<1.2	<1.2
Area1-Bot17-6'	6/25/2014	<0.0047	<0.0047	<0.0047	<0.0047	<0.0047	<0.0047	<0.0047	<0.0047	<0.0047	<0.0047	<0.0047	<0.0047	<0.0047	<0.0047	<0.0047	<0.0047	<0.0047	<0.0047	<0.0047	<0.0047	<0.0047
Area1-Bot18-6'	6/25/2014	<0.0046	<0.0046	<0.0046	<0.0046	<0.0046	<0.0046	<0.0046	<0.0046	<0.0046	<0.0046	<0.0046	<0.0046	<0.0046	<0.0046	<0.0046	<0.0046	<0.0046	<0.0046	<0.0046	<0.0046	<0.0046
Area1-Bot19-8'	7/2/2014	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
Area1-Bot20-8'	7/2/2014	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049
Area1-Bot21-8'	7/2/2014	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025
Area1-Bot22-7.5'	7/2/2014	<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	<0.25	**2.8**	<0.25
Area1-Bot23-7'	7/2/2014	<0.024	<0.024	<0.024	<0.024	<0.024	<0.024	<0.024	<0.024	<0.024	<0.024	<0.024	<0.024	<0.024	<0.024	<0.024	<0.024	<0.024	<0.024	<0.024	<0.024	<0.024
Area1-Bot24-6.5'	7/9/2014	<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	<2.5	<2.5	<2.5
Area1-Bot25-6.5'	7/9/2014	<2.4	<2.4	<2.4	<2.4	<2.4	<2.4	<2.4	<2.4	<2.4	<2.4	<2.4	<2.4	<2.4	<2.4	<2.4	<2.4	<2.4	<2.4	<2.4	<2.4	<2.4
Area1-Bot26-13'	7/16/2014	<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	<2.5	<2.5	<2.5
Area1-Bot27-13'	7/16/2014	<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	<2.5	**4.1**	<2.5
Area1-Bot28-11'	7/23/2014	<1.2	<1.2	**3**	**2.3**	<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	**5.6**	<1.2
Area1-Bot29-10'	7/23/2014	<0.25	<0.25	**1.3**	**0.66**	<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	**2.5**	<0.25
Area1-Bot30-11'	7/23/2014	<0.25	<0.25	**1.3**	**2**	<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	**3.2**	<0.25
Area1-Bot31-11'	7/23/2014	<0.63	<0.63	**4.5**	**2.6**	<0.63	<0.63	<0.63	<0.63	<0.63	<0.63	<0.63	<0.63	<0.63	<0.63	<0.63	<0.63	<0.63	<0.63	<0.63	**21**	<0.63
Area1-Bot32-7'	7/30/2014	<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	<1.2	<1.2	<1.2
Area1-Bot33-14'	7/30/2014	<0.025	<0.025	<0.025	**0.031**	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	**0.036**	<0.025
Area1-Bot34-14'	7/30/2014	<0.24	<0.24	<0.24	<0.24	<0.24	<0.24	<0.24	<0.24	<0.24	<0.24	<0.24	<0.24	<0.24	<0.24	<0.24	<0.24	<0.24	<0.24	<0.24	**0.28**	<0.24
Area1-Bot35-13'	7/30/2014	<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	<0.25	**0.48**	<0.25
Area1-Bot36-11'	7/30/2014	<1.1	<1.1	<1.1	<1.1	<1.1	<1.1	<1.1	<1.1	<1.1	<1.1	<1.1	<1.1	<1.1	<1.1	<1.1	<1.1	<1.1	<1.1	<1.1	**2.2**	<1.1
Area1-Bot37-11'	7/30/2014	<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	<0.25	<0.25	<0.25
Area1-Bot38-12'	7/30/2014	<0.23	<0.23	**0.31**	**0.25**	<0.23	<0.23	<0.23	<0.23	<0.23	<0.23	<0.23	<0.23	<0.23	<0.23	<0.23	<0.23	<0.23	<0.23	<0.23	**1.1**	<0.23
Area1-Bot39-13'	7/30/2014	<0.23	<0.23	<0.23	<0.23	<0.23	<0.23	<0.23	<0.23	<0.23	<0.23	<0.23	<0.23	<0.23	<0.23	<0.23	<0.23	<0.23	<0.23	<0.23	**0.27**	<0.23
Area1-Bot40-14'	7/30/2014	<0.024	<0.024	<0.024	<0.024	<0.024	<0.024	<0.024	<0.024	<0.024	<0.024	<0.024	<0.024	<0.024	<0.024	<0.024	<0.024	<0.024	<0.024	<0.024	<0.024	<0.024
Area1-Bot41-8'	7/30/2014	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049
Area1-Bot42-7'	7/30/2014	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049
Area1-Bot43-6'	7/30/2014	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049
Area1-Bot44-6'	7/30/2014	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049
Area1-Bot45-7'	7/30/2014	<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	<1.2	<1.2	<1.2
Area1-Bot46-7'	8/6/2014	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
Area1-Bot47-7.5'	8/6/2014	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
Area1-Bot48-8'	8/6/2014	<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	<0.25	**0.59**	<0.25
Area1-Bot49-7'	8/6/2014	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
Area1-Bot50-7.5'	8/6/2014	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
Area1-Bot51-6'	8/6/2014	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
Area1-Bot52-8'	8/6/2014	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
Area1-Bot53-4'	8/6/2014	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
Area1-Bot54-4'	8/6/2014	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
Area1-Bot55-3'	8/6/2014	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
Area1-Bot56-4'	8/6/2014	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
Area1-Bot56a-7'	8/18/2014	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
Area1-Bot57-2.5'	8/7/2014	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
Area1-Bot58-1.5'	8/7/2014	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
Area1-Bot59-1.5'	8/7/2014	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049

Table 2
Soil Analytical Results - Volatile Organic Compounds
Former Orcutt Refinery
1550 West Stowell Road
Santa Maria, California

Sample Location	Date	Isopropylbenzene	Methylene Chloride	Naphthalene	n-Butylbenzene	n-Propylbenzene	sec-Butylbenzene	Styrene	tert-Butylbenzene	Tetrachloroethene (PCE)	Toluene	trans-1,2-Dichloroethene	trans-1,3-Dichloropropene	Trichloroethene (TCE)	Trichlorofluoromethane	Vinyl Chloride	Xylenes (total)
Area1-Bot1-5'	6/13/2014	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049
Area1-Bot2-5'	6/13/2014	<2.4	<2.4	**8.3**	<2.4	<2.4	<2.4	<2.4	<2.4	<2.4	<2.4	<2.4	<2.4	<2.4	<2.4	<2.4	<2.4
Area1-Bot3-5'	6/13/2014	**3.7**	<2.5	**5.6**	<2.5	**5.6**	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5
Area1-Bot4-5'	6/13/2014	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
Area1-Bot5-5'	6/13/2014	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048
Area1-Bot6-6.5'	6/13/2014	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
Area1-Bot7-5'	6/18/2014	<2.5	<2.5	**18**	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	**5.6**
Area1-Bot8-5'	6/18/2014	<0.024	<0.024	<0.024	<0.024	<0.024	<0.024	<0.024	<0.024	<0.024	<0.024	<0.024	<0.024	<0.024	<0.024	<0.024	<0.024
Area1-Bot9-5'	6/18/2014	<2.5	<2.5	**3**	<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
Area1-Bot10-5'	6/18/2014	<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
Area1-Bot11-5'	6/25/2014	<0.0047	<0.0047	<0.0047	<0.0047	<0.0047	<0.0047	<0.0047	<0.0047	<0.0047	<0.0047	<0.0047	<0.0047	<0.0047	<0.0047	<0.0047	<0.0047
Area1-Bot13-5'	6/25/2014	<0.0051	<0.0051	<0.0051	<0.0051	<0.0051	<0.0051	<0.0051	<0.0051	<0.0051	<0.0051	<0.0051	<0.0051	<0.0051	<0.0051	<0.0051	<0.0051
Area1-Bot14-5'	6/25/2014	**3.9**	<1.2	**7.2**	<1.2	**6.1**	**1.9**	<1.2	<1.2	<1.2	**18**	<1.2	<1.2	<1.2	<1.2	<1.2	**55**
Area1-Bot15-6'	6/25/2014	**1.3**	<1.2	<1.2	<1.2	**2.1**	<1.2	<1.2	<1.2	<1.2	<1.2	<1.2	<1.2	<1.2	<1.2	<1.2	<1.2
Area1-Bot16-6'	6/25/2014	<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
Area1-Bot17-6'	6/25/2014	<0.0047	<0.0047	<0.0047	<0.0047	<0.0047	<0.0047	<0.0047	<0.0047	<0.0047	<0.0047	<0.0047	<0.0047	<0.0047	<0.0047	<0.0047	<0.0047
Area1-Bot18-6'	6/25/2014	<0.0046	<0.0046	<0.0046	<0.0046	<0.0046	<0.0046	<0.0046	<0.0046	<0.0046	<0.0046	<0.0046	<0.0046	<0.0046	<0.0046	<0.0046	<0.0046
Area1-Bot19-8'	7/2/2014	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
Area1-Bot20-8'	7/2/2014	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049
Area1-Bot21-8'	7/2/2014	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025
Area1-Bot22-7.5'	7/2/2014	**0.88**	<0.25	**0.52**	<0.25	**1.5**	**0.27**	<0.25	<0.25	<0.25	**0.88**	<0.25	<0.25	<0.25	<0.25	<0.25	**18**
Area1-Bot23-7'	7/2/2014	<0.024	<0.024	<0.024	<0.024	<0.024	<0.024	<0.024	<0.024	<0.024	<0.024	<0.024	<0.024	<0.024	<0.024	<0.024	<0.024
Area1-Bot24-6.5'	7/9/2014	<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
Area1-Bot25-6.5'	7/9/2014	<2.4	<2.4	<2.4	<2.4	<2.4	<2.4	<2.4	<2.4	<2.4	<2.4	<2.4	<2.4	<2.4	<2.4	<2.4	<2.4
Area1-Bot26-13'	7/16/2014	<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	**3.5**
Area1-Bot27-13'	7/16/2014	<2.5	<2.5	**5.3**	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	**6.6**	<2.5	<2.5	<2.5	<2.5	<2.5	**18**
Area1-Bot28-11'	7/23/2014	**1.8**	<1.2	**13**	**2.2**	**3.5**	**2**	<1.2	<1.2	<1.2	**5.5**	<1.2	<1.2	<1.2	<1.2	<1.2	**18**
Area1-Bot29-10'	7/23/2014	**0.82**	<0.25	**5**	**1**	**1.7**	**0.9**	<0.25	<0.25	<0.25	**1.8**	<0.25	<0.25	<0.25	<0.25	<0.25	**5.3**
Area1-Bot30-11'	7/23/2014	**0.9**	<0.25	**5.1**	**0.96**	**1.7**	**0.84**	<0.25	<0.25	<0.25	**3.2**	<0.25	<0.25	<0.25	<0.25	<0.25	**9.6**
Area1-Bot31-11'	7/23/2014	**7.9**	<0.63	**9**	**3.6**	**14**	**6.7**	<0.63	<0.63	<0.63	<0.63	<0.63	<0.63	<0.63	<0.63	<0.63	**3.9**
Area1-Bot32-7'	7/30/2014	<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	**4.6**
Area1-Bot33-14'	7/30/2014	<0.025	<0.025	**0.052**	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	**0.081**	<0.025	<0.025	<0.025	<0.025	<0.025	**0.11**
Area1-Bot34-14'	7/30/2014	<0.24	<0.24	**0.97**	<0.24	<0.24	<0.24	<0.24	<0.24	<0.24	<0.24	<0.24	<0.24	<0.24	<0.24	<0.24	**0.69**
Area1-Bot35-13'	7/30/2014	<0.25	<0.25	**1.1**	<0.25	**0.32**	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	**0.92**
Area1-Bot36-11'	7/30/2014	<1.1	<1.1	**1.2**	<1.1	**1.1**	<1.1	<1.1	<1.1	<1.1	**1.6**	<1.1	<1.1	<1.1	<1.1	<1.1	**6.7**
Area1-Bot37-11'	7/30/2014	<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
Area1-Bot38-12'	7/30/2014	**0.32**	<0.23	**1.9**	**0.36**	**0.57**	**0.3**	<0.23	<0.23	<0.23	**0.48**	<0.23	<0.23	<0.23	<0.23	<0.23	**3**
Area1-Bot39-13'	7/30/2014	<0.23	<0.23	**1.5**	<0.23	<0.23	<0.23	<0.23	<0.23	<0.23	<0.23	<0.23	<0.23	<0.23	<0.23	<0.23	**0.93**
Area1-Bot40-14'	7/30/2014	<0.024	<0.024	**0.042**	<0.024	<0.024	<0.024	<0.024	<0.024	<0.024	**0.061**	<0.024	<0.024	<0.024	<0.024	<0.024	**0.079**
Area1-Bot41-8'	7/30/2014	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049
Area1-Bot42-7'	7/30/2014	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049
Area1-Bot43-6'	7/30/2014	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049
Area1-Bot44-6'	7/30/2014	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049
Area1-Bot45-7'	7/30/2014	<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	**1.3**
Area1-Bot46-7'	8/6/2014	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
Area1-Bot47-7.5'	8/6/2014	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
Area1-Bot48-8'	8/6/2014	**0.85**	<0.25	**4.9**	**1.3**	**3.5**	**0.57**	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25
Area1-Bot49-7'	8/6/2014	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
Area1-Bot50-7.5'	8/6/2014	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
Area1-Bot51-6'	8/6/2014	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
Area1-Bot52-8'	8/6/2014	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
Area1-Bot53-4'	8/6/2014	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
Area1-Bot54-4'	8/6/2014	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
Area1-Bot55-3'	8/6/2014	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
Area1-Bot56-4'	8/6/2014	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
Area1-Bot56a-7'	8/18/2014	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
Area1-Bot57-2.5'	8/7/2014	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
Area1-Bot58-1.5'	8/7/2014	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
Area1-Bot59-1.5'	8/7/2014	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049

Table 2
Soil Analytical Results - Volatile Organic Compounds
Former Orcutt Refinery
1550 West Stowell Road
Santa Maria, California

Sample Location	Date	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	1,2-Dibromoethane (EDB)	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
Area1-Bot60-7'	8/7/2014	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
Area1-Bot61-1.5'	8/7/2014	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
Area1-Bot62-7'	8/7/2014	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
Area1-Bot63-4'	8/7/2014	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
Area1-Bot63a-6'	8/18/2014	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
Area1-Bot64-4'	8/7/2014	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
Area1-Bot65-6'	8/18/2014	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
Area1-Bot66-2'	8/18/2014	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049
Area1-Bot67-1'	8/18/2014	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049
Area1-Bot68-1'	8/18/2014	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
Area1-Bot69-5.5'	8/18/2014	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
Area1-Bot70-7'	8/18/2014	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049
Area1-Bot71-7'	8/18/2014	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025
Area1-Bot72-7'	8/18/2014	<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	<2.5	<2.5	<2.5
Area1-Bot73-7'	8/18/2014	<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	<0.25	<0.25	<0.25
Area1-Bot74-8'	8/18/2014	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
Area1-Bot75-7'	8/18/2014	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049
Area1-Bot76-2'	8/18/2014	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
Area1-Bot77-2.5'	8/18/2014	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049
Area1-Bot78-2'	8/18/2014	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
Area1-Bot79-2'	8/18/2014	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
Area1-Bot80-7'	8/18/2014	<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	<2.5	<2.5	<2.5
Area1-SW-W1-2.5'	7/25/2014	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049
Area1-SW-W2-2.5'	7/25/2014	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
Area1-SW-W3-2'	7/25/2014	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049
Area1-SW-W4-2'	7/25/2014	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
Area1-SW-W5-2.5'	8/18/2014	<0.0051	<0.0051	<0.0051	<0.0051	<0.0051	<0.0051	<0.0051	<0.0051	<0.0051	<0.0051	<0.0051	<0.0051	<0.0051	<0.0051	<0.0051	<0.0051	<0.0051	<0.0051	<0.0051	<0.0051	<0.0051
Area1-SW-W6-2.5'	8/18/2014	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
Area1-SW-W7-1'	8/18/2014	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
Area1-SW-W8-3'	8/18/2014	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
Area1-SW-W9-2'	8/18/2014	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
Area1-SW-W10-2'	8/18/2014	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
Area1-SW-W11-1'	8/18/2014	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
Area1-SW-W12-2'	8/18/2014	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
Area1-SW-W13-1.5'	8/22/2014	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049
Area1-SW-W13A-1.5'	9/24/2014	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049
Area1-SW-S1-2'	7/25/2014	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
Area1-SW-S2-2.5'	7/25/2014	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
Area1-SW-S3-2.5'	7/25/2014	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
Area1-SW-S4-2.5'	7/25/2014	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048
Area1-SW-S5-3'	7/25/2014	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
Area1-SW-S5A-2.5'	7/29/2014	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
Area1-SW-E1-3'	7/25/2014	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
Area1-SW-E2-2.5'	7/25/2014	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049
Area1-SW-E3-3'	7/30/2014	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
Area1-SW-E3A-2'	8/12/2014	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
Area1-SW-E4-2'	7/30/2014	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049
Area1-SW-E5-2'	8/7/2014	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
Area1-SW-E6-2.5'	8/7/2014	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049
Area1-SW-E7-2'	8/7/2014	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
Area1-SW-E8-2'	8/7/2014	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
Area1-SW-E8a-3'	8/18/2014	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
Area1-SW-E8b-1.5'	8/18/2014	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
Area1-SW-E9-2'	8/7/2014	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049
Area1-SW-E10-1.5'	8/7/2014	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
Area1-SW-E11-1.5'	8/7/2014	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049
Area1-SW-N1-3'	9/22/2014	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
Area1-SW-N2-3'	9/22/2014	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
Area1-SW-N3-3'	9/23/2014	<0.0051	<0.0051	<0.0051	<0.0051	<0.0051	<0.0051	<0.0051	<0.0051	<0.0051	<0.0051	<0.0051	<0.0051	<0.0051	<0.0051	<0.0051	<0.0051	<0.0051	<0.0051	<0.0051	<0.0051	<0.0051

Table 2
Soil Analytical Results - Volatile Organic Compounds
Former Orcutt Refinery
1550 West Stowell Road
Santa Maria, California

Sample Location	Date	2-Chlorotoluene	4-Chlorotoluene	4-Isopropyl Toluene	Benzene	Bromobenzene	Bromochloromethane	Bromodichloromethane	Bromoform	Bromomethane	Carbon tetrachloride	Chlorobenzene	Chloroethane	Chloroform	Chloromethane	cis-1,2-Dichloroethene	cis-1,3-Dichloropropene	Dibromochloromethane	Dibromomethane	Dichlorodifluoromethane	Ethylbenzene	Hexachlorobutadiene
Area1-Bot60-7'	8/7/2014	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
Area1-Bot61-1.5'	8/7/2014	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
Area1-Bot62-7'	8/7/2014	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
Area1-Bot63-4'	8/7/2014	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
Area1-Bot63a-6'	8/18/2014	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
Area1-Bot64-4'	8/7/2014	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
Area1-Bot65-6'	8/18/2014	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
Area1-Bot66-2'	8/18/2014	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049
Area1-Bot67-1'	8/18/2014	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049
Area1-Bot68-1'	8/18/2014	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
Area1-Bot69-5.5'	8/18/2014	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
Area1-Bot70-7'	8/18/2014	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049
Area1-Bot71-7'	8/18/2014	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025
Area1-Bot72-7'	8/18/2014	<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	<2.5	<2.5	<2.5
Area1-Bot73-7'	8/18/2014	<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	<0.25	<0.25	<0.25
Area1-Bot74-8'	8/18/2014	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
Area1-Bot75-7'	8/18/2014	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049
Area1-Bot76-2'	8/18/2014	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
Area1-Bot77-2.5'	8/18/2014	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049
Area1-Bot78-2'	8/18/2014	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
Area1-Bot79-2'	8/18/2014	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
Area1-Bot80-7'	8/18/2014	<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	<2.5	<2.5	<2.5
Area1-SW-W1-2.5'	7/25/2014	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049
Area1-SW-W2-2.5'	7/25/2014	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
Area1-SW-W3-2'	7/25/2014	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049
Area1-SW-W4-2'	7/25/2014	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
Area1-SW-W5-2.5'	8/18/2014	<0.0051	<0.0051	<0.0051	<0.0051	<0.0051	<0.0051	<0.0051	<0.0051	<0.0051	<0.0051	<0.0051	<0.0051	<0.0051	<0.0051	<0.0051	<0.0051	<0.0051	<0.0051	<0.0051	<0.0051	<0.0051
Area1-SW-W6-2.5'	8/18/2014	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
Area1-SW-W7-1'	8/18/2014	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
Area1-SW-W8-3'	8/18/2014	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
Area1-SW-W9-2'	8/18/2014	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
Area1-SW-W10-2'	8/18/2014	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
Area1-SW-W11-1'	8/18/2014	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
Area1-SW-W12-2'	8/18/2014	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
Area1-SW-W13-1.5'	8/22/2014	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049
Area1-SW-W13A-1.5'	9/24/2014	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049
Area1-SW-S1-2'	7/25/2014	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
Area1-SW-S2-2.5'	7/25/2014	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
Area1-SW-S3-2.5'	7/25/2014	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
Area1-SW-S4-2.5'	7/25/2014	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048
Area1-SW-S5-3'	7/25/2014	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
Area1-SW-S5A-2.5'	7/29/2014	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
Area1-SW-E1-3'	7/25/2014	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
Area1-SW-E2-2.5'	7/25/2014	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049
Area1-SW-E3-3'	7/30/2014	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
Area1-SW-E3A-2'	8/12/2014	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
Area1-SW-E4-2'	7/30/2014	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049
Area1-SW-E5-2'	8/7/2014	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
Area1-SW-E6-2.5'	8/7/2014	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049
Area1-SW-E7-2'	8/7/2014	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
Area1-SW-E8-2'	8/7/2014	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
Area1-SW-E8a-3'	8/18/2014	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
Area1-SW-E8b-1.5'	8/18/2014	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
Area1-SW-E9-2'	8/7/2014	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049
Area1-SW-E10-1.5'	8/7/2014	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
Area1-SW-E11-1.5'	8/7/2014	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049
Area1-SW-N1-3'	9/22/2014	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
Area1-SW-N2-3'	9/22/2014	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
Area1-SW-N3-3'	9/23/2014	<0.0051	<0.0051	<0.0051	<0.0051	<0.0051	<0.0051	<0.0051	<0.0051	<0.0051	<0.0051	<0.0051	<0.0051	<0.0051	<0.0051	<0.0051	<0.0051	<0.0051	<0.0051	<0.0051	<0.0051	<0.0051

Table 2
Soil Analytical Results - Volatile Organic Compounds
Former Orcutt Refinery
1550 West Stowell Road
Santa Maria, California

Sample Location	Date	Isopropylbenzene	Methylene Chloride	Naphthalene	n-Butylbenzene	n-Propylbenzene	sec-Butylbenzene	Styrene	tert-Butylbenzene	Tetrachloroethene (PCE)	Toluene	trans-1,2-Dichloroethene	trans-1,3-Dichloropropene	Trichloroethene (TCE)	Trichlorofluoromethane	Vinyl Chloride	Xylenes (total)
Area1-Bot60-7'	8/7/2014	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
Area1-Bot61-1.5'	8/7/2014	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
Area1-Bot62-7'	8/7/2014	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
Area1-Bot63-4'	8/7/2014	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
Area1-Bot63a-6'	8/18/2014	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
Area1-Bot64-4'	8/7/2014	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
Area1-Bot65-6'	8/18/2014	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
Area1-Bot66-2'	8/18/2014	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049
Area1-Bot67-1'	8/18/2014	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049
Area1-Bot68-1'	8/18/2014	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
Area1-Bot69-5.5'	8/18/2014	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
Area1-Bot70-7'	8/18/2014	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049
Area1-Bot71-7'	8/18/2014	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025
Area1-Bot72-7'	8/18/2014	<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
Area1-Bot73-7'	8/18/2014	<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
Area1-Bot74-8'	8/18/2014	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
Area1-Bot75-7'	8/18/2014	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049
Area1-Bot76-2'	8/18/2014	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
Area1-Bot77-2.5'	8/18/2014	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049
Area1-Bot78-2'	8/18/2014	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
Area1-Bot79-2'	8/18/2014	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
Area1-Bot80-7'	8/18/2014	<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
Area1-SW-W1-2.5'	7/25/2014	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049
Area1-SW-W2-2.5'	7/25/2014	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
Area1-SW-W3-2'	7/25/2014	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049
Area1-SW-W4-2'	7/25/2014	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
Area1-SW-W5-2.5'	8/18/2014	<0.0051	<0.0051	<0.0051	<0.0051	<0.0051	<0.0051	<0.0051	<0.0051	<0.0051	<0.0051	<0.0051	<0.0051	<0.0051	<0.0051	<0.0051	<0.0051
Area1-SW-W6-2.5'	8/18/2014	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
Area1-SW-W7-1'	8/18/2014	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
Area1-SW-W8-3'	8/18/2014	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
Area1-SW-W9-2'	8/18/2014	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
Area1-SW-W10-2'	8/18/2014	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
Area1-SW-W11-1'	8/18/2014	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
Area1-SW-W12-2'	8/18/2014	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
Area1-SW-W13-1.5'	8/22/2014	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049
Area1-SW-W13A-1.5'	9/24/2014	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049
Area1-SW-S1-2'	7/25/2014	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
Area1-SW-S2-2.5'	7/25/2014	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
Area1-SW-S3-2.5'	7/25/2014	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
Area1-SW-S4-2.5'	7/25/2014	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048
Area1-SW-S5-3'	7/25/2014	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
Area1-SW-S5A-2.5'	7/29/2014	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
Area1-SW-E1-3'	7/25/2014	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
Area1-SW-E2-2.5'	7/25/2014	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049
Area1-SW-E3-3'	7/30/2014	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
Area1-SW-E3A-2'	8/12/2014	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
Area1-SW-E4-2'	7/30/2014	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049
Area1-SW-E5-2'	8/7/2014	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
Area1-SW-E6-2.5'	8/7/2014	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049
Area1-SW-E7-2'	8/7/2014	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
Area1-SW-E8-2'	8/7/2014	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
Area1-SW-E8a-3'	8/18/2014	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
Area1-SW-E8b-1.5'	8/18/2014	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
Area1-SW-E9-2'	8/7/2014	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049
Area1-SW-E10-1.5'	8/7/2014	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
Area1-SW-E11-1.5'	8/7/2014	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049
Area1-SW-N1-3'	9/22/2014	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
Area1-SW-N2-3'	9/22/2014	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
Area1-SW-N3-3'	9/23/2014	<0.0051	<0.0051	<0.0051	<0.0051	<0.0051	<0.0051	<0.0051	<0.0051	<0.0051	<0.0051	<0.0051	<0.0051	<0.0051	<0.0051	<0.0051	<0.0051

Table 2
Soil Analytical Results - Volatile Organic Compounds
Former Orcutt Refinery
1550 West Stowell Road
Santa Maria, California

Sample Location	Date	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	1,2-Dibromoethane (EDB)	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
Area1-SW-N4-3'	9/23/2014	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049
Area1-SW-N5-3'	9/23/2014	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049
Area1-SW-N6-3'	9/23/2014	<0.0051	<0.0051	<0.0051	<0.0051	<0.0051	<0.0051	<0.0051	<0.0051	<0.0051	<0.0051	<0.0051	<0.0051	<0.0051	<0.0051	<0.0051	<0.0051	<0.0051	<0.0051	<0.0051	<0.0051	<0.0051
Area1-SW-N7-3'	9/23/2014	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
Area1-SW-N8-3'	9/24/2014	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048
Area1-SW-N9-3'	9/24/2014	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048
Area1-SW-N10-3'	9/24/2014	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048
Area1-PH1-5.5'	6/26/2014	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048
Area1-PH2-6'	6/26/2014	<0.0046	<0.0046	<0.0046	<0.0046	<0.0046	<0.0046	<0.0046	<0.0046	<0.0046	<0.0046	<0.0046	<0.0046	<0.0046	<0.0046	<0.0046	<0.0046	<0.0046	<0.0046	<0.0046	<0.0046	<0.0046
Area1-PH3-7'	6/26/2014	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049
Area1-PH4-7'	6/26/2014	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048
Area1/6-Bot1-7'	8/22/2014	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
Area1/6-Bot2-7'	8/22/2014	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048
Area2-Bot1-5.5'	5/29/2014	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
Area2-Bot2-5.5'	5/29/2014	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048
Area2-Bot3-5.5'	5/29/2014	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
Area2-Bot4-5.5'	5/29/2014	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049
Area2-SW-E1-2'	5/29/2014	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
Area2-SW-N1-2'	5/29/2014	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
Area2-SW-N2-2'	5/29/2014	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
Area2-SW-S1-2'	5/29/2014	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049
Area2-SW-S2-2'	5/29/2014	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049
Area2-SW-W1-2'	5/29/2014	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049
Area2-SW-W2-2'	5/29/2014	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048
Area3-Bot1-7.5'	6/10/2014	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
Area3-Bot2-7.5'	6/10/2014	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048
Area3-Bot3-7.5'	6/10/2014	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048
Area3-Bot4-3'	8/12/2014	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049
Area3-Bot5-4'	8/12/2014	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
Area3-SW-E2-3'	6/19/2014	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
Area3-SW-N1-3'	6/10/2014	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
Area3-SW-N2-3'	6/10/2014	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
Area3-SW-N3-2'	8/22/2014	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049
Area3-SW-N4-2'	8/22/2014	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049
Area3-SW-N5-2'	8/22/2014	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048
Area3-SW-S1-3.5'	6/10/2014	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049
Area3-SW-W1-3'	6/10/2014	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
Area3-SW-W2-3'	6/19/2014	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
Area3-SW-W3-1'	8/12/2014	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049
Area3-SW-W4-1'	8/12/2014	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
Area3-SW-W5-1.5'	8/12/2014	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
Area3-SW-W6-3'	8/12/2014	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
Area3-SW-W7-2'	8/18/2014	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
Area4-Bot1-7.5'	6/6/2014	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
Area4-Bot2-7.5'	6/6/2014	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
Area4-Bot3-8'	6/6/2014	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
Area4-Bot4-6.5'	6/6/2014	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
Area4-Bot5-6.5'	6/6/2014	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049
Area4-Bot6-7'	6/6/2014	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
Area4-Bot7-7.5'	6/10/2014	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
Area4-SW-E1-3'	6/6/2014	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
Area4-SW-N1-2'	6/6/2014	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
Area4-SW-N1a-3'	8/18/2014	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049
Area4-SW-N2-3'	6/6/2014	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
Area4-SW-N3-3'	6/6/2014	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
Area4-SW-N4-3'	6/6/2014	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
Area4-SW-N5-3'	6/6/2014	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049
Area4-SW-N6-3'	6/6/2014	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048
Area4-SW-S1-3'	6/6/2014	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050

Table 2
Soil Analytical Results - Volatile Organic Compounds
Former Orcutt Refinery
1550 West Stowell Road
Santa Maria, California

