LIMITED PHASE II INVESTIGATION

August 30, 2017

229 - 255 INTERNATIONAL BLVD.

Oakland, CA 94606

Prepared for:

Raymond Zhang Inc.

229 International Blvd.

Oakland, CA 94606

Prepared by:

Phase-1 Environmental Services
5216 Harwood Rd
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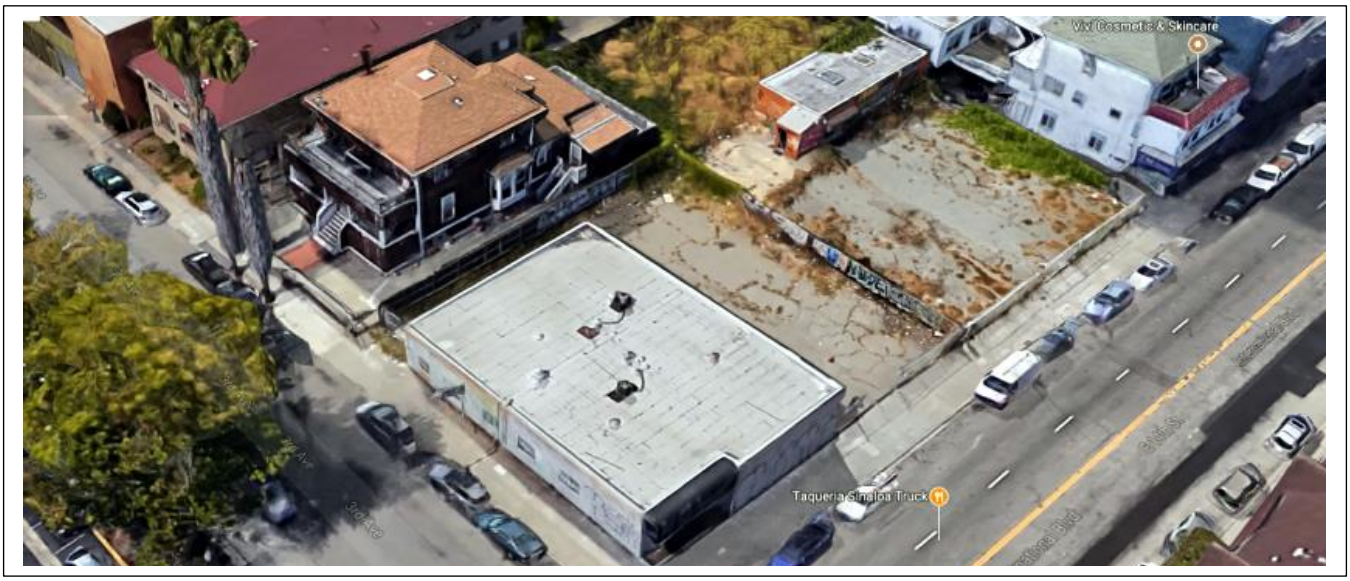
Environmental Services
5216 Harwood Road, San Jose, CA 95124

August 30, 2017

Raymond Zhang, Inc.
2295 International Blvd.
Oakland, CA 94606
Contact: Harry Zhang (Ph: 415-671-9932)

Subject: **Limited Phase II Site Investigation**
229-255 International Blvd.
Oakland, California 94606
P-1 ES Project #: P5-07-28-17



Introduction

Phase-1 Environmental Services (Phase-1 ES) has performed a Limited Phase II Site Investigation for the Subject Property. The work scope was based on findings and recommendations made in a Phase I ESA performed on the Property by Phase-1 ES in May 2017. Specifically; 1) Maps and records indicate that an Oil and Gas Service Station existed on the Property at 255 International Blvd. (then E. 14th St.) from 1926 to 1957; 2) two printing companies occupied 237 E. 14th St. from 1937 through 1952, and; 3) an Auto Service Repair Garage occupied 229-245 E. 14th St. from 1951 to at least as late as 1952. Each of these occupancies were at times during which petroleum and printing chemical use and storage were not regulated by government. In addition, during the Phase I site inspection, the parking areas of the Property were filled with mostly wrecked or abandoned vehicles, and the surface areas beneath them was not able to be inspected. It was recommended that the vehicles and debris on the Property be cleared, and the building and site be fully accessible. The Phase I recommended that a subsurface investigation be performed in the areas of the previous businesses referenced above.

Table of Contents – 229-255 International Blvd., Oakland, California

1) Subsurface Borings and Their Positioning

Under Permit by the Alameda County Department of Public Works (**Appendix C**), Phase-1 ES advanced a total of 8 borings in locations shown on **Figure 2**. Two of the borings were advanced within the 255 International Blvd. building, where the previous gasoline service station existed. One of these borings (WS-1) was advanced to the depth of groundwater, and a sample of the water collected. Depth to groundwater was 150" (12' 6"). A soil sample from WS-2 (also within the building) was collected at a depth of 113" (9' 5"). Eight 3/8" steel probes were inserted into the subsurface soils in the areas within the building where previous fuel tanks may have been positioned to help determine if underground tanks still existed on site. The probes were inserted to a depth of 7 ft. below grade surface. None of the probes encountered refusal at any depth where they were inserted – indicating that there were no likely steel underground tanks in areas that were probed.

The remaining 6 borings were positioned in areas outside of the building corresponding with: 1) The known positioning of the previous Auto Service Repair Garage; 2) the positioning of the previous

Printing Company building, and; 3) areas where there was notable surface oil staining where vehicles had been located. These borings were each advanced to 30" (2' 6") below grade, and soil samples collected from this depth.

2) Borings and Sample Collection Protocols

Using a 4-inch diameter concrete coring machine, Phase-1 ES cored through the concrete slab in the 2 designated areas within the 255 International Blvd. building as shown on **Figure 2**. Asphalt over the remaining 6 outside building borings was broken out to expose the soil beneath it.

Soil Sample Borings: Borings were advanced using a clean 3-inch diameter hand auger. Soil tailings from each boring were placed on plastic sheeting on site. The borings were advanced to their desired depths BGS. Samples were collected by advancing a pre-cleaned slide hammer soil sampler containing two 2" diameter by 3-inch length stainless steel soil collection tubes. Soil collection tubes were immediately removed from the sampler using new latex disposable gloves for each sample, capped with Teflon sheeting and sealed with plastic caps. The sample tubes were labeled and logged onto a Chain of Custody. The sampler was cleaned with a solution of TSP and clean water before and after each sample retrieval. Soils from each boring were field inspected, noting lithology, discoloration, odor, and any abnormal conditions. A total of 7 soil samples were collected for laboratory analyses and immediately placed in a pre-chilled ice chest for transportation to a state certified analytical testing laboratory.

Soils from the boreholes were logged using the Unified Soil Classification System (USCS). Site specific soils encountered during this investigation were identified as silty clay (SC) mostly light brown, medium density. There was no physical evidence noted of chemical discoloration, obvious chemical odors, or other evidence of contamination noted in the 6 borings that were exterior to the building. Soils from the WS-2 boring was noted as having; a slight degraded petroleum odor beginning from approximately 5 ft. BGS to its termination depth at 9ft. 5". Soils from this boring were not discolored.

Water Sample Boring: Soil from the water sample boring (WS-1) was noted have a degraded petroleum odor and gray colored soil beginning at 18 inches BGS. At 36 inches, the soil was greenish-gray, and at 60 inches BGS the petroleum odor was strong, and soil was gray. This condition continued to the depth of water. To collect the water sample, a new, weighted, 36-inch by 1.6 in. diameter SinkFast bailer was lowered to the bottom of the boring, and a water sample collected. Two glass VOS sample containers and one amber glass 750 ml. bottle were immediately filled, sealed with caps, and immediately placed in the pre-chilled ice chest for transportation to a state-certified analytical testing laboratory.

A description of the subsurface materials encountered in the boreholes is depicted on the boring logs in **Appendix A**. A copy of the Chain-of-Custody is included in this appendix.

2.1) Boring Cuttings

Soil cuttings from each of the borings were placed on plastic 6 mil. Visquine plastic sheeting on site, and wrapped and covered, pending the results of the laboratory analyses.

2.2) Borehole Sealing

Each of the borings was sealed to the surface using neat Portland cement – witnessed by the Alameda County Department of Public Works.

3) Tank Probing

8 tank probes were installed by drilling a ¾ inch diameter hole through the concrete slab and into the soil beneath it. A clean 7 ft. long 3/8-inch diameter pointed steel probe rod with a T-handle was inserted into each drill hole, and physically pushed vertically through the soil. Underground steel fuel tanks were generally buried where their tops would be between 2 ft. and 3 ft. BGS. The idea of steel probing is that; if the probe-rod encounters refusal or significant resistance during its vertical push down the 7-ft. vertical depth (as a steel tank surface or its rounded siding will cause refusal), this is indication that a tank could be present. If refusal is encountered, the depth is noted and charted. Additional probing is performed in the vicinity, making note and charting all depths of the refusals. By evaluating the chart, a determination can often be made as to the direction the tank sits underground. Once its direction is determined, its length can often be detected by following and probing in the direction it is laying, until there is no refusal, which indicates the tank end point.

The tank probing performed at this site was inconclusive. There were no refusals to 7 ft. BGS in any of the 8 areas probed, however, the areas probed were not the only areas on site where tanks could have been installed. Additional tank locator measures will need to be employed after the building has been demolished.

4) Laboratory Analyses and Discussion of Results

3.1) Laboratory Analyses

The samples were transported to BC Laboratories, Inc. in Bakersfield, CA - a state Certified Analytical Laboratory, under Chain-of-Custody. All of the soil samples, including the groundwater sample were analyzed under EPA Method 8015B/Fuel Fingerprint Total Recoverable Petroleum Hydrocarbons. Water sample WS-1 and soil samples WS-2 and B-5 were also tested under EPA Method 8260 for Benzene, Toluene, Ethylbenzene, and Total Xylene. The B-5 sample was also analyzed for Silver by EPA Method 6010B.

3.2) Laboratory Results and Discussion

All soil samples were below laboratory detection limits (Non-Detect) for all constituents tested for. The water sample from WS-1 detected 6,800 parts per billion (PPB) of TPH-gasoline in groundwater.

That there was detectable gasoline in groundwater, but no detectable gasoline VOCs (BTEX) indicates that there was petroleum impact to groundwater resultant from the previous gasoline service station operation(s) at the Property.

Please refer to **Table 1** for the laboratory results summary, and **Appendix B** for the complete BC Laboratory results report.

5) Opinions and Recommendations

4.1) Opinions

It is our opinion that borings were positioned and samples of soil collected from appropriate locations and depths. Laboratory testing that was performed covered a broad range of chemical constituents that would be associated with current and past known automotive and printing operations on site. Based on the results, with the exception of the area of the previous gasoline service station, it would appear that the shallow subsurface in most areas of the site has not been significantly impacted by past operations. This is not to say that all areas on site have been represented, as the investigation was limited, and did not cover all areas.

The Maximum Contaminant Level (MCL) for Gasoline in groundwater in the Bay Area is 220 ppb. WS-1 detected 6800 ppb of TPH Gasoline in groundwater. The Odor Nuisance Level for gasoline in non-drinking water is 5000 ppb. The groundwater, however, does not contain the volatile (VOC) Chemicals of Concern (COCs) in gasoline, which are; Benzene, Toluene, Ethylbenzene, and Xylene (BTEX). These VOCs were non-detect (ND) in the groundwater sample, as well as in the soil sample collected from the WS-2 which was 3 ft. above the groundwater, and had significant soils discoloration and petroleum odors noted. The absence of VOCs in both soils and groundwater indicates that these constituents have biologically degraded over the 60+ years since their release into soils and (consequently) groundwater under the site.

Because the TPHg in groundwater exceeds both the permissible MCL and Odor Nuisance levels, this case will be referred by the City to the Alameda County Department of Environmental Health (ACDEH) for determination of what (if any) further investigation and/or mitigation measures will be needed for its development. It is our opinion and experience that; at a minimum, the agency will likely require further delineation of the extent of the groundwater contamination plume. Lead sampling in soils will also likely be a requirement. A Site Management Plan will likely need to be employed and followed during

construction activities. If an underground parking structure is planned, the County will likely require that a sub-slab barrier be used to block odor intrusion from entering the planned development structures.

Based on the current, limited sampling that has been performed, it appears that excavated soils at the site could possibly be candidate for non-hazardous disposal. The soils will need to be characterized in accordance with the disposal facility profiling requirements prior to its disposal.

The tank probing performed at this site was inconclusive. The areas probed that were reasonably accessible where tanks could have been located were not the only areas on site where tanks may have been installed. Additional tank locator measures will need to be taken after the building has been demolished to assure that none exist.

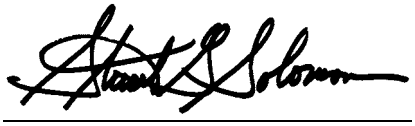
4.2) Recommendations

The discovery of elevated petroleum in groundwater at the Property will necessitate County Environmental Health Department oversight and their approval for the planned project. To avoid unnecessary delays, we recommend that this case be opened with the ACDEH without delay. Development plans and subsurface sampling results will need to be submitted for their review and approval before the project can effectively move forward.

6) Certification and Limitations

To the best of our knowledge, all statements made in this Report are true and correct. This report is based on data provided by the client and others, site conditions observed, samples collected and analytical data. No warranty whatsoever is made that this report addresses all contamination existing on the site.

Respectfully submitted this 30th day of August 2017
Phase-1 Environmental Services



Stuart G. Solomon – Environmental Professional
Senior Partner

Figures

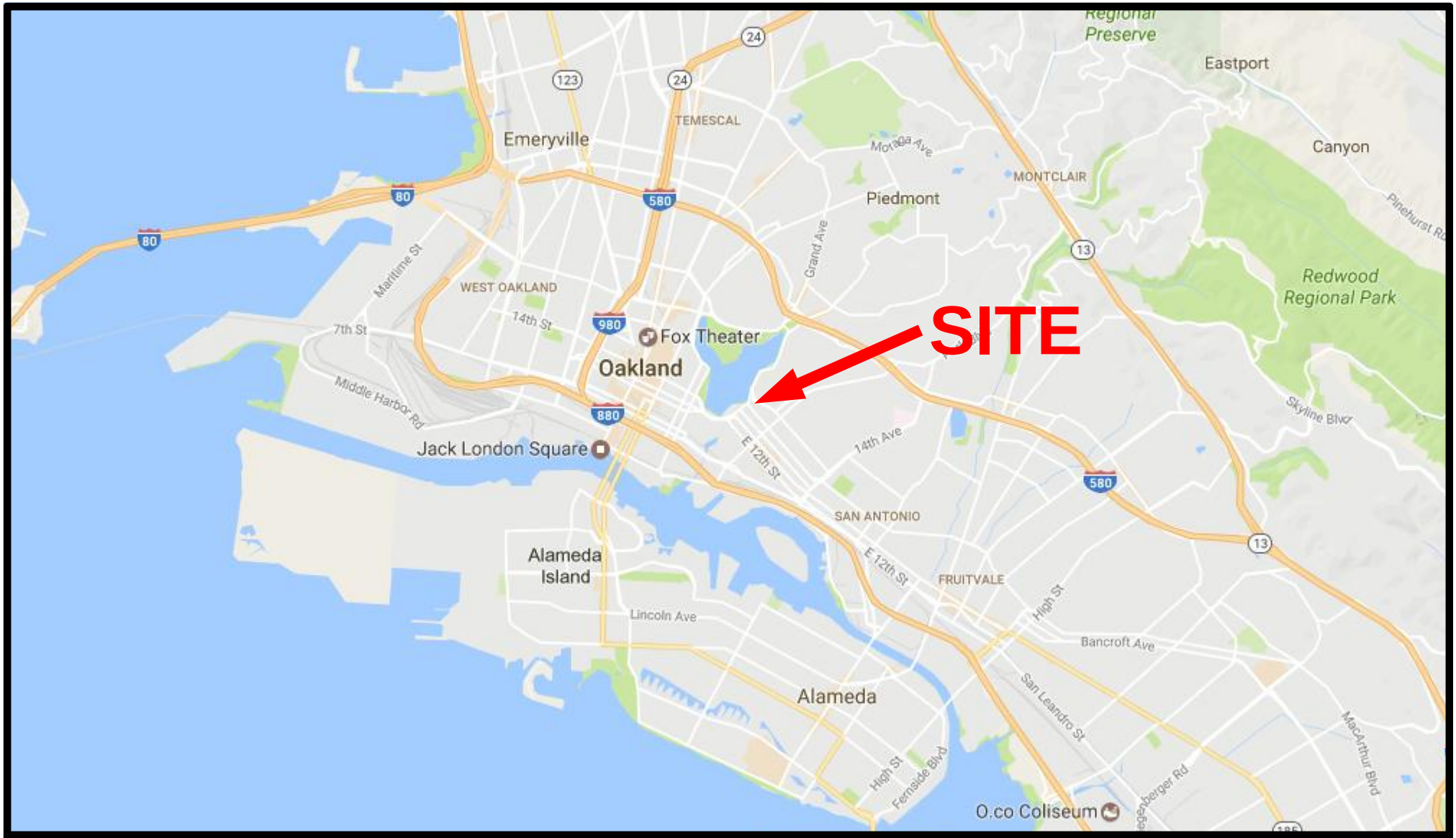
1) Site Vicinity Map
2) Boring Locations Site Plan
3) Parcel Outline Map
4) Aerial Photograph
5) Topographical Map

Tables

1) Laboratory Sample Summary

Appendices

A) Boring Logs and Chain-of-Custody
B) Analytical Laboratory Sample Testing Report
C) Alameda County DPW Boring Permit



Legend

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Environmental Services
Silicon Valley Environmental Group
www.phase-1environmental.com

Figure 1
SITE VICINITY MAP
229 & 255 INTERNATIONAL BLVD, OAKLAND, CA 94606
APN # 20-127-6-3
Project: P5-07-28-17

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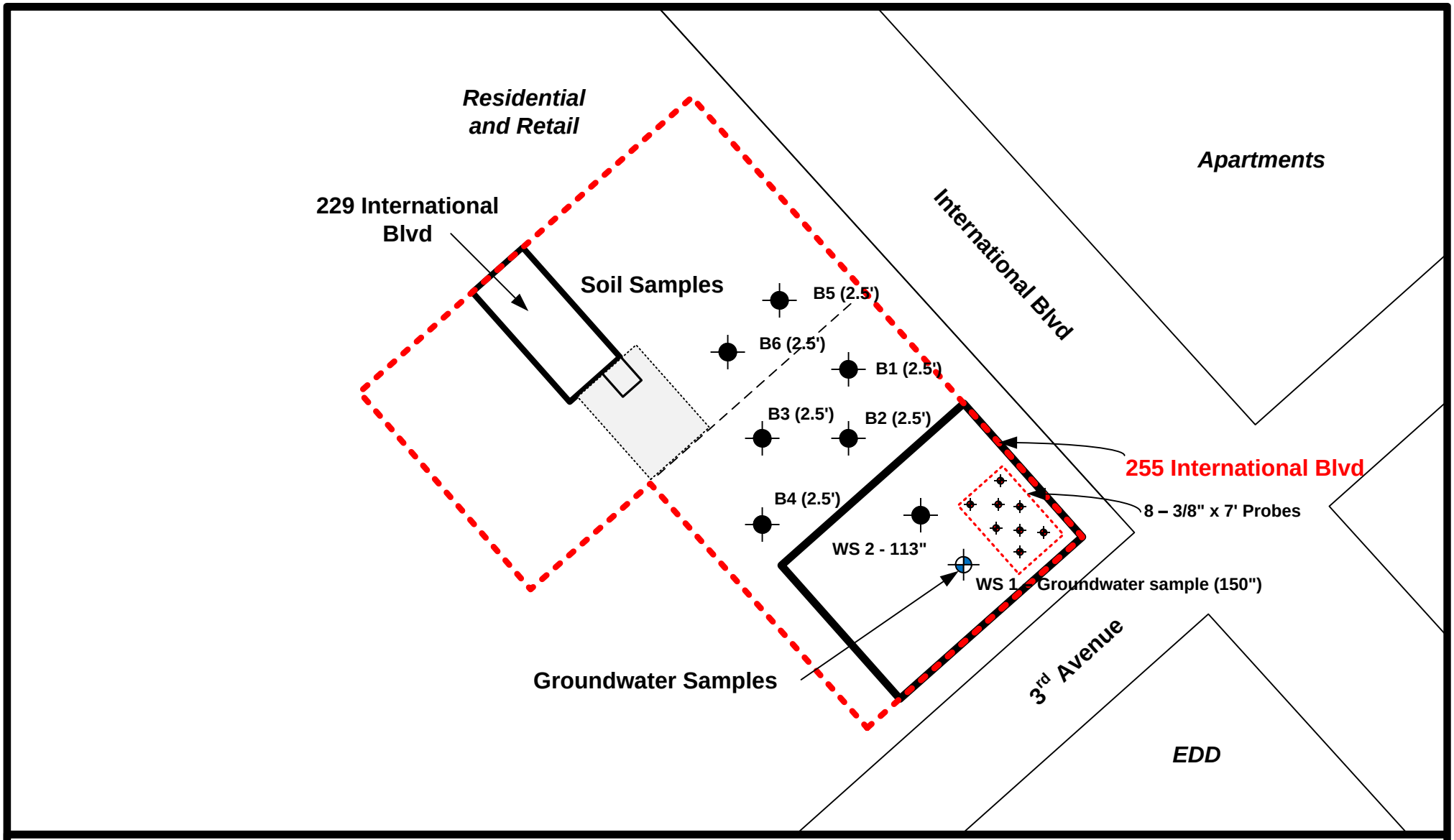

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Less than 3' Soil Borings

Groundwater Borings

DPW Application # 1502137482960

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Figure 2
SITE PLAN
229 & 255 INTERNATIONAL BLVD, OAKLAND, CA 94606
APN # 20-127-6-3
Project: P5-07-28-17

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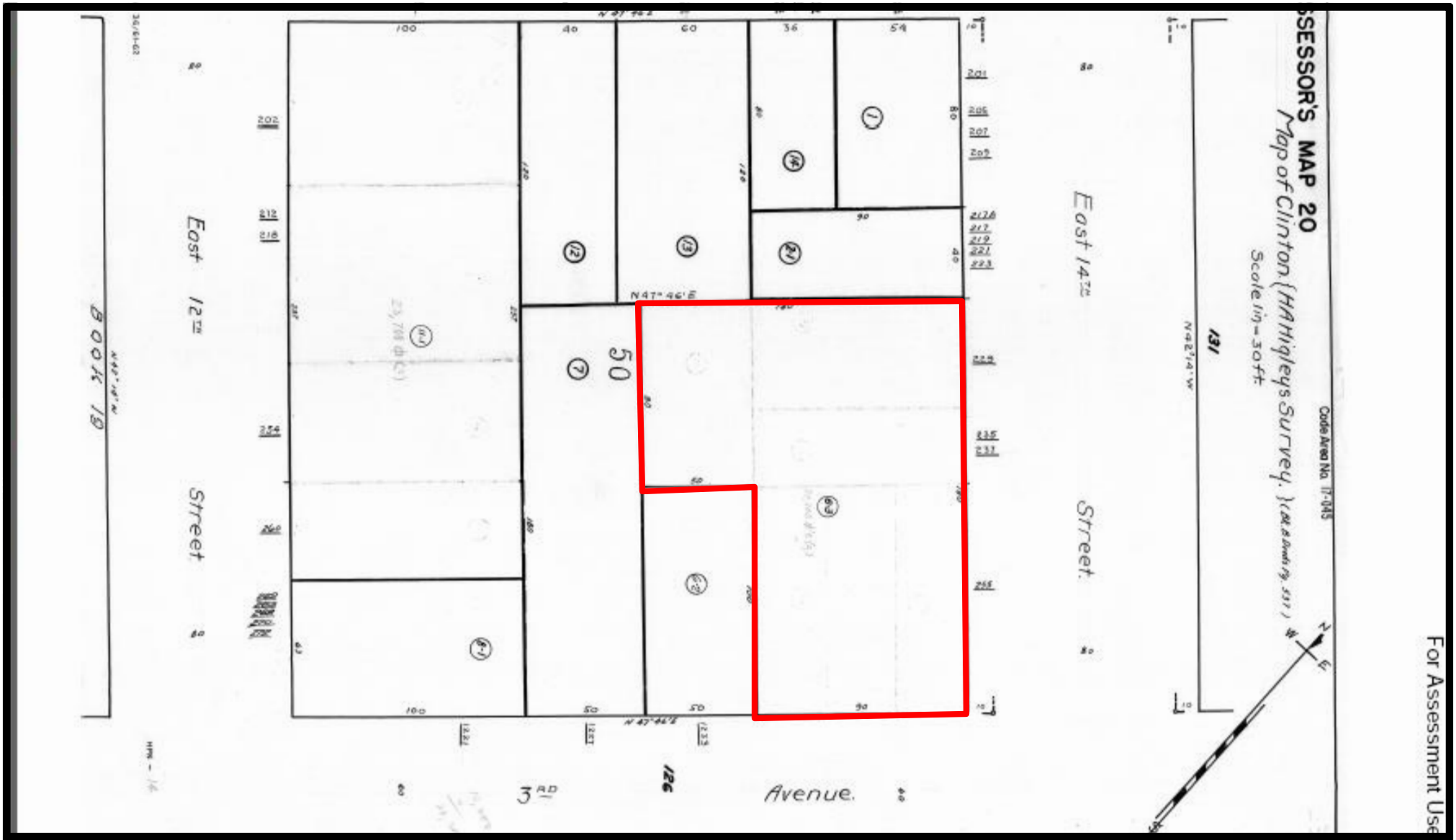

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Figure 3
PARCEL MAP
229 & 255 INTERNATIONAL BLVD, OAKLAND, CA 94606
APN # 20-127-6-3
Project: P5-07-28-17

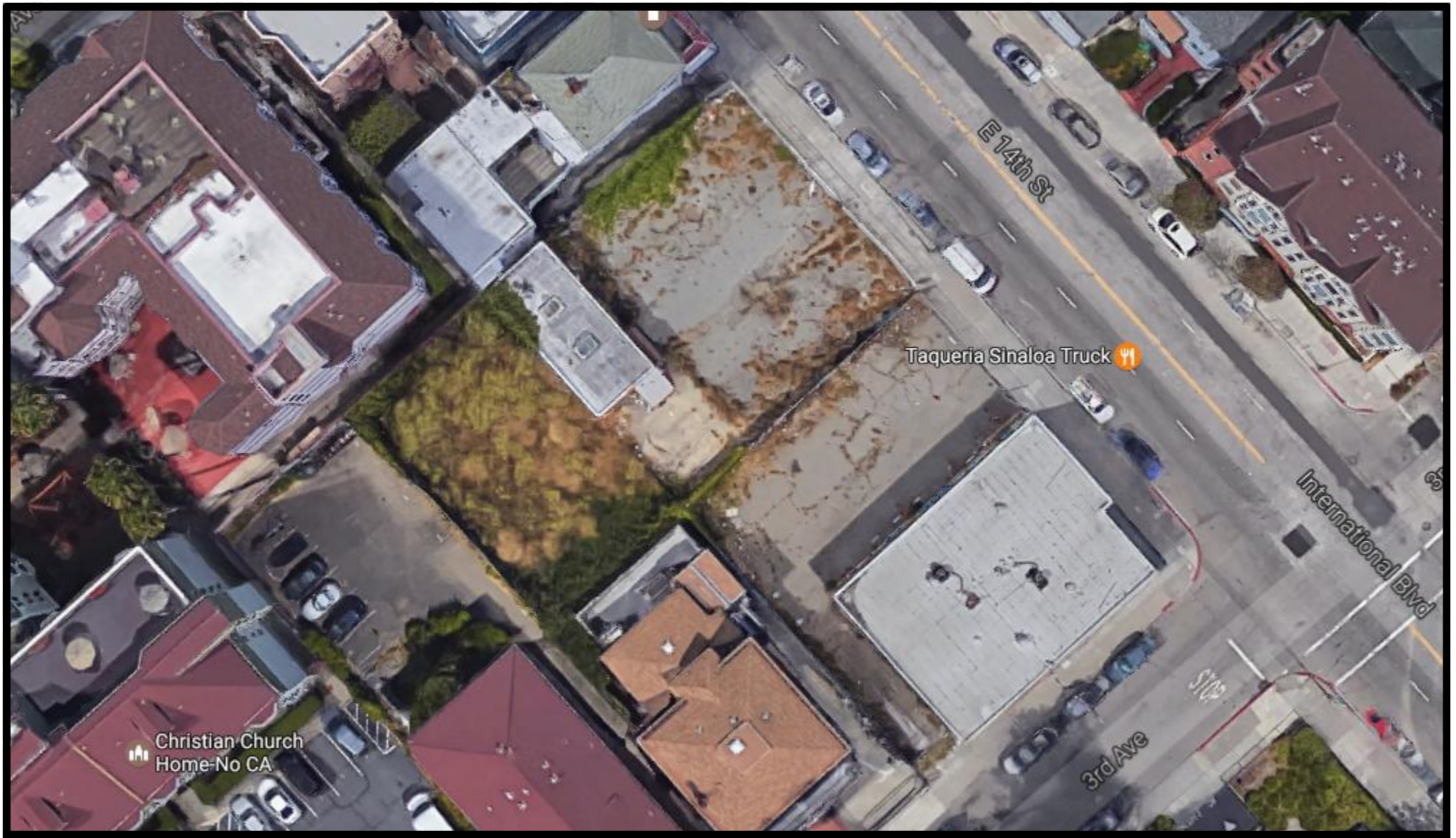

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Figure 4
AERIAL PHOTOGRAPH
229 & 255 INTERNATIONAL BLVD, OAKLAND, CA 94606
APN # 20-127-6-3
Project: P5-07-28-17

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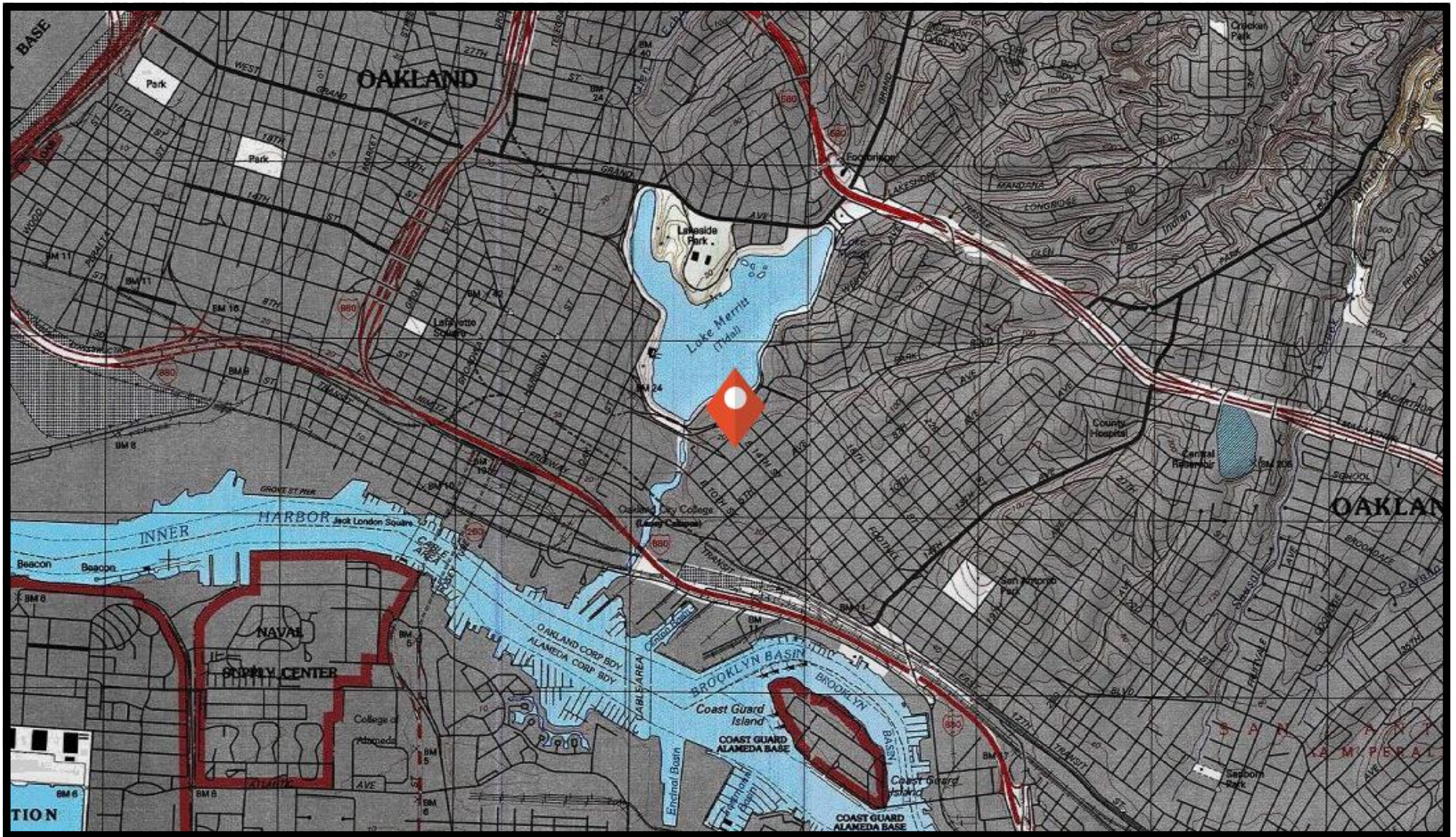

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Topographical Map: Oakland West, CA Map MRC: 37122G3

Site is approx. 20' Above MSL

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Figure 5

TOPOGRAPHICAL MAP

229 & 255 INTERNATIONAL BLVD, OAKLAND, CA 94606

APN # 20-127-6-3

Project: P5-07-28-17

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Property Photographs

229 & 255 International Blvd, Oakland, CA

Photo Collection #1

Subject Site
229 & 255 International Blvd

Northern portion of the 255 International lot - Borings B1-B4

View os WS 1
Interior of 255 International Blvd

WS 2
Interior of 255 International Blvd

View of boring tailings
At the Northwest portion of the building

Another view of the tailings

Table 1 - Lab Sample Summary - 229-255 Intenational Blvd., Oakland, CA

SAMPLE ID-Depth	SAMP_DATE	ANALYTE	RESULT	UNITS	PQL	MDL	METHOD
WS1-150''- GWater	**08/10/2017**	Benzene	ND	ug/L	5.0	0.83	EPA-8260B
		Ethylbenzene	ND	ug/L	5.0	0.98	EPA-8260B
		Toluene	ND	ug/L	5.0	0.93	EPA-8260B
		Total Xylenes	ND	ug/L	10	3.6	EPA-8260B
		p- & m-Xylenes	ND	ug/L	5.0	2.8	EPA-8260B
		o-Xylene	ND	ug/L	5.0	0.82	EPA-8260B
		1,2-Dichloroethane-d4 **(Surrogate)**	112	%Rec			EPA-8260B
		Toluene-d8 **(Surrogate)**	97.3	%Rec			EPA-8260B
		4-Bromofluorobenzene **(Surrogate)**	93.0	%Rec			EPA-8260B
		TPH - Light Naptha	ND	ug/L	1000	400	EPA-8015B/FFP
		TPH - Aviation Gas	ND	ug/L	1000	400	EPA-8015B/FFP
		TPH - Stoddard Solvent	ND	ug/L	400	200	EPA-8015B/FFP
		TPH - Heavy Naptha	ND	ug/L	400	200	EPA-8015B/FFP
		TPH - Gasoline	**6800**	ug/L	1000	400	EPA-8015B/FFP
		TPH - Jet Fuel (JP4)	ND	ug/L	400	200	EPA-8015B/FFP
		TPH - Jet Fuel (JP5)	ND	ug/L	400	260	EPA-8015B/FFP
		TPH - Jet Fuel (JP8)	ND	ug/L	400	200	EPA-8015B/FFP
		TPH - Kerosene	ND	ug/L	400	110	EPA-8015B/FFP
		TPH - Diesel (FFP)	ND	ug/L	400	68	EPA-8015B/FFP
		TPH - Fuel Oil #6	ND	ug/L	100	50	EPA-8015B/FFP
		TPH - Crude Oil	ND	ug/L	1000	280	EPA-8015B/FFP
		TPH - Hydraulic Oil / Motor Oil	ND	ug/L	1000	130	EPA-8015B/FFP
		TPH - WD-40	ND	ug/L	400	200	EPA-8015B/FFP
		Tetracosane **(Surrogate)**	75.6	%Rec			EPA-8015B/FFP
WS2- 110'' - Soil	**08/10/2017**	Benzene	ND	mg/kg	0.0050	0.0013	EPA-8260B
		Ethylbenzene	ND	mg/kg	0.0050	0.0015	EPA-8260B
		Toluene	ND	mg/kg	0.0050	0.0012	EPA-8260B
		Total Xylenes	ND	mg/kg	0.010	0.0034	EPA-8260B
		p- & m-Xylenes	ND	mg/kg	0.0050	0.0022	EPA-8260B
		o-Xylene	ND	mg/kg	0.0050	0.0012	EPA-8260B
		1,2-Dichloroethane-d4 **(Surrogate)**	109	%Rec			EPA-8260B
		Toluene-d8 **(Surrogate)**	98.6	%Rec			EPA-8260B
		4-Bromofluorobenzene **(Surrogate)**	99.0	%Rec			EPA-8260B
		TPH - Light Naptha	ND	mg/kg	50	20	EPA-8015B/FFP
		TPH - Aviation Gas	ND	mg/kg	50	20	EPA-8015B/FFP
		TPH - Stoddard Solvent	ND	mg/kg	20	5.0	EPA-8015B/FFP
		TPH - Heavy Naptha	ND	mg/kg	10	5.0	EPA-8015B/FFP
		TPH - Gasoline	ND	mg/kg	20	5.0	EPA-8015B/FFP
		TPH - Jet Fuel (JP4)	ND	mg/kg	10	5.0	EPA-8015B/FFP
		TPH - Jet Fuel (JP5)	ND	mg/kg	10	4.6	EPA-8015B/FFP
		TPH - Jet Fuel (JP8)	ND	mg/kg	10	5.0	EPA-8015B/FFP
		TPH - Kerosene	ND	mg/kg	10	1.4	EPA-8015B/FFP
		TPH - Diesel (FFP)	ND	mg/kg	10	1.2	EPA-8015B/FFP

	TPH - Fuel Oil #6	ND	mg/kg	10	5.0	EPA-8015B/FFP
	TPH - Crude Oil	ND	mg/kg	20	2.8	EPA-8015B/FFP
	TPH - Hydraulic Oil / Motor Oil	ND	mg/kg	20	6.5	EPA-8015B/FFP
	TPH - WD-40	ND	mg/kg	10	5.0	EPA-8015B/FFP
	Tetracosane **(Surrogate)**	80.6	%Rec			EPA-8015B/FFP
B1- 2.5' - Soil 08/10/2017	TPH - Light Naptha	ND	mg/kg	50	20	EPA-8015B/FFP
	TPH - Aviation Gas	ND	mg/kg	50	20	EPA-8015B/FFP
	TPH - Stoddard Solvent	ND	mg/kg	20	5.0	EPA-8015B/FFP
	TPH - Heavy Naptha	ND	mg/kg	10	5.0	EPA-8015B/FFP
	TPH - Gasoline	ND	mg/kg	20	5.0	EPA-8015B/FFP
	TPH - Jet Fuel (JP4)	ND	mg/kg	10	5.0	EPA-8015B/FFP
	TPH - Jet Fuel (JP5)	ND	mg/kg	10	4.6	EPA-8015B/FFP
	TPH - Jet Fuel (JP8)	ND	mg/kg	10	5.0	EPA-8015B/FFP
	TPH - Kerosene	ND	mg/kg	10	1.4	EPA-8015B/FFP
	TPH - Diesel (FFP)	ND	mg/kg	10	1.2	EPA-8015B/FFP
	TPH - Fuel Oil #6	ND	mg/kg	10	5.0	EPA-8015B/FFP
	TPH - Crude Oil	ND	mg/kg	20	2.8	EPA-8015B/FFP
	TPH - Hydraulic Oil / Motor Oil	8.5	mg/kg	20	6.5	EPA-8015B/FFP
	TPH - WD-40	ND	mg/kg	10	5.0	EPA-8015B/FFP
	Tetracosane **(Surrogate)**	74.9	%Rec			EPA-8015B/FFP
B2- 2.5' -- Soil 08/10/2017	TPH - Light Naptha	ND	mg/kg	50	20	EPA-8015B/FFP
	TPH - Aviation Gas	ND	mg/kg	50	20	EPA-8015B/FFP
	TPH - Stoddard Solvent	ND	mg/kg	20	5.0	EPA-8015B/FFP
	TPH - Heavy Naptha	ND	mg/kg	10	5.0	EPA-8015B/FFP
	TPH - Gasoline	ND	mg/kg	20	5.0	EPA-8015B/FFP
	TPH - Jet Fuel (JP4)	ND	mg/kg	10	5.0	EPA-8015B/FFP
	TPH - Jet Fuel (JP5)	ND	mg/kg	10	4.6	EPA-8015B/FFP
	TPH - Jet Fuel (JP8)	ND	mg/kg	10	5.0	EPA-8015B/FFP
	TPH - Kerosene	ND	mg/kg	10	1.4	EPA-8015B/FFP
	TPH - Diesel (FFP)	ND	mg/kg	10	1.2	EPA-8015B/FFP
	TPH - Fuel Oil #6	ND	mg/kg	10	5.0	EPA-8015B/FFP
	TPH - Crude Oil	ND	mg/kg	20	2.8	EPA-8015B/FFP
	TPH - Hydraulic Oil / Motor Oil	ND	mg/kg	20	6.5	EPA-8015B/FFP
	TPH - WD-40	ND	mg/kg	10	5.0	EPA-8015B/FFP
	Tetracosane **(Surrogate)**	77.0	%Rec			EPA-8015B/FFP
B3- 2.5' - Soil 08/10/2017	TPH - Light Naptha	ND	mg/kg	50	20	EPA-8015B/FFP
	TPH - Aviation Gas	ND	mg/kg	50	20	EPA-8015B/FFP
	TPH - Stoddard Solvent	ND	mg/kg	20	5.0	EPA-8015B/FFP
	TPH - Heavy Naptha	ND	mg/kg	10	5.0	EPA-8015B/FFP
	TPH - Gasoline	ND	mg/kg	20	5.0	EPA-8015B/FFP
	TPH - Jet Fuel (JP4)	ND	mg/kg	10	5.0	EPA-8015B/FFP
	TPH - Jet Fuel (JP5)	ND	mg/kg	10	4.6	EPA-8015B/FFP
	TPH - Jet Fuel (JP8)	ND	mg/kg	10	5.0	EPA-8015B/FFP
	TPH - Kerosene	ND	mg/kg	10	1.4	EPA-8015B/FFP

	TPH - Diesel (FFP)	ND	mg/kg	10	1.2	EPA-8015B/FFP
	TPH - Fuel Oil #6	ND	mg/kg	10	5.0	EPA-8015B/FFP
	TPH - Crude Oil	ND	mg/kg	20	2.8	EPA-8015B/FFP
	TPH - Hydraulic Oil / Motor Oil	ND	mg/kg	20	6.5	EPA-8015B/FFP
	TPH - WD-40	ND	mg/kg	10	5.0	EPA-8015B/FFP
	Tetracosane **(Surrogate)**	71.4	%Rec			EPA-8015B/FFP
B4- 2.5' - Soil 08/10/2017	TPH - Light Naptha	ND	mg/kg	50	20	EPA-8015B/FFP
	TPH - Aviation Gas	ND	mg/kg	50	20	EPA-8015B/FFP
	TPH - Stoddard Solvent	ND	mg/kg	20	5.0	EPA-8015B/FFP
	TPH - Heavy Naptha	ND	mg/kg	10	5.0	EPA-8015B/FFP
	TPH - Gasoline	ND	mg/kg	20	5.0	EPA-8015B/FFP
	TPH - Jet Fuel (JP4)	ND	mg/kg	10	5.0	EPA-8015B/FFP
	TPH - Jet Fuel (JP5)	ND	mg/kg	10	4.6	EPA-8015B/FFP
	TPH - Jet Fuel (JP8)	ND	mg/kg	10	5.0	EPA-8015B/FFP
	TPH - Kerosene	ND	mg/kg	10	1.4	EPA-8015B/FFP
	TPH - Diesel (FFP)	ND	mg/kg	10	1.2	EPA-8015B/FFP
	TPH - Fuel Oil #6	ND	mg/kg	10	5.0	EPA-8015B/FFP
	TPH - Crude Oil	ND	mg/kg	20	2.8	EPA-8015B/FFP
	TPH - Hydraulic Oil / Motor Oil	13	mg/kg	20	6.5	EPA-8015B/FFP
	TPH - WD-40	ND	mg/kg	10	5.0	EPA-8015B/FFP
	Tetracosane **(Surrogate)**	69.0	%Rec			EPA-8015B/FFP
B5- 2.5' - Soil 08/10/2017	Benzene	ND	mg/kg	0.0050	0.0013	EPA-8260B
	Ethylbenzene	ND	mg/kg	0.0050	0.0015	EPA-8260B
	Toluene	ND	mg/kg	0.0050	0.0012	EPA-8260B
	Total Xylenes	ND	mg/kg	0.010	0.0034	EPA-8260B
	p- & m-Xylenes	ND	mg/kg	0.0050	0.0022	EPA-8260B
	o-Xylene	ND	mg/kg	0.0050	0.0012	EPA-8260B
	1,2-Dichloroethane-d4 **(Surrogate)**	105	%Rec			EPA-8260B
	Toluene-d8 **(Surrogate)**	103	%Rec			EPA-8260B
	4-Bromofluorobenzene **(Surrogate)**	98.9	%Rec			EPA-8260B
	TPH - Light Naptha	ND	mg/kg	50	20	EPA-8015B/FFP
	TPH - Aviation Gas	ND	mg/kg	50	20	EPA-8015B/FFP
	TPH - Stoddard Solvent	ND	mg/kg	20	5.0	EPA-8015B/FFP
	TPH - Heavy Naptha	ND	mg/kg	10	5.0	EPA-8015B/FFP
	TPH - Gasoline	ND	mg/kg	20	5.0	EPA-8015B/FFP
	TPH - Jet Fuel (JP4)	ND	mg/kg	10	5.0	EPA-8015B/FFP
	TPH - Jet Fuel (JP5)	ND	mg/kg	10	4.6	EPA-8015B/FFP
	TPH - Jet Fuel (JP8)	ND	mg/kg	10	5.0	EPA-8015B/FFP
	TPH - Kerosene	ND	mg/kg	10	1.4	EPA-8015B/FFP
	TPH - Diesel (FFP)	ND	mg/kg	10	1.2	EPA-8015B/FFP
	TPH - Fuel Oil #6	ND	mg/kg	10	5.0	EPA-8015B/FFP
	TPH - Crude Oil	ND	mg/kg	20	2.8	EPA-8015B/FFP
	TPH - Hydraulic Oil / Motor Oil	ND	mg/kg	20	6.5	EPA-8015B/FFP
	TPH - WD-40	ND	mg/kg	10	5.0	EPA-8015B/FFP
	Tetracosane **(Surrogate)**	77.3	%Rec			EPA-8015B/FFP

	Silver	ND	mg/kg	0.50	0.067	EPA-6010B
B6- 2.5' - Soil 08/10/2017	TPH - Light Naptha	ND	mg/kg	50	20	EPA-8015B/FFP
	TPH - Aviation Gas	ND	mg/kg	50	20	EPA-8015B/FFP
	TPH - Stoddard Solvent	ND	mg/kg	20	5.0	EPA-8015B/FFP
	TPH - Heavy Naptha	ND	mg/kg	10	5.0	EPA-8015B/FFP
	TPH - Gasoline	ND	mg/kg	20	5.0	EPA-8015B/FFP
	TPH - Jet Fuel (JP4)	ND	mg/kg	10	5.0	EPA-8015B/FFP
	TPH - Jet Fuel (JP5)	ND	mg/kg	10	4.6	EPA-8015B/FFP
	TPH - Jet Fuel (JP8)	ND	mg/kg	10	5.0	EPA-8015B/FFP
	TPH - Kerosene	ND	mg/kg	10	1.4	EPA-8015B/FFP
	TPH - Diesel (FFP)	ND	mg/kg	10	1.2	EPA-8015B/FFP
	TPH - Fuel Oil #6	ND	mg/kg	10	5.0	EPA-8015B/FFP
	TPH - Crude Oil	ND	mg/kg	20	2.8	EPA-8015B/FFP
	TPH - Hydraulic Oil / Motor Oil	24	mg/kg	20	6.5	EPA-8015B/FFP
	TPH - WD-40	ND	mg/kg	10	5.0	EPA-8015B/FFP
	Tetracosane **(Surrogate)**	68.1	%Rec			EPA-8015B/FFP

DATE 08/10/2017
PROJECT NAME International Blvd Phase II
PROJECT NUMBER P5-07-28-17
PROJECT LOCATION 229 & 255 International Blvd
GROUND ELEVATION 26' Above MSL
BORING DEPTH 158"
GROUND WATER LEVEL:
1ST ENCOUNTERED 150"

DRILLING CONTRACTOR Phase-1 Environmental
DRILLING METHOD 4" Hand Auger
LOGGED BY CGS
FIELD NOTES

Depth (ft)	Sample	Sample ID	Analyzed For	Odors or Discoloration	PID (ppm)	Lithology	SOIL DESCRIPTION
1–25		WS1 (150")	8015B & 8260				**18" - SILTY CLAY (CL):** Smell of degraded petroleum present. Clay is slightly colored grey **36" - SILTY CLAY (CL):** Smell of degraded petroleum present. Clay is slightly colored green/grey **60" - SILTY CLAY (CL):** Strong Smell of degraded petroleum present. Clay is colored grey and slightly sandy **108" - SILTY CLAY (CL):** Strong Smell of degraded petroleum present. Clay is colored grey **150" (12.5'):** First encountered groundwater. Hard clay with strong degraded petroleum smell. Water sample taken **158":** Terminated Borning

WELL/BORING CONSTRUCTION DETAILS:
Backfilled with neat cement (Portland I/II)

Phase-1 Environmental Services
Silicon Valley Environmental Group
www.phase-1environmental.com

BORING LOG

229 & 255 International Blvd
Oakland, CA 94606

BORING
WS1

DATE 08/10/2017
PROJECT NAME International Blvd Phase II
PROJECT NUMBER P5-07-28-17
PROJECT LOCATION 229 & 255 International Blvd
GROUND ELEVATION 26' Above MSL
BORING DEPTH 113"
GROUND WATER LEVEL:
1ST ENCOUNTERED NA

DRILLING CONTRACTOR Phase-1 Environmental
DRILLING METHOD 4" Hand Auger
LOGGED BY CGS
FIELD NOTES

Depth (ft)	Sample	Sample ID	Analyzed For	Odors or Discoloration	PID (ppm)	Lithology	SOIL DESCRIPTION
1–25		WS2 (113")	8015B & 8260				**18" - SILTY CLAY (CL):** Light brown. No odors **36" - SILTY CLAY (CL):** Light brown. No odors **60" - SILTY CLAY (CL):** Light brown. Very slight degraded petroleum odor smell **113" - SILTY CLAY (CL):** Boring Terminated Clay is colored brown. Soil sample taken

WELL/BORING CONSTRUCTION DETAILS:
Backfilled with neat cement (Portland I/II)

Phase-1
Environmental Services
Silicon Valley Environmental Group
www.phase-1environmental.com

BORING LOG

229 & 255 International Blvd
Oakland, CA 94606

BORING

WS2

DATE 08/10/2017
PROJECT NAME International Blvd Phase II
PROJECT NUMBER P5-07-28-17
PROJECT LOCATION 229 & 255 International Blvd
GROUND ELEVATION 26' Above MSL
BORING DEPTH 33"
GROUND WATER LEVEL:
1ST ENCOUNTERED NA

DRILLING CONTRACTOR Phase-1 Environmental
DRILLING METHOD 4" Hand Auger
LOGGED BY CGS
FIELD NOTES

Depth (ft)	Sample	Sample ID	Analyzed For	Odors or Discoloration	PID (ppm)	Lithology	SOIL DESCRIPTION
1		B1 (30")	8015B				**SILTY CLAY (CL):** No odors
2							**30" - Boring Terminated (Soil Sample 30-33")**
3							
4							
5							
6							
7							
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25							

WELL/BORING CONSTRUCTION DETAILS:
Backfilled with neat cement (Portland I/II)

Phase-1
Environmental Services
Silicon Valley Environmental Group
www.phase-1environmental.com

BORING LOG

229 & 255 International Blvd
Oakland, CA 94606

BORING
B1

DATE 08/10/2017
PROJECT NAME International Blvd Phase II
PROJECT NUMBER P5-07-28-17
PROJECT LOCATION 229 & 255 International Blvd
GROUND ELEVATION 26' Above MSL
BORING DEPTH 33"
GROUND WATER LEVEL:
1ST ENCOUNTERED NA

DRILLING CONTRACTOR Phase-1 Environmental
DRILLING METHOD 4" Hand Auger
LOGGED BY CGS
FIELD NOTES

Depth (ft)	Sample	Sample ID	Analyzed For	Odors or Discoloration	PID (ppm)	Lithology	SOIL DESCRIPTION
1		B2 (30")	8015B				**SILTY CLAY (CL):** No odors
2							**30" - Boring Terminated (Soil Sample 30-33")**
3							
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WELL/BORING CONSTRUCTION DETAILS:
Backfilled with neat cement (Portland I/II)

Phase-1
Environmental Services
Silicon Valley Environmental Group
www.phase-1environmental.com

BORING LOG

229 & 255 International Blvd
Oakland, CA 94606

BORING
B2

DATE 08/10/2017
PROJECT NAME International Blvd Phase II
PROJECT NUMBER P5-07-28-17
PROJECT LOCATION 229 & 255 International Blvd
GROUND ELEVATION 26' Above MSL
BORING DEPTH 33"
GROUND WATER LEVEL:
1ST ENCOUNTERED NA

DRILLING CONTRACTOR Phase-1 Environmental
DRILLING METHOD 4" Hand Auger
LOGGED BY CGS
FIELD NOTES

Depth (ft)	Sample	Sample ID	Analyzed For	Odors or Discoloration	PID (ppm)	Lithology	SOIL DESCRIPTION
1		B3 (30")	8015B				**SILTY CLAY (CL):** No odors
2							**30" - Boring Terminated (Soil Sample 30-33")**
3							
4							
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6							
7							
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25							

WELL/BORING CONSTRUCTION DETAILS:
Backfilled with neat cement (Portland I/II)

Phase-1
Environmental Services
Silicon Valley Environmental Group
www.phase-1environmental.com

BORING LOG

229 & 255 International Blvd
Oakland, CA 94606

BORING
B3

DATE 08/10/2017
PROJECT NAME International Blvd Phase II
PROJECT NUMBER P5-07-28-17
PROJECT LOCATION 229 & 255 International Blvd
GROUND ELEVATION 26' Above MSL
BORING DEPTH 33"
GROUND WATER LEVEL:
1ST ENCOUNTERED NA

DRILLING CONTRACTOR Phase-1 Environmental
DRILLING METHOD 4" Hand Auger
LOGGED BY CGS
FIELD NOTES

Depth (ft)	Sample	Sample ID	Analyzed For	Odors or Discoloration	PID (ppm)	Lithology	SOIL DESCRIPTION
1		B4 (30")	8015B				**SILTY CLAY (CL):** No odors
2							**30" - Boring Terminated (Soil Sample 30-33")**
3							
4							
5							
6							
7							
8							
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24							
25							

WELL/BORING CONSTRUCTION DETAILS:
Backfilled with neat cement (Portland I/II)

Phase-1
Environmental Services
Silicon Valley Environmental Group
www.phase-1environmental.com

BORING LOG

229 & 255 International Blvd
Oakland, CA 94606

BORING
B4

DATE 08/10/2017
PROJECT NAME International Blvd Phase II
PROJECT NUMBER P5-07-28-17
PROJECT LOCATION 229 & 255 International Blvd
GROUND ELEVATION 26' Above MSL
BORING DEPTH 33"
GROUND WATER LEVEL:
1ST ENCOUNTERED NA

DRILLING CONTRACTOR Phase-1 Environmental
DRILLING METHOD 4" Hand Auger
LOGGED BY CGS
FIELD NOTES

Depth (ft)	Sample	Sample ID	Analyzed For	Odors or Discoloration	PID (ppm)	Lithology	SOIL DESCRIPTION
1		B5 (30")					**SILTY CLAY (CL):** No odors
2							**30" - Boring Terminated (Soil Sample 30-33")**
3			**8015B, 8260 & 6010B - Silver**				
4							
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WELL/BORING CONSTRUCTION DETAILS:
Backfilled with neat cement (Portland I/II)

Phase-1
Environmental Services
Silicon Valley Environmental Group
www.phase-1environmental.com

BORING LOG

229 & 255 International Blvd
Oakland, CA 94606

BORING

B5

DATE 08/10/2017
PROJECT NAME International Blvd Phase II
PROJECT NUMBER P5-07-28-17
PROJECT LOCATION 229 & 255 International Blvd
GROUND ELEVATION 26' Above MSL
BORING DEPTH 33"
GROUND WATER LEVEL:
1ST ENCOUNTERED NA

DRILLING CONTRACTOR Phase-1 Environmental
DRILLING METHOD 4" Hand Auger
LOGGED BY CGS
FIELD NOTES

Depth (ft)	Sample	Sample ID	Analyzed For	Odors or Discoloration	PID (ppm)	Lithology	SOIL DESCRIPTION
1		B6 (30")	8015B				**SILTY CLAY (CL):** No odors
2							**30" - Boring Terminated (Soil Sample 30-33")**
3							
4							
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6							
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WELL/BORING CONSTRUCTION DETAILS:
Backfilled with neat cement (Portland I/II)

Phase-1
Environmental Services
Silicon Valley Environmental Group
www.phase-1environmental.com

BORING LOG

229 & 255 International Blvd
Oakland, CA 94606

BORING

B6

BC LABORATORIES, INC. — Chain of Custody Form

Page _____ of _____

Report To: Client: PHASE-1 ENVIRONMENTAL	Project #: P5-07-28-17
Attn: STUART SOLOMON	Project Name:
Street Address: 5216 HARWOOD RD	INTERNATIONAL BLDG
City, State, Zip: SAN JOSE, CA 95124	Sampler(s): CHRIS SOLOMON
Phone: 831 422-2290 Fax: 408 784-7165	
Email: STUART@PHASE-1ENVIRONMENTAL.COM	
Work Order #:	17-226887

Analysis Requested

Please refer to the back of this page for completion instructions and method legend.

Sample #	Description	Date Sampled	Time Sampled	8015B FFP	8260 BTEX	6010B SILVER	Sample Matrix: Soil	Sludge	Drinking Water	Ground Waater	Waste Water	Other	Result Request **Surcharge: STD (10 Days) / 5 Day** / 2 Day** / 1 Day**	Notes
WS1	-1 150" GROUND WATER	8/10/17	2:45	X	X					X				
WS2	-2 110"	8/10/17	12:15	X	X		X							
B1	-3 2.5'	8/10/17	12:25	X			X							
B2	-4 2.5'	8/10/17	12:40	X			X							
B3	-5 2.5'	8/10/17	1:00	X			X							
B4	-6 2.5'	8/10/17	1:15	X			X							
B5	-7 2.5'	8/10/17	1:30	X	X	X	X							
B6	-8 2.5'	8/10/17	2:00	X			X							

Comments:

CHK BY GP — DISTRIBUTION — SUB-OUT

Billing

☒ Same as above

Client: _____

Address: _____

City: _____ State _____ Zip _____

Attn: _____

P.O. #: _____

EDF Required? Geotracker ☐ Yes ☐ No

Send Copy to State of CA? (EDT) ☐ Yes ☐ No

Global ID (Needed for EDF): _____

System # (Needed for EDT): _____

	Relinquished By	Date	Time	Received By	Date	Time
1.		8/11/17	1200		8/11/17	1200
2.		8/14/17	1401		8-14-17	1401
3.		8-14-17	1830		8/14/17	1830

REL. 8/14/17 2300 Gurjot Pannu 8/14 2300

Date of Report: 08/28/2017

Stuart Solomon

Phase-1 Environmental Services
5216 Hardwood Road
Silicon Valley Environmental Group
San Jose, CA 95124

Client Project:	P5-07-28-17 International BDD
BCL Project:	Misc
BCL Work Order:	1722687
Invoice ID:	B277493

Enclosed are the results of analyses for samples received by the laboratory on 8/14/2017. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Contact Person: Felicia Johnson
Client Service Rep

Stuart Buttram
Technical Director

Table of Contents

BC LABORATORIES, INC. — Chain of Custody Form

Page _____ of _____

Report To: Client: PHASE-1 ENVIRONMENTAL	Project #: P5-07-28-17
Attn: STUART SOLOMON	Project Name:
Street Address: 5216 HARWOOD RD	INTERNATIONAL BLDG
City, State, Zip: SAN JOSE, CA 95124	Sampler(s): CHRIS SOLOMON
Phone: 831 422-2290 Fax: 408 784-7165	
Email: STUART@PHASE-1ENVIRONMENTAL.COM	
Work Order #:	17-226887

Analysis Requested

Please refer to the back of this page for completion instructions and method legend.

Sample #	Description	Date Sampled	Time Sampled	8015B FFP	8260 BTEX	6010B SILVER	Sample Matrix: Soil	Sludge	Drinking Water	Ground Waater	Waste Water	Other	Result Request **Surcharge: STD (10 Days) / 5 Day** / 2 Day** / 1 Day**	Notes
WS1	-1 150" GROUND WATER	8/10/17	2:45	X	X					X				
WS2	-2 110"	8/10/17	12:15	X	X		X							
B1	-3 2.5'	8/10/17	12:25	X			X							
B2	-4 2.5'	8/10/17	12:40	X			X							
B3	-5 2.5'	8/10/17	1:00	X			X							
B4	-6 2.5'	8/10/17	1:15	X			X							
B5	-7 2.5'	8/10/17	1:30	X	X	X	X							
B6	-8 2.5'	8/10/17	2:00	X			X							

Comments:

CHK BY GP — DISTRIBUTION — SUB-OUT

Billing

☒ Same as above

Client: _____

Address: _____

City: _____ State _____ Zip _____

Attn: _____

P.O. #: _____

EDF Required? Geotracker ☐ Yes ☐ No

Send Copy to State of CA? (EDT) ☐ Yes ☐ No

Global ID (Needed for EDF): _____

System # (Needed for EDT): _____

	Relinquished By	Date	Time	Received By	Date	Time
1.		8/11/17	1200		8/11/17	1200
2.		8/14/17	1401		8-14-17	1401
3.		8-14-17	1830		8/14/17	1830

REL. 8/14/17 2300 Gurjot Pannu 8/14 2300

Chain of Custody and Cooler Receipt Form for 1722687 Page 2 of 3

BC LABORATORIES INC.	COOLER RECEIPT FORM	Page 2 Of 2
Submission #: 17-226857		

SHIPPING INFORMATION	SHIPPING CONTAINER	FREE LIQUID
Fed Ex ☐ UPS ☐ Ontrac ☐ Hand Delivery ☐ BC Lab Field Service ☒ Other ☐ (Specify)_____	Ice Chest ☒ None ☐ Box ☐ Other ☐ (Specify)_____	YES ☐ NO ☐ (W) / S

Refrigerant: Ice ☒ Blue Ice ☐ None ☐ Other ☐ Comments:

Custody Seals Ice Chest ☐ Intact? Yes ☐ No ☐ Containers ☐ Intact? Yes ☐ No ☐ None ☒ Comments:

All samples received? Yes ☒ No ☐ All samples containers intact? Yes ☒ No ☐ Description(s) match COC? Yes ☒ No ☐

COC Received ☒ YES ☐ NO

Emissivity: 0.98 Container: Amber Thermometer ID: 208 Date/Time 8/14/17 2300

Temperature: (A) 0.4 °C / (C) 0.8 °C Analyst Init RNR

SAMPLE CONTAINERS	SAMPLE NUMBERS									
	1	2	3	4	5	6	7	8	9	10
QT PE UNPