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December 1, 2017

To: Mark Detterman
Alameda County Department of Environmental Health
1131 Harbor Bay Parkway, Suite 250
Alameda, CA 94502

Ref. No.: 311806

From: Kiersten Hoey

GHD Tel: 510-420-3347

Subject: Former Chevron 93322 Oakland, Feasibility Study/Corrective Action Plan
RO#0000274

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1	Feasibility Study/Corrective Action Plan	43	1

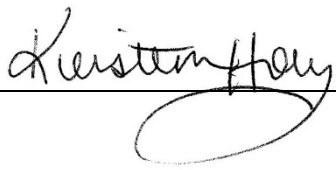
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Remarks:

Copy to: Mr. Dave Patten (electronic)
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Completed by: Kiersten Hoey
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Filing: Correspondence File



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Alameda County Environmental Health (ACEH)
1131 Harbor Bay Parkway, Suite 250
Alameda, CA 94502-6577

Re: Former Chevron Service Station No. 93322
7225 Bancroft Avenue
Oakland, California
Agency Case RO0000274

I have read and acknowledge the content, recommendations and/or conclusions contained in the attached *Feasibility Study/Corrective Action Plan* submitted on my behalf to ACDEH's FTP server and the SWRCB's GeoTracker website.

This letter is submitted pursuant to the requirements of California Water Code Section 13267(b)(1) and the regulating implementation entitled Appendix A pertaining thereto.

I declare under penalty of perjury that the foregoing is true and correct to the best of my knowledge

Sincerely,

A handwritten signature in black ink, appearing to read "D. Patten".

Dave Patten
Project Manager

Attachment: *Feasibility Study/Corrective Action Plan*



Feasibility Study/Corrective Action Plan

Former Chevron Service Station 93322

7225 Bancroft Avenue

Oakland, California

ACDEH Fuel Leak Case No. RO#0000274

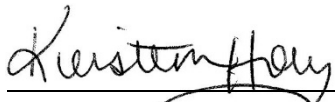
GHD | 5900 Hollis Street Suite A Emeryville California 94608

311806 | 2017.1 | 04.10 | Report No 43 | December 1, 2017



Feasibility Study/Corrective Action Plan

Former Chevron Service Station 93322
7225 Bancroft Avenue
Oakland, California
ACDEH Fuel Leak Case No. RO#0000274


Kiersten Hoey


Matthew Smith


Brandon S Wilken, PG





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1. Introduction

GHD is submitting this *Feasibility Study and Corrective Action Plan (FS/CAP)* for the site referenced above (Figure 1) on behalf of Chevron Environmental Management Company (CEMC). In a letter dated August 16, 2017, Alameda County Department of Environmental Health (ACDEH) requested a FS/CAP to address secondary source / residual petroleum hydrocarbons in deeper soils beneath the central dispenser area (SB-13) that continues to supply dissolved hydrocarbon concentrations detected in wells MW-1 and MW-7 (Appendix A). Site background, hydrocarbon distribution, and FS/CAP are discussed herein.

2. Site Background

2.1 Site Description

The site is an active Valero branded service station located at the northwest corner of Bancroft Avenue and 73rd Avenue in Oakland, California (Figure 1). The station's current configuration has been unchanged since approximately 1987 and consists of three 10,000-gallon USTs, five dispenser islands, a small station building, and an additional building housing restrooms and/or storage. Surrounding land use is mixed residential and commercial, with residences to the north and west, and a Church's Chicken Restaurant and residences to the south. Eastmont Mall and a former Union 76 branded service station are located across Bancroft Avenue to the east (ACEH Case Number 0356, former BP service station).

Sanborn maps and historical aerial photographs indicate the same station configuration from initial construction in the 1960s to at least 1986. A 1987 historical aerial photograph shows the current station configuration; therefore, sometime between 1981 and 1987 the current station configuration was constructed. In 1996, Chevron upgraded the dispensers and product piping. Chevron records indicate the current USTs were installed in 1981. In 1981, no regulations existed that required soil or groundwater sampling to document conditions associated with the fuel system. These tanks represent at least the second generation of USTs at the site. As indicated by a 1976 as built site plan, the previous station configuration consisted of one 2,000 gallon, one 5,000 gallon, one 7,500 gallon USTs (located in the location of the current USTs), two dispenser islands (located on the east side of the site), and a station building. Historical and current station facilities are illustrated on Figure 2.

2.2 Previous Environmental Assessment and Remediation

The site has been an open environmental case since 1996 under ACDEH jurisdiction (Fuel Leak Case Number RO0000274 and GeoTracker Global ID T0600102079). To date, a total of 12 monitoring wells have been installed, 12 soil borings have been advanced, 4 soil vapor probes have been installed, and 12 soil confirmatory samples from beneath the product piping have been collected (Figure 2). Groundwater monitoring and sampling has been ongoing since 1998. Remedial activities have included over-excavation of soil during product piping removal and replacement, surfactant injection and extraction, and an absorbent sock has been installed in well



MW-1. A summary of previous environmental investigation and remediation is included in Appendix B.

2.3 Site Geology

The site is located within the Oakland sub-area of the East Bay Plain groundwater basin.¹ This basin encompasses approximately 115 square miles and is bounded by San Pablo Bay to the north, Alameda County to the south, the Hayward Fault to the east, and the San Francisco Bay to the west. The Oakland sub-area contains a sequence of alluvial fans. The alluvial fill thickness ranges from 300 to 700 feet deep.

The site is underlain primarily by interbedded clay, silt, and gravel. Fine grained materials consisting of clay to sandy clay exist between the surface and 11 to 15 fbg. Clayey gravel grading to sandy gravel underlies the clay layer to the maximum depth explored of 36.5 fbg. A five-foot thick silt layer was observed from 20 to 25 fbg along the northwestern area of the property during installation of wells MW-3 through MW-6. Geologic cross sections are included as Figures 3 and 4.

2.4 Site Hydrogeology

The site is located in the East Bay Plain Subbasin of the Santa Clara Groundwater Basin. The cumulative aquifer thickness in the vicinity is approximately 1,000 feet, consisting of unconsolidated sediments². Groundwater in the region has been designated as potentially beneficial for commercial, industrial, and residential uses.³ The site elevation is approximately 37 feet above mean sea level. Topography is relatively flat and slopes gradually towards the San Francisco Bay, approximately 2 miles to the west. Depth to groundwater historically ranges on an average from approximately 10 to 20 fbg. Groundwater flows predominantly to the northwest. The closest surface body is Arroyo Viejo creek located approximately 0.25 miles to the southeast.

2.5 Release History

Potential sources of petroleum hydrocarbons at the site are the 1981 (or earlier) former dispenser islands based on hydrocarbons detected in SB-13 and well MW-1, and the adjacent existing central dispenser island based on the 1996 soil confirmation samples collected during a piping upgrade. Based on concentrations detected in MW-2, MW-12, and SB-9, the former USTs are also a potential source of petroleum hydrocarbons

3. Petroleum Hydrocarbon Distribution

Primary constituents of concern (COC) at the site are total petroleum hydrocarbons as gasoline (TPHg) and benzene. Methyl tertiary butyl ether (MTBE) is not a primary COC because dissolved

¹ *East Bay Plain Groundwater Basin Beneficial Use Evaluation Report*, Alameda and Contra Costa Counties, CA prepared by the California Regional Water Quality Control Board San Francisco Bay, August 4, 1999

² State of California Department of Water Resources, California's Groundwater Bulletin 118, February 27, 2004

³ California Regional Water Quality Control Board San Francisco Bay Region (RWQCB-SF), Water Quality Control Plan (Basin Plan) for the San Francisco Bay Basin, January 18, 2007, Table 2-2 Existing and Potential Beneficial Uses in Groundwater in Identified Basins.



concentrations have decreased to low levels (maximum concentrations currently detected is 44 micrograms per liter ($\mu\text{g/L}$), and residual MTBE in soil is minimal. Presented below are the petroleum hydrocarbon distributions in soil, groundwater, and soil vapor.

3.1 Petroleum Hydrocarbon Distribution in Soil

Hydrocarbons in soil are located primarily in saturated soil between 20 and 30 fbg. The maximum concentrations of 4,400 milligrams per kilogram (mg/kg) TPHg and 16 mg/kg benzene were detected in SB-13, located adjacent to MW-1 and the first generation dispenser islands. In the southern portion of the site downgradient of the current and previous USTs (MW-12 and SB-9) the maximum concentrations are 830 mg/kg TPHg and 0.14 mg/kg benzene. Hydrocarbons were also detected at concentrations up to 500 mg/kg TPHg and 4.2 mg/kg benzene in second generation piping trench samples P6, P7, and P8, which are also adjacent to the western first generation dispenser. The horizontal and vertical distribution of TPHg and benzene in soil are illustrated on cross sections Figures 3 and 4 and the soil distribution maps on Figures 5 through 12.

This site is an active service station, and therefore data is compared to Low-Threat Underground Storage Tank Case Closure Policy (LTCP) commercial criteria. Of the 37 soil samples collected onsite between 0 and 5 fbg and the 21 soil samples collected onsite between 5 and 10 fbg, no hydrocarbon concentrations exceed the LTCP Table 1⁴ criteria for direct exposure on a commercial property, volatilization to outdoor air on a commercial property, or for direct exposure risk for utility workers (Table 3.1 below). Thirty soil samples collected across the site were analyzed for naphthalene, including three from SB-13 located approximately eight feet from product line sample P6.; however, to analyze for naphthalene and poly aromatic hydrocarbons (PAHs) beneath the canopy, a soil boring will be advanced to 10 fbg near samples P6, P7, and P8. The boring will be advanced during remediation well installations.

Furthermore, none of the six soil samples collected between 0 to 10 fbg from VP-1, VP-2, and VP-3, located along the downgradient property line adjacent to the residences, contained benzene or ethylbenzene concentrations exceeding the LTCP Table 1¹ residential criteria (Table 1). Cumulative soil analytical results are presented in Table 1.

⁴ State Water Control Board Resolution No. 2012-006, Low-Threat Underground Storage Tank Closure Policy (LTP), California State Water Resources Control Board, August 17, 2012.



Table 3.1 Concentrations of Petroleum Constituents in Soil That Will Have No Significant Risk of Adversely Affecting Human Health

Constituent	Residential		Commercial/ Industrial		Utility Worker	Maximum Concentration (sample location)	Maximum Concentration (sample location)
	0 – 5 fbg mg/kg	Volatilization to outdoor air 5 – 10 fbg mg/kg	0 – 5 fbg mg/kg	Volatilization to outdoor air 5 – 10 fbg mg/kg	0 – 10 fbg mg/kg	0 – 5 fbg mg/kg	>5-10 fbg mg/kg
Benzene	1.9	2.8	8.2	12	14	4.2 (P7)	0.016 (MW-7)
Ethylbenzene	21	32	89	134	314	7.3 (P6)	<0.005
Naphthalene	9.7	9.7	45	45	219	0.0031 (SB-12)	0.015 (SB-9)
PAH*	0.063	NE	0.68	NE	4.5	<0.10	<0.10

Notes:

mg/kg = Milligrams per kilogram

NE = Not Established

NA = Not Analyzed

* Based on the seven carcinogenic polynuclear aromatic hydrocarbons (PAHs) as benzo(a)pyrene toxicity equivalent [BaPe]. The PAH screening level is only applicable where soil is affected by either waste oil and/or Bunker C fuel.

3.2 Light Non-Aqueous Phase Liquid

Historically, light non-aqueous phase liquid (LNAPL) was observed in monitoring well MW-1 starting in June 1999, and was detected intermittently with a maximum thickness of 0.74 feet during subsequent monitoring and sampling events through 2007. On September 25, 2007, a surfactant enhanced LNAPL extraction event was conducted to remove LNAPL from well MW-1. No measurable LNAPL has been detected in MW-1 since November 2007, with the exception of 0.09 feet of LNAPL in September 2015 (Table 2).

3.3 Petroleum Hydrocarbon Distribution in Groundwater

Groundwater monitoring and sampling has been ongoing for 19 years since 1998. Currently, wells MW-2, MW-3, and MW-7 through MW-10 are sampled semi-annually, and wells MW-1, MW-4 through MW-6, MW-11, and MW-12 are sampled quarterly. Well MW-11 and MW-12 were recently installed. Well MW-12 has been sampled during one event, and well MW-11 has not been sampled due to a car parked over the well. The third quarter 2017 groundwater analytical results for TPHg, BTEX, and MTBE are summarized in Table 3.2 below. Cumulative groundwater monitoring and sampling data are presented in Table 2 and cumulative grab-groundwater analytical data are included in Table 3. Monitoring well construction details are included in Table 4.



Table 3.2 Hydrocarbon Concentrations in Groundwater - Third Quarter 2017

	TPHg	Benzene	Toluene	Ethylbenzene	Total Xylenes	MTBE
Well ID	Concentrations in micrograms per liter (µg/L)					
WQO	100	1	40	13	20	5
MW-1	110,000	14,000	6,700	2,700	12,000	44 J
MW-2 ^a	4,100	<1	<1	9	0.6 J	0.5 J
MW-3	10,000	560	29	210	110	26
MW-4	<100	<1	<1	<1	<1	<1
MW-5	<100	<1	<1	<1	<1	<1
MW-6	3,000	370	3 J	<5	6	3 J
MW-7 ^b	20,000	5,800	54	220	940	43
MW-8 ^a	1,700	170	2	3	4	8
MW-9 ^a	<100	<1	<1	<1	<1	9
MW-10 ^a	<100	<1	<1	<1	<1	<1
MW-11	Not Sampled – Car Parked Over Well					
MW-12	44,000	370	360	2,700	9,800	<10
bold	Concentrations detected at or above WQO					
WQO	Water Quality Objective (Regional Water Quality Control Board, San Francisco Bay Region (RWQCB), Screening for Environmental Concerns at Sites with Contaminated Soil and Groundwater, Interim Final 2016)					
--	No Analyzed					
J	Estimated value ≥ the Method Detection Limit (MDL or DL) and < the Limit of Quantitation (LOQ or RL)					
a	Sampled June 22, 2017					
b	Sampled December 29, 2016					

The residual dissolved-phase hydrocarbons in groundwater are primarily onsite with the highest concentrations detected in wells MW-1 and MW-7. The dissolved plumes are defined below laboratory reporting limits to the west by wells MW-9 and MW-10, to the north by wells MW-4 and MW-5, and to the southeast by grab-groundwater sample collected from SB-8 (Table 3). The distribution of dissolved TPHg, benzene, and MTBE are illustrated on Figures 13, 14, and 15.

3.3.1 Hydrocarbon Concentration Trends

Trend graphs for TPHg, benzene, and MTBE concentrations in wells MW-1, MW-2, MW-3, MW-6, MW-7, MW-8, and MW-9 are included in Appendix C. TPHg concentrations were historically highest in wells MW-1, MW-2, MW-3, MW-6, MW-7, and MW-12. Concentrations have decreased at least one order of magnitude in wells MW-2, MW-3, and MW-6; but have remained stable in wells MW-1 and MW-7. MW-12 has only been sampled during one event and therefore no trend can be established. Benzene concentrations were historically highest in wells MW-1, MW-3, MW-6, and MW-7. Concentrations have decreased at least one order of magnitude in wells MW-3 and MW-6; but remain above the LTCP criteria of 3,000 µg/L in wells MW-1 and MW-7. MTBE concentrations were historically highest in wells MW-1, MW-2, MW-3, and MW-6 but have decreased in all wells to a current maximum concentrations of 44 µg/L (MW-1). The historical maximum and most recent concentrations, water quality objectives, and LTCP Groundwater Specific Criteria for Scenario 2 are listed below in Table 3.3.



Table 3.3 Summary of Historical Maximum and Current Concentrations

Well	Analyte	Maximum Conc.	Most Recent Conc.	WQO	LTCP Groundwater Specific Criteria Scenario 2
Concentrations in µg/L					
MW-1	TPHg	370,000	110,000	100	NE
	Benzene	28,000	14,000	1	3,000
	MTBE	2,000	44 J	5	1,000
MW-2	TPHg	37,000	4,100	100	NE
	Benzene	140	<1	1	3,000
	MTBE	2,300	0.5 J	5	1,000
MW-3	TPHg	94,000	10,000	100	NE
	Benzene	12,000	560	1	3,000
	MTBE	8,000	26	5	1,000
MW-4	TPHg	150	<100	100	NE
	Benzene	2	<1	1	3,000
	MTBE	6	<1	5	1,000
MW-5	TPHg	310	<100	100	NE
	Benzene	10.6	<1	1	3,000
	MTBE	21.7	<1	5	1,000
MW-6	TPHg	25,000	3,000	100	NE
	Benzene	8,920	370	1	3,000
	MTBE	2,930	3 J	5	1,000
MW-7	TPHg	57,000	20,000	100	NE
	Benzene	12,000	5,800	1	3,000
	MTBE	100	43	5	1,000
MW-8	TPHg	1,700	1,700	100	NE
	Benzene	170	170	1	3,000
	MTBE	9	8	5	1,000
MW-9	TPHg	3,200	<100	100	NE
	Benzene	48	<1	1	3,000
	MTBE	140	9	5	1,000
MW-10	TPHg	<100	<100	100	NE
	Benzene	<1	<1	1	3,000
	MTBE	6.1	<1	5	1,000
MW-11	TPHg	NS	NS	100	NE
	Benzene	NS	NS	1	3,000
	MTBE	NS	NS	5	1,000
MW-12	TPHg	44,000	44,000	100	NE
	Benzene	370	370	1	3,000
	MTBE	<10	<10	5	1,000



3.4 Hydrocarbon Distribution in Soil Vapor

On June 13, 2017, GHD collected soil vapor samples from triple nested soil vapor probes VP-1, VP-2, VP-3, and VP-4 from depths of 5, 7.5, and 10 fbg. Samples were not collected at 5 and 10 fbg from VP-2 due to water in the tubing. Table 3.4 below presents the benzene, ethylbenzene, and naphthalene concentrations detected at each vapor probe location at 5 fbg and VP-2 at 7.5 fbg. Based on a site reconnaissance, the single family residential homes on the down gradient side of the site appear to be constructed over a crawl space. According to the LTCP Scenario 4, the soil gas sample must be collected at least five feet below the bottom of the adjacent building foundation; therefore it is suitable to compare the soil vapor concentrations detected from VP-2 at 7.5 fbg against the regulatory guidelines. Cumulative soil vapor sampling data are presented in Table 5.

Table 3.4 Benzene Ethylbenzene, and Naphthalene Concentrations in Soil Vapor

	Benzene ($\mu\text{g}/\text{m}^3$)	Ethylbenzene ($\mu\text{g}/\text{m}^3$)	Naphthalene ($\mu\text{g}/\text{m}^3$)
LTCP – Soil Gas – Scenario 4, Oxygen <4% – Residential	<85	<1,100	<93
LTCP – Soil Gas – Scenario 4, Oxygen <4% – Commercial	<280	<3,600	<310
LTCP – Soil Gas – Scenario 4, Oxygen >4% – Residential	<85,000	<1,100,000	<93,000
LTCP – Soil Gas – Scenario 4, Oxygen >4% – Commercial	<280,000	<3,600,000	<310,000
VP-1 (06/13/2017; 1.5% O ₂)	4.5	<5.6	<14
VP-2 (7.5 fbg) (06/13/2017; 15% O ₂)	<3.7	<5.0	<12
VP-3 (06/13/2017; 10% O ₂)	<3.6	<4.9	<12
VP-4 (06/13/2017; 2.5% O ₂)	<350	<470	<1,100

Vapor probes VP-1, VP-2, and VP-3 are located along the downgradient property boundary adjacent to the residential home. No ethylbenzene or naphthalene were detected, and benzene was only detected in VP-1 at 4.5 micrograms per cubic meter ($\mu\text{g}/\text{m}^3$), which is below the LTCP Scenario 4 residential criteria. This data and previous data collected from the three probes satisfies all of the characteristics and criteria of LTCP Scenario 4, indicating there is no potential risk of vapor intrusion to the downgradient residential homes.

Furthermore, site-specific conditions satisfy the characteristic and criteria of LTCP Scenario 3 criteria. Groundwater in wells MW-4, MW-5, and MW-6, adjacent to the residential homes is generally deeper than 10 fbg; TPH concentrations in shallow soil (0 to 10 fbg), adjacent to the residences, are below 100 mg/kg; no dissolved benzene is detected in wells MW-4 and MW-5; and



with the exception of 1,300 µg/L dissolved benzene in September 2016, dissolved benzene in well MW-6 has been below 1,000 µg/L since 2004.

Vapor probe VP-4 is located upgradient of VP-1, VP-2, and VP-3 in the source area adjacent to SB-13 and MW-1. Benzene, ethylbenzene, and naphthalene concentrations were below laboratory reporting limits. Although reporting limits are higher than the LTCP Scenario 4 criteria, this is an active service station and therefore exempt from the LTCP media-specific criteria for petroleum vapor intrusion to indoor air because exposures to petroleum vapors associated with historical fuel system releases are comparatively insignificant relative to exposures from small surface spill and fugitive vapor releases that typically occur at active fueling facilities.⁵

During the recent June 2017 sampling event, helium was detected in VP-4 at 7.5 fbg at 0.41% indicating ambient air entered the sampling container; however this percent is below the California Department of Toxic Substance Control (DTSC) acceptable 5% value. No helium was detected in the other samples indicating there were no leaks during the sampling and the data are valid.

4. Conclusions and Recommendations

Based on the data presented above, GHD concludes:

- Site conditions meet the LTCP media specific criteria for vapor intrusion to indoor air and media specific criteria for direct contact and outdoor air.
- Secondary source has not been removed to the extent practicable, based on the single surfactant event conducted in 2007 and the persistent dissolved benzene concentrations greater than 3,000 µg/L in wells MW-1 and MW-7.
- Site conditions do not meet the LTCP media specific criteria for groundwater based on the benzene concentrations in wells MW-1 and MW-7.

Therefore, GHD evaluated viable alternatives for remediating secondary source mass in the areas of wells MW-1 and MW-7 and subsequently reduce dissolved phase benzene in onsite monitoring wells to meet LTCP criteria. This evaluation and recommendation are presented in Section 5 below.

5. Feasibility Study/Corrective Action Plan

5.1 Remedial Action Objectives

Based on the review of current site conditions, dissolved-phase benzene in wells MW-1 and MW-7 demonstrate that the secondary source mass hasn't been sufficiently remediated. Therefore, our remedial objective is to reduce residual petroleum hydrocarbon mass in order to reach LTCP goals within a reasonable timeframe. GHD evaluated different remedial options based on the following:

- Background concentrations

⁵ State Water Resource Control Board's August 17, 2012 *Low-Threat Underground Storage Tank Case Closure Policy*



- Applicable water quality objectives and environmental screening levels based on human health and environmental risks
- Technologic and economic feasibility

5.2 Groundwater Cleanup Goals

The RWQCB's Water Quality Control Plan (Basin Plan) for the San Francisco Bay Region states that existing and potential beneficial uses applicable to groundwater in the region include municipal water supply. Table 3.3 above presents the constituents of concern (COCs), the WQO to protect designated beneficial uses, highest historical concentrations, highest post-remediation concentrations, and most recent concentrations for this site.

Petroleum hydrocarbon concentrations in groundwater are decreasing or are at WQOs in all wells, with the exception of onsite well MW-1 and MW-7. However, concentrations in these two wells are at least two times lower than historical concentrations. Therefore, our proposed remedial approach is to reduce residual petroleum hydrocarbon mass in the source area that includes onsite wells MW-1 and MW-7 to the point that natural attenuation processes can reach WQOs within a reasonable timeframe.

5.3 Remedial Alternatives Discussion and Approach

Selection of the most feasible remedial alternative is based on implementing the most cost-effective remedial approach that will protect human health and groundwater quality to achieve the proposed remediation goal. The remediation alternatives reviewed in this FS/CAP have been evaluated based on their potential to meet the groundwater cleanup goal stated above.

5.4 Remedial Alternatives

The remedial technologies selected for evaluation are excavation, dual phase extraction (DPE), air sparge/soil vapor extraction (AS/SVE), in-situ chemical oxidization (ISCO), and monitored natural attenuation (MNA). These five alternatives have been evaluated below on the basis of technical feasibility and cost effectiveness.

5.4.1 Excavation

During excavation, contaminated soil is removed and transported to permitted off-site treatment and/or disposal facilities. In some cases, pre-treatment (via aeration, aboveground SVE, incineration, etc.) of the contaminated media may be required in order to meet land disposal restrictions. Although excavation and offsite disposal alleviates the contaminant problem at the site, it does not treat the COCs. The type of COC and its concentration will impact offsite disposal requirements. The disposal of hazardous wastes is governed by the Resource Conservation and Recovery Act (RCRA) (40CFR Parts 261-265), and the U.S. Department of Transportation regulates the transport of hazardous materials (49 CFR Parts 172-179, 49 CFR Part 1387, and DOT-E 8876). Hazardous wastes must be treated to meet either RCRA or non-RCRA treatment standards prior to land disposal. Transport and disposal of non-hazardous or special wastes are regulated by applicable California regulations.



Standard earth-moving equipment (backhoes, bobcats, loaders, etc.) is typically utilized for excavation. Depending on available space, this range of equipment can safely excavate to a depth of approximately 25 feet maximum due to site constraints. Bucket auger drilling is another method of excavation for soils that are deeper than approximately 25 feet. Bucket auger machinery either uses a rotating cylindrical bucket with cutting blades mounted on a hinged bottom to repeatedly cut and lift sediments from the boring or large diameter augers (i.e. 36-inch to 48-inch). Entry into excavations deeper than 5 feet requires shoring or sloping per OSHA regulations. Deep excavations may require shoring to prevent collapse of the sidewalls and to prevent damage or undermining of neighboring structures, utilities, sidewalks, etc. Additionally, dewatering of the excavated area may be required depending on the groundwater depth and recharge rates. The extent of excavation is typically estimated in advance using available soil boring data, but is ultimately directed by field personnel using field monitoring equipment such as a photo-ionization detector to screen soils by measurement of soil headspace vapor concentrations. Soil samples are collected for chemical analysis to confirm that the excavation limits are sufficient to meet soil cleanup levels.

Feasibility and Cost Effectiveness:

Based on historical soil analytical data, residual hydrocarbons in soil are at depths approximately between 20 and 30 fbg. Therefore to fully capture the extent of hydrocarbons in soil beneath the site, a significant amount of non-impacted soil would have to be excavated and this excavation would have to extend below the water table to depths up to 30 feet deep. This depth exceeds the standard depth limit for which an excavation can be cost-effectively performed. In addition, the available space and structures onsite would limit the amount of soils that could be excavated. GHD has not estimated a cost to execute soil excavation due to these limitations.

Recommendation:

Excavation would effectively remove some of the residual soil source mass; however, it would be difficult to remove sufficient soil source mass to guarantee improvement of water quality. Therefore, GHD has deemed excavation infeasible and does not recommend it at this site.

5.4.2 Dual Phase Extraction (DPE)

DPE consists of vacuum-enhanced groundwater extraction (GWE) performed simultaneously with SVE. GWE recovers dissolved-phase COCs and draws down groundwater. SVE removes COCs adsorbed in the vadose zone and in deeper. The extended dewatering of the saturated zone attained through GWE also allows VOCs adsorbed to previously saturated soil to be removed by SVE in the vapor phase. The applied vacuum and soil vapor flow typically increases the groundwater yield compared to standard GWE in low to moderate permeable soil. In addition, GWE may provide hydraulic control of the dissolved-phase COC plume and remove dissolved-phase mass.

DPE system components include in-well pumps, an equipment compound for a skid- or trailer-mounted SVE unit (with vapor treatment capability), extracted groundwater temporary storage, and treatment facilities with treated water discharge into the Site's storm drain or sanitary sewer lateral (under a permit obtained from the City of Oakland [City]).



Typical SVE unit equipment includes a vapor/liquid separator, a vacuum blower (typically a liquid-ring pump or rotary claw/lobe blower), and a vapor treatment device. The vapor extraction device (blower) would be sized based on the radius of influence (ROI), recovered vapor flow rate, and applied vacuum of the DPE wells observed during pilot testing. Extracted volatile organic compounds (VOCs) are typically treated by a thermal or catalytic oxidizer, or an internal combustion engine, and occasionally (as a "polish") by granulated activated carbon. The extracted-VOC treatment device is selected based on the influent flow rate, VOC concentrations, air quality agency requirements, and expected DPE system operational duration. The treated soil vapor would be discharged to the atmosphere under the authorization of a permit to operate issued by the Bay Area Air Quality Management District (BAAQMD).

DPE typically requires a separate electrical power service. For oxidizer supplemental fuel needs, electrical power, natural gas, or propane is typically utilized.

Feasibility and Cost Effectiveness

A DPE pilot test was conducted in 2002 at the former 76 service station northeast of the site at 7210 Bancroft Avenue. The pilot test utilized a mobile treatment system with a high vacuum blower (capable up to 29 inches of mercury [in. Hg]) and "stinger" that was applied through an airtight wellhead seal. Step vacuum and constant rate tests were conducted at four onsite wells (MW-2, MW-4, EX-1, and EX-2). Vacuum was applied between 21.5 and 26 in. Hg with a flow rate of 6-45 cubic feet per minute (cfm) and the groundwater extraction rate ranged between 2-4.5 gpm during the constant rate test from each extraction well. The radius of influence (ROI) ranged between 18 to 28 feet for each extraction well. Estimated vapor-phase hydrocarbon removal rates were approximately 200 pounds per day (ppd) in wells EX-4 and EX-1 and less than 5 ppd in wells MW-2 and EX-2. Based on the DPE pilot test results, it was determined that DPE was a feasible remedial technology even though there were generally low vapor flow rates due to low permeability soils. However, the soils on the former Chevron service station range between gravelly to sandy silt with gravel within the source zone, so it is anticipated that the flow rates will be higher.

During the groundwater extraction event following the September 2007 surfactant injection event at the former Chevron site, it was determined that the groundwater extraction flow rate ranged between 0.63 to 1.28 gpm, which is fairly low; however, the addition of vapor phase extraction would likely have increased the flow rate under vacuum. Additionally, during surfactant extraction from MW-1, water level drawdown at MW-7 (9.57 ft) was substantially greater than drawdown observed in MW-8 (0.12 ft), even though MW-8 is closer to MW-1 than MW-7. Given the apparent connectivity of MW-1 and MW-7, performance of DPE would likely preferentially remediate the residual source area near these wells regardless of the groundwater extraction flow rate.

The site-specific effectiveness of DPE will be based on whether site conditions will facilitate adequate dewatering to expose the impacted saturated zone for soil vapor extraction; thus, GHD recommends performing a DPE pilot test. Based on the concentrations observed during a pilot test, it will be determined if the mass removal rates decrease or increase over time, in order to confirm selection of the installation of mobile remediation equipment (MRE) or a fixed DPE system. If the concentrations tend to decrease during the course of the pilot test, it will be recommended that DPE with MRE be performed at the site for a period of up to 3 months targeting the low water table



season. However, if a pilot test determines that concentrations either increase over time or have a sustained high mass removal rate, a full-scale fixed DPE system will be considered.

Whether using mobile or fixed equipment, DPE will target the area within the vicinity of monitoring wells MW-1 and MW-7, which currently have high dissolved-phase concentrations indicative of LNAPL. However, due to the small diameter of these wells and lack of vertical soil delineation at these locations, GHD recommends that MW-1 and MW-7 be reinstalled with 4-inch well casings and be installed deeper in order to determine the vertical extent of the source mass beneath the Site and appropriately place a 5-foot sump beneath the bottom of the smear zone. In addition, GHD recommends installing two additional 4-inch monitoring wells on the northwest and southeast side of MW-1 in order to be used for observation during the pilot test.

Space limitations at the site would not likely be able to accommodate a full-scale DPE system without potentially negotiating with the City and property owner on the associated staging of the compound since onsite options would require using limited parking spaces, or blocking at least one of the driveways (there are a total of 6 driveways). Remediation piping will either be buried underground or temporary speed bump-type hose covers would be used for conveyance to each of the extraction wells. DPE application would consist of either pneumatic or electric pumps or 2-inch flex-hose "stingers" in each well to assist with the groundwater yield and drawdown. If a stinger is utilized, a rubber fitting would be employed to seal the stinger hose to the well casing to facilitate vapor extraction.

Pilot testing, design and permitting of a fixed DPE system will cost approximately \$80,000. Construction and purchase of equipment will cost approximately \$500,000. With an operating duration predicted at a maximum of 1 year, the overall operating cost would be \$120,000. The total cost, including 3 years groundwater monitoring (one pre-remediation, one during, and one post-remediation) and closure request and destruction of wells would cost approximately \$845,000.

Pilot testing and permitting of a mobile DPE system will cost approximately \$55,000. The average monthly cost to operate the mobile DPE system is estimated to be approximately \$60,000. With an operating duration predicted at a maximum of 3 months, the overall operating cost would be \$180,000. The total cost, including 2 years groundwater monitoring (one pre-remediation and during remediation and one post-remediation) and closure request and destruction of wells would cost approximately \$315,000.

Recommendation:

The 2002 DPE pilot test conducted at the former 76 service station northeast of the site at 7210 Bancroft Avenue indicated that DPE is technically feasible. However, a pilot test would be required to determine site-specific effectiveness at the former Chevron site. In addition, mass removal rates would need to be evaluated to determine whether fixed-base or mobile DPE would be the most cost effective technology for this Site.

5.4.3 Air Sparge/Soil Vapor Extraction (AS/SVE)

As with the DPE alternative, SVE removes VOCs from soil in vapor phase by applying a vacuum in the vadose zone. AS is a remedial technology whereby air is injected into the saturated zone to aid in the removal of VOCs adsorbed to saturated soils below the groundwater table. AS must be



controlled to prevent further migration of the dissolved-phase COC plume or create fugitive vapor migration or emissions. AS is typically designed to operate at relatively high air injection rates (greater than 10 scfm per injection point) to volatilize the VOCs. At these injection rates, AS typically operates in tandem with an SVE system that captures and prevents fugitive migration of the VOCs stripped from the saturated zone. AS/SVE aids in improvement to groundwater quality by removing source area VOC mass and by delivering oxygen to the subsurface to enhance naturally occurring aerobic biodegradation of residual hydrocarbon mass.

SVE system components would be similar to the SVE components of a DPE system: appropriately constructed SVE wells, vapor conveyance piping, a vapor/liquid separator, a vapor extraction device (vacuum blower), and a vapor treatment device. The vapor extraction device would be sized based on the ROI and applied vacuum of the vapor extraction wells observed during pilot testing. Extracted hydrocarbons are typically treated by granulated activated carbon, a catalytic or thermal oxidizer, or an internal combustion engine. The treatment device is determined by the influent flow rate, hydrocarbon concentrations, air quality requirements, and operating duration. Equipment required to implement AS would include specifically designed AS injection points (wells), a compressed air source (air compressor/blower), and underground compressed air conveyance piping to the AS wells. The air compressor or blower would be sized based on the number of injection points, pressure requirements, and minimum pressure and flow delivery at the injection depth.

Feasibility and Cost Effectiveness:

Based on the results of a DPE pilot test conducted at the former 76 service station in 2002, discussed in Section 5.4.3, it was determined that SVE was an effective remedial technology due to the elevated vapor-phase mass removal rates and ROI. Even though the vapor flow rates were generally low due to the low permeable soils, the former Chevron service station's soils range between gravels to sandy silt with gravel within the source zone, so it is anticipated that the flow rates will be higher than those measured at the former 76 service station.

Since the potential source mass appears to be consolidated within the lower gravelly to sandy silt with gravel soils, there is potential for air sparge to be effective at delivering the required air flow rates in order to strip the volatile hydrocarbons adsorbed to the saturated soils below the groundwater table. However, a pilot test would likely need to be conducted in order to determine its effectiveness. In addition, the formation within the target zone has various soil heterogeneities that may create preferential pathways, which may not allow the air to be uniformly distributed throughout the surrounding formation, potentially extending the AS/SVE operating time needed to meet Site-specific cleanup objectives.

Pilot testing, design and permitting of a fixed AS/SVE system will cost approximately \$70,000. Construction and purchase of equipment will cost approximately \$450,000. The average annual cost to operate the AS/SVE system is estimated to be approximately \$105,000. With an operating duration predicted at a maximum of 2 years, the overall operating cost would be \$210,000. The total cost, including 4 years groundwater monitoring (one pre-remediation, two during, and one post-remediation) and closure request and destruction of wells would cost approximately \$890,000.



Recommendation:

The 2002 DPE pilot test conducted at the former 76 service station northeast of the site at 7210 Bancroft Avenue indicated that SVE is technically feasible. However, a pilot test would be required to determine site-specific effectiveness for AS/SVE at the former Chevron site given the various soil heterogeneities.

5.4.4 In-Situ Chemical Oxidization (ISCO)

ISCO involves applying agents to facilitate in-situ chemical oxidation of the dissolved-phase petroleum hydrocarbons within the soil matrix. Typical oxidizing agents include permanganate (MnO_4^-), Fenton's reagent (hydrogen peroxide [H_2O_2] and ferrous iron [Fe^{+2}]), ozone (O_3), and sodium persulfate ($S_2O_8^{2-}$). MnO_4^- does not exhibit a high solubility and requires a large delivery volume. Fenton's reagent is common for the treatment of VOCs; however, the Fenton's reagent reaction is exothermic, and the heat generated can cause volatilization of the VOCs. It also requires a pH of 5 and ferrous sulfate catalyst. Base catalyzed $S_2O_8^{2-}$ can be injected at concentrations up to 30 percent, and it can oxidize a wide range of organic compounds including VOCs and will continue to oxidize organic material for up to a month. Persulfate, a strong oxidizer, is commonly applied in the form of sodium persulfate to effectively buffer the pH⁶ (Interstate Technology & Regulatory Council In Situ Chemical Oxidation Team, 2005). Since persulfate is also more persistent than H_2O_2 or ozone, the radius of influence would be greater, and reacts with a wide range of organic compounds.

Successful treatment is dependent on delivery of sufficient amounts of oxidant to the impacted soil and groundwater and making "contact" with contaminant mass. The treatment success is also dependent on the soil chemistry. A critical factor in the evaluation of ISCO treatment is determining the dosages of oxidant that are required to effectively oxidize the hydrocarbon compounds present (referred to as stoichiometric demand) as well as the competing reactions. The competing reactions are typically caused by the presence of natural organic materials such as humates and fulvates, as well as reduced metal species. The consumption of oxidants by these non-target compounds is defined as natural oxidant demand. In order to determine the optimum dosage, bench scale and in-situ pilot test treatability studies are required. Large quantities of oxidizing chemicals require regulated handling and pose health and safety concerns. Chemical oxidation may cause mobilization of metals, possible formation of toxic by-products, heat, gas, and biological perturbation.

Feasibility and Cost Effectiveness:

ISCO effectiveness is dependent on making sufficient reagent contact with residual source mass, which requires distribution/dispersion of the reagent in the soil formation where the mass resides. Onsite soil analytical data indicate the residual hydrocarbon mass primarily resides in gravels to sandy silt with gravel, which may be conducive for distributing a reagent. Residual hydrocarbon mass in the gravel and sandy silt may be accessible, but there is no assurance for controlling the contact between the reagent and the mass. Although bench-scale testing can help estimate the

⁶ Interstate Technology & Regulatory Council In Situ Chemical Oxidation Team, 2005, *Technical and Regulatory Guidance for In Situ Chemical Oxidation of Contaminated Soil and Groundwater*, January.



amount of reagent needed to oxidize the target mass, the actual amount (and overall implementation cost) tends to be unpredictable due to the amount of the source mass, subsurface distribution limitations, and competing organics.

A pilot test for PlumeStop® was implemented at the former 76 service station at 7201 Bancroft in 2012, which included nine injection points using direct push technology (DPT) between 5 to 41 feet below grade surface (bgs). The 30 and 60-day post-injection monitoring in well MW-4 indicated that concentrations had more than doubled for TPHg, ethylbenzene, toluene, and total xylenes, while concentrations for benzene, MTBE, and TBA decreased slightly as shown in the table below:

Table 5.1: PlumeStop® – Groundwater Concentrations

Contaminant of Concern	Pre-Injection Concentration (µg/L) (March 7, 2012)	30-Day Post-Injection Concentration (µg/L) (April 27, 2012)	60-Day Post-Injection Concentration (µg/L) (May 29, 2012)
TPHg	8,500	17,000	17,000
Benzene	4,000	2,800	2,800
Ethylbenzene	480	1,500	1,400
Toluene	42	490	380
Total Xylenes	1,090	3,230	2,370
MTBE	400	370	210
TBA	4,900	2,900	2,700

As of the first quarter of 2014, the TPHg concentrations in MW-4 increased to 90,000 µg/L with relatively stable benzene and ethylbenzene concentrations at 3,200 µg/L and 1,800 µg/L, respectively, indicating that ISCO using PlumeStop® was not effective at addressing residual concentrations at that site.

Also, during the 2007 ISCO event using surfactant injection in onsite wells MW-1 and MW-7 at the former Chevron station, groundwater influence was noted in several onsite monitoring wells during the injection as indicated in the table below:

Table 5.2: Surfactant Injection Groundwater Elevation Influence

Injection Wells	MW-1 (ft)	MW-7 (ft)	MW-8 (ft)	MW-5 (ft)	MW-6 (ft)	MW-3 (ft)	MW-2 (ft)
MW-1 & MW-7	-19.75 (at surface)	-17.34 (at surface)	-0.30	-0.13	-0.12	-0.12	-0.05

The change in groundwater elevation noted during the 2007 surfactant injection indicated that there was groundwater mounding influence in all of the on-site monitoring wells measured. However, similar to the results from the ISCO event using PlumeStop® at the former 76 service station, concentrations generally increased after the surfactant injection event, as indicated below:



Table 5.3: Surfactant Injection – Groundwater Concentrations

Well	TPHg (ppmv)			Benzene (ppmv)		
	Post 1 (9/26)	Post 4 (9/27)	Post 8 (10/2)	Post 1 (9/26)	Post 4 (9/27)	Post 8 (10/2)
MW-1	120,000	72,000	360,000	6,700	9,700	16,000

Recommendations:

Given the two local examples of ISCO, it is GHD’s opinion that ISCO is an approach best suited for spot polish remediation in homogenous soil formations, and would not be effective for the conditions at this Site. Therefore, GHD has deemed ISCO infeasible and does not recommend it at this Site.

5.4.5 Monitored Natural Attenuation (MNA)

Biodegradation, adsorption, chemical reactions, and volatilization can all naturally degrade hydrocarbons. MNA is the process of monitoring hydrocarbon concentrations in groundwater to confirm that the concentrations are decreasing and will reach water quality objectives in a reasonable time frame. Dissolved concentration reduction is the primary indicator of natural attenuation. Secondary indicators such as dissolved oxygen (DO) concentrations; oxidation-reduction potential (ORP); CSIA, alkalinity; nitrate, sulfate, and ferrous iron concentrations; can also be used to confirm natural attenuation and understand the specific attenuation mechanisms.

Feasibility and Cost Effectiveness:

GHD concluded that MNA would not be viable due to the elevated dissolved-phase concentrations in MW-1 and MW-7. However, it is anticipated that natural attenuation will be the final, most prudent, and environmentally sustainable remedial method implemented after a more “active” remediation alternative has removed sufficient hydrocarbon mass from the source area to allow MNA to meet the cleanup goals within a reasonable timeframe.

Recommendations:

MNA is not recommended at this time, but will be considered after the selected primary remedial alternative has been implemented.

5.5 Summary of Remedial Alternatives

The predicted effectiveness and estimated costs for each of remediation alternatives discussed above are shown in Table 5.4.



Table 5.4: Summary of Remedial Alternatives

<i>Alternative</i>	<i>MNA</i>	<i>Excavation</i>	<i>Fixed DPE</i>	<i>Mobile DPE</i>	<i>AS/SVE</i>
Effectiveness	Poor	Poor	Good	Good	Moderate
Feasibility	Poor	Poor	Good	Good	Good
Pilot Testing	NA	NA	\$50,000	\$50,000	\$40,000
Design and Permitting	NA	NA	\$30,000	\$5,000	\$30,000
Equipment and Installation	NA	NA	\$500,000	NA	\$450,000
Operational Duration	NA	NA	1 year	3 months	2 years
Average Operational Cost	NA	NA	\$120,000 (per year)	\$60,000 (per month)	\$105,000 (per year)
Total Operational Cost	NA	NA	\$120,000	\$180,000	\$210,000
Annual Groundwater Monitoring Cost	NA	NA	\$15,000 (per year-quarterly sampling)	\$15,000 (per year-quarterly sampling)	\$15,000 (per year-quarterly sampling)
Total Groundwater Monitoring Duration	NA	NA	3 years	2 years	4 years
Total Groundwater Monitoring Cost	NA	NA	\$45,000	\$30,000	\$60,000
System Demo	NA	NA	\$50,000	NA	\$40,000
Closure Request/ Well Destructions	NA	NA	\$50,000	\$50,000	\$60,000
Total Cost	NA	NA	\$845,000	\$315,000	\$890,000

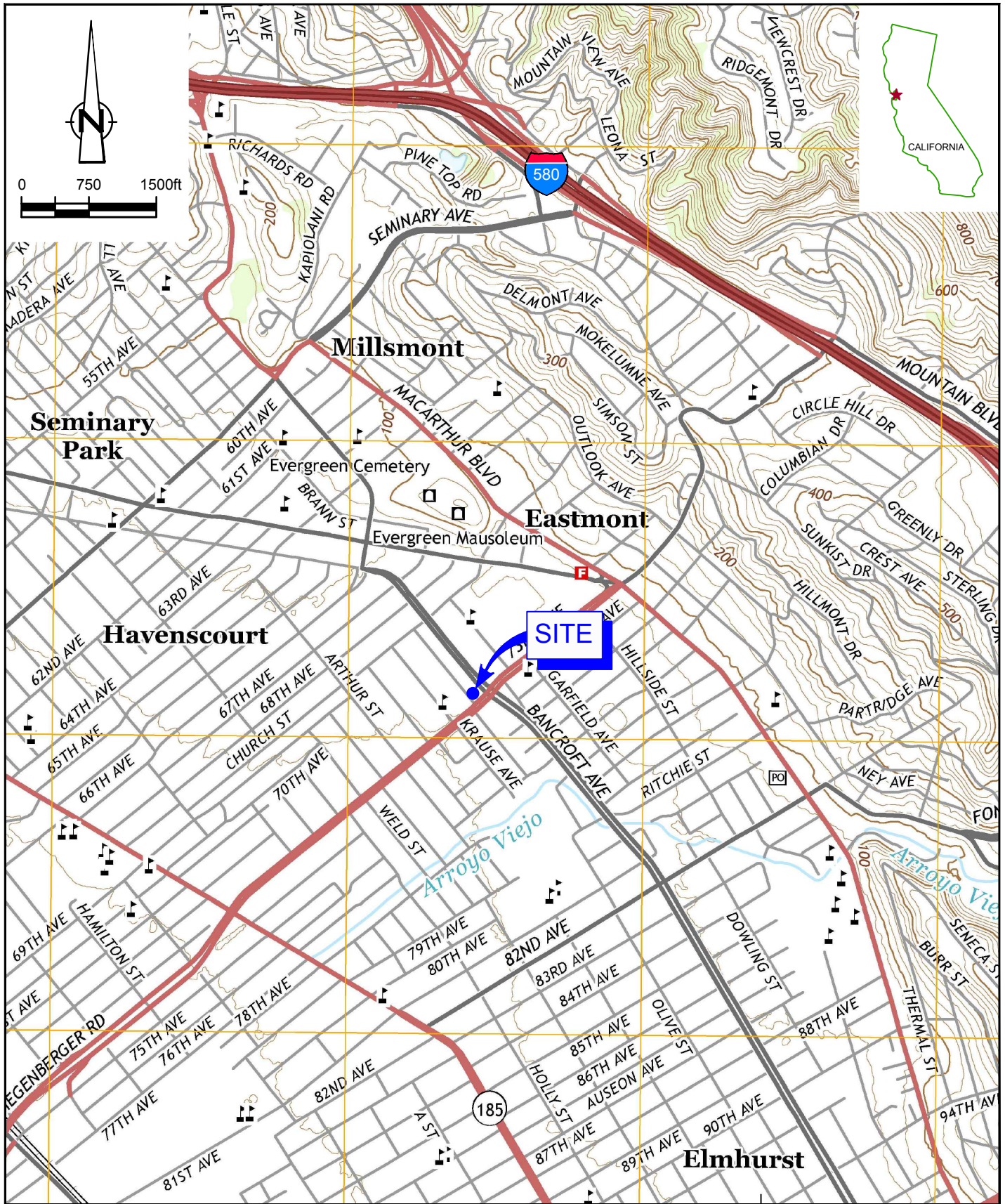
Of the five remedial alternatives evaluated, mobile DPE is the most feasible and cost effective remedial alternative for achieving the Site’s remedial objective of reducing hydrocarbon mass such that declining COC concentration trends can be established in groundwater. Therefore, we recommend implementing mobile DPE as the preferred remedial technology for achieving the groundwater cleanup goal.

6. Conclusion

Based on our evaluation of remedial alternatives, GHD recommends implementing mobile DPE for 3 months with 24-hour continuous DPE operation. However, mobile DPE will be terminated early if VOC mass removal of less than 10 pounds per day as TPHg per well or asymptotic conditions are observed. The goal will be to reduce residual petroleum hydrocarbon mass in order to reach LTCP goals within a reasonable timeframe. The DPE MRE will target the area within the vicinity of monitoring wells MW-1 and MW-7, which currently have elevated residual dissolved-phase gasoline constituent concentrations.

Following the one year (four quarters) of groundwater sampling, the monitoring results will be used to estimate the rate of natural attenuation of the COCs and to verify that the WQOs in the wells will be met in a more reasonable time, following active remediation. Upon approval by ACDEH, GHD will prepare a Remedial Action Plan proposing this work.

Figures



SOURCE: USGS QUAD MAP; OAKLAND EAST, CA., 2015.

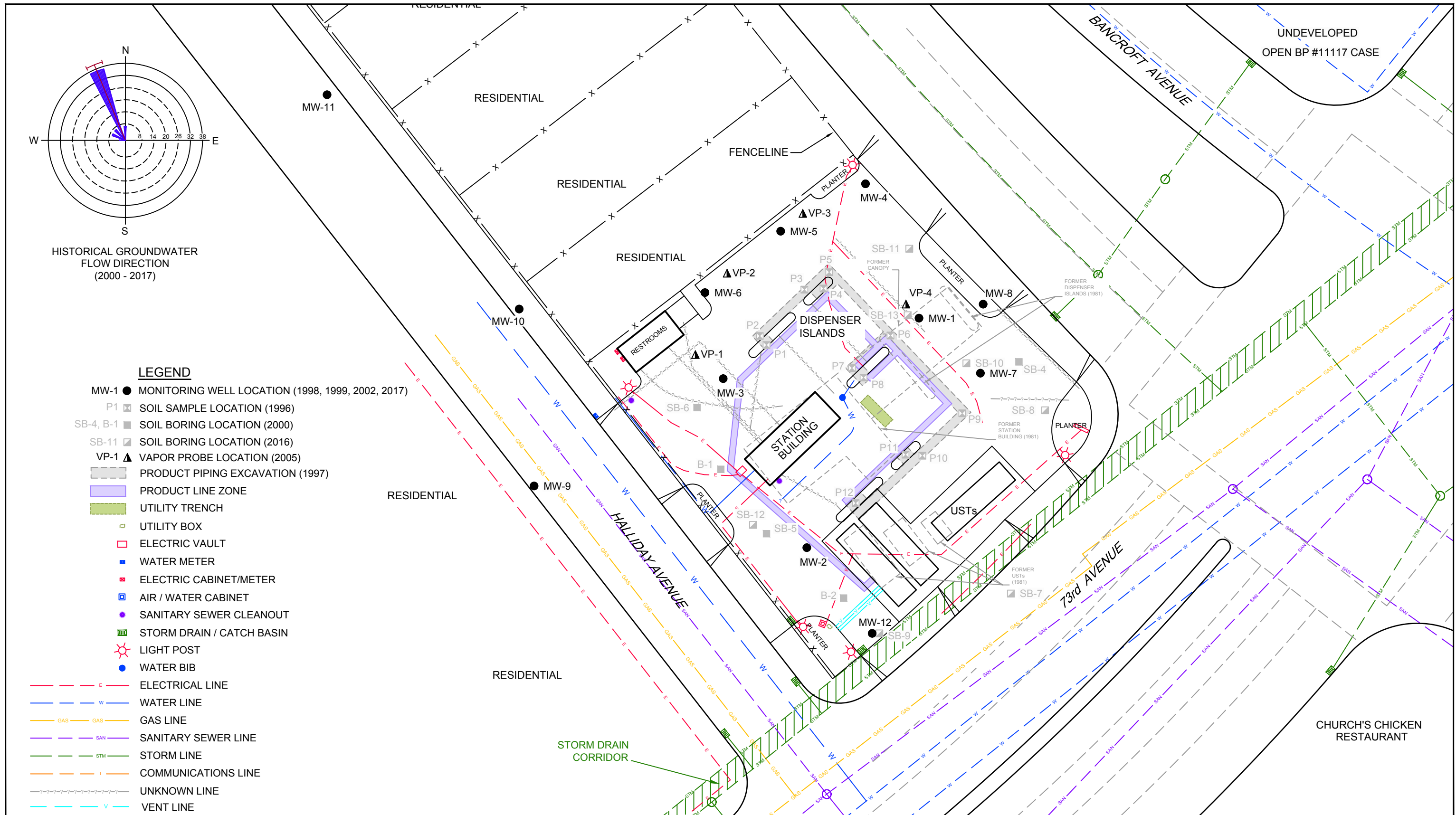


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 Oct 25, 2017

VICINITY MAP

FIGURE 1



SOURCE: MORROW SURVEYING REPORTED DATED 6/8/17.

0 10 30ft

COORDINATE SYSTEM:
CALIFORNIA STATE PLANE
ZONE 3



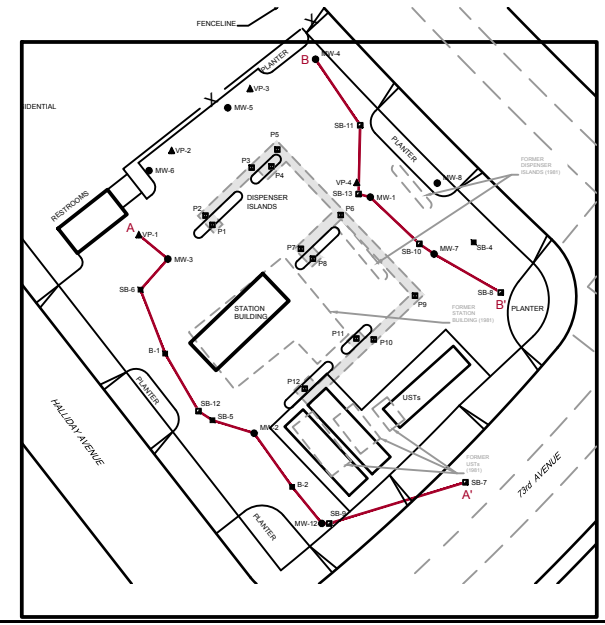
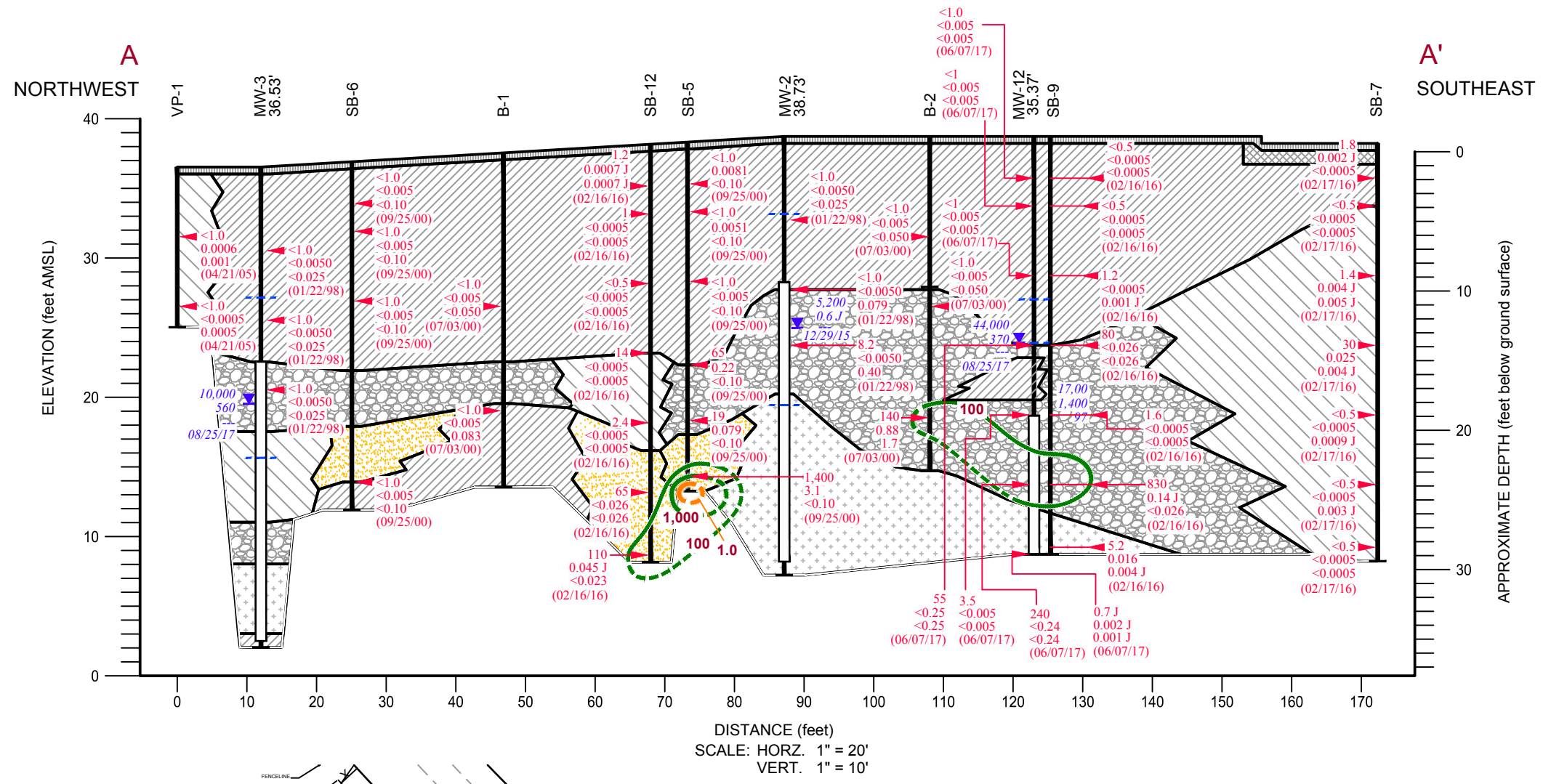
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SITE PLAN

311806-2017

Nov 16, 2017

FIGURE 2



EXPLANATION

- CL - Inorganic clays of low plasticity, gravelly, sandy, or silty clays, lean clays
- ML - Inorganic silts and very fine sand, silty sands of slight plasticity
- GW - Well graded gravels, <5% fines
- GM - Silty gravels, >12% fines
- GC - Clayey gravels >12% fines
- SM - Silty sands, >12% fines
- SC - Clayey sands, >12% fines
- Fill
- Asphalt or Concrete
- Approximate sample location
- TPHg, Benzene, MTBE (Date) Hydrocarbon concentrations in soil, in milligrams per kilogram (mg/kg)
- MW-2, SB-9 — Well Designation
- Top of Casing Elevation
- Groundwater Monitoring Well
- Well Screen Interval
- Bottom of boring
- Depth of Groundwater
- TPHg, Benzene, MTBE (Date) Hydrocarbon concentrations in Groundwater, in micrograms per liter (µg/L)
- 100 — TPHg concentration contour line
- 1.0 — Benzene concentration contour line dashed where inferred
- Historical high and low depth to groundwater

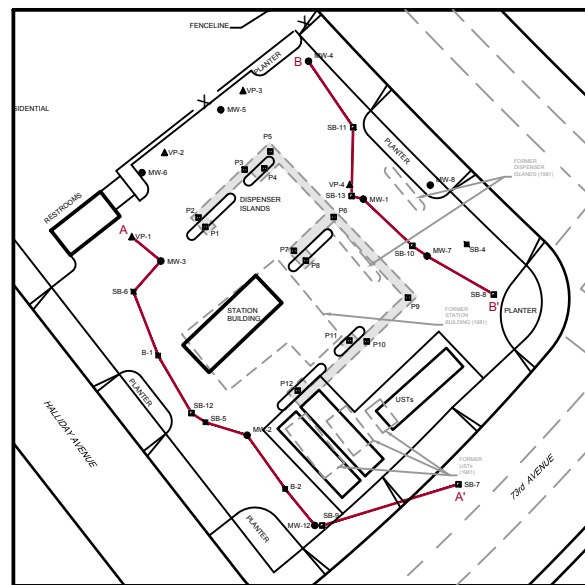
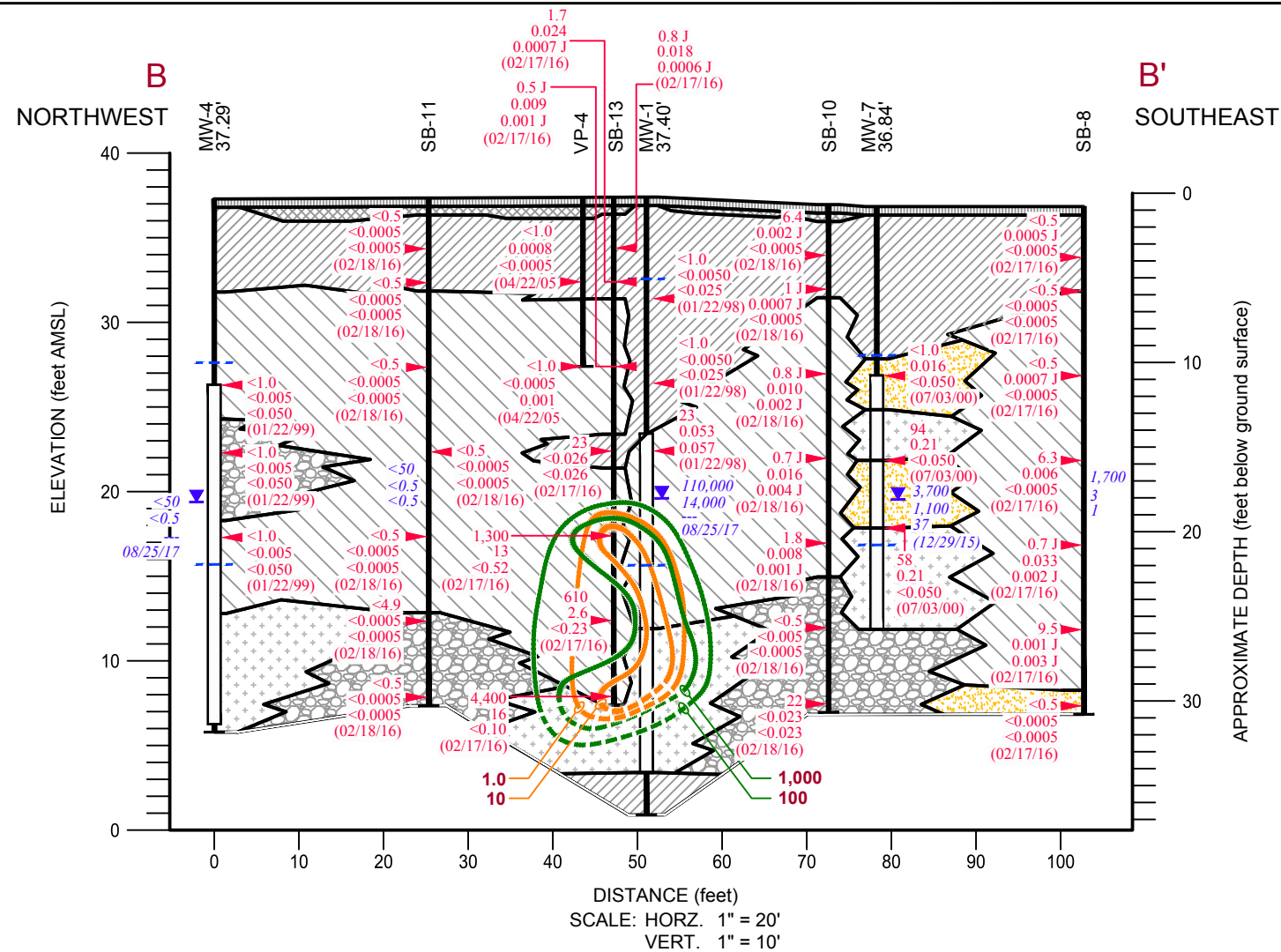


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GEOLOGIC CROSS SECTION A-A'

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Figure 3



EXPLANATION

- CL - Inorganic clays of low plasticity, gravelly, sandy, or silty clays, lean clays
- ML - Inorganic silts and very fine sand, silty sands of slight plasticity
- GW - Well graded gravels, <5% fines
- GM - Silty gravels, >12% fines
- GC - Clayey gravels >12% fines
- SM - Silty sands, >12% fines
- SC - Clayey sands, >12% fines
- Fill
- Asphalt or Concrete
- Approximate sample location
- TPHg, Benzene, MTBE (Date) - Hydrocarbon concentrations in soil, in milligrams per kilogram (mg/kg)
- MW-2, SB-8 - Well Designation
- Top of Casing Elevation
- Groundwater Monitoring Well
- Well Screen Interval
- Bottom of boring
- Depth of Groundwater
- TPHg, Benzene, MTBE (Date) - Hydrocarbon concentrations in Groundwater, in micrograms per liter (µg/L)
- 100 - TPHg concentration contour line in milligrams per kilogram (mg/kg) dashed where inferred
- 1.0 - Benzene concentration contour line in milligrams per kilogram (mg/kg) dashed where inferred
- - - - Historical high and low depth to groundwater

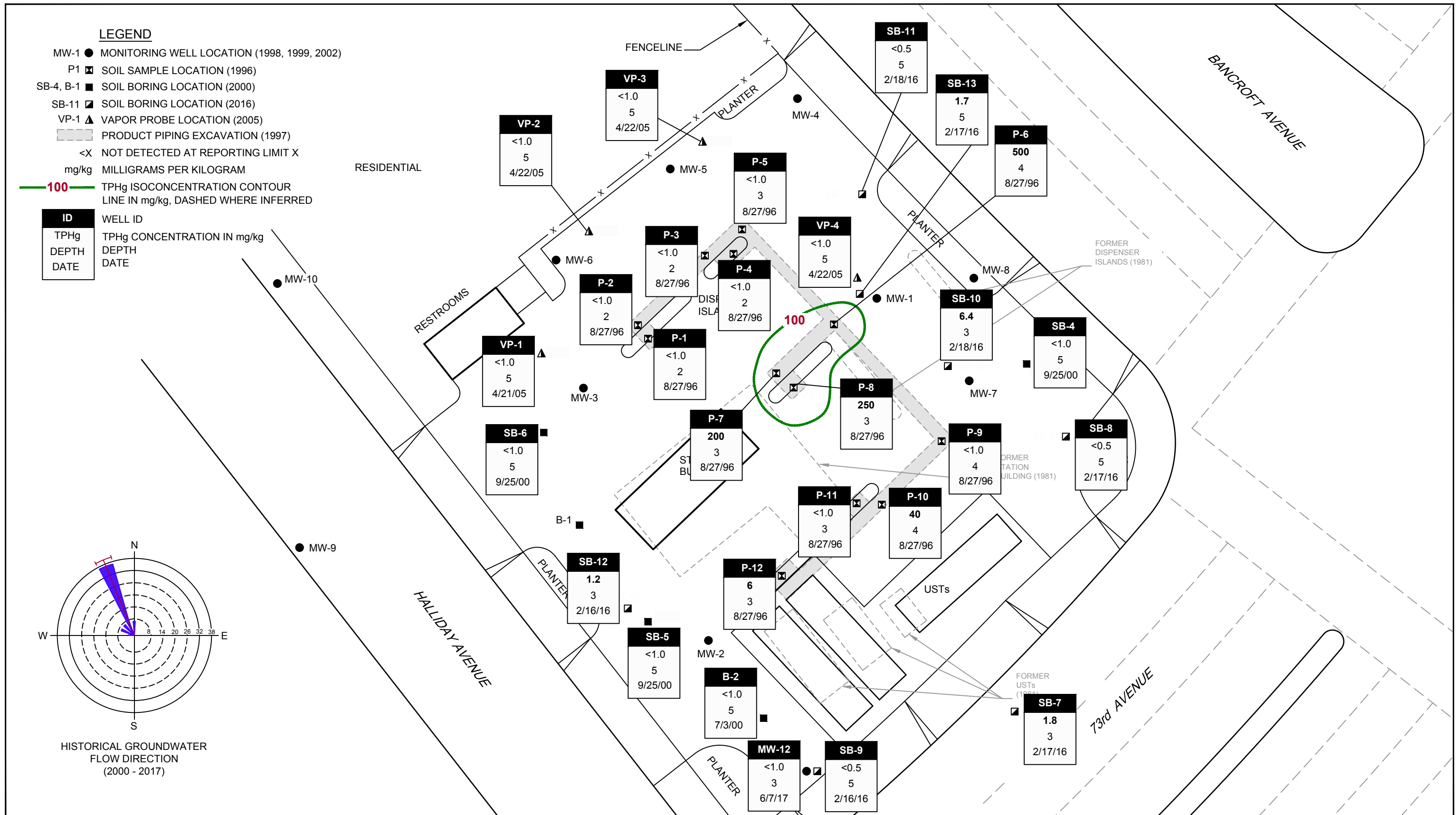


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GEOLOGIC CROSS SECTION B-B'

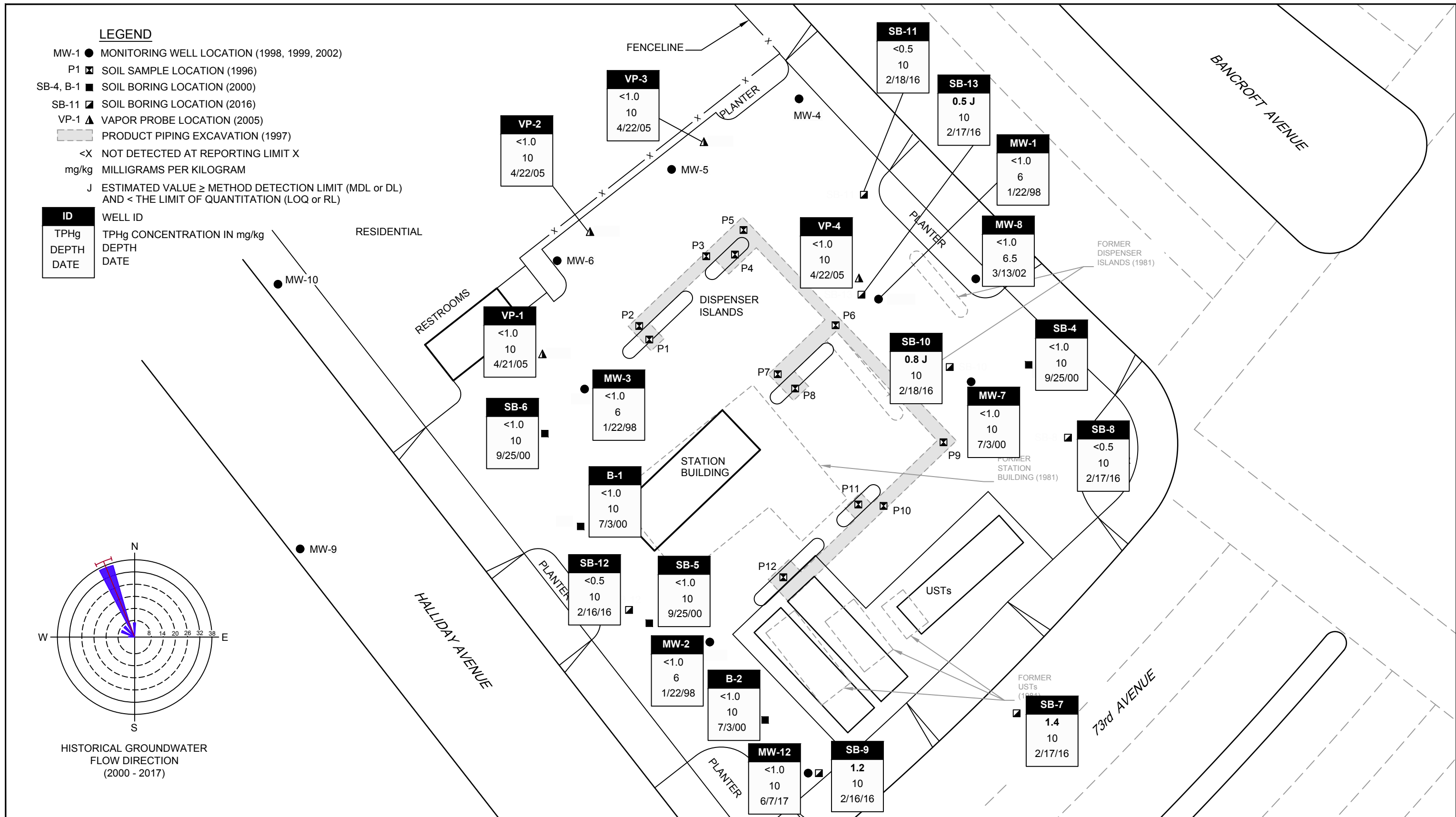
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Figure 4



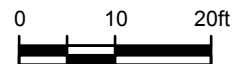
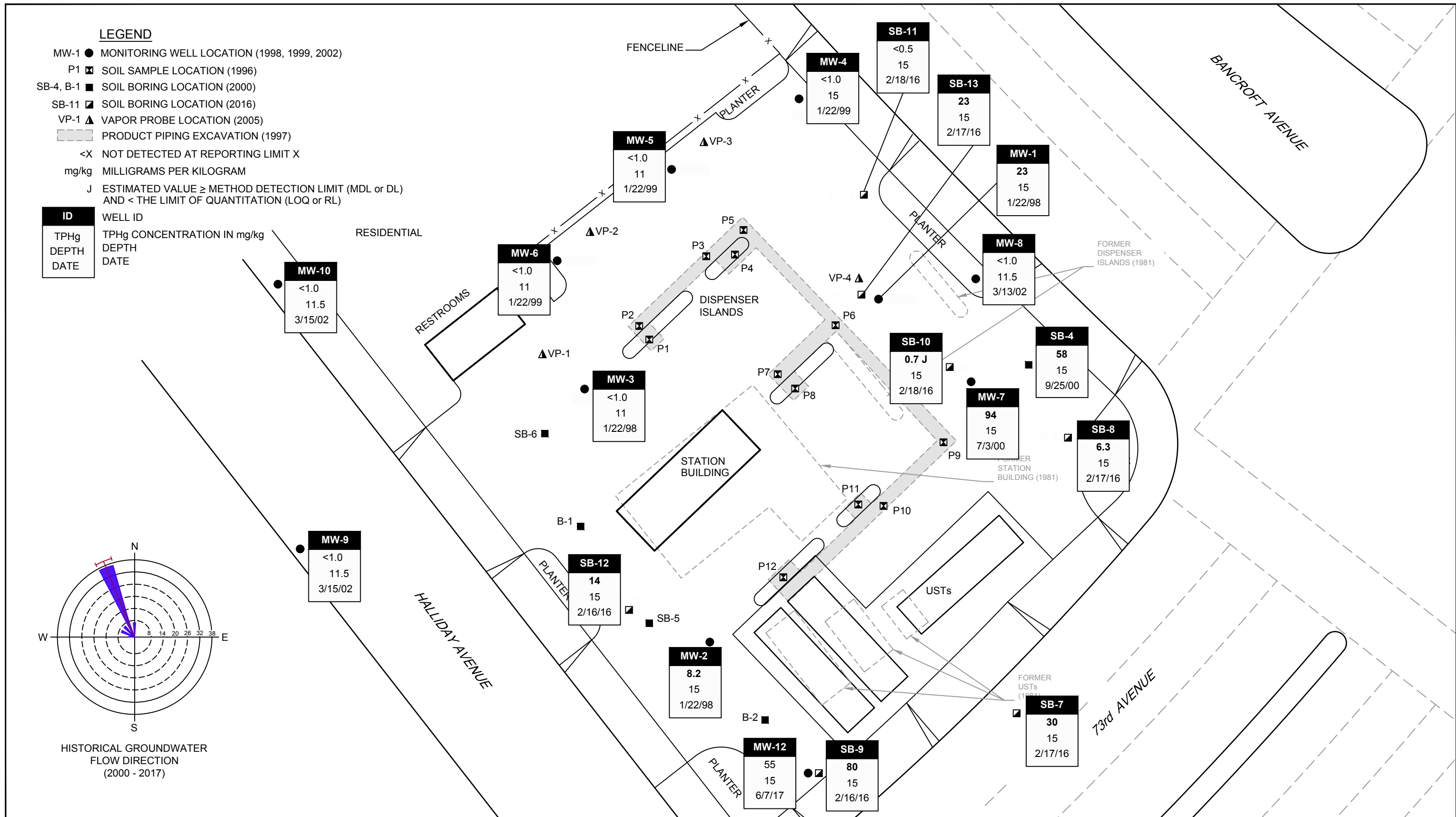
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Figure 5



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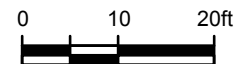
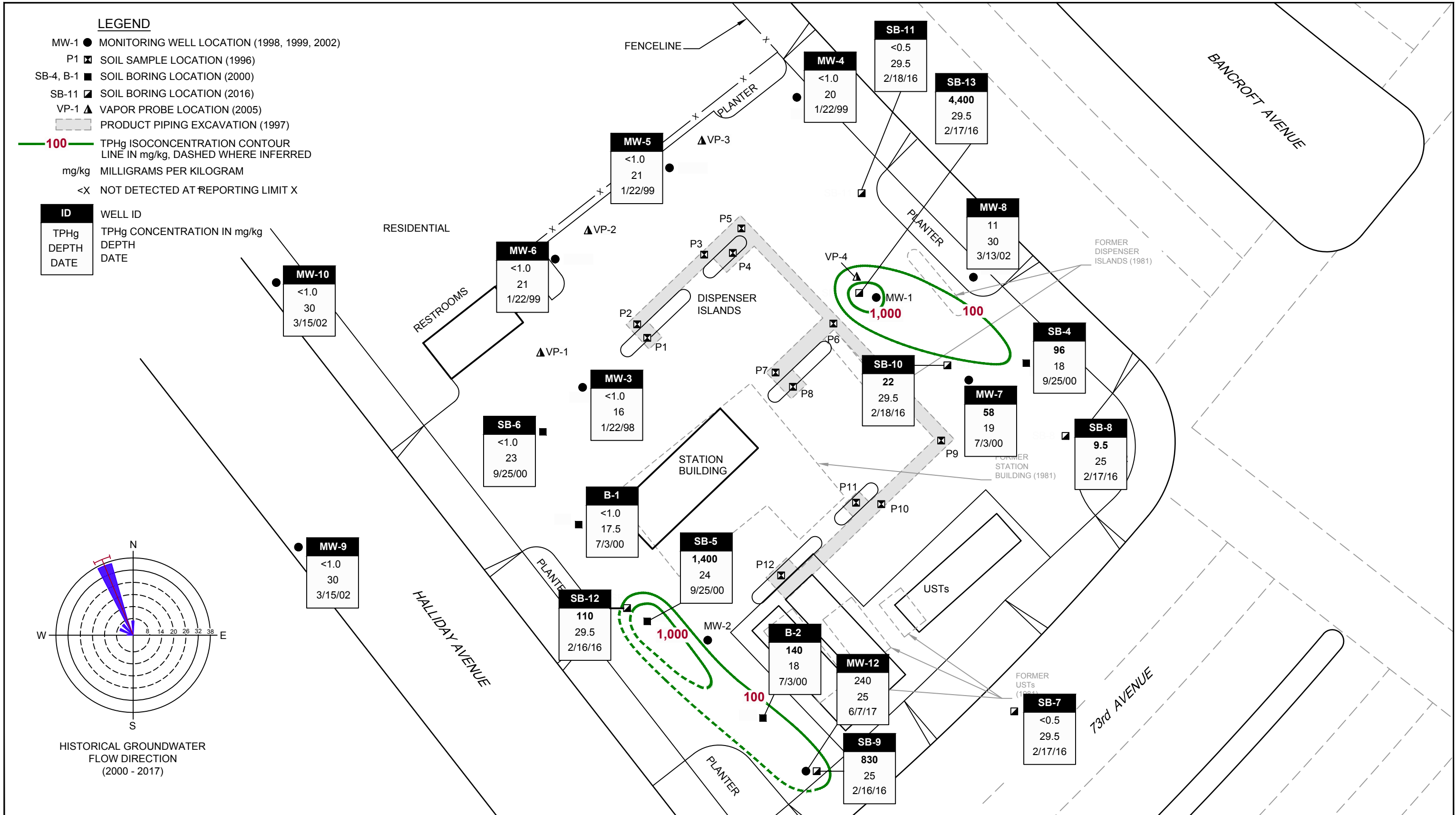
Figure 6



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**MAXIMUM TPHg CONCENTRATIONS
 IN SOIL - >10 to 15 FBG**

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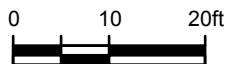
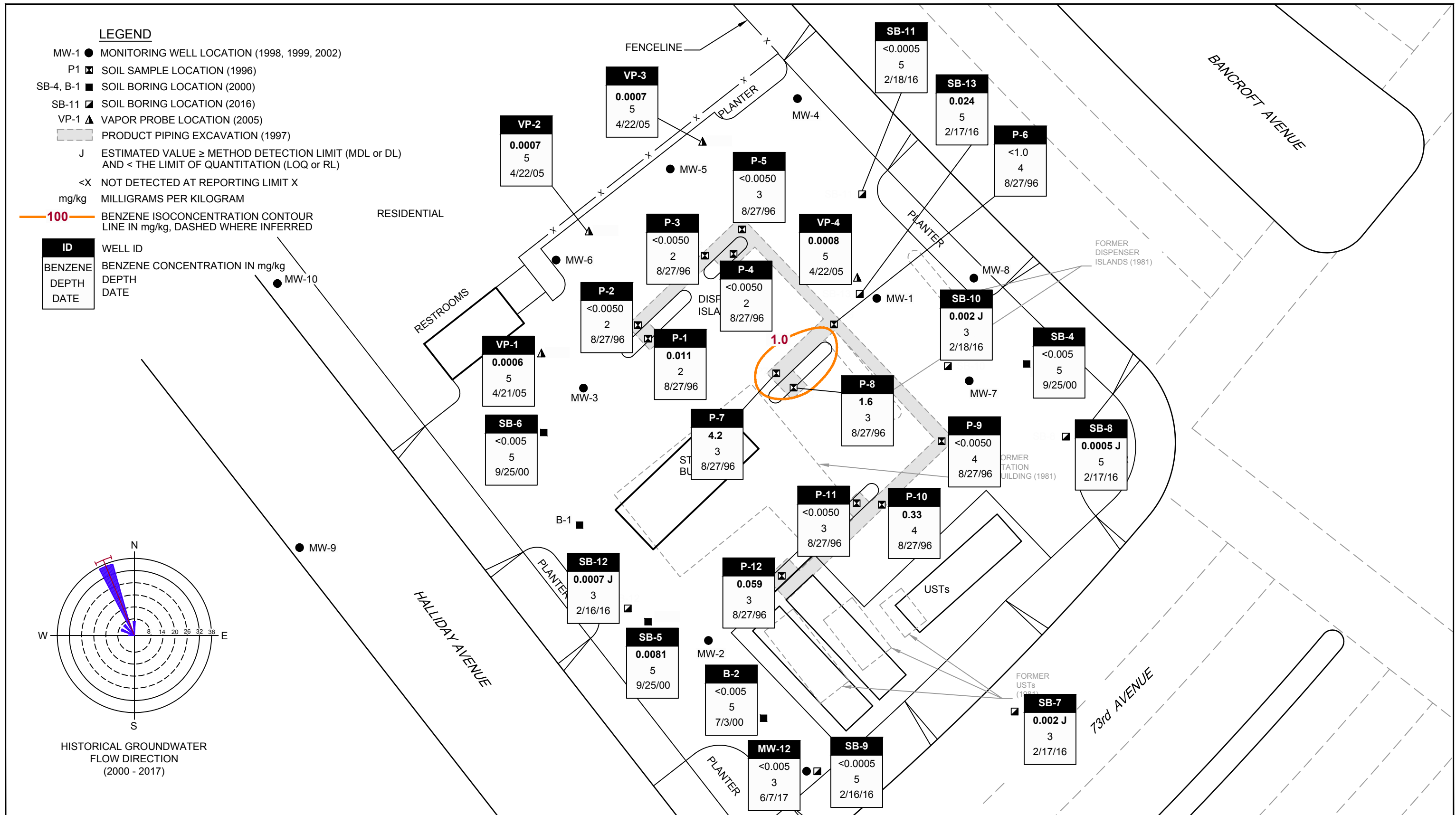
Figure 7



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**MAXIMUM TPHg CONCENTRATIONS
 IN SOIL - >15 to 30 FBG**

311806-2017
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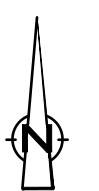
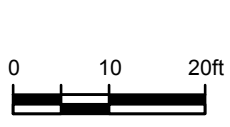
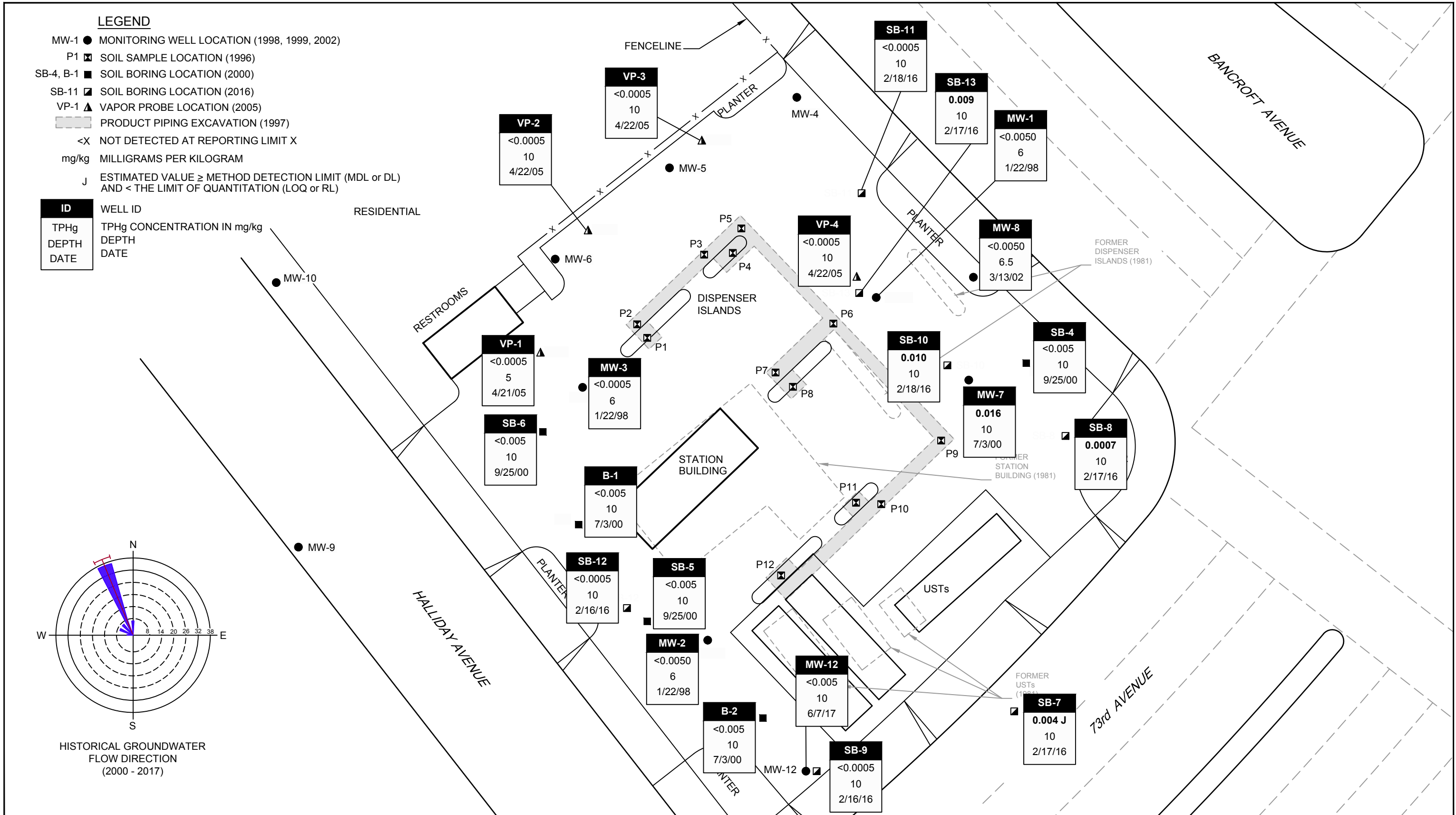
Figure 8



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 OAKLAND, CALIFORNIA
**MAXIMUM BENZENE CONCENTRATIONS
 IN SOIL - 0 to 5 FBG**

311806-2017
 Nov 29, 2017

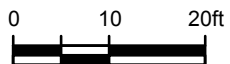
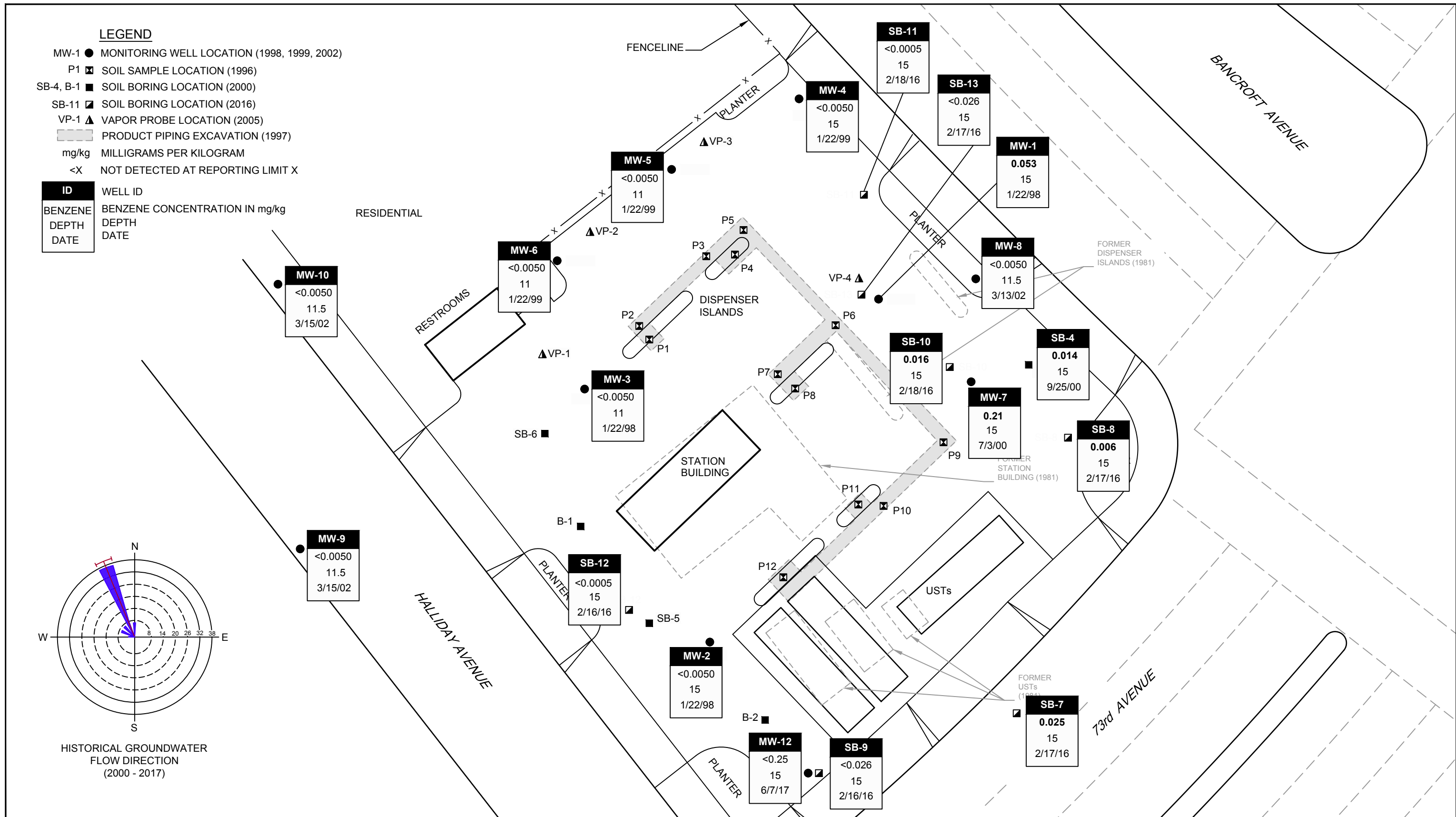
Figure 9



FORMER CHEVRON SERVICE STATION 93322
 7225 BANCROFT AVENUE
 OAKLAND, CALIFORNIA
**MAXIMUM BENZENE CONCENTRATIONS
 IN SOIL - >5 to 10 FBG**

311806-2017
 Nov 29, 2017

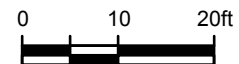
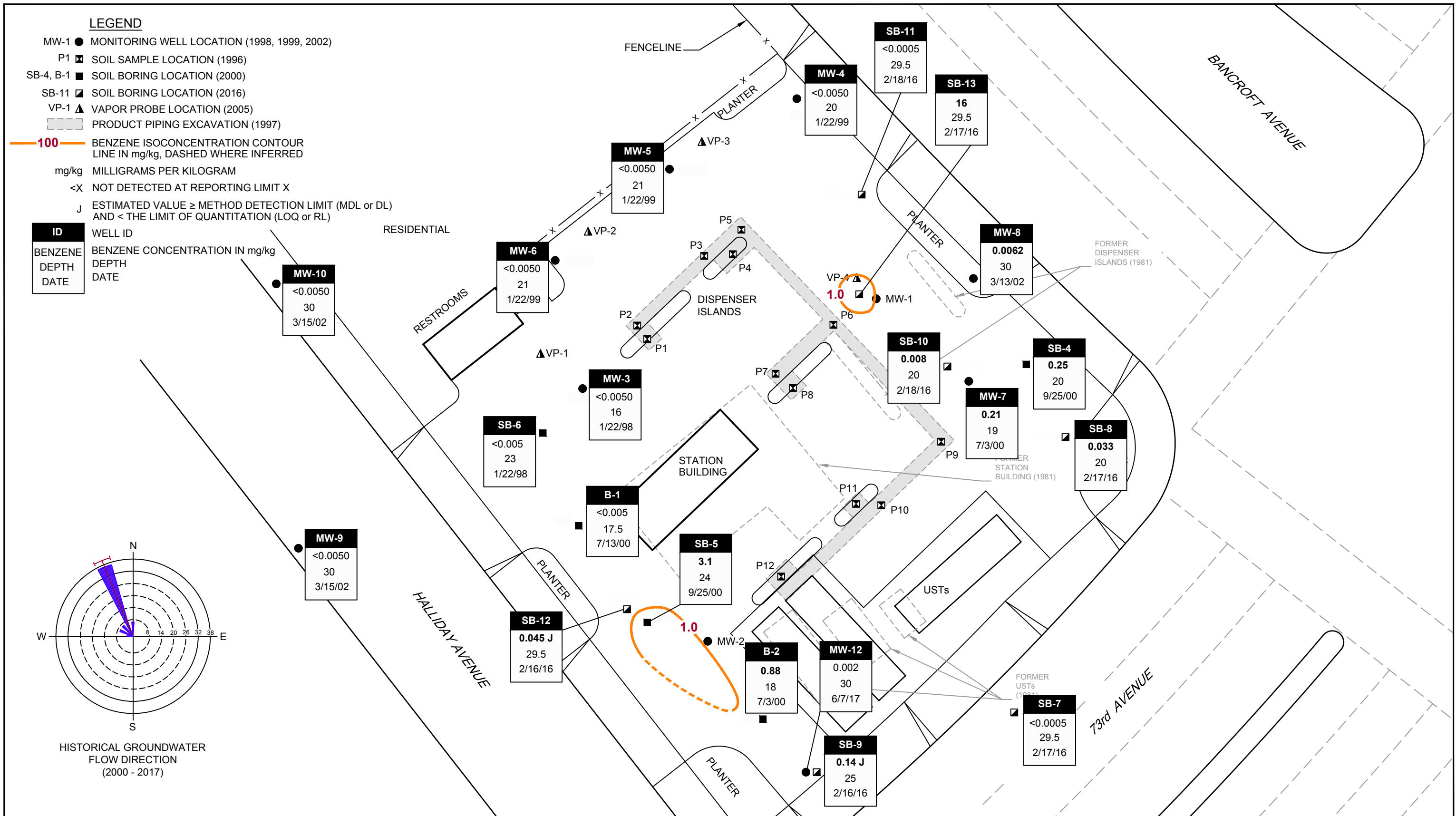
Figure 10



FORMER CHEVRON SERVICE STATION 93322
 7225 BANCROFT AVENUE
 OAKLAND, CALIFORNIA
**MAXIMUM BENZENE CONCENTRATIONS
 IN SOIL - >10 to 15 FBG**

311806-2017
 Nov 29, 2017

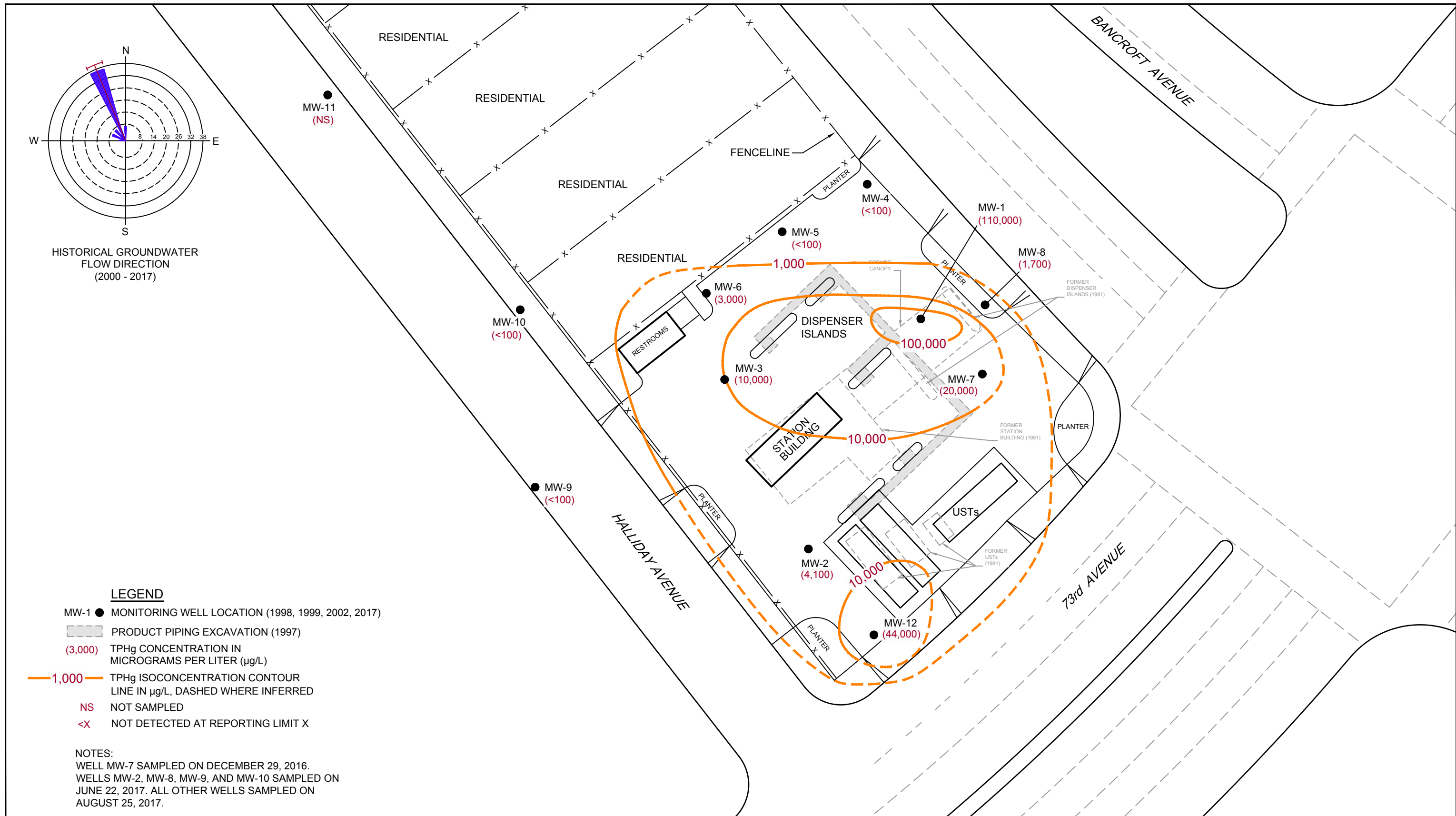
Figure 11



FORMER CHEVRON SERVICE STATION 93322
 7225 BANCROFT AVENUE
 OAKLAND, CALIFORNIA
**MAXIMUM BENZENE CONCENTRATIONS
 IN SOIL - >15 to 30 FBG**

311806-2017
 Nov 29, 2017

Figure 12



SOURCE: MORROW SURVEYING REPORTED DATED 6/8/17.

0 10 30ft

COORDINATE SYSTEM:
CALIFORNIA STATE PLANE
ZONE 3

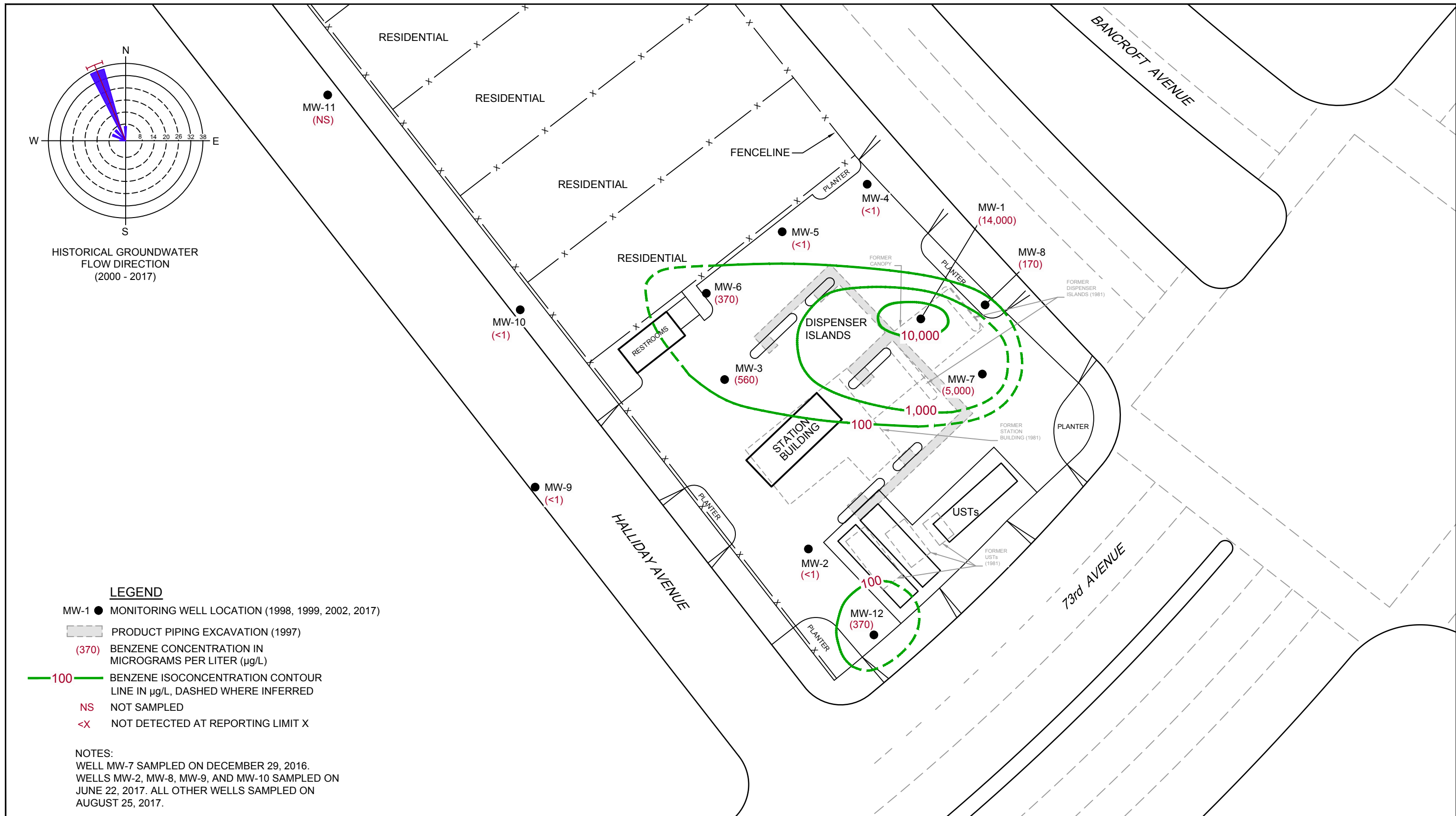


FORMER CHEVRON SERVICE STATION 93322
7225 BANCROFT AVENUE
OAKLAND, CALIFORNIA

TPHg IN GROUNDWATER

311806-2017
Nov 22, 2017

FIGURE 13



SOURCE: MORROW SURVEYING REPORTED DATED 6/8/17.

0 10 30ft

COORDINATE SYSTEM:
 CALIFORNIA STATE PLANE
 ZONE 3



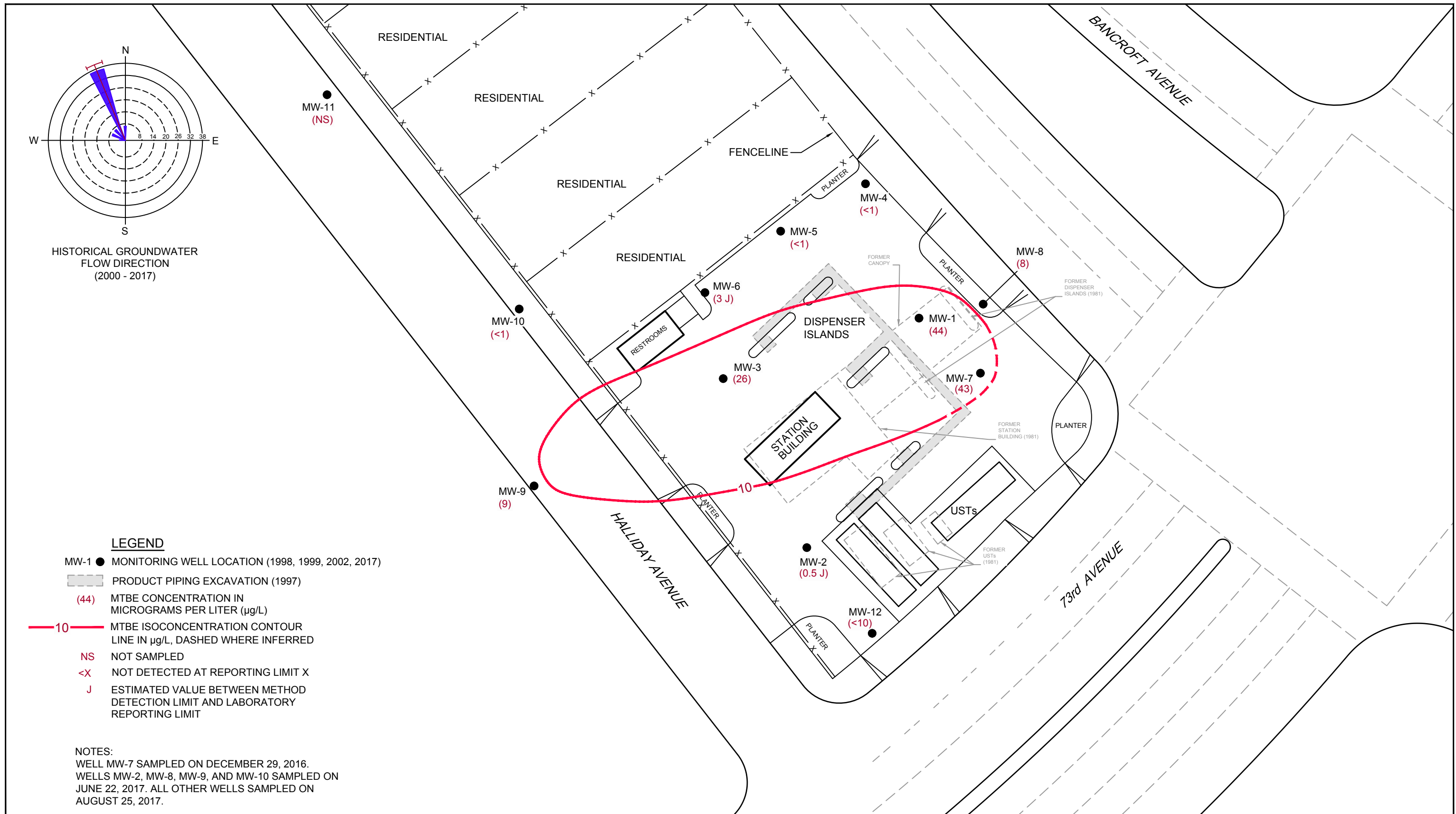
FORMER CHEVRON SERVICE STATION 93322
 7225 BANCROFT AVENUE
 OAKLAND, CALIFORNIA

BENZENE IN GROUNDWATER

311806-2017

Nov 22, 2017

FIGURE 14



SOURCE: MORROW SURVEYING REPORTED DATED 6/8/17.

0 10 30ft

COORDINATE SYSTEM:
 CALIFORNIA STATE PLANE
 ZONE 3



FORMER CHEVRON SERVICE STATION 93322
 7225 BANCROFT AVENUE
 OAKLAND, CALIFORNIA

MTBE IN GROUNDWATER

311806-2017

Nov 22, 2017

FIGURE 15

Tables

Table 1

Cumulative Soil Analytical Data - Hydrocarbons
Former Chevron Service Station 93322
7225 Bancroft Avenue
Oakland, California

Sample ID	Sample Date	Sample Depth (fbg)	TPHg	Benzene	Toluene	Ethylbenzene	Total Xylene	MTBE	Naphthalene	TBA	DIPE	ETBE	TAME	1,2-DCA	EDB	Ethanol	PAHs	Pesticides	PCBs
<i>LTC - Commercial - 0 to 5 fbg</i>			NE	8.2	NE	89	NE	NE	45	NE	NE	NE	NE	NE	NE	NE	0.68	NE	NE
<i>LTC - Commercial - Outdoor Air - 0 to</i>			NE	12	NE	134	NE	NE	45	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE
<i>LTC - Utility Worker - 0 to 10 fbg</i>			NE	14	NE	314	NE	NE	219	NE	NE	NE	NE	NE	NE	NE	4.5	NE	NE
2017 GHD Monitoring Wells																			
MW-11	6/6/2017	3.0	<1.0	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	--	--	--	--	--	--	--	--	--	--
MW-11	6/6/2017	5.0	<1.0	<0.26	<0.26	<0.26	<0.26	<0.26	<0.26	--	--	--	--	--	--	--	--	--	--
MW-11	6/6/2017	10.0	<1.0	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	--	--	--	--	--	--	--	--	--	--
MW-11	6/6/2017	16.0	<1	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	--	--	--	--	--	--	--	--	--	--
MW-11	6/6/2017	20.0	<1.0	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	--	--	--	--	--	--	--	--	--	--
MW-11	6/6/2017	26.0	<1.0	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	--	--	--	--	--	--	--	--	--	--
MW-11	6/6/2017	30.0	6.6 J	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	--	--	--	--	--	--	--	--	--	--
MW-11	6/6/2017	35.0	<1	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	--	--	--	--	--	--	--	--	--	--
MW-12	6/7/2017	3.0	<1.0	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	--	--	--	--	--	--	--	--	--	--
MW-12	6/7/2017	5.0	<1	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	--	--	--	--	--	--	--	--	--	--
MW-12	6/7/2017	10.0	<1	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	--	--	--	--	--	--	--	--	--	--
MW-12	6/7/2017	15.0	55	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	--	--	--	--	--	--	--	--	--	--
MW-12	6/7/2017	20.0	3.5	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	--	--	--	--	--	--	--	--	--	--
MW-12	6/7/2017	25.0	240	<0.24	<0.24	0.24 J	<0.24	<0.24	0.42	--	--	--	--	--	--	--	--	--	--
MW-12	6/7/2017	30.0	0.7 J	0.002 J	<0.005	<0.005	<0.005	0.001 J	0.001 J	--	--	--	--	--	--	--	--	--	--
2016 GHD Soil Borings																			
SB-7	2/17/16	3.0	1.8	0.002 J	<0.0009	<0.0009	<0.0009	<0.0005	0.0011 J	--	--	--	--	--	--	--	--	--	--
SB-7	2/17/16	5.0	<0.5	<0.0005	<0.001	<0.001	<0.001	<0.0005	0.0029	--	--	--	--	--	--	--	--	--	--
SB-7	2/17/16	10.0	1.4	0.004 J	<0.001	<0.001	<0.001	0.005 J	0.0037	--	--	--	--	--	--	--	--	--	--
SB-7	2/17/16	15.0	30	0.025	<0.001	0.007	0.001 J	0.004 J	0.037	--	--	--	--	--	--	--	--	--	--
SB-7	2/17/16	20.0	<0.5	<0.0005	<0.001	<0.001	<0.001	0.0009 J	0.00097 J	--	--	--	--	--	--	--	--	--	--
SB-7	2/17/16	25.0	<0.5	<0.0005	<0.0009	<0.0009	<0.0009	0.003 J	0.0015 J	--	--	--	--	--	--	--	--	--	--
SB-7	2/17/16	29.5	<0.5	<0.0005	<0.001	<0.001	<0.001	<0.0005	0.0012 J	--	--	--	--	--	--	--	--	--	--
SB-8	2/17/16	3.0	<0.5	0.0005 J	<0.001	<0.001	0.001 J	<0.0005	0.0024	--	--	--	--	--	--	--	--	--	--
SB-8	2/17/16	5.0	<0.5	<0.0005	<0.001	<0.001	<0.001	<0.0005	0.0013 J	--	--	--	--	--	--	--	--	--	--
SB-8	2/17/16	10.0	<0.5	0.0007 J	<0.001	<0.001	<0.001	<0.0005	0.0021	--	--	--	--	--	--	--	--	--	--
SB-8	2/17/16	15.0	6.3	0.006	<0.001	0.045	0.001 J	<0.0005	0.024	--	--	--	--	--	--	--	--	--	--
SB-8	2/17/16	20.0	0.7 J	0.033	0.001 J	0.008	0.024	0.002 J	0.0069	--	--	--	--	--	--	--	--	--	--

Table 1

Cumulative Soil Analytical Data - Hydrocarbons
Former Chevron Service Station 93322
7225 Bancroft Avenue
Oakland, California

Sample ID	Sample Date	Sample Depth (fbg)	TPHg	Benzene	Toluene	Ethylbenzene	Total Xylene	MTBE	Naphthalene	TBA	DIPE	ETBE	TAME	1,2-DCA	EDB	Ethanol	PAHs	Pesticides	PCBs
<i>LTC - Commercial - 0 to 5 fbg</i>			NE	8.2	NE	89	NE	NE	45	NE	NE	NE	NE	NE	NE	NE	0.68	NE	NE
<i>LTC - Commercial - Outdoor Air - 0 to</i>			NE	12	NE	134	NE	NE	45	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE
<i>LTC - Utility Worker - 0 to 10 fbg</i>			NE	14	NE	314	NE	NE	219	NE	NE	NE	NE	NE	NE	NE	4.5	NE	NE
SB-8	2/17/16	25.0	9.5	0.001 J	<0.001	<0.001	<0.001	0.003 J	0.0047	--	--	--	--	--	--	--	--	--	--
SB-8	2/17/16	29.5	<0.5	<0.0005	<0.001	<0.001	<0.001	<0.0005	0.0029	--	--	--	--	--	--	--	--	--	--
SB-9	2/16/16	3.0	<0.5	<0.0005	<0.001	<0.001	<0.001	<0.0005	0.00088 J	--	--	--	--	--	--	--	--	--	--
SB-9	2/16/16	5.0	<0.5	<0.0005	<0.001	<0.001	<0.001	<0.0005	<0.00066	--	--	--	--	--	--	--	--	--	--
SB-9	2/16/16	10.0	1.2	<0.0005	<0.001	<0.001	<0.001	0.001 J	0.015	--	--	--	--	--	--	--	--	--	--
SB-9	2/16/16	15.0	80	<0.026	<0.051	<0.051	<0.051	<0.026	<0.00066	--	--	--	--	--	--	--	--	--	--
SB-9	2/16/16	20.0	1.6	<0.0005	<0.001	<0.001	0.001 J	<0.0005	0.0048	--	--	--	--	--	--	--	--	--	--
SB-9	2/16/16	25.0	830	0.14 J	0.76	14	69	<0.026	9.6	--	--	--	--	--	--	--	--	--	--
SB-9	2/16/16	29.5	5.2	0.016	0.10	0.15	0.59	0.004 J	0.016	--	--	--	--	--	--	--	--	--	--
SB-10	2/18/16	3.0	6.4	0.002 J	<0.001	<0.001	0.009	<0.0005	0.0022	--	--	--	--	--	--	--	--	--	--
SB-10	2/18/16	5.0	1 J	0.0007 J	<0.001	<0.001	<0.001	<0.0005	<0.00066	--	--	--	--	--	--	--	--	--	--
SB-10	2/18/16	10.0	0.8 J	0.010	<0.001	<0.001	<0.001	0.002 J	<0.00067	--	--	--	--	--	--	--	--	--	--
SB-10	2/18/16	15.0	0.7 J	0.016	<0.001	<0.001	<0.001	0.004 J	0.00097 J	--	--	--	--	--	--	--	--	--	--
SB-10	2/18/16	20.0	1.8	0.008	<0.001	0.003 J	0.002 J	0.001 J	0.0035	--	--	--	--	--	--	--	--	--	--
SB-10	2/18/16	25.0	<0.5	<0.005	<0.001	<0.001	<0.001	<0.0005	<0.00067	--	--	--	--	--	--	--	--	--	--
SB-10	2/18/16	29.5	22	<0.023	<0.046	<0.046	<0.046	<0.023	0.0011 J	--	--	--	--	--	--	--	--	--	--
SB-11	2/18/16	3.0	<0.5	<0.0005	<0.0009	<0.0009	<0.0009	<0.0005	0.0026	--	--	--	--	--	--	--	--	--	--
SB-11	2/18/16	5.0	<0.5	<0.0005	<0.001	<0.001	<0.001	<0.0005	0.0013 J	--	--	--	--	--	--	--	--	--	--
SB-11	2/18/16	10.0	<0.5	<0.0005	<0.001	<0.001	<0.001	<0.0005	<0.00066	--	--	--	--	--	--	--	--	--	--
SB-11	2/18/16	15.0	<0.5	<0.0005	<0.001	<0.001	<0.001	<0.0005	0.00073 J	--	--	--	--	--	--	--	--	--	--
SB-11	2/18/16	20.0	<0.5	<0.0005	<0.001	<0.001	<0.001	<0.0005	0.0010 J	--	--	--	--	--	--	--	--	--	--
SB-11	2/18/16	25.0	<4.9	<0.0005	<0.001	<0.001	<0.001	<0.0005	0.0012 J	--	--	--	--	--	--	--	--	--	--
SB-11	2/18/16	29.5	<0.5	<0.0005	<0.001	<0.001	<0.001	<0.0005	<0.00066	--	--	--	--	--	--	--	--	--	--
SB-12	2/16/16	3.0	1.2	0.0007 J	<0.001	<0.001	0.001 J	0.0007 J	0.0031	--	--	--	--	--	--	--	--	--	--
SB-12	2/16/16	5.0	1	<0.0005	<0.001	<0.001	<0.001	<0.0005	<0.00066	--	--	--	--	--	--	--	--	--	--
SB-12	2/16/16	10.0	<0.5	<0.0005	<0.001	<0.001	<0.001	<0.0005	<0.00066	--	--	--	--	--	--	--	--	--	--
SB-12	2/16/16	15.0	14	<0.0005	<0.001	<0.001	<0.001	<0.0005	0.0036	--	--	--	--	--	--	--	--	--	--

Table 1

Cumulative Soil Analytical Data - Hydrocarbons
Former Chevron Service Station 93322
7225 Bancroft Avenue
Oakland, California

Sample ID	Sample Date	Sample Depth (fbg)	TPHg	Benzene	Toluene	Ethylbenzene	Total Xylene	Concentrations reported in milligrams per kilogram (mg/kg)											PAHs	Pesticides	PCBs
								MTBE	Napthalene	TBA	DIPE	ETBE	TAME	1,2-DCA	EDB	Ethanol					
<i>LTC - Commercial - 0 to 5 fbg</i>			NE	8.2	NE	89	NE	NE	45	NE	NE	NE	NE	NE	NE	NE	0.68	NE	NE		
<i>LTC - Commercial - Outdoor Air - 0 to</i>			NE	12	NE	134	NE	NE	45	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE		
<i>LTC - Utility Worker - 0 to 10 fbg</i>			NE	14	NE	314	NE	NE	219	NE	NE	NE	NE	NE	NE	NE	4.5	NE	NE		
SB-12	2/16/16	20.0	2.4	<0.0005	<0.001	<0.001	<0.001	<0.0005	0.0027	--	--	--	--	--	--	--	--	--	--		
SB-12	2/16/16	25.0	65	<0.026	<0.053	1.6	6.2	<0.026	0.75	--	--	--	--	--	--	--	--	--	--		
SB-12	2/16/16	29.5	110	0.045 J	0.049 J	0.44	2.6	<0.023	0.96	--	--	--	--	--	--	--	--	--	--		
SB-13	2/17/16	3.0	0.8 J	0.018	0.011	0.001 J	0.004 J	0.0006 J	0.0019	--	--	--	--	--	--	--	--	--	--		
SB-13	2/17/16	5.0	1.7	0.024	0.012	0.001 J	0.003 J	0.0007 J	0.0016 J	--	--	--	--	--	--	--	--	--	--		
SB-13	2/17/16	10.0	0.5 J	0.009	0.004 J	<0.001	0.002 J	0.001 J	0.00073 J	--	--	--	--	--	--	--	--	--	--		
SB-13	2/17/16	15.0	23	<0.026	<0.051	<0.051	<0.051	<0.026	0.054	--	--	--	--	--	--	--	--	--	--		
SB-13	2/17/16	20.0	1300	13	71	40	220	<0.52	7.7	--	--	--	--	--	--	--	--	--	--		
SB-13	2/17/16	25.0	610	2.6	11	7.8	44	<0.23	9.3	--	--	--	--	--	--	--	--	--	--		
SB-13	2/17/16	29.5	4400	16	92	66	340	<0.10	18	--	--	--	--	--	--	--	--	--	--		
2005 Cambria Soil Vapor Probe Installation																					
VP-1	04/21/05	5.0	<1.0	0.0006	0.001	<0.001	0.001	0.001	--	--	--	--	--	--	<0.001	--	--	--	--		
VP-1	04/21/05	10.0	<1.0	<0.0005	<0.001	<0.001	<0.001	0.0005	--	--	--	--	--	--	<0.001	--	--	--	--		
VP-2	04/22/05	5.0	<1.0	0.0007	<0.001	<0.001	0.001	<0.0005	--	--	--	--	--	--	<0.001	--	--	--	--		
VP-2	04/22/05	10.0	<1.0	<0.0005	<0.001	<0.001	<0.001	<0.0005	--	--	--	--	--	--	<0.001	--	--	--	--		
VP-3	04/22/05	5.0	<1.0	0.0007	0.002	0.001	0.005	<0.0005	--	--	--	--	--	--	<0.001	--	--	--	--		
VP-3	04/22/05	10.0	<1.0	<0.0005	<0.001	<0.001	<0.001	<0.0005	--	--	--	--	--	--	<0.001	--	--	--	--		
VP-4	04/22/05	5.0	<1.0	0.0008	0.002	0.001	0.007	<0.0005	--	--	--	--	--	--	<0.001	--	--	--	--		
VP-4	04/22/05	10.0	<1.0	<0.0005	<0.001	<0.001	<0.001	0.001	--	--	--	--	--	--	<0.001	--	--	--	--		
2002 Gettler-Ryan Well Installation																					
MW-8	3/13/2002	6.5	<1.0	<0.0050	<0.0050	<0.0050	<0.015	<0.050	--	--	--	--	--	--	--	--	--	--	--		
MW-8	3/13/2002	11.5	<1.0	<0.0050	<0.0050	<0.0050	<0.015	<0.050	--	--	--	--	--	--	--	--	--	--	--		
MW-8	3/13/2002	16.5	<1.0	<0.0050	<0.0050	<0.0050	<0.015	<0.050	--	--	--	--	--	--	--	--	--	--	--		
MW-8	3/13/2002	21.5	<1.0	<0.0050	<0.0050	<0.0050	<0.015	<0.050	--	--	--	--	--	--	--	--	--	--	--		
MW-8	3/13/2002	30.0	11	0.0062	<0.0050	<0.0050	<0.060	<0.050	--	--	--	--	--	--	--	--	--	--	--		

Table 1

**Cumulative Soil Analytical Data - Hydrocarbons
Former Chevron Service Station 93322
7225 Bancroft Avenue
Oakland, California**

Sample ID	Sample Date	Sample Depth (fbg)	TPHg	Benzene	Toluene	Ethylbenzene	Total Xylene	MTBE	Naphthalene	TBA	DIPE	ETBE	TAME	1,2-DCA	EDB	Ethanol	PAHs	Pesticides	PCBs
<i>LTC - Commercial - 0 to 5 fbg</i>			NE	8.2	NE	89	NE	NE	45	NE	NE	NE	NE	NE	NE	NE	0.68	NE	NE
<i>LTC - Commercial - Outdoor Air - 0 to</i>			NE	12	NE	134	NE	NE	45	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE
<i>LTC - Utility Worker - 0 to 10 fbg</i>			NE	14	NE	314	NE	NE	219	NE	NE	NE	NE	NE	NE	NE	4.5	NE	NE
MW-9	3/15/2002	11.5	<1.0	<0.0050	<0.0050	<0.0050	<0.015	<0.050	--	--	--	--	--	--	--	--	--	--	--
MW-9	3/15/2002	21.5	<1.0	<0.0050	<0.0050	<0.0050	<0.015	<0.050	--	--	--	--	--	--	--	--	--	--	--
MW-9	3/15/2002	30.0	<1.0	<0.0050	<0.0050	<0.0050	<0.015	<0.050	--	--	--	--	--	--	--	--	--	--	--
MW-10	3/15/2002	11.5	<1.0	<0.0050	<0.0050	<0.0050	<0.015	<0.050	--	--	--	--	--	--	--	--	--	--	--
MW-10	3/15/2002	21.5	<1.0	<0.0050	<0.0050	<0.0050	<0.015	<0.050	--	--	--	--	--	--	--	--	--	--	--
MW-10	3/15/2002	30.0	<1.0	<0.0050	<0.0050	<0.0050	<0.015	<0.050	--	--	--	--	--	--	--	--	--	--	--
2000 Cambria Additional Baseline Investigation																			
SB-4	09/25/00	3.0	<1.0	<0.005	<0.005	<0.005	0.014	<0.10*	<0.10	--	--	--	--	--	--	--	<0.10	0.00284b, 0.00208c	<20
SB-4	09/25/00	5.0	<1.0	<0.005	<0.005	<0.005	<0.005	<0.10*	<0.10	--	--	--	--	--	--	--	<0.10	0.00307b, 0.00210c	<20
SB-4	09/25/00	10.0	<1.0	<0.005	<0.005	<0.005	<0.005	<0.10*	<0.10	--	--	--	--	--	--	--	<0.10	ND	<20
SB-4	09/25/00	15.0	58	0.14	0.24	0.33	0.86	<0.10*	<0.10	--	--	--	--	--	--	--	<0.10	ND	<20
SB-4	09/25/00	18.0	96	0.25	0.62	1.3	5.7	<0.10*	0.58	--	--	--	--	--	--	--	0.86a	ND	<20
SB-4	09/25/00	20.0	21	0.25	0.58	0.25	1.3	<0.10*	<0.10	--	--	--	--	--	--	--	<0.10	ND	<20
SB-4	09/25/00	24.0	<1.0	<0.005	<0.005	<0.005	0.017	<0.10*	<0.10	--	--	--	--	--	--	--	<0.10	ND	<20
SB-5	09/25/00	3.0	<1.0	0.0081	0.0094	0.012	0.014	<0.10*	<0.10	--	--	--	--	--	--	--	<0.10	ND	<20
SB-5	09/25/00	5.0	<1.0	0.0051	0.0052	0.01	0.016	<0.10*	<0.10	--	--	--	--	--	--	--	<0.10	ND	<20
SB-5	09/25/00	10.0	<1.0	<0.005	<0.005	<0.005	0.016	<0.10*	<0.10	--	--	--	--	--	--	--	<0.10	ND	<20
SB-5	09/25/00	16.0	65	0.22	0.27	0.34	0.77	<0.10*	<0.10	--	--	--	--	--	--	--	<0.10	0.00746d	<20
SB-5	09/25/00	20.0	19	0.079	0.099	0.083	0.21	<0.10*	<0.10	--	--	--	--	--	--	--	<0.10	ND	<20
SB-5	09/25/00	24.0	1,400	3.1	10	28	150	<0.10*	<0.10	--	--	--	--	--	--	--	<0.10	ND	<20
SB-6	09/25/00	3.0	<1.0	<0.005	<0.005	<0.005	<0.005	<0.10*	<0.10	--	--	--	--	--	--	--	<0.10	ND	<20
SB-6	09/25/00	5.0	<1.0	<0.005	<0.005	<0.005	<0.005	<0.10*	<0.10	--	--	--	--	--	--	--	<0.10	ND	<20
SB-6	09/25/00	10.0	<1.0	<0.005	<0.005	<0.005	<0.005	<0.10*	<0.10	--	--	--	--	--	--	--	<0.10	0.00163c	<20
SB-6	09/25/00	23.0	<1.0	<0.005	<0.005	<0.005	<0.005	<0.10*	<0.10	--	--	--	--	--	--	--	<0.10	ND	<20

Table 1

Cumulative Soil Analytical Data - Hydrocarbons
Former Chevron Service Station 93322
7225 Bancroft Avenue
Oakland, California

Sample ID	Sample Date	Sample Depth (fbg)	TPHg	Benzene	Toluene	Ethylbenzene	Total Xylene	MTBE	Naphthalene	TBA	DIPE	ETBE	TAME	1,2-DCA	EDB	Ethanol	PAHs	Pesticides	PCBs
<i>LTC - Commercial - 0 to 5 fbg</i>			NE	8.2	NE	89	NE	NE	45	NE	NE	NE	NE	NE	NE	NE	0.68	NE	NE
<i>LTC - Commercial - Outdoor Air - 0 to</i>			NE	12	NE	134	NE	NE	45	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE
<i>LTC - Utility Worker - 0 to 10 fbg</i>			NE	14	NE	314	NE	NE	219	NE	NE	NE	NE	NE	NE	NE	4.5	NE	NE
2000 Gettler-Ryan Baseline Investigation																			
B-1	07/03/00	10.0	<1.0	<0.005	<0.005	<0.005	<0.005	<0.050	--	--	--	--	--	--	--	--	--	--	--
B-1	07/03/00	17.5	<1.0	<0.005	<0.005	<0.005	<0.005	0.083	--	--	--	--	--	--	--	--	--	--	--
B-2	07/03/00	5.0	<1.0	<0.005	<0.005	<0.005	<0.005	<0.050	--	--	--	--	--	--	--	--	--	--	--
B-2	07/03/00	10.0	<1.0	<0.005	<0.005	<0.005	<0.005	<0.050	--	--	--	--	--	--	--	--	--	--	--
B-2	07/03/00	18.0	140	0.88	1.1	5.8	1.1	1.7	--	--	--	--	--	--	--	--	--	--	--
B-3 (MW-7)	07/03/00	10.0	<1.0	0.016	<0.005	<0.005	0.01	<0.050	--	--	--	--	--	--	--	--	--	--	--
B-3 (MW-7)	07/03/00	15.0	94	0.21	0.68	1.9	8.7	<0.050	--	--	--	--	--	--	--	--	--	--	--
B-3 (MW-7)	07/03/00	19.0	58	0.21	0.52	1.2	5.9	<0.050	--	--	--	--	--	--	--	--	--	--	--
1999 Gettler-Ryan Monitoring Well Installation																			
MW-4	1/22/1999	11.0	<1.0	<0.0050	<0.0050	<0.0050	<0.0050	<0.050	--	--	--	--	--	--	--	--	--	--	--
MW-4	1/22/1999	15.0	<1.0	<0.0050	<0.0050	<0.0050	<0.0050	<0.050	--	--	--	--	--	--	--	--	--	--	--
MW-4	1/22/1999	20.0	<1.0	<0.0050	<0.0050	<0.0050	<0.0050	<0.050	--	--	--	--	--	--	--	--	--	--	--
MW-5	1/22/1999	11.0	<1.0	<0.0050	<0.0050	<0.0050	<0.0050	<0.050	--	--	--	--	--	--	--	--	--	--	--
MW-5	1/22/1999	16.0	<1.0	<0.0050	<0.0050	<0.0050	<0.0050	<0.050	--	--	--	--	--	--	--	--	--	--	--
MW-5	1/22/1999	21.0	<1.0	<0.0050	<0.0050	<0.0050	<0.0050	<0.050	--	--	--	--	--	--	--	--	--	--	--
MW-6	1/22/1999	10.5	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-6	1/22/1999	11.0	<1.0	<0.0050	<0.0050	<0.0050	<0.0050	<0.050	--	--	--	--	--	--	--	--	--	--	--
MW-6	1/22/1999	16.0	<1.0	<0.0050	<0.0050	<0.0050	<0.0050	<0.050	--	--	--	--	--	--	--	--	--	--	--
MW-6	1/22/1999	21.0	<1.0	<0.0050	<0.0050	<0.0050	<0.0050	<0.050	--	--	--	--	--	--	--	--	--	--	--
1998 Gettler-Ryan Well Installation																			
MW-1	1/22/1998	6.0	<1.0	<0.0050	<0.0050	<0.0050	<0.0050	<0.025	--	--	--	--	--	--	--	--	--	--	--
MW-1	1/22/1998	11.0	<1.0	<0.0050	<0.0050	<0.0050	<0.0050	<0.025	--	--	--	--	--	--	--	--	--	--	--
MW-1	1/22/1998	15.0	23	0.053	0.014	0.28	0.99	0.057	--	--	--	--	--	--	--	--	--	--	--

Table 1

Cumulative Soil Analytical Data - Hydrocarbons
Former Chevron Service Station 93322
7225 Bancroft Avenue
Oakland, California

Sample ID	Sample Date	Sample Depth (fbg)	TPHg	Benzene	Toluene	Ethylbenzene	Total Xylene	MTBE	Naphthalene	TBA	DIPE	ETBE	TAME	1,2-DCA	EDB	Ethanol	PAHs	Pesticides	PCBs
<i>LTC - Commercial - 0 to 5 fbg</i>			NE	8.2	NE	89	NE	NE	45	NE	NE	NE	NE	NE	NE	NE	0.68	NE	NE
<i>LTC - Commercial - Outdoor Air - 0 to</i>			NE	12	NE	134	NE	NE	45	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE
<i>LTC - Utility Worker - 0 to 10 fbg</i>			NE	14	NE	314	NE	NE	219	NE	NE	NE	NE	NE	NE	NE	4.5	NE	NE
MW-2	1/22/1998	6.0	<1.0	<0.0050	<0.0050	<0.0050	<0.0050	<0.025	--	--	--	--	--	--	--	--	--	--	--
MW-2	1/22/1998	11.0	<1.0	<0.0050	<0.0050	<0.0050	<0.0050	0.079	--	--	--	--	--	--	--	--	--	--	--
MW-2	1/22/1998	15.0	8.2	<0.0050	0.022	0.012	0.065	0.40	--	--	--	--	--	--	--	--	--	--	--
MW-3	1/22/1998	6.0	<1.0	<0.0050	<0.0050	<0.0050	<0.0050	<0.025	--	--	--	--	--	--	--	--	--	--	--
MW-3	1/22/1998	11.0	<1.0	<0.0050	<0.0050	<0.0050	<0.0050	<0.025	--	--	--	--	--	--	--	--	--	--	--
MW-3	1/22/1998	16.0	<1.0	<0.0050	<0.0050	<0.0050	<0.0050	<0.025	--	--	--	--	--	--	--	--	--	--	--
1996 Touchstone Piping Removal Report																			
P1	8/27/1996	2.0	<1.0	0.011	<0.0050	<0.0050	0.022	0.65	--	--	--	--	--	--	--	--	--	--	--
P2	8/27/1996	2.0	<1.0	<0.0050	<0.0050	<0.0050	0.024	0.47	--	--	--	--	--	--	--	--	--	--	--
P3	8/27/1996	2.0	<1.0	<0.0050	<0.0050	<0.0050	0.0074	0.15	--	--	--	--	--	--	--	--	--	--	--
P4	8/27/1996	2.0	<1.0	<0.0050	<0.0050	<0.0050	0.011	0.19	--	--	--	--	--	--	--	--	--	--	--
P5	8/27/1996	3.0	<1.0	<0.0050	0.0095	<0.0050	0.0072	<0.025	--	--	--	--	--	--	--	--	--	--	--
P6	8/27/1996	4.0	500	<1.0	8.1	7.3	59	<5.0	--	--	--	--	--	--	--	--	--	--	--
P7	8/27/1996	3.0	200	4.2	13	4.5	31	<5.0	--	--	--	--	--	--	--	--	--	--	--
P8	8/27/1996	3.0	250	1.6	10	5.3	32	<5.0	--	--	--	--	--	--	--	--	--	--	--
P9	8/27/1996	4.0	<1.0	<0.0050	0.0095	<0.0050	<0.0050	<0.025	--	--	--	--	--	--	--	--	--	--	--
P10	8/27/1996	4.0	40	0.33	1.8	0.56	1.7	1.1	--	--	--	--	--	--	--	--	--	--	--
P11	8/27/1996	3.0	<1.0	<0.0050	0.0095	<0.0050	0.0082	0.092	--	--	--	--	--	--	--	--	--	--	--
P12	8/27/1996	3.0	6	0.059	0.011	0.015	0.35	0.65	--	--	--	--	--	--	--	--	--	--	--

Notes:

Total petroleum hydrocarbons as gasoline (TPHg) analyzed by EPA Method 8015 unless otherwise noted.

Benzene, toluene, ethylbenzene, and xylenes analyzed by EPA Method 8260B; before February 26, 2008, analyzed by EPA Method 8020 unless otherwise noted

Methyl tertiary-butyl ether (MTBE) analyzed by EPA Method 8260B after 1998 and by EPA Method 8020 from 1998 and prior

T-butyl alcohol (TBA); di-isopropyl ether (DIPE); ethyl tertiary-butyl ether (ETBE); t-amyl methyl ether (TAME); 1,2-dichloroethane (1,2-DCA); 1,2-dibromoethane (EDB) and ethanol analyzed by EPA Method 8260B

Polycyclic aromatic hydrocarbons (PAHs) analyzed by EPA Method 8270B

Pesticides and polychlorinated biphenyls (PCBs) by EPA Method 8081A and 8082

NE = Not established

<x = Not detected at reporting limit x

--- = Not analyzed

fbg = feet below grade

Table 1

Cumulative Soil Analytical Data - Hydrocarbons
Former Chevron Service Station 93322
7225 Bancroft Avenue
Oakland, California

Sample ID	Sample Date	Sample Depth (fbg)	TPHg	Benzene	Toluene	Ethylbenzene	Total Xylene	MTBE	Napthalene	TBA	DIPE	ETBE	TAME	1,2-DCA	EDB	Ethanol	PAHs	Pesticides	PCBs
<i>Concentrations reported in milligrams per kilogram (mg/kg)</i>																			
<i>LTC - Commercial - 0 to 5 fbg</i>			<i>NE</i>	<i>8.2</i>	<i>NE</i>	<i>89</i>	<i>NE</i>	<i>NE</i>	<i>45</i>	<i>NE</i>	<i>NE</i>	<i>NE</i>	<i>NE</i>	<i>NE</i>	<i>NE</i>	<i>NE</i>	<i>0.68</i>	<i>NE</i>	<i>NE</i>
<i>LTC - Commercial - Outdoor Air - 0 to</i>			<i>NE</i>	<i>12</i>	<i>NE</i>	<i>134</i>	<i>NE</i>	<i>NE</i>	<i>45</i>	<i>NE</i>	<i>NE</i>	<i>NE</i>	<i>NE</i>	<i>NE</i>	<i>NE</i>	<i>NE</i>	<i>NE</i>	<i>NE</i>	<i>NE</i>
<i>LTC - Utility Worker - 0 to 10 fbg</i>			<i>NE</i>	<i>14</i>	<i>NE</i>	<i>314</i>	<i>NE</i>	<i>NE</i>	<i>219</i>	<i>NE</i>	<i>NE</i>	<i>NE</i>	<i>NE</i>	<i>NE</i>	<i>NE</i>	<i>NE</i>	<i>4.5</i>	<i>NE</i>	<i>NE</i>

ND = not detected above stated laboratory method detection limits

LTC = Low-threat Underground Storage Tank Case Closure Policy Criteria - California State Water Resources Control Board (SWRCB), August 2012, Low-Threat Undergroud Storage Tank Policy.

J = Estimated value \geq Method Detection Limit (MDL or DL) and $<$ the Limit of Quantitation (LOQ or RL)

a = 2-methylnaphthalene

b = Aldrin

c = heptaclor

d = delta-BHC

Table 2

**Groundwater Monitoring and Sampling Data
Former Chevron Service Station 93322
7225 Bancroft Avenue
Oakland, California**

Location	Date	TOC	DTW	GWE	LNAPLT	LNAPL REMOVED	HYDROCARBONS		PRIMARY VOCS					ADDITIONAL VOCS				
							TPH-GRO	B	T	E	X	MTBE by SW8260	MTBE by VOC	Ethanol	TBA	DIPE	ETBE	TAME
MW-1	02/08/1998	40.41	13.88	26.53	0.00	0.00	130,000	9,700	8,200	3,200	15,000	-	<250.0	-	-	-	-	-
MW-1	06/16/1998	40.41	14.23	26.18	0.00	0.00	96,000	15,000	12,000	2,600	11,000	-	1,300	-	-	-	-	-
MW-1	07/29/1998	40.41	17.82	22.59	0.00	0.00	370,000	19,000	14,000	5,800	15,000	-	<2,500	-	-	-	-	-
MW-1	08/13/1998	40.41	18.40	22.01	0.00	0.00	120,000	19,000	16,000	2,900	14,000	-	<1,000	-	-	-	-	-
MW-1	11/24/1998	40.41	20.80	19.61	0.00	0.00	100,000	26,000	18,000	4,000	22,000	-	2,000	-	-	-	-	-
MW-1	02/03/1999	40.41	17.45	22.96	0.00	0.00	110,000	27,000	16,000	3,800	22,000	-	<2.5	-	-	-	-	-
MW-1	06/07/1999	40.41	16.44	24.29	0.40	0.03	-	-	-	-	-	-	-	-	-	-	-	-
MW-1	09/07/1999	40.41	20.71	19.97	0.34	0.01	-	-	-	-	-	-	-	-	-	-	-	-
MW-1	10/27/1999	40.41	21.75	18.93	0.34	0.03	-	-	-	-	-	-	-	-	-	-	-	-
MW-1	02/08/2000	40.41	17.97	22.44	0.00	0.00	147,000	19,600	13,700	4,020	21,300	-	<2,500	-	-	-	-	-
MW-1	05/05/2000	40.41	16.05	24.36	0.00	0.00	150,000 ²	28,000	17,000	4,400	23,000	-	<1,000	-	-	-	-	-
MW-1	07/28/2000	40.41	19.20	21.21	0.00	0.00	76,000 ²	20,000	15,000	3,400	23,000	-	1,200	-	-	-	-	-
MW-1	11/26/2000	40.41	20.18	20.44	0.26	0.26 ⁴	-	-	-	-	-	-	-	-	-	-	-	-
MW-1	02/09/2001	40.41	18.03	22.40	0.03	0.26 ⁴	-	-	-	-	-	-	-	-	-	-	-	-
MW-1	05/11/2001	40.41	15.10	25.31	0.00	0.00	89,000 ²	21,000	12,000	3,200	14,000	-	<500	-	-	-	-	-
MW-1	08/30/2001	40.41	20.42	20.05	0.07	0.26 ⁴	-	-	-	-	-	-	-	-	-	-	-	-
MW-1	11/21/2001	40.41	20.52	20.11	0.27	0.00	-	-	-	-	-	-	-	-	-	-	-	-
MW-1	02/05/2002	40.41	14.63	25.79	0.01	0.00	130,000	16,000	13,000	4,200	23,000	-	<30.0	-	-	-	-	-
MW-1	04/01/2002	37.40	12.37	25.03	0.00	0.00	-	-	-	-	-	-	-	-	-	-	-	-
MW-1	08/05/2002	37.40	12.94	24.46	0.00	0.00	230,000	12,000	9,000	5,500	28,000	-	280	-	-	-	-	-
MW-1	11/04/2002	37.40	20.03	17.37	0.00	0.00	130,000	24,000	15,000	3,900	20,000	-	<60	-	-	-	-	-
MW-1	02/03/2003	37.40	14.18	23.22	0.00	0.00	100,000	13,000	8,900	3,000	15,000	-	<130.0	-	-	-	-	-
MW-1	05/02/2003	37.40	13.28	24.12	0.00	0.00	140,000	9,900	5,900	4,200	21,000	-	<130	-	-	-	-	-
MW-1	08/01/2003 ⁷	37.40	16.82	20.58	0.00	0.00	250,000	16,000	7,300	3,700	19,000	45	-	-	-	-	-	-
MW-1	11/21/2003 ⁷	37.40	18.34	19.06	0.00	0.00	110,000	18,000	9,500	3,000	17,000	<10	-	-	-	-	-	-

Table 2

**Groundwater Monitoring and Sampling Data
Former Chevron Service Station 93322
7225 Bancroft Avenue
Oakland, California**

Location	Date	TOC	DTW	GWE	LNAPLT	LNAPL REMOVED	HYDROCARBONS		PRIMARY VOCs					ADDITIONAL VOCs					
							TPH-GRO	B	T	E	X	MTBE by SW8260	MTBE by VOC	Ethanol	TBA	DIPE	ETBE	TAME	
	Units	ft	ft	ft-amsl	ft	gal	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
MW-1	02/10/2004 ⁷	37.40	13.51	23.89	0.00	0.00	51,000	4,800	1,700	760	6,400	20	-	-	-	-	-	-	-
MW-1	05/11/2004 ⁷	37.40	14.35	23.05	0.00	0.00	80,000	13,000	6,500	2,800	14,000	61	-	-	-	-	-	-	-
MW-1	08/10/2004 ⁷	37.40	16.80	20.61	0.01	0.00	100,000	14,000	8,700	3,200	17,000	<25	-	-	-	-	-	-	-
MW-1	11/08/2004	37.40	15.63	21.89	0.15	1.30 ⁴	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-1	02/21/2005	37.40	11.84	25.98	0.52	0.60 ⁴	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-1	05/10/2005	37.40	11.49	26.11	0.25	1.11 ⁴	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-1	05/12/2005	37.40	14.44	22.98	0.03	1.01 ⁴	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-1	11/11/2005	37.40	18.58	19.13	0.39	0.75 ⁴	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-1	02/20/2006	37.40	12.66	25.33	0.74	0.25 ⁴	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-1	05/12/2006	37.40	10.71	26.92	0.29	0.05 ⁴	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-1	08/14/2006	37.40	15.82	21.78	0.25	0.02 ⁴	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-1	11/08/2006	37.40	18.49	19.21	0.38	0.55 ⁴	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-1	02/07/2007	37.40	15.48	21.98	0.08	0.06 ¹⁰	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-1	05/07/2007	37.40	4.83	32.77	0.25	0.39 ⁴	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-1	08/03/2007	37.40	18.06	19.76	0.52	0.52 ⁴	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-1	10/12/2007	37.40	19.29	18.13	0.03	0.16 ⁴	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-1	11/02/2007 ⁷	37.40	19.18	18.22	0.00	0.00	140,000	9,800	9,500	4,100	20,000	<10	-	-	-	-	-	-	-
MW-1	12/07/2007 ⁷	37.40	19.06	18.34	0.00	0.00	130,000	11,000	11,000	3,800	20,000	10	-	-	-	-	-	-	-
MW-1	02/01/2008 ⁷	37.40	13.45	23.95	0.00	0.00	61,000	2,200	2,000	2,000	10,000	11	-	-	-	-	-	-	-
MW-1	05/09/2008 ⁷	37.40	15.10	22.30	0.00	0.00	81,000	13,000	10,000	3,500	18,000	30	-	-	-	-	-	-	-
MW-1	08/22/2008 ⁷	37.40	18.63	18.77	0.00	0.00	210,000	13,000	8,800	7,300	37,000	<50	-	-	-	-	-	-	-
MW-1	11/26/2008 ⁷	37.40	20.09	17.31	0.00	0.00	68,000	15,000	9,100	3,600	17,000	<25	-	-	-	-	-	-	-
MW-1	05/20/2009	37.40	19.48	17.92	0.00	0.00	58,000	11,000	12,000	15,000	59,000	<50	-	<5,000	-	-	-	-	-
MW-1	08/26/2009	37.40	19.06	18.34	0.00	0.00	340,000	17,000	13,000	8,000	43,000	<25	-	<2,500	-	-	-	-	-
MW-1	11/12/2009	37.40	17.72	19.68	0.00	0.00	140,000	16,000	10,000	4,400	23,000	<10	-	<1,000	-	-	-	-	-

Table 2

**Groundwater Monitoring and Sampling Data
Former Chevron Service Station 93322
7225 Bancroft Avenue
Oakland, California**

Location	Date	TOC	DTW	GWE	LNAPLT	LNAPL REMOVED	HYDROCARBONS		PRIMARY VOCs					ADDITIONAL VOCs					
							TPH-GRO	B	T	E	X	MTBE by SW8260	MTBE by VOC	Ethanol	TBA	DIPE	ETBE	TAME	
	Units	ft	ft	ft-amsl	ft	gal	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
MW-1	02/01/2010	37.40	12.80	24.60	0.00	0.00	110,000	7,100	6,100	4,000	20,000	7 J	-	<500	-	-	-	-	-
MW-1	05/17/2010	37.40	11.14	26.26	0.00	0.00	75,000	7,200	3,600	2,700	12,000	31	-	<500	-	-	-	-	-
MW-1	08/26/2010	37.40	15.40	22.00	0.00	0.00	96,000	12,000	5,400	3,600	16,000	59	-	<500	-	-	-	-	-
MW-1	11/11/2010	37.40	17.70	19.70	0.00	0.00	120,000	13,000	6,600	2,700	13,000	26	-	<1,000	-	-	-	-	-
MW-1	02/10/2011	37.40	13.03	24.37	0.00	0.00	52,000	7,100	3,800	2,800	12,000	25	-	<1,000	-	-	-	-	-
MW-1	06/17/2011	37.40	12.35	25.05	0.00	0.00	30,000	3,600	940	1,000	3,200	52	-	<500	-	-	-	-	-
MW-1	09/08/2011	37.40	15.68	21.72	0.00	0.00	98,000	13,000	6,600	3,700	14,000	59	-	<1,000	-	-	-	-	-
MW-1	12/16/2011	37.40	16.47	20.93	0.00	0.00	140,000	14,000	6,500	2,900	12,000	47 J	-	<2,500	-	-	-	-	-
MW-1	03/02/2012	37.40	16.55	20.85	0.00	0.00	130,000	14,000	7,400	3,100	14,000	31	-	<1,000	-	-	-	-	-
MW-1	06/08/2012	37.40	14.11	23.29	0.00	0.00	120,000	8,900	2,900	2,600	11,000	86	-	<500	-	-	-	-	-
MW-1	09/14/2012	37.40	18.10	19.30	0.00	0.00	280,000	18,000	8,200	4,600	22,000	74	-	<2,500	110 J	<25	<25	<25	<25
MW-1	12/21/2012	37.40	13.61	23.79	0.00	0.00	120,000	12,000	6,800	3,000	15,000	<100	-	<10,000	-	-	-	-	-
MW-1	04/01/2013	37.40	15.63	21.77	0.00	0.00	120,000	15,000	8,200	4,400	18,000	77	-	<250	-	-	-	-	-
MW-1	6/28/2013	37.40	17.34	20.06	0.00	0.00	130,000	16,000	10,000	3,500	17,000	34	-	<500	-	-	-	-	-
MW-1	9/20/2013	37.40	19.21	18.19	0.00	0.00	130,000	19,000	12,000	4,000	19,000	27	-	<1,000	-	-	-	-	-
MW-1	12/30/2013	37.40	20.72	16.68	0.00	0.00	140,000	18,000	13,000	6,600	34,000	21	-	<1,000	-	-	-	-	-
MW-1	03/31/2014	37.40	15.78	21.62	0.00	0.00	130,000	17,000	8,600	3,500	17,000	<25	-	<2,500	-	-	-	-	-
MW-1	06/30/2014	37.40	17.34	20.06	0.00	0.00	90,000	12,000	7,400	2,800	14,000	21	-	<1,000	-	-	-	-	-
MW-1	09/22/2014	37.40	20.31	17.09	0.00	0.00	120,000	14,000	9,600	4,000	19,000	28 J	-	<2,500	-	-	-	-	-
MW-1	12/23/2014	37.40	13.75	23.65	0.00	0.00	93,000	8,900	5,700	3,400	15,000	11 J	-	<1,000	-	-	-	-	-
MW-1	03/05/2015	37.40	15.96	21.44	0.00	0.00	110,000	9,600	4,100	4,000	19,000	54	-	<100	-	-	-	-	-
MW-1	06/23/2015	37.40	18.61	18.79	0.00	0.00	100,000	14,000	8,700	4,100	20,000	<50	-	<5,000	<200	<50	<50	<50	<50
MW-1	09/23/2015 ^{15,16}	37.40	21.46	16.01	0.09	0.00	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-1	12/29/2015	37.40	18.76	18.64	0.00	0.00	84,000	7,800	5,200	2,200	10,000	-	-	<2,500	-	-	-	-	-
MW-1	03/29/2016	37.40	12.30	25.10	0.00	0.00	48,000	4,200	1,400	1,100	5,100	33	-	<2,500	84	<10	<10	<10	<10

Table 2

**Groundwater Monitoring and Sampling Data
Former Chevron Service Station 93322
7225 Bancroft Avenue
Oakland, California**

Location	Date	TOC	DTW	GWE	LNAPLT	LNAPL REMOVED	HYDROCARBONS		PRIMARY VOCs					ADDITIONAL VOCs					
							TPH-GRO	B	T	E	X	MTBE by SW8260	MTBE by VOC	Ethanol	TBA	DIPE	ETBE	TAME	
	Units	ft	ft	ft-amsl	ft	gal	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
MW-1	07/14/2016	37.40	18.36	19.04	0.00	0.00	100,000	12,000	6,100	2,600	12,000	23	-	<2,500	-	-	-	-	-
MW-1	09/28/2016	37.40	21.02	16.38	0.00	0.00	97,000	14,000	7,000	2,900	14,000	17 J	-	<5,000	170	<20	<20	<20	<20
MW-1	12/29/2016	37.40	15.03	22.37	0.00	0.00	59,000	2,000	1,000	1,200	6,000	<100	-	<25,000	-	-	-	-	-
MW-1	03/07/2017 ¹⁷	37.40	9.86	27.54	0.00	0.00	29,000	2,800	640	770	3,000	34	-	<5,000	-	-	-	-	-
MW-1	06/22/2017	37.40	13.98	23.42	0.00	0.00	94,000	8,900	4,900	2,500	12,000	65	-	<13,000	540	<50	<50	<50	<50
MW-1	08/25/2017	37.40	17.79	19.61	0.00	0.00	110,000	14,000	6,700	2,700	12,000	44 J	-	<13,000	120 J	<50	<50	<50	<50
MW-2	02/08/1998	38.73	7.60	31.13	0.00	0.00	24,000	130	170	450	1,900	-	2,300	-	-	-	-	-	-
MW-2	06/16/1998	38.73	9.12	29.61	0.00	0.00	8,900	31	46	310	1,100	-	260	-	-	-	-	-	-
MW-2	07/29/1998	38.73	11.67	27.06	0.00	0.00	7,600	15	21	150	480	-	82	-	-	-	-	-	-
MW-2	08/13/1998	38.73	12.41	26.32	0.00	0.00	14,000	26	80	500	2,100	-	32	-	-	-	-	-	-
MW-2	11/24/1998	38.73	15.63	23.10	0.00	0.00	37,000	63	220	1,300	7,100	-	770	-	-	-	-	-	-
MW-2	02/03/1999	38.73	11.57	27.16	0.00	0.00	16,000	140	110	850	3,100	-	900	-	-	-	-	-	-
MW-2	06/07/1999	38.73	10.95	27.78	0.00	0.00	4,300	<10	<10	120	260	-	160	-	-	-	-	-	-
MW-2	09/07/1999	38.73	12.73	26.00	0.00	0.00	10,700	50.5	<25	297	1,020	-	<250	-	-	-	-	-	-
MW-2	10/27/1999	38.73	12.71	26.02	0.00	0.00	7,240	53.8	31.9	234	654	-	448	-	-	-	-	-	-
MW-2	02/08/2000	38.73	10.14	28.59	0.00	0.00	10,100	42.9	18.4	424	1,480	-	206	-	-	-	-	-	-
MW-2	05/05/2000	38.73	10.12	28.61	0.00	0.00	7,800 ²	34	22	320	1,100	-	170	-	-	-	-	-	-
MW-2	07/28/2000	38.73	12.57	26.16	0.00	0.00	6,700 ²	40	13	490	540	-	190	-	-	-	-	-	-
MW-2	11/26/2000	38.73	11.90	26.83	0.00	0.00	8,200 ²	21	9.5	400	1,100	-	120	-	-	-	-	-	-
MW-2	02/09/2001	38.73	12.20	26.53	0.00	0.00	11,200 ³	<50.0	<50.0	629	1,380	-	282	-	-	-	-	-	-
MW-2	05/11/2001	38.73	8.98	29.75	0.00	0.00	6,800 ²	39	19	370	1,100	-	67	-	-	-	-	-	-
MW-2	08/30/2001	38.73	12.90	25.83	0.00	0.00	17,000	67	<25	750	2,100	-	360	-	-	-	-	-	-
MW-2	11/21/2001	38.73	13.12	25.61	0.00	0.00	3,500	14	<5.0	100	51	-	610	-	-	-	-	-	-
MW-2	02/05/2002	38.73	8.35	30.38	0.00	0.00	10,000	5.5	<10	330	960	-	63	-	-	-	-	-	-

Table 2

**Groundwater Monitoring and Sampling Data
Former Chevron Service Station 93322
7225 Bancroft Avenue
Oakland, California**

Location	Date	TOC	DTW	GWE	LNAPLT	LNAPL REMOVED	HYDROCARBONS		PRIMARY VOCs					ADDITIONAL VOCs					
							TPH-GRO	B	T	E	X	MTBE by SW8260	MTBE by VOC	Ethanol	TBA	DIPE	ETBE	TAME	
																			Units
MW-2	04/01/2002	35.72	7.81	27.91	0.00	0.00	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-2	08/05/2002	35.72	15.91	19.81	0.00	0.00	8,800	18	8.2	220	630	-	220	-	-	-	-	-	-
MW-2	11/04/2002	35.72	14.14	21.58	0.00	0.00	14,000	28	10	670	1,600	-	440	-	-	-	-	-	-
MW-2	02/03/2003	35.72	10.00	25.72	0.00	0.00	7,200	6.2	2.7	140	430	-	50	-	-	-	-	-	-
MW-2	05/02/2003	35.72	8.31	27.41	0.00	0.00	12,000	<20	3.9	350	1,500	-	150	-	-	-	-	-	-
MW-2	08/01/2003 ⁷	35.72	12.66	23.06	0.00	0.00	12,000	14	4	330	730	140	-	-	-	-	-	-	-
MW-2	11/21/2003 ⁷	35.72	12.67	23.05	0.00	0.00	15,000	13	4	400	1,500	100	-	-	-	-	-	-	-
MW-2	02/10/2004 ⁷	35.72	5.20	30.52	0.00	0.00	17,000	9	3	420	1,600	72	-	-	-	-	-	-	-
MW-2	05/11/2004 ⁷	35.72	9.83	25.89	0.00	0.00	4,800	1	0.6	140	440	81	-	-	-	-	-	-	-
MW-2	08/10/2004 ⁷	35.72	11.81	23.91	0.00	0.00	11,000	8	1	340	1,100	35	-	-	-	-	-	-	-
MW-2	11/08/2004 ⁷	35.72	11.59	24.13	0.00	0.00	11,000	6	2	260	810	25	-	-	-	-	-	-	-
MW-2	01/11/2005	-	-	-	-	-	4,500	4	1	120	310	7	-	-	-	-	-	-	-
MW-2	02/21/2005 ⁷	35.72	7.74	27.98	0.00	0.00	16,000	5	2	500	1,700	10	-	-	-	-	-	-	-
MW-2	05/10/2005 ⁷	35.72	8.11	27.61	0.00	0.00	8,400	3	<1	290	750	6	-	-	-	-	-	-	-
MW-2	08/12/2005 ⁷	35.72	11.32	24.40	0.00	0.00	5,800	4	0.7	150	370	30	-	-	-	-	-	-	-
MW-2	11/11/2005 ⁷	35.72	12.58	23.14	0.00	0.00	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-2	02/20/2006 ⁷	35.72	7.41	28.31	0.00	0.00	5,700	1	<0.5	190	380	0.7	-	-	-	-	-	-	-
MW-2	05/12/2006 ⁷	35.72	7.02	28.70	0.00	0.00	9,100	2	<0.5	210	440	1	-	-	-	-	-	-	-
MW-2	08/14/2006 ⁷	35.72	11.38	24.34	0.00	0.00	2,400	2	<0.5	42	98	20	-	-	-	-	-	-	-
MW-2	11/08/2006 ⁷	35.72	13.42	22.30	0.00	0.00	5,700	4	0.9	87	190	7	-	-	-	-	-	-	-
MW-2	02/07/2007 ⁷	35.72	11.98	23.74	0.00	0.00	5,500	9	2	85	120	7	-	-	-	-	-	-	-
MW-2	05/07/2007 ⁷	35.72	11.22	24.50	0.00	0.00	8,700	1	<0.5	150	330	5	-	-	-	-	-	-	-
MW-2	08/03/2007 ⁷	35.72	17.19	18.53	0.00	0.00	2,600	<0.5	<0.5	10	28	2	-	-	-	-	-	-	-
MW-2	10/12/2007 ⁷	35.72	14.89	20.83	0.00	0.00	9,300	7	0.6	100	120	4	-	-	-	-	-	-	-
MW-2	11/02/2007 ⁷	35.72	15.58	20.14	0.00	0.00	11,000	3	0.7	220	590	2	-	-	-	-	-	-	-

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7225 Bancroft Avenue
Oakland, California**

Location	Date	TOC	DTW	GWE	LNAPLT	LNAPL REMOVED	HYDROCARBONS		PRIMARY VOCs					ADDITIONAL VOCs					
							TPH-GRO	B	T	E	X	MTBE by SW8260	MTBE by VOC	Ethanol	TBA	DIPE	ETBE	TAME	
	Units	ft	ft	ft-amsl	ft	gal	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
MW-2	12/07/2007 ⁷	35.72	19.29	16.43	0.00	0.00	9,500	3	<1	210	480	2	-	-	-	-	-	-	-
MW-2	02/01/2008 ⁷	35.72	8.76	26.96	0.00	0.00	8,100	2	0.7	190	440	4	-	-	-	-	-	-	-
MW-2	05/09/2008 ⁷	35.72	11.22	24.50	0.00	0.00	4,000	1	<0.5	98	110	3	-	-	-	-	-	-	-
MW-2	08/22/2008 ⁷	35.72	13.87	21.85	0.00	0.00	9,600 ¹²	1	<0.5	230	360	0.9	-	-	-	-	-	-	-
MW-2	11/26/2008 ⁷	35.72	17.48	18.24	0.00	0.00	13,000	9	1	340	570	3	-	-	-	-	-	-	-
MW-2	05/20/2009	35.72	10.70	25.02	0.00	0.00	12,000	3	<1	250	290	2 J	-	<130	-	-	-	-	-
MW-2	08/26/2009	35.72	12.98	22.74	0.00	0.00	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-2	11/12/2009	35.72	12.13	23.59	0.00	0.00	14,000	3	0.8 J	180	250	13	-	<50	-	-	-	-	-
MW-2	05/17/2010	35.72	11.96	23.76	0.00	0.00	3,300	<0.5	<0.5	36	34	3	-	<50	-	-	-	-	-
MW-2	08/26/2010 ¹¹	35.72	12.10	23.62	0.00	0.00	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-2	11/11/2010	35.72	13.72	22.00	0.00	0.00	9,000	6	1 J	61	30	5	-	<50	-	-	-	-	-
MW-2	02/10/2011 ¹³	35.72	9.46	26.26	0.00	0.00	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-2	06/17/2011	35.72	8.68	27.04	0.00	0.00	9,300	3	<1	92	55	4	-	<100	-	-	-	-	-
MW-2	09/08/2011	35.72	9.69	26.03	0.00	0.00	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-2	12/16/2011	35.72	12.18	23.54	0.00	0.00	5,700	1	<0.5	36	19	<0.5	-	<50	-	-	-	-	-
MW-2	03/02/2012 ¹³	35.72	12.09	23.63	0.00	0.00	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-2	06/08/2012	35.72	11.08	24.64	0.00	0.00	5,600	<5	<5	48	24	<5	-	<500	-	-	-	-	-
MW-2	09/14/2012 ¹³	35.72	13.57	22.15	0.00	0.00	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-2	12/21/2012	35.72	8.52	27.20	0.00	0.00	3,100	<5	<5	23	12	<5	-	<500	-	-	-	-	-
MW-2	04/01/2013 ¹³	35.72	11.90	23.82	0.00	0.00	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-2	06/28/2013	35.72	13.61	22.11	0.00	0.00	6,700	2	<0.5	36	9	<0.5	-	<50	-	-	-	-	-
MW-2	09/20/2013 ¹³	35.72	14.02	21.70	0.00	0.00	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-2	12/30/2013	35.72	14.68	21.04	0.00	0.00	7,700	4	0.8 J	31	6	0.7 J	-	<50	-	-	-	-	-
MW-2	03/31/2014 ¹³	35.72	11.59	24.13	0.00	0.00	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-2	06/30/2014	35.72	13.12	22.60	0.00	0.00	8,200	2	0.6 J	59	9	1	-	<50	-	-	-	-	-

Table 2

**Groundwater Monitoring and Sampling Data
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7225 Bancroft Avenue
Oakland, California**

Location	Date	TOC	DTW	GWE	LNAPLT	LNAPL REMOVED	HYDROCARBONS		PRIMARY VOCs					ADDITIONAL VOCs					
							TPH-GRO	B	T	E	X	MTBE by SW8260	MTBE by VOC	Ethanol	TBA	DIPE	ETBE	TAME	
	Units	ft	ft	ft-amsl	ft	gal	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
MW-2	09/22/2014 ¹³	35.72	15.20	20.52	0.00	0.00	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-2	12/23/2014	35.72	7.90	27.82	0.00	0.00	4,600	0.8 J	<0.5	20	4	2	-	<50	-	-	-	-	-
MW-2	03/05/2015 ¹³	35.72	10.70	25.02	0.00	0.00	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-2	06/23/2015	35.72	12.80	22.92	0.00	0.00	8,400	<3	<3	60	7	<3	-	<250	<10	<3	<3	<3	<3
MW-2	09/23/2015 ¹³	35.72	15.42	20.30	0.00	0.00	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-2	12/29/2015	35.72	10.74	24.98	0.00	0.00	5,200	0.6 J	<0.5	15	3	-	-	<50	-	-	-	-	-
MW-2	03/29/2016 ¹¹	35.72	7.50	28.22	0.00	0.00	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-2	07/14/2016	35.72	12.35	23.37	0.00	0.00	710	<1	<1	<1	<1	<1	-	<250	-	-	-	-	-
MW-2	09/28/2016 ¹³	35.72	13.90	21.82	0.00	0.00	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-2	12/29/2016	35.72	8.90	26.82	0.00	0.00	6,500	<10	<10	13	<10	<10	-	<2,500	-	-	-	-	-
MW-2	03/07/2017 ¹³	35.72	5.57	30.15	0.00	0.00	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-2	06/22/2017	35.72	9.70	26.02	0.00	0.00	4,100	<1	<1	9	0.6 J	0.5 J	-	<250	3 J	<1	<1	<1	<1
MW-2	08/25/2017¹⁷	35.72	13.11	22.61	0.00	0.00	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-3	02/08/1998	39.51	14.60	24.91	0.00	0.00	94,000	12,000	4,400	2,000	10,000	-	8,000	-	-	-	-	-	-
MW-3	06/16/1998	39.51	13.98	25.53	0.00	0.00	38,000	5,600	1,400	1,200	4,700	-	4,600 ¹ /6,300	-	-	-	-	-	-
MW-3	07/29/1998	39.51	17.37	22.14	0.00	0.00	58,000	4,100	700	1,300	4,200	-	4,100	-	-	-	-	-	-
MW-3	08/13/1998	39.51	18.22	21.29	0.00	0.00	43,000	6,800	1,900	1,600	6,800	-	2,300	-	-	-	-	-	-
MW-3	11/24/1998	39.51	20.45	19.06	0.00	0.00	40,000	5,000	800	1,600	6,800	-	6,000/4,400 ¹	-	-	-	-	-	-
MW-3	02/03/1999	39.51	17.48	22.03	0.00	0.00	47,000	7,100	1,600	1,900	9,000	-	5,000	-	-	-	-	-	-
MW-3	06/07/1999	39.51	15.75	23.76	0.00	0.00	27,000	2,500	540	1,200	3,900	-	2,800	-	-	-	-	-	-
MW-3	09/07/1999	39.51	19.71	19.80	0.00	0.00	44,000	3,930	1,170	1,760	7,130	-	3,440	-	-	-	-	-	-
MW-3	10/27/1999	39.51	20.42	19.09	0.00	0.00	28,200	2,030	620	1,260	5,080	-	1,710	-	-	-	-	-	-
MW-3	02/08/2000	39.51	17.75	21.76	0.00	0.00	25,300	2,000	668	1,210	5,330	-	1,760	-	-	-	-	-	-
MW-3	05/05/2000	39.51	15.64	23.87	0.00	0.00	27,000 ²	2,600	960	1,500	5,200	-	2,500	-	-	-	-	-	-

Table 2

**Groundwater Monitoring and Sampling Data
Former Chevron Service Station 93322
7225 Bancroft Avenue
Oakland, California**

Location	Date	TOC	DTW	GWE	LNAPLT	LNAPL REMOVED	HYDROCARBONS		PRIMARY VOCs					ADDITIONAL VOCs				
							TPH-GRO	B	T	E	X	MTBE by SW8260	MTBE by VOC	Ethanol	TBA	DIPE	ETBE	TAME
MW-3	07/28/2000	39.51	18.23	21.28	0.00	0.00	7,400 ²	950	360	840	3,200	-	1,700	-	-	-	-	-
MW-3	11/26/2000	39.51	19.38	20.13	0.00	0.00	20,000 ²	1,800	690	1,400	5,500	-	1,600	-	-	-	-	-
MW-3	02/09/2001	39.51	17.72	21.79	0.00	0.00	31,200 ³	1,980	<50.0	1,770	7,220	-	2,170	-	-	-	-	-
MW-3	05/11/2001	39.51	14.65	24.86	0.00	0.00	18,000 ²	3,000	780	1,600	5,500	-	1,800	-	-	-	-	-
MW-3	08/30/2001	39.51	19.35	20.16	0.00	0.00	9,400	570	180	610	1,900	-	880	-	-	-	-	-
MW-3	11/21/2001	39.51	20.04	19.47	0.00	0.00	29,000	1,100	450	1,500	6,100	-	1,200	-	-	-	-	-
MW-3	02/05/2002	39.51	14.09	25.42	0.00	0.00	16,000	820	210	830	2,400	-	1,100	-	-	-	-	-
MW-3	04/01/2002	36.53	12.21	24.32	0.00	0.00	-	-	-	-	-	-	-	-	-	-	-	-
MW-3	08/05/2002	36.53	14.31	22.22	0.00	0.00	11,000	310	92	380	820	-	830	-	-	-	-	-
MW-3	11/04/2002	36.53	19.03	17.50	0.00	0.00	32,000	1,900	540	1,800	5,900	-	1,500	-	-	-	-	-
MW-3	02/03/2003	36.53	13.95	22.58	0.00	0.00	19,000	1,100	240	920	2,900	-	1,100	-	-	-	-	-
MW-3	05/02/2003	36.53	13.07	23.46	0.00	0.00	18,000	1,200	270	1,100	2,500	-	1,400	-	-	-	-	-
MW-3	08/01/2003 ⁷	36.53	16.31	20.22	0.00	0.00	7,700	300	79	410	820	780	-	-	-	-	-	-
MW-3	11/21/2003 ⁷	36.53	17.89	18.64	0.00	0.00	7,600	270	100	470	1,300	700	-	-	-	-	-	-
MW-3	02/10/2004 ⁷	36.53	13.06	23.47	0.00	0.00	3,800	250	28	170	300	650	-	-	-	-	-	-
MW-3	05/11/2004 ⁷	36.53	13.73	22.80	0.00	0.00	1,200	60	9	76	62	530	-	-	-	-	-	-
MW-3	08/10/2004 ⁷	36.53	16.09	20.44	0.00	0.00	1,600	70	9	86	62	500	-	-	-	-	-	-
MW-3	11/08/2004 ⁷	36.53	15.11	21.42	0.00	0.00	4,800	280	37	260	400	760	-	-	-	-	-	-
MW-3	02/21/2005 ⁷	36.53	11.45	25.08	0.00	0.00	450	0.8	<0.5	0.7	<0.5	200	-	-	-	-	-	-
MW-3	05/10/2005 ⁷	36.53	10.26	26.27	0.00	0.00	220	<0.5	<0.5	<0.5	<0.5	250	-	-	-	-	-	-
MW-3	08/12/2005 ⁷	36.53	16.42	20.11	0.00	0.00	2,800	94	32	150	390	370	-	-	-	-	-	-
MW-3	11/11/2005 ⁷	36.53	17.59	18.94	0.00	0.00	3,800	140	46	230	430	440	-	-	-	-	-	-
MW-3	02/20/2006 ⁷	36.53	11.92	24.61	0.00	0.00	390	4	0.9	5	4	290	-	-	-	-	-	-
MW-3	05/12/2006 ⁷	36.53	9.38	27.15	0.00	0.00	1,100	2	<0.5	3	2	91	-	-	-	-	-	-
MW-3	08/14/2006 ⁷	36.53	14.68	21.85	0.00	0.00	170	<0.5	<0.5	<0.5	0.8	21	-	-	-	-	-	-

Table 2

**Groundwater Monitoring and Sampling Data
Former Chevron Service Station 93322
7225 Bancroft Avenue
Oakland, California**

Location	Date	TOC	DTW	GWE	LNAPLT	LNAPL REMOVED	HYDROCARBONS		PRIMARY VOCs					ADDITIONAL VOCs					
							TPH-GRO	B	T	E	X	MTBE by SW8260	MTBE by VOC	Ethanol	TBA	DIPE	ETBE	TAME	
	Units	ft	ft	ft-amsl	ft	gal	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
MW-3	11/08/2006 ⁷	36.53	17.43	19.10	0.00	0.00	1,900	83	17	120	130	100	-	-	-	-	-	-	-
MW-3	02/07/2007 ⁷	36.53	15.07	21.46	0.00	0.00	7,400	340	42	310	530	170	-	-	-	-	-	-	-
MW-3	05/07/2007 ⁷	36.53	13.32	23.21	0.00	0.00	1,200	7	<0.5	5	6	17	-	-	-	-	-	-	-
MW-3	08/03/2007 ⁷	36.53	17.05	19.48	0.00	0.00	740	44	2	12	9	77	-	-	-	-	-	-	-
MW-3	10/12/2007 ⁷	36.53	18.70	17.83	0.00	0.00	5,800	250	28	240	290	170	-	-	-	-	-	-	-
MW-3	11/02/2007 ⁷	36.53	18.81	17.72	0.00	0.00	2,400	160	8	33	19	140	-	-	-	-	-	-	-
MW-3	12/07/2007 ⁷	36.53	18.65	17.88	0.00	0.00	2,100	180	11	41	33	160	-	-	-	-	-	-	-
MW-3	02/01/2008 ⁷	36.53	14.59	21.94	0.00	0.00	3,600	570	45	81	140	180	-	-	-	-	-	-	-
MW-3	05/09/2008 ⁷	36.53	14.75	21.78	0.00	0.00	460	49	3	5	2	35	-	-	-	-	-	-	-
MW-3	08/22/2008 ⁷	36.53	17.98	18.55	0.00	0.00	5,400	200	16	160	150	84	-	-	-	-	-	-	-
MW-3	11/26/2008 ⁷	36.53	19.41	17.12	0.00	0.00	2,600	80	4	20	7	55	-	-	-	-	-	-	-
MW-3	05/20/2009	36.53	14.50	22.03	0.00	0.00	6,600	510	33	200	170	130	-	<50	-	-	-	-	-
MW-3	08/26/2009	36.53	18.84	17.69	0.00	0.00	7,900	290	18	180	110	120	-	<50	-	-	-	-	-
MW-3	02/01/2010	36.53	13.10	23.43	0.00	0.00	9,700	1,600	65	230	220	260	-	<250	-	-	-	-	-
MW-3	08/26/2010	36.53	14.90	21.63	0.00	0.00	15,000	1,400	84	670	710	210	-	<100	-	-	-	-	-
MW-3	11/11/2010 ¹¹	36.53	17.08	19.45	0.00	0.00	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-3	02/10/2011	36.53	12.88	23.65	0.00	0.00	6,700	710	35	270	230	130	-	<100	-	-	-	-	-
MW-3	06/17/2011 ¹¹	36.53	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-3	09/08/2011 ¹¹	36.53	14.93	21.60	0.00	0.00	7,700	490	29	260	190	96	-	<500	-	-	-	-	-
MW-3	12/16/2011 ¹¹	36.53	16.06	20.47	0.00	0.00	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-3	03/02/2012	36.53	15.98	20.55	0.00	0.00	7,500	490	28	240	150	89	-	<500	-	-	-	-	-
MW-3	06/08/2012 ¹¹	36.53	13.52	23.01	0.00	0.00	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-3	09/14/2012	36.53	17.24	19.29	0.00	0.00	7,600	330	15	140	54	63	-	<500	110	<5	<5	16	-
MW-3	12/21/2012 ¹¹	36.53	13.32	23.21	0.00	0.00	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-3	04/01/2013	36.53	15.01	21.52	0.00	0.00	8,000	490	27	230	140	73	-	<50	-	-	-	-	-

Table 2

**Groundwater Monitoring and Sampling Data
Former Chevron Service Station 93322
7225 Bancroft Avenue
Oakland, California**

Location	Date	TOC	DTW	GWE	LNAPLT	LNAPL REMOVED	HYDROCARBONS		PRIMARY VOCs					ADDITIONAL VOCs					
							TPH-GRO	B	T	E	X	MTBE by SW8260	MTBE by VOC	Ethanol	TBA	DIPE	ETBE	TAME	
	Units	ft	ft	ft-amsl	ft	gal	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
MW-3	06/28/2013 ¹¹	36.53	16.72	19.81	0.00	0.00	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-3	09/20/2013	36.53	18.55	17.98	0.00	0.00	11,000	610	31	270	140	81	-	<50	-	-	-	-	-
MW-3	12/30/2013 ¹³	36.53	19.41	17.12	0.00	0.00	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-3	03/31/2014	36.53	15.81	20.72	0.00	0.00	13,000	1,100	50	350	240	170	-	<100	-	-	-	-	-
MW-3	06/30/2014 ¹³	36.53	16.82	19.71	0.00	0.00	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-3	09/22/2014	36.53	19.63	16.90	0.00	0.00	12,000	770	36	280	120	97	-	<100	-	-	-	-	-
MW-3	12/23/2014 ¹³	36.53	13.90	22.63	0.00	0.00	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-3	03/05/2015	36.53	14.93	21.60	0.00	0.00	13,000	1,500	70	430	280	200	-	<250	-	-	-	-	-
MW-3	06/23/2015 ¹³	36.53	17.95	18.58	0.00	0.00	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-3	09/23/2015	36.53	20.88	15.65	0.00	0.00	16,000	1,300	49	360	140	130	-	<500	-	-	-	-	-
MW-3	12/29/2015 ¹¹	36.53	18.92	17.61	0.00	0.00	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-3	03/29/2016	36.53	12.67	23.86	0.00	0.00	12,000	1,600	69	300	170	170	-	<5,000	170	<20	<20	64	
MW-3	07/14/2016 ¹³	36.53	17.86	18.67	0.00	0.00	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-3	09/28/2016	36.53	20.38	16.15	0.00	0.00	3,500	180	7	<5	12	19	-	<1,300	70	<5	<5	<5	
MW-3	12/29/2016 ¹³	36.53	15.01	21.52	0.00	0.00	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-3	03/07/2017	36.53	10.40	26.13	0.00	0.00	9,100	1,100	50	240	130	90	-	<2,500	-	-	-	-	
MW-3	6/22/2017	36.53	13.68	22.85	0.00	0.00	9,000	1,200	45	180	88	78	-	<500	67	<2	<2	34	
MW-3	08/25/2017	36.53	17.00	19.53	0.00	0.00	10,000	560	29	210	110	26	-	<2,500	35 J	<10	<10	13	
MW-4	02/02/1999	40.24	13.17	27.07	0.00	0.00	<50	0.52	<0.5	<0.5	<0.5	-	6.0	-	-	-	-	-	
MW-4	06/07/1999	40.24	16.41	23.83	0.00	0.00	<50	<0.5	<0.5	<0.5	<0.5	-	<2.5	-	-	-	-	-	
MW-4	09/07/1999	40.24	20.90	19.34	0.00	0.00	<50	<0.5	<0.5	<0.5	<0.5	-	<5.0	-	-	-	-	-	
MW-4	10/27/1999	40.24	21.59	18.65	0.00	0.00	<50	<0.5	<0.5	<0.5	<0.5	-	<2.5	-	-	-	-	-	
MW-4	02/08/2000	40.24	17.16	23.08	0.00	0.00	<50	<0.5	<0.5	<0.5	<0.5	-	<5.0	-	-	-	-	-	
MW-4	05/05/2000	40.24	16.02	24.22	0.00	0.00	<50	<0.50	<0.50	<0.50	<0.50	-	<2.5	-	-	-	-	-	

Table 2

Groundwater Monitoring and Sampling Data
Former Chevron Service Station 93322
7225 Bancroft Avenue
Oakland, California

Location	Date	TOC	DTW	GWE	LNAPLT	LNAPL REMOVED	HYDROCARBONS		PRIMARY VOCs					ADDITIONAL VOCs					
							TPH-GRO	B	T	E	X	MTBE by SW8260	MTBE by VOC	Ethanol	TBA	DIPE	ETBE	TAME	
	Units	ft	ft	ft-amsl	ft	gal	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
MW-4	07/28/2000	40.24	19.12	21.12	0.00	0.00	<50	<0.50	<0.50	<0.50	<0.50	-	<2.5	-	-	-	-	-	-
MW-4	11/26/2000	40.24	19.92	20.32	0.00	0.00	<50	<0.50	<0.50	<0.50	<0.50	-	<2.5	-	-	-	-	-	-
MW-4	02/09/2001	40.24	17.45	22.79	0.00	0.00	<50.0	<0.500	<0.500	<0.500	<0.500	-	<2.50	-	-	-	-	-	-
MW-4	05/11/2001	40.24	15.02	25.22	0.00	0.00	<50	<0.50	<0.50	<0.50	<0.50	-	<2.5	-	-	-	-	-	-
MW-4	08/30/2001	40.24	20.33	19.91	0.00	0.00	<50	<0.50	<0.50	<0.50	<0.50	-	<2.5	-	-	-	-	-	-
MW-4	11/21/2001	40.24	19.75	20.49	0.00	0.00	<50	<0.50	<0.50	<0.50	<1.5	-	<2.5	-	-	-	-	-	-
MW-4	02/05/2002	40.24	14.06	26.18	0.00	0.00	<50	<0.50	<0.50	<0.50	<1.5	-	<2.5	-	-	-	-	-	-
MW-4	04/01/2002	37.29	12.06	25.23	0.00	0.00	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-4	08/05/2002	37.29	17.05	20.24	0.00	0.00	<50	<0.50	<0.50	<0.50	<1.5	-	<2.5	-	-	-	-	-	-
MW-4	11/04/2002	37.29	19.73	17.56	0.00	0.00	<50	<0.50	<0.50	<0.50	<1.5	-	<2.5	-	-	-	-	-	-
MW-4	02/03/2003	37.29	14.05	23.24	0.00	0.00	<50	<0.50	<0.50	<0.50	<1.5	-	<2.5	-	-	-	-	-	-
MW-4	05/02/2003	37.29	12.85	24.44	0.00	0.00	<50	<0.5	<0.5	<0.5	<1.5	-	<2.5	-	-	-	-	-	-
MW-4	08/01/2003 ⁷	37.29	16.94	20.35	0.00	0.00	<50	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-
MW-4	11/21/2003 ⁷	37.29	18.15	19.14	0.00	0.00	<50	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-
MW-4	02/10/2004 ⁷	37.29	13.02	24.27	0.00	0.00	<50	<0.5	<0.5	<0.5	<0.5	1	-	-	-	-	-	-	-
MW-4	05/11/2004 ⁷	37.29	14.15	23.14	0.00	0.00	<50	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-
MW-4	08/10/2004 ⁷	37.29	16.47	20.82	0.00	0.00	<50	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-
MW-4	11/08/2004 ⁷	37.29	14.86	22.43	0.00	0.00	<50	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-
MW-4	02/21/2005 ⁷	37.29	10.76	26.53	0.00	0.00	<50	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-
MW-4	05/10/2005 ⁷	37.29	10.25	27.04	0.00	0.00	<50	<0.5	<0.5	<0.5	<0.5	1	-	-	-	-	-	-	-
MW-4	08/12/2005 ⁷	37.29	15.25	22.04	0.00	0.00	<50	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-
MW-4	11/11/2005 ⁷	37.29	18.36	18.93	0.00	0.00	<50	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-
MW-4	02/20/2006 ⁷	37.29	11.59	25.70	0.00	0.00	<50	<0.5	<0.5	<0.5	<0.5	1	-	-	-	-	-	-	-
MW-4	05/12/2006 ⁷	37.29	9.87	27.42	0.00	0.00	<50	<0.5	<0.5	<0.5	<0.5	0.8	-	-	-	-	-	-	-
MW-4	08/14/2006 ⁷	37.29	15.35	21.94	0.00	0.00	<50	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-

Table 2

**Groundwater Monitoring and Sampling Data
Former Chevron Service Station 93322
7225 Bancroft Avenue
Oakland, California**

Location	Date	TOC	DTW	GWE	LNAPLT	LNAPL REMOVED	HYDROCARBONS		PRIMARY VOCs					ADDITIONAL VOCs					
							TPH-GRO	B	T	E	X	MTBE by SW8260	MTBE by VOC	Ethanol	TBA	DIPE	ETBE	TAME	
	Units	ft	ft	ft-amsl	ft	gal	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
MW-4	11/08/2006 ⁷	37.29	18.28	19.01	0.00	0.00	<50	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-
MW-4	02/07/2007 ⁷	37.29	15.40	21.89	0.00	0.00	<50	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-
MW-4	05/07/2007 ⁷	37.29	13.56	23.73	0.00	0.00	<50	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-
MW-4	08/03/2007 ⁷	37.29	17.70	19.59	0.00	0.00	<50	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-
MW-4	10/12/2007 ⁷	37.29	19.48	17.81	0.00	0.00	<50	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-
MW-4	11/02/2007 ⁷	37.29	19.41	17.88	0.00	0.00	<50	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-
MW-4	12/07/2007 ⁷	37.29	19.45	17.84	0.00	0.00	<50	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-
MW-4	02/01/2008 ⁷	37.29	13.15	24.14	0.00	0.00	<50	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-
MW-4	05/09/2008 ⁷	37.29	14.98	22.31	0.00	0.00	<50	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-
MW-4	08/22/2008 ⁷	37.29	18.67	18.62	0.00	0.00	<50	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-
MW-4	11/26/2008 ⁷	37.29	20.03	17.26	0.00	0.00	<50	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-
MW-4	05/20/2009	37.29	14.89	22.40	0.00	0.00	<50	<0.5	<0.5	<0.5	<0.5	<0.5	-	<50	-	-	-	-	-
MW-4	08/26/2009	37.29	19.29	18.00	0.00	0.00	<50	<0.5	<0.5	<0.5	<0.5	<0.5	-	<50	-	-	-	-	-
MW-4	11/12/2009	37.29	17.70	19.59	0.00	0.00	<50	<0.5	<0.5	<0.5	<0.5	<0.5	-	<50	-	-	-	-	-
MW-4	02/01/2010	37.29	12.57	24.72	0.00	0.00	<50	<0.5	<0.5	<0.5	<0.5	<0.5	-	<50	-	-	-	-	-
MW-4	05/17/2010	37.29	11.15	26.14	0.00	0.00	<50	<0.5	<0.5	<0.5	<0.5	<0.5	-	<50	-	-	-	-	-
MW-4	08/26/2010	37.29	15.50	21.79	0.00	0.00	<50	<0.5	<0.5	<0.5	<0.5	<0.5	-	<50	-	-	-	-	-
MW-4	11/11/2010	37.29	17.34	19.95	0.00	0.00	<50	<0.5	<0.5	<0.5	<0.5	<0.5	-	<50	-	-	-	-	-
MW-4	02/10/2011	37.29	13.01	24.28	0.00	0.00	<50	<0.5	<0.5	<0.5	<0.5	<0.5	-	<50	-	-	-	-	-
MW-4	06/17/2011	37.29	12.07	25.22	0.00	0.00	<50	<0.5	<0.5	<0.5	<0.5	<0.5	-	<50	-	-	-	-	-
MW-4	09/08/2011	37.29	15.75	21.54	0.00	0.00	<50	<0.5	<0.5	<0.5	<0.5	<0.5	-	<50	-	-	-	-	-
MW-4	12/16/2011	37.29	16.80	20.49	0.00	0.00	<50	<0.5	<0.5	<0.5	<0.5	<0.5	-	<50	-	-	-	-	-
MW-4	06/08/2012	37.29	14.30	22.99	0.00	0.00	<50	<0.5	<0.5	<0.5	<0.5	<0.5	-	<50	-	-	-	-	-
MW-4	06/08/2012	37.29	14.30	22.99	0.00	0.00	<50	<0.5	<0.5	<0.5	<0.5	<0.5	-	<50	-	-	-	-	-
MW-4	09/14/2012	37.29	18.10	19.19	0.00	0.00	<50	<0.5	<0.5	<0.5	2	<0.5	-	<50	<2	<0.5	<0.5	<0.5	<0.5

Table 2

**Groundwater Monitoring and Sampling Data
Former Chevron Service Station 93322
7225 Bancroft Avenue
Oakland, California**

Location	Date	TOC	DTW	GWE	LNAPLT	LNAPL REMOVED	HYDROCARBONS		PRIMARY VOCS					ADDITIONAL VOCS					
							TPH-GRO	B	T	E	X	MTBE by SW8260	MTBE by VOC	Ethanol	TBA	DIPE	ETBE	TAME	
	Units	ft	ft	ft-amsl	ft	gal	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
MW-4	12/21/2012	37.29	13.33	23.96	0.00	0.00	<50	<0.5	<0.5	<0.5	<0.5	<0.5	-	<50	-	-	-	-	-
MW-4	04/01/2013	37.29	15.67	21.62	0.00	0.00	<50	<0.5	<0.5	<0.5	<0.5	<0.5	-	<50	-	-	-	-	-
MW-4	06/28/2013	37.29	17.47	19.82	0.00	0.00	<50	<0.5	<0.5	<0.5	<0.5	<0.5	-	<50	-	-	-	-	-
MW-4	09/20/2013	37.29	19.26	18.03	0.00	0.00	<50	<0.5	<0.5	<0.5	<0.5	<0.5	-	<50	-	-	-	-	-
MW-4	12/30/2013	37.29	20.51	16.78	0.00	0.00	<50	<0.5	<0.5	<0.5	<0.5	<0.5	-	<50	-	-	-	-	-
MW-4	03/31/2014	37.29	15.50	21.79	0.00	0.00	<50	<0.5	<0.5	<0.5	<0.5	<0.5	-	<50	-	-	-	-	-
MW-4	06/30/2014	37.29	17.51	19.78	0.00	0.00	<50	<0.5	<0.5	<0.5	<0.5	<0.5	-	<50	-	-	-	-	-
MW-4	09/22/2014	37.29	20.31	16.98	0.00	0.00	<50	<0.5	<0.5	<0.5	<0.5	<0.5	-	<50	-	-	-	-	-
MW-4	12/23/2014	37.29	13.53	23.76	0.00	0.00	<50	<0.5	<0.5	<0.5	<0.5	<0.5	-	<50	-	-	-	-	-
MW-4	03/05/2015	37.29	15.05	22.24	0.00	0.00	<50	<0.5	<0.5	<0.5	<0.5	<0.5	-	<50	-	-	-	-	-
MW-4	06/23/2015	37.29	18.76	18.53	0.00	0.00	<50	<0.5	<0.5	<0.5	<0.5	<0.5	-	<50	<2	<0.5	<0.5	<0.5	<0.5
MW-4	09/23/2015	37.29	21.43	15.86	0.00	0.00	<50	<0.5	<0.5	<0.5	<0.5	<0.5	-	<50	-	-	-	-	-
MW-4	12/29/2015	37.29	18.38	18.91	0.00	0.00	150	<0.5	<0.5	0.6 J	3	-	-	<50	-	-	-	-	-
MW-4	03/29/2016	37.29	12.13	25.16	0.00	0.00	<100	<1	<1	<1	<1	<1	-	<250	<5	<1	<1	<1	<1
MW-4	07/14/2016	37.29	18.55	18.74	0.00	0.00	90 J	2	1	1	5	<1	-	<250	-	-	-	-	-
MW-4	09/28/2016	37.29	21.14	16.15	0.00	0.00	<100	<1	<1	<1	<1	<1	-	<250	<5	<1	<1	<1	<1
MW-4	12/29/2016	37.29	15.07	22.22	0.00	0.00	<100	<1	<1	<1	<1	<1	-	<250	-	-	-	-	-
MW-4	03/07/2017	37.29	9.67	27.62	0.00	0.00	<100	<1	<1	<1	<1	<1	-	<250	-	-	-	-	-
MW-4	06/22/2017	37.29	14.25	23.04	0.00	0.00	<100	<1	<1	<1	<1	<1	-	<250	<5	<1	<1	<1	<1
MW-4	08/25/2017	37.29	17.91	19.38	0.00	0.00	<100	<1	<1	<1	<1	<1	-	<250	<5	<1	<1	<1	<1
MW-5	02/02/1999	40.37	18.80	21.57	0.00	0.00	72	2.7	<0.5	<0.5	<0.5	-	11	-	-	-	-	-	-
MW-5	06/07/1999	40.37	16.98	23.39	0.00	0.00	<50	<0.5	<0.5	<0.5	<0.5	-	<2.5	-	-	-	-	-	-
MW-5	09/07/1999	40.37	21.13	19.24	0.00	0.00	<50	<0.5	<0.5	<0.5	<0.5	-	6.92	-	-	-	-	-	-
MW-5	10/27/1999	40.37	21.92	18.45	0.00	0.00	<50	2.39	<0.5	<0.5	<0.5	-	21.3	-	-	-	-	-	-

Table 2

**Groundwater Monitoring and Sampling Data
Former Chevron Service Station 93322
7225 Bancroft Avenue
Oakland, California**

Location	Date	TOC	DTW	GWE	LNAPLT	LNAPL REMOVED	HYDROCARBONS		PRIMARY VOCs					ADDITIONAL VOCs					
							TPH-GRO	B	T	E	X	MTBE by SW8260	MTBE by VOC	Ethanol	TBA	DIPE	ETBE	TAME	
	Units	ft	ft	ft-amsl	ft	gal	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
MW-5	02/08/2000	40.37	18.98	21.39	0.00	0.00	<50	10.6	<0.5	<0.5	<0.5	-	21.7	-	-	-	-	-	-
MW-5	05/05/2000	40.37	16.89	23.48	0.00	0.00	<50	<0.50	<0.50	<0.50	<0.50	-	3.8	-	-	-	-	-	-
MW-5	07/28/2000	40.37	19.49	20.88	0.00	0.00	<50	<0.50	<0.50	<0.50	<0.50	-	<2.5	-	-	-	-	-	-
MW-5	11/26/2000	40.37	20.69	19.68	0.00	0.00	<50	0.57	<0.50	<0.50	<0.50	-	15	-	-	-	-	-	-
MW-5	02/09/2001	40.37	18.87	21.50	0.00	0.00	<50.0	<0.500	<0.500	<0.500	<0.500	-	9.11	-	-	-	-	-	-
MW-5	05/11/2001	40.37	15.90	24.47	0.00	0.00	<50	<0.50	<0.50	<0.50	<0.50	-	<2.5	-	-	-	-	-	-
MW-5	08/30/2001	40.37	20.61	19.76	0.00	0.00	<50	<0.50	<0.50	<0.50	<0.50	-	9.5	-	-	-	-	-	-
MW-5	11/21/2001	40.37	21.04	19.33	0.00	0.00	<50	<0.50	<0.50	<0.50	<1.5	-	7.3	-	-	-	-	-	-
MW-5	02/05/2002	40.37	15.21	25.16	0.00	0.00	<50	<0.50	<0.50	<0.50	<1.5	-	<2.5	-	-	-	-	-	-
MW-5	04/01/2002	37.40	13.45	23.95	0.00	0.00	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-5	08/05/2002	37.40	17.54	19.86	0.00	0.00	<50	<0.50	<0.50	<0.50	<1.5	-	2.7	-	-	-	-	-	-
MW-5	11/04/2002	37.40	20.07	17.33	0.00	0.00	<50	<0.50	<0.50	<0.50	<1.5	-	6.3	-	-	-	-	-	-
MW-5	02/03/2003	37.40	15.03	22.37	0.00	0.00	<50	<0.50	0.60	<0.50	<1.5	-	<2.5	-	-	-	-	-	-
MW-5	05/02/2003	37.40	13.96	23.44	0.00	0.00	<50	<0.5	<0.5	<0.5	<1.5	-	<2.5	-	-	-	-	-	-
MW-5	08/01/2003 ⁷	37.40	17.40	20.00	0.00	0.00	<50	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-
MW-5	11/21/2003 ⁷	37.40	18.57	18.83	0.00	0.00	<50	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-
MW-5	02/10/2004 ⁷	37.40	14.14	23.26	0.00	0.00	<50	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-
MW-5	05/11/2004 ⁷	37.40	14.70	22.70	0.00	0.00	<50	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-
MW-5	08/10/2004 ⁷	37.40	17.08	20.32	0.00	0.00	<50	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-
MW-5	11/08/2004 ⁷	37.40	15.98	21.42	0.00	0.00	<50	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-
MW-5	02/21/2005	37.40	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-5	05/10/2005 ⁷	37.40	11.88	25.52	0.00	0.00	<50	<0.5	<0.5	<0.5	<0.5	1	-	-	-	-	-	-	-
MW-5	08/12/2005 ⁷	37.40	15.63	21.77	0.00	0.00	<50	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-
MW-5	11/11/2005 ⁷	37.40	18.68	18.72	0.00	0.00	<50	<0.5	<0.5	<0.5	<0.5	0.8	-	-	-	-	-	-	-
MW-5	02/20/2006 ⁷	37.40	12.57	24.83	0.00	0.00	<50	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-

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Location	Date	TOC	DTW	GWE	LNAPLT	LNAPL REMOVED	HYDROCARBONS		PRIMARY VOCs					ADDITIONAL VOCs					
							TPH-GRO	B	T	E	X	MTBE by SW8260	MTBE by VOC	Ethanol	TBA	DIPE	ETBE	TAME	
	Units	ft	ft	ft-amsl	ft	gal	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
MW-5	05/12/2006 ⁷	37.40	11.06	26.34	0.00	0.00	<50	<0.5	<0.5	<0.5	<0.5	0.9	-	-	-	-	-	-	-
MW-5	08/14/2006 ⁷	37.40	15.73	21.67	0.00	0.00	<50	<0.5	<0.5	<0.5	<0.5	0.9	-	-	-	-	-	-	-
MW-5	11/08/2006 ⁷	37.40	18.51	18.89	0.00	0.00	<50	<0.5	<0.5	<0.5	<0.5	1	-	-	-	-	-	-	-
MW-5	02/07/2007 ⁷	37.40	16.02	21.38	0.00	0.00	<50	<0.5	<0.5	<0.5	<0.5	0.6	-	-	-	-	-	-	-
MW-5	05/07/2007 ⁷	37.40	14.32	23.08	0.00	0.00	<50	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-
MW-5	08/03/2007 ⁷	37.40	18.08	19.32	0.00	0.00	<50	<0.5	<0.5	<0.5	<0.5	0.6	-	-	-	-	-	-	-
MW-5	10/12/2007 ⁷	37.40	19.74	17.66	0.00	0.00	<50	<0.5	<0.5	<0.5	<0.5	0.8	-	-	-	-	-	-	-
MW-5	11/02/2007 ⁷	37.40	19.78	17.62	0.00	0.00	61	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-
MW-5	12/07/2007 ⁷	37.40	19.71	17.69	0.00	0.00	<50	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-
MW-5	02/01/2008 ⁷	37.40	14.34	23.06	0.00	0.00	<50	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-
MW-5	05/09/2008 ⁷	37.40	15.62	21.78	0.00	0.00	<50	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-
MW-5	08/22/2008 ⁷	37.40	18.96	18.44	0.00	0.00	<50	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-
MW-5	11/26/2008 ⁷	37.40	20.35	17.05	0.00	0.00	<50	<0.5	<0.5	<0.5	<0.5	0.9	-	-	-	-	-	-	-
MW-5	05/20/2009	37.40	15.56	21.84	0.00	0.00	<50	<0.5	<0.5	<0.5	<0.5	<0.5	-	<50	-	-	-	-	-
MW-5	08/26/2009	37.40	19.56	17.84	0.00	0.00	<50	<0.5	<0.5	<0.5	<0.5	0.5 J	-	<50	-	-	-	-	-
MW-5	11/12/2009	37.40	18.50	18.90	0.00	0.00	<50	<0.5	<0.5	<0.5	<0.5	<0.5	-	<50	-	-	-	-	-
MW-5	02/01/2010	37.40	14.41	22.99	0.00	0.00	<50	<0.5	<0.5	<0.5	<0.5	<0.5	-	<50	-	-	-	-	-
MW-5	05/17/2010	37.40	13.00	24.40	0.00	0.00	<50	<0.5	<0.5	<0.5	<0.5	<0.5	-	<50	-	-	-	-	-
MW-5	08/26/2010	37.40	15.90	21.50	0.00	0.00	<50	<0.5	<0.5	<0.5	<0.5	<0.5	-	<50	-	-	-	-	-
MW-5	11/11/2010	37.40	18.05	19.35	0.00	0.00	68 J	<0.5	<0.5	<0.5	<0.5	<0.5	-	<50	-	-	-	-	-
MW-5	02/10/2011	37.40	13.70	23.70	0.00	0.00	<50	<0.5	<0.5	<0.5	<0.5	<0.5	-	<50	-	-	-	-	-
MW-5	06/17/2011	37.40	13.37	24.03	0.00	0.00	<50	<0.5	<0.5	<0.5	<0.5	<0.5	-	<50	-	-	-	-	-
MW-5	09/08/2011	37.40	16.15	21.25	0.00	0.00	<50	<0.5	<0.5	<0.5	<0.5	<0.5	-	<50	-	-	-	-	-
MW-5	12/16/2011	37.40	17.20	20.20	0.00	0.00	<50	<0.5	<0.5	<0.5	<0.5	<0.5	-	<50	-	-	-	-	-
MW-5	03/02/2012	37.40	17.41	19.99	0.00	0.00	<50	<0.5	<0.5	<0.5	<0.5	<0.5	-	<50	-	-	-	-	-

Table 2

**Groundwater Monitoring and Sampling Data
Former Chevron Service Station 93322
7225 Bancroft Avenue
Oakland, California**

Location	Date	TOC	DTW	GWE	LNAPLT	LNAPL REMOVED	HYDROCARBONS		PRIMARY VOCs					ADDITIONAL VOCs				
							TPH-GRO	B	T	E	X	MTBE by SW8260	MTBE by VOC	Ethanol	TBA	DIPE	ETBE	TAME
Units	ft	ft	ft-amsl	ft	gal	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
MW-5	06/08/2012	37.40	15.20	22.20	0.00	0.00	<50	<0.5	<0.5	<0.5	<0.5	<0.5	-	<50	-	-	-	-
MW-5	09/14/2012	37.40	18.40	19.00	0.00	0.00	130	<0.5	<0.5	4	22	<0.5	-	<50	<2	<0.5	<0.5	<0.5
MW-5	12/21/2012	37.40	14.62	22.78	0.00	0.00	<50	<0.5	<0.5	<0.5	<0.5	<0.5	-	<50	-	-	-	-
MW-5	04/01/2013	37.40	16.10	21.30	0.00	0.00	<50	<0.5	<0.5	<0.5	<0.5	<0.5	-	<50	-	-	-	-
MW-5	06/28/2013	37.40	17.77	19.63	0.00	0.00	150	<0.5	<0.5	<0.5	<0.5	<0.5	-	<50	-	-	-	-
MW-5	09/20/2013	37.40	19.59	17.81	0.00	0.00	170	<0.5	<0.5	<0.5	<0.5	0.5 J	-	<50	-	-	-	-
MW-5	12/30/2013	37.40	20.80	16.60	0.00	0.00	170	<0.5	<0.5	<0.5	<0.5	<0.5	-	<50	-	-	-	-
MW-5	03/31/2014	37.40	16.60	20.80	0.00	0.00	54 J	<0.5	<0.5	<0.5	<0.5	<0.5	-	<50	-	-	-	-
MW-5	06/30/2014	37.40	18.12	19.28	0.00	0.00	<50	<0.5	<0.5	<0.5	<0.5	<0.5	-	<50	-	-	-	-
MW-5	09/22/2014	37.40	20.70	16.70	0.00	0.00	410	<0.5	<0.5	<0.5	<0.5	<0.5	-	<50	-	-	-	-
MW-5	12/23/2014	37.40	15.10	22.30	0.00	0.00	<50	<0.5	<0.5	<0.5	<0.5	<0.5	-	<50	-	-	-	-
MW-5	03/05/2015	37.40	15.87	21.53	0.00	0.00	<50	<0.5	<0.5	<0.5	<0.5	<0.5	-	<50	-	-	-	-
MW-5	06/23/2015	37.40	19.13	18.27	0.00	0.00	<50	<0.5	<0.5	<0.5	<0.5	<0.5	-	<50	<2	<0.5	<0.5	<0.5
MW-5	09/23/2015	37.40	21.86	15.54	0.00	0.00	200	<0.5	<0.5	<0.5	<0.5	<0.5	-	<50	-	-	-	-
MW-5	12/29/2015 ¹⁶	37.40	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-5	03/29/2016	37.40	13.40	24.00	0.00	0.00	<100	<1	<1	<1	<1	<1	-	<250	<5	<1	<1	<1
MW-5	07/14/2016	37.40	18.85	18.55	0.00	0.00	97 J	<1	<1	<1	0.6 J	<1	-	<250	-	-	-	-
MW-5	09/28/2016	37.40	21.45	15.95	0.00	0.00	310	<1	<1	<1	<1	<1	-	<250	<5	<1	<1	<1
MW-5	12/29/2016	37.40	16.45	20.95	0.00	0.00	56 J	<1	<1	<1	<1	<1	-	70 J	-	-	-	-
MW-5	03/07/2017	37.40	10.77	26.63	0.00	0.00	<100	<1	<1	<1	<1	<1	-	<250	-	-	-	-
MW-5	06/22/2017	37.40	14.15	23.25	0.00	0.00	<100	<1	<1	<1	<1	<1	-	<250	<5	<1	<1	<1
MW-5	08/25/2017	37.40	18.29	19.11	0.00	0.00	<100	<1	<1	<1	<1	<1	-	<250	<5	<1	<1	<1
MW-6	02/02/1999	39.84	18.48	21.36	0.00	0.00	14,000	5,600	<50	150	160	-	<250	-	-	-	-	-
MW-6	06/07/1999	39.84	16.45	23.39	0.00	0.00	1,500	1,100	33	25	34	-	200	-	-	-	-	-

Table 2

**Groundwater Monitoring and Sampling Data
Former Chevron Service Station 93322
7225 Bancroft Avenue
Oakland, California**

Location	Date	TOC	DTW	GWE	LNAPLT	LNAPL REMOVED	HYDROCARBONS		PRIMARY VOCS					ADDITIONAL VOCS					
							TPH-GRO	B	T	E	X	MTBE by SW8260	MTBE by VOC	Ethanol	TBA	DIPE	ETBE	TAME	
	Units	ft	ft	ft-amsl	ft	gal	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
MW-6	09/07/1999	39.84	20.49	19.35	0.00	0.00	6,550	2,940	81.5	177	84	-	865	-	-	-	-	-	-
MW-6	10/27/1999	39.84	21.23	18.61	0.00	0.00	3,680	1,240	29.6	115	14.9	-	735	-	-	-	-	-	-
MW-6	02/08/2000	39.84	18.40	21.44	0.00	0.00	17,300	8,920	<100	378	211	-	2,610	-	-	-	-	-	-
MW-6	05/05/2000	39.84	16.36	23.48	0.00	0.00	4,200 ²	1,900	98	170	290	-	1,300	-	-	-	-	-	-
MW-6	07/28/2000	39.84	18.94	20.90	0.00	0.00	1,200 ²	660	30	83	36	-	650	-	-	-	-	-	-
MW-6	11/26/2000	39.84	20.13	19.71	0.00	0.00	7,600 ²	4,300	63	360	110	-	2,000	-	-	-	-	-	-
MW-6	02/09/2001	39.84	18.40	21.44	0.00	0.00	18,200 ³	7,090	<100	457	169	-	2,930	-	-	-	-	-	-
MW-6	05/11/2001	39.84	15.45	24.39	0.00	0.00	2,600 ²	2,300	31	88	40	-	990	-	-	-	-	-	-
MW-6	08/30/2001	39.84	20.02	19.82	0.00	0.00	2,500	1,600	50	160	100	-	1,900	-	-	-	-	-	-
MW-6	11/21/2001	39.84	20.62	19.22	0.00	0.00	25,000	8,800	150	620	330	-	2,900	-	-	-	-	-	-
MW-6	02/05/2002	39.84	15.80	24.04	0.00	0.00	1,400	400	6.8	27	20	-	480	-	-	-	-	-	-
MW-6	04/01/2002	36.90	13.82	23.08	0.00	0.00	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-6	08/05/2002	36.90	17.05	19.85	0.00	0.00	1,200	300	5.1	11	3.7	-	250	-	-	-	-	-	-
MW-6	11/04/2002	36.90	19.56	17.34	0.00	0.00	7,500	2,000	29	140	39	-	1,300	-	-	-	-	-	-
MW-6	02/03/2003	36.90	14.62	22.28	0.00	0.00	630	160	<5.0	9.2	2.7	-	260	-	-	-	-	-	-
MW-6	05/02/2003	36.90	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-6	08/01/2003 ⁷	36.90	16.88	20.02	0.00	0.00	1,500	400	3	14	3	540	-	-	-	-	-	-	-
MW-6	11/21/2003 ⁷	36.90	18.41	18.49	0.00	0.00	4,400	1,300	12	98	18	540	-	-	-	-	-	-	-
MW-6	02/10/2004 ⁷	36.90	13.70	23.20	0.00	0.00	430	110	1	4	0.7	150	-	-	-	-	-	-	-
MW-6	05/11/2004 ⁷	36.90	14.27	22.63	0.00	0.00	95	11	<0.5	1	0.6	120	-	-	-	-	-	-	-
MW-6	08/10/2004 ⁷	36.90	16.64	20.26	0.00	0.00	430	46	<0.5	3	<0.5	140	-	-	-	-	-	-	-
MW-6	11/08/2004 ⁷	36.90	15.63	21.27	0.00	0.00	750	50	<0.5	2	<0.5	81	-	-	-	-	-	-	-
MW-6	02/21/2005 ⁷	36.90	11.43	25.47	0.00	0.00	130	8	<0.5	<0.5	<0.5	60	-	-	-	-	-	-	-
MW-6	05/10/2005 ⁷	36.90	11.41	25.49	0.00	0.00	<50	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-
MW-6	08/12/2005 ⁷	36.90	15.08	21.82	0.00	0.00	75	<0.5	<0.5	<0.5	<0.5	82	-	-	-	-	-	-	-

Table 2

**Groundwater Monitoring and Sampling Data
Former Chevron Service Station 93322
7225 Bancroft Avenue
Oakland, California**

Location	Date	TOC	DTW	GWE	LNAPLT	LNAPL REMOVED	HYDROCARBONS		PRIMARY VOCs					ADDITIONAL VOCs					
							TPH-GRO	B	T	E	X	MTBE by SW8260	MTBE by VOC	Ethanol	TBA	DIPE	ETBE	TAME	
		Units	ft	ft	ft-amsl	ft	gal	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
MW-6	11/11/2005 ⁷	36.90	18.16	18.74	0.00	0.00	1,100	270	12	19	46	350	-	-	-	-	-	-	-
MW-6	02/20/2006 ⁷	36.90	12.15	24.75	0.00	0.00	1,100	250	3	22	9	130	-	-	-	-	-	-	-
MW-6	05/12/2006 ⁷	36.90	10.32	26.58	0.00	0.00	<50	<0.5	<0.5	<0.5	<0.5	84	-	-	-	-	-	-	-
MW-6	08/14/2006 ⁷	36.90	15.21	21.69	0.00	0.00	51	<0.5	<0.5	<0.5	<0.5	75	-	-	-	-	-	-	-
MW-6	11/08/2006 ⁷	36.90	17.97	18.93	0.00	0.00	200	3	<0.5	<0.5	<0.5	27	-	-	-	-	-	-	-
MW-6	02/07/2007 ⁷	36.90	15.60	21.30	0.00	0.00	1,500	120	0.8	5	1	54	-	-	-	-	-	-	-
MW-6	05/07/2007 ⁷	36.90	14.78	22.12	0.00	0.00	740	98	0.5	2	2	31	-	-	-	-	-	-	-
MW-6	08/03/2007 ⁷	36.90	17.57	19.33	0.00	0.00	1,600	410	4	2	3	80	-	-	-	-	-	-	-
MW-6	10/12/2007 ⁷	36.90	19.20	17.70	0.00	0.00	1,100	130	0.9	0.9	<0.5	79	-	-	-	-	-	-	-
MW-6	11/02/2007 ⁷	36.90	19.43	17.47	0.00	0.00	1,500	240	1	0.7	0.5	70	-	-	-	-	-	-	-
MW-6	12/07/2007 ⁷	36.90	19.11	17.79	0.00	0.00	770	84	<0.5	<0.5	<0.5	60	-	-	-	-	-	-	-
MW-6	02/01/2008 ⁷	36.90	14.03	22.87	0.00	0.00	650	89	<0.5	1	0.7	24	-	-	-	-	-	-	-
MW-6	05/09/2008 ⁷	36.90	15.22	21.68	0.00	0.00	680	87	<0.5	<0.5	<0.5	19	-	-	-	-	-	-	-
MW-6	08/22/2008 ⁷	36.90	18.46	18.44	0.00	0.00	950	43	<0.5	<0.5	<0.5	38	-	-	-	-	-	-	-
MW-6	11/26/2008 ⁷	36.90	19.87	17.03	0.00	0.00	1,500	190	1	0.6	0.5	71	-	-	-	-	-	-	-
MW-6	05/20/2009	36.90	15.03	21.87	0.00	0.00	580	23	<0.5	0.7 J	<0.5	11	-	<50	-	-	-	-	-
MW-6	08/26/2009	36.90	19.00	17.90	0.00	0.00	1,100	88	0.8 J	0.6 J	<0.5	25	-	<50	-	-	-	-	-
MW-6	11/12/2009	36.90	18.19	18.71	0.00	0.00	980	95	0.8 J	1	1	20	-	<50	-	-	-	-	-
MW-6	02/01/2010	36.90	13.30	23.60	0.00	0.00	530	28	<0.5	0.9 J	<0.5	6	-	<50	-	-	-	-	-
MW-6	05/17/2010	36.90	11.67	25.23	0.00	0.00	450	14	<0.5	1	<0.5	4	-	<50	-	-	-	-	-
MW-6	08/26/2010	36.90	15.42	21.48	0.00	0.00	860	29	<0.5	2	<0.5	4	-	<50	-	-	-	-	-
MW-6	11/11/2010 ¹²	36.90	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-6	02/10/2011	36.90	13.00	23.90	0.00	0.00	370	10	<0.5	<0.5	<0.5	3	-	<50	-	-	-	-	-
MW-6	06/17/2011	36.90	12.35	24.55	0.00	0.00	690	22	<0.5	2	<0.5	4	-	<50	-	-	-	-	-
MW-6	09/08/2011	36.90	15.68	21.22	0.00	0.00	880	92	<0.5	2	<0.5	6	-	<50	-	-	-	-	-

Table 2

**Groundwater Monitoring and Sampling Data
Former Chevron Service Station 93322
7225 Bancroft Avenue
Oakland, California**

Location	Date	TOC	DTW	GWE	LNAPLT	LNAPL REMOVED	HYDROCARBONS		PRIMARY VOCs					ADDITIONAL VOCs				
							TPH-GRO	B	T	E	X	MTBE by SW8260	MTBE by VOC	Ethanol	TBA	DIPE	ETBE	TAME
MW-6	12/16/2011	36.90	16.63	20.27	0.00	0.00	3,200	620	4	10	8	11	-	<50	-	-	-	-
MW-6	03/02/2012	36.90	16.55	20.35	0.00	0.00	2,900	510	<5	<5	5 J	13	-	<500	-	-	-	-
MW-6	06/08/2012	36.90	14.03	22.87	0.00	0.00	3,000	750	<5	<5	<5	12	-	<500	-	-	-	-
MW-6	09/14/2012	36.90	17.84	19.06	0.00	0.00	4,300	930	<5	<5	<5	10	-	<500	81	<5	<5	<5
MW-6	12/21/2012	36.90	13.88	23.02	0.00	0.00	2,200	360	<5	<5	<5	28	-	<500	-	-	-	-
MW-6	04/01/2013	36.90	15.58	21.32	0.00	0.00	2,100	520	2	3	2	21	-	<50	-	-	-	-
MW-6	06/28/2013	36.90	17.30	19.60	0.00	0.00	1,600	130	<0.5	<0.5	<0.5	5	-	<50	-	-	-	-
MW-6	09/20/2013	36.90	19.07	17.83	0.00	0.00	3,100	680	3	4	3	15	-	<50	-	-	-	-
MW-6	12/30/2013 ¹⁴	36.90	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-6	03/31/2014	36.90	16.10	20.80	0.00	0.00	2,000	220	2	4	2	20	-	<50	-	-	-	-
MW-6	06/30/2014	36.90	17.41	19.49	0.00	0.00	1,400	100	0.6 J	2	<0.5	14	-	<50	-	-	-	-
MW-6	09/22/2014	36.90	20.22	16.68	0.00	0.00	2,100	180	1	2	2	14	-	<50	-	-	-	-
MW-6	12/23/2014 ¹⁴	36.90	-	-	0.00	0.00	-	-	-	-	-	-	-	-	-	-	-	-
MW-6	03/05/2015	36.90	15.52	21.38	0.00	0.00	710	34	<0.5	0.5 J	<0.5	6	-	<50	-	-	-	-
MW-6	06/23/2015	36.90	18.52	18.38	0.00	0.00	1,500	230	<3	<3	6	6	-	<250	43	<3	<3	<3
MW-6	09/23/2015	36.90	21.38	15.52	0.00	0.00	4,800	680	4 J	<3	13	11	-	<250	-	-	-	-
MW-6	12/29/2015	36.90	19.50	17.40	0.00	0.00	1,200	230	<5	<5	<5	-	-	<500	-	-	-	-
MW-6	03/29/2016	36.90	12.69	24.21	0.00	0.00	1,400	260	<5	<5	<5	6	-	<1,300	28	<5	<5	<5
MW-6	07/14/2016	36.90	18.37	18.53	0.00	0.00	1,400	6	<1	<1	0.9 J	0.9 J	-	<250	-	-	-	-
MW-6	09/28/2016	36.90	20.94	15.96	0.00	0.00	5,700	1,300	13	7 J	100	9 J	-	<2,500	120	<10	<10	<10
MW-6	12/29/2016	36.90	15.64	21.26	0.00	0.00	3,100	420	3 J	<5	12	9	-	<1,300	-	-	-	-
MW-6	03/07/2017	36.90	10.28	26.62	0.00	0.00	360	2	<1	<1	<1	<1	-	<250	-	-	-	-
MW-6	06/22/2017	36.90	14.10	22.80	0.00	0.00	600	18	<1	<1	<1	2	-	<250	11	<1	<1	<1
MW-6	08/25/2017	36.90	17.68	19.22	0.00	0.00	3,000	370	3 J	<5	6	3 J		<1,300	17 J	<5	<5	<5

Table 2

**Groundwater Monitoring and Sampling Data
Former Chevron Service Station 93322
7225 Bancroft Avenue
Oakland, California**

Location	Date	TOC	DTW	GWE	LNAPLT	LNAPL REMOVED	HYDROCARBONS		PRIMARY VOCs					ADDITIONAL VOCs					
							TPH-GRO	B	T	E	X	MTBE by SW8260	MTBE by VOC	Ethanol	TBA	DIPE	ETBE	TAME	
	Units	ft	ft	ft-amsl	ft	gal	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
MW-7	02/21/2005 ⁷	36.84	10.41	26.43	0.00	0.00	7,600	2,200	6	210	920	53	-	<100	130	<1	<1	<1	
MW-7	05/10/2005 ⁷	36.84	9.59	27.25	0.00	0.00	3,900	700	<0.5	<0.5	650	77	-	<50	140	<0.5	<0.5	<0.5	
MW-7	08/12/2005 ⁷	36.84	12.83	24.01	0.00	0.00	18,000	7,300	12	1,100	2,500	80	-	<500	280	<5	<5	<5	
MW-7	11/11/2005 ⁷	36.84	16.64	20.20	0.00	0.00	39,000	11,000	38	1,700	2,900	100	-	<1,000	340	<10	<10	<10	
MW-7	02/20/2006 ⁷	36.84	10.39	26.45	0.00	0.00	17,000	4,400	18	470	1,500	62	-	<500	200	<5	<5	<5	
MW-7	05/12/2006 ⁷	36.84	8.79	28.05	0.00	0.00	15,000	5,100	12	370	880	73	-	<500	200	<5	<5	<5	
MW-7	08/14/2006 ⁷	36.84	13.88	22.96	0.00	0.00	30,000	8,100	18	1,500	3,600	74	-	<1,000	280	<10	<10	<10	
MW-7	11/08/2006 ⁷	36.84	16.87	19.97	0.00	0.00	39,000	10,000	28	1,400	2,300	89	-	<1,000	330	<10	<10	<10	
MW-7	02/07/2007 ⁷	36.84	14.43	22.41	0.00	0.00	43,000	9,400	51	1,800	4,400	80	-	<500	280	<5	<5	<5	
MW-7	05/07/2007 ⁷	36.84	12.57	24.27	0.00	0.00	50,000	8,800	35	1,700	3,700	72	-	<1,000	240	<10	<10	<10	
MW-7	08/03/2007 ⁷	36.84	16.10	20.74	0.00	0.00	57,000	12,000	41	2,400	4,400	84	-	<2,500	300	<25	<25	<25	
MW-7	10/12/2007 ⁷	36.84	18.16	18.68	0.00	0.00	15,000	2,300	63	270	730	58	-	<1,000	290	<10	<10	<10	
MW-7	11/02/2007 ⁷	36.84	18.01	18.83	0.00	0.00	21,000	5,000	120	820	2,300	59	-	<500	280	<5	<5	<5	
MW-7	12/07/2007	36.84	18.92	17.92	0.00	0.00	-	-	-	-	-	-	-	-	-	-	-	-	
MW-7	02/01/2008	36.84	12.78	24.06	0.00	0.00	-	-	-	-	-	-	-	-	-	-	-	-	
MW-7	05/09/2008 ⁷	36.84	13.98	22.86	0.00	0.00	24,000	4,600	99	1,000	3,400	57	-	<250	240	<3	<3	<3	
MW-7	08/22/2008 ⁷	36.84	17.19	19.65	0.00	0.00	32,000	9,500	240	1,900	4,800	76	-	<1,000	270	<10	<10	<10	
MW-7	11/26/2008 ⁷	36.84	19.01	17.83	0.00	0.00	39,000	9,700	840	1,600	5,700	62	-	<1,300	280	<13	<13	<13	
MW-7	05/20/2009	36.84	13.71	23.13	0.00	0.00	24,000	5,400	190	810	2,800	66	-	<250	260	<3	<3	<3	
MW-7	08/26/2009	36.84	19.00	17.84	0.00	0.00	-	-	-	-	-	-	-	-	-	-	-	-	
MW-7	11/12/2009	36.84	16.43	20.41	0.00	0.00	19,000	5,900	190	540	1,800	57	-	<500	240	<5	<5	<5	
MW-7	05/17/2010	36.84	10.30	26.54	0.00	0.00	13,000	3,600	63	310	1,300	58	-	<250	220	<3	<3	<3	
MW-7	08/26/2010 ¹¹	36.84	14.40	22.44	0.00	0.00	-	-	-	-	-	-	-	-	-	-	-	-	
MW-7	11/11/2010	36.84	16.50	20.34	0.00	0.00	16,000	7,300	140	720	2,400	64	-	<500	280	<5	<5	<5	
MW-7	02/10/2011 ¹³	36.84	12.16	24.68	0.00	0.00	-	-	-	-	-	-	-	-	-	-	-	-	

Table 2

**Groundwater Monitoring and Sampling Data
Former Chevron Service Station 93322
7225 Bancroft Avenue
Oakland, California**

Location	Date	TOC	DTW	GWE	LNAPLT	LNAPL REMOVED	HYDROCARBONS		PRIMARY VOCs					ADDITIONAL VOCs				
							TPH-GRO	B	T	E	X	MTBE by SW8260	MTBE by VOC	Ethanol	TBA	DIPE	ETBE	TAME
Units	ft	ft	ft-amsl	ft	gal	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
MW-7	06/17/2011	36.84	11.25	25.59	0.00	0.00	12,000	3,800	22	460	1,600	56	-	<250	120	<3	<3	<3
MW-7	09/08/2011	36.84	14.65	22.19	0.00	0.00	-	-	-	-	-	-	-	-	-	-	-	-
MW-7	12/16/2011	36.84	17.36	19.48	0.00	0.00	35,000	8,100	370	1,000	3,900	78	-	<500	300	<5	<5	<5
MW-7	03/02/2012 ¹³	36.84	15.42	21.42	0.00	0.00	-	-	-	-	-	-	-	-	-	-	-	-
MW-7	06/08/2012	36.84	13.10	23.74	0.00	0.00	19,000	6,000	180	310	1,200	56	-	<500	-	-	-	-
MW-7	09/14/2012 ¹³	36.84	16.91	19.93	0.00	0.00	-	-	-	-	-	-	-	-	-	-	-	-
MW-7	12/21/2012	36.84	12.19	24.65	0.00	0.00	21,000	5,300	160	530	2,200	55	-	<2,500	240 J	<25	<25	<25
MW-7	04/01/2013 ¹³	36.84	14.64	22.20	0.00	0.00	-	-	-	-	-	-	-	-	-	-	-	-
MW-7	06/28/2013	36.84	16.10	20.74	0.00	0.00	20,000	6,900	200	420	1,700	81	-	<250	240	<3	<3	<3
MW-7	09/20/2013 ¹³	36.84	17.72	19.12	0.00	0.00	-	-	-	-	-	-	-	-	-	-	-	-
MW-7	12/30/2013	36.84	19.10	17.74	0.00	0.00	14,000	4,800	220	210	1,300	55	-	<500	-	-	-	-
MW-7	03/31/2014 ¹³	36.84	14.64	22.20	0.00	0.00	-	-	-	-	-	-	-	-	-	-	-	-
MW-7	06/30/2014	36.84	15.92	20.92	0.00	0.00	28,000	6,300	290	790	3,000	53	-	<500	-	-	-	-
MW-7	09/22/2014 ¹³	36.84	18.98	17.86	0.00	0.00	-	-	-	-	-	-	-	-	-	-	-	-
MW-7	12/23/2014	36.84	12.62	24.22	0.00	0.00	11,000	1,900	100	230	1,200	31	-	<250	110	<3	<3	<3
MW-7	03/05/2015 ¹³	36.84	13.90	22.94	0.00	0.00	-	-	-	-	-	-	-	-	-	-	-	-
MW-7	06/23/2015	36.84	17.40	19.44	0.00	0.00	17,000	7,400	200	620	2,500	57	-	<2,500	240 J	<25	<25	<25
MW-7	09/23/2015 ¹³	36.84	19.99	16.85	0.00	0.00	-	-	-	-	-	-	-	-	-	-	-	-
MW-7	12/29/2015	36.84	17.31	19.53	0.00	0.00	3,700	1,100	19	23	210	37	-	<500	200	<5	<5	<5
MW-7	03/29/2016 ¹¹	36.84	11.05	25.79	0.00	0.00	-	-	-	-	-	-	-	-	-	-	-	-
MW-7	07/14/2016	36.84	17.06	19.78	0.00	0.00	19,000	7,000	37	230	810	58	-	<5,000	340	<20	<20	<20
MW-7	09/28/2016 ¹³	36.84	19.62	17.22	0.00	0.00	-	-	-	-	-	-	-	-	-	-	-	-
MW-7	12/29/2016	36.84	13.83	23.01	0.00	0.00	20,000	5,800	54	220	940	43	-	<5,000	220	<20	<20	<20
MW-7	03/07/2017 ¹³	36.84	8.81	28.03	0.00	0.00	-	-	-	-	-	-	-	-	-	-	-	-
MW-7	06/22/2017 ¹⁸	36.84	13.09	23.75	0.00	0.00	-	-	-	-	-	-	-	-	-	-	-	-

Table 2

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Former Chevron Service Station 93322
7225 Bancroft Avenue
Oakland, California**

Location	Date	TOC	DTW	GWE	LNAPLT	LNAPL REMOVED	HYDROCARBONS		PRIMARY VOCs					ADDITIONAL VOCs					
							TPH-GRO	B	T	E	X	MTBE by SW8260	MTBE by VOC	Ethanol	TBA	DIPE	ETBE	TAME	
	Units	ft	ft	ft-amsl	ft	gal	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
MW-7	08/25/2017¹¹	36.84	16.47	20.37	0.00	0.00	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-8	04/01/2002 ⁶	37.21	11.10	26.11	0.00	0.00	1,200	8.6	<0.50	2.5	2.5	-	<2.5/<2 ⁵	-	<100	<2	<2	<2	
MW-8	08/05/2002	37.21	16.14	21.07	0.00	0.00	560	11	<0.50	<0.50	<1.5	-	<2.5/<2 ⁵	-	<100	<2	<2	<2	
MW-8	11/04/2002	37.21	18.97	18.24	0.00	0.00	780	5.1	<0.50	1.1	1.9	-	<2 ⁵ / ⁵ <2.5	-	<100	<2	<2	<2	
MW-8	02/03/2003	37.21	13.21	24.00	0.00	0.00	230	3.7	<0.50	0.54	<1.5	-	<0.6 ⁵ / ⁵ <10	-	<5	<0.5	<0.5	<0.5	
MW-8	05/02/2003	37.21	12.12	25.09	0.00	0.00	180	2.5	<0.5	<0.5	<1.5	-	<0.5 ⁵ / ⁵ <2.5	-	<5	<0.5	<0.5	<0.5	
MW-8	08/01/2003 ⁷	37.21	16.11	21.10	0.00	0.00	220	2	<0.5	<0.5	<0.5	0.8	-	<50	<5	<0.5	<0.5	<0.5	
MW-8	11/21/2003 ⁷	37.21	17.17	20.04	0.00	0.00	140	<0.5	<0.5	<0.5	<0.5	0.7	-	<50	<5	<0.5	<0.5	<0.5	
MW-8	02/10/2004 ⁷	37.21	12.13	25.08	0.00	0.00	150	2	<0.5	<0.5	<0.5	0.8	-	<50	<5	<0.5	<0.5	<0.5	
MW-8	05/11/2004 ⁷	37.21	13.47	23.74	0.00	0.00	86	4	<0.5	<0.5	<0.5	1	-	<50	<5	<0.5	<0.5	<0.5	
MW-8	08/10/2004 ⁷	37.21	15.65	21.56	0.00	0.00	80	<0.5	<0.5	<0.5	<0.5	0.8	-	<50	<5	<0.5	<0.5	<0.5	
MW-8	11/08/2004 ⁷	37.21	13.98	23.23	0.00	0.00	110	<0.5	<0.5	<0.5	<0.5	1	-	<50	7	<0.5	<0.5	<0.5	
MW-8	02/21/2005 ⁷	37.21	10.09	27.12	0.00	0.00	<50	<0.5	<0.5	<0.5	<0.5	<0.5	-	<50	<5	<0.5	<0.5	<0.5	
MW-8	05/10/2005 ⁷	37.21	10.60	26.61	0.00	0.00	<50	<0.5	<0.5	<0.5	<0.5	1	-	<50	<5	<0.5	<0.5	<0.5	
MW-8	08/12/2005 ⁷	37.21	12.58	24.63	0.00	0.00	<50	<0.5	<0.5	<0.5	<0.5	<0.5	-	<50	<5	<0.5	<0.5	<0.5	
MW-8	11/11/2005 ⁷	37.21	17.41	19.80	0.00	0.00	96	<0.5	<0.5	<0.5	<0.5	2	-	<50	6	<0.5	<0.5	<0.5	
MW-8	02/20/2006 ⁷	37.21	10.79	26.42	0.00	0.00	81	<0.5	<0.5	<0.5	<0.5	0.6	-	<50	<5	<0.5	<0.5	<0.5	
MW-8	05/12/2006 ⁷	37.21	9.24	27.97	0.00	0.00	72	1	<0.5	<0.5	<0.5	2	-	<50	6	<0.5	<0.5	<0.5	
MW-8	08/14/2006 ⁷	37.21	14.67	22.54	0.00	0.00	110	3	<0.5	<0.5	<0.5	2	-	<50	7	<0.5	<0.5	<0.5	
MW-8	11/08/2006 ⁷	37.21	17.41	19.80	0.00	0.00	310	2	1	<0.5	2	3	-	<50	13	<0.5	<0.5	<0.5	
MW-8	02/07/2007 ⁷	37.21	14.58	22.63	0.00	0.00	310	0.6	<0.5	<0.5	<0.5	2	-	<50	7	<0.5	<0.5	<0.5	
MW-8	05/07/2007 ⁷	37.21	12.78	24.43	0.00	0.00	95	0.5	<0.5	<0.5	<0.5	2	-	<50	6	<0.5	<0.5	<0.5	
MW-8	08/03/2007 ⁷	37.21	16.70	20.51	0.00	0.00	130	<0.5	<0.5	<0.5	<0.5	2	-	<50	8	<0.5	<0.5	<0.5	
MW-8	10/12/2007 ⁷	37.21	18.51	18.70	0.00	0.00	340	<0.5	<0.5	<0.5	<0.5	5	-	<50	20	<0.5	<0.5	<0.5	

Table 2

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Former Chevron Service Station 93322
7225 Bancroft Avenue
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Location	Date	TOC	DTW	GWE	LNAPLT	LNAPL REMOVED	HYDROCARBONS		PRIMARY VOCs					ADDITIONAL VOCs					
							TPH-GRO	B	T	E	X	MTBE by SW8260	MTBE by VOC	Ethanol	TBA	DIPE	ETBE	TAME	
	Units	ft	ft	ft-amsl	ft	gal	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
MW-8	11/02/2007 ⁷	37.21	18.81	18.40	0.00	0.00	210	<0.5	<0.5	<0.5	<0.5	2	-	<50	5	<0.5	<0.5	<0.5	<0.5
MW-8	12/07/2007 ⁷	37.21	18.62	18.59	0.00	0.00	230	<0.5	<0.5	<0.5	<0.5	2	-	<50	5	<0.5	<0.5	<0.5	<0.5
MW-8	02/01/2008 ⁷	37.21	14.18	23.03	0.00	0.00	96	<0.5	<0.5	<0.5	<0.5	0.8	-	<50	<2	<0.5	<0.5	<0.5	<0.5
MW-8	05/09/2008 ⁷	37.21	14.33	22.88	0.00	0.00	120	2	<0.5	<0.5	<0.5	2	-	<50	6	<0.5	<0.5	<0.5	<0.5
MW-8	08/22/2008 ⁷	37.21	17.88	19.33	0.00	0.00	180	0.9	<0.5	<0.5	<0.5	4	-	<50	14	<0.5	<0.5	<0.5	<0.5
MW-8	11/26/2008 ⁷	37.21	19.52	17.69	0.00	0.00	350	<0.5	<0.5	<0.5	<0.5	1	-	<50	2	<0.5	<0.5	<0.5	<0.5
MW-8	05/20/2009	37.21	14.11	23.10	0.00	0.00	310	3	<0.5	<0.5	<0.5	0.7 J	-	<50	<2	<0.5	<0.5	<0.5	<0.5
MW-8	08/26/2009	37.21	18.19	19.02	0.00	0.00	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-8	11/12/2009	37.21	16.60	20.61	0.00	0.00	350	2	<0.5	<0.5	<0.5	1	-	<50	2 J	<0.5	<0.5	<0.5	<0.5
MW-8	05/17/2010	37.21	10.50	26.71	0.00	0.00	230	2	<0.5	<0.5	<0.5	0.5 J	-	<50	<2	<0.5	<0.5	<0.5	<0.5
MW-8	08/26/2010 ¹¹	37.21	14.72	22.49	0.00	0.00	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-8	11/11/2010	37.21	16.58	20.63	0.00	0.00	330	<0.5	<0.5	<0.5	<0.5	1	-	<50	3 J	<0.5	<0.5	<0.5	<0.5
MW-8	02/10/2011 ¹³	37.21	12.30	24.91	0.00	0.00	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-8	06/17/2011	37.21	11.43	25.78	0.00	0.00	<50	<0.5	<0.5	<0.5	<0.5	1	-	<50	<2	<0.5	<0.5	<0.5	<0.5
MW-8	09/08/2011	37.21	15.15	22.06	0.00	0.00	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-8	12/16/2011	37.21	15.00	22.21	0.00	0.00	<50	<0.5	<0.5	<0.5	<0.5	1	-	<50	4 J	<0.5	<0.5	<0.5	<0.5
MW-8	03/02/2012 ¹³	37.21	15.70	21.51	0.00	0.00	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-8	06/08/2012	37.21	13.42	23.79	0.00	0.00	100	2	<0.5	<0.5	<0.5	3	-	<50	-	-	-	-	-
MW-8	09/14/2012 ¹³	37.21	17.20	20.01	0.00	0.00	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-8	12/21/2012	37.21	12.11	25.10	0.00	0.00	<50	<0.5	<0.5	<0.5	<0.5	2	-	<50	6	<0.5	<0.5	<0.5	<0.5
MW-8	04/01/2013 ¹³	37.21	14.87	22.34	0.00	0.00	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-8	06/28/2013	37.21	16.46	20.75	0.00	0.00	350	<0.5	<0.5	0.5 J	0.6 J	9	-	<50	22	<0.5	<0.5	<0.5	<0.5
MW-8	09/20/2013 ¹³	37.21	18.01	19.20	0.00	0.00	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-8	12/30/2013	37.21	19.43	17.78	0.00	0.00	820	<0.5	<0.5	<0.5	<0.5	3	-	<50	-	-	-	-	-
MW-8	03/31/2014 ¹³	37.21	14.40	22.81	0.00	0.00	-	-	-	-	-	-	-	-	-	-	-	-	-

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Location	Date	TOC	DTW	GWE	LNAPLT	LNAPL REMOVED	HYDROCARBONS		PRIMARY VOCs					ADDITIONAL VOCs					
							TPH-GRO	B	T	E	X	MTBE by SW8260	MTBE by VOC	Ethanol	TBA	DIPE	ETBE	TAME	
		Units	ft	ft	ft-amsl	ft	gal	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
MW-8	06/30/2014	37.21	16.46	20.75	0.00	0.00	370	2	<0.5	<0.5	<0.5	3	-	<50	-	-	-	-	-
MW-8	09/22/2014 ¹³	37.21	19.21	18.00	0.00	0.00	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-8	12/23/2014	37.21	12.21	25.00	0.00	0.00	230	<0.5	<0.5	<0.5	<0.5	0.9 J	-	<50	<2	<0.5	<0.5	<0.5	<0.5
MW-8	03/05/2015 ¹³	37.21	14.07	23.14	0.00	0.00	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-8	06/23/2015	37.21	17.70	19.51	0.00	0.00	250	1	<0.5	<0.5	<0.5	3	-	<50	7	<0.5	<0.5	<0.5	<0.5
MW-8	09/23/2015 ¹³	37.21	20.22	16.99	0.00	0.00	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-8	12/29/2015	37.21	17.01	20.20	0.00	0.00	450	0.9 J	<0.5	<0.5	<0.5	<0.5	-	<50	<2	<0.5	<0.5	<0.5	<0.5
MW-8	03/29/2016 ¹¹	37.21	11.06	26.15	0.00	0.00	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-8	07/14/2016	37.21	17.48	19.73	0.00	0.00	370	14	<1	<1	<1	2	-	<250	6	<1	<1	<1	<1
MW-8	09/28/2016 ¹³	37.21	20.09	17.12	0.00	0.00	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-8	12/29/2016	37.21	13.58	23.63	0.00	0.00	300	3	<1	<1	<1	<1	-	<250	3 J	<1	<1	<1	<1
MW-8	03/07/2017 ¹³	37.21	8.68	28.53	0.00	0.00	-	-	-	-	-	-	<	-	-	-	-	-	-
MW-8	06/22/2017	37.21	13.58	23.63	0.00	0.00	1,700	170	2	3	4	8	-	<250	30	<1	<1	<1	<1
MW-8	08/25/2017¹¹	37.21	16.95	20.26	0.00	0.00	-	-	-	-	-	-	<	-	-	-	-	-	-
MW-9	04/01/2002 ⁶	35.03	10.62	24.41	0.00	0.00	94	1.5	<0.50	<0.50	<1.5	-	25/19 ⁵	-	<100	<2	<2	<2	<2
MW-9	08/05/2002	35.03	14.85	20.18	0.00	0.00	<50	<0.50	<0.50	<0.50	<1.5	-	15 ⁵ /18	-	<100	<2	<2	<2	<2
MW-9	11/04/2002	35.03	17.48	17.55	0.00	0.00	<50	<0.50	1.7	<0.50	2.1	-	24/21 ⁵	-	<100	<2	<2	<2	<2
MW-9	02/03/2003	35.03	12.51	22.52	0.00	0.00	<50	1.9	<0.50	<0.50	<1.5	-	17/16 ⁵	-	<5	<0.5	<0.5	<0.5	0.8
MW-9	05/02/2003	35.03	11.68	23.35	0.00	0.00	<50	0.6	<0.5	<0.5	<1.5	-	21/18 ⁵	-	<5	<0.5	<0.5	<0.5	0.8
MW-9	08/01/2003 ⁷	35.03	14.69	20.34	0.00	0.00	<50	<0.5	<0.5	<0.5	<0.5	22	-	<50	7	0.9	<0.5	<0.5	1
MW-9	11/21/2003 ⁷	35.03	16.35	18.68	0.00	0.00	<50	<0.5	<0.5	<0.5	<0.5	18	-	<50	<5	0.8	<0.5	<0.5	1
MW-9	02/10/2004 ⁷	35.03	11.69	23.34	0.00	0.00	210	7	0.5	1	1	31	-	<50	9	0.6	<0.5	<0.5	2
MW-9	05/11/2004 ⁷	35.03	12.12	22.91	0.00	0.00	230	17	<0.5	<0.5	<0.5	72	-	<50	16	<0.5	<0.5	<0.5	4
MW-9	08/10/2004 ⁷	35.03	14.58	20.45	0.00	0.00	250	5	<0.5	<0.5	<0.5	66	-	<50	<5	0.9	<0.5	<0.5	3

Table 2

**Groundwater Monitoring and Sampling Data
Former Chevron Service Station 93322
7225 Bancroft Avenue
Oakland, California**

Location	Date	TOC	DTW	GWE	LNAPLT	LNAPL REMOVED	HYDROCARBONS		PRIMARY VOCS					ADDITIONAL VOCS					
							TPH-GRO	B	T	E	X	MTBE by SW8260	MTBE by VOC	Ethanol	TBA	DIPE	ETBE	TAME	
	Units	ft	ft	ft-amsl	ft	gal	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
MW-9	11/08/2004	35.03	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-9	02/21/2005 ⁷	35.03	9.52	25.51	0.00	0.00	510	6	<0.5	1	3	79	-	<50	17	0.5	<0.5	4	
MW-9	05/10/2005 ⁷	35.03	8.85	26.18	0.00	0.00	670	11	0.7	0.5	2	100	-	<50	20	<0.5	<0.5	4	
MW-9	08/12/2005 ⁷	35.03	11.06	23.97	0.00	0.00	390	4	<0.5	<0.5	0.7	89	-	<50	18	<0.5	<0.5	4	
MW-9	11/11/2005 ⁷	35.03	15.98	19.05	0.00	0.00	2,500	48	5	21	33	140	-	<50	25	<0.5	<0.5	6	
MW-9	02/20/2006 ⁷	35.03	10.08	24.95	0.00	0.00	3,200	47	5	30	32	130	-	<50	22	<0.5	<0.5	5	
MW-9	05/12/2006 ⁷	35.03	8.08	26.95	0.00	0.00	1,800	19	1	1	4	89	-	<50	14	<0.5	<0.5	4	
MW-9	08/14/2006	35.03	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
MW-9	11/08/2006	35.03	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
MW-9	02/07/2007 ⁷	35.03	13.57	21.46	0.00	0.00	2,000	22	2	1	8	78	-	<50	14	<0.5	<0.5	3	
MW-9	05/07/2007 ⁷	35.03	11.85	23.18	0.00	0.00	1,800	17	2	1	5	67	-	<50	13	<0.5	<0.5	3	
MW-9	08/03/2007	35.03	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
MW-9	10/12/2007 ⁷	35.03	17.20	17.83	0.00	0.00	55	<0.5	<0.5	<0.5	<0.5	30	-	<50	4	<0.5	<0.5	1	
MW-9	11/02/2007 ⁷	35.03	17.28	17.75	0.00	0.00	72	<0.5	<0.5	<0.5	0.9	57	-	<50	8	<0.5	<0.5	2	
MW-9	12/07/2007 ⁷	35.03	17.12	17.91	0.00	0.00	<50	<0.5	<0.5	<0.5	<0.5	59	-	<50	9	<0.5	<0.5	2	
MW-9	02/01/2008 ⁷	35.03	12.23	22.80	0.00	0.00	61	<0.5	<0.5	<0.5	<0.5	50	-	<50	11	<0.5	<0.5	2	
MW-9	05/09/2008	35.03	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
MW-9	05/16/2008 ⁷	35.03	13.34	21.69	0.00	0.00	51	0.5	6	0.5	3	35	-	<50	11	<0.5	<0.5	1	
MW-9	08/22/2008 ⁷	35.03	16.32	18.71	0.00	0.00	<50	<0.5	<0.5	<0.5	<0.5	35	-	<50	6	<0.5	<0.5	0.9	
MW-9	11/26/2008 ⁷	35.03	17.84	17.19	0.00	0.00	<50	<0.5	<0.5	<0.5	<0.5	33	-	<50	4	<0.5	<0.5	0.7	
MW-9	05/20/2009	35.03	13.18	21.85	0.00	0.00	<50	<0.5	<0.5	<0.5	<0.5	18	-	<50	7	<0.5	<0.5	<0.5	
MW-9	08/26/2009	35.03	17.03	18.00	0.00	0.00	<50	<0.5	<0.5	<0.5	<0.5	26	-	<50	<2	<0.5	<0.5	<0.5	
MW-9	02/01/2010	35.03	11.69	23.34	0.00	0.00	<50	<0.5	<0.5	<0.5	<0.5	19	-	<50	9	<0.5	<0.5	<0.5	
MW-9	08/26/2010	35.03	12.60	22.43	0.00	0.00	<50	<0.5	<0.5	<0.5	<0.5	17	-	<50	9	<0.5	<0.5	0.6 J	
MW-9	11/11/2010 ¹¹	35.03	15.74	19.29	0.00	0.00	-	-	-	-	-	-	-	-	-	-	-	-	

Table 2

**Groundwater Monitoring and Sampling Data
Former Chevron Service Station 93322
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Oakland, California**

Location	Date	TOC	DTW	GWE	LNAPLT	LNAPL REMOVED	HYDROCARBONS		PRIMARY VOCs					ADDITIONAL VOCs					
							TPH-GRO	B	T	E	X	MTBE by SW8260	MTBE by VOC	Ethanol	TBA	DIPE	ETBE	TAME	
		Units	ft	ft	ft-amsl	ft	gal	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
MW-9	02/10/2011 ¹¹	35.03	10.29	24.74	0.00	0.00	<50	<0.5	<0.5	<0.5	<0.5	12	-	<50	12	<0.5	<0.5	<0.5	
MW-9	06/17/2011 ¹¹	35.03	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
MW-9	09/08/2011 ¹¹	35.03	12.74	22.29	0.00	0.00	60 J	<0.5	<0.5	<0.5	<0.5	15	-	<50	-	-	-	-	
MW-9	12/16/2011 ¹¹	35.03	14.60	20.43	0.00	0.00	-	-	-	-	-	-	-	-	-	-	-	-	
MW-9	03/02/2012	35.03	14.43	20.60	0.00	0.00	83 J	<0.5	<0.5	<0.5	<0.5	10	-	<50	15	<0.5	<0.5	<0.5	
MW-9	06/08/2012 ¹¹	35.03	11.42	23.61	0.00	0.00	-	-	-	-	-	-	-	-	-	-	-	-	
MW-9	09/14/2012	35.03	15.90	19.13	0.00	0.00	220	1	<0.5	<0.5	<0.5	17	-	<50	14	<0.5	<0.5	<0.5	
MW-9	12/21/2012 ¹¹	35.03	12.06	22.97	0.00	0.00	-	-	-	-	-	-	-	-	-	-	-	-	
MW-9	04/01/2013	35.03	12.68	22.35	0.00	0.00	630	4	0.5 J	<0.5	1	11	-	<50	11	<0.5	<0.5	<0.5	
MW-9	06/28/2013 ¹¹	35.03	15.29	19.74	0.00	0.00	-	-	-	-	-	-	-	-	-	-	-	-	
MW-9	09/20/2013	35.03	16.92	18.11	0.00	0.00	120	<0.5	<0.5	<0.5	<0.5	12	-	<50	-	-	-	-	
MW-9	12/30/2013	35.03	18.24	16.79	0.00	0.00	-	-	-	-	-	-	-	-	-	-	-	-	
MW-9	03/31/2014	35.03	14.20	20.83	0.00	0.00	<50	<0.5	<0.5	<0.5	<0.5	4	-	<50	4 J	<0.5	<0.5	<0.5	
MW-9	06/30/2014 ¹³	35.03	15.51	19.52	0.00	0.00	-	-	-	-	-	-	-	-	-	-	-	-	
MW-9	09/22/2014	35.03	18.21	16.82	0.00	0.00	<50	<0.5	<0.5	<0.5	<0.5	8	-	<50	<2	<0.5	<0.5	<0.5	
MW-9	12/23/2014 ¹³	35.03	13.21	21.82	0.00	0.00	-	-	-	-	-	-	-	-	-	-	-	-	
MW-9	03/05/2015	35.03	13.29	21.74	0.00	0.00	<50	<0.5	<0.5	<0.5	<0.5	6	-	<50	6	<0.5	<0.5	<0.5	
MW-9	06/23/2015 ¹³	35.03	16.61	18.42	0.00	0.00	-	-	-	-	-	-	-	-	-	-	-	-	
MW-9	09/23/2015	35.03	19.48	15.55	0.00	0.00	<50	<0.5	<0.5	<0.5	<0.5	8	-	<50	<2	<0.5	<0.5	<0.5	
MW-9	12/29/2015 ¹¹	35.03	16.97	18.06	0.00	0.00	-	-	-	-	-	-	-	-	-	-	-	-	
MW-9	03/29/2016	35.03	10.76	24.27	0.00	0.00	<100	<1	<1	<1	<1	2	-	<250	6	<1	<1	<1	
MW-9	07/14/2016 ¹³	35.03	16.28	18.75	0.00	0.00	-	-	-	-	-	-	-	-	-	-	-	-	
MW-9	09/28/2016	35.03	18.85	16.18	0.00	0.00	<100	<1	<1	<1	<1	3	-	<250	<5	<1	<1	<1	
MW-9	12/29/2016 ¹³	35.03	14.00	21.03	0.00	0.00	-	-	-	-	-	-	-	-	-	-	-	-	
MW-9	03/07/2017	35.03	8.25	26.78	0.00	0.00	<100	<1	<1	<1	<1	0.7 J	-	<250	6	<1	<1	<1	

Table 2

**Groundwater Monitoring and Sampling Data
Former Chevron Service Station 93322
7225 Bancroft Avenue
Oakland, California**

Location	Date	TOC	DTW	GWE	LNAPLT	LNAPL REMOVED	HYDROCARBONS		PRIMARY VOCs					ADDITIONAL VOCs					
							TPH-GRO	B	T	E	X	MTBE by SW8260	MTBE by VOC	Ethanol	TBA	DIPE	ETBE	TAME	
	Units	ft	ft	ft-amsl	ft	gal	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
MW-9	06/22/2017	35.03	12.10	22.93	0.00	0.00	<100	<1	<1	<1	<1	9	-	<250	9	<1	<1	<1	
MW-9	08/25/2017¹¹	35.03	15.65	19.38	0.00	0.00	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-10	04/01/2002 ⁶	35.53	11.72	23.81	0.00	0.00	<50	<0.50	<0.50	<0.50	<1.5	-	5 ⁵ /6.1	-	<100	<2	<2.0	<2	
MW-10	08/05/2002	35.53	15.80	19.73	0.00	0.00	<50	<0.50	<0.50	<0.50	<1.5	-	5.1/5 ⁵	-	<100	<2	<2.0	<2	
MW-10	11/04/2002	35.53	18.31	17.22	0.00	0.00	<50	<0.50	<0.50	<0.50	<1.5	-	5.5/5 ⁵	-	<100	<2	<2.0	<2	
MW-10	02/03/2003	35.53	13.42	22.11	0.00	0.00	<50	<0.50	<0.50	<0.50	<1.5	-	2.8/3 ⁵	-	<5	<0.5	<0.5	<0.5	
MW-10	05/02/2003	35.53	12.45	23.08	0.00	0.00	<50	<0.5	<0.5	<0.5	<1.5	-	<2.5/<0.5 ⁵	-	<5	<0.5	<0.5	<0.5	
MW-10	08/01/2003 ⁷	35.53	15.62	19.91	0.00	0.00	<50	<0.5	<0.5	<0.5	<0.5	2	-	<50.0	<5	<0.5	<0.5	<0.5	
MW-10	11/21/2003 ⁷	35.53	17.26	18.27	0.00	0.00	<50	<0.5	<0.5	<0.5	<0.5	1	-	<50.0	<5	<0.50	<0.50	<0.5	
MW-10	02/10/2004 ⁷	35.53	12.52	23.01	0.00	0.00	<50	<0.5	<0.5	<0.5	<0.5	<0.5	-	<50.0	<5	<0.50	<0.5	<0.5	
MW-10	05/11/2004 ⁷	35.53	13.06	22.47	0.00	0.00	<50	<0.5	<0.5	<0.5	<0.5	1	-	<50	<5	<0.5	<0.5	<0.5	
MW-10	08/10/2004 ⁷	35.53	15.45	20.08	0.00	0.00	<50	<0.5	<0.5	<0.5	<0.5	3	-	<50.0	<5	<0.5	<0.5	<0.5	
MW-10	11/08/2004 ⁷	35.53	14.68	20.85	0.00	0.00	<50	<0.5	<0.5	0.9	5	<0.5	-	<50.0	<5	<0.5	<0.50	<0.5	
MW-10	02/21/2005 ⁷	35.53	10.32	25.21	0.00	0.00	<50	<0.5	<0.5	<0.5	<0.5	<0.5	-	<50.0	<5	<0.5	<0.50	<0.5	
MW-10	05/10/2005 ⁷	35.53	11.04	24.49	0.00	0.00	<50	<0.5	<0.5	<0.5	<0.5	1	-	<50.0	<5	<0.5	<0.50	<0.5	
MW-10	08/12/2005 ⁷	35.53	12.58	22.95	0.00	0.00	<50	<0.5	<0.5	<0.5	<0.5	1	-	<50.0	<5	<0.5	<0.50	<0.5	
MW-10	11/11/2005 ⁷	35.53	16.89	18.64	0.00	0.00	<50	<0.5	<0.5	<0.5	<0.5	5	-	<50.0	<5	<0.5	<0.50	<0.5	
MW-10	02/20/2006 ⁷	35.53	10.91	24.62	0.00	0.00	<50	<0.5	<0.5	<0.5	<0.5	<0.5	-	<50.0	<5	<0.5	<0.50	<0.5	
MW-10	05/12/2006 ⁷	35.53	9.26	26.27	0.00	0.00	<50	<0.5	<0.5	<0.5	<0.5	0.6	-	<50	<5	<0.5	<0.5	<0.5	
MW-10	08/14/2006 ⁷	35.53	13.96	21.57	0.00	0.00	<50	<0.5	<0.5	<0.5	<0.5	2	-	<50.0	<5	<0.5	<0.5	<0.5	
MW-10	11/08/2006	35.53	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-10	02/07/2007 ⁷	35.53	14.45	21.08	0.00	0.00	<50	<0.5	<0.5	<0.5	<0.5	2	-	<50.0	<2	<0.5	<0.5	<0.5	
MW-10	05/07/2007 ⁷	35.53	12.81	22.72	0.00	0.00	<50	<0.5	<0.5	<0.5	<0.5	0.9	-	<50.0	<2	<0.5	<0.5	<0.5	
MW-10	08/03/2007 ⁷	35.53	16.35	19.18	0.00	0.00	<50	<0.5	<0.5	<0.5	<0.5	3	-	<50	<2	<0.5	<0.5	<0.5	

Table 2

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7225 Bancroft Avenue
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Location	Date	TOC	DTW	GWE	LNAPLT	LNAPL REMOVED	HYDROCARBONS		PRIMARY VOCs					ADDITIONAL VOCs					
							TPH-GRO	B	T	E	X	MTBE by SW8260	MTBE by VOC	Ethanol	TBA	DIPE	ETBE	TAME	
	Units	ft	ft	ft-amsl	ft	gal	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
MW-10	10/12/2007 ⁷	35.53	17.93	17.60	0.00	0.00	<50	<0.5	<0.5	<0.5	<0.5	5	-	<50	<2	<0.5	<0.5	<0.5	<0.5
MW-10	11/02/2007 ⁷	35.53	18.04	17.49	0.00	0.00	<50	<0.5	<0.5	<0.5	<0.5	4	-	<50	<2	<0.5	<0.5	<0.5	<0.5
MW-10	12/07/2007 ⁷	35.53	17.81	17.72	0.00	0.00	<50	<0.5	<0.5	<0.5	<0.5	3	-	<50	<2	<0.5	<0.50	<0.5	<0.5
MW-10	02/01/2008 ⁷	35.53	13.35	22.18	0.00	0.00	<50	<0.5	<0.5	<0.5	<0.5	<0.5	-	<50	<2	<0.5	<0.50	<0.5	<0.5
MW-10	05/09/2008 ⁷	35.53	14.11	21.42	0.00	0.00	<50	<0.5	<0.5	<0.5	<0.5	2	-	<50	<2	<0.50	<0.50	<0.5	<0.5
MW-10	08/22/2008 ⁷	35.53	17.70	17.83	0.00	0.00	<50	<0.5	<0.5	<0.5	<0.5	5	-	<50	<2	<0.5	<0.50	<0.5	<0.5
MW-10	11/26/2008 ⁷	35.53	18.61	16.92	0.00	0.00	<50	<0.5	<0.5	<0.5	<0.5	4	-	<50	<2	<0.5	<0.5	<0.5	<0.5
MW-10	05/20/2009	35.53	14.03	21.50	0.00	0.00	<50	<0.5	<0.5	<0.5	<0.5	3	-	<50	<2	<0.5	<0.5	<0.5	<0.5
MW-10	08/26/2009	35.53	17.81	17.72	0.00	0.00	<50	<0.5	<0.5	<0.5	<0.5	4	-	<50	<2	<0.5	<0.5	<0.5	<0.5
MW-10	02/01/2010	35.53	12.36	23.17	0.00	0.00	<50	<0.5	<0.5	<0.5	<0.5	1	-	<50	<2	<0.5	<0.5	<0.5	<0.5
MW-10	08/26/2010	35.53	14.15	21.38	0.00	0.00	<50	<0.5	<0.5	<0.5	<0.5	1	-	<50	<2	<0.5	<0.5	<0.5	<0.5
MW-10	11/11/2010 ¹¹	35.53	16.09	19.44	0.00	0.00	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-10	02/10/2011 ¹¹	35.53	12.02	23.51	0.00	0.00	<50	<0.5	<0.5	<0.5	<0.5	0.7 J	-	<50	<2	<0.5	<0.5	<0.5	<0.5
MW-10	06/17/2011 ¹¹	35.53	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-10	09/08/2011 ¹¹	35.53	14.31	21.22	0.00	0.00	<50	<0.5	<0.5	<0.5	<0.5	0.5 J	-	<50	-	-	-	-	-
MW-10	12/16/2011 ¹¹	35.53	15.41	20.12	0.00	0.00	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-10	03/02/2012	35.53	15.28	20.25	0.00	0.00	<50	<0.5	<0.5	<0.5	<0.5	1	-	<50	<2	<0.5	<0.5	<0.5	<0.5
MW-10	06/08/2012 ¹¹	35.53	12.84	22.69	0.00	0.00	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-10	09/14/2012	35.53	16.63	18.90	0.00	0.00	<50	<0.5	<0.5	1	6	2	-	<50	<2	<0.5	<0.5	<0.5	<0.5
MW-10	12/21/2012 ¹¹	35.53	12.76	22.77	0.00	0.00	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-10	04/01/2013	35.53	14.37	21.16	0.00	0.00	<50	<0.5	<0.5	<0.5	<0.5	1	-	<50	<2	<0.5	<0.5	<0.5	<0.5
MW-10	06/28/2013 ¹¹	35.53	16.03	19.50	0.00	0.00	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-10	09/20/2013	35.53	17.88	17.65	0.00	0.00	<50	<0.5	<0.5	<0.5	<0.5	2	-	<50	-	-	-	-	-
MW-10	12/30/2013	35.53	19.05	16.48	0.00	0.00	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-10	03/31/2014	35.53	15.40	20.13	0.00	0.00	<50	<0.5	<0.5	<0.5	<0.5	0.8 J	-	<50	<2	<0.5	<0.5	<0.5	<0.5

Table 2

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7225 Bancroft Avenue
Oakland, California**

Location	Date	TOC	DTW	GWE	LNAPLT	LNAPL REMOVED	HYDROCARBONS		PRIMARY VOCs					ADDITIONAL VOCs					
							TPH-GRO	B	T	E	X	MTBE by SW8260	MTBE by VOC	Ethanol	TBA	DIPE	ETBE	TAME	
	Units	ft	ft	ft-amsl	ft	gal	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
MW-10	06/30/2014 ¹³	35.53	16.22	19.31	0.00	0.00	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-10	09/22/2014	35.53	18.97	16.56	0.00	0.00	<50	<0.5	<0.5	<0.5	<0.5	2	-	<50	<2	<0.5	<0.5	<0.5	<0.5
MW-10	12/23/2014 ¹³	35.53	13.54	21.99	0.00	0.00	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-10	03/05/2015	35.53	14.41	21.12	0.00	0.00	<50	<0.5	<0.5	<0.5	<0.5	2	-	<50	<2	<0.5	<0.5	<0.5	<0.5
MW-10	06/23/2015 ¹³	35.53	17.41	18.12	0.00	0.00	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-10	09/23/2015	35.53	20.18	15.35	0.00	0.00	<50	<0.5	<0.5	<0.5	<0.5	2	-	<50	<2	<0.5	<0.5	<0.5	<0.5
MW-10	12/29/2015 ¹¹	35.53	17.62	17.91	0.00	0.00	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-10	03/29/2016	35.53	11.72	23.81	0.00	0.00	<100	<1	<1	<1	<1	<1	-	<250	<5	<1	<1	<1	<1
MW-10	07/14/2016 ¹³	35.53	17.17	18.36	0.00	0.00	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-10	09/28/2016	35.53	19.68	15.85	0.00	0.00	<100	<1	<1	<1	<1	0.9 J	-	<250	<5	<1	<1	<1	<1
MW-10	12/29/2016 ¹³	35.53	14.73	20.80	0.00	0.00	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-10	03/07/2017	35.53	9.37	26.16	0.00	0.00	<100	<1	<1	<1	<1	<1	-	<250	<5	<1	<1	<1	<1
MW-10	06/22/2017	35.53	12.90	22.63	0.00	0.00	<100	<1	<1	<1	<1	<1	-	<250	<5	<1	<1	<1	<1
MW-10	08/25/2017¹¹	35.53	16.44	19.09	0.00	0.00	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-11	06/22/2017 ¹⁶	35.27	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-11	08/25/2017¹⁶	35.27	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-12	06/22/2017 ¹⁸	35.37	11.70	23.67	0.00	0.00	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-12	08/25/2017	35.37	14.83	20.54	0.00	0.00	44,000	370	360	2,700	9,800	<10	-	<2,500	<50	<10	<10	<10	<10
QA	11/21/2001	-	-	-	-	-	<50	<0.50	<0.50	<0.50	<1.5	-	<2.5	-	-	-	-	-	-
QA	02/05/2002	-	-	-	-	-	<50	<0.50	<0.50	<0.50	<1.5	-	<2.5	-	-	-	-	-	-
QA	04/01/2002	-	-	-	-	-	<50	<0.50	<0.50	<0.50	<1.5	-	<2.5	-	-	-	-	-	-
QA	08/05/2002	-	-	-	-	-	<50	<0.50	<0.50	<0.50	<1.5	-	<2.5	-	-	-	-	-	-

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7225 Bancroft Avenue
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Location	Date	TOC	DTW	GWE	LNAPLT	LNAPL REMOVED	HYDROCARBONS		PRIMARY VOCs					ADDITIONAL VOCs					
							TPH-GRO	B	T	E	X	MTBE by SW8260	MTBE by VOC	Ethanol	TBA	DIPE	ETBE	TAME	
	Units	ft	ft	ft-amsl	ft	gal	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
QA	10/04/2002	-	-	-	-	-	<50	<0.50	<0.50	<0.50	<1.5	-	<2.5	-	-	-	-	-	-
QA	02/03/2003	-	-	-	-	-	<50	<0.50	<0.50	<0.50	<1.5	-	<2.5	-	-	-	-	-	-
QA	05/02/2003	-	-	-	-	-	<50	<0.5	<0.5	<0.5	<1.5	-	<2.5	-	-	-	-	-	-
QA	08/01/2003 ⁷	-	-	-	-	-	<50	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-
QA	11/21/2003 ⁷	-	-	-	-	-	<50	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-
QA	02/10/2004 ⁷	-	-	-	-	-	<50	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-
QA	05/11/2004 ⁷	-	-	-	-	-	<50	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-
QA	08/10/2004 ⁷	-	-	-	-	-	<50	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-
QA	11/08/2004 ⁷	-	-	-	-	-	<50	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-
QA	02/21/2005 ⁷	-	-	-	-	-	<50	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-
QA	05/10/2005 ⁷	-	-	-	-	-	<50	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-
QA	08/12/2005 ⁷	-	-	-	-	-	<50	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-
QA	11/11/2005 ⁷	-	-	-	-	-	<50	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-
QA	02/20/2006 ⁷	-	-	-	-	-	<50	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-
QA	05/12/2006 ⁷	-	-	-	-	-	<50	<0.5	0.5 ⁹	<0.5	<0.5	<0.5	-	-	-	-	-	-	-
QA	08/14/2006 ⁷	-	-	-	-	-	<50	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-
QA	11/08/2006 ⁷	-	-	-	-	-	<50	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-
QA	02/07/2007 ⁷	-	-	-	-	-	<50	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-
QA	05/07/2007 ⁷	-	-	-	-	-	<50	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-
QA	08/03/2007 ⁷	-	-	-	-	-	<50	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-
QA	10/12/2007 ⁷	-	-	-	-	-	<50	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-
QA	11/02/2007 ⁷	-	-	-	-	-	<50	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-
QA	12/07/2007 ⁷	-	-	-	-	-	<50	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-
QA	02/01/2008 ⁷	-	-	-	-	-	<50	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-
QA	05/09/2008 ⁷	-	-	-	-	-	<50	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-

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Location	Date	TOC	DTW	GWE	LNAPLT	LNAPL REMOVED	HYDROCARBONS		PRIMARY VOCs					ADDITIONAL VOCs					
							TPH-GRO	B	T	E	X	MTBE by SW8260	MTBE by VOC	Ethanol	TBA	DIPE	ETBE	TAME	
	Units	ft	ft	ft-amsl	ft	gal	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
QA	05/16/2008 ⁷	-	-	-	-	-	<50	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-
QA	08/22/2008 ⁷	-	-	-	-	-	<50	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-
QA	11/26/2008 ⁷	-	-	-	-	-	<50	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-
QA	05/20/2009	-	-	-	-	-	<50	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-
QA	08/26/2009	-	-	-	-	-	<50	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-
QA	11/12/2009	-	-	-	-	-	<50	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-
QA	02/01/2010	-	-	-	-	-	<50	<0.5	<0.5	<0.5	<0.5	<0.5	-	<50	-	-	-	-	-
QA	05/17/2010	-	-	-	-	-	<50	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-
QA	08/26/2010	-	-	-	-	-	<50	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-
QA	11/11/2010	-	-	-	-	-	<50	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-
QA	02/10/2011	-	-	-	-	-	<50	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-
QA	06/17/2011	-	-	-	-	-	<50	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-
QA	09/08/2011	-	-	-	-	-	<50	<0.5	<0.5	<0.5	<0.5	<0.5	-	<50	-	-	-	-	-
QA	12/16/2011	-	-	-	-	-	<50	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-
QA	03/02/2012	-	-	-	-	-	<50	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-
QA	06/08/2012	-	-	-	-	-	<50	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-
QA	09/14/2012	-	-	-	-	-	<50	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-
QA	12/21/2012	-	-	-	-	-	<50	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-
QA	04/01/2013	-	-	-	-	-	<50	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-
QA	06/28/2013	-	-	-	-	-	<50	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-
QA	09/20/2013	-	-	-	-	-	<50	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-
QA	12/30/2013	-	-	-	-	-	<50	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-
QA	03/31/2014	-	-	-	-	-	<50	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-
QA	06/30/2014	-	-	-	-	-	<50	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-
QA	09/22/2014	-	-	-	-	-	<50	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-

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							TPH-GRO	B	T	E	X	MTBE by SW8260	MTBE by VOC	Ethanol	TBA	DIPE	ETBE	TAME	
	Units	ft	ft	ft-amsl	ft	gal	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
QA	12/23/2014	-	-	-	-	-	<50	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-
QA	03/05/2015	-	-	-	-	-	<50	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-
QA	06/23/2015	-	-	-	-	-	<50	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-
QA	09/23/2015	-	-	-	-	-	<50	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-
QA	12/29/2015	-	-	-	-	-	<22	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-
QA	03/29/2016	-	-	-	-	-	<100	<1	<1	<1	<1	<1	-	-	-	-	-	-	-
QA	07/14/2016	-	-	-	-	-	<100	<1	<1	<1	<1	<1	-	-	-	-	-	-	-
QA	09/28/2016	-	-	-	-	-	<100	<1	<1	<1	<1	<1	-	-	-	-	-	-	-
QA	12/29/2016	-	-	-	-	-	<100	<1	<1	<1	<1	<1	-	-	-	-	-	-	-
QA	03/07/2017	-	-	-	-	-	<100	<1	<1	<1	<1	<1	-	-	-	-	-	-	-
QA	6/22/2017	-	-	-	-	-	<100	<1	<1	<1	<1	<1	-	<250	<5	<1	<1	<1	<1
QA	08/25/2017	-	-	-	-	-	<100	<1	<1	<1	<1	<1	-	<250	<5	<1	<1	<1	<1
TRIP BLANK	02/08/1998	-	-	-	-	-	<50	<0.5	<0.5	<0.5	<0.5	-	<2.5	-	-	-	-	-	-
TRIP BLANK	06/16/1998	-	-	-	-	-	<50	<0.5	<0.5	<0.5	<0.5	-	<2.5	-	-	-	-	-	-
TRIP BLANK	07/29/1998	-	-	-	-	-	<50	<0.5	<0.5	<0.5	<0.5	-	<2.5	-	-	-	-	-	-
TRIP BLANK	08/13/1998	-	-	-	-	-	<50	<0.5	<0.5	<0.5	<0.5	-	<2.5	-	-	-	-	-	-
TRIP BLANK	11/24/1998	-	-	-	-	-	<50	<0.5	<0.5	<0.5	<0.5	-	<2.5	-	-	-	-	-	-
TRIP BLANK	02/02/1999	-	-	-	-	-	<50	<0.5	<0.5	<0.5	<0.5	-	<2.5	-	-	-	-	-	-
TRIP BLANK	02/03/1999	-	-	-	-	-	<50	<0.5	<0.5	<0.5	<0.5	-	<2.5	-	-	-	-	-	-
TRIP BLANK	06/07/1999	-	-	-	-	-	<50	<0.5	<0.5	<0.5	<0.5	-	<2.5	-	-	-	-	-	-
TRIP BLANK	09/07/1999	-	-	-	-	-	<50	<0.5	<0.5	<0.5	<0.5	-	<5.0	-	-	-	-	-	-
TRIP BLANK	10/27/1999	-	-	-	-	-	<50	<0.5	<0.5	<0.5	<0.5	-	<2.5	-	-	-	-	-	-
TRIP BLANK	02/08/2000	-	-	-	-	-	<50	<0.5	<0.5	<0.5	<0.5	-	<5.0	-	-	-	-	-	-
TRIP BLANK	05/05/2000	-	-	-	-	-	<50	<0.50	<0.50	<0.50	<0.50	-	<2.5	-	-	-	-	-	-

Table 2

**Groundwater Monitoring and Sampling Data
Former Chevron Service Station 93322
7225 Bancroft Avenue
Oakland, California**

Location	Date	TOC	DTW	GWE	LNAPLT	LNAPL REMOVED	HYDROCARBONS		PRIMARY VOCS					ADDITIONAL VOCS					
							TPH-GRO	B	T	E	X	MTBE by SW8260	MTBE by VOC	Ethanol	TBA	DIPE	ETBE	TAME	
Units		ft	ft	ft-amsl	ft	gal	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
TRIP BLANK	07/28/2000	-	-	-	-	-	<50	<0.50	<0.50	<0.50	<0.50	-	<2.5	-	-	-	-	-	-
TRIP BLANK	11/26/2000	-	-	-	-	-	<50	<0.50	<0.50	<0.50	<0.50	-	<2.5	-	-	-	-	-	-
TRIP BLANK	02/09/2001	-	-	-	-	-	<50.0	<0.500	<0.500	<0.500	<0.500	-	<2.50	-	-	-	-	-	-
TRIP BLANK	05/11/2001	-	-	-	-	-	<50	<0.50	<0.50	<0.50	<0.50	-	<2.5	-	-	-	-	-	-
TRIP BLANK	08/30/2001	-	-	-	-	-	<50	<0.50	<0.50	<0.50	<0.50	-	<2.5	-	-	-	-	-	-

Abbreviations and Notes:

TOC = Top of casing

DTW = Depth to water

GWE = Groundwater elevation

(ft-amsl) = Feet above mean sea level

ft = Feet

µg/L = Micrograms per liter

TPH-GRO = Total petroleum hydrocarbons - gasoline range organics

VOCS = Volatile organic compounds

B = Benzene

T = Toluene

E = Ethylbenzene

X = Xylenes (Total)

MTBE = Methyl tert butyl ether

TBA = Tert-butyl alcohol

DIPE = Diisopropyl ether

ETBE = Tert-butyl ethyl ether

TAME = Tert-amyl methyl ether

**Groundwater Monitoring and Sampling Data
Former Chevron Service Station 93322
7225 Bancroft Avenue
Oakland, California**

Location	Date	TOC	DTW	GWE	LNAPL	LNAPL REMOVED	HYDROCARBONS		PRIMARY VOCS				ADDITIONAL VOCS					
							TPH-GRO	B	T	E	X	MTBE by SW8260	MTBE by VOC	Ethanol	TBA	DIPE	ETBE	TAME
Units		ft	ft	ft-amsl	ft	gal	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L

J = Estimated value (the result method result > the detection limit < the limit of quantitation)

-- = Not available / not applicable

<x = Not detected above laboratory method detection limit

* TOC elevations were re-surveyed on May 31, 2005, by Morrow Surveying Land Surveyors using the previous benchmark. TOC elevations were surveyed in April 2002, by Morrow Surveying. Elevations are based on City of Oakland Benchmark designated 3787 in field book 1595, page 50; cut square northerly curb on Krause Ave., approx. 37 feet westerly of PL westerly of 73rd Ave., (Elevation = 33.82 feet).

** GWE corrected for the presence of LNAPL; correction factor: [(TOC - DTW) + (LNAPL x 0.8)].

1 Confirmation run.

2 Laboratory report indicates gasoline C6-C12.

3 Laboratory report indicates weathered gasoline C6-C12.

4 Product and water removed.

5 MTBE by EPA Method 8260.

6 Well development performed.

7 BTEX and MTBE by EPA Method 8260.

8 Laboratory report indicates the trip blank results were investigated and the source of contamination did not occur during analysis.

9 Product removed; no water removed.

10 Laboratory report indicates the value for the TPH-GRO is estimated because the value is over the calibration range of the system. The surrogate recovery is outside the upper statistical QC limit. The sample was not reanalyzed because the hold time had ex

11 Sampled semi-annually.

12 Unable to access well due to large donation bin located on well.

13 Gauged only.

14 Inaccessible

15 SPH present

16 Unable to access well - car parked over well

17 Absorbent sock in well

18 Well not sampled due to theft - technicians had to leave site

Table 3

Cumulative Grab-Groundwater Analytical Data
 Former Chevron Service Station 93322
 7225 Bancroft Avenue
 Oakland, California

Sample ID	Date	Depth (fbg)	TPH	TPHmo	TPHd	TPHg	Benzene Toluene		Ethylbenzene	Total Xylenes	MTBE	TBA	DIPE	ETBE	TAME	1,2-DCA	EDB	Ethanol	Other VOCs*	SVOCs*	Hg	Sb	As	Ba	Be	Cd	Cr	Co	Cu	Pb	Mo	Ni	Se	Ag	Tl	V	Zn	Pesticides	PCBs
<i>WQOs - Groundwater</i>			<i>100</i>	<i>100</i>	<i>100</i>	<i>100</i>	<i>1</i>	<i>40</i>	<i>13</i>	<i>20</i>	<i>5</i>	<i>12</i>	<i>NE</i>	<i>NE</i>	<i>NE</i>	<i>0.5</i>	<i>0.05</i>	<i>NE</i>	<i>NE</i>	<i>NE</i>	<i>NE</i>	<i>NE</i>	<i>NE</i>	<i>NE</i>	<i>NE</i>	<i>NE</i>	<i>NE</i>	<i>NE</i>	<i>NE</i>	<i>NE</i>	<i>NE</i>	<i>NE</i>	<i>NE</i>	<i>NE</i>	<i>NE</i>	<i>NE</i>	<i>NE</i>	<i>NE</i>	
SB-8	02/17/16	--	--	--	--	1,700	3	<0.5	4	1 J	1	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-9	02/16/16	--	--	--	--	17,000	1,400	360	430	370	97	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-11	02/18/16	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-2	09/28/00	--	5,400	--	--	--	38	17	470	730	70	<50	<2.0	<2.0	18	--	--	<500	--	11a, 39b	<0.00020	<0.10	<0.10	0.16	<0.010	<0.010	0.050	<0.010	<0.010	<0.020	<0.010	0.037	<0.10	0.043	0.24	0.013	0.54	10.8c,	ND
MW-3	09/28/00	--	24,000	--	--	--	1,500	560	1,500	5,700	1,400	<500	<20	<20	500	--	--	<5,000	--	51a, 200b	<0.00020	<0.10	<0.10	0.34	<0.010	<0.010	<0.010	<0.010	<0.010	<0.020	<0.010	<0.010	<0.10	0.044	0.24	<0.010	0.041	16.0c	ND
MW-7	09/28/00	--	4,100	--	--	--	2,000	1,600	180	670	82	<500	<20	<20	<20	--	--	<5,000	--	17a, 120b	<0.00020	<0.10	<0.10	0.098	<0.010	<0.010	<0.010	<0.010	<0.010	<0.020	0.017	0.018	<0.10	0.051	<0.10	<0.010	0.067	ND	ND

Notes:
 WQO = Water Quality Objective (Regional Water Quality Control Board, San Francisco Bay Region (RWQCB), Screening for Environmental Concerns at Sites with Contaminated Soil and Groundwater, Interim Final 2016)
 Total purgable hydrocarbons (TPH) by DHS LUFT Method
 Total petroleum hydrocarbons as motor oil (TPHmo) analyzed by EPA Method 8015B modified unless otherwise noted.
 Total petroleum hydrocarbons as diesel (TPHd) analyzed by EPA Method 8015B with silica gel cleanup unless otherwise noted.
 Total petroleum hydrocarbons as gasoline (TPHg) analyzed by EPA Method 8015B modified unless otherwise noted.
 Benzene, toluene, ethylbenzene, and xylenes (BTEX); methyl tertiary-butyl ether (MTBE); t-butyl alcohol (TBA); di-isopropyl ether (DIPE); ethyl tertiary-butyl ether (ETBE); t-amyl methyl ether (TAME); 1,2-dichloroethane (1,2-DCA); 1,2-dibromoethane (EDB)
 Volatile Organic Compounds (VOCs) by EPA Method 8260B
 Semivolatile Organic Compounds (SVOCs) by EPA Method 8270C
 Hg = mercury, As = antimony, Ba = barium, Be = beryllium, Cd = Cadmium, Cr = chromium, Co = cobalt, Cu = copper, Pb = lead, Mo = molybdenum, Ni = nickel, Se = selenium, Ag = silver, Tl = thallium, V = vanadium, Zn = zinc by EPA 6000/7000 Series Methods
 Organochlorine Pesticides (Pesticides) analyzed by EPA Method 8081A, concentrations below detection limits unless otherwise noted
 Polychlorinated biphenyls (PCBs) by EPA Method 8082, concentrations below detection limits unless otherwise noted
 fbg = feet below grade.
 <x = Not detected at reporting limit x.
 ND = Not detected at various laboratory method detection limits.
 NE = Not Established

* = Refer to related investigation report for complete analytical results: only detected compound concentrations reported
 a = 2-methylnaphthalene
 b = naphthalene
 c = delta-BHC

Table 4

**Monitoring Well Construction Details
Former Chevron Service Station 93322
7225 Bancroft Avenue
Oakland, California**

Well ID	Date Installed	Well Casing Diameter (inches)	Depth (fbg)	Screen Interval (fbg)	Filter Pack Interval	Seal Interval	Historic High DTW	Historic Low DTW	Top of Casing (msl)	Top of Screen	Length of Screen
MW-1	01/22/98	2	36.5	14.0-34.0	13-34	0.5-13	4.83	21.75	37.40	14	20
MW-2	01/22/98	2	31.5	10.5-30.5	9-30.5	0.5-9	5.57	19.29	35.72	10.5	20
MW-3	01/22/98	2	34.5	13.5-33.5	12-33.5	0.5-12	9.38	20.88	36.53	13.5	20
MW-4	01/22/99	2	31.5	11.0-31.0	10-31.5	0.5-10	9.67	21.59	37.29	11	20
MW-5	01/22/99	2	31.5	11.5-31.5	10-31.5	0.5-10	10.77	21.92	37.40	11.5	20
MW-6	01/22/99	2	32	12.0-32.0	11-32	0.5-11	10.28	21.38	36.90	12	20
MW-7	07/03/00	3/4	25	10.0-25.0	8-25	0-8	8.79	19.99	36.84	10	15
MW-8	03/13/02	2	30	10.0-30.0	8-30	0.5-8	8.68	20.22	37.21	10	20
MW-9	03/15/02	2	30	10.0-30.0	8-30	0.5-8	8.08	19.48	35.03	10	20
MW-10	03/15/02	2	30	10.0-30.0	8-30	0.5-8	9.26	20.18	35.53	10	20
MW-11	06/06/17	2	35	25.0-35.0	23-35	0.5-23	NA	NA	35.27	25	10
MW-12	06/07/17	1	30	20.0-30.0	18-30	0.5-18	11.70	14.83	35.37	20	10

Notes:

fbg = Feet below grade

msl = mean sea level

Table 5

Cumulative Soil Vapor Analytical Data
Former Chevron Service Station 93322
7225 Bancroft Avenue
Oakland, California

Sample ID	Sample Date	Probe Depth Interval (fbg)	TPHg	C5-C6 Aliphatic Hydrocarbons	>C6-C8 Aliphatic Hydrocarbons	>C8-C10 Aliphatic Hydrocarbons	>C10-C12 Aliphatic Hydrocarbons	>C8-C10 Aromatic Hydrocarbons	>C10-C12 Aromatic Hydrocarbons	Benzene	Toluene	Ethylbenzene	m,p-Xylene	o-Xylene	MTBE	TBA	DIPE	ETBE	TAME	1,2 DCA	EDB	Ethanol	Naphthalene EPA Method TO-15	Naphthalene EPA Method TO-17	Concentrations reported in % volume								
																									2-propanol ^A	Isobutane ^A	Helium	Oxygen	Carbon Dioxide	Nitrogen	Methane		
Concentrations reported in micrograms per cubic meter - (µg/m ³)																																	
LTP- Soil Gas-Scenario 4, Oxygen < 4%																																	
	Residential	NE	NE	NE	NE	NE	NE	NE	NE	<85	NE	<1,100	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	<93	<93	NE	NE	NE	<4	NE	NE	NE		
	Commercial	NE	NE	NE	NE	NE	NE	NE	NE	<280	NE	<3,600	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	<310	<310	NE	NE	NE	<4	NE	NE	NE		
LTP- Soil Gas-Scenario 4, Oxygen > 4%																																	
	Residential	NE	NE	NE	NE	NE	NE	NE	NE	<85,000	NE	<1,100,000	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	<93,000	<93,000	NE	NE	NE	NE	NE	NE	NE		
	Commercial	NE	NE	NE	NE	NE	NE	NE	NE	<280,000	NE	<3,600,000	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	<310,000	<310,000	NE	NE	NE	NE	NE	NE	NE		
VP-1	06/13/17	5.0-6.5	3,100	85	1,200	<150	370	<130	<140	4.5	8.6	<5.6	<5.6	<5.6	290	--	--	--	--	--	--	--	<14	<5.0	--	--	<0.13	1.5	14	84	0.28		
VP-1	05/23/08	LAB DUPLICATE	2,900	86	1,100	300	430	<130	<140	<4.1	8.7	<5.6	<5.6	<5.6	300	--	--	--	--	--	--	--	<14	<5.0	--	--	<0.13	1.4	15	83	0.28		
VP-1	02/25/16	5.0-6.5	1,300	99	340	<140	290	<120	<130	11	8.0	<5.3	9.9	<5.3	360	--	--	--	--	--	--	--	<13	<5.0	--	--	<0.12	1.6	12	86	0.36		
VP-1	05/23/08	5.0-6.5	2,700	--	--	--	--	--	--	4.5	<4.6	<5.4	<5.4	<5.4	410	<15	21	27	21	<5.0	<9.5	10	<26	--	--	--	<0.12	1.4	11	--	--		
VP-1	09/29/06	5.0-6.5	1,100	--	--	--	--	--	--	<3.6	6.6	<5.5	5.1	<5.0	660	<14	<19	<19	<19	<4.6	<8.8	<8.6	--	--	--	67	--	12	7.5	--	--		
VP-1	08/11/05	LAB DUPLICATE	--	--	--	--	--	--	--	<3.6	6.7	<5.0	5.4	<5.0	660	<14	<19	<19	<19	<4.6	<8.8	<8.6	--	--	--	52	--	--	--	--	--		
VP-1*	07/18/05	5.0-6.5	33,000	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
VP-1	07/18/05	5.0-6.5	33,000	--	--	--	--	--	--	<39	52	<52	<52	<52	260	--	--	--	--	--	--	--	--	--	--	--	350	--	15	1.0	--	--	
VP-1	04/21/05	5.0-6.5	79,000	--	--	--	--	--	--	<33	49	<45	<45	<45	660	--	--	--	--	--	--	--	--	--	--	170	--	--	9.2	0.9	--	--	
VP-1	06/13/17	7.5-9.0	2,900	680	1,000	<140	170	<120	<130	<3.8	14	<5.1	<5.1	<5.1	230	--	--	--	--	--	--	--	<12	<5.0	--	--	<0.12	9.3	7.4	83	0.086		
VP-1	05/23/08	7.5-9.0	13,000	--	--	--	--	--	--	<7.9	<9.3	<11	<11	<11	660	<30	<41	61	<41	<10	<19	<19	<52	--	--	--	--	1.5	12	--	--		
VP-1 DUP	05/23/08	7.5-9.0	13,000	--	--	--	--	--	--	<7.9	<9.3	<11	<11	<11	660	<30	<41	52	<41	<10	<19	<19	<52	--	--	--	<0.12	1.4	12	--	--		
VP-1	09/29/06	7.5-9.0	12,000	--	--	--	--	--	--	17	5.1	<4.8	<4.8	<4.8	910	<13	<18	83	<18	<4.4	<8.4	<8.3	--	--	--	76	--	2.9	14	--	--		
VP-1 DUP	09/29/06	7.5-9.0	12,000	--	--	--	--	--	--	17	5.3	<4.9	<4.9	<4.9	880	<14	<19	79	<19	<4.5	<8.6	9.6	--	--	--	81	--	2.6	14	--	--		
VP-1 DUP	LAB DUPLICATE	7.5-9.0	11,000	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
VP-1*	08/11/05	7.5-9.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
VP-1	07/18/05	7.5-9.0	40,000	--	--	--	--	--	--	<38	110	<52	72	<52	370	--	--	--	--	--	--	--	--	--	--	--	190	--	8.2	11	--	--	
VP-1	04/21/05	7.5-9.0	11,000	--	--	--	--	--	--	<39	<46	<54	<54	<54	570	--	--	--	--	--	--	--	--	--	--	450	--	--	7.6	8.2	--	--	
VP-1	06/13/17	10.0-11.5	14,000	3,400	7,100	<140	250	<120	<130	<3.7	<4.4	<5.1	<5.1	<5.1	190	--	--	--	--	--	--	--	<12	<5.0	--	--	<0.12	1.6	12	86	0.18		
VP-1	05/23/08	10.0-11.5	34,000	--	--	--	--	--	--	<15	<18	<21	<21	<21	390	<59	<81	<81	<81	<20	<37	<36	<100	--	--	--	<0.12	1.3	12	--	--		
VP-1	09/29/06	10.0-11.5	13,000	--	--	--	--	--	--	23	11	<5.0	<5.0	<5.0	490	<14	<19	47	<19	<4.6	<8.8	<8.6	--	--	--	69	--	1.8	15.0	--	--		
VP-1*	08/11/05	10.0-11.5	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
VP-1	07/18/05	10.0-11.5	94,000	--	--	--	--	--	--	<35	61	<48	<48	<48	70	--	--	--	--	--	--	--	--	--	--	96	--	9.6	7.5	--	--		
VP-1	04/21/05	10.0-11.5	6,300	--	--	--	--	--	--	<39	<46	<54	<54	<54	280	--	--	--	--	--	--	--	--	--	--	850	--	8.1	9.3	--	--		
VP-2	06/13/17	5.0-6.5	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
VP-2	05/23/08	5.0-6.5	570	--	--	--	--	--	--	4.5	18	<5.5	5.6	<5.5	<4.6	<15	<21	<21	<21	<5.1	<9.7	16	--	--	--	--	--	4.2	20	0.34	--	--	
VP-2	09/28/06	5.0-6.5	520	--	--	--	--	--	--	<3.7	<4.4	<5.0	<5.0	<5.0	14	<14	<19	<19	<19	<4.7	<9.0	<8.8	--	--	--	150	--	18	2.1	--	--		
VP-2*	08/11/05	5.0-6.5	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
VP-2	07/18/05	5.0-6.5	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
VP-2	04/22/05	5.0-6.5	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
VP-2	06/13/17	7.5-9.0	<470	<75	<95	<140	<160	<110	<130	<3.7	7.6	<5.0	<5.0	<5.0	<17	--	--	--	--	--	--	--	--	<5.0	--	--	<0.12	15	2.9	82	<0.00023		
VP-2	05/23/08	7.5-9.0	3,400	--	--	--	--	--	--	4.4	11	<5.7	<5.7	<5.7	14	--	<22	<22	<22	<5.3	<10	49	--	--	--	--	0.15	3.6	7.4	--	--		
VP-2	09/28/06	7.5-9.0	500	--	--	--	--	--	--	<3.6	<4.3	5.3	21	7.3	34	<14	<19	<19	<19	<4.6	<8.8	<8.6	--	--	--	67	--	3.6	9.9	--	--		
VP-2*	08/11/05	7.5-9.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
VP-2	07/18/05	7.5-9.0	8,400	--	--	--	--	--	--	<39	<46	<52	<52	<52	<44	--	--	--	--	--	--	--	--	--	--	44	--	6.6	7.8	--	--		
VP-2 DUP	07/18/05	7.5-9.0	8,700	--	--	--	--	--	--	<37	<44	<50	<50	<50	<42	--	--	--	--	--	--	--	--	--	--	82	--	6.5	8.2	--	--		
VP-2	04/22/05	7.5-9.0	49,000	--	--	--	--	--	--	<39	<46	<54	<54	<54	<44	--	--	--	--	--	--	--	--	--	--	110,000 ^B	--	7.8	5.5	--	--		
VP-2 DUP	04/22/05	7.5-9.0	50,000	--	--	--	--	--	--	<36	<42	<49	<49	<49	<40	--	--	--	--	--	--	--	--	--	--	110,000 ^B	--	7	5.9	--	--		
VP-2	06/13/17	10.0-11.5	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
VP-2	05/23/08	10.0-11.5	10,000	--	--	--	--	--	--	7.2	100	21	72	26	10	<15	<21	<21	<21	<5	<9.5	22	--	--	--	--	--</						

Table 5

**Cumulative Soil Vapor Analytical Data
Former Chevron Service Station 93322
7225 Bancroft Avenue
Oakland, California**

Sample ID	Sample Date	Probe Depth Interval (fbg)	TPHg	C5-C6 Aliphatic Hydrocarbons	>C6-C8 Aliphatic Hydrocarbons	>C8-C10 Aliphatic Hydrocarbons	>C10-C12 Aliphatic Hydrocarbons	>C8-C10 Aromatic Hydrocarbons	>C10-C12 Aromatic Hydrocarbons	Benzene	Toluene	Ethylbenzene	m,p-Xylene	o-Xylene	MTBE	TBA	DIPE	ETBE	TAME	1,2-DCA	EDB	Ethanol	Naphthalene EPA Method TO-15	Naphthalene EPA Method TO-17	Concentrations reported in % volume								
																									2-propanol ^A	Isobutane ^A	Helium	Oxygen	Carbon Dioxide	Nitrogen	Methane		
Concentrations reported in micrograms per cubic meter - (µg/m ³)																																	
LTP- Soil Gas-Scenario 4, Oxygen < 4%																																	
	Residential	NE	NE	NE	NE	NE	NE	NE	NE	<85	NE	<1,100	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	<93	<93	NE	NE	NE	<4	NE	NE	NE		
	Commercial	NE	NE	NE	NE	NE	NE	NE	NE	<280	NE	<3,600	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	<310	<310	NE	NE	NE	<4	NE	NE	NE		
LTP- Soil Gas-Scenario 4, Oxygen > 4%																																	
	Residential	NE	NE	NE	NE	NE	NE	NE	NE	<85,000	NE	<1,100,000	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	<93,000	<93,000	NE	NE	NE	NE	NE	NE	NE		
	Commercial	NE	NE	NE	NE	NE	NE	NE	NE	<280,000	NE	<3,600,000	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	<310,000	<310,000	NE	NE	NE	NE	NE	NE	NE		
VP-3	06/13/17	7.5-9.0	<490	<77	<98	<140	<160	<120	<130	<3.8	8.9	<5.2	<5.2	<5.2	<17	--	--	--	--	--	--	--	<12	<5.0	--	--	<0.12	15	3.8	81	<0.00024		
VP-3 DUP	05/23/08	7.5-9.0	1,400	--	--	--	--	--	--	<4.0	490	8.5	16	7.7	<4.6	<15	<21	<21	<21	<5.1	<9.7	<9.5	--	--	--	--	0.3	6.6	6	--	--		
VP-3 DUP	LAB DUPLICATE		--	--	--	--	--	--	--	<4.0	470	8.4	15	8.0	<4.6	<15	<21	<21	<21	<5.1	<9.7	<9.5	<26	--	--	--	0.3	6.6	6	--	--		
VP-3	09/28/06	7.5-9.0	260	--	--	--	--	--	--	<3.9	11	<5.2	<5.2	<4.4	<15	<20	<20	<20	<4.9	<9.3	<9.1	--	--	--	--	ND	--	6.7	10	--	--		
VP-3 DUP	09/28/06	7.5-9.0	540	--	--	--	--	--	--	3.8	18	<4.8	4.7 J	<4.8	<4.0	<13	<18	<18	<18	<4.4	<8.4	13	--	--	--	ND	--	6.7	11	--	--		
VP-3	08/11/05	7.5-9.0	48,000	--	--	--	--	--	--	<36	<42	210	130	<49	<40	--	--	--	--	--	--	--	--	--	--	740	--	--	--	--	--		
VP-3	07/18/05	7.5-9.0	19,000	--	--	--	--	--	--	<65	<76	<88	<88	<88	<73	--	--	--	--	--	--	--	--	--	--	<26,000	--	--	4.7	7.9	--	--	
VP-3	04/22/05	7.5-9.0	2,300,000	--	--	--	--	--	--	<40	<48	<55	<55	<55	<46	--	--	--	--	--	--	--	--	--	--	>1,000,000	--	--	21	0.2	--	--	
VP-3	06/13/17	10.0-11.5	<4800	<760	<970	<1400	<1600	<1200	<1300	<38	<44	<51	<51	<51	<170	--	--	--	--	--	--	--	<120	<5.0	--	--	<0.12	18	1.3	81	<0.00024		
VP-3	05/23/08	10.0-11.5	5,700	--	--	--	--	--	--	<7.3	2500	47	91	40	<8.2	<28	<38	<38	<38	<9.3	<18	<17	<48	--	--	--	0.29	12	3.2	--	--		
VP-3	09/28/06	10.0-11.5	970	--	--	--	--	--	--	5.2	16	<5.4	<5.4	<4.4	<15	<21	<21	<21	<5.0	<9.5	<9.3	--	--	--	--	ND	--	3.7	6.4	--	--		
VP-3	08/11/05	10.0-11.5	19,000	--	--	--	--	--	--	<38	<45	70	60	<52	<43	--	--	--	--	--	--	--	--	--	--	3,900	--	--	--	--	--		
VP-3 DUP	08/11/05	10.0-11.5	18,000	--	--	--	--	--	--	<40	<48	66	<55	<55	<46	--	--	--	--	--	--	--	--	--	--	3,900	--	--	--	--	--		
VP-3	07/18/05	10.0-11.5	10,000	--	--	--	--	--	--	<34	<41	<47	<47	<47	<39	--	--	--	--	--	--	--	--	--	--	<13,000	--	--	4.5	5.2	--	--	
VP-3	LAB DUPLICATE		10,000	--	--	--	--	--	--	<34	<41	<47	<47	<47	<39	--	--	--	--	--	--	--	--	--	--	<13,000	--	--	4.5	5.2	--	--	
VP-3	04/22/05	10.0-11.5	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
VP-4	06/13/17	5.0-6.5	2,100,000	89,000	1,600,000	180,000	<15000	<11000	<12000	<350	<410	<470	<470	<470	<1600	--	--	--	--	--	--	--	<1100	<5.0	--	--	<0.13	2.5	16.0	80	1.4		
VP-4	02/25/16	5.0-6.5	1,500,000	100,000	1,400,000	170,000	<22,000	<16,000	<18,000	<520	<610	<700	<700	<700	<580	--	--	--	--	--	--	--	<1,700	<5.0	--	--	<0.13	1.6	12	82	4.8		
VP-4 DUP	02/25/16	5.0-6.5	1,600,000	100,000	1,400,000	180,000	<22,000	<16,000	<18,000	<520	<610	<700	<700	<700	<580	--	--	--	--	--	--	--	<1,700	<5.0	--	--	<0.13	1.6	12	82	4.8		
VP-4	05/23/08	5.0-6.5	2,100,000	--	--	--	--	--	--	<170	<200	<230	<230	<230	260	<650	<900	<900	<900	<220	<410	<410	<1100	--	--	--	<0.11	1.3	18	--	--		
VP-4	09/29/06	5.0-6.5	1,500,000	--	--	--	--	--	--	<91	<110	<120	<120	<120	210	<350	<480	<480	<480	<120	<220	<220	--	--	--	ND	--	7.8	14	--	--		
VP-4	08/11/05	5.0-6.5	2,300,000	--	--	--	--	--	--	150	<43	60	120	<50	540	--	--	--	--	--	--	--	--	--	--	48	--	--	--	--	--		
VP-4	07/18/05	5.0-6.5	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
VP-4	04/22/05	5.0-6.5	1,800,000	--	--	--	--	--	--	<39	97	<54	97	<54	220	--	--	--	--	--	--	--	--	--	--	>650,000	--	--	13	6.0	--	--	
VP-4	06/13/17	7.5-9.0	240,000	23,000	180,000	14,000	2,900	<1600	<1800	<53	<63	<72	<72	<72	<240	--	--	--	--	--	--	--	<180	<5.0	--	--	0.41	10	5.5	84	0.013		
VP-4	05/23/08	7.5-9.0	2,700,000	--	--	--	--	--	--	<790	<930	<1100	<1100	<1100	<890	<3000	<4100	<4100	<4100	<1000	<1900	<1100	--	--	--	--	<0.12	1.2	15	--	--		
VP-4	09/29/06	7.5-9.0	2,800,000	--	--	--	--	--	--	<180	<210	<240	<240	410	<680	<940	<940	<940	<230	<430	<420	--	--	--	--	ND	--	5.1	16	--	--		
VP-4	08/11/05	7.5-9.0	1,800,000	--	--	--	--	--	--	120	<42	<49	79	<49	700	--	--	--	--	--	--	--	--	--	--	690	--	--	--	--	--	--	
VP-4	07/18/05	7.5-9.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
VP-4	04/22/05	7.5-9.0	1,300,000	--	--	--	--	--	--	<39	99	<54	110	<54	340	--	--	--	--	--	--	--	--	--	--	>420,000	--	--	15	5.5	--	--	
VP-4	06/13/17	10.0-11.5	4,900,000	1,200,000	2,200,000	210,000	<28000	<20000	<22000	<650	<760	<880	<880	<880	<2900	--	--	--	--	--	--	--	<2100	<5.0	--	--	<0.12	6.8	7.9	85	0.62		
VP-4	05/23/08	10.0-11.5	15,000,000	--	--	--	--	--	--	<1500	2,600	<2000	<2000	<2000	<1700	<5600	<7800	<7800	<7800	<1900	<3600	<3500	<9800	--	--	--	<0.12	3.2	11	--	--		
VP-4	09/29/06	10.0-11.5	42,000,000	--	--	--	--	--	--	180,000	440,000	430,000	250,000	<99,000	<82,000	<280,000	<380,000	<380,000	<380,000	<93,000	<180,000	<170,000	--	--	--	--	1,854,135	--	1.9	16	--	--	
VP-4	08/11/05	10.0-11.5	25,000,000	--	--	--	--	--	--	19,000	<1700	48,000	34,000	<1,900	<1,600	--	--	--	--	--	--	--	--	--	--	<1,100	--	--	--	--	--	--	
VP-4	07/18/05	10.0-11.5	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
VP-4	04/22/05	10.0-11.5	280,000	--	--	--	--	--	--	<40	48	<55	<55	<55	<46	--	--	--	--	--	--	--	--	--	--	340,000 ^B	--	--	21	0.2	--	--	
VP-4	LAB DUPLICATE		270,000	--	--	--	--	--	--	41	<48	<55	<55	<55	<46	--	--	--	--	--	--	--	--	--	--	370,000 ^B	--	--	--	--	--	--	--

Notes:
 Total petroleum hydrocarbons as gasoline (TPHg) by Modified EPA Method TO-15 before 3Q06 and by Modified EPA Method TO-3 after 3Q06.
 C5-C6 aliphatic hydrocarbons, >C6-C8 aliphatic hydrocarbons, >C8-C10 aliphatic hydrocarbons, >C10-C12 aliphatic hydrocarbons, >C8-C10 aromatic hydrocarbons, and >C10-C12 aromatic hydrocarbons by Modified EPA Method TO-15 GC/MS Full Scan.
 Benzene, toluene, ethylbenzene and xylenes (B

Appendix A Regulatory Letter

ALAMEDA COUNTY
**HEALTH CARE SERVICES
AGENCY**

REBECCA GEBHART, Interim Director



DEPARTMENT OF ENVIRONMENTAL HEALTH
LOCAL OVERSIGHT PROGRAM (LOP)
For Hazardous Materials Releases
1131 HARBOR BAY PARKWAY, SUITE 250
ALAMEDA, CA 94502
(510) 567-6700
FAX (510) 337-9335

August 16, 2017

Mr. David Patten
Chevron Products Company
6101 Bollinger Canyon Road
San Ramon, CA 94583
(Sent via electronic mail to:
drpatten@chevron.com)

7225 Bancroft St LP
c/o The Najdawi 2009 Trust
5 Kingswood Circle
Hillsborough, CA 94010

Mr. Amardeep Sidhu
Malwa Petroleum Sales, LLC
Address Unknown

Mike and Dean Najdawi
Address Unknown

Subject: Feasibility Study / Corrective Action Plan; Fuel Leak Case No. RO0000274 and Geotracker
Global ID T0600102079, Chevron #9-3322; 7225 Bancroft Avenue, Oakland, CA 94605

Dear Responsible Parties:

Alameda County Department of Environmental Health (ACDEH) staff has reviewed the case file including the *Site Investigation Report and Updated Site Conceptual Model*, dated July 14 2017. The report was prepared and submitted on your behalf by GHD Services, Inc (GHD). Thank you for submitting the report.

The report documented the installation of groundwater monitoring wells MW-11 and MW-12, soil sample analytical results, the collection of soil vapor samples (except in the shallow VP-2 vapor well due to the presence of water vapor), and groundwater monitoring and sampling conducted in March 2017 prior to the installation of wells MW-11 and MW-12.

Based on the recently submitted report, ACDEH has evaluated the data and recommendations presented in the above-mentioned reports, in conjunction with the case files, to determine if the site is eligible for closure as a low risk site under the State Water Resources Control Board's (SWRCBs) Low Threat Underground Storage Tank Case Closure Policy (LTCP). Based on ACDEH staff review, we have determined that the site fails to meet the LTCP General Criteria f (Secondary Source Removal) and the Media-Specific Criteria for Groundwater, the Media-Specific Criteria for Vapor Intrusion to Indoor Air, and the Media-Specific Criteria for Direct Contact (see GeoTracker for an updated version and below for details).

Based on the review of the case file ACDEH requests that you address the following technical comments and send us the documents requested below.

TECHNICAL COMMENTS

- 1. General Criteria f – Secondary Source Has Been Removed to the Extent Practicable** – “Secondary source” is defined as petroleum-impacted soil or groundwater located at or immediately beneath the point of release from the primary source. Unless site attributes prevent secondary source removal (e.g. physical or infrastructural constraints exist whose removal or relocation would be technically or economically infeasible), petroleum-release sites are required to undergo secondary source removal to the extent practicable as described in the policy. “To the extent practicable” means implementing a cost-effective corrective action which removes or destroys-in-place the most readily recoverable fraction of source-area mass. It is expected that most secondary mass removal efforts will be completed in one year or less. Following removal or destruction of the secondary source, additional

removal or active remedial actions shall not be required by regulatory agencies unless (1) necessary to abate a demonstrated threat to human health or (2) the groundwater plume does not meet the definition of low threat as described in this policy.

Based on available data from the site, substantial secondary source / residual soil contamination appears to be present beneath the central dispenser area (defined by soil samples P6, P7, P8, and deeper soil samples from soil bore SB-13). This soil contamination continues to supply concentrations equivalent to Light Non Aqueous Phased Liquids (LNAPL) to groundwater in monitoring well MW-1; however, LNAPL does not appear to be present likely due to the introduction of surfactant to the well in the past.

Please present a strategy in Technical Comment 5 described below to address this.

- 2. LTCP Media Specific Criteria for Groundwater** – To satisfy the media-specific criteria for groundwater, the contaminant plume that exceeds water quality objectives must be stable or decreasing in areal extent, and meet all of the additional characteristics of one of the five classes of sites listed in the policy.

At the present time, our review of the case files indicates that insufficient data collection and analysis has been presented to support the requisite characteristics of plume stability or plume classification. Included in this analysis is the current lack of repeat sampling of recently installed wells MW-11 and MW-12. Please also see Technical Comment 7 below.

- 3. LTCP Media Specific Criteria for Vapor Intrusion to Indoor Air** – The LTCP describes conditions, including bioattenuation zones, which if met will assure that exposure to petroleum vapors in indoor air will not pose unacceptable health risks to human occupants of existing or future site buildings, and adjacent parcels. Appendices 1 through 4 of the LTCP criteria illustrate four potential exposure scenarios and describe characteristics and criteria associated with each scenario.

Our review of the case files indicates that the site data collection and analysis fail to support the requisite characteristics of one of the four scenarios. Specifically, vapor sampling at VP-2, in the 5.0 – 6.5 foot depth interval, has been consistently problematic. Multiple recent attempts to collect soil vapor from this depth interval has yielded no additional soil vapor samples due to soil moisture. Additionally the last successful vapor sampling event in May 2008 detected 4.2 percent (%) helium, which while below the 5.0% value observed by Department of Toxic Substances Control (DTSC) guidance, is a substantial leak rate. Because subsequent sampling events have not been successful at collecting repeat, or temporal / seasonal data per DTSC guidance from a depth LTCP guidance states is appropriate, and due to the presence of a residential home immediate downgradient of the vapor well, it appears appropriate to collect additional data from the vapor well. At that time, and in conformance with DTSC guidance, please ensure that the shroud helium concentration is documented in order to determine any potential leak rate. Under the LTCP, the collection of deeper soil vapor samples, or for aliphatic or aromatic ranges of hydrocarbons, may not be necessary.

Please incorporate this data gap into any proposed work associated with feasibility studies for Technical Comment 5 below.

- 4. LTCP Media Specific Criteria for Direct Contact and Outdoor Air Criteria** – The LTCP describes conditions where direct contact with contaminated soil or inhalation of contaminants volatilized to outdoor air poses a low threat to human health. According to the policy, release sites where human exposure may occur satisfy the media-specific criteria for direct contact and outdoor air exposure and shall be considered low-threat if the maximum concentrations of petroleum constituents in soil are less than or equal to those listed in Table 1 for the specified depth bgs. Alternatively, the policy allows for a site specific risk assessment that demonstrates that maximum concentrations of petroleum constituents in soil will have no significant risk of adversely affecting human health, or controlling exposure through the use of mitigation measures, or institutional or engineering controls.

Our review of the case files indicates that insufficient data collection and analysis has been presented to satisfy the media-specific criteria for direct contact and outdoor air exposure. Specifically, naphthalene concentrations in the shallow source area beneath the canopy discussed above have not been collected.

Please incorporate this data gap into any proposed work associated with feasibility studies for Technical Comment 5 below.

- 5. Feasibility Study and Corrective Action Plan** – At this time, a Feasibility Study/Corrective Action Plan (FS/CAP) prepared in accordance with Title 23, California Code of Regulations, Section 2725 appears warranted. This request is overdue and late. The FS/CAP must include a concise background of soil and groundwater investigations performed in connection with this case and an assessment of the residual impacts of the chemicals of concern (COCs) for the site and the surrounding area where the unauthorized release has migrated or may migrate. The FS/CAP should also include, but is not limited to, a detailed description of site lithology, including soil permeability, and most importantly, contamination cleanup levels and cleanup goals, in accordance with the San Francisco Regional Water Quality Control Board (SFRWQCB) Basin Plan and appropriate Environmental Screening Level (ESL) guidance or the Low-Threat Closure Policy (LTCP) requirements for all COCs. Please specify appropriate cleanup levels and cleanup goals in accordance with 23 CCR Section 2725, 2726, and 2727 in the FS/CAP.

The FS/CAP must evaluate at least three viable alternatives for remedying or mitigating the actual or potential adverse effects of the unauthorized release(s) besides the 'no action' and 'monitored natural attenuation' remedial alternatives. Each alternative shall be evaluated not only for cost-effectiveness but also its timeframe to reach cleanup levels and cleanup goals, and ultimately the Responsible Party must propose the most cost-effective corrective action.

- 6. Public Participation** - Public participation is a requirement for the Corrective Action Plan process in order to notify potentially affected stakeholders who live or own property in the surrounding area of the proposed remediation. We request that you submit a Draft Fact Sheet for ACDEH review. Upon ACDEH approval of a Draft Fact Sheet, we will request that you send the Fact Sheet to an address list provided by ACDEH. Public comments on the proposed remediation will be accepted for a 30-day period. Following the end of the public comment period, any comments received including ACDEH's comments described below, must be addressed and incorporated into a Final CAP.
- 7. Groundwater Monitoring** – In an effort to collect data quickly, please place wells MW-11 and MW-12 on a quarterly groundwater monitoring and sampling basis. Please collect depth to water measurements at all wells in order to generate a groundwater gradient map. Please submit reports by the dates identified below.

TECHNICAL REPORT REQUEST

Please upload technical reports to the ACDEH ftp site (Attention: Mark Detterman), and to the State Water Resources Control Board's Geotracker website, in accordance with the specified file naming convention below, according to the following schedule:

- **October 6, 2017** – Feasibility Study / Corrective Action Plan
File to be named: RO274_FEASSTUD_CAP_R_yyyy-mm-dd
- **November 3, 2017** – Third Quarter 2017 Groundwater Monitoring Report
File to be named: RO274_GWM_R_yyyy-mm-dd
- **February 9, 2018** – Fourth Quarter 2017 Groundwater Monitoring Report
File to be named: RO274_GWM_R_yyyy-mm-dd

Responsible Parties
RO0000274
August 16, 2017, Page 4

These reports are being requested pursuant to California Health and Safety Code Section 25296.10. 23 CCR Sections 2652 through 2654, and 2721 through 2728 outline the responsibilities of a responsible party in response to an unauthorized release from a petroleum UST system, and require your compliance with this request.

Online case files are available for review at the following website: <http://www.acgov.org/aceh/index.htm>.

If your email address is not listed on the first page of this letter, ACDEH is requesting your email address to help expedite communications and to help lower overall costs. Please provide that information in your next submittal.

If you have any questions, please call me at (510) 567-6876 or send me an electronic mail message at mark.detterman@acgov.org.

Sincerely,



Mark E. Detterman, P.G., C.E.G.
Senior Hazardous Materials Specialist

Enclosures: Attachment 1 – Responsible Party (ies) Legal Requirements / Obligations
Electronic Report Upload (ftp) Instructions

cc: Kiersten Hoey, GHD Services, Inc, 5900 Hollis Street, Suite A, Emeryville, CA 94608; (Sent via electronic mail to: kiersten.hoey@ghd.com)

Greg Barclay, GHD Services, Inc, 5900 Hollis Street, Suite A, Emeryville, CA 94608; (Sent via electronic mail to: greg.barclay@ghd.com)

Dilan Roe, ACDEH, (Sent via electronic mail to: dilan.roe@acgov.org)

Paresh Khatri, ACDEH, (Sent via electronic mail to: paresh.khatri@acgov.org)

Mark Detterman, ACDEH, (Sent via electronic mail to: mark.detterman@acgov.org)

Electronic file, GeoTracker

Attachment 1

Responsible Party(ies) Legal Requirements / Obligations

REPORT REQUESTS

These reports are being requested pursuant to California Health and Safety Code Section 25296.10. 23 CCR Sections 2652 through 2654, and 2721 through 2728 outline the responsibilities of a responsible party in response to an unauthorized release from a petroleum UST system, and require your compliance with this request.

ELECTRONIC SUBMITTAL OF REPORTS

Alameda County Department of Environmental Health's (ACDEH) Environmental Cleanup Oversight Programs, Local Oversight Program (LOP) and Site Cleanup Program (SCP) require submission of reports in electronic form. The electronic copy replaces paper copies and is expected to be used for all public information requests, regulatory review, and compliance/enforcement activities. Instructions for submission of electronic documents to the Alameda County Environmental Cleanup Oversight Program File Transfer Protocol (FTP) site are provided on the attached "Electronic Report Upload Instructions." Submission of reports to the Alameda County FTP site is an addition to existing requirements for electronic submittal of information to the State Water Resources Control Board (SWRCB) GeoTracker website. In September 2004, the SWRCB adopted regulations that require electronic submittal of information for all groundwater cleanup programs. For several years, responsible parties for cleanup of leaks from underground storage tanks (USTs) have been required to submit groundwater analytical data, surveyed locations of monitoring wells, and other data to the GeoTracker database over the Internet. Beginning July 1, 2005, these same reporting requirements were added to SCP sites. Beginning July 1, 2005, electronic submittal of a complete copy of all reports for all sites is required in GeoTracker (in PDF format). Please visit the SWRCB website (http://www.waterboards.ca.gov/water_issues/programs/ust/electronic_submittal/) for more information on these requirements.

ACKNOWLEDGEMENT STATEMENT

All work plans, technical reports, or technical documents submitted to ACDEH must be accompanied by a cover letter from the responsible party that states, at a minimum, the following: "I have read and acknowledge the content, recommendations and/or conclusions contained in the attached document or report submitted on my behalf to ACDEH's FTP server and the SWRCB's GeoTracker website." This letter must be signed by an officer or legally authorized representative of your company. Please include a cover letter satisfying these requirements with all future reports and technical documents submitted for this fuel leak case.

PROFESSIONAL CERTIFICATION & CONCLUSIONS/RECOMMENDATIONS

The California Business and Professions Code (Sections 6731, 6735, and 7835) requires that work plans and technical or implementation reports containing geologic or engineering evaluations and/or judgments be performed under the direction of an appropriately licensed or certified professional. For your submittal to be considered a valid technical report, you are to present site-specific data, data interpretations, and recommendations prepared by an appropriately licensed professional and include the professional registration stamp, signature, and statement of professional certification. Please ensure all that all technical reports submitted for this case meet this requirement. Additional information is available on the Board of Professional Engineers, Land Surveyors, and Geologists website at: <http://www.bpelsq.ca.gov/laws/index.shtml>.

UNDERGROUND STORAGE TANK CLEANUP FUND

Please note that delays in investigation, late reports, or enforcement actions may result in your becoming ineligible to receive grant money from the state's Underground Storage Tank Cleanup Fund (Senate Bill 2004) to reimburse you for the cost of cleanup.

AGENCY OVERSIGHT

If it appears as though significant delays are occurring or reports are not submitted as requested, we will consider referring your case to the Regional Board or other appropriate agency, including the County District Attorney, for possible enforcement actions. California Health and Safety Code, Section 25299.76 authorizes enforcement including administrative action or monetary penalties of up to \$10,000 per day for each day of violation.

Alameda County Environmental Cleanup Oversight Programs (LOP and SCP)	REVISION DATE: December 1, 2016
	ISSUE DATE: July 5, 2005
	PREVIOUS REVISIONS: October 31, 2005; December 16, 2005; March 27, 2009; July 8, 2010, July 25, 2010; May 15, 2014, November 29, 2016
SECTION: Miscellaneous Administrative Topics & Procedures	SUBJECT: Electronic Report Upload (ftp) Instructions


The Alameda County Environmental Cleanup Oversight Programs (LOP and SCP) require submission of all reports in electronic form to the county's ftp site. Paper copies of reports will no longer be accepted. The electronic copy replaces the paper copy and will be used for all public information requests, regulatory review, and compliance/enforcement activities.

REQUIREMENTS

- Please **do not** submit reports as attachments to electronic mail.
- Entire report including cover letter must be submitted to the ftp site as a **single portable document format (PDF) with no password protection**.
- It is **preferable** that reports be converted to PDF format from their original format, (e.g., Microsoft Word) rather than scanned.
- **Signature pages and perjury statements must be included and have either original or electronic signature.**
- **Do not password protect the document.** Once indexed and inserted into the correct electronic case file, the document will be secured in compliance with the County's current security standards and a password. **Documents with password protection will not be accepted.**
- Each page in the PDF document should be rotated in the direction that will make it easiest to read on a computer monitor.
- Reports must be named and saved using the following naming convention:

RO#_Report Name_Year-Month-Date (e.g., RO#5555_WorkPlan_2005-06-14)

Submission Instructions

- 1) Obtain User Name and Password
 - a) Contact the Alameda County Environmental Health Department to obtain a User Name and Password to upload files to the ftp site.
 - i) Send an e-mail to deh.loptoxic@acgov.org.
 - b) In the subject line of your request, be sure to include "**ftp PASSWORD REQUEST**" and in the body of your request, include the **Contact Information, Site Addresses, and the Case Numbers (RO# available in Geotracker) you will be posting for.**
- 2) Upload Files to the ftp Site
 - a) Open File Explorer using the Windows  key + E keyboard shortcut.
 - i) Note: Netscape, Safari, and Firefox browsers will not open the FTP site as they are NOT being supported at this time.
 - b) On the address bar, type in ftp://alcoftp1.acgov.org.
 - c) Enter your User Name and Password. (Note: Both are Case Sensitive)
 - d) Click Log On.
 - e) Open "My Computer" on your computer and navigate to the file(s) you wish to upload to the ftp site.
 - f) With both "My Computer" and the ftp site open in separate windows, drag and drop the file(s) from "My Computer" to the ftp window.
- 3) Send E-mail Notifications to the Environmental Cleanup Oversight Programs
 - a) Send email to deh.loptoxic@acgov.org notify us that you have placed a report on our ftp site.
 - b) Copy your Caseworker on the e-mail. Your Caseworker's e-mail address is the entire first name then a period and entire last name @acgov.org. (e.g., firstname.lastname@acgov.org)
 - c) The subject line of the e-mail must start with the RO# followed by **Report Upload**. (e.g., Subject: RO1234 Report Upload) If site is a new case without an RO#, use the street address instead.
 - d) If your document meets the above requirements and you follow the submission instructions, you will receive a notification by email indicating that your document was successfully uploaded to the ftp site.

Appendix B

Summary of Environmental Investigations and Remediation

Appendix B Summary of Environmental Investigations and Remediation

1981 UST Removal and Replacement

Chevron records indicate the current underground storage tanks (USTs) were installed in 1981. These tanks represent at least the second generation of USTs at the site. In 1981, no regulations requiring soil or groundwater sampling existed to document conditions associated with the fuel system. As a result, no records of 1981 soil or groundwater conditions are available.

August 1996 Product Line Removal and Replacement

Gettler Ryan Inc. (G-R) of Dublin, California removed and replaced product piping at the site. Touchstone Developments (Touchstone) of Santa Rosa, California collected compliance soil samples between two and four feet below grade (fbg) beneath the product lines and dispenser islands. Records indicate that approximately 300 cubic yards of soil and pea gravel were excavated during product line removal activities. Additional information is available in Touchstone's May 28, 1997 *Product Piping Removal Soil Sampling Report*.

January 1998 Well Installation

G-R observed Bay Area Exploration Services, Inc. (BAES) install three 2 inch diameter monitoring wells, MW 1 through MW 3. All three monitoring wells were installed surrounding the former and current dispenser islands. Additional information is available in G R's March 13, 1998 *Well Installation Report*.

July 1998 Well Survey

G-R conducted a search of California Department of Water Resources records to identify domestic and municipal supply wells within a 0.5 mile radius of the site. Seven wells were located within the search area, but none were identified as domestic or municipal wells. Additional information is available in G R's July 21, 1998 *Well Search*.

January 1999 Well Installation

G-R installed three 2 inch diameter monitoring wells, MW-4 through MW-6, to further define the extent of hydrocarbons in soil and groundwater beneath the site. Additional information is available in G R's April 9, 1999 *Monitoring Well Installation Report*.

July 2000 Baseline Investigation

Cambria Environmental Technology, Inc. (Cambria) observed Vironex Inc. of San Leandro, California advance soil borings B-1 and B-2 and install monitoring well MW-7. The purpose of the investigation was to provide information of environmental conditions beneath the site at the time of property transfer. Additional information is available in Cambria's August 31, 2000 *Subsurface Investigation Report*.

September 2000 Additional Baseline Investigation

Cambria observed V&W Drilling of Rio Vista, California advance borings SB 4 through SB 6. The purpose of this investigation was to provide additional environmental data to satisfy real estate and lending requirements of the station operator for purchase of site facilities. Additional information is available in Cambria's November 22, 2000 *Additional Baseline Investigation Report*.

March 2002 Well Installation

G-R installed monitoring wells MW-8, MW-9 and MW-10 to delineate light non aqueous phase liquids (LNAPL) in the vicinity of well MW-1 (MW-8) and further evaluate the dissolved-phase hydrocarbon plume (MW-9 and MW-10). G R concluded that the dissolved-hydrocarbon plume is defined downgradient and additional assessment of soil conditions in the vicinity of the newly installed wells was not warranted. Additional information is available in G R's June 26, 2002 *Monitoring Well Installation Report*.

March 2005 Vapor Probe installation

Cambria installed four vapor probes VP-1 through VP-4 to construct a horizontal and vertical profile of vapor concentrations along the downgradient boundary and in the area of recurring LNAPL. Vapor probes were sampled a total of five times between April 2005 and May 2008. More information is available in Cambria's July 11, 2005 *Vapor Probe Installation Report*.

September 2007 Surfactant Application

A surfactant enhanced LNAPL extraction event was conducted to remove LNAPL from well MW 1. A total of 346 gallons of a 5 percent surfactant solution was gravity fed into MW 1, and only 7 gallons were injected in MW-7 due to the small diameter of the well. Following application, the surfactant solution was allowed to equilibrate in the source area smear zone for a period of 24 hours to envelop and micro-emulsify the LNAPL. Afterward, approximately 1,220 gallons of groundwater, surfactant, and LNAPL were extracted. More information is available in Conestoga-Rovers & Associates (CRA)'s January 30, 2009 *Site Conceptual Model*.

February 2016 Soil Boring and Vapor Assessment

GHD advanced seven soil borings (SB-7 through SB-13) and collected soil and grab-groundwater samples for laboratory analysis. Soil vapor samples were collected for laboratory analysis from existing vapor probes VP-1, VP-3 and VP-4. The highest total petroleum hydrocarbon concentrations detected in soil are between 15 and 30 fbg. The maximum concentrations were 4,400 mg/kg TPHg and 16 mg/kg benzene at 29.5 fbg in SB-13. The maximum dissolved hydrocarbons detected in grab-groundwater samples were in SB-9, located near the former USTs, at concentrations of 17,000 µg/L TPHg and 1,400 µg/L benzene, suggesting the former USTs may be a source of dissolved hydrocarbons in addition to the former dispensers/product lines. Soil vapor concentrations reported in two of the onsite vapor probes near the northern property line do not exceed the Scenario 4 LTCP criteria for residential and commercial land use, suggesting there appears to be no potential risk to the adjacent residences. More information is available in GHD's May 6, 2016 *Site Investigation Report and Updated Site Conceptual Model*.

2016 Absorbent Sock (MW-1)

Dissolved concentrations in MW-1 may be indicative of residual LNAPL; therefore, as an interim remedial measure, a hydrocarbon absorbent sock was installed in well MW-1 in December 2016. It has been removed and replaced quarterly during the scheduled monitoring and sampling events. The sock observations and replacement activities are reported with the quarterly groundwater monitoring and sampling reports.

June 2017 Monitoring Well Installation

GHD observed the installation of wells MW-11 and MW-12. To further delineate the downgradient extent of the dissolved hydrocarbon plume to the northwest, well MW-11 was installed offsite on Halliday Avenue. Onsite well MW-12 was installed in the vicinity of boring SB-9 to monitor dissolved hydrocarbons in the southern corner of the site near the existing USTs. More information is available in GHD's July 14, 2017 *Site Investigation Report and Updated Site Conceptual Model*.

Appendix C

Groundwater Hydrographs

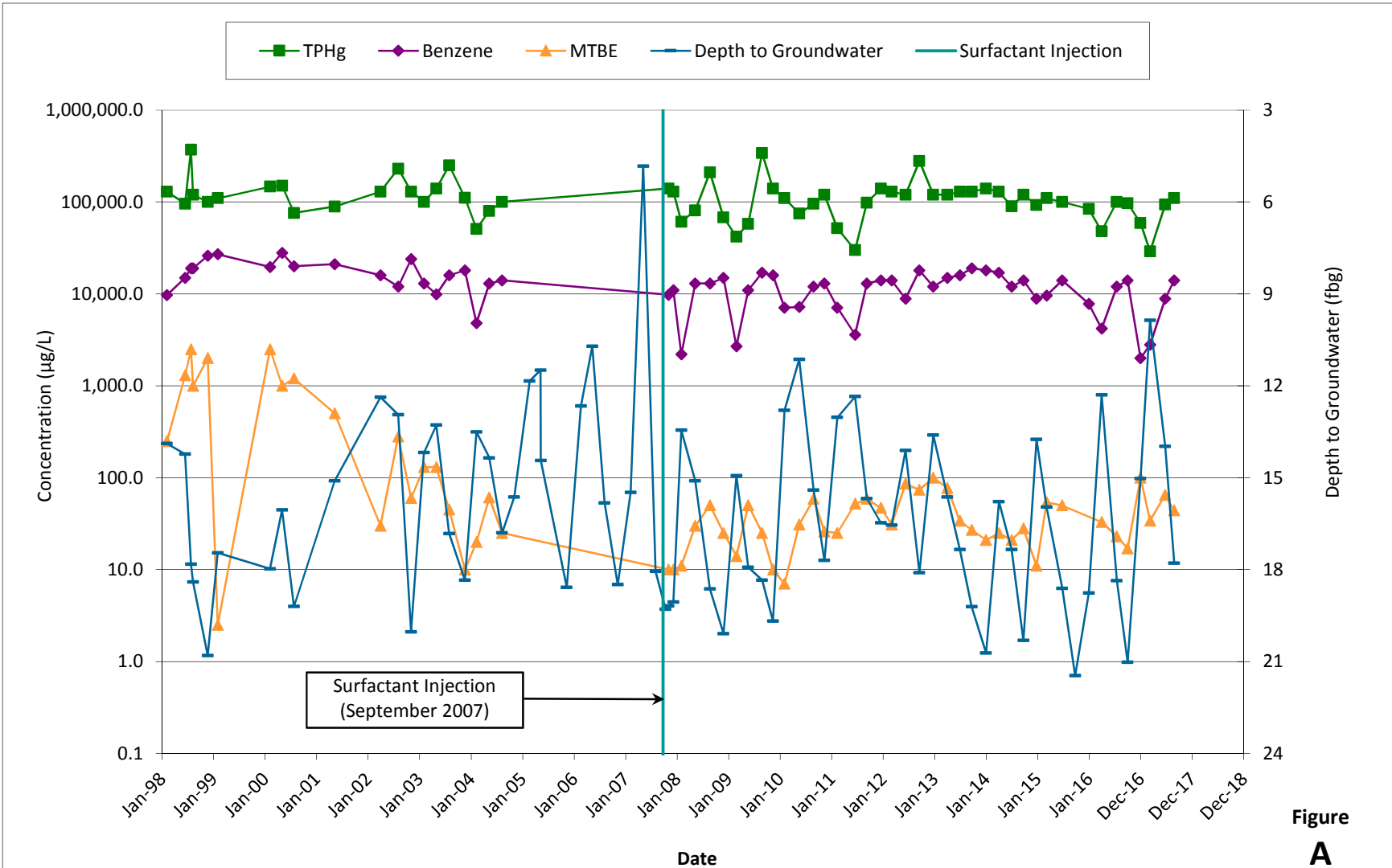


Figure A

**FORMER CHEVRON STATION 93322
7225 BANCROFT AVENUE
OAKLAND, CALIFORNIA**

**MW-1: TPHg, BENZENE, AND MTBE
CONCENTRATIONS AND DEPTH TO
GROUNDWATER**

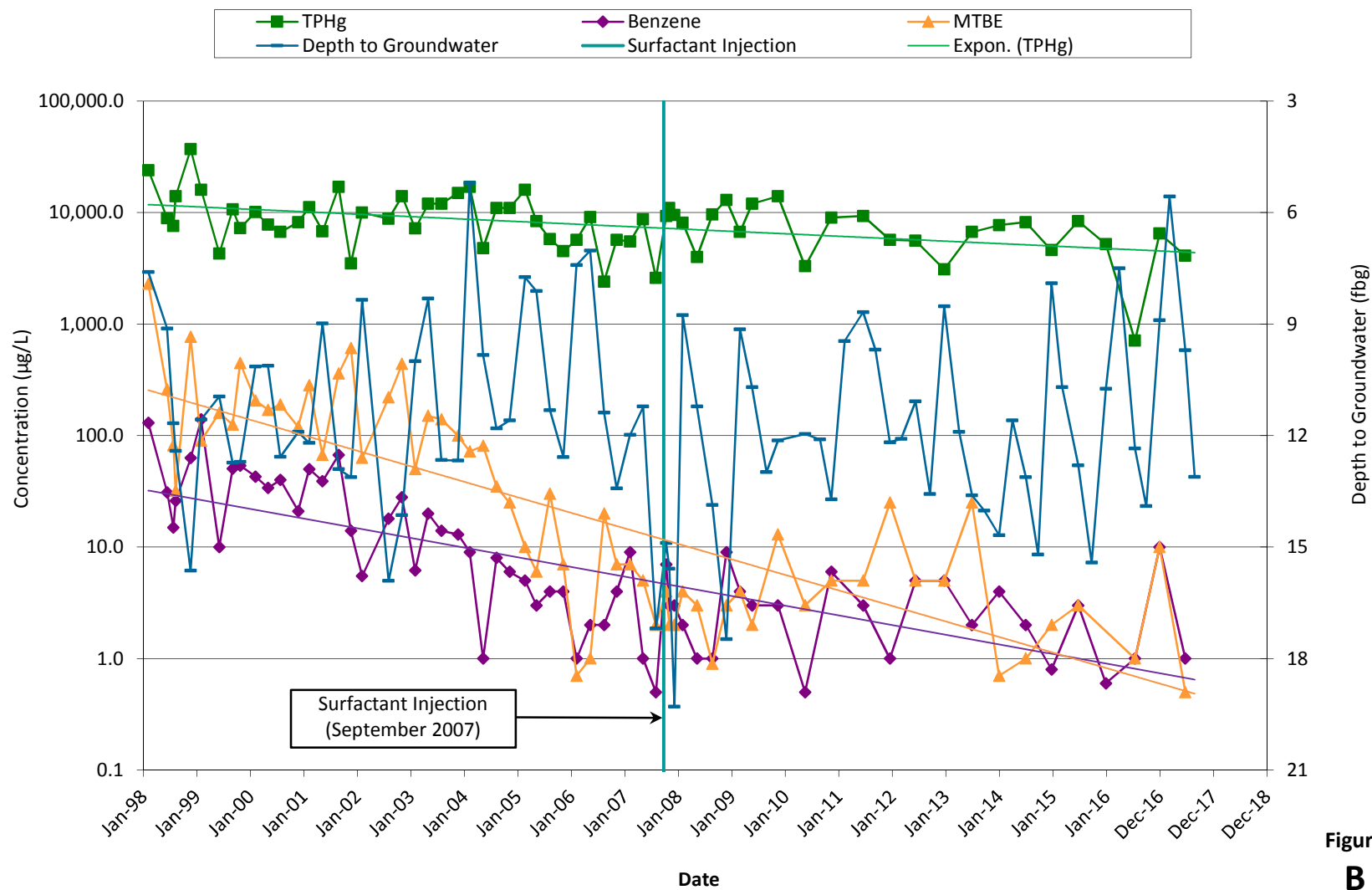


Figure B

FORMER CHEVRON STATION 93322
7225 BANCROFT AVENUE
OAKLAND, CALIFORNIA

MW-2: TPHg, BENZENE, AND MTBE
CONCENTRATIONS AND DEPTH TO
GROUNDWATER

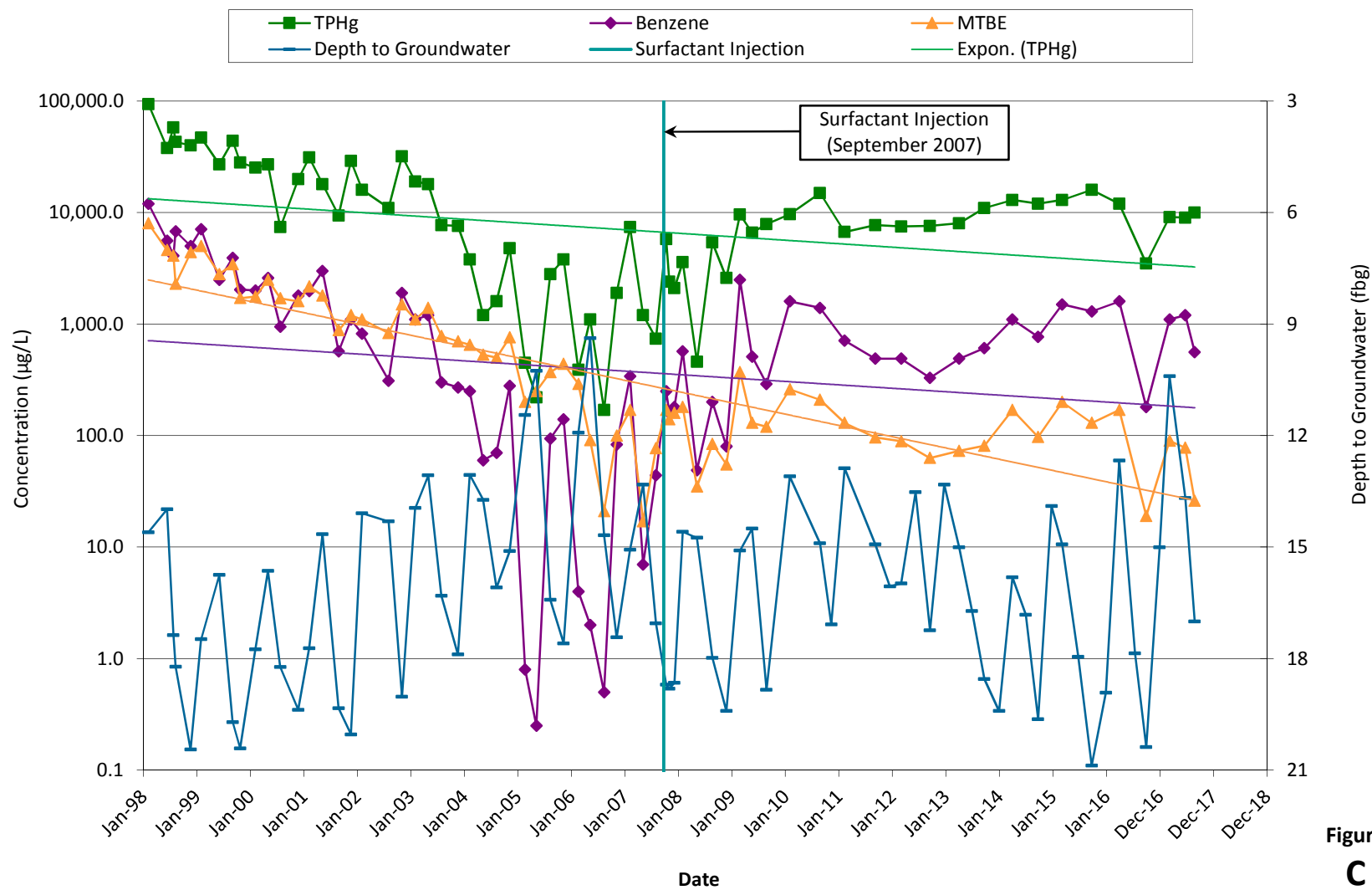


Figure C

**FORMER CHEVRON STATION 93322
7225 BANCROFT AVENUE
OAKLAND, CALIFORNIA**

**MW-3: TPHg, BENZENE, AND MTBE
CONCENTRATIONS AND DEPTH TO
GROUNDWATER**

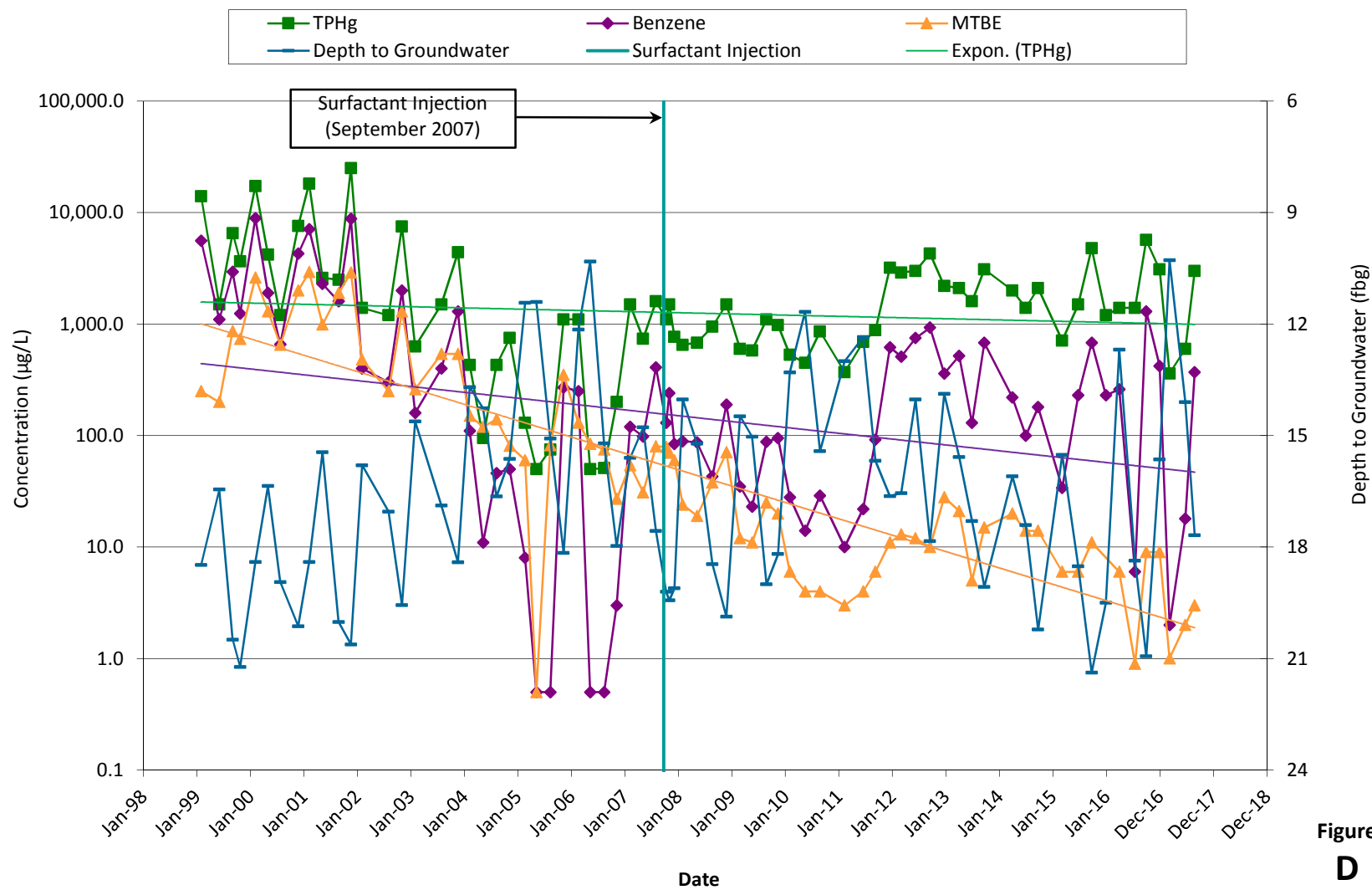


Figure D

**FORMER CHEVRON STATION 93322
7225 BANCROFT AVENUE
OAKLAND, CALIFORNIA**

**MW-6: TPHg, BENZENE, AND MTBE
CONCENTRATIONS AND DEPTH TO
GROUNDWATER**

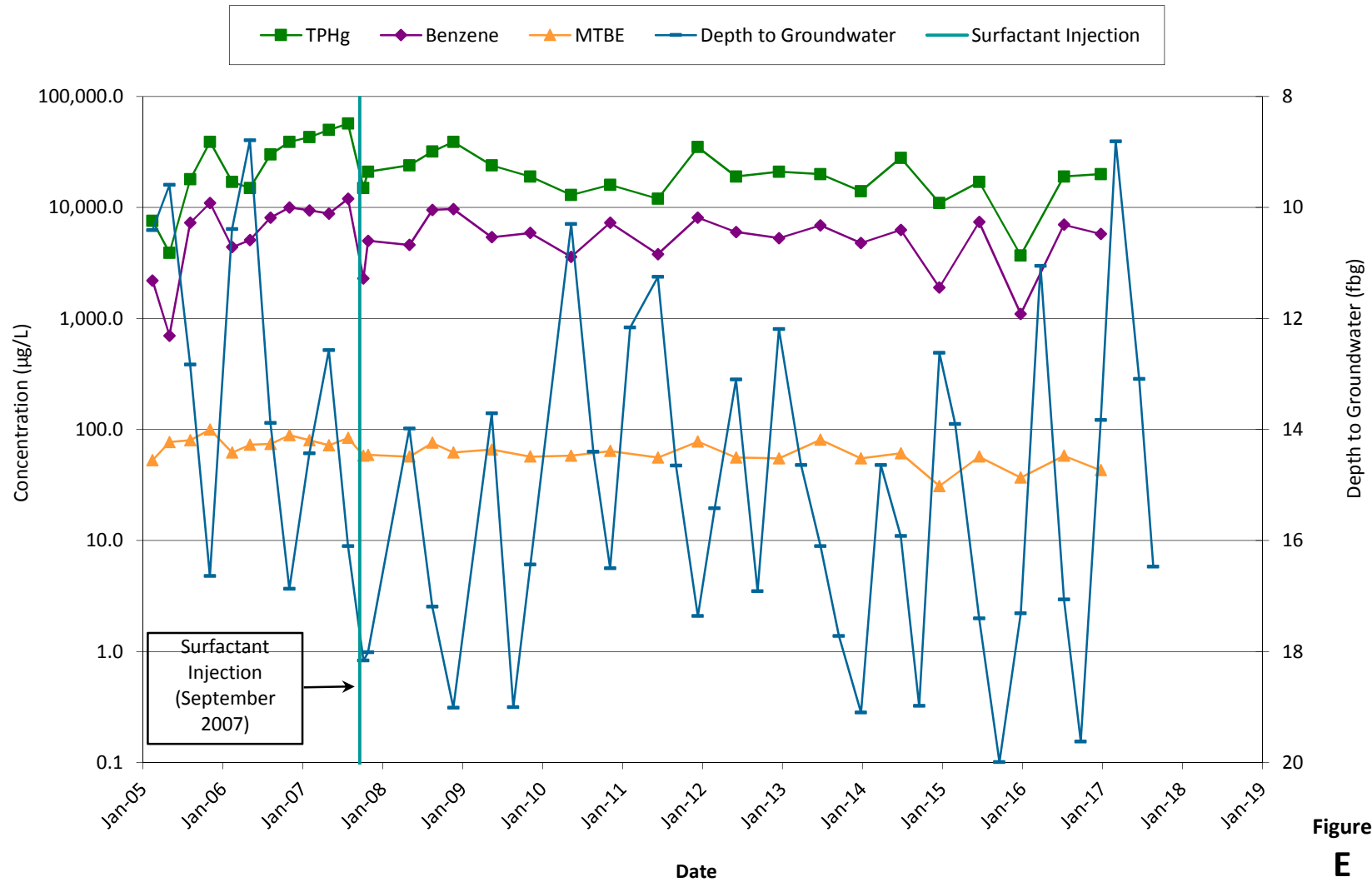


Figure E

**FORMER CHEVRON STATION 93322
7225 BANCROFT AVENUE
OAKLAND, CALIFORNIA**

**MW-7: TPHg, BENZENE, AND MTBE
CONCENTRATIONS AND DEPTH TO
GROUNDWATER**

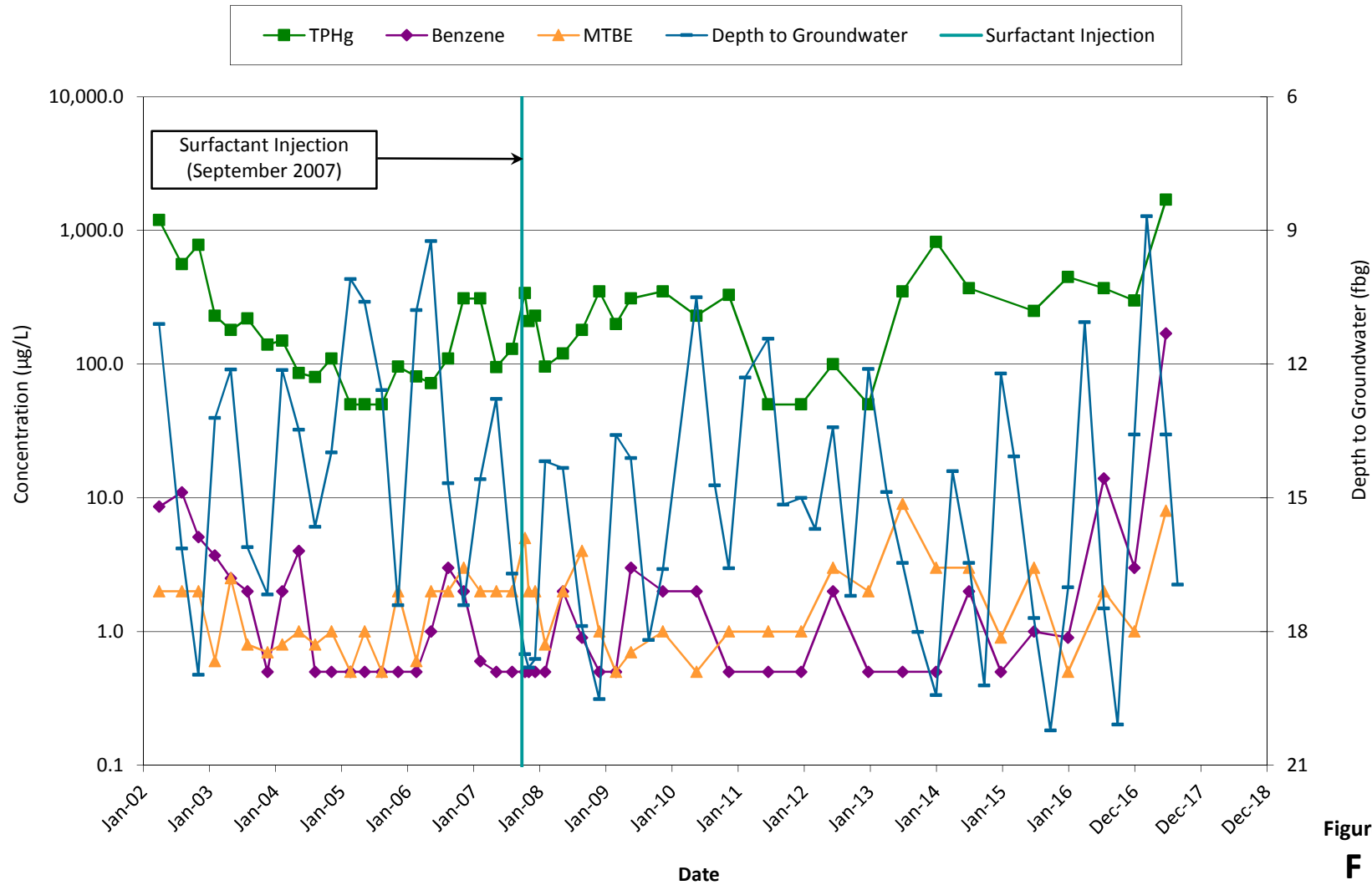


Figure F

**FORMER CHEVRON STATION 93322
7225 BANCROFT AVENUE
OAKLAND, CALIFORNIA**

**MW-8: TPHg, BENZENE, AND MTBE
CONCENTRATIONS AND DEPTH TO
GROUNDWATER**

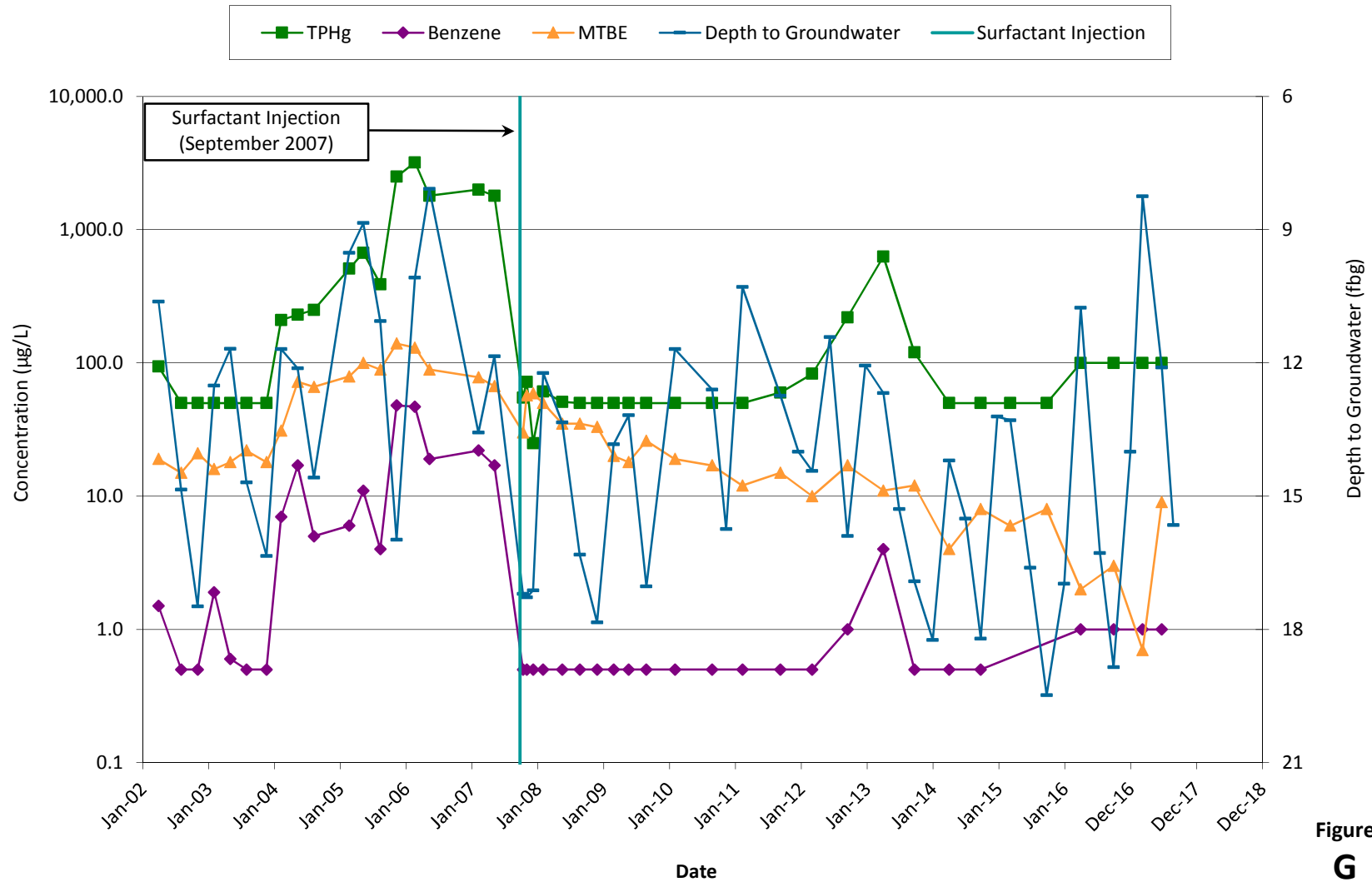


Figure G

**FORMER CHEVRON STATION 93322
7225 BANCROFT AVENUE
OAKLAND, CALIFORNIA**

**MW-9: TPHg, BENZENE, AND MTBE
CONCENTRATIONS AND DEPTH TO
GROUNDWATER**