Sample Location	Date	2-Chlorotoluene	4-Chlorotoluene	4-Isopropyl Toluene	Benzene	Bromobenzene	Bromochloromethane	Bromodichloromethane	Bromoform	Bromomethane	Carbon tetrachloride	Chlorobenzene	Chloroethane	Chloroform	Chloromethane	cis-1,2-Dichloroethene	cis-1,3-Dichloropropene	Dibromochloromethane	Dibromomethane	Dichlorodifluoromethane	Ethylbenzene	Hexachlorobutadiene
Area1-SW-N4-3'	9/23/2014	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049
Area1-SW-N5-3'	9/23/2014	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049
Area1-SW-N6-3'	9/23/2014	<0.0051	<0.0051	<0.0051	<0.0051	<0.0051	<0.0051	<0.0051	<0.0051	<0.0051	<0.0051	<0.0051	<0.0051	<0.0051	<0.0051	<0.0051	<0.0051	<0.0051	<0.0051	<0.0051	<0.0051	<0.0051
Area1-SW-N7-3'	9/23/2014	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
Area1-SW-N8-3'	9/24/2014	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048
Area1-SW-N9-3'	9/24/2014	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048
Area1-SW-N10-3'	9/24/2014	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048
Area1-PH1-5.5'	6/26/2014	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048
Area1-PH2-6'	6/26/2014	<0.0046	<0.0046	<0.0046	<0.0046	<0.0046	<0.0046	<0.0046	<0.0046	<0.0046	<0.0046	<0.0046	<0.0046	<0.0046	<0.0046	<0.0046	<0.0046	<0.0046	<0.0046	<0.0046	<0.0046	<0.0046
Area1-PH3-7'	6/26/2014	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049
Area1-PH4-7'	6/26/2014	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048
Area1/6-Bot1-7'	8/22/2014	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
Area1/6-Bot2-7'	8/22/2014	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048
Area2-Bot1-5.5'	5/29/2014	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
Area2-Bot2-5.5'	5/29/2014	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048
Area2-Bot3-5.5'	5/29/2014	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
Area2-Bot4-5.5'	5/29/2014	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049
Area2-SW-E1-2'	5/29/2014	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
Area2-SW-N1-2'	5/29/2014	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
Area2-SW-N2-2'	5/29/2014	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
Area2-SW-S1-2'	5/29/2014	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049
Area2-SW-S2-2'	5/29/2014	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049
Area2-SW-W1-2'	5/29/2014	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049
Area2-SW-W2-2'	5/29/2014	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048
Area3-Bot1-7.5'	6/10/2014	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
Area3-Bot2-7.5'	6/10/2014	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048
Area3-Bot3-7.5'	6/10/2014	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048
Area3-Bot4-3'	8/12/2014	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049
Area3-Bot5-4'	8/12/2014	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
Area3-SW-E2-3'	6/19/2014	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
Area3-SW-N1-3'	6/10/2014	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
Area3-SW-N2-3'	6/10/2014	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
Area3-SW-N3-2'	8/22/2014	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049
Area3-SW-N4-2'	8/22/2014	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049
Area3-SW-N5-2'	8/22/2014	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048
Area3-SW-S1-3.5'	6/10/2014	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049
Area3-SW-W1-3'	6/10/2014	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
Area3-SW-W2-3'	6/19/2014	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
Area3-SW-W3-1'	8/12/2014	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049
Area3-SW-W4-1'	8/12/2014	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
Area3-SW-W5-1.5'	8/12/2014	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
Area3-SW-W6-3'	8/12/2014	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
Area3-SW-W7-2'	8/18/2014	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
Area4-Bot1-7.5'	6/6/2014	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
Area4-Bot2-7.5'	6/6/2014	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
Area4-Bot3-8'	6/6/2014	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
Area4-Bot4-6.5'	6/6/2014	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
Area4-Bot5-6.5'	6/6/2014	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049
Area4-Bot6-7'	6/6/2014	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
Area4-Bot7-7.5'	6/10/2014	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
Area4-SW-E1-3'	6/6/2014	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
Area4-SW-N1-2'	6/6/2014	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
Area4-SW-N1a-3'	8/18/2014	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049
Area4-SW-N2-3'	6/6/2014	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
Area4-SW-N3-3'	6/6/2014	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
Area4-SW-N4-3'	6/6/2014	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
Area4-SW-N5-3'	6/6/2014	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049
Area4-SW-N6-3'	6/6/2014	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048
Area4-SW-S1-3'	6/6/2014	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050

Table 2
Soil Analytical Results - Volatile Organic Compounds
Former Orcutt Refinery
1550 West Stowell Road
Santa Maria, California

Sample Location	Date	Isopropylbenzene	Methylene Chloride	Naphthalene	n-Butylbenzene	n-Propylbenzene	sec-Butylbenzene	Styrene	tert-Butylbenzene	Tetrachloroethene (PCE)	Toluene	trans-1,2-Dichloroethene	trans-1,3-Dichloropropene	Trichloroethene (TCE)	Trichlorofluoromethane	Vinyl Chloride	Xylenes (total)
Area1-SW-N4-3'	9/23/2014	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049
Area1-SW-N5-3'	9/23/2014	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049
Area1-SW-N6-3'	9/23/2014	<0.0051	<0.0051	<0.0051	<0.0051	<0.0051	<0.0051	<0.0051	<0.0051	<0.0051	<0.0051	<0.0051	<0.0051	<0.0051	<0.0051	<0.0051	<0.0051
Area1-SW-N7-3'	9/23/2014	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
Area1-SW-N8-3'	9/24/2014	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048
Area1-SW-N9-3'	9/24/2014	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048
Area1-SW-N10-3'	9/24/2014	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048
Area1-PH1-5.5'	6/26/2014	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048
Area1-PH2-6'	6/26/2014	<0.0046	<0.0046	<0.0046	<0.0046	<0.0046	<0.0046	<0.0046	<0.0046	<0.0046	<0.0046	<0.0046	<0.0046	<0.0046	<0.0046	<0.0046	<0.0046
Area1-PH3-7'	6/26/2014	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049
Area1-PH4-7'	6/26/2014	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048
Area1/6-Bot1-7'	8/22/2014	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
Area1/6-Bot2-7'	8/22/2014	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048
Area2-Bot1-5.5'	5/29/2014	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
Area2-Bot2-5.5'	5/29/2014	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048
Area2-Bot3-5.5'	5/29/2014	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
Area2-Bot4-5.5'	5/29/2014	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049
Area2-SW-E1-2'	5/29/2014	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
Area2-SW-N1-2'	5/29/2014	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
Area2-SW-N2-2'	5/29/2014	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
Area2-SW-S1-2'	5/29/2014	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049
Area2-SW-S2-2'	5/29/2014	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049
Area2-SW-W1-2'	5/29/2014	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049
Area2-SW-W2-2'	5/29/2014	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048
Area3-Bot1-7.5'	6/10/2014	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
Area3-Bot2-7.5'	6/10/2014	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048
Area3-Bot3-7.5'	6/10/2014	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048
Area3-Bot4-3'	8/12/2014	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049
Area3-Bot5-4'	8/12/2014	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
Area3-SW-E2-3'	6/19/2014	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
Area3-SW-N1-3'	6/10/2014	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
Area3-SW-N2-3'	6/10/2014	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
Area3-SW-N3-2'	8/22/2014	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049
Area3-SW-N4-2'	8/22/2014	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049
Area3-SW-N5-2'	8/22/2014	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048
Area3-SW-S1-3.5'	6/10/2014	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049
Area3-SW-W1-3'	6/10/2014	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
Area3-SW-W2-3'	6/19/2014	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
Area3-SW-W3-1'	8/12/2014	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049
Area3-SW-W4-1'	8/12/2014	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
Area3-SW-W5-1.5'	8/12/2014	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
Area3-SW-W6-3'	8/12/2014	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
Area3-SW-W7-2'	8/18/2014	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
Area4-Bot1-7.5'	6/6/2014	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
Area4-Bot2-7.5'	6/6/2014	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
Area4-Bot3-8'	6/6/2014	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
Area4-Bot4-6.5'	6/6/2014	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
Area4-Bot5-6.5'	6/6/2014	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049
Area4-Bot6-7'	6/6/2014	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
Area4-Bot7-7.5'	6/10/2014	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
Area4-SW-E1-3'	6/6/2014	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
Area4-SW-N1-2'	6/6/2014	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
Area4-SW-N1a-3'	8/18/2014	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049
Area4-SW-N2-3'	6/6/2014	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
Area4-SW-N3-3'	6/6/2014	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
Area4-SW-N4-3'	6/6/2014	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
Area4-SW-N5-3'	6/6/2014	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049
Area4-SW-N6-3'	6/6/2014	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048
Area4-SW-S1-3'	6/6/2014	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050

Table 2
Soil Analytical Results - Volatile Organic Compounds
Former Orcutt Refinery
1550 West Stowell Road
Santa Maria, California

Sample Location	Date	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	1,2-Dibromoethane (EDB)	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
Area4-SW-S2-3'	6/6/2014	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	**0.36**	<0.050	<0.050	<0.050	<0.050	<0.050	**0.11**	<0.050	<0.050	<0.050	<0.050
Area4-SW-S3-3'	6/6/2014	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
Area4-SW-S4-3'	6/6/2014	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
Area4-SW-S5-3'	6/6/2014	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
Area4-SW-S6-1.5'	7/2/2014	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049
Area4-SW-S7-1.5'	7/2/2014	<2.4	<2.4	<2.4	<2.4	<2.4	<2.4	<2.4	<2.4	<2.4	<2.4	**7.9**	<2.4	<2.4	<2.4	<2.4	<2.4	**2.6**	<2.4	<2.4	<2.4	<2.4
Area4-SW-S8-1.5'	7/2/2014	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049
Area4-SW-S9-1'	7/2/2014	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
Area4-SW-W1-2'	6/6/2014	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
Area5-Bot1-1.5'	7/9/2014	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049
Area6-Bot1-5'	7/11/2014	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
Area6-Bot2-6'	7/11/2014	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
Area6-Bot3-7'	7/11/2014	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049
Area6-SW-E1-3'	7/11/2014	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
Area6-SW-E2-2.5'	7/11/2014	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049
Area6-SW-E3-2'	7/15/2014	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
Area6-SW-N1-3'	7/11/2014	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048
Area6-SW-N2-3'	7/11/2014	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049
Area6-SW-S1-2'	7/11/2014	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049
Area6-SW-S2-2'	7/11/2014	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049
Area6-SW-W1-3'	7/11/2014	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
Area7-Bot1-3'	7/15/2014	<0.0047	<0.0047	<0.0047	<0.0047	<0.0047	<0.0047	<0.0047	<0.0047	<0.0047	<0.0047	<0.0047	<0.0047	<0.0047	<0.0047	<0.0047	<0.0047	<0.0047	<0.0047	<0.0047	<0.0047	<0.0047	<0.0047
Area7-Bot2-4'	7/15/2014	<0.0047	<0.0047	<0.0047	<0.0047	<0.0047	<0.0047	<0.0047	<0.0047	<0.0047	<0.0047	<0.0047	<0.0047	<0.0047	<0.0047	<0.0047	<0.0047	<0.0047	<0.0047	<0.0047	<0.0047	<0.0047	<0.0047
Area7-Bot3-7'	7/15/2014	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048
Area7-Bot4-6'	7/15/2014	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049
Area7-Bot5-3'	7/15/2014	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
Area7-Bot5A-4'	7/22/2014	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
Area7-Bot6-3'	7/22/2014	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
Area7-SW-E1-1'	7/22/2014	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
Area7-SW-N1-1'	7/22/2014	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
Area7-SW-N2-1'	7/22/2014	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049
Area7-SW-N3-1.5'	7/22/2014	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
Area7-SW-N4-2'	7/22/2014	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049
Area7-SW-N5-2'	7/22/2014	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049
Area7-SW-N6-1'	7/22/2014	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
Area7-SW-S1-1.5'	7/22/2014	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048
Area7-SW-S2-1'	7/22/2014	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049
Area7-SW-S3-1.5'	7/22/2014	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049
Area7-SW-S4-2.5'	7/22/2014	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049
Area7-SW-S5-1'	7/22/2014	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049
Area7-SW-S6-1'	7/22/2014	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048
Area7-SW-W1-1.5'	7/22/2014	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
Area8-Bot1-5'	9/3/2014	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049
Area8-Bot2-5'	9/3/2014	<0.0047	<0.0047	<0.0047	<0.0047	<0.0047	<0.0047	<0.0047	<0.0047	<0.0047	<0.0047	<0.0047	<0.0047	<0.0047	<0.0047	<0.0047	<0.0047	<0.0047	<0.0047	<0.0047	<0.0047	<0.0047	<0.0047
Area8-Bot3-5'	9/3/2014	<0.0051	<0.0051	<0.0051	<0.0051	<0.0051	<0.0051	<0.0051	<0.0051	<0.0051	<0.0051	<0.0051	<0.0051	<0.0051	<0.0051	<0.0051	<0.0051	<0.0051	<0.0051	<0.0051	<0.0051	<0.0051	<0.0051
Area8-Bot3A-6'	9/10/2014	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
Area8-Bot4-7'	9/10/2014	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
Area8-Bot5-7'	9/10/2014	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
Area8-Bot6-7'	9/10/2014	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
Area8-Bot7-7'	9/10/2014	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
Area8-Bot8-7'	9/10/2014	<1.2	<1.2	<1.2	<1.2	<1.2	<1.2	<1.2	<1.2	<1.2	<1.2	**13**	<1.2	<1.2	<1.2	<1.2	<1.2	**3.4**	<1.2	<1.2	<1.2	<1.2
Area8-Bot9-5'	9/10/2014	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049
Area8-Bot10-6'	9/10/2014	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048
Area8-Bot11-8'	9/16/2014	<0.0046	<0.0046	<0.0046	<0.0046	<0.0046	<0.0046	<0.0046	<0.0046	<0.0046	<0.0046	<0.0046	<0.0046	<0.0046	<0.0046	<0.0046	<0.0046	<0.0046	<0.0046	<0.0046	<0.0046	<0.0046	<0.0046
Area8-Bot12-7'	9/16/2014	<0.0047	<0.0047	<0.0047	<0.0047	<0.0047	<0.0047	<0.0047	<0.0047	<0.0047	<0.0047	<0.0047	<0.0047	<0.0047	<0.0047	<0.0047	<0.0047	<0.0047	<0.0047	<0.0047	<0.0047	<0.0047	<0.0047
Area8-Bot13-6'	9/16/2014	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
Area8-Bot14-6'	9/16/2014	<0.0047	<0.0047	<0.0047	<0.0047	<0.0047	<0.0047	<0.0047	<0.0047	<0.0047	<0.0047	<0.0047	<0.0047	<0.0047	<0.0047	<0.0047	<0.0047	<0.0047	<0.0047	<0.0047	<0.0047	<0.0047	<0.0047
Area8-Bot15-7'	9/16/2014	<0.0047	<0.0047	<0.0047	<0.0047	<0.0047	<0.0047	<0.0047	<0.0047	<0.0047	<0.0047	<0.0047	<0.0047	<0.0047	<0.0047	<0.0047	<0.0047	<0.0047	<0.0047	<0.0047	<0.0047	<0.0047	<0.0047
Area8-Bot16-8'	9/16/2014	<0.24	<0.24	<0.24	<0.24	<0.24	<0.24	<0.24	<0.24	<0.24	<0.24	**0.68**	<0.24	<0.24	<0.24	<0.24	<0.24	**0.26**	<0.24	<0.24	<0.24	<0.24

Table 2
Soil Analytical Results - Volatile Organic Compounds
Former Orcutt Refinery
1550 West Stowell Road
Santa Maria, California

Sample Location	Date	2-Chlorotoluene	4-Chlorotoluene	4-Isopropyl Toluene	Benzene	Bromobenzene	Bromochloromethane	Bromodichloromethane	Bromoform	Bromomethane	Carbon tetrachloride	Chlorobenzene	Chloroethane	Chloroform	Chloromethane	cis-1,2-Dichloroethene	cis-1,3-Dichloropropene	Dibromochloromethane	Dibromomethane	Dichlorodifluoromethane	Ethylbenzene	Hexachlorobutadiene
Area4-SW-S2-3'	6/6/2014	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	**0.14**	<0.050
Area4-SW-S3-3'	6/6/2014	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
Area4-SW-S4-3'	6/6/2014	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
Area4-SW-S5-3'	6/6/2014	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
Area4-SW-S6-1.5'	7/2/2014	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049
Area4-SW-S7-1.5'	7/2/2014	<2.4	<2.4	<2.4	<2.4	<2.4	<2.4	<2.4	<2.4	<2.4	<2.4	<2.4	<2.4	<2.4	<2.4	<2.4	<2.4	<2.4	<2.4	<2.4	<2.4	<2.4
Area4-SW-S8-1.5'	7/2/2014	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049
Area4-SW-S9-1'	7/2/2014	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
Area4-SW-W1-2'	6/6/2014	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
Area5-Bot1-1.5'	7/9/2014	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049
Area6-Bot1-5'	7/11/2014	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
Area6-Bot2-6'	7/11/2014	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
Area6-Bot3-7'	7/11/2014	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049
Area6-SW-E1-3'	7/11/2014	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
Area6-SW-E2-2.5'	7/11/2014	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049
Area6-SW-E3-2'	7/15/2014	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
Area6-SW-N1-3'	7/11/2014	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048
Area6-SW-N2-3'	7/11/2014	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049
Area6-SW-S1-2'	7/11/2014	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049
Area6-SW-S2-2'	7/11/2014	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049
Area6-SW-W1-3'	7/11/2014	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
Area7-Bot1-3'	7/15/2014	<0.0047	<0.0047	<0.0047	<0.0047	<0.0047	<0.0047	<0.0047	<0.0047	<0.0047	<0.0047	<0.0047	<0.0047	<0.0047	<0.0047	<0.0047	<0.0047	<0.0047	<0.0047	<0.0047	<0.0047	<0.0047
Area7-Bot2-4'	7/15/2014	<0.0047	<0.0047	<0.0047	<0.0047	<0.0047	<0.0047	<0.0047	<0.0047	<0.0047	<0.0047	<0.0047	<0.0047	<0.0047	<0.0047	<0.0047	<0.0047	<0.0047	<0.0047	<0.0047	<0.0047	<0.0047
Area7-Bot3-7'	7/15/2014	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048
Area7-Bot4-6'	7/15/2014	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049
Area7-Bot5-3'	7/15/2014	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
Area7-Bot5A-4'	7/22/2014	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
Area7-Bot6-3'	7/22/2014	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
Area7-SW-E1-1'	7/22/2014	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
Area7-SW-N1-1'	7/22/2014	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
Area7-SW-N2-1'	7/22/2014	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049
Area7-SW-N3-1.5'	7/22/2014	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
Area7-SW-N4-2'	7/22/2014	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049
Area7-SW-N5-2'	7/22/2014	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049
Area7-SW-N6-1'	7/22/2014	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
Area7-SW-S1-1.5'	7/22/2014	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048
Area7-SW-S2-1'	7/22/2014	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049
Area7-SW-S3-1.5'	7/22/2014	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049
Area7-SW-S4-2.5'	7/22/2014	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049
Area7-SW-S5-1'	7/22/2014	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049
Area7-SW-S6-1'	7/22/2014	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048
Area7-SW-W1-1.5'	7/22/2014	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
Area8-Bot1-5'	9/3/2014	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049
Area8-Bot2-5'	9/3/2014	<0.0047	<0.0047	<0.0047	<0.0047	<0.0047	<0.0047	<0.0047	<0.0047	<0.0047	<0.0047	<0.0047	<0.0047	<0.0047	<0.0047	<0.0047	<0.0047	<0.0047	<0.0047	<0.0047	<0.0047	<0.0047
Area8-Bot3-5'	9/3/2014	<0.0051	<0.0051	<0.0051	<0.0051	<0.0051	<0.0051	<0.0051	<0.0051	<0.0051	<0.0051	<0.0051	<0.0051	<0.0051	<0.0051	<0.0051	<0.0051	<0.0051	<0.0051	<0.0051	<0.0051	<0.0051
Area8-Bot3A-6'	9/10/2014	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
Area8-Bot4-7'	9/10/2014	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
Area8-Bot5-7'	9/10/2014	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
Area8-Bot6-7'	9/10/2014	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
Area8-Bot7-7'	9/10/2014	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
Area8-Bot8-7'	9/10/2014	<1.2	<1.2	**3.4**	<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	**4.9**	<1.2
Area8-Bot9-5'	9/10/2014	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049
Area8-Bot10-6'	9/10/2014	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048
Area8-Bot11-8'	9/16/2014	<0.0046	<0.0046	<0.0046	<0.0046	<0.0046	<0.0046	<0.0046	<0.0046	<0.0046	<0.0046	<0.0046	<0.0046	<0.0046	<0.0046	<0.0046	<0.0046	<0.0046	<0.0046	<0.0046	<0.0046	<0.0046
Area8-Bot12-7'	9/16/2014	<0.0047	<0.0047	<0.0047	<0.0047	<0.0047	<0.0047	<0.0047	<0.0047	<0.0047	<0.0047	<0.0047	<0.0047	<0.0047	<0.0047	<0.0047	<0.0047	<0.0047	<0.0047	<0.0047	<0.0047	<0.0047
Area8-Bot13-6'	9/16/2014	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
Area8-Bot14-6'	9/16/2014	<0.0047	<0.0047	<0.0047	<0.0047	<0.0047	<0.0047	<0.0047	<0.0047	<0.0047	<0.0047	<0.0047	<0.0047	<0.0047	<0.0047	<0.0047	<0.0047	<0.0047	<0.0047	<0.0047	<0.0047	<0.0047
Area8-Bot15-7'	9/16/2014	<0.0047	<0.0047	<0.0047	<0.0047	<0.0047	<0.0047	<0.0047	<0.0047	<0.0047	<0.0047	<0.0047	<0.0047	<0.0047	<0.0047	<0.0047	<0.0047	<0.0047	<0.0047	<0.0047	<0.0047	<0.0047
Area8-Bot16-8'	9/16/2014	<0.24	<0.24	**1.3**	<0.24	<0.24	<0.24	<0.24	<0.24	<0.24	<0.24	<0.24	<0.24	<0.24	<0.24	<0.24	<0.24	<0.24	<0.24	<0.24	**0.70**	<0.24

Table 2
Soil Analytical Results - Volatile Organic Compounds
Former Orcutt Refinery
1550 West Stowell Road
Santa Maria, California

Sample Location	Date	Isopropylbenzene	Methylene Chloride	Naphthalene	n-Butylbenzene	n-Propylbenzene	sec-Butylbenzene	Styrene	tert-Butylbenzene	Tetrachloroethene (PCE)	Toluene	trans-1,2-Dichloroethene	trans-1,3-Dichloropropene	Trichloroethene (TCE)	Trichlorofluoromethane	Vinyl Chloride	Xylenes (total)
Area4-SW-S2-3'	6/6/2014	<0.050	<0.050	**0.3**	**0.052**	**0.074**	<0.050	<0.050	<0.050	<0.050	**0.069**	<0.050	<0.050	<0.050	<0.050	<0.050	**0.5**
Area4-SW-S3-3'	6/6/2014	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
Area4-SW-S4-3'	6/6/2014	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
Area4-SW-S5-3'	6/6/2014	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
Area4-SW-S6-1.5'	7/2/2014	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049
Area4-SW-S7-1.5'	7/2/2014	<2.4	<2.4	**7**	<2.4	<2.4	<2.4	<2.4	<2.4	<2.4	<2.4	<2.4	<2.4	<2.4	<2.4	<2.4	**6.1**
Area4-SW-S8-1.5'	7/2/2014	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049
Area4-SW-S9-1'	7/2/2014	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
Area4-SW-W1-2'	6/6/2014	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
Area5-Bot1-1.5'	7/9/2014	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049
Area6-Bot1-5'	7/11/2014	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
Area6-Bot2-6'	7/11/2014	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
Area6-Bot3-7'	7/11/2014	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049
Area6-SW-E1-3'	7/11/2014	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
Area6-SW-E2-2.5'	7/11/2014	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049
Area6-SW-E3-2'	7/15/2014	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
Area6-SW-N1-3'	7/11/2014	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048
Area6-SW-N2-3'	7/11/2014	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049
Area6-SW-S1-2'	7/11/2014	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049
Area6-SW-S2-2'	7/11/2014	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049
Area6-SW-W1-3'	7/11/2014	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
Area7-Bot1-3'	7/15/2014	<0.0047	<0.0047	<0.0047	<0.0047	<0.0047	<0.0047	<0.0047	<0.0047	<0.0047	<0.0047	<0.0047	<0.0047	<0.0047	<0.0047	<0.0047	<0.0047
Area7-Bot2-4'	7/15/2014	<0.0047	<0.0047	<0.0047	<0.0047	<0.0047	<0.0047	<0.0047	<0.0047	<0.0047	<0.0047	<0.0047	<0.0047	<0.0047	<0.0047	<0.0047	<0.0047
Area7-Bot3-7'	7/15/2014	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048
Area7-Bot4-6'	7/15/2014	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049
Area7-Bot5-3'	7/15/2014	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
Area7-Bot5A-4'	7/22/2014	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
Area7-Bot6-3'	7/22/2014	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
Area7-SW-E1-1'	7/22/2014	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
Area7-SW-N1-1'	7/22/2014	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
Area7-SW-N2-1'	7/22/2014	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049
Area7-SW-N3-1.5'	7/22/2014	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
Area7-SW-N4-2'	7/22/2014	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049
Area7-SW-N5-2'	7/22/2014	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049
Area7-SW-N6-1'	7/22/2014	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
Area7-SW-S1-1.5'	7/22/2014	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048
Area7-SW-S2-1'	7/22/2014	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049
Area7-SW-S3-1.5'	7/22/2014	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049
Area7-SW-S4-2.5'	7/22/2014	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049
Area7-SW-S5-1'	7/22/2014	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049
Area7-SW-S6-1'	7/22/2014	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048
Area7-SW-W1-1.5'	7/22/2014	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
Area8-Bot1-5'	9/3/2014	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049
Area8-Bot2-5'	9/3/2014	<0.0047	<0.0047	<0.0047	<0.0047	<0.0047	<0.0047	<0.0047	<0.0047	<0.0047	<0.0047	<0.0047	<0.0047	<0.0047	<0.0047	<0.0047	<0.0047
Area8-Bot3-5'	9/3/2014	<0.0051	<0.0051	<0.0051	<0.0051	<0.0051	<0.0051	<0.0051	<0.0051	<0.0051	<0.0051	<0.0051	<0.0051	<0.0051	<0.0051	<0.0051	<0.0051
Area8-Bot3A-6'	9/10/2014	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
Area8-Bot4-7'	9/10/2014	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
Area8-Bot5-7'	9/10/2014	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
Area8-Bot6-7'	9/10/2014	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
Area8-Bot7-7'	9/10/2014	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
Area8-Bot8-7'	9/10/2014	**2.0**	<1.2	**12**	**2.9**	**3.5**	**2.2**	<1.2	<1.2	<1.2	<1.2	<1.2	<1.2	<1.2	<1.2	<1.2	**11**
Area8-Bot9-5'	9/10/2014	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049
Area8-Bot10-6'	9/10/2014	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048
Area8-Bot11-8'	9/16/2014	<0.0046	<0.0046	<0.0046	<0.0046	<0.0046	<0.0046	<0.0046	<0.0046	<0.0046	<0.0046	<0.0046	<0.0046	<0.0046	<0.0046	<0.0046	<0.0046
Area8-Bot12-7'	9/16/2014	<0.0047	<0.0047	<0.0047	<0.0047	<0.0047	<0.0047	<0.0047	<0.0047	<0.0047	<0.0047	<0.0047	<0.0047	<0.0047	<0.0047	<0.0047	<0.0047
Area8-Bot13-6'	9/16/2014	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
Area8-Bot14-6'	9/16/2014	<0.0047	<0.0047	<0.0047	<0.0047	<0.0047	<0.0047	<0.0047	<0.0047	<0.0047	<0.0047	<0.0047	<0.0047	<0.0047	<0.0047	<0.0047	<0.0047
Area8-Bot15-7'	9/16/2014	<0.0047	<0.0047	<0.0047	<0.0047	<0.0047	<0.0047	<0.0047	<0.0047	<0.0047	<0.0047	<0.0047	<0.0047	<0.0047	<0.0047	<0.0047	<0.0047
Area8-Bot16-8'	9/16/2014	**0.50**	<0.24	**3.5**	**1.5**	**1.1**	**0.95**	<0.24	<0.24	<0.24	<0.24	<0.24	<0.24	<0.24	<0.24	<0.24	<0.24

Table 2
Soil Analytical Results - Volatile Organic Compounds
Former Orcutt Refinery
1550 West Stowell Road
Santa Maria, California

Sample Location	Date	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	1,2-Dibromoethane (EDB)	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
Area8-Bot17-5'	9/16/2014	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049
Area8-Bot17A-8'	9/24/2014	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048
Area8-Bot18-1'	9/16/2014	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049
Area8-SW-E1-2'	9/3/2014	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
Area8-SW-E2-2'	9/3/2014	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
Area8-SW-E1A-2'	9/10/2014	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049
Area8-SW-E3-1.5'	9/3/2014	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048
Area8-SW-E4-2'	9/3/2014	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
Area8-SW-E5-2'	9/3/2014	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
Area8-SW-E6-1.5'	9/3/2014	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
Area8-SW-E7-2'	9/3/2014	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049
Area8-SW-E8-2.5'	9/3/2014	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049
Area8-SW-E9-2'	9/10/2014	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
Area8-SW-E10-1.5'	9/10/2014	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048
Area8-SW-E11-2'	9/16/2014	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049
Area8-SW-E12-2'	9/16/2014	<0.0047	<0.0047	<0.0047	<0.0047	<0.0047	<0.0047	<0.0047	<0.0047	<0.0047	<0.0047	<0.0047	<0.0047	<0.0047	<0.0047	<0.0047	<0.0047	<0.0047	<0.0047	<0.0047	<0.0047	<0.0047
Area8-SW-E13-2'	9/16/2014	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048
Area8-SW-E14-2'	9/16/2014	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049
Area8-SW-E15-2'	9/16/2014	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049
Area8-SW-E16-2'	9/16/2014	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
Area8-SW-E17-3'	9/16/2014	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
Area8-SW-E18-0.5'	9/16/2014	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049
Area8-SW-N1-2'	9/10/2014	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
Area8-SW-S1-1'	9/16/2014	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
Area8-SW-W1-2'	9/3/2014	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049
Area8-SW-W2-2'	9/3/2014	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
Area8-SW-W3-2'	9/3/2014	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049
Area8-SW-W4-3'	9/3/2014	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049
Area8-SW-W5-3'	9/3/2014	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
Area8-SW-W6-3'	9/3/2014	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
Area8-SW-W7-3'	9/3/2014	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048
Area8-SW-W8-3'	9/3/2014	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
Area8-SW-W9-2'	9/10/2014	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
Area8-SW-SW12-3'	9/16/2014	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
Area8-SW-W10-2'	9/10/2014	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049
Area8-SW-W11-2'	9/16/2014	<0.0047	<0.0047	<0.0047	<0.0047	<0.0047	<0.0047	<0.0047	<0.0047	<0.0047	<0.0047	<0.0047	<0.0047	<0.0047	<0.0047	<0.0047	<0.0047	<0.0047	<0.0047	<0.0047	<0.0047	<0.0047
Area8-SW-W13-3'	9/16/2014	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049
Area8-SW-W14-3'	9/16/2014	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048
Area8-SW-W15-3'	9/16/2014	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049
Area8-SW-W16-3'	9/16/2014	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049
Area8-SW-W17-3'	9/16/2014	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049
Area8-SW-W18-1'	9/16/2014	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
SWC-1-0.5'	10/3/2014	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
SWC-2-0.5'	10/3/2014	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
SWC-3-0.5'	10/3/2014	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
SWC-4-0.5'	10/3/2014	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
SBFPD Investigation Levels												**33**		**0.5**		**5.0**		**21**				

Table 2
Soil Analytical Results - Volatile Organic Compounds
Former Orcutt Refinery
1550 West Stowell Road
Santa Maria, California

Sample Location	Date	2-Chlorotoluene	4-Chlorotoluene	4-Isopropyl Toluene	Benzene	Bromobenzene	Bromochloromethane	Bromodichloromethane	Bromoform	Bromomethane	Carbon tetrachloride	Chlorobenzene	Chloroethane	Chloroform	Chloromethane	cis-1,2-Dichloroethene	cis-1,3-Dichloropropene	Dibromochloromethane	Dibromomethane	Dichlorodifluoromethane	Ethylbenzene	Hexachlorobutadiene
Area8-Bot17-5'	9/16/2014	<0.0049	<0.0049	**0.0055**	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049
Area8-Bot17A-8'	9/24/2014	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048
Area8-Bot18-1'	9/16/2014	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049
Area8-SW-E1-2'	9/3/2014	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
Area8-SW-E2-2'	9/3/2014	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
Area8-SW-E1A-2'	9/10/2014	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049
Area8-SW-E3-1.5'	9/3/2014	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048
Area8-SW-E4-2'	9/3/2014	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
Area8-SW-E5-2'	9/3/2014	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
Area8-SW-E6-1.5'	9/3/2014	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
Area8-SW-E7-2'	9/3/2014	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049
Area8-SW-E8-2.5'	9/3/2014	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049
Area8-SW-E9-2'	9/10/2014	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
Area8-SW-E10-1.5'	9/10/2014	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048
Area8-SW-E11-2'	9/16/2014	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049
Area8-SW-E12-2'	9/16/2014	<0.0047	<0.0047	<0.0047	<0.0047	<0.0047	<0.0047	<0.0047	<0.0047	<0.0047	<0.0047	<0.0047	<0.0047	<0.0047	<0.0047	<0.0047	<0.0047	<0.0047	<0.0047	<0.0047	<0.0047	<0.0047
Area8-SW-E13-2'	9/16/2014	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048
Area8-SW-E14-2'	9/16/2014	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049
Area8-SW-E15-2'	9/16/2014	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049
Area8-SW-E16-2'	9/16/2014	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
Area8-SW-E17-3'	9/16/2014	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
Area8-SW-E18-0.5'	9/16/2014	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049
Area8-SW-N1-2'	9/10/2014	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
Area8-SW-S1-1'	9/16/2014	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
Area8-SW-W1-2'	9/3/2014	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049
Area8-SW-W2-2'	9/3/2014	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
Area8-SW-W3-2'	9/3/2014	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049
Area8-SW-W4-3'	9/3/2014	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049
Area8-SW-W5-3'	9/3/2014	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
Area8-SW-W6-3'	9/3/2014	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
Area8-SW-W7-3'	9/3/2014	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048
Area8-SW-W8-3'	9/3/2014	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
Area8-SW-W9-2'	9/10/2014	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
Area8-SW-SW12-3'	9/16/2014	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
Area8-SW-W10-2'	9/10/2014	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049
Area8-SW-W11-2'	9/16/2014	<0.0047	<0.0047	<0.0047	<0.0047	<0.0047	<0.0047	<0.0047	<0.0047	<0.0047	<0.0047	<0.0047	<0.0047	<0.0047	<0.0047	<0.0047	<0.0047	<0.0047	<0.0047	<0.0047	<0.0047	<0.0047
Area8-SW-W13-3'	9/16/2014	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049
Area8-SW-W14-3'	9/16/2014	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048
Area8-SW-W15-3'	9/16/2014	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049
Area8-SW-W16-3'	9/16/2014	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049
Area8-SW-W17-3'	9/16/2014	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049
Area8-SW-W18-1'	9/16/2014	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
SWC-1-0.5'	10/3/2014	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
SWC-2-0.5'	10/3/2014	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
SWC-3-0.5'	10/3/2014	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
SWC-4-0.5'	10/3/2014	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
SBFPD Investigation Levels					**0.1**																**70**	

Table 2
Soil Analytical Results - Volatile Organic Compounds
Former Orcutt Refinery
1550 West Stowell Road
Santa Maria, California

Sample Location	Date	Isopropylbenzene	Methylene Chloride	Naphthalene	n-Butylbenzene	n-Propylbenzene	sec-Butylbenzene	Styrene	tert-Butylbenzene	Tetrachloroethene (PCE)	Toluene	trans-1,2-Dichloroethene	trans-1,3-Dichloropropene	Trichloroethene (TCE)	Trichlorofluoromethane	Vinyl Chloride	Xylenes (total)
Area8-Bot17-5'	9/16/2014	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	**0.02**	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049
Area8-Bot17A-8'	9/24/2014	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048
Area8-Bot18-1'	9/16/2014	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049
Area8-SW-E1-2'	9/3/2014	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
Area8-SW-E2-2'	9/3/2014	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
Area8-SW-E1A-2'	9/10/2014	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049
Area8-SW-E3-1.5'	9/3/2014	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048
Area8-SW-E4-2'	9/3/2014	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
Area8-SW-E5-2'	9/3/2014	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
Area8-SW-E6-1.5'	9/3/2014	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
Area8-SW-E7-2'	9/3/2014	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049
Area8-SW-E8-2.5'	9/3/2014	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049
Area8-SW-E9-2'	9/10/2014	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
Area8-SW-E10-1.5'	9/10/2014	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048
Area8-SW-E11-2'	9/16/2014	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049
Area8-SW-E12-2'	9/16/2014	<0.0047	<0.0047	<0.0047	<0.0047	<0.0047	<0.0047	<0.0047	<0.0047	<0.0047	<0.0047	<0.0047	<0.0047	<0.0047	<0.0047	<0.0047	<0.0047
Area8-SW-E13-2'	9/16/2014	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048
Area8-SW-E14-2'	9/16/2014	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049
Area8-SW-E15-2'	9/16/2014	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049
Area8-SW-E16-2'	9/16/2014	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
Area8-SW-E17-3'	9/16/2014	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
Area8-SW-E18-0.5'	9/16/2014	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049
Area8-SW-N1-2'	9/10/2014	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
Area8-SW-S1-1'	9/16/2014	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
Area8-SW-W1-2'	9/3/2014	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049
Area8-SW-W2-2'	9/3/2014	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
Area8-SW-W3-2'	9/3/2014	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049
Area8-SW-W4-3'	9/3/2014	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049
Area8-SW-W5-3'	9/3/2014	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
Area8-SW-W6-3'	9/3/2014	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
Area8-SW-W7-3'	9/3/2014	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048
Area8-SW-W8-3'	9/3/2014	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
Area8-SW-W9-2'	9/10/2014	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
Area8-SW-SW12-3'	9/16/2014	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
Area8-SW-W10-2'	9/10/2014	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049
Area8-SW-W11-2'	9/16/2014	<0.0047	<0.0047	<0.0047	<0.0047	<0.0047	<0.0047	<0.0047	<0.0047	<0.0047	<0.0047	<0.0047	<0.0047	<0.0047	<0.0047	<0.0047	<0.0047
Area8-SW-W13-3'	9/16/2014	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049
Area8-SW-W14-3'	9/16/2014	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048
Area8-SW-W15-3'	9/16/2014	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049
Area8-SW-W16-3'	9/16/2014	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049
Area8-SW-W17-3'	9/16/2014	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049
Area8-SW-W18-1'	9/16/2014	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
SWC-1-0.5'	10/3/2014	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
SWC-2-0.5'	10/3/2014	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
SWC-3-0.5'	10/3/2014	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
SWC-4-0.5'	10/3/2014	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
SBFPD Investigation Levels		**77**		**1.7**	**26**	**26**	**26**		**26**		**15**						**175**

Notes:
All results in milligrams per kilogram (mg/kg)

<10: Concentration less than the associated laboratory Reporting Limit (RL).
J: Estimated concentration detected between the Method Detection Limit and the Reporting Limit.
B: The method blank contains analyte at concentration greater than the RL.
Bold: Concentration > SBFPPD Investigation Level
EPA Method 8260

Table 3
Soil Analytical Results - Polycyclic Aromatic Hydrocarbons
Former Orcutt Refinery
1550 West Stowell Road
Santa Maria, California

Sample Location	Date	Acenaphthene	Acenaphthylene	Anthracene	Benz(a)anthracene	Benzo (a) pyrene	Benzo (b) fluoranthene	Benzo (g,h,i) perylene	Benzo (k) fluoranthene	Chrysene	Dibenz (a,h) anthracene	Fluoranthene	Fluorene	Indeno (1,2,3-cd) pyrene	Naphthalene	Phenanthrene	Pyrene
Area1-Bot1-5'	6/13/2014	<0.075	<0.075	<0.075	<0.075	<0.075	**0.085**	<0.15	<0.075	<0.075	<0.15	<0.075	<0.075	<0.075	<0.15	<0.075	<0.075
Area1-Bot2-5'	6/13/2014	**1.4**	**0.73**	**0.60**	<0.50	<0.12	<0.12	<0.25	<0.12	**0.77**	<0.25	<0.50	**4.9**	<0.12	**2.6**	**14**	**0.63**
Area1-Bot3-5'	6/13/2014	**0.07**	<0.050	<0.050	**0.087**	**0.053**	<0.050	<0.10	<0.050	**0.06**	<0.10	<0.050	**0.14**	<0.050	**0.13**	**0.20**	<0.050
Area1-Bot4-5'	6/13/2014	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.10	<0.050	<0.050	<0.10	<0.050	<0.050	<0.050	<0.10	<0.050	<0.050
Area1-Bot5-5'	6/13/2014	<0.075	<0.075	<0.075	<0.075	<0.075	<0.075	<0.15	<0.075	<0.075	<0.15	<0.075	<0.075	<0.075	<0.15	<0.075	<0.075
Area1-Bot6-6.5'	6/13/2014	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050
Area1-Bot7-5'	6/18/2014	**1.0**	<0.75	<0.75	<0.75	<0.75	<0.75	<1.5	**1.0**	**1.0**	<1.5	<0.75	**4.4**	<0.75	**8.9**	**26**	**0.75**
Area1-Bot8-5'	6/18/2014	<0.050	<0.050	<0.050	<0.050	<0.050	**0.05**	<0.10	**0.053**	<0.050	<0.10	<0.050	<0.050	<0.050	<0.10	**0.063**	<0.050
Area1-Bot9-5'	6/18/2014	<0.15	<0.15	<0.15	<0.15	<0.15	<0.15	<0.29	<0.15	<0.15	<0.29	<0.15	<0.15	<0.15	**0.40**	<0.15	<0.15
Area1-Bot10-5'	6/18/2014	<0.15	<0.15	<0.15	<0.15	<0.15	<0.15	<0.30	<0.15	<0.15	<0.30	<0.15	<0.15	<0.15	<0.30	**0.55**	<0.15
Area1-Bot11-5'	6/25/2014	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050
Area1-Bot13-5'	6/25/2014	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050
Area1-Bot14-5'	6/25/2014	<0.30	<0.30	<0.30	<0.30	<0.30	<0.30	<0.60	<0.30	<0.30	<0.60	<0.30	<0.30	<0.30	**4.2**	<0.30	<0.30
Area1-Bot15-6'	6/25/2014	<0.44	<0.44	<0.44	<0.44	<0.44	<0.44	<0.89	<0.44	<0.44	<0.89	<0.44	<0.44	<0.44	<0.89	<0.44	<0.44
Area1-Bot16-6'	6/25/2014	<0.30	<0.30	**0.52**	<0.30	<0.30	<0.30	<0.60	<0.30	**0.32**	<0.60	<0.30	<0.30	<0.30	<0.60	**5.9**	<0.30
Area1-Bot17-6'	6/25/2014	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.10	<0.050	<0.050	<0.10	<0.050	<0.050	<0.050	<0.10	<0.050	<0.050
Area1-Bot18-6'	6/25/2014	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050
Area1-Bot19-8'	7/2/2014	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.050	<0.025	<0.025	<0.050	<0.025	<0.025	<0.025	<0.050	<0.025	<0.025
Area1-Bot20-8'	7/2/2014	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.050	<0.025	<0.025	<0.050	<0.025	<0.025	<0.025	<0.050	<0.025	<0.025
Area1-Bot21-8'	7/2/2014	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.050	<0.025	<0.025	<0.050	<0.025	<0.025	<0.025	**0.18**	<0.025	<0.025
Area1-Bot22-7.5'	7/2/2014	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.050	<0.025	<0.025	<0.050	<0.025	<0.025	<0.025	**0.32**	<0.025	<0.025
Area1-Bot23-7'	7/2/2014	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.10	<0.050	<0.050	<0.10	<0.050	<0.050	<0.050	<0.10	<0.050	<0.050
Area1-Bot24-6.5'	7/9/2014	<0.15	<0.15	<0.15	<0.15	<0.15	<0.15	<0.29	<0.15	<0.15	<0.29	<0.15	<0.15	<0.15	<0.29	<0.15	<0.15
Area1-Bot25-6.5'	7/9/2014	**0.10**	<0.075	<0.075	<0.075	<0.075	**0.075**	<0.15	<0.075	<0.075	<0.15	<0.075	<0.075	<0.075	<0.15	**0.39**	<0.075
Area1-Bot26-13'	7/16/2014	**0.89**	**0.47**	<0.44	<0.44	<0.44	<0.44	<0.89	<0.44	**1.3**	<0.89	<0.44	**2.3**	<0.44	**5.4**	**7.6**	**0.83**
Area1-Bot27-13'	7/16/2014	**1.4**	**0.86**	<0.45	<0.45	<0.45	<0.45	<0.89	<0.45	**0.95**	<0.89	<0.45	**3.4**	<0.45	**6.1**	**8.1**	**0.69**
Area1-Bot28-11'	7/23/2014	<0.74	**1.8**	**0.78**	<0.74	<0.74	<0.74	<1.5	<0.74	**2.1**	<1.5	<0.74	**5.2**	<0.74	**16**	**15**	**1.7**
Area1-Bot29-10'	7/23/2014	**1.1**	**1.1**	<0.72	<0.72	<0.72	<0.72	<1.4	<0.72	**1.4**	<1.4	<0.72	**3.2**	<0.72	**7.1**	**11**	**1.2**
Area1-Bot30-11'	7/23/2014	<0.49	**0.89**	**0.52**	<0.49	<0.49	<0.49	<0.98	<0.49	**0.85**	<0.98	<0.49	**4.2**	<0.49	**5.6**	**10**	**0.95**
Area1-Bot31-11'	7/23/2014	<0.48	**0.63**	<0.48	<0.48	<0.48	<0.48	<0.95	<0.48	<0.48	<0.95	<0.48	**2.0**	<0.48	**6.5**	**2.4**	**0.51**
Area1-Bot32-7'	7/30/2014	<0.30	<0.30	<0.30	<0.30	<0.30	<0.30	<0.60	<0.30	<0.30	<0.60	<0.30	<0.30	<0.30	**0.78**	<0.30	<0.30
Area1-Bot33-14'	7/30/2014	**0.57**	<0.45	<0.45	<0.45	<0.45	<0.45	<0.90	<0.45	**1.6**	<0.90	<0.45	**1.8**	<0.45	**1.7**	**8.3**	<0.45
Area1-Bot34-14'	7/30/2014	<0.74	<0.74	<0.74	<0.74	<0.74	<0.74	<1.5	<0.74	**1.9**	<1.5	<0.74	**1.0**	<0.74	<1.5	**7.1**	<0.74
Area1-Bot35-13'	7/30/2014	<0.45	<0.45	<0.45	<0.45	<0.45	<0.45	<0.89	<0.45	<0.45	<0.89	<0.45	<0.45	<0.45	<0.89	**0.92**	<0.45
Area1-Bot36-11'	7/30/2014	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<1.0	<0.50	<0.50	<1.0	<0.50	<0.50	<0.50	**1.3**	**1.8**	<0.50
Area1-Bot37-11'	7/30/2014	<0.15	<0.15	<0.15	<0.15	<0.15	<0.15	<0.30	<0.15	**0.15**	<0.30	<0.15	<0.15	<0.15	<0.30	<0.15	<0.15
Area1-Bot38-12'	7/30/2014	**0.44**	<0.44	<0.44	<0.44	<0.44	<0.44	<0.89	<0.44	**1.0**	<0.89	<0.44	**1.2**	<0.44	**1.1**	**4.9**	<0.44
Area1-Bot39-13'	7/30/2014	<0.75	<0.75	<0.75	<0.75	<0.75	<0.75	<1.5	<0.75	**1.8**	<1.5	<0.75	**2.6**	<0.75	**1.8**	**11**	<0.75
Area1-Bot40-14'	7/30/2014	<0.74	<0.74	<0.74	<0.74	<0.74	<0.74	<1.5	<0.74	**1.8**	<1.5	<0.74	**0.84**	<0.74	<1.5	**6.8**	<0.74
Area1-Bot41-8'	7/30/2014	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050
Area1-Bot42-7'	7/30/2014	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050
Area1-Bot43-6'	7/30/2014	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050
Area1-Bot44-6'	7/30/2014	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050
Area1-Bot45-7'	7/30/2014	**0.90**	<0.50	<0.50	<0.50	<0.50	<0.50	<1.0	<0.50	**0.83**	<1.0	<0.50	**1.8**	<0.50	**1.4**	**6.8**	<0.50
Area1-Bot46-7'	8/6/2014	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050
Area1-Bot47-7.5'	8/6/2014	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.099	<0.050	<0.050	<0.099	<0.050	<0.050	<0.050	<0.099	<0.050	<0.050
Area1-Bot48-8'	8/6/2014	**0.74**	**0.51**	**1.7**	<0.45	<0.45	**0.71**	<0.89	<0.45	<0.45	<0.89	**0.68**	**3.5**	<0.45	**2.0**	**12**	**0.54**
Area1-Bot49-7'	8/6/2014	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050
Area1-Bot50-7.5'	8/6/2014	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050
Area1-Bot51-6'	8/6/2014	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050
Area1-Bot52-8'	8/6/2014	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050
Area1-Bot53-4'	8/6/2014	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050
Area1-Bot54-4'	8/6/2014	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050

Table 3
Soil Analytical Results - Polycyclic Aromatic Hydrocarbons
Former Orcutt Refinery
1550 West Stowell Road
Santa Maria, California

Sample Location	Date	Acenaphthene	Acenaphthylene	Anthracene	Benz(a)anthracene	Benzo (a) pyrene	Benzo (b) fluoranthene	Benzo (g,h,i) perylene	Benzo (k) fluoranthene	Chrysene	Dibenz (a,h) anthracene	Fluoranthene	Fluorene	Indeno (1,2,3-cd) pyrene	Naphthalene	Phenanthrene	Pyrene
Area1-Bot55-3'	8/6/2014	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050
Area1-Bot56-4'	8/6/2014	<0.075	<0.075	<0.075	<0.075	<0.075	<0.075	<0.15	<0.075	<0.075	<0.15	<0.075	<0.075	<0.075	<0.15	<0.075	<0.075
Area1-Bot56a-7'	8/18/2014	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050
Area1-Bot57-2.5'	8/7/2014	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050
Area1-Bot58-1.5'	8/7/2014	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050
Area1-Bot59-1.5'	8/7/2014	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050
Area1-Bot60-7'	8/7/2014	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.20	<0.10	<0.10	<0.20	<0.10	<0.10	<0.10	<0.20	<0.10	**0.15**
Area1-Bot61-1.5'	8/7/2014	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050
Area1-Bot62-7'	8/7/2014	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.10	<0.050	<0.050	<0.10	<0.050	<0.050	<0.050	<0.10	<0.050	<0.050
Area1-Bot63-4'	8/7/2014	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.10	<0.050	<0.050	<0.10	<0.050	<0.050	<0.050	<0.10	<0.050	<0.050
Area1-Bot63a-6'	8/18/2014	<0.075	<0.075	<0.075	<0.075	<0.075	<0.075	<0.15	<0.075	<0.075	<0.15	**0.09**	<0.075	<0.075	<0.15	<0.075	<0.075
Area1-Bot64-4'	8/7/2014	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050
Area1-Bot65-6'	8/18/2014	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050
Area1-Bot66-2'	8/18/2014	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050
Area1-Bot67-1'	8/18/2014	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050
Area1-Bot68-1'	8/18/2014	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050
Area1-Bot69-5.5'	8/18/2014	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050
Area1-Bot70-7'	8/18/2014	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050
Area1-Bot71-7'	8/18/2014	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.10	<0.050	<0.050	<0.10	<0.050	<0.050	<0.050	<0.10	<0.050	<0.050
Area1-Bot72-7'	8/18/2014	<0.30	<0.30	<0.30	<0.30	<0.30	<0.30	<0.60	<0.30	<0.30	<0.60	<0.30	<0.30	<0.30	**1.5**	<0.30	<0.30
Area1-Bot73-7'	8/18/2014	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.10	<0.050	<0.050	<0.10	<0.050	<0.050	<0.050	<0.10	<0.050	<0.050
Area1-Bot74-8'	8/18/2014	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050
Area1-Bot75-7'	8/18/2014	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050
Area1-Bot76-2'	8/18/2014	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050
Area1-Bot77-2.5'	8/18/2014	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050
Area1-Bot78-2'	8/18/2014	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050
Area1-Bot79-2'	8/18/2014	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050
Area1-Bot80-7'	8/18/2014	**1.8**	<0.60	**1.7**	<0.60	<0.60	<0.60	<1.2	<0.60	<0.60	<1.2	<0.60	**7.8**	<0.60	<1.2	**9.1**	**1.2**
Area1-SW-W1-2.5'	7/25/2014	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050
Area1-SW-W2-2.5'	7/25/2014	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050
Area1-SW-W3-2'	7/25/2014	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050
Area1-SW-W4-2'	7/25/2014	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.020	<0.010	<0.010	<0.020	<0.010	<0.010	<0.010	<0.020	<0.010	<0.010
Area1-SW-W5-2.5'	8/18/2014	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050
Area1-SW-W6-2.5'	8/18/2014	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050
Area1-SW-W7-1'	8/18/2014	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050
Area1-SW-W8-3'	8/18/2014	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050
Area1-SW-W9-2'	8/18/2014	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0050	**0.020**	**0.0050**	<0.0050
Area1-SW-W10-2'	8/18/2014	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050
Area1-SW-W11-1'	8/18/2014	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050
Area1-SW-W12-2'	8/18/2014	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.050	<0.025	<0.025	<0.050	<0.025	<0.025	<0.025	<0.050	<0.025	<0.025
Area1-SW-W13-1.5'	8/22/2014	<0.44	<0.44	<0.44	<0.44	<0.44	<0.44	<0.89	<0.44	<0.44	<0.89	<0.44	<0.44	<0.44	<0.89	**0.94**	<0.44
Area1-SW-W13A-1.5	9/24/2014	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050
Area1-SW-S1-2'	7/25/2014	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0099	<0.0050	<0.0050	<0.0099	<0.0050	<0.0050	<0.0050	<0.0099	<0.0050	<0.0050
Area1-SW-S2-2.5'	7/25/2014	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050
Area1-SW-S3-2.5'	7/25/2014	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.020	<0.010	**0.012**	<0.020	<0.010	<0.010	<0.010	<0.020	<0.010	<0.010
Area1-SW-S4-2.5'	7/25/2014	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.10	<0.050	<0.050	<0.10	<0.050	<0.050	<0.050	<0.10	<0.050	<0.050
Area1-SW-S5-3'	7/25/2014	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.10	<0.050	<0.050	<0.10	<0.050	<0.050	<0.050	<0.10	<0.050	<0.050
Area1-SW-S5A-2.5'	7/29/2014	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.040	<0.020	<0.020	<0.040	<0.020	<0.020	<0.020	<0.040	<0.020	<0.020
Area1-SW-E1-3'	7/25/2014	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050
Area1-SW-E2-2.5'	7/25/2014	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050
Area1-SW-E3-3'	7/30/2014	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.10	<0.050	<0.050	<0.10	<0.050	<0.050	<0.050	<0.10	<0.050	<0.050
Area1-SW-E3A-2'	8/12/2014	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050
Area1-SW-E4-2'	7/30/2014	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0099	<0.0050	<0.0050	<0.0099	<0.0050	<0.0050	<0.0050	<0.0099	<0.0050	<0.0050

Table 3
Soil Analytical Results - Polycyclic Aromatic Hydrocarbons
Former Orcutt Refinery
1550 West Stowell Road
Santa Maria, California

Sample Location	Date	Acenaphthene	Acenaphthylene	Anthracene	Benz(a)anthracene	Benzo (a) pyrene	Benzo (b) fluoranthene	Benzo (g,h,i) perylene	Benzo (k) fluoranthene	Chrysene	Dibenz (a,h) anthracene	Fluoranthene	Fluorene	Indeno (1,2,3-cd) pyrene	Naphthalene	Phenanthrene	Pyrene
Area1-SW-E5-2'	8/7/2014	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050
Area1-SW-E6-2.5'	8/7/2014	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050
Area1-SW-E7-2'	8/7/2014	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050
Area1-SW-E8-2'	8/7/2014	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.10	<0.050	<0.050	<0.10	<0.050	<0.050	<0.050	<0.10	<0.050	<0.050
Area1-SW-E8a-3'	8/18/2014	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.10	<0.050	<0.050	<0.10	<0.050	<0.050	<0.050	<0.10	<0.050	<0.050
Area1-SW-E8b-1.5'	8/18/2014	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0099	<0.0050	<0.0050	<0.0099	<0.0050	<0.0050	<0.0050	<0.0099	<0.0050	<0.0050
Area1-SW-E9-2'	8/7/2014	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050
Area1-SW-E10-1.5'	8/7/2014	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050
Area1-SW-E11-1.5'	8/7/2014	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0099	<0.0050	<0.0050	<0.0099	<0.0050	<0.0050	<0.0050	<0.0099	<0.0050	<0.0050
Area1-SW-N10-3'	9/24/2014	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050
Area1-SW-N1-3'	9/22/2014	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050
Area1-SW-N2-3'	9/22/2014	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050
Area1-SW-N3-3'	9/23/2014	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050
Area1-SW-N4-3'	9/23/2014	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	**0.033**	<0.010	<0.010	<0.020	<0.010	<0.010	<0.010	<0.020	<0.010	<0.010
Area1-SW-N5-3'	9/23/2014	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050
Area1-SW-N6-3'	9/23/2014	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050
Area1-SW-N7-3'	9/23/2014	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050
Area1-SW-N8-3'	9/24/2014	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050
Area1-SW-N9-3'	9/24/2014	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050
Area1-PH1-5.5'	6/26/2014	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050
Area1-PH2-6'	6/26/2014	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0099	<0.0050	<0.0050	<0.0099	<0.0050	<0.0050	<0.0050	<0.0099	<0.0050	<0.0050
Area1-PH3-7'	6/26/2014	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0099	<0.0050	<0.0050	<0.0099	<0.0050	<0.0050	<0.0050	<0.0099	<0.0050	<0.0050
Area1-PH4-7'	6/26/2014	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050
Area1/6-Bot1-7'	8/22/2014	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050
Area1/6-Bot2-7'	8/22/2014	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050
Area2-Bot1-5.5'	5/29/2014	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050
Area2-Bot2-5.5'	5/29/2014	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0099	<0.0050	<0.0050	<0.0099	<0.0050	<0.0050	<0.0050	<0.0099	<0.0050	<0.0050
Area2-Bot3-5.5'	5/29/2014	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050
Area2-Bot4-5.5'	5/29/2014	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050
Area2-SW-E1-2'	5/29/2014	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.10	<0.050	<0.050	<0.10	<0.050	<0.050	<0.050	<0.10	<0.050	<0.050
Area2-SW-N1-2'	5/29/2014	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	**0.011**	<0.0050	**0.0066**	<0.010	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050
Area2-SW-N2-2'	5/29/2014	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050
Area2-SW-S1-2'	5/29/2014	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050
Area2-SW-S2-2'	5/29/2014	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0099	<0.0050	<0.0050	<0.0099	<0.0050	<0.0050	<0.0050	<0.0099	<0.0050	<0.0050
Area2-SW-W1-2'	5/29/2014	<0.075	<0.075	<0.075	<0.075	<0.075	<0.075	<0.15	<0.075	<0.075	<0.15	<0.075	<0.075	<0.075	<0.15	<0.075	<0.075
Area2-SW-W2-2'	5/29/2014	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0099	<0.0050	<0.0050	<0.0099	<0.0050	<0.0050	<0.0050	<0.0099	<0.0050	<0.0050
Area3-Bot1-7.5'	6/10/2014	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050
Area3-Bot2-7.5'	6/10/2014	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.10	<0.050	<0.050	<0.10	<0.050	<0.050	<0.050	<0.10	<0.050	<0.050
Area3-Bot3-7.5'	6/10/2014	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.10	<0.050	<0.050	<0.10	<0.050	<0.050	<0.050	<0.10	<0.050	<0.050
Area3-Bot4-3'	8/12/2014	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050
Area3-Bot5-4'	8/12/2014	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050
Area3-SW-E2-3'	6/19/2014	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.10	<0.050	<0.050	<0.10	<0.050	<0.050	<0.050	<0.10	<0.050	<0.050
Area3-SW-N1-3'	6/10/2014	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.10	<0.050	<0.050	<0.10	<0.050	<0.050	<0.050	<0.10	<0.050	<0.050
Area3-SW-N2-3'	6/10/2014	<0.0050	<0.0050	<0.0050	**0.0097**	**0.015**	**0.037**	**0.013**	**0.016**	**0.017**	<0.010	**0.013**	<0.0050	**0.010**	<0.010	<0.0050	**0.011**
Area3-SW-N3-2'	8/22/2014	<0.075	<0.075	<0.075	<0.075	<0.075	<0.075	<0.15	<0.075	<0.075	<0.15	<0.075	<0.075	<0.075	<0.15	<0.075	<0.075
Area3-SW-N4-2'	8/22/2014	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050
Area3-SW-N5-2'	8/22/2014	<0.075	<0.075	<0.075	<0.075	<0.075	<0.075	<0.15	<0.075	<0.075	<0.15	<0.075	<0.075	<0.075	<0.15	<0.075	<0.075
Area3-SW-S1-3.5'	6/10/2014	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0099	<0.0050	<0.0050	<0.0099	<0.0050	<0.0050	<0.0050	<0.0099	<0.0050	<0.0050
Area3-SW-W1-3'	6/10/2014	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.10	<0.050	<0.050	<0.10	<0.050	<0.050	<0.050	<0.10	<0.050	<0.050
Area3-SW-W2-3'	6/19/2014	<0.44	<0.44	<0.44	<0.44	<0.44	<0.44	<0.88	<0.44	<0.44	<0.88	<0.44	<0.44	<0.44	<0.88	**1.1**	<0.44
Area3-SW-W3-1'	8/12/2014	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050
Area3-SW-W4-1'	8/12/2014	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050
Area3-SW-W5-1.5'	8/12/2014	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.050	<0.025	<0.025	<0.050	<0.025	<0.025	<0.025	<0.050	<0.025	<0.025

Table 3
Soil Analytical Results - Polycyclic Aromatic Hydrocarbons
Former Orcutt Refinery
1550 West Stowell Road
Santa Maria, California

Sample Location	Date	Acenaphthene	Acenaphthylene	Anthracene	Benz(a)anthracene	Benzo (a) pyrene	Benzo (b) fluoranthene	Benzo (g,h,i) perylene	Benzo (k) fluoranthene	Chrysene	Dibenz (a,h) anthracene	Fluoranthene	Fluorene	Indeno (1,2,3-cd) pyrene	Naphthalene	Phenanthrene	Pyrene
Area3-SW-W6-3'	8/12/2014	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050
Area3-SW-W7-2'	8/18/2014	<0.075	<0.075	<0.075	<0.075	<0.075	<0.075	<0.15	<0.075	<0.075	<0.15	<0.075	<0.075	<0.075	<0.15	<0.075	<0.075
Area4-Bot1-7.5'	6/6/2014	<0.47	<0.47	<0.47	<0.47	<0.47	<0.47	<0.94	<0.47	<0.47	<0.94	<0.47	<0.47	<0.47	<0.94	<0.47	<0.47
Area4-Bot2-7.5'	6/6/2014	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050
Area4-Bot3-8'	6/6/2014	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050
Area4-Bot4-6.5'	6/6/2014	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0099	<0.0050	<0.0050	<0.0099	<0.0050	<0.0050	<0.0050	<0.0099	<0.0050	<0.0050
Area4-Bot5-6.5'	6/6/2014	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0099	<0.0050	<0.0050	<0.0099	<0.0050	<0.0050	<0.0050	<0.0099	<0.0050	<0.0050
Area4-Bot6-7'	6/6/2014	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050
Area4-Bot7-7.5'	6/10/2014	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050
Area4-SW-E1-3'	6/6/2014	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	**0.0056**
Area4-SW-N1-2'	6/6/2014	<0.47	<0.47	<0.47	<0.47	<0.47	<0.47	<0.95	<0.47	**1.0**	<0.95	<0.47	<0.47	<0.47	<0.95	**0.57**	**0.73**
Area4-SW-N1a-3'	8/18/2014	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0099	<0.0050	<0.0050	<0.0099	<0.0050	<0.0050	<0.0050	<0.0099	<0.0050	<0.0050
Area4-SW-N2-3'	6/6/2014	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050
Area4-SW-N3-3'	6/6/2014	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050
Area4-SW-N4-3'	6/6/2014	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050
Area4-SW-N5-3'	6/6/2014	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050
Area4-SW-N6-3'	6/6/2014	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050
Area4-SW-S1-3'	6/6/2014	<0.30	<0.30	<0.30	<0.30	<0.30	<0.30	<0.59	<0.30	<0.30	<0.59	<0.30	<0.30	<0.30	<0.59	<0.30	<0.30
Area4-SW-S2-3'	6/6/2014	**0.71**	**0.63**	**0.41**	<0.30	<0.30	<0.30	<0.59	<0.30	**0.93**	<0.59	**0.34**	**3.5**	<0.30	**3.9**	**7.1**	**0.63**
Area4-SW-S3-3'	6/6/2014	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050
Area4-SW-S4-3'	6/6/2014	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050
Area4-SW-S5-3'	6/6/2014	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050
Area4-SW-S6-1.5'	7/2/2014	<0.48	<0.48	<0.48	<0.48	<0.48	<0.48	<0.96	<0.48	<0.48	<0.96	<0.48	<0.48	<0.48	<0.96	<0.48	<0.48
Area4-SW-S7-1.5'	7/2/2014	**0.66**	<0.47	<0.47	<0.47	<0.47	<0.47	<0.95	<0.47	**0.79**	<0.95	**0.47**	**2.3**	<0.47	**4.4**	**9.2**	**0.79**
Area4-SW-S8-1.5'	7/2/2014	<0.30	<0.30	<0.30	<0.30	<0.30	<0.30	<0.60	<0.30	<0.30	<0.60	<0.30	<0.30	<0.30	<0.60	<0.30	<0.30
Area4-SW-S9-1'	7/2/2014	<0.30	<0.30	<0.30	<0.30	<0.30	<0.30	<0.59	<0.30	<0.30	<0.59	<0.30	<0.30	<0.30	<0.59	<0.30	<0.30
Area4-SW-W1-2'	6/6/2014	**0.013**	<0.0050	**0.0073**	**0.0083**	**0.0050**	**0.0077**	<0.010	**0.0050**	**0.022**	<0.010	**0.030**	**0.010**	<0.0050	<0.010	**0.083**	**0.034**
Area5-Bot1-1.5'	7/9/2014	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050
Area6-Bot1-5'	7/11/2014	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050
Area6-Bot2-6'	7/11/2014	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0099	<0.0050	<0.0050	<0.0099	<0.0050	<0.0050	<0.0050	<0.0099	<0.0050	<0.0050
Area6-Bot3-7'	7/11/2014	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0099	<0.0050	<0.0050	<0.0099	<0.0050	<0.0050	<0.0050	<0.0099	<0.0050	<0.0050
Area6-SW-E1-3'	7/11/2014	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.10	<0.050	<0.050	<0.10	<0.050	<0.050	<0.050	<0.10	<0.050	<0.050
Area6-SW-E2-2.5'	7/11/2014	<0.075	<0.075	<0.075	<0.075	<0.075	<0.075	<0.15	<0.075	<0.075	<0.15	<0.075	<0.075	<0.075	<0.15	<0.075	<0.075
Area6-SW-E3-2'	7/15/2014	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.10	<0.050	<0.050	<0.10	<0.050	<0.050	<0.050	<0.10	<0.050	<0.050
Area6-SW-N1-3'	7/11/2014	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.10	<0.050	<0.050	<0.10	<0.050	<0.050	<0.050	<0.10	<0.050	<0.050
Area6-SW-N2-3'	7/11/2014	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050
Area6-SW-S1-2'	7/11/2014	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.10	<0.050	<0.050	<0.10	<0.050	<0.050	<0.050	<0.10	<0.050	<0.050
Area6-SW-S2-2'	7/11/2014	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.099	<0.050	<0.050	<0.099	<0.050	<0.050	<0.050	<0.099	<0.050	<0.050
Area6-SW-W1-3'	7/11/2014	<0.075	<0.075	<0.075	<0.075	<0.075	<0.075	<0.15	<0.075	<0.075	<0.15	<0.075	<0.075	<0.075	<0.15	<0.075	<0.075
Area7-Bot1-3'	7/15/2014	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0099	<0.0050	<0.0050	<0.0099	<0.0050	<0.0050	<0.0050	<0.0099	<0.0050	<0.0050
Area7-Bot2-4'	7/15/2014	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050
Area7-Bot3-7'	7/15/2014	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050
Area7-Bot4-6'	7/15/2014	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050
Area7-Bot5-3'	7/15/2014	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050
Area7-Bot5A-4'	7/22/2014	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0099	<0.0050	<0.0050	<0.0099	<0.0050	<0.0050	<0.0050	<0.0099	<0.0050	<0.0050
Area7-Bot6-3'	7/22/2014	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0099	<0.0050	<0.0050	<0.0099	<0.0050	<0.0050	<0.0050	<0.0099	<0.0050	<0.0050
Area7-SW-E1-1'	7/22/2014	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0099	<0.0050	<0.0050	<0.0099	<0.0050	<0.0050	<0.0050	<0.0099	<0.0050	<0.0050
Area7-SW-N1-1'	7/22/2014	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.050	<0.025	<0.025	<0.050	<0.025	<0.025	<0.025	<0.050	<0.025	<0.025
Area7-SW-N2-1'	7/22/2014	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050
Area7-SW-N3-1.5'	7/22/2014	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050
Area7-SW-N4-2'	7/22/2014	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0099	<0.0050	<0.0050	<0.0099	<0.0050	<0.0050	<0.0050	<0.0099	<0.0050	<0.0050
Area7-SW-N5-2'	7/22/2014	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050
Area7-SW-N6-1'	7/22/2014	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050

Table 3
Soil Analytical Results - Polycyclic Aromatic Hydrocarbons
Former Orcutt Refinery
1550 West Stowell Road
Santa Maria, California

Sample Location	Date	Acenaphthene	Acenaphthylene	Anthracene	Benz(a)anthracene	Benzo (a) pyrene	Benzo (b) fluoranthene	Benzo (g,h,i) perylene	Benzo (k) fluoranthene	Chrysene	Dibenz (a,h) anthracene	Fluoranthene	Fluorene	Indeno (1,2,3-cd) pyrene	Naphthalene	Phenanthrene	Pyrene
Area7-SW-S1-1.5'	7/22/2014	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.050	<0.025	<0.025	<0.050	<0.025	<0.025	<0.025	<0.050	<0.025	<0.025
Area7-SW-S2-1'	7/22/2014	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050
Area7-SW-S3-1.5'	7/22/2014	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050
Area7-SW-S4-2.5'	7/22/2014	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050
Area7-SW-S5-1'	7/22/2014	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0099	<0.0050	<0.0050	<0.0099	<0.0050	<0.0050	<0.0050	<0.0099	<0.0050	<0.0050
Area7-SW-S6-1'	7/22/2014	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050
Area7-SW-W1-1.5'	7/22/2014	<0.0099	<0.0099	<0.0099	<0.0099	<0.0099	<0.0099	<0.020	<0.0099	<0.0099	<0.020	<0.0099	<0.0099	<0.0099	<0.020	<0.0099	<0.0099
Area8-Bot1-5'	9/3/2014	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050
Area8-Bot2-5'	9/3/2014	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050
Area8-Bot3-5'	9/3/2014	<0.075	<0.075	<0.075	<0.075	<0.075	<0.075	<0.15	<0.075	<0.075	<0.15	<0.075	<0.075	<0.075	<0.15	<0.075	<0.075
Area8-Bot3A-6'	9/10/2014	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050
Area8-Bot4-7'	9/10/2014	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0050	<0.010	**0.015**	<0.0050
Area8-Bot5-7'	9/10/2014	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050
Area8-Bot6-7'	9/10/2014	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050
Area8-Bot7-7'	9/10/2014	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.050	<0.025	<0.025	<0.050	<0.025	<0.025	<0.025	<0.050	<0.025	<0.025
Area8-Bot8-7'	9/10/2014	**0.78**	<0.075	**0.26**	**0.18**	<0.075	<0.075	<0.15	<0.075	**0.14**	<0.15	<0.075	**0.24**	<0.075	**4.3**	**4.7**	<0.075
Area8-Bot9-5'	9/10/2014	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.050	<0.025	<0.025	<0.050	<0.025	<0.025	<0.025	<0.050	<0.025	<0.025
Area8-Bot10-6'	9/10/2014	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0099	<0.0050	<0.0050	<0.0099	<0.0050	<0.0050	<0.0050	<0.0099	<0.0050	<0.0050
Area8-Bot11-8'	9/16/2014	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050
Area8-Bot12-7'	9/16/2014	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050
Area8-Bot13-6'	9/16/2014	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050
Area8-Bot14-6'	9/16/2014	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0099	<0.0050	<0.0050	<0.0099	<0.0050	<0.0050	<0.0050	<0.0099	<0.0050	<0.0050
Area8-Bot15-7'	9/16/2014	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0050	<0.010	**0.0096**	<0.0050
Area8-Bot16-8'	9/16/2014	<1.2	<1.2	<1.2	**1.3**	<1.2	<1.2	<2.4	<1.2	<1.2	<2.4	<1.2	<1.2	<1.2	**4.0**	**18**	**1.7**
Area8-Bot17-5'	9/16/2014	<0.45	<0.45	<0.45	<0.45	<0.45	<0.45	<0.90	<0.45	<0.45	<0.90	<0.45	<0.45	<0.45	<0.90	**1.5**	**1.5**
Area8-Bot17A-8'	9/24/2014	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	**0.026**	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050
Area8-Bot18-1'	9/16/2014	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050
Area8-SW-E1-2'	9/3/2014	<0.075	<0.075	<0.075	<0.075	<0.075	<0.075	<0.15	<0.075	<0.075	<0.15	<0.075	<0.075	<0.075	<0.15	<0.075	<0.075
Area8-SW-E1A-2'	9/10/2014	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050
Area8-SW-E2-2'	9/3/2014	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050
Area8-SW-E3-1.5'	9/3/2014	<0.075	<0.075	<0.075	<0.075	<0.075	<0.075	<0.15	<0.075	<0.075	<0.15	<0.075	<0.075	<0.075	<0.15	<0.075	<0.075
Area8-SW-E4-2'	9/3/2014	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050
Area8-SW-E5-2'	9/3/2014	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050
Area8-SW-E6-1.5'	9/3/2014	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0099	<0.0050	<0.0050	<0.0099	<0.0050	<0.0050	<0.0050	<0.0099	<0.0050	<0.0050
Area8-SW-E7-2'	9/3/2014	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050
Area8-SW-E8-2.5'	9/3/2014	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0099	<0.0050	<0.0050	<0.0099	<0.0050	<0.0050	<0.0050	<0.0099	<0.0050	<0.0050
Area8-SW-E9-2'	9/10/2014	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050
Area8-SW-E10-1.5'	9/10/2014	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050
Area8-SW-E11-2'	9/16/2014	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0099	<0.0050	<0.0050	<0.0099	<0.0050	<0.0050	<0.0050	<0.0099	<0.0050	<0.0050
Area8-SW-E12-2'	9/16/2014	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050
Area8-SW-E13-2'	9/16/2014	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050
Area8-SW-E14-2'	9/16/2014	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050
Area8-SW-E15-2'	9/16/2014	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050
Area8-SW-E16-2'	9/16/2014	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050
Area8-SW-E17-3'	9/16/2014	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050
Area8-SW-E18-0.5'	9/16/2014	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050
Area8-SW-N1-2'	9/10/2014	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050
Area8-SW-S1-1'	9/16/2014	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050
Area8-SW-SW12-3'	9/16/2014	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050
Area8-SW-W1-2'	9/3/2014	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050
Area8-SW-W2-2'	9/3/2014	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050
Area8-SW-W3-2'	9/3/2014	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050
Area8-SW-W4-3'	9/3/2014	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050

Table 3
Soil Analytical Results - Polycyclic Aromatic Hydrocarbons
Former Orcutt Refinery
1550 West Stowell Road
Santa Maria, California

Sample Location	Date	Acenaphthene	Acenaphthylene	Anthracene	Benz(a)anthracene	Benzo (a) pyrene	Benzo (b) fluoranthene	Benzo (g,h,i) perylene	Benzo (k) fluoranthene	Chrysene	Dibenz (a,h) anthracene	Fluoranthene	Fluorene	Indeno (1,2,3-cd) pyrene	Naphthalene	Phenanthrene	Pyrene
Area8-SW-W5-3'	9/3/2014	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050
Area8-SW-W6-3'	9/3/2014	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050
Area8-SW-W7-3'	9/3/2014	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050
Area8-SW-W8-3'	9/3/2014	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050
Area8-SW-W9-2'	9/10/2014	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050
Area8-SW-W10-2'	9/10/2014	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050
Area8-SW-W11-2'	9/16/2014	<0.075	<0.075	<0.075	<0.075	<0.075	<0.075	<0.15	<0.075	<0.075	<0.15	<0.075	<0.075	<0.075	<0.15	<0.075	<0.075
Area8-SW-W13-3'	9/16/2014	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050
Area8-SW-W14-3'	9/16/2014	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050
Area8-SW-W15-3'	9/16/2014	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050
Area8-SW-W16-3'	9/16/2014	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050
Area8-SW-W17-3'	9/16/2014	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050
Area8-SW-W18-1'	9/16/2014	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050
SWC-1-0.5'	10/3/2014	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050
SWC-2-0.5'	10/3/2014	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050
SWC-3-0.5'	10/3/2014	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050
SWC-4-0.5'	10/3/2014	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	**0.031**	<0.010	<0.010	<0.020	<0.010	<0.010	<0.010	<0.020	<0.010	<0.010
SBFPD Investigation Levels		**29**	**29**	**590**	**0.08**	**0.062**	**0.2**	**-**	**0.38**	**3.8**	**0.062**	**210**	**28**	**0.62**	**1.7**	**5**	**10**

Notes:
All results in milligrams per kilogram (mg/kg)
<2.5: Concentration less than the associated laboratory Reporting Limit (RL).
J: Estimated concentration detected between the Method Detection Limit and the Reporting Limit.
Bold: Concentration > SBFPPD Investigation Level
EPA Method 8270M (SIM)

Table 4
Soil Analytical Results - Dioxins
Former Orcutt Refinery
1550 West Stowell Road
Santa Maria, California

Sample Location	Date	1,2,3,4,6,7,8-Hepta CDD	1,2,3,4,6,7,8-Hepta CDF	1,2,3,4,7,8,9-Hepta CDF	1,2,3,4,7,8-Hexa CDD	1,2,3,4,7,8-Hexa CDF	1,2,3,6,7,8-Hexa CDD	1,2,3,6,7,8-Hexa CDF	1,2,3,7,8,9-Hexa CDD	1,2,3,7,8,9-Hexa CDF	1,2,3,7,8-Penta CDD	1,2,3,7,8-Penta CDF	2,3,4,6,7,8-Hexa CDF	2,3,4,7,8-Penta CDF	2,3,7,8-Tetra CDD	2,3,7,8-Tetra CDF	Octa CDD	Octa CDF	Total Hepta CDD	Total Hepta CDF	Total Hexa CDD	Total Hexa CDF	Total Penta CDD	Total Penta CDF	Total Tetra CDD	Total Tetra CDF
Area1-Bot3-5'	6/13/2014	**65.8**	**3.1**	<12	<12	<12	**1.1**	<12	<12	<12	<12	<12	<12	<12	<5	<5	**497**	**2.9**	**122**	**10.6**	**7.1**	**2.6**	<12	<12	<5	<5
Area1-Bot14-5'	6/25/2014	**9.05**	**1.1**	<10	<10	**0.24**	**0.43**	<10	**0.33**	<10	<10	<10	<10	<10	<4	<4	**80.5**	<20	**17.4**	**3.7**	**2.7**	**1.5**	<10	<10	<4	<4
Area1-Bot21-8'	7/2/2014	**0.28**	<9.8	<9.8	<9.8	<9.8	<9.8	<9.8	<9.8	<9.8	<9.8	<9.8	<9.8	<9.8	<3.9	<3.9	**2.1**	<20	**0.28**	<9.8	<9.8	<9.8	<9.8	<9.8	<3.9	<3.9
Area1-Bot32-7'	7/30/2014	**0.72**	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<4	<4	**4.8**	<20	**1.3**	<10	<10	<10	<10	<10	<4	<4
Area1-Bot35-13'	7/30/2014	**50.5**	**6.6**	**0.63**	**0.44**	**1.6**	**1.2**	**0.64**	**1.5**	<10	<10	<10	**0.38**	<10	<4	<4	**500**	**8.8**	**102**	**15.7**	**10.7**	**9.38**	<10	**4.1**	<4	<4
Area1-Bot56-4'	8/6/2014	**7.0**	**0.72**	<9.8	<9.8	<9.8	**0.44**	<9.8	<9.8	<9.8	<9.8	<9.8	<9.8	<9.8	<3.9	<3.9	**62**	**0.94**	**13**	**0.72**	**2.2**	**0.97**	<9.8	<9.8	<3.9	<3.9
Area1-Bot65-6'	8/18/2014	**7.1**	**2.0**	**0.25**	<5	**0.16**	**0.28**	<5	<5	<5	<5	<5	<5	<5	<2	<2	**146**	**5.1**	**14.2**	**8.9**	**0.88**	**1.9**	<5	<5	<2	<2
Area1-Bot80-7'	8/18/2014	**7.6**	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<20	<20	**45.4**	<100	**15.3**	<50	**3.1**	**1.2**	<50	<50	<20	<20
Area1-SW-N8-3'	9/24/2014	**0.27**	<5	<5	<5	<5	<5	<5	<5	**0.42**	<5	<5	<5	<5	<2	<2	**2.1**	**0.18**	**0.27**	<5	<5	**0.42**	<5	<5	<2	<2
Area1-SW-S5-3'	7/25/2014	**2,790**	**70.3**	**3.4**	**2.5**	**5.1**	**32.7**	**0.65**	**17.9**	<5	**1.7**	<5	<5	**0.18**	<2	<2	**18,400**	**99.2**	**5,220**	**277**	**328**	**82.6**	**13.3**	**10.8**	**0.39**	**0.99**
Area3-SW-S1-3.5'	6/10/2014	**0.17**	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8	<1.9	<1.9	**1.0**	<9.6	**0.17**	<4.8	<4.8	<4.8	<4.8	<4.8	<1.9	<1.9
Area4-Bot1-7.5'	6/6/2014	**59.9**	**0.95**	<5	**1.3**	**0.34**	**4.9**	<5	**7.2**	<5	**2.8**	<5	<5	<5	**1.5**	<2	**156**	**0.31**	**108**	**1.6**	**68.5**	**1.9**	**19.2**	**0.87**	**2.8**	**0.12**
Area4-SW-N1-2'	6/6/2014	**4.2**	<5	<5	**0.12**	<5	**0.36**	<5	**0.55**	<5	**0.32**	<5	<5	<5	**0.19**	<2	**15.4**	**0.22**	**8.1**	**0.17**	**4.8**	**0.25**	**1.7**	<5	**0.41**	<2
Area6-SW-E2-2.5'	7/11/2014	**4.5**	<24	<24	<24	<24	<24	<24	<24	<24	<24	<24	<24	<24	<9.7	<9.7	**21.7**	<49	**8.6**	<24	**0.90**	<24	<24	<24	<9.7	<9.7
Area7-Bot6-3'	7/22/2014	**0.69**	<5	<5	<5	<5	<5	<5	<5	**0.16**	**0.14**	<5	<5	<5	<2	<2	**2.0**	**0.17**	**1.1**	<5	**0.11**	**0.16**	**0.14**	<5	<2	<2
Area7-SW-S5-1'	7/22/2014	**0.69**	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<2	<2	**5.5**	<10	**1.4**	<5	<5	<5	<5	<5	<2	<2
Area8-Bot8-7'	9/10/2014	**6,600**	**1,610**	**196**	**14.4**	**427**	**198**	**39.7**	**78**	<50	**9.8**	**2.5**	**15.1**	**7.8**	**3.7**	<20	**128,000**	**2,150**	**13,200**	**5,940**	**917**	**2,780**	**47.4**	**318**	**6.2**	**25.2**
Area8-Bot16-8'	9/16/2014	**514**	**142**	**13.9**	**2.7**	**31**	**11.6**	**21**	**9.5**	<50	**2.2**	**5.1**	**10.4**	**6.1**	<20	<20	**5,730**	**128**	**938**	**259**	**92.4**	**167**	**4.8**	**57.6**	<20	**25.4**
Area8-Bot17-5'	9/16/2014	**1,400**	**95.3**	**5.5**	**59**	**38**	**59.4**	**19.3**	**56.3**	<50	**21.6**	**7.0**	**13.1**	**11.9**	**5.5**	**15.1**	**5,940**	**60.7**	**3,790**	**168**	**1,310**	**187**	**376**	**151**	**150**	**103**
Area8-SW-E2-2'	9/3/2014	**0.49**	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<2	<2	**4.1**	<9.9	**0.96**	<5	<5	**0.63**	<5	**0.30**	<2	<2
Area8-SW-E5-2'	9/3/2014	**0.39**	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<2	<2	**3.5**	**0.19**	**0.75**	<5	<5	**0.30**	<5	<5	<2	<2
Area8-SW-W11-2'	9/16/2014	**2,640**	**392**	**49.4**	**6.1**	**99.1**	**60.3**	**9.4**	**29**	<50	**4.1**	<50	**3.9**	**2.1**	**2.2**	<20	**60,500**	**527**	**5,540**	**1,490**	**355**	**715**	**15.5**	**81.3**	**2.2**	**13.6**

Notes:

All results in picograms per gram (pg/g)

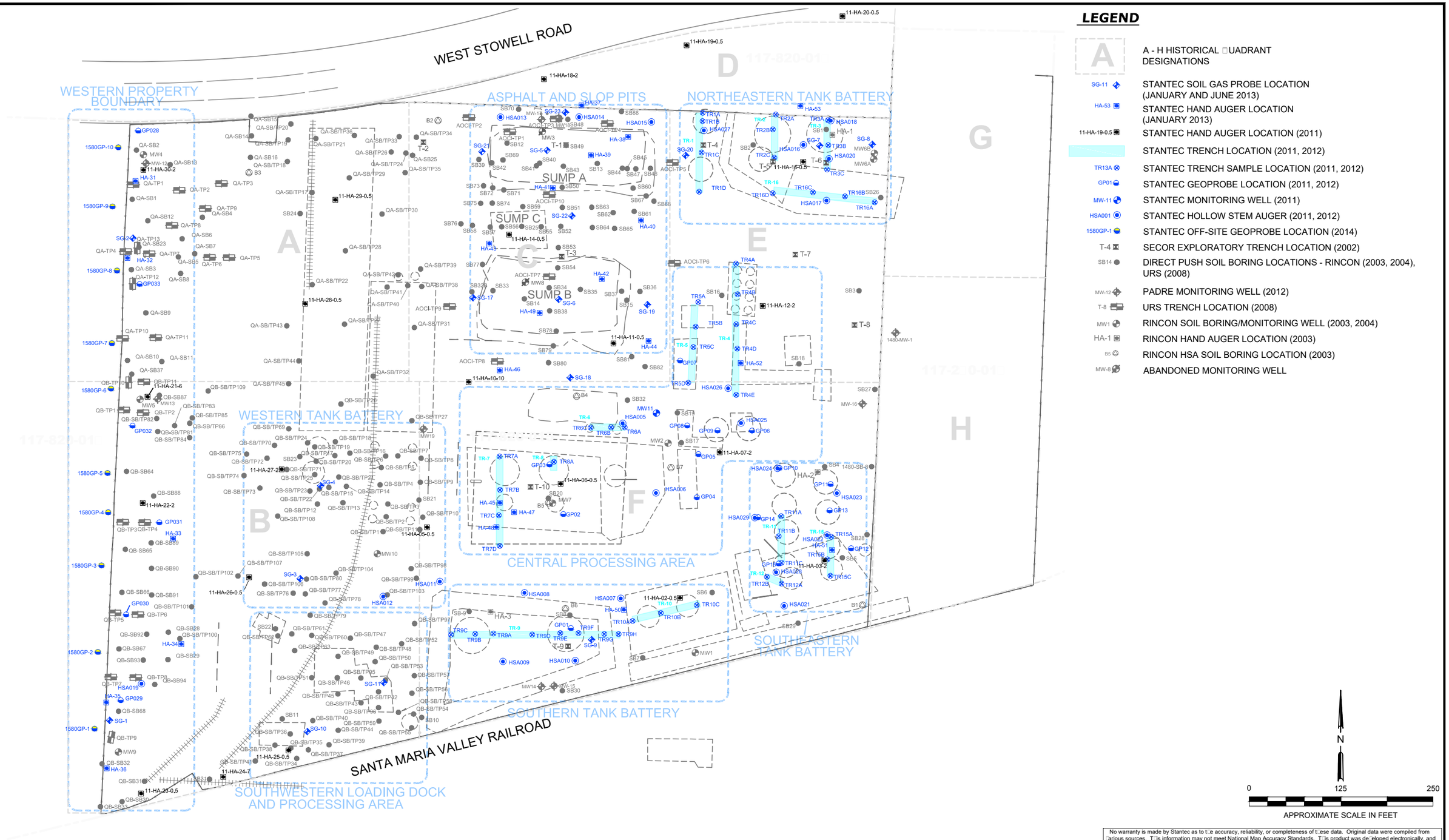
<10: Concentration less than the associated laboratory Reporting Limit (RL).

J: Estimated concentration detected between the Method Detection Limit and the Reporting Limit.

Bold: Concentration > Reporting Limit

EPA Method 8290

Figures



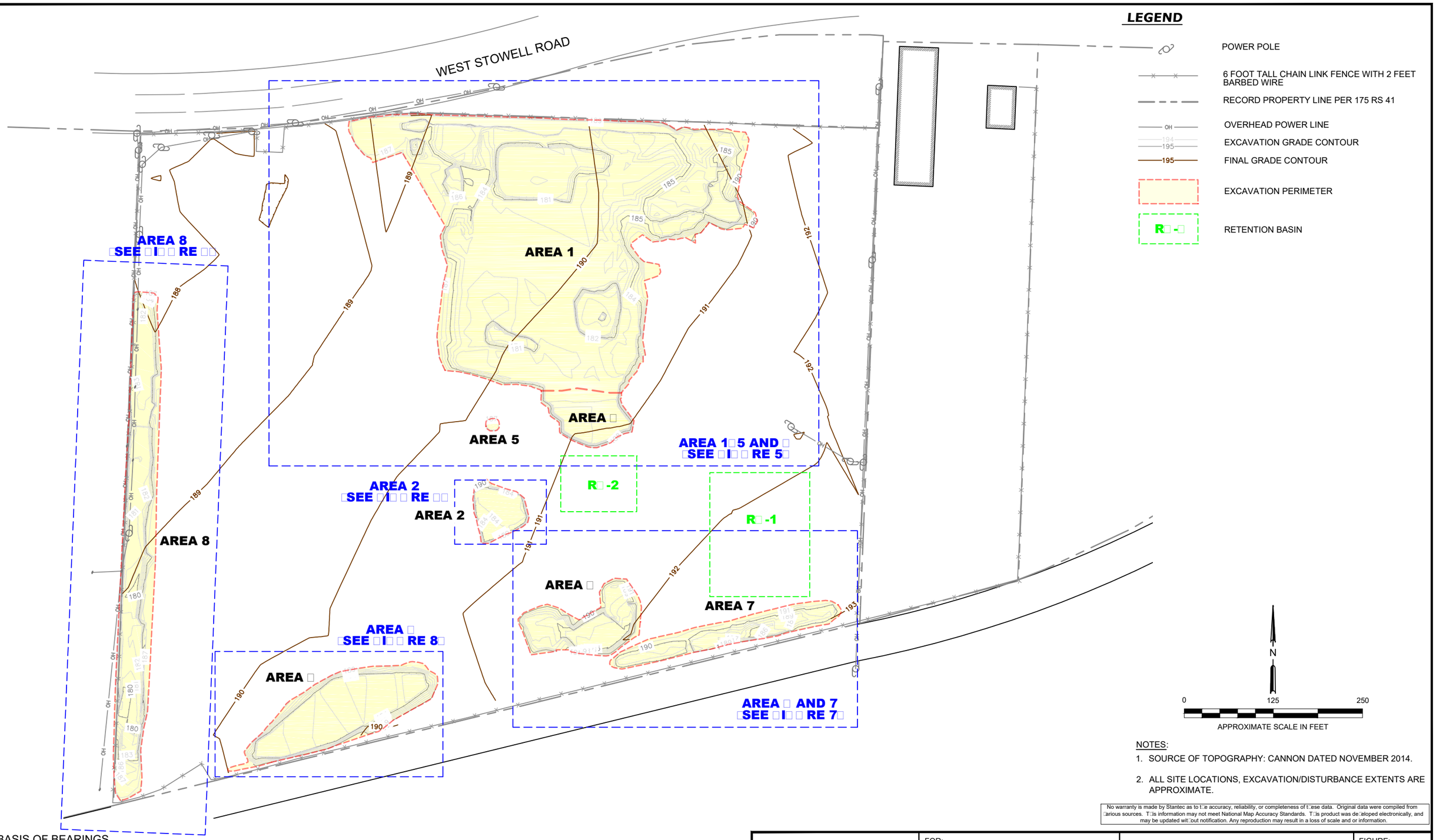
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FOR:		FIGURE:
FORMER ORCUTT REFINERY 1550 WEST STOWELL ROAD SANTA MARIA, CALIFORNIA	HISTORICAL SOIL SAMPLE LOCATIONS	3

JOB NUMBER:	DRAWN BY:	CHECKED BY:	APPROVED BY:	DATE:
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FILEPATH:P:\Cad 2003\C□e□ron\Orcutt Refinery\2014\Historical-Site-Map.dwg□lieberman□Mar 24, 2015 at 13:37□Layout: Site Map



LEGEND

- POWER POLE
- 6 FOOT TALL CHAIN LINK FENCE WITH 2 FEET BARBED WIRE
- RECORD PROPERTY LINE PER 175 RS 41
- OH — OVERHEAD POWER LINE
- 194 / 195 — EXCAVATION GRADE CONTOUR
- 195 — FINAL GRADE CONTOUR
- EXCAVATION PERIMETER
- R - RETENTION BASIN

N

0 125 250

APPROXIMATE SCALE IN FEET

NOTES:

1. SOURCE OF TOPOGRAPHY: CANNON DATED NOVEMBER 2014.
2. ALL SITE LOCATIONS, EXCAVATION/DISTURBANCE EXTENTS ARE APPROXIMATE.

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VERTICAL DATUM

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SAN LUIS OBISPO, CALIFORNIA
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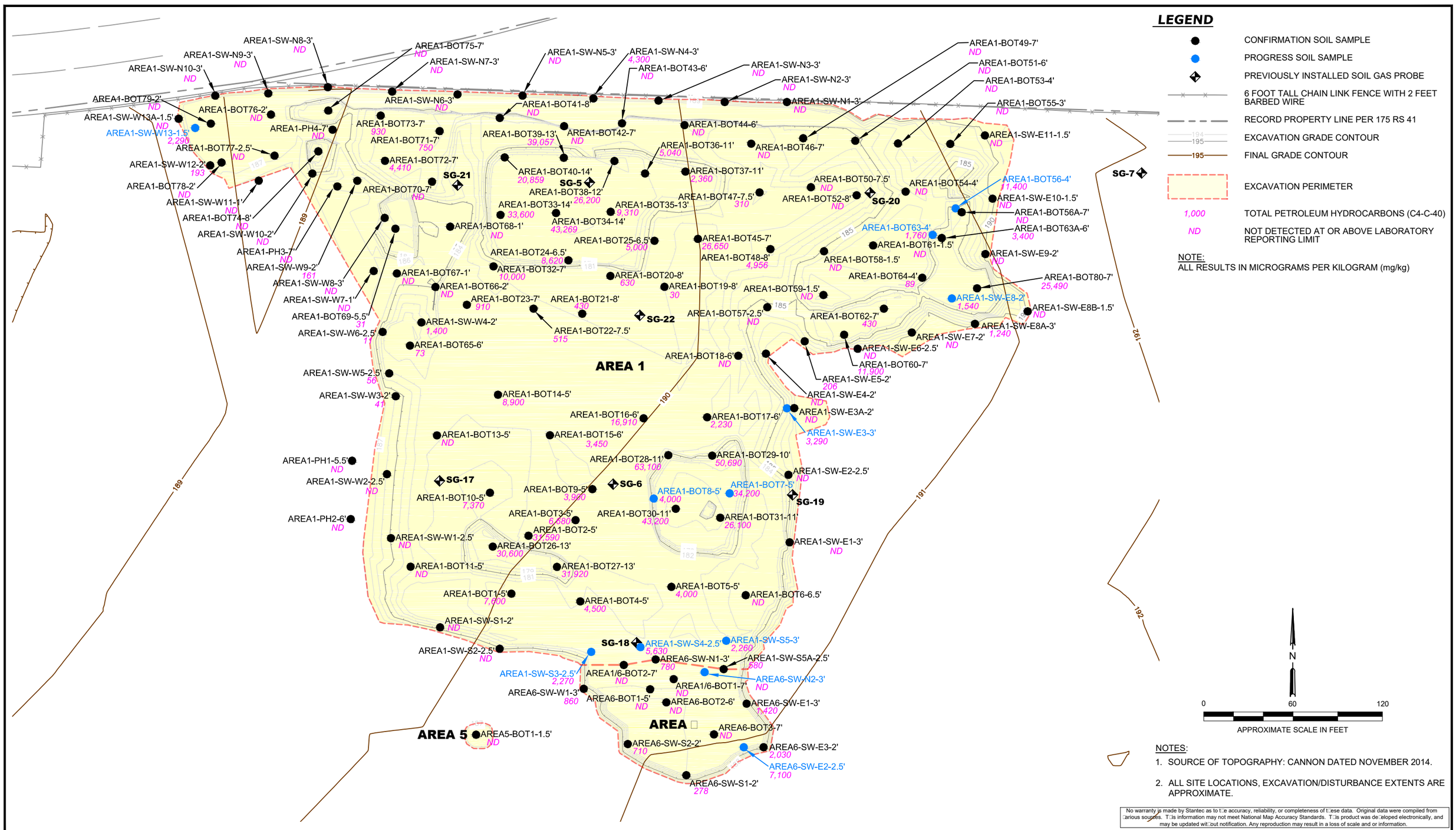
FOR:
FORMER ORCUTT REFINERY
1550 WEST STOWELL ROAD
SANTA MARIA, CALIFORNIA

EXCAVATION AREAS
AND
SURVEYED ELEVATIONS

FIGURE: 4

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NOTES:

1. SOURCE OF TOPOGRAPHY: CANNON DATED NOVEMBER 2014.
2. ALL SITE LOCATIONS, EXCAVATION/DISTURBANCE EXTENTS ARE APPROXIMATE.

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VERTICAL DATUM

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SAN LUIS OBISPO, CALIFORNIA
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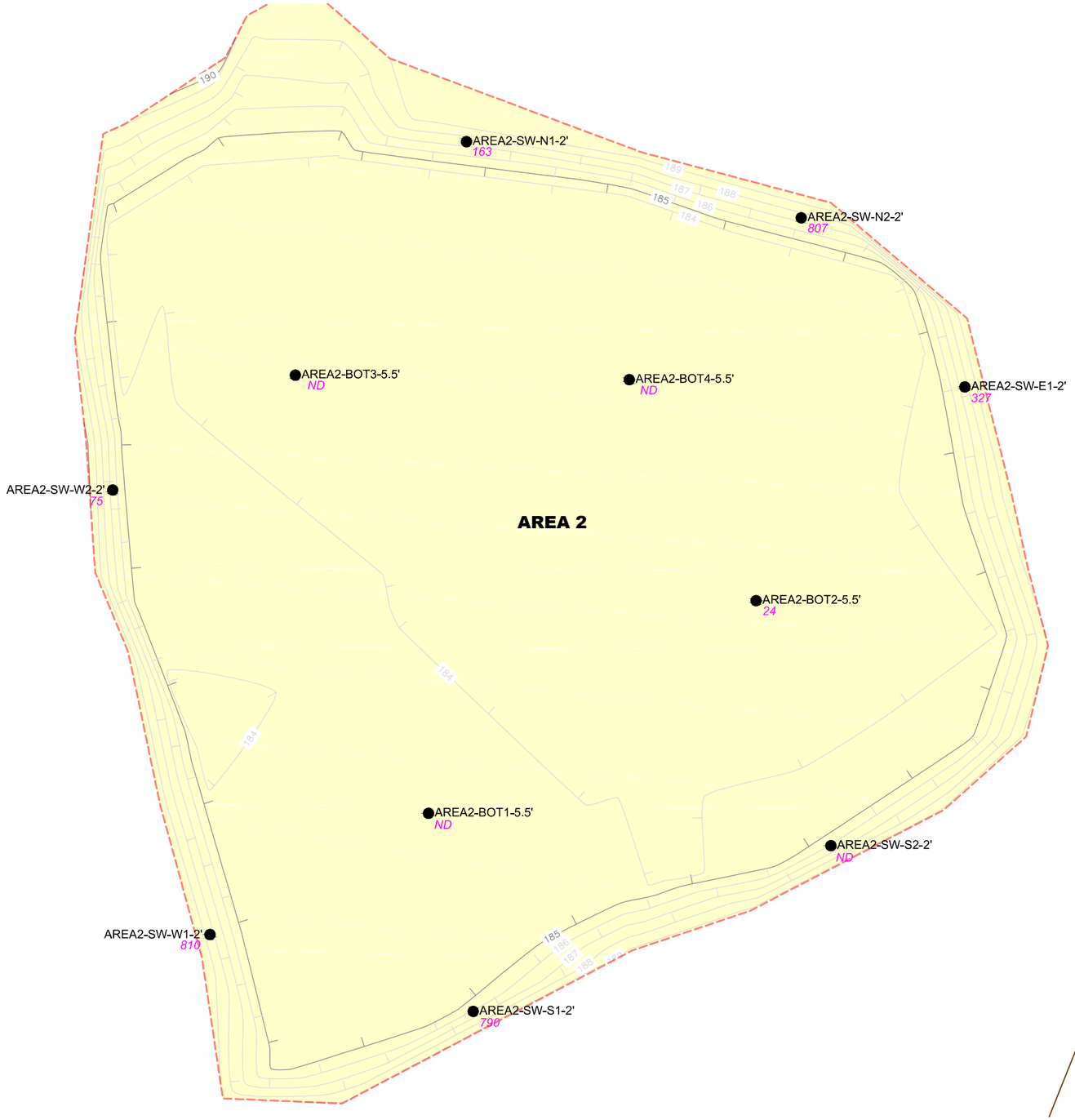
FOR:
FORMER ORCUTT REFINERY
1550 WEST STOWELL ROAD
SANTA MARIA, CALIFORNIA

AREAS 1, 5 AND 6
SOIL TPH CONCENTRATIONS
AND SURVEYED ELEVATIONS

FIGURE: 5

JOB NUMBER:	DRAWN BY:	CHECKED BY:	APPROVED BY:	DATE:
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FILEPATH:P:\Cad 2003\Chevron\Orcutt Refinery\2014\Progression-Map 12-2014.dwg jlieberman Mar 25, 2015 at 8:39 Layout: AREA-1-6-5



LEGEND

- CONFIRMATION SOIL SAMPLE
- PROGRESS SOIL SAMPLE
- 6 FOOT TALL CHAIN LINK FENCE WITH 2 FEET BARBED WIRE
- RECORD PROPERTY LINE PER 175 RS 41
- 194 / 195 — EXCAVATION GRADE CONTOUR
- 195 — FINAL GRADE CONTOUR
- EXCAVATION PERIMETER
- 1,000 — TOTAL PETROLEUM HYDROCARBONS (C4-C-40)
- ND — NOT DETECTED AT OR ABOVE LABORATORY REPORTING LIMIT

NOTE:
ALL RESULTS IN MICROGRAMS PER KILOGRAM (mg/kg)

N

0 10 20

APPROXIMATE SCALE IN FEET

NOTES:

1. SOURCE OF TOPOGRAPHY: CANNON DATED NOVEMBER 2014.
2. ALL SITE LOCATIONS, EXCAVATION/DISTURBANCE EXTENTS ARE APPROXIMATE.

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VERTICAL DATUM

THE ELEVATIONS SHOWN HEREON ARE NAVD88 AS DETERMINED BY GPS OBSERVATIONS ON POINT 1004 AS SHOWN ON THE RECORD OF SURVEY MAP FILED IN BOOK 147, PAGE 57 OF RECORD OF SURVEYS.

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SAN LUIS OBISPO, CALIFORNIA
PHONE: (805) 546-0455 FAX: (805) 546-0583

FOR:
FORMER ORCUTT REFINERY
1550 WEST STOWELL ROAD
SANTA MARIA, CALIFORNIA

AREA 2
SOIL TPH CONCENTRATIONS
AND SURVEYED ELEVATIONS

FIGURE: 6

JOB NUMBER:	DRAWN BY:	CHECKED BY:	APPROVED BY:	DATE:
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FILEPATH:P:\Cad 2003\C□e□ron\Orcutt Refinery\2014\Progression-Map□12-2014.dwg jlieberman Mar 23, 2015 at 15:21 Layout: AREA-2

LEGEND

- CONFIRMATION SOIL SAMPLE
- PROGRESS SOIL SAMPLE
- PREVIOUSLY INSTALLED SOIL GAS PROBE
- 6 FOOT TALL CHAIN LINK FENCE WITH 2 FEET BARBED WIRE
- RECORD PROPERTY LINE PER 175 RS 41
- EXCAVATION GRADE CONTOUR
- FINAL GRADE CONTOUR
- EXCAVATION PERIMETER
- *1,000* TOTAL PETROLEUM HYDROCARBONS (C4-C-40)
- *ND* NOT DETECTED AT OR ABOVE LABORATORY REPORTING LIMIT

NOTE:
ALL RESULTS IN MICROGRAMS PER KILOGRAM (mg/kg)

AREA3-SW-N4-2' ND
AREA3-SW-W3-1' ND
AREA3-SW-W4-1' ND
AREA3-SW-N2-3' 112
AREA3-SW-N3-2' 427
AREA3-BOT3-7.5' 400
AREA3-SW-N1-3' 4,300
AREA3-SW-N5-2' 890
AREA3-BOT5-4' 154
AREA3-SW-W7-2' 1,260
AREA3-SW-W2-3' 23,500
SG-9
AREA3-BOT4-3' ND
AREA3-BOT1-7.5' ND
AREA3-BOT2-7.5' 610
AREA3-SW-W6-3' 11
AREA3-SW-W1-3' 164
AREA3-SW-E1-3' NA
AREA3-SW-E2-3' 810
AREA7-SW-N1-1' 1,660
AREA7-SW-N2-1' 12
AREA3-SW-W5-1.5' 404
AREA3-SW-S1-3.5' ND
AREA7-SW-W1-1.5' 369
AREA7-BOT5-3' 144
AREA7-BOT5A-4' 13
AREA7-BOT6-3' ND
AREA7-SW-S2-1' ND
AREA7-SW-S1-1.5' 1,510
AREA7-SW-N6-1' ND
AREA7-SW-N5-2' ND
AREA7-SW-E1-1' ND
AREA7-BOT1-3' ND
AREA7-BOT2-4' ND
AREA7-SW-N4-2' ND
AREA7-SW-N3-1.5' ND
AREA7-BOT3-7' ND
AREA7-SW-S6-1' ND
AREA7-SW-S5-1' ND
AREA7-BOT4-6' 850
AREA7-SW-S4-2.5' ND
AREA7-SW-S3-1.5' 282

AREA

AREA 7

SANTA MARIA VALLEY RAILROAD

N

0 30 60

APPROXIMATE SCALE IN FEET

NOTES:

1. SOURCE OF TOPOGRAPHY: CANNON DATED NOVEMBER 2014.
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VERTICAL DATUM

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SAN LUIS OBISPO, CALIFORNIA
PHONE:(805) 546-0455 FAX:(805) 546-0583

FOR:
FORMER ORCUTT REFINERY
1550 WEST STOWELL ROAD
SANTA MARIA, CALIFORNIA

AREAS 3 AND 7
SOIL TPH CONCENTRATIONS
AND SURVEYED ELEVATIONS

FIGURE: 7

JOB NUMBER:	DRAWN BY:	CHECKED BY:	APPROVED BY:	DATE:
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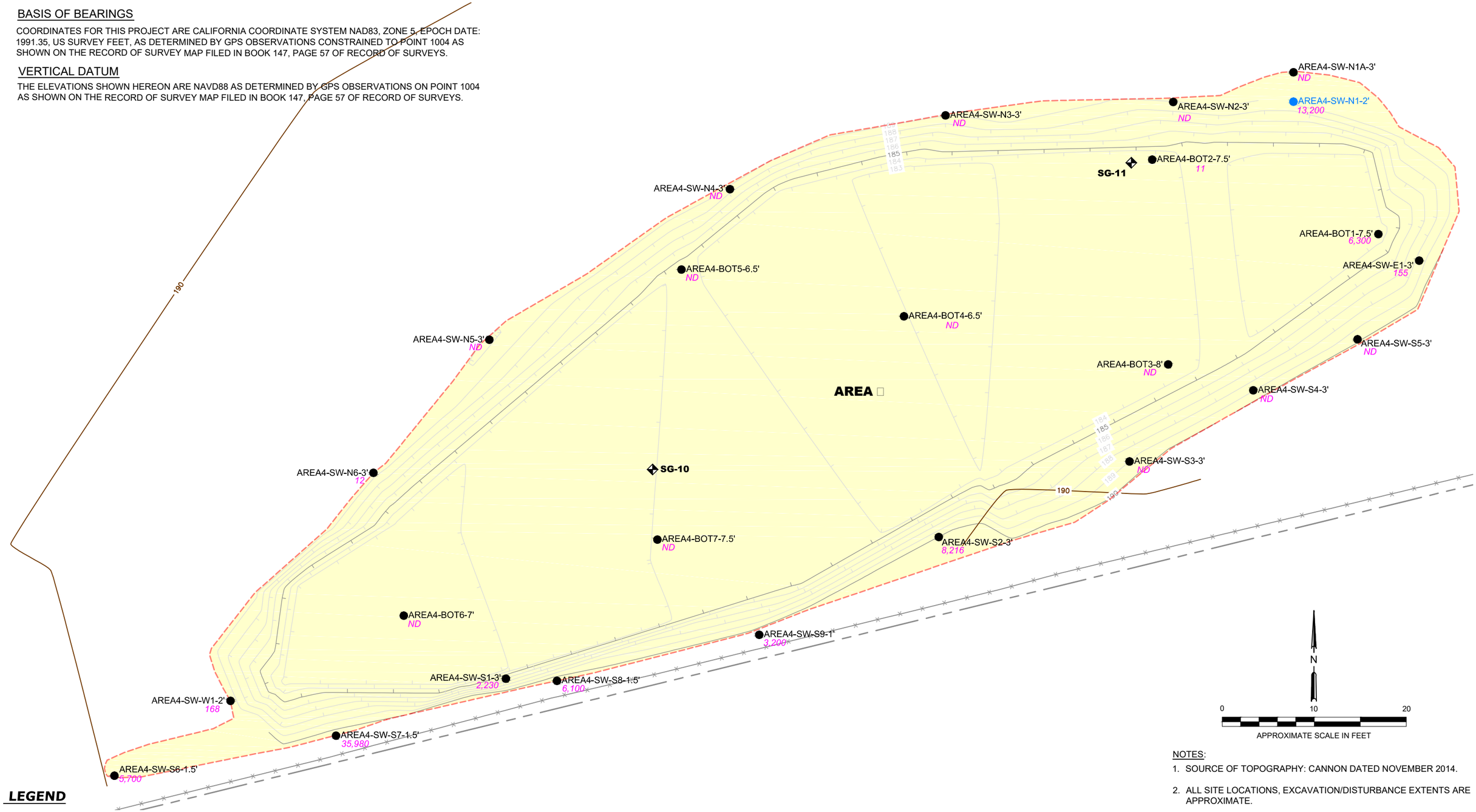
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BASIS OF BEARINGS

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LEGEND

- CONFIRMATION SOIL SAMPLE
- PROGRESS SOIL SAMPLE
- PREVIOUSLY INSTALLED SOIL GAS PROBE
- 6 FOOT TALL CHAIN LINK FENCE WITH 2 FEET BARBED WIRE
- RECORD PROPERTY LINE PER 175 RS 41
- 194 EXCAVATION GRADE CONTOUR
- 195 FINAL GRADE CONTOUR
- EXCAVATION PERIMETER
- *1,000* TOTAL PETROLEUM HYDROCARBONS (C4-C-40)
- *ND* NOT DETECTED AT OR ABOVE LABORATORY REPORTING LIMIT

NOTE:
ALL RESULTS IN MICROGRAMS PER KILOGRAM (mg/kg)

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3437 EMPRESA DR. SUITE A
SAN LUIS OBISPO, CALIFORNIA
PHONE:(805) 546-0455 FAX:(805) 546-0583

FOR:
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1550 WEST STOWELL ROAD
SANTA MARIA, CALIFORNIA

AREA 4
SOIL TPH CONCENTRATIONS
AND SURVEYED ELEVATIONS

FIGURE: 8

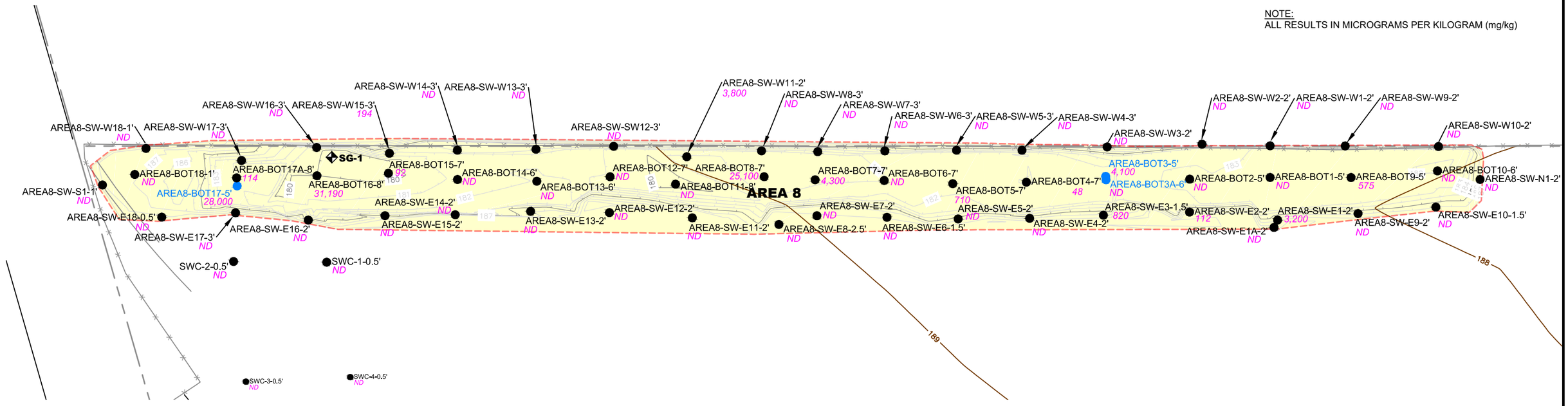
JOB NUMBER:	DRAWN BY:	CHECKED BY:	APPROVED BY:	DATE:
211802642	J. LIEBERMAN	R. DONALD	T. PORTER	01/06/15

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LEGEND

- CONFIRMATION SOIL SAMPLE
- PROGRESS SOIL SAMPLE
- PREVIOUSLY INSTALLED SOIL GAS PROBE
- 6 FOOT TALL CHAIN LINK FENCE WITH 2 FEET BARBED WIRE
- RECORD PROPERTY LINE PER 175 RS 41
- EXCAVATION GRADE CONTOUR
- FINAL GRADE CONTOUR
- EXCAVATION PERIMETER
- *1,000* TOTAL PETROLEUM HYDROCARBONS (C4-C-40)
- *ND* NOT DETECTED AT OR ABOVE LABORATORY REPORTING LIMIT

NOTE:
ALL RESULTS IN MICROGRAMS PER KILOGRAM (mg/kg)



N

0 50 100

APPROXIMATE SCALE IN FEET

NOTES:

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THE ELEVATIONS SHOWN HEREON ARE NAVD88 AS DETERMINED BY GPS OBSERVATIONS ON POINT 1004 AS SHOWN ON THE RECORD OF SURVEY MAP FILED IN BOOK 147, PAGE 57 OF RECORD OF SURVEYS.

Stantec
3437 EMPRESA DR. SUITE A
SAN LUIS OBISPO, CALIFORNIA
PHONE:(805) 546-0455 FAX:(805) 546-0583

FOR:
FORMER ORCUTT REFINERY
1550 WEST STOWELL ROAD
SANTA MARIA, CALIFORNIA

AREA 8
SOIL TPH CONCENTRATIONS
AND SURVEYED ELEVATIONS

FIGURE: 9

JOB NUMBER:	DRAWN BY:	CHECKED BY:	APPROVED BY:	DATE:
211802642	J. LIEBERMAN	R. DONALD	T. PORTER	01/06/15

FILEPATH:P:\Cad 2003\Chevron\Orcutt Refinery\2014\Progression-Map 12-2014.dwg jlieberman Mar 25, 2015 at 8:42 Layout: AREA-8

Table 1
Summary of Survey Data
Former Orcutt Refinery, 1550 West Stowell Road
Santa Maria, Santa Barbara County, California

Sample ID	Sample Location	Sample Depth (feet)	Northing (feet)	Easting (feet)	Elevation (feet AMSL)
BF-1-1'	Backfill Source	1	2172698.81	5822403.83	186.90
BF-1-4'	Backfill Source	4	2172698.81	5822403.83	183.90
BF-1-7'	Backfill Source	7	2172698.81	5822403.83	180.90
BF-2-1'	Backfill Source	1	2172644.37	5822397.00	187.42
BF-2-4'	Backfill Source	4	2172644.37	5822397.00	184.42
BF-2-7'	Backfill Source	7	2172644.37	5822397.00	181.42
BF-3-1'	Backfill Source	1	2172585.52	5822394.54	187.53
BF-3-4'	Backfill Source	4	2172585.52	5822394.54	184.53
BF-3-7'	Backfill Source	7	2172585.52	5822394.54	181.53
BF-4-1'	Backfill Source	1	2172520.58	5822391.69	187.45
BF-4-4'	Backfill Source	4	2172520.58	5822391.69	184.45
BF-4-7'	Backfill Source	7	2172520.58	5822391.69	181.45
BF-5-1'	Backfill Source	1	2172520.67	5822332.17	187.23
BF-5-4'	Backfill Source	4	2172520.67	5822332.17	184.23
BF-5-7'	Backfill Source	7	2172520.67	5822332.17	181.23
OB-1	Overburden Soil	--	--	--	--
OB-2	Overburden Soil	--	--	--	--
OB-3	Overburden Soil	--	--	--	--
OB-4	Overburden Soil	--	--	--	--
OB-5	Overburden Soil	--	--	--	--
OB-6	Overburden Soil	--	--	--	--
QA-SB37A-15'	QA-SB37	15	2172553.56	5822324.90	172.95
QA-SB37A-20'	QA-SB37	20	2172553.56	5822324.90	167.95
QA-SB37A-25'	QA-SB37	25	2172553.56	5822324.90	162.95
SP-VS-1	Stockpile Closeout	--	--	--	--
SP-VS-2	Stockpile Closeout	--	--	--	--
SP-VS-3	Stockpile Closeout	--	--	--	--
SP-VS3R	Stockpile Closeout	--	2172297.16	5822874.70	190.84
SP-VS-4	Stockpile Closeout	--	--	--	--
SP-VS-5	Stockpile Closeout	--	--	--	--
VS-1-4'	AOC 3	4	2172592.42	5823153.93	187.65
VS-2-4'	AOC 3	4	2172587.69	5823143.03	187.20
VS-3-2'	AOC 3	2	2172598.63	5823143.11	188.71
VS-4-2.5'	AOC 3	2.5	2172578.95	5823141.41	188.69
VS-5-3'	AOC 3	3	2172595.77	5823160.06	188.51
VS-6-2'	AOC 3	2	2172586.44	5823135.82	188.71
VS-7-2.5'	TR5B	2.5	2172620.03	5823089.67	189.20
VS-7R-5'	TR5B	5	2172621.22	5823090.76	187.44
VS-8-2'	TR5B	2	2172623.52	5823089.99	189.46
VS-9-1.5'	TR5B	1.5	2172616.71	5823092.62	189.83
VS-10-1.5'	TR5B	1.5	2172622.62	5823094.75	189.77
VS-11-2'	TR5B	2	2172617.47	5823086.59	189.72
VS-12-2'	TR5A	2	2172652.77	5823093.84	189.24
VS-13-1'	TR5A	1	2172656.46	5823092.84	189.85
VS-14-1.5'	TR5A	1.5	2172648.82	5823095.65	189.85
VS-15-1'	TR5A	1	2172654.31	5823095.93	189.72
VS-16-1.5'	TR5A	1.5	2172651.82	5823091.54	189.57
VS-17-5'	AOC 2	5	2172756.10	5823109.80	185.36

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Santa Maria, Santa Barbara County, California

Sample ID	Sample Location	Sample Depth (feet)	Northing (feet)	Easting (feet)	Elevation (feet AMSL)
VS-18-4'	AOC 2	4	2172771.18	5823099.03	186.74
VS-19-5'	AOC 2	5	2172787.04	5823115.20	186.03
VS-20-9'	AOC 2	9	2172778.68	5823115.96	182.95
VS-21-1'	AOC 2	1	2172754.13	5823193.91	190.41
VS-22-1'	AOC 2	1	2172724.71	5823168.23	189.94
VS-23-1'	AOC 2	1	2172751.29	5823169.63	189.81
VS-24-1'	AOC 2	1	2172740.75	5823131.97	189.54
VS-25-2.5'	AOC 2	2.5	2172768.71	5823145.07	187.95
VS-26-1'	AOC 1	1	2172717.24	5823267.06	190.84
VS-27-1'	AOC 1	1	2172719.20	5823294.82	191.00
VS-28-2.5'	AOC 1	2.5	2172735.35	5823280.91	189.63
VS-29-3'	AOC 1	3	2172795.71	5823295.64	190.07
VS-30-2'	AOC 1	2	2172805.28	5823340.83	190.78
VS-31-5.5'	AOC 1	5.5	2172782.44	5823336.75	187.77
VS-32-1.5'	AOC 1	1.5	2172762.92	5823339.28	191.63
VS-33-1.5'	AOC 1	1.5	2172718.62	5823334.74	191.71
VS-33R-1.5'	AOC 1	1.5	2172718.37	5823336.31	191.64
VS-34-2.5'	AOC 1	2.5	2172699.69	5823317.31	190.28
VS-35-2'	AOC 1	2	2172671.69	5823331.54	190.94
VS-36-2.5'	AOC 1	2.5	2172668.76	5823296.79	190.17
VS-37-3'	AOC 1	3	2172639.96	5823322.45	190.23
VS-38-2'	AOC 1	2	2172618.54	5823326.96	191.11
VS-38R-2'	AOC 1	2	2172618.25	5823328.87	191.00
VS-38R2-2'	AOC 1	2	2172619.29	5823331.43	190.84
VS-39-1'	AOC 1	1	2172616.75	5823294.75	191.28
VS-40-2.5'	AOC 1	2.5	2172580.41	5823298.70	189.83
VS-41-1.5'	AOC 1	1.5	2172566.76	5823324.46	191.15
VS-42-1.5'	AOC 1	1.5	2172568.37	5823291.10	191.01
VS-43-1'	AOC 1	1	2172518.93	5823323.27	191.25
VS-44-3'	AOC 1	3	2172528.73	5823308.69	189.51
VS-45-1.5'	AOC 1	1.5	2172518.29	5823289.52	190.96
VS-46-1.5'	AOC 1	1.5	2172469.77	5823322.74	191.33
VS-47-2.5'	AOC 1	2.5	2172464.21	5823311.70	190.27
VS-48-1'	AOC 1	1	2172471.59	5823293.50	191.08
VS-48R-1'	AOC 1	1	2172467.37	5823290.67	190.84
VS-48R2-2'	AOC 1	2	2172470.85	5823286.00	190.15
VS-48R3-3'	AOC 1	3	--	--	--
VS-49-2'	AOC 5	2	2172421.10	5823220.88	190.13
VS-50-2'	AOC 5	2	2172468.27	5823232.29	190.99
VS-50R-3'	AOC 5	3	2172468.39	5823239.68	189.43
VS-51-3'	AOC 5	3	2172383.05	5823233.70	189.54
VS-52-4'	AOC 5	4	2172439.98	5823239.46	187.56
VS-52R-5'	AOC 5	5	2172441.10	5823256.39	187.70
VS-53-2'	AOC 5	2	2172428.51	5823305.61	191.04
VS-54-2'	AOC 5	2	2172387.85	5823318.85	191.35
VS-55-5'	AOC 5	5	2172389.78	5823285.82	188.02
VS-56-3.5'	AOC 5	3.5	2172336.69	5823260.85	189.42
VS-56R-5'	AOC 5	5	2172333.90	5823259.98	187.26

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Sample ID	Sample Location	Sample Depth (feet)	Northing (feet)	Easting (feet)	Elevation (feet AMSL)
VS-57-1'	AOC 5	1	2172337.76	5823319.22	191.75
VS-58-5'	AOC 5	5	2172309.33	5823303.32	188.50
VS-59-1.5'	AOC 5	1.5	2172289.53	5823310.09	191.06
VS-59R-2.5'	AOC 5	2.5	2172287.58	5823317.85	189.98
VS-60-3.5'	AOC 5	3.5	2172267.88	5823265.93	189.81
VS-61-2'	AOC 5	2	2172247.22	5823301.47	191.09
VS-61R-4'	AOC 5	4	2172248.11	5823308.48	188.69
VS-62-3.5'	AOC 5	3.5	2172234.40	5823295.69	189.91
VS-63-1.5'	AOC 5	1.5	2172222.68	5823274.93	191.88
VS-64-3.5'	AOC 5	3.5	2172217.23	5823226.40	189.65
VS-65-4'	AOC 5	4	2172257.03	5823197.70	189.67
VS-66-3.5'	AOC 5	3.5	2172291.53	5823215.15	189.53
VS-67-3'	AOC 5	3	2172331.89	5823229.47	190.10
VS-68-1.5'	AOC 14	1.5	2172281.53	5823096.36	190.79
VS-69-4.5'	AOC 14	4.5	2172262.60	5823101.27	188.62
VS-70-2'	AOC 14	2	2172244.20	5823084.28	190.06
VS-71-3.5'	AOC 14	3.5	2172213.17	5823084.15	189.16
VS-72-3'	AOC 14	3	2172234.96	5823035.37	190.23
VS-73-6'	AOC 14	6	2172220.79	5823030.56	185.86
VS-74-4'	AOC 14	4	2172198.19	5823022.53	187.90
VS-75-3'	AOC 14	3	2172169.29	5823017.43	189.50
VS-76-3'	AOC 14	3	2172189.16	5823042.09	189.66
VS-77-3'	AOC 14	3	2172183.87	5823063.18	189.66
VS-78-4'	AOC 14	4	2172195.44	5823113.54	189.01
VS-79-3'	AOC 14	3	2172213.05	5823137.70	190.16
VS-80-5'	AOC 14	5	2172174.44	5823008.90	187.67
VS-81-3'	AOC 14 South	3	2172151.96	5823039.88	189.20
VS-82-2'	AOC 14 South	2	2172148.12	5823041.30	190.63
VS-83-3'	AOC 14 South	3	2172152.84	5823045.40	189.40
VS-84-3'	AOC 14 South	3	2172155.82	5823040.03	189.48
VS-84R-3'	AOC 14 South	3	2172155.89	5823038.96	189.97
VS-84R2-3'	AOC 14 South	3	2172157.14	5823038.75	192.34
VS-85-2'	AOC 14 South	2	2172151.26	5823035.52	190.45
VS-86-3'	AOC 5	3	2172457.15	5823268.46	190.25
VS-86R-3.5'	AOC 5	3.5	2172462.74	5823266.81	189.35
VS-87-3'	AOC 1	3	2172851.24	5823343.40	190.46
VS-88-5'	AOC 1	5	2172853.49	5823320.16	188.62
VS-89-2'	AOC 1	2	2172877.57	5823325.12	191.20
VS-90-2'	AOC 1	2	2172885.61	5823294.14	189.31
VS-91-4'	AOC 1	4	2172892.72	5823273.45	188.43
VS-92-3'	AOC 1	3	2172893.45	5823251.17	188.97
VS-93-7'	AOC 1	7	2172857.85	5823272.93	184.59
VS-94-7'	AOC 1	7	2172832.03	5823288.33	184.52
VS-95-8'	AOC 1	8	2172811.24	5823240.85	182.49
VS-96-7'	AOC 1	7	2172849.87	5823225.29	182.92
VS-97-2'	AOC 1	2	2172897.90	5823208.01	189.06
VS-98-6'	AOC 1	6	2172877.14	5823187.90	185.43
VS-99-4'	AOC 1	4	2172799.15	5823292.22	188.68

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Sample ID	Sample Location	Sample Depth (feet)	Northing (feet)	Easting (feet)	Elevation (feet AMSL)
VS-100-3'	AOC 1	3	2172805.97	5823205.47	187.75
VS-101-3'	AOC 1	3	2172896.82	5823165.24	188.56
VS-102-3'	AOC 1	3	2172852.74	5823159.30	188.55
VS-103-4'	AOC 1	4	2172833.00	5823166.52	186.61
VS-104-3'	AOC 1	3	2172809.95	5823164.47	188.59
VS-105-3'	AOC 1	3	2172785.12	5823193.66	188.59
VS-106-3.5'	AOC 1	3.5	2172791.06	5823228.82	187.10
VS-107-2'	AOC 1 South	2	2172705.45	5823189.74	189.28
VS-108-3.5'	AOC 1 South	3.5	2172705.08	5823203.23	188.08
VS-109-3'	AOC 1 South	3	2172688.13	5823204.23	189.01
VS-110-5'	AOC 1 South	5	2172724.97	5823211.46	185.93
VS-111-8'	AOC 1 South	8	2172720.10	5823194.64	183.55
VS-112-3'	AOC 1 South	3	2172737.83	5823195.61	186.92
VS-113-3'	AOC 8	3	2172315.21	5822566.82	190.41
VS-114-2.5'	AOC 8	2.5	2172285.24	5822567.85	188.78
VS-115-3'	AOC 8	3	2172287.40	5822560.39	189.41
VS-116-3'	AOC 8	3	2172262.45	5822559.05	189.73
VS-117-7.5'	AOC 8	7.5	2172275.09	5822558.64	188.58
VS-118-3'	AOC 6 / AOC 7	3	2172170.88	5822838.72	191.80
VS-119-3'	AOC 6 / AOC 7	3	2172158.26	5822779.85	191.10
VS-120-3'	AOC 6 / AOC 7	3	2172182.81	5822785.67	188.32
VS-121-4'	AOC 6 / AOC 7	4	2172199.22	5822837.81	186.94
VS-122-3.5'	AOC 6 / AOC 7	3.5	2172195.23	5822872.32	190.89
VS-123-3'	AOC 6 / AOC 7	3	2172228.40	5822849.93	190.24
VS-124-3'	AOC 6 / AOC 7	3	2172223.40	5822804.00	190.84
VS-125-5'	AOC 6 / AOC 7	5	2172211.51	5822786.61	185.57
VS-126-3'	AOC 6 / AOC 7	3	2172200.64	5822759.55	190.92
VS-127-2'	AOC 6 / AOC 7	2	2172233.40	5822749.31	189.48
VS-128-5'	AOC 6 / AOC 7	5	2172248.48	5822764.92	186.35
VS-129-2'	AOC 6 / AOC 7	2	2172204.20	5822717.70	190.02
VS-130-3'	AOC 6 / AOC 7	3	2172264.47	5822774.76	187.78
VS-131-5'	AOC 6 / AOC 7	5	2172253.32	5822712.73	185.83
VS-132-2'	AOC 6 / AOC 7	2	2172243.88	5822684.41	188.15
VS-133-2.5'	AOC 6 / AOC 7	2.5	2172299.08	5822685.43	188.26
VS-134-4'	AOC 6 / AOC 7	4	2172312.61	5822708.58	186.49
VS-135-5'	AOC 6 / AOC 7	5	2172309.16	5822767.38	185.27
VS-136-3.5'	AOC 6 / AOC 7	3.5	2172335.35	5822706.86	189.71
VS-137-4.5'	AOC 6 / AOC 7	4.5	2172330.03	5822749.23	190.57
VS-138-3.5'	AOC 6 / AOC 7	3.5	2172330.82	5822779.46	187.16
VS-139-5.5'	AOC 6 / AOC 7	5.5	2172381.31	5822762.67	185.04
VS-139R-8.5'	AOC 6 / AOC 7	8.5	--	--	--
VS-140-5'	AOC 6 / AOC 7	5	2172382.42	5822780.27	190.86
VS-141-4'	AOC 6 / AOC 7	4	2172371.87	5822743.10	190.71
VS-142-6'	AOC 6 / AOC 7	6	2172439.76	5822779.61	190.68
VS-143-4'	AOC 6 / AOC 7	4	2172415.14	5822753.35	190.96
VS-144-3'	AOC 10	3	2172382.91	5822560.07	187.00
VS-145-3'	AOC 10	3	2172425.80	5822556.14	189.66
VS-146-7.5'	AOC 10	7.5	2172388.97	5822612.53	181.49

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Sample ID	Sample Location	Sample Depth (feet)	Northing (feet)	Easting (feet)	Elevation (feet AMSL)
VS-147-5'	AOC 10	5	2172429.80	5822574.21	184.68
VS-148-4'	AOC 10	4	2172451.37	5822586.97	189.57
VS-149-3.5'	AOC 10	3.5	2172441.99	5822611.00	189.96
VS-150-4'	AOC 10	4	2172399.75	5822624.48	190.10
VS-151-3'	AOC 10	3	2172378.58	5822597.72	190.00
VS-152-5'	AOC 9	5	2172339.92	5822662.61	185.45
VS-153-4'	AOC 9	4	2172342.67	5822658.63	189.93
VS-154-4.5'	AOC 9	4.5	2172331.36	5822659.73	189.80
VS-155-3.5'	AOC 9	3.5	2172337.58	5822668.21	185.93
VS-156-3.5'	AOC 9	3.5	2172344.69	5822669.14	186.08
VS-157-6'	AOC 11	6	2172675.78	5822714.87	184.53
VS-158-5.5'	AOC 11	5.5	2172674.75	5822702.96	189.33
VS-159-4'	AOC 11	4	2172662.15	5822713.77	189.56
VS-160-4'	AOC 11	4	2172688.27	5822716.60	189.68
VS-161-2.5'	AOC 11	2.5	2172676.33	5822727.25	189.58
VS-162-5.5'	AOC 16	5.5	2172911.69	5822887.95	185.25
VS-163-4.5'	AOC 16	4.5	2172914.12	5822896.55	185.25
VS-164-4'	AOC 16	4	2172916.86	5822885.79	187.07
VS-165-4'	AOC 16	4	2172908.91	5822876.74	185.89
VS-166-8.5'	AOC 5	8.5	2172261.75	5823235.50	188.54
VS-167-7.5'	AOC 14	7.5	2172249.81	5823152.50	184.51
VS-168-2'	AOC 12 / AOC 13	2	2172853.61	5822445.61	187.74
VS-169-4'	AOC 12 / AOC 13	4	2172867.65	5822433.66	184.03
VS-170-2.5'	AOC 12 / AOC 13	2.5	2172833.15	5822413.91	185.42
VS-171-3'	AOC 12 / AOC 13	3	2172892.66	5822412.04	185.60
VS-172-4'	AOC 12 / AOC 13	4	2172864.10	5822364.60	184.26
VS-173-2.5'	AOC 12 / AOC 13	2.5	2172891.62	5822352.90	185.92
VS-174-3'	AOC 12 / AOC 13	3	2172794.54	5822429.26	185.09
VS-175-2.5'	AOC 12 / AOC 13	2.5	2172776.38	5822391.77	185.73
VS-176-4'	AOC 12 / AOC 13	4	2172792.61	5822399.34	184.83
VS-177-3'	AOC 12 / AOC 13	3	2172806.74	5822324.57	184.80
VS-178-3.5'	AOC 12 / AOC 13	3.5	2172873.65	5822324.86	183.98
VS-179-7'	AOC 12 / AOC 13	7	2172876.44	5822336.50	180.26
VS-180-2'	AOC 12 / AOC 13	2	2172832.54	5822328.35	185.58
VS-181-5.5'	AOC 12 / AOC 13	5.5	2172823.42	5822344.33	182.71
VS-182-1'	AOC 12 / AOC 13	1	2172679.01	5822368.51	186.48
VS-183-2'	AOC 12 / AOC 13	2	2172697.49	5822372.82	185.70
VS-184-1.5'	AOC 12 / AOC 13	1.5	2172723.57	5822380.65	186.32
VS-185-2'	AOC 12 / AOC 13	2	2172748.32	5822369.99	184.64
VS-186-5'	AOC 12 / AOC 13	5	2172779.22	5822326.22	183.35
VS-187-1.5'	AOC 12 / AOC 13	1.5	2172766.18	5822366.88	186.02
VS-188-1.5'	AOC 12 / AOC 13	1.5	2172765.56	5822318.63	186.43
VS-189-13'	AOC 12 / AOC 13	13	2172725.32	5822344.55	176.06
VS-190-7'	AOC 12 / AOC 13	7	2172686.97	5822331.18	181.00
VS-191-4'	AOC 12 / AOC 13	4	2172709.68	5822317.98	184.52
VS-192-6'	AOC 12 / AOC 13	6	2172667.93	5822322.94	182.30
VS-193-7.5'	AOC 5 / AOC 14	7.5	2172404.61	5823183.76	185.02
VS-194-5.5'	AOC 5 / AOC 14	5.5	2172361.51	5823161.84	186.79

Table 1
Summary of Survey Data
Former Orcutt Refinery, 1550 West Stowell Road
Santa Maria, Santa Barbara County, California

Sample ID	Sample Location	Sample Depth (feet)	Northing (feet)	Easting (feet)	Elevation (feet AMSL)
VS-195-5'	AOC 5 / AOC 14	5	2172312.10	5823138.12	186.78
VS-196-9'	AOC 5 / AOC 14	9	2172355.01	5823204.12	183.84
VS-197-8'	AOC 5 / AOC 14	8	2172314.31	5823203.10	184.15
VS-198-7'	AOC 5 / AOC 14	7	2172270.33	5823169.64	185.39
VS-199-5'	AOC 5 / AOC 14	5	2172240.08	5823179.77	188.47
VS-200-5.5'	AOC 5 / AOC 14	5.5	2172240.21	5823217.78	187.86
VS-201-3.5'	AOC 5 / AOC 14	3.5	2172223.90	5823191.52	189.86
VS-202-4'	AOC 5 / AOC 14	4	2172219.62	5823225.53	189.03
VS-203-3'	AOC 4	3	2172288.19	5823067.62	188.76
VS-204-3'	AOC 4	3	2172275.03	5823029.65	189.41
VS-205-9'	AOC 4	9	2172325.87	5823079.26	184.43
VS-206-4'	AOC 4	4	2172301.48	5823036.75	188.86
VS-207-3.5'	AOC 4	3.5	2172278.62	5823000.08	187.89
VS-208-3'	AOC 4	3	2172286.98	5822996.49	188.22
VS-209-3.5'	AOC 4	3.5	2172297.59	5823001.85	188.88
VS-210-3'	AOC 4	3	2172332.73	5822998.11	188.50
VS-211-4.5'	AOC 4	4.5	2172362.96	5823059.64	186.79
VS-212-7'	AOC 4	7	2172375.38	5823087.29	183.15
VS-213-4'	AOC 4	4	2172380.08	5823106.16	187.84
VS-214-3.5'	AOC 4	3.5	2172388.20	5823039.93	188.55
VS-215-5.5'	AOC 4	5.5	2172422.12	5823140.82	185.85
VS-216-3'	AOC 4	3	2172389.54	5823018.33	188.97
VS-217-4.5'	AOC 4	4.5	2172431.63	5823054.50	187.40
VS-218-3.5'	AOC 4	3.5	2172440.66	5823038.64	187.13
VS-219-9'	AOC 4	9	2172444.05	5823090.62	182.78
VS-220-2.5'	AOC 4	2.5	2172469.83	5823062.81	188.34
VS-221-4'	AOC 4	4	2172458.06	5823001.66	187.35
VS-222-7'	AOC 4	7	2172478.92	5823010.13	184.05
VS-223-3'	AOC 4	3	2172497.00	5823029.32	187.94
VS-224-3'	AOC 4	3	2172496.66	5823006.08	187.47
VS-224R-3'	AOC 4	3	--	--	--
VS-224R2-3.5'	AOC 4	3.5	--	--	--
VS-224R3-3.5'	AOC 4	3.5	--	--	--
VS-225-4'	AOC 4	4	2172550.70	5822995.43	186.99
VS-226-4.5'	AOC 4	4.5	2172535.77	5823027.95	186.31
VS-227-7'	AOC 4	7	2172566.95	5823034.46	184.58
VS-228-7'	AOC 4	7	2172544.47	5823048.57	184.03
VS-229-6'	AOC 4	6	2172572.08	5823041.33	185.47
VS-230-4'	AOC 4	4	2172577.50	5823025.23	186.51
VS-231-4.5'	AOC 4	4.5	2172555.39	5823075.65	186.64
VS-232-7'	AOC 4	7	2172550.03	5823082.34	184.28
VS-233-3'	AOC 4	3	2172531.86	5823110.37	187.73
VS-233R-3'	AOC 4	3	--	--	--
VS-234-7.5'	AOC 4	7.5	2172506.19	5823132.96	183.09
VS-235-5'	AOC 4	5	2172541.14	5823157.48	186.10
VS-236-6'	AOC 4	6	2172467.00	5823155.38	185.72
VS-237-3'	AOC 4	3	2172524.95	5823195.55	188.52
VS-238-3'	AOC 4	3	2172519.97	5823196.13	188.15

Table 1
Summary of Survey Data
Former Orcutt Refinery, 1550 West Stowell Road
Santa Maria, Santa Barbara County, California

Sample ID	Sample Location	Sample Depth (feet)	Northing (feet)	Easting (feet)	Elevation (feet AMSL)
VS-239-3'	AOC 4	3	2172493.87	5823222.42	188.85
VS-240-8.5'	AOC 4	8.5	2172623.60	5823035.65	191.20
VS-241-5.5'	AOC 4	5.5	2172620.04	5823036.70	191.05
VS-242-5'	AOC 4	5	2172638.55	5823027.10	190.69

Notes:
AMSL = above mean sea level.
-- = No data / locations not surveyed.
Survey performed by Cannon Corporation, of San Luis Obispo, California.
Survey Data in California State Plane, Coordinate Zone 5, NAD 83.

Table 2
Summary of QA-SB37 Assessment Soil Sample Analytical Results
TPH
Former Orcutt Refinery, 1550 West Stowell Road
Santa Maria, Santa Barbara County, California

Sample ID	Date Collected	TPH C_4-C_{12}	TPH C_{13}-C_{22}	TPH C_{23}-C_{40}	TPH C_4-C_{40}*
QA-SB37A-15'	12/12/2017	<0.50	<9.9	<50	<60.40
QA-SB37A-20'	12/12/2017	<0.50	<10	<50	<60.50
QA-SB37A-25'	12/12/2017	<0.50	<10	<50	<60.50
ESL / CLEANUP GOAL		100	230	5,100	1,000

Notes:

All results in milligrams per kilogram (mg/kg).

<10 = not indicated at or above the method reporting limit.

TPH = total petroleum hydrocarbons.

* = Sum of the three specified TPH carbon ranges (C_4-C_{12}, C_{13}-C_{22}, and C_{23}-C_{40}).

Sum of TPH does not include J flag (estimated) results.

ESL = California Regional Water Quality Control Board, San Fransisco Bay Region, Environmental Screening Levels (Tier 1 Values, February 2016).

Table 3
Summary of Verification Soil Sample Analytical Results
TPH
Former Orcutt Refinery, 1550 West Stowell Road
Santa Maria, Santa Barbara County, California

Sample ID	Date Collected	TPH C_4-C_{12}	TPH C_{13}-C_{22}	TPH C_{23}-C_{40}	TPH C_4-C_{40}*
BF-1-1'	11/28/2017	<0.51	**19**	**210**	**229**
BF-1-4'	11/28/2017	<0.49	<10	<50	<60.49
BF-1-7'	11/28/2017	<0.51	<10	<50	<60.51
BF-2-1'	11/28/2017	<0.50	**17**	**340**	**357**
BF-2-4'	11/28/2017	<0.51	<10	<50	<60.51
BF-2-7'	11/28/2017	<0.50	<10	<50	<60.50
BF-3-1'	11/28/2017	<0.50	**38**	**480**	**518**
BF-3-4'	11/28/2017	<0.50	<9.9	<50	<60.40
BF-3-7'	11/28/2017	<0.51	<10	<50	<60.51
BF-4-1'	11/28/2017	<0.51	**26**	**230**	**256**
BF-4-4'	11/28/2017	<0.49	<10	<50	<60.49
BF-4-7'	11/28/2017	<0.49	<10	<50	<60.49
BF-5-1'	11/28/2017	<0.51	<9.9	<50	<60.41
BF-5-4'	11/28/2017	<0.51	<9.9	<50	<60.41
BF-5-7'	11/28/2017	<0.50	<9.9	<50	<60.40
OB-1	12/1/2017	<0.49	8.1 J	<50	<60.49
OB-2	1/12/2018	<0.50	**15**	**130**	**145**
OB-3	1/12/2018	<0.49	<10	**71**	**71**
OB-4	1/12/2018	<0.50	**11**	**120**	**131**
OB-5	1/12/2018	<0.49	<10	<50	<60.49
OB-6	1/31/2018	<0.50	7.8 J	<50	<60.40
SP-VS-1	2/28/2018	<0.49	<10	<50	<60.49
SP-VS-2	2/28/2018	<0.50	<9.9	<50	<60.40
SP-VS-3	2/28/2018	<0.49	**380**	**1,500**	**1,880**
SP-VS3R	3/5/2018	<0.49	<10	<50	<60.49
SP-VS-4	2/28/2018	<0.50	**12**	**62**	**74**
SP-VS-5	2/28/2018	<0.50	<10	<50	<60.50
VS-1-4'	12/1/2017	<0.50	<10	<50	<60.50
VS-2-4'	12/1/2017	<0.50	<9.9	<50	<60.40
VS-3-2'	12/1/2017	<0.51	**12**	**56**	**68**
VS-4-2.5'	12/1/2017	<0.50	**52**	**240**	**292**
VS-5-3'	12/1/2017	<0.51	<9.9	<50	<60.41
VS-6-2'	12/1/2017	<0.51	**140**	**600**	**740**
VS-7-2.5'	12/1/2017	<0.49	**110**	**900**	**1,010**
VS-7R-5'	12/7/2017	<0.50	<10	<50	<60.50
VS-8-2'	12/1/2017	<0.50	**100**	**530**	**630**
VS-9-1.5'	12/1/2017	<0.50	**44**	**300**	**344**
VS-10-1.5'	12/1/2017	<0.50	**110**	**470**	**580**

Table 3
Summary of Verification Soil Sample Analytical Results
TPH
Former Orcutt Refinery, 1550 West Stowell Road
Santa Maria, Santa Barbara County, California

Sample ID	Date Collected	TPH C_4-C_{12}	TPH C_{13}-C_{22}	TPH C_{23}-C_{40}	TPH C_4-C_{40}*
VS-11-2'	12/1/2017	<0.50	**44**	**370**	**414**
VS-12-2'	12/1/2017	<0.50	**34**	**340**	**374**
VS-13-1'	12/1/2017	<0.50	**59**	**290**	**349**
VS-14-1.5'	12/1/2017	<0.51	**29**	**170**	**199**
VS-15-1'	12/1/2017	<0.50	**71**	**410**	**481**
VS-16-1.5'	12/1/2017	<0.50	**15**	**78**	**93**
VS-17-5'	12/7/2017	<0.50	**18**	**110**	**128**
VS-18-4'	12/7/2017	<0.50	<10	<50	<60.50
VS-19-5'	12/7/2017	<0.50	<10	<50	<60.50
VS-20-9'	12/7/2017	<0.51	**100**	**620**	**720**
VS-21-1'	12/7/2017	<0.50	**99**	**690**	**789**
VS-22-1'	12/7/2017	<0.49	**19**	**78**	**97**
VS-23-1'	12/7/2017	<0.50	<9.9	<50	<60.40
VS-24-1'	12/7/2017	<0.50	**19**	**130**	**149**
VS-25-2.5'	12/7/2017	<0.49	<10	<50	<60.49
VS-26-1'	12/15/2017	<0.50	**20**	<50	**20**
VS-27-1'	12/15/2017	<0.50	**24**	**100**	**124**
VS-28-2.5'	12/15/2017	<0.50	<10	<50	<60.50
VS-29-3'	12/15/2017	<0.50	**97**	**400**	**497**
VS-30-2'	12/15/2017	<0.50	<20	<99	<119.50
VS-31-5.5'	12/15/2017	<0.50	**69**	**350**	**419**
VS-32-1.5'	12/15/2017	<0.50	<10	<50	<60.50
VS-33-1.5'	12/15/2017	<0.50	**190**	**970**	**1,160**
VS-33R-1.5'	12/22/2017	<0.50	**98**	**780**	**878**
VS-34-2.5'	12/15/2017	<0.50	<10	<50	<60.50
VS-35-2'	12/15/2017	<0.50	**91**	**460**	**551**
VS-36-2.5'	12/15/2017	<0.50	**46**	**180**	**226**
VS-37-3'	12/15/2017	<0.50	<10	<50	<60.50
VS-38-2'	12/15/2017	<0.50	**230**	**1,500**	**1,730**
VS-38R-2'	12/22/2017	<0.48	**220**	**1,400**	**1,620**
VS-38R2-2'	1/19/2018	<0.50	**95**	**450**	**545**
VS-39-1'	12/15/2017	<0.50	**97**	**670**	**767**
VS-40-2.5'	12/15/2017	<0.51	**45**	**61**	**106**
VS-41-1.5'	12/15/2017	<0.50	**64**	**420**	**484**
VS-42-1.5'	12/15/2017	<0.50	**11**	**51**	**62**
VS-43-1'	12/15/2017	<0.50	**43**	**180**	**223**
VS-44-3'	12/15/2017	<0.50	<10	<50	<60.50
VS-45-1.5'	12/15/2017	<0.50	**51**	**370**	**421**

Table 3
Summary of Verification Soil Sample Analytical Results
TPH
Former Orcutt Refinery, 1550 West Stowell Road
Santa Maria, Santa Barbara County, California

Sample ID	Date Collected	TPH C_4-C_{12}	TPH C_{13}-C_{22}	TPH C_{23}-C_{40}	TPH C_4-C_{40}*
VS-46-1.5'	12/15/2017	<0.50	**55**	**320**	**375**
VS-47-2.5'	12/15/2017	<0.49	<10	<50	<60.49
VS-48-1'	12/15/2017	<0.50	**400**	**1,300**	**1,700**
VS-48R-1'	12/22/2017	<0.49	**520**	**2,900**	**3,420**
VS-48R2-2'	1/19/2018	<0.50	**560**	**2,100**	**2,660**
VS-48R3-3'	1/25/2018	<0.50	**92**	**120**	**212**
VS-49-2'	12/22/2017	<0.50	**120**	**760**	**880**
VS-50-2'	12/22/2017	<0.50	**380**	**2,300**	**2,680**
VS-50R-3'	1/19/2018	<0.50	<10	<50	<60.50
VS-51-3'	12/22/2017	<0.49	**99**	**680**	**779**
VS-52-4'	12/22/2017	<0.49	**660**	**2,300**	**2,960**
VS-52R-5'	1/19/2018	<0.50	**110**	**430**	**540**
VS-53-2'	12/22/2017	<0.49	**35**	**240**	**275**
VS-54-2'	12/22/2017	<0.49	**37**	**480**	**517**
VS-55-5'	12/22/2017	<0.50	**54**	**76**	**130**
VS-56-3.5'	12/22/2017	<0.48	**480**	**1,800**	**2,280**
VS-56R-5'	1/19/2018	<0.50	**120**	**390**	**510**
VS-57-1'	12/22/2017	<0.49	**42**	**230**	**272**
VS-58-5'	12/22/2017	<0.49	**32**	**220**	**252**
VS-59-1.5'	12/22/2017	<0.49	**120**	**900**	**1,020**
VS-59R-2.5'	1/19/2018	<0.50	**46**	**270**	**316**
VS-60-3.5'	12/22/2017	<0.49	<10	<50	<60.49
VS-61-2'	12/22/2017	<0.50	**170**	**1,600**	**1,770**
VS-61R-4'	1/19/2018	<0.50	**140**	**500**	**640**
VS-62-3.5'	12/22/2017	<0.49	**11**	**65**	**76**
VS-63-1.5'	12/22/2017	<0.49	<10	<50	<60.49
VS-64-3.5'	12/22/2017	<0.49	<10	<50	<60.49
VS-65-4'	12/22/2017	<0.49	<10	<50	<60.49
VS-66-3.5'	12/22/2017	<0.50	<10	<50	<60.50
VS-67-3'	12/22/2017	<0.50	<10	<50	<60.50
VS-68-1.5'	12/22/2017	<0.51	<10	<50	<60.51
VS-69-4.5'	12/22/2017	<0.50	<10	<50	<60.50
VS-70-2'	12/22/2017	<0.49	<10	<50	<60.49
VS-71-3.5'	12/22/2017	<0.50	**37**	**240**	**277**
VS-72-3'	12/22/2017	<0.50	<10	<50	<60.50
VS-73-6'	12/22/2017	<0.50	**49**	**200**	**249**
VS-74-4'	12/22/2017	<0.49	**49**	**230**	**279**
VS-75-3'	12/22/2017	<0.50	<10	<50	<60.50

Table 3
Summary of Verification Soil Sample Analytical Results
TPH
Former Orcutt Refinery, 1550 West Stowell Road
Santa Maria, Santa Barbara County, California

Sample ID	Date Collected	TPH C_4-C_{12}	TPH C_{13}-C_{22}	TPH C_{23}-C_{40}	TPH C_4-C_{40}*
VS-76-3'	12/22/2017	<0.50	<10	<50	<60.50
VS-77-3'	12/22/2017	<0.50	<10	<50	<60.50
VS-78-4'	12/22/2017	<0.49	<9.9	<50	<60.39
VS-79-3'	12/22/2017	<0.50	**54**	**280**	**334**
VS-80-5'	12/22/2017	<0.50	<10	<50	<60.50
VS-81-3'	12/22/2017	<0.50	<10	<50	<60.50
VS-82-2'	12/22/2017	<0.49	<10	<50	<60.49
VS-83-3'	12/22/2017	<0.50	<10	<50	<60.50
VS-84-3'	12/22/2017	<0.49	**390**	**1,100**	**1,490**
VS-84R-3'	1/19/2018	<0.51	**750**	**2,600**	**3,350**
VS-84R2-3'	1/25/2018	<0.50	**49**	**140**	**189**
VS-85-2'	12/22/2017	<0.50	<10	<50	<60.50
VS-86-3'	12/22/2017	<0.49	**470**	**180**	**650**
VS-86R-3.5'	1/19/2018	<0.50	<9.9	<50	<60.40
VS-87-3'	1/19/2018	<0.50	<10	<50	<60.50
VS-88-5'	1/19/2018	<0.50	<10	<50	<60.50
VS-89-2'	1/19/2018	<0.50	<10	<50	<60.50
VS-90-2'	1/19/2018	<0.50	<10	<50	<60.50
VS-91-4'	1/19/2018	<0.51	**15**	<50	**15**
VS-92-3'	1/19/2018	<0.50	<10	<50	<60.50
VS-93-7'	1/19/2018	**1,200**	**1,600**	**160**	**2,960**
VS-94-7'	1/19/2018	**1,300**	**1,300**	**490**	**3,090**
VS-95-8'	1/19/2018	**390**	**620**	**340**	**1,350**
VS-96-7'	1/19/2018	**900**	**510**	**490**	**1,900**
VS-97-2'	1/19/2018	<0.50	<10	<50	<60.50
VS-98-6'	1/19/2018	<0.50	<10	<50	<60.50
VS-99-4'	1/19/2018	<0.50	<9.9	<50	<60.40
VS-100-3'	1/19/2018	<0.50	<10	<50	<60.50
VS-101-3'	1/19/2018	<0.50	<10	<50	<60.50
VS-102-3'	1/19/2018	<0.50	8.1 J	<50	<60.50
VS-103-4'	1/19/2018	<0.50	<10	<50	<60.50
VS-104-3'	1/19/2018	<0.50	<10	<50	<60.50
VS-105-3'	1/19/2018	<0.50	<9.9	<50	<60.40
VS-106-3.5'	1/19/2018	<0.50	<9.9	<50	<60.40
VS-107-2'	1/19/2018	<0.50	<10	<50	<60.50
VS-108-3.5'	1/19/2018	<0.50	<9.9	<50	<60.40
VS-109-3'	1/19/2018	<0.50	<9.9	<50	<60.40
VS-110-5'	1/19/2018	<0.50	<10	<50	<60.50

Table 3
Summary of Verification Soil Sample Analytical Results
TPH
Former Orcutt Refinery, 1550 West Stowell Road
Santa Maria, Santa Barbara County, California

Sample ID	Date Collected	TPH C_4-C_{12}	TPH C_{13}-C_{22}	TPH C_{23}-C_{40}	TPH C_4-C_{40}*
VS-111-8'	1/19/2018	<0.50	<10	<50	<60.50
VS-112-3'	1/19/2018	<0.50	<10	<50	<60.50
VS-113-3'	1/19/2018	<0.50	<10	<50	<60.50
VS-114-2.5'	1/19/2018	<0.50	<10	<50	<60.50
VS-115-3'	1/19/2018	<0.50	<10	<50	<60.50
VS-116-3'	1/19/2018	<0.50	**59**	**900**	**959**
VS-117-7.5'	1/19/2018	<0.50	<10	<50	<60.50
VS-118-3'	1/25/2018	<0.50	<9.9	<50	<60.40
VS-119-3'	1/25/2018	<0.50	9.2 J	**64**	**64**
VS-120-3'	1/25/2018	<0.50	<10	<50	<60.50
VS-121-4'	1/25/2018	<0.50	**50**	**130**	**180**
VS-122-3.5'	1/25/2018	<0.50	<10	<50	<60.50
VS-123-3'	1/25/2018	<0.50	<9.9	<50	<60.40
VS-124-3'	1/25/2018	<0.50	<10	<50	<60.50
VS-125-5'	1/25/2018	<0.50	<9.9	<50	<60.40
VS-126-3'	1/25/2018	<0.50	<9.9	<50	<60.40
VS-127-2'	1/25/2018	<0.50	<10	<50	<60.50
VS-128-5'	1/25/2018	<0.50	<10	<50	<60.50
VS-129-2'	1/25/2018	<0.50	<10	<50	<60.50
VS-130-3'	1/25/2018	<0.50	<10	<50	<60.50
VS-131-5'	1/25/2018	<0.50	<9.9	<50	<60.40
VS-132-2'	1/25/2018	<0.50	<10	<50	<60.50
VS-133-2.5'	1/25/2018	<0.50	<10	<50	<60.50
VS-134-4'	1/25/2018	<0.50	<10	<50	<60.50
VS-135-5'	1/25/2018	<0.49	<10	<50	<60.49
VS-136-3.5'	1/25/2018	<0.50	<9.9	<50	<60.40
VS-137-4.5'	1/25/2018	<0.50	<10	<50	<60.50
VS-138-3.5'	1/25/2018	<0.50	**12**	<50	**12**
VS-139-5.5'	1/25/2018	<0.50	**650**	**2,400**	**3,050**
VS-139R-8.5'	1/31/2018	<0.49	<10	<50	<60.49
VS-140-5'	1/25/2018	<0.50	<10	<50	<60.50
VS-141-4'	1/25/2018	<0.50	<9.9	<50	<60.40
VS-142-6'	1/25/2018	<0.50	<9.9	<50	<60.40
VS-143-4'	1/25/2018	<0.50	**15**	**160**	**175**
VS-144-3'	1/25/2018	<0.51	**24**	**210**	**234**
VS-145-3'	1/25/2018	<0.49	<9.9	<50	<60.39
VS-146-7.5'	1/25/2018	<0.50	**100**	**1,800**	**1,900**
VS-147-5'	1/25/2018	<0.50	<9.9	<50	<60.40

Table 3
Summary of Verification Soil Sample Analytical Results
TPH
Former Orcutt Refinery, 1550 West Stowell Road
Santa Maria, Santa Barbara County, California

Sample ID	Date Collected	TPH C_4-C_{12}	TPH C_{13}-C_{22}	TPH C_{23}-C_{40}	TPH C_4-C_{40}*
VS-148-4'	1/25/2018	<0.50	<9.9	<50	<60.40
VS-149-3.5'	1/25/2018	<0.50	<10	<50	<60.50
VS-150-4'	1/25/2018	<0.50	<10	<50	<60.50
VS-151-3'	1/25/2018	<0.50	<10	42 J	<60.50
VS-152-5'	1/25/2018	<0.50	<10	<50	<60.50
VS-153-4'	1/25/2018	<0.50	<10	<50	<60.50
VS-154-4.5'	1/25/2018	<0.50	**72**	**520**	**592**
VS-155-3.5'	1/25/2018	<0.49	<10	<50	<60.49
VS-156-3.5'	1/25/2018	<0.50	<9.9	<50	<60.40
VS-157-6'	1/25/2018	<0.50	<10	<50	<60.50
VS-158-5.5'	1/25/2018	<0.50	<10	<50	<60.50
VS-159-4'	1/25/2018	<0.50	<10	<50	<60.50
VS-160-4'	1/25/2018	<0.50	<10	<50	<60.50
VS-161-2.5'	1/25/2018	<0.50	8.0 J	<50	<60.50
VS-162-5.5'	1/25/2018	<0.50	<10	<50	<60.50
VS-163-4.5'	1/25/2018	<0.50	**29**	**210**	**239**
VS-164-4'	1/25/2018	<0.50	<10	<50	<60.50
VS-165-4'	1/25/2018	<0.50	<10	<50	<60.50
VS-166-8.5'	1/31/2018	<0.50	**230**	**1,200**	**1,430**
VS-167-7.5'	1/31/2018	<0.50	**570**	**2,100**	**2,670**
VS-168-2'	2/1/2018	<0.49	<10	<50	<60.49
VS-169-4'	2/1/2018	<0.50	<10	<50	<60.50
VS-170-2.5'	2/1/2018	<0.49	<10	<50	<60.49
VS-171-3'	2/1/2018	<0.50	**170**	**940**	**1,110**
VS-172-4'	2/1/2018	<0.49	8.1 J	<50	<60.49
VS-173-2.5'	2/1/2018	**2.4**	**5,600**	**12,000**	**17,602**
VS-174-3'	2/1/2018	<0.50	<10	<50	<60.50
VS-175-2.5'	2/1/2018	<0.50	<10	<50	<60.50
VS-176-4'	2/1/2018	<0.49	<10	<50	<60.49
VS-177-3'	2/1/2018	<0.48	<9.9	<50	<60.38
VS-178-3.5'	2/1/2018	<0.50	**2,500**	**6,400**	**8,900**
VS-179-7'	2/1/2018	<0.50	<10	<50	<60.50
VS-180-2'	2/1/2018	<0.49	**50**	**270**	**320**
VS-181-5.5'	2/1/2018	<0.49	<10	<50	<60.49
VS-182-1'	2/1/2018	<0.49	<10	<50	<60.49
VS-183-2'	2/1/2018	<0.49	<10	**89**	**89**
VS-184-1.5'	2/1/2018	<0.49	<10	<50	<60.49
VS-185-2'	2/1/2018	<0.49	<10	<50	<60.49

Table 3
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TPH
Former Orcutt Refinery, 1550 West Stowell Road
Santa Maria, Santa Barbara County, California

Sample ID	Date Collected	TPH C_4-C_{12}	TPH C_{13}-C_{22}	TPH C_{23}-C_{40}	TPH C_4-C_{40}*
VS-186-5'	2/1/2018	<0.50	<10	<50	<60.50
VS-187-1.5'	2/1/2018	<0.49	<10	<50	<60.49
VS-188-1.5'	2/1/2018	<0.50	**600**	**3,100**	**3,700**
VS-189-13'	2/1/2018	<0.50	<10	<50	<60.50
VS-190-7'	2/1/2018	<0.50	<10	<50	<60.50
VS-191-4'	2/1/2018	<0.48	**700**	**4,000**	**4,700**
VS-192-6'	2/1/2018	<0.49	<10	<50	<60.49
VS-193-7.5'	2/7/2018	<0.51	**240**	**1,000**	**1,240**
VS-194-5.5'	2/7/2018	<0.49	<10	<50	<60.49
VS-195-5'	2/7/2018	<0.49	<10	<50	<60.49
VS-196-9'	2/7/2018	<0.51	**56**	**390**	**446**
VS-197-8'	2/7/2018	<0.49	<20	<100	<120.49
VS-198-7'	2/7/2018	<0.50	<10	<50	<60.50
VS-199-5'	2/7/2018	<0.50	<10	<50	<60.50
VS-200-5.5'	2/7/2018	<0.50	<10	<50	<60.50
VS-201-3.5'	2/7/2018	<0.50	<10	<50	<60.50
VS-202-4'	2/7/2018	<0.50	<10	<50	<60.50
VS-203-3'	2/16/2018	<0.50	<10	<50	<60.50
VS-204-3'	2/16/2018	<0.50	**61**	**310**	**371**
VS-205-9'	2/16/2018	<0.50	**16**	**55**	**71**
VS-206-4'	2/16/2018	<0.50	<10	<50	<60.50
VS-207-3.5'	2/16/2018	<0.50	<10	<50	<60.50
VS-208-3'	2/16/2018	<0.50	<10	<50	<60.50
VS-209-3.5'	2/16/2018	<0.50	<10	<50	<60.50
VS-210-3'	2/16/2018	<0.50	<10	<50	<60.50
VS-211-4.5'	2/16/2018	<0.51	<9.9	<50	<60.41
VS-212-7'	2/16/2018	<0.50	<10	<50	<60.50
VS-213-4'	2/16/2018	<0.51	<10	<50	<60.51
VS-214-3.5'	2/16/2018	<0.49	<10	<50	<60.49
VS-215-5.5'	2/16/2018	<0.50	8.9 J	<50	<60.50
VS-216-3'	2/16/2018	<0.49	**69**	**110**	**179**
VS-217-4.5'	2/16/2018	<0.49	<9.9	<50	<60.39
VS-218-3.5'	2/16/2018	<0.49	<9.9	<50	<60.39
VS-219-9'	2/16/2018	<0.50	<10	<50	<60.50
VS-220-2.5'	2/16/2018	<0.49	<10	<50	<60.49
VS-221-4'	2/16/2018	<0.50	<10	<50	<60.50
VS-222-7'	2/16/2018	<0.50	**250**	**1,500**	**1,750**
VS-223-3'	2/16/2018	<0.50	<10	<50	<60.50

Table 3
Summary of Verification Soil Sample Analytical Results
TPH
Former Orcutt Refinery, 1550 West Stowell Road
Santa Maria, Santa Barbara County, California

Sample ID	Date Collected	TPH C_4-C_{12}	TPH C_{13}-C_{22}	TPH C_{23}-C_{40}	TPH C_4-C_{40}*
VS-224-3'	2/16/2018	<0.50	**370**	**1,300**	**1,670**
VS-224R-3'	2/21/2018	<0.50	**410**	**1,800**	**2,210**
VS-224R2-3.5'	2/23/2018	<0.50	**200**	**860**	**1,060**
VS-224R3-3.5'	2/28/2018	<0.50	<9.9	<50	<60.40
VS-225-4'	2/16/2018	<0.49	<10	<50	<60.49
VS-226-4.5'	2/16/2018	<0.49	<10	<50	<60.49
VS-227-7'	2/16/2018	<0.50	<10	<50	<60.50
VS-228-7'	2/16/2018	<0.50	**310**	**680**	**990**
VS-229-6'	2/16/2018	<0.50	<9.9	<50	<60.40
VS-230-4'	2/16/2018	<0.50	**18**	45 J	**18**
VS-231-4.5'	2/16/2018	<0.50	<10	<50	<60.50
VS-232-7'	2/16/2018	<0.50	<9.9	<50	<60.40
VS-233-3'	2/16/2018	<0.50	**640**	**980**	**1,620**
VS-233R-3'	2/21/2018	<0.50	<10	<50	<60.50
VS-234-7.5'	2/16/2018	<0.50	**730**	**1,500**	**2,230**
VS-235-5'	2/16/2018	<0.49	**160**	**560**	**720**
VS-236-6'	2/16/2018	<0.49	<10	<50	<60.49
VS-237-3'	2/16/2018	<0.50	**200**	**560**	**760**
VS-238-3'	2/16/2018	<0.48	**63**	**230**	**293**
VS-239-3'	2/16/2018	<0.50	**36**	**73**	**109**
VS-240-8.5'	2/16/2018	<0.50	**140**	**630**	**770**
VS-241-5.5'	2/16/2018	<0.49	**93**	**300**	**393**
VS-242-5'	2/16/2018	<0.50	**94**	**340**	**434**

ESL / CLEANUP GOAL	100	230	5,100	1,000

Notes:
All results in milligrams per kilogram (mg/kg).
<10 = not indicated at or above the method reporting limit.
TPH = total petroleum hydrocarbons.
* = Sum of the three specified TPH carbon ranges (C_4-C_{12}, C_{13}-C_{22}, and C_{23}-C_{40}).
Sum of TPH does not include J flag (estimated) results.
ESL = California Regional Water Quality Control Board, San Fransisco Bay Region, Environmental Screening Levels (Tier 1 Values, February 2016).
100 = Bold type denotes indicated concentration.
2,000 = Bold type with highlighted concentration is equal to or greater than the ESL/Cleanup Goal.
J = Estimated value; result is below the method reporting limit and above the method detection limit.

WEST STOWELL ROAD

AOC 16

AOC 13

ISLAND

AOC 12

AOC 11

AREA 1

AOC 2

AOC 1

OVERLAPPING EXCAVATIONS

AOC 1 (south)

TR5A

TR5B

APN: 117-820-015
1550 W. STOWELL ROAD

AOC 3

TR4E

AREA 5

AOC 4

AOC 10

AREA 8

AREA 2

AOC 9

TR11A

AOC 5

TR11B

HA-51

AOC 8

AOC 7

TR11C

TRENCH

TR12B

ASPHALT

QB-SB/TP78

QB-SB/TP97

AOC 6

AREA 3

AOC 14

AREA 7

TRENCH

AOC 14 (south)

OVERLAPPING EXCAVATIONS

AREA 4

SANTA MARIA VALLEY RAILROAD

LEGEND

- APN PROPERTY BOUNDARY
- APPROXIMATE EXTENT OF REMEDIAL EXCAVATION (PADRE 2017)
- APPROXIMATE EXTENT OF REMEDIAL EXCAVATION (STANTEC 2014)
- CONVENTIONAL ASPHALT LAYER LEFT IN-PLACE
- 190 POST EXCAVATION TOPOGRAPHIC CONTOUR LINE

N

NOTES:

1. BASE MAP PROVIDED BY STANTEC.
2. EXTENT OF REMEDIAL EXCAVATION AND VERIFICATION SAMPLE LOCATIONS WERE SURVEYED BY CANNON ENGINEERING ON FEBRUARY 5, 2018 AND MARCH 9, 2018.
3. TPH = TOTAL PETROLEUM HYDROCARBON
4. mg/kg = MILLIGRAMS PER KILOGRAM

0 120 240

SCALE IN FEET

padre associates, inc.
ENGINEERS, GEOLOGISTS & ENVIRONMENTAL SCIENTISTS

PROJECT NAME: Former Orcutt Refinery
1550 West Stowell Road
Santa Maria,
Santa Barbara County, California

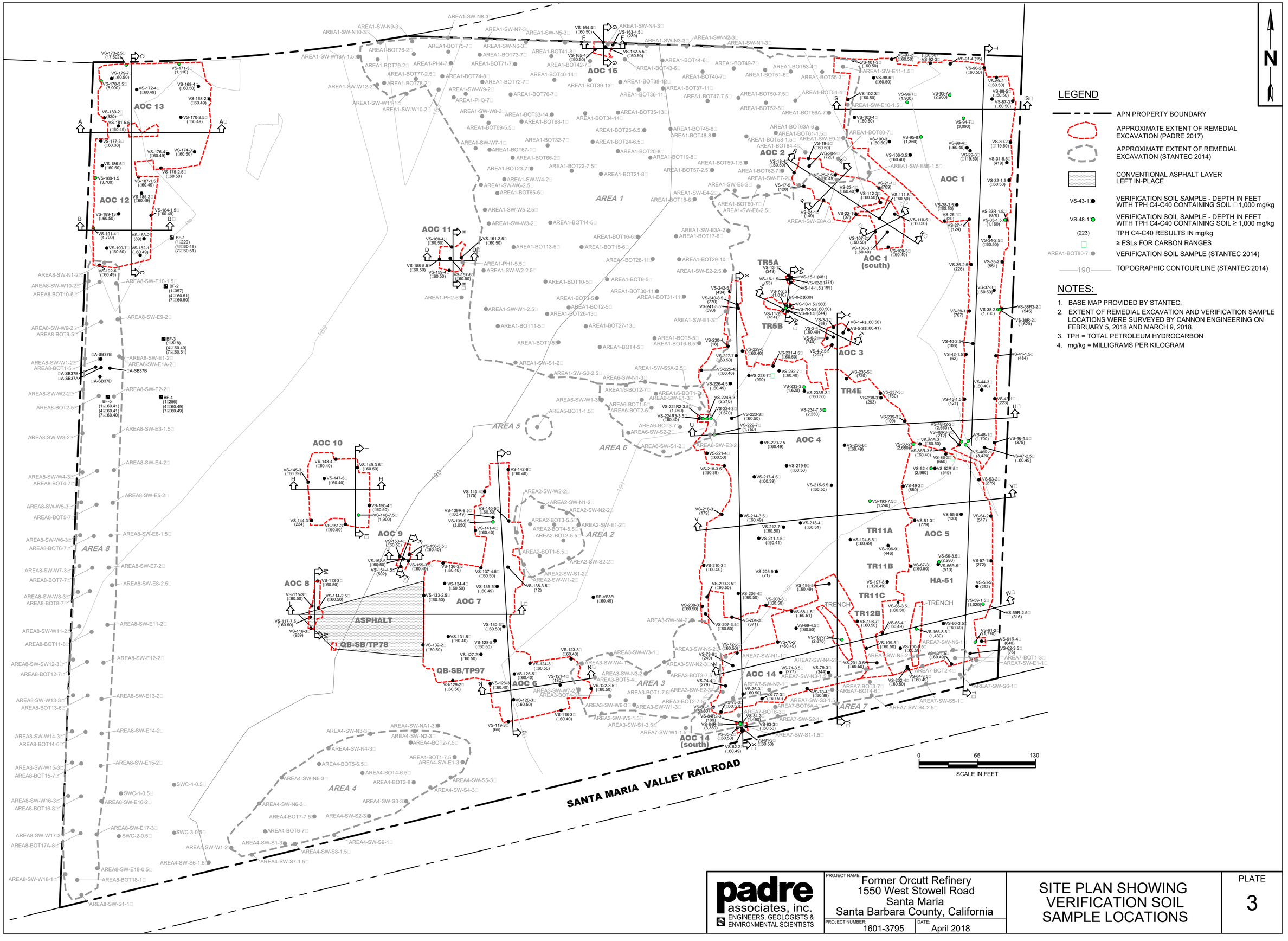
PROJECT NUMBER: 1601-3795

DATE: April 2018

SITE PLAN

PLATE 2

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padre associates, inc.
ENGINEERS, GEOLOGISTS & ENVIRONMENTAL SCIENTISTS

PROJECT NAME: Former Orcutt Refinery
1550 West Stowell Road
Santa Maria
Santa Barbara County, California

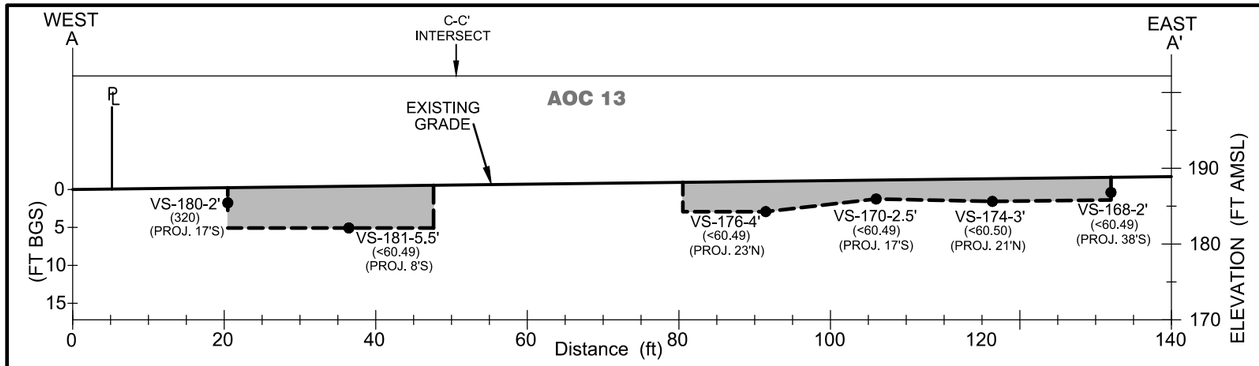
PROJECT NUMBER: 1601-3795

DATE: April 2018

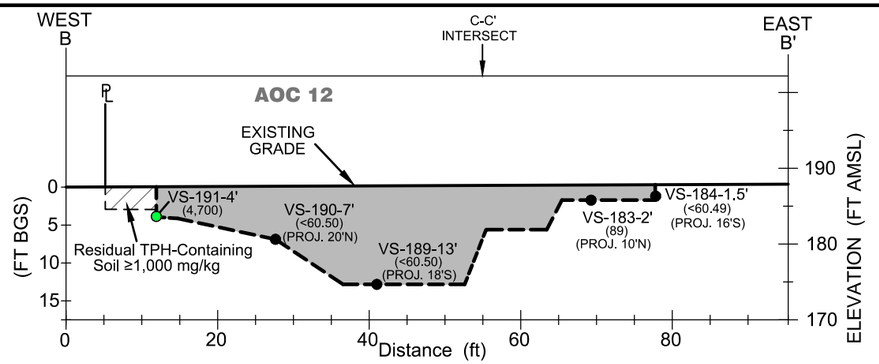
SITE PLAN SHOWING VERIFICATION SOIL SAMPLE LOCATIONS

PLATE 3

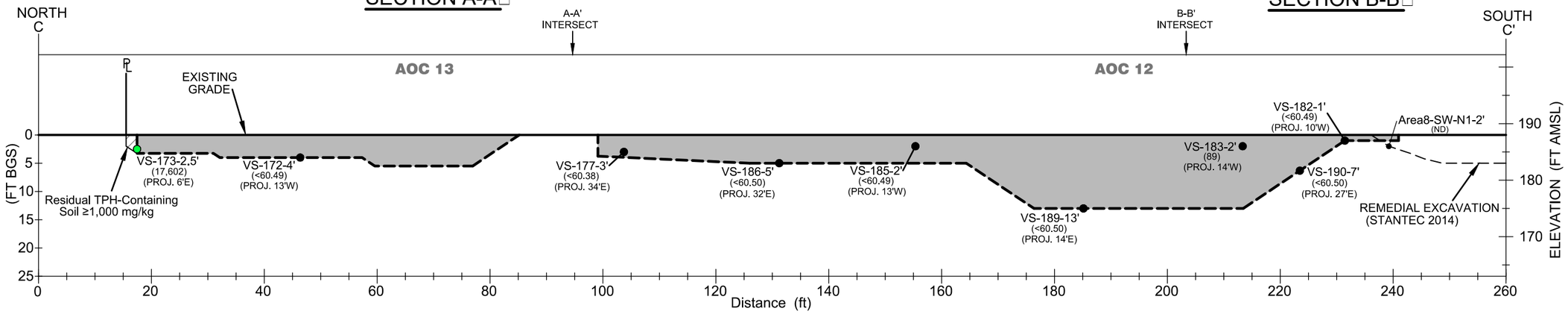
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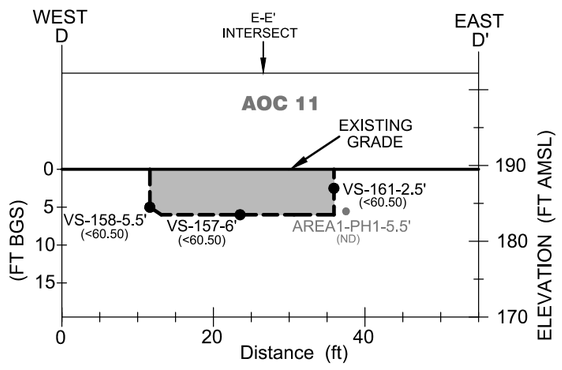
SECTION A-A



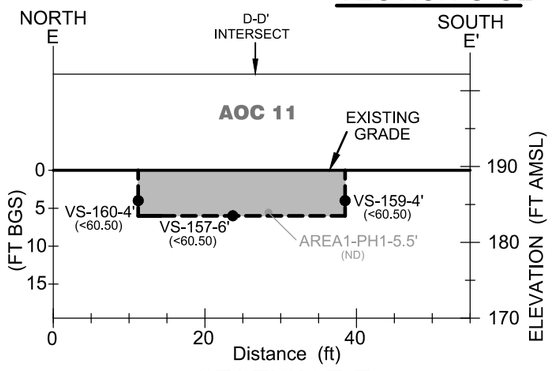
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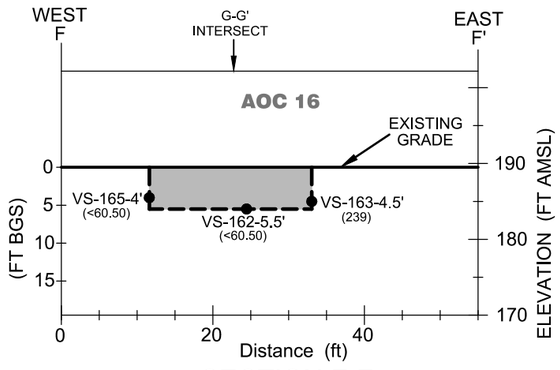
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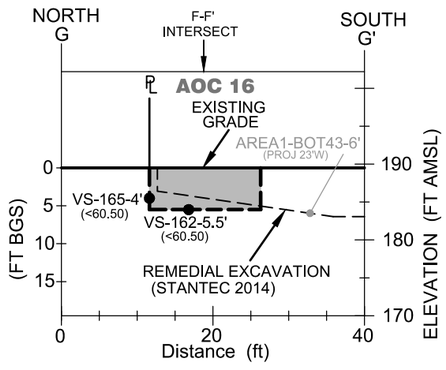
SECTION D-D



SECTION E-E



SECTION F-F



SECTION G-G

LEGEND

- APPROXIMATE EXTENT OF REMEDIAL EXCAVATION (PADRE 2017)
- APPROXIMATE EXTENT OF REMEDIAL EXCAVATION (STANTEC 2014)
- EXCAVATION AREA
- VS-43-1 ● — VERIFICATION SOIL SAMPLE - DEPTH IN FEET WITH TPH C4-C40 CONTAINING SOIL □1,000 mg/kg
- VS-48-1 ● — VERIFICATION SOIL SAMPLE - DEPTH IN FEET WITH TPH C4-C40 CONTAINING SOIL ≥ 1,000 mg/kg
- (223) — TPH C4-C40 RESULTS IN mg/kg
- (PROJ. 14'E) — SAMPLE PROJECTION IN FEET AND DIRECTION
- AREA1-BOT80-7' ● — VERIFICATION SOIL SAMPLE (STANTEC 2014)

NOTES:

1. EXTENT OF REMEDIAL EXCAVATION AND VERIFICATION SAMPLE LOCATIONS WERE SURVEYED BY CANNON ENGINEERING ON FEBRUARY 5, 2018 AND MARCH 9, 2018.
2. TPH = TOTAL PETROLEUM HYDROCARBON
3. mg/kg = MILLIGRAMS PER KILOGRAM
4. FT AMSL = ELEVATION IN FEET ABOVE MEAN SEA LEVEL
5. FT BGS = FEET BELOW GROUND SURFACE

0 20 40

VERTICAL SCALE: 1" = 20 FEET
HORIZONTAL SCALE: 1" = 20 FEET

padre associates, inc.
ENGINEERS, GEOLOGISTS & ENVIRONMENTAL SCIENTISTS

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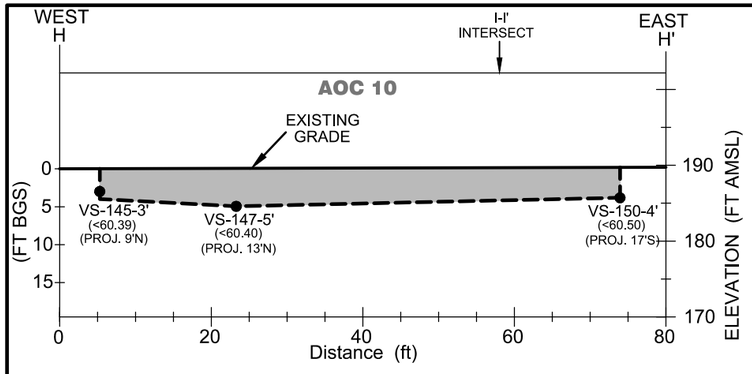
PROJECT NUMBER: 1601-3795

DATE: April 2018

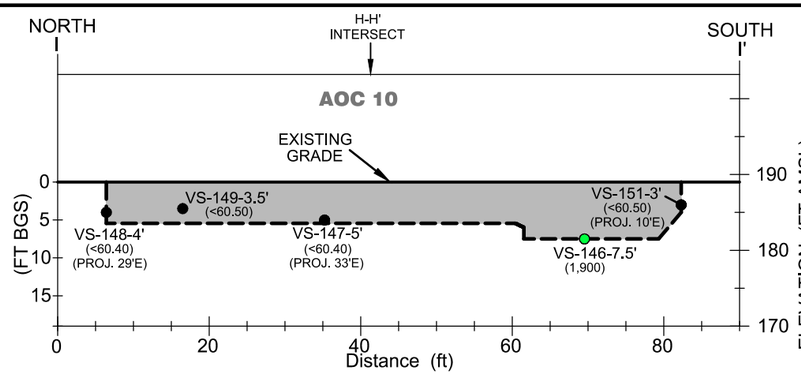
CROSS SECTIONS A-A□B-B□C-C□D-D□ E-E□F-F□& G-G□

PLATE 4

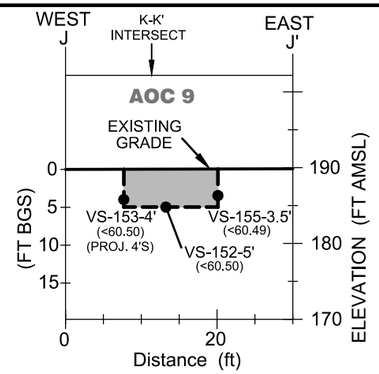
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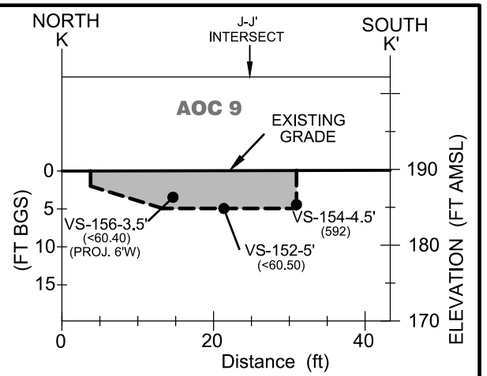
SECTION H-H□



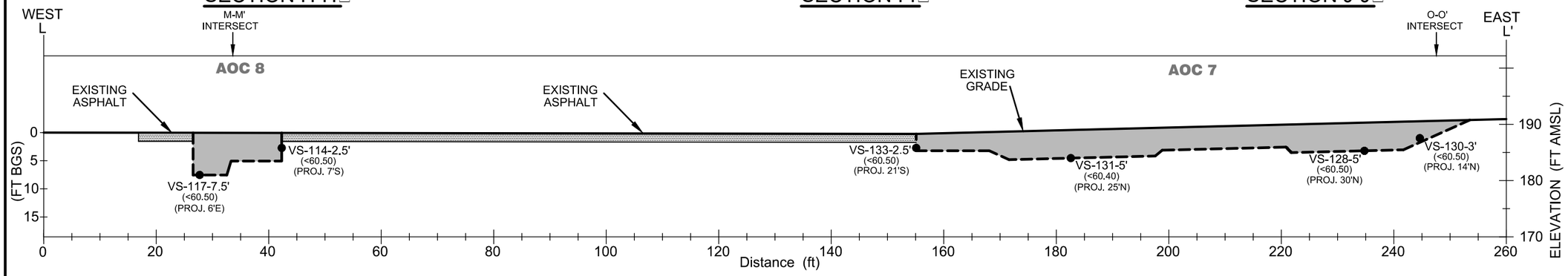
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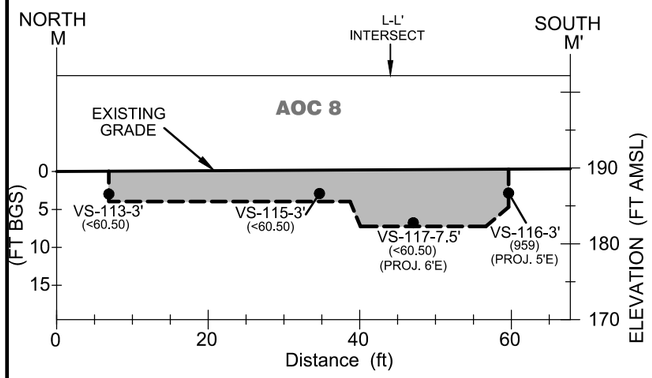
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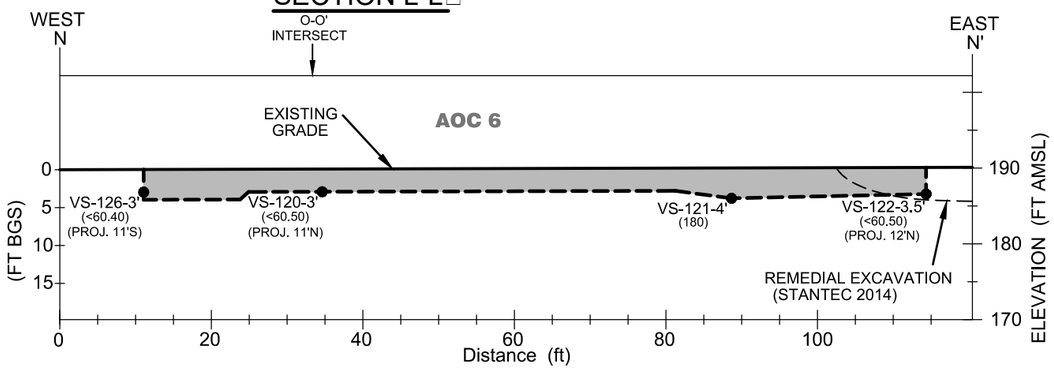
SECTION K-K□



SECTION L-L□



SECTION M-M□



SECTION N-N□

LEGEND

- APPROXIMATE EXTENT OF REMEDIAL EXCAVATION (PADRE 2017)
- APPROXIMATE EXTENT OF REMEDIAL EXCAVATION (STANTEC 2014)
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- (PROJ. 14□E) — SAMPLE PROJECTION IN FEET AND DIRECTION
- AREA1-BOT80-7□ — VERIFICATION SOIL SAMPLE (STANTEC 2014)
- CONVENTIONAL ASPHALT LAYER LEFT IN-PLACE

NOTES:

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5. FT BGS = FEET BELOW GROUND SURFACE

0 20 40

VERTICAL SCALE: 1" = 20 FEET
HORIZONTAL SCALE: 1" = 20 FEET

padre associates, inc.
ENGINEERS, GEOLOGISTS & ENVIRONMENTAL SCIENTISTS

PROJECT NAME: Former Orcutt Refinery
1550 West Stowell Road
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Santa Barbara County, California

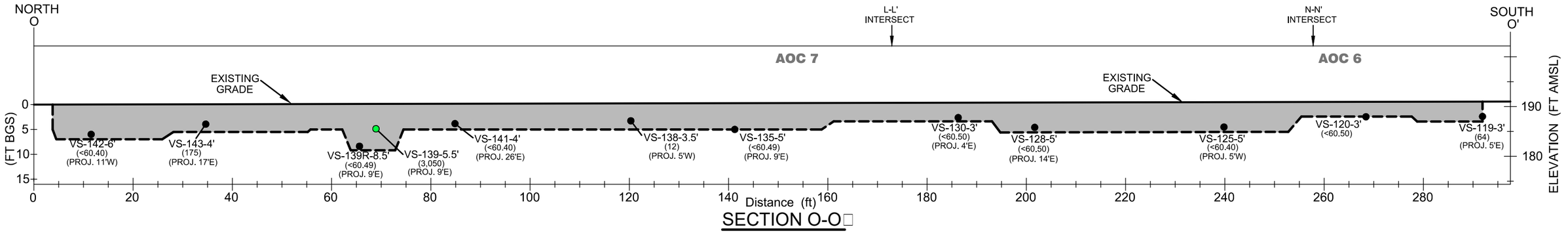
PROJECT NUMBER: 1601-3795

DATE: April 2018

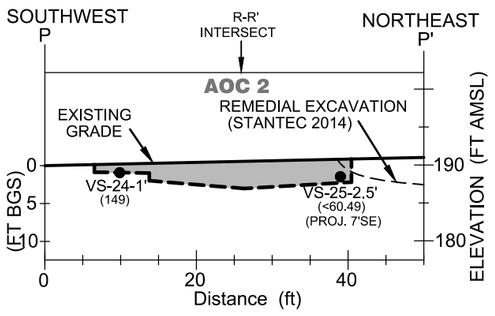
CROSS SECTIONS H-H□I-I□J-J□K-K□ L-L□M-M□& N-N□

PLATE 5

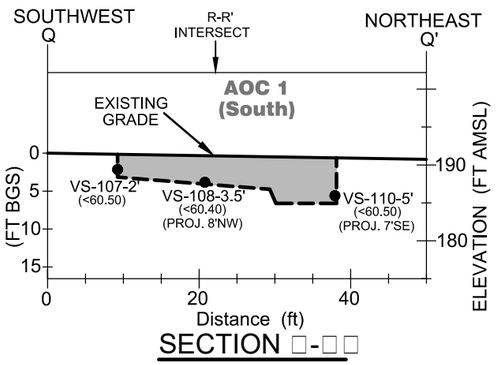
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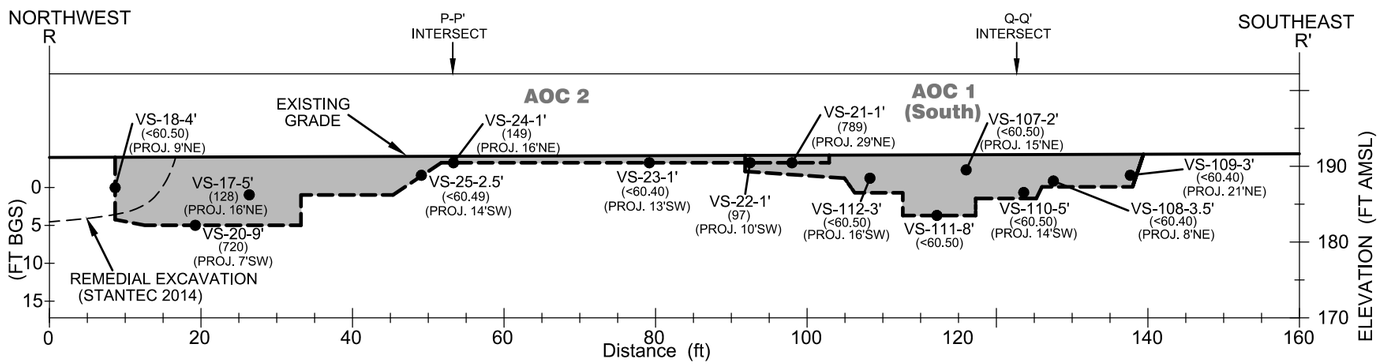
SECTION O-O□



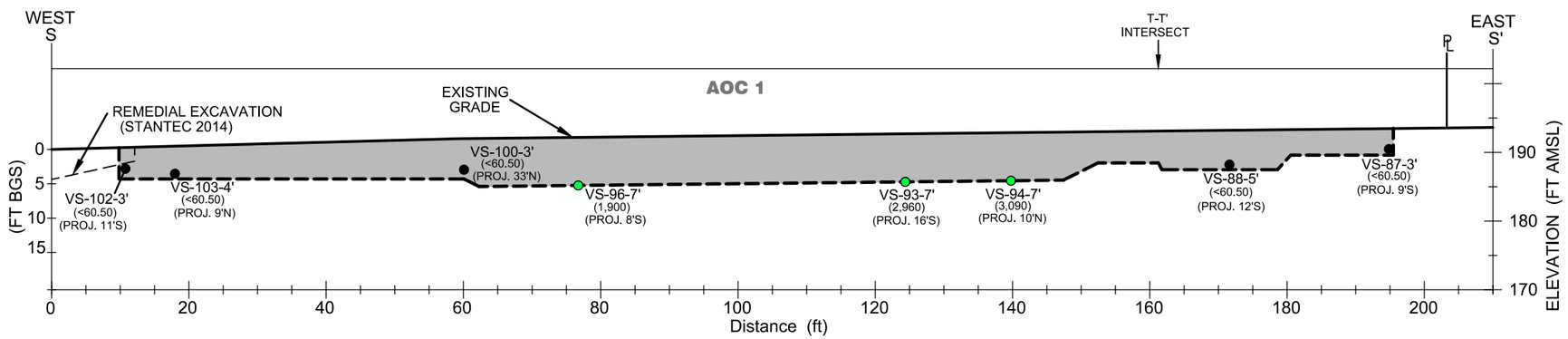
SECTION P-P□



SECTION □-□□



SECTION R-R□



SECTION S-S□

LEGEND

- APPROXIMATE EXTENT OF REMEDIAL EXCAVATION (PADRE 2017)
- APPROXIMATE EXTENT OF REMEDIAL EXCAVATION (STANTEC 2014)
- EXCAVATION AREA
- VS-43-1□ — VERIFICATION SOIL SAMPLE - DEPTH IN FEET WITH TPH C4-C40 CONTAINING SOIL □ 1,000 mg/kg
- VS-48-1□ — VERIFICATION SOIL SAMPLE - DEPTH IN FEET WITH TPH C4-C40 CONTAINING SOIL ≥ 1,000 mg/kg
- (223) — TPH C4-C40 RESULTS IN mg/kg
- (PROJ. 14□E) — SAMPLE PROJECTION IN FEET AND DIRECTION
- AREA1-BOT80-7□ — VERIFICATION SOIL SAMPLE (STANTEC 2014)

0 20 40

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HORIZONTAL SCALE: 1" = 20 FEET

NOTES:

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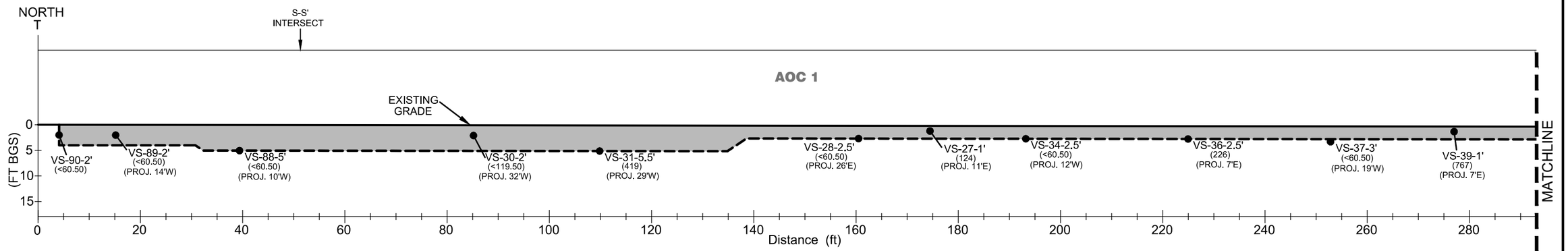
PROJECT NUMBER: 1601-3795

DATE: April 2018

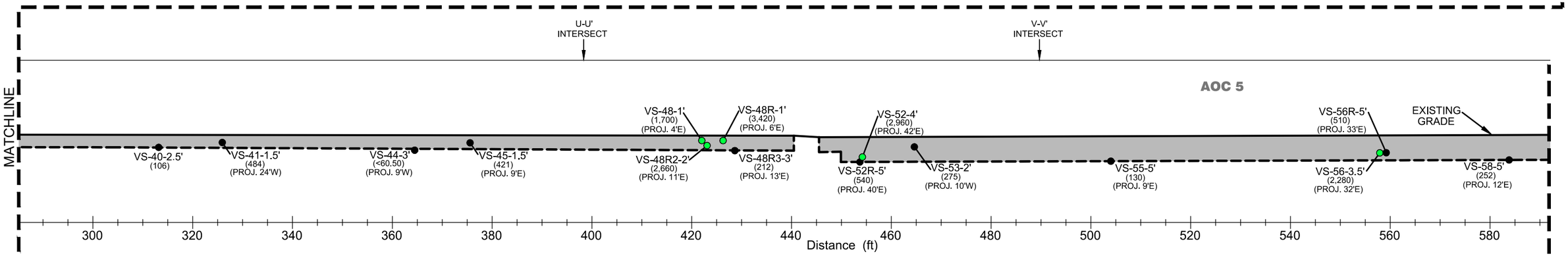
CROSS SECTIONS O-O□,P-P□,□-□□ R-R□,AND S-S□

PLATE 6

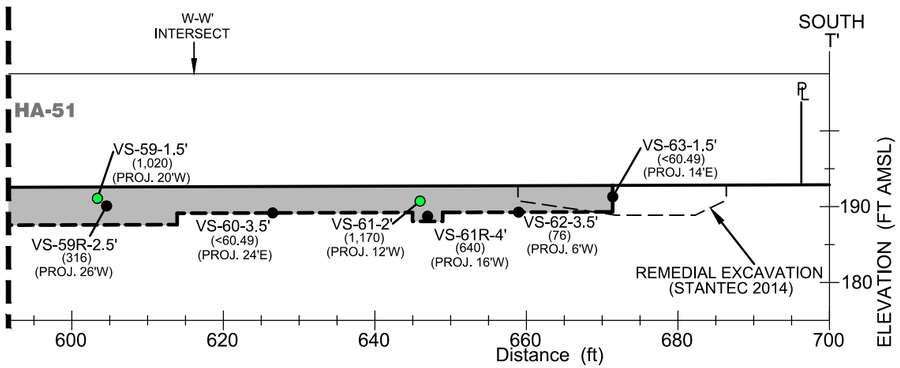
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SECTION T-T□



SECTION T-T□



LEGEND

- APPROXIMATE EXTENT OF REMEDIAL EXCAVATION (PADRE 2017)
- APPROXIMATE EXTENT OF REMEDIAL EXCAVATION (STANTEC 2014)
- EXCAVATION AREA
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- VS-48-1□ — VERIFICATION SOIL SAMPLE - DEPTH IN FEET WITH TPH C4-C40 CONTAINING SOIL ≥ 1,000 mg/kg
- (223) — TPH C4-C40 RESULTS IN mg/kg
- (PROJ. 14□E) — SAMPLE PROJECTION IN FEET AND DIRECTION
- AREA1-BOT80-7□ — VERIFICATION SOIL SAMPLE (STANTEC 2014)

NOTES:

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SECTION T-T□

0 20 40

VERTICAL SCALE: 1" = 20 FEET
HORIZONTAL SCALE: 1" = 20 FEET

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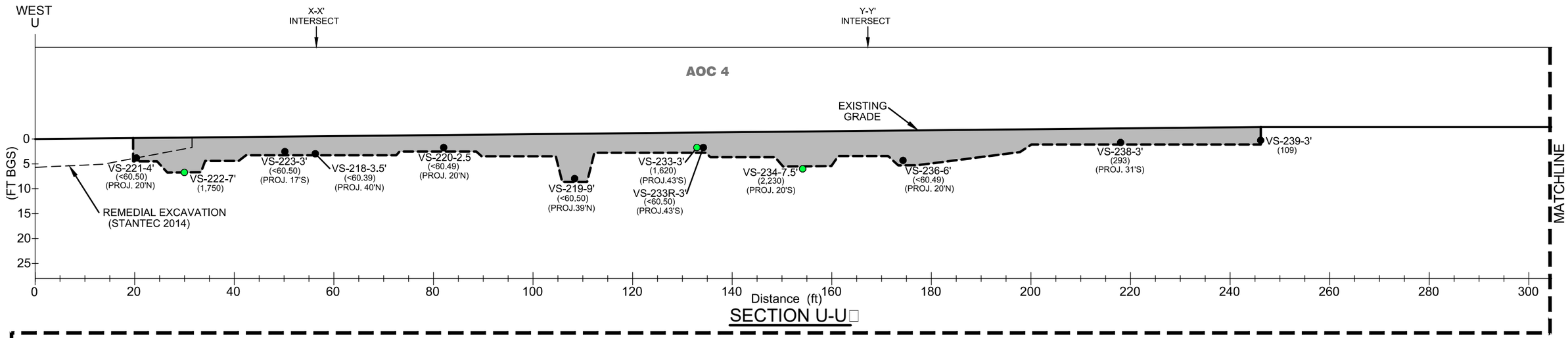
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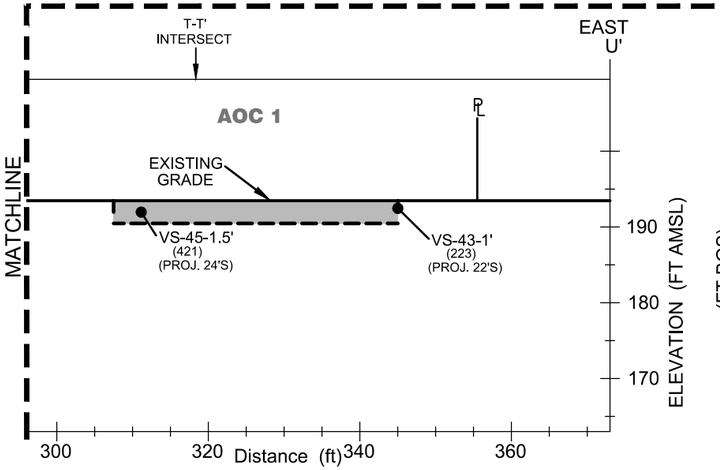
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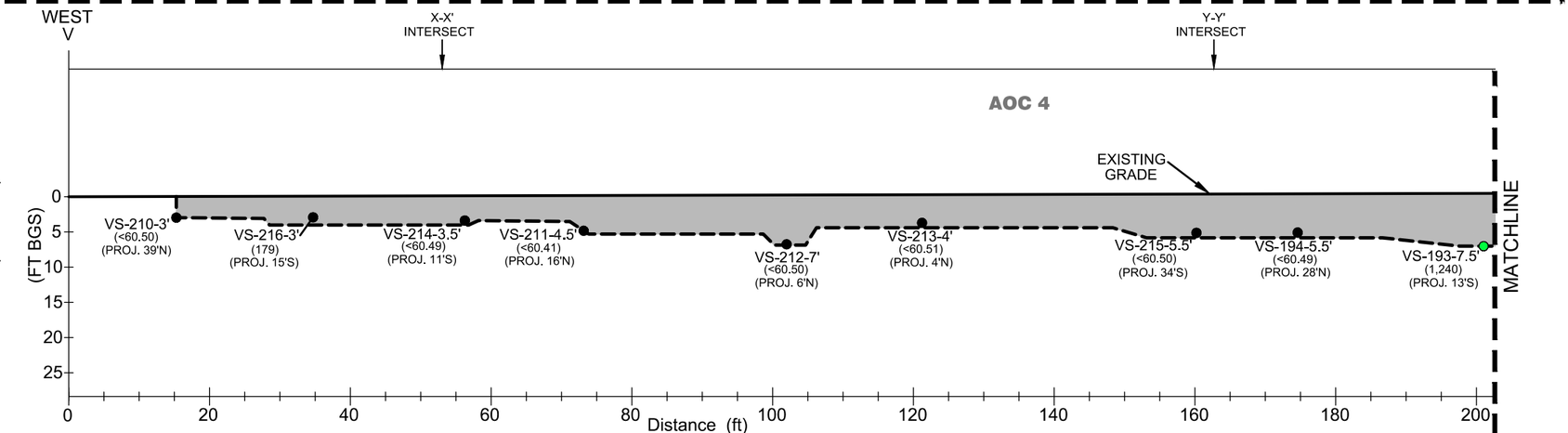
CROSS SECTION T-T□

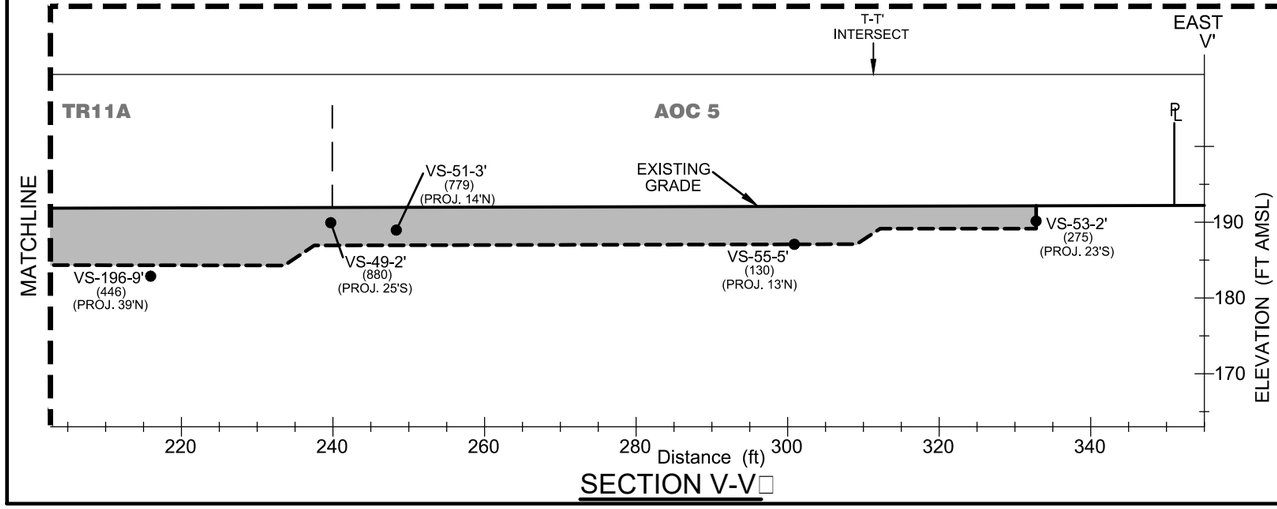
PLATE 7

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LEGEND

- APPROXIMATE EXTENT OF REMEDIAL EXCAVATION (PADRE 2017)
- APPROXIMATE EXTENT OF REMEDIAL EXCAVATION (STANTEC 2014)
- EXCAVATION AREA
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- (223) — TPH C4-C40 RESULTS IN mg/kg
- (PROJ. 14'E) — SAMPLE PROJECTION IN FEET AND DIRECTION
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0 20 40

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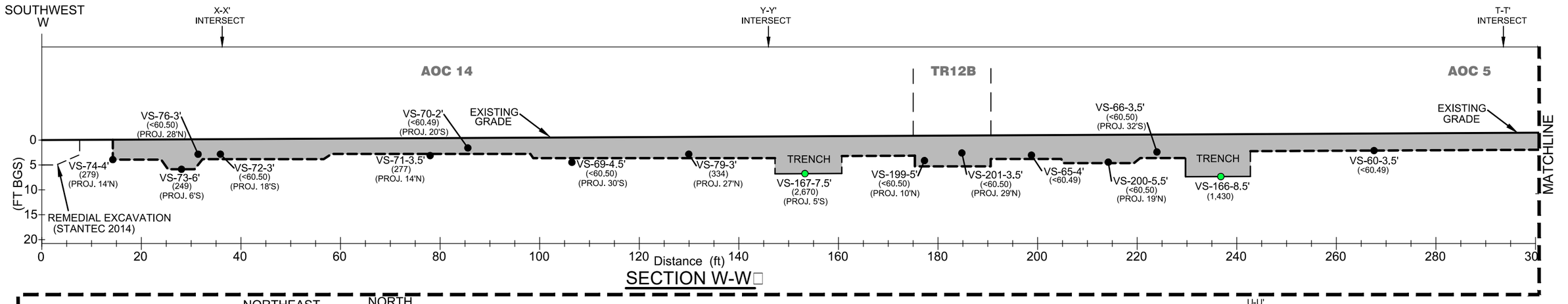
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DATE: April 2018

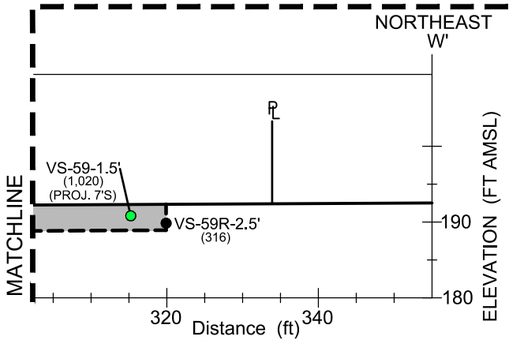
CROSS SECTIONS U-U□ AND V-V□

PLATE 8

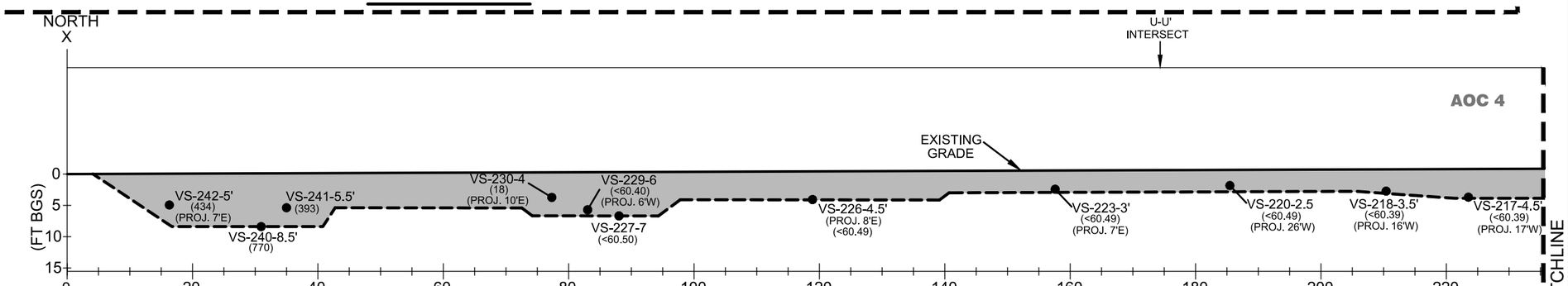
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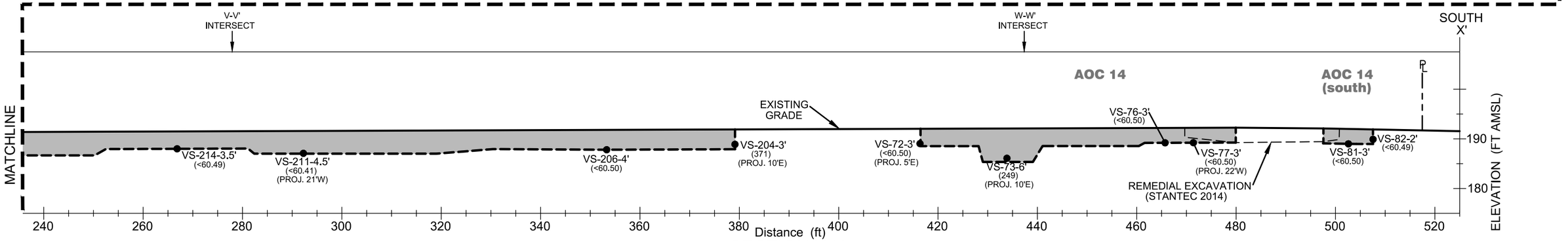
SECTION W-W□



SECTION W-W□



SECTION X-X□



SECTION X-X□

LEGEND

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- (PROJ. 14'E) SAMPLE PROJECTION IN FEET AND DIRECTION
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0 20 40

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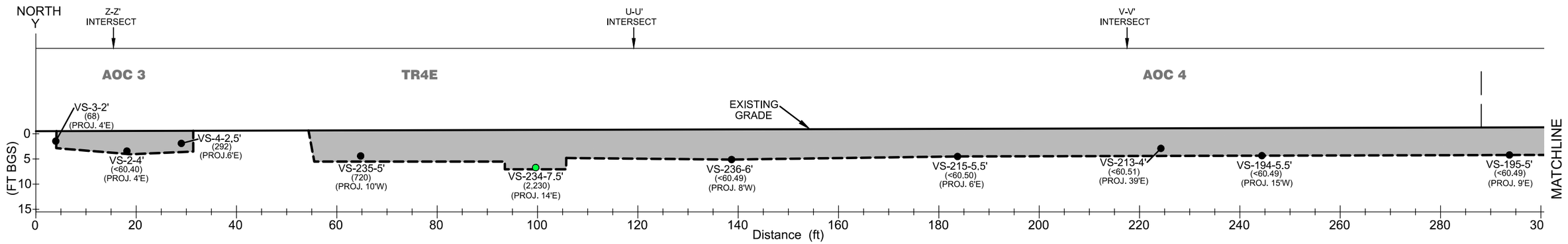
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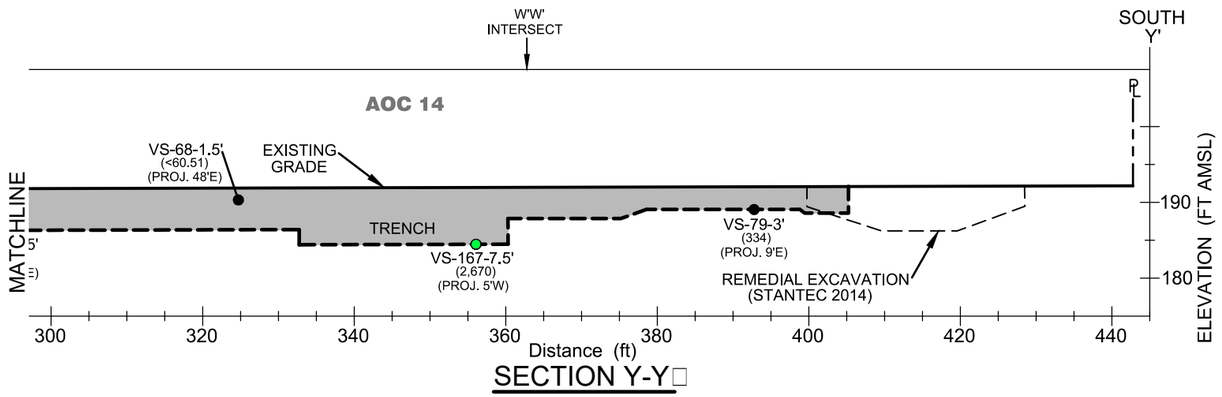
CROSS SECTIONS W-W□ AND X-X□

PLATE 9

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SECTION Y-Y□



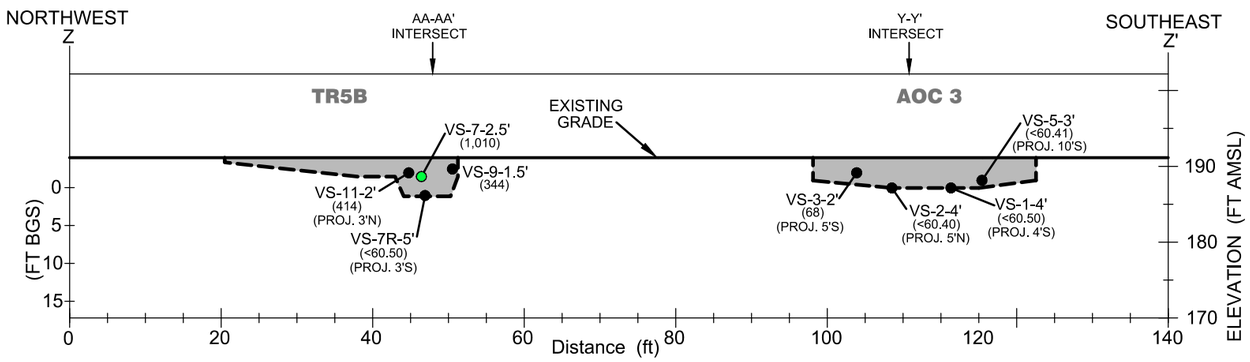
SECTION Y-Y□

LEGEND

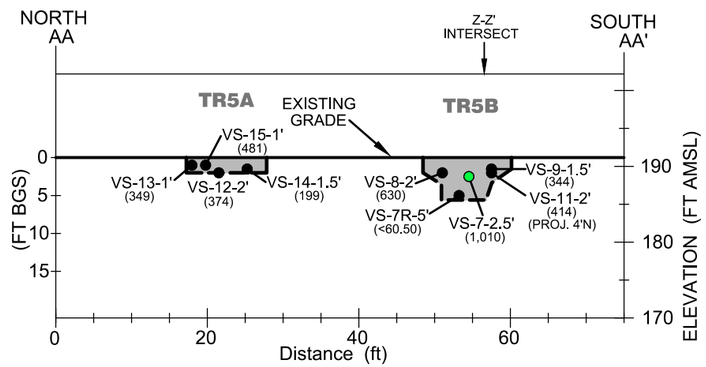
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- VS-48-1□ — VERIFICATION SOIL SAMPLE - DEPTH IN FEET WITH TPH C4-C40 CONTAINING SOIL ≥ 1,000 mg/kg
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SECTION Z-Z□



SECTION AA-AA□

0 20 40

VERTICAL SCALE: 1" = 20 FEET
HORIZONTAL SCALE: 1" = 20 FEET

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CROSS SECTIONS
Y-Y□,Z-Z□AND AA-AA□

PLATE
10

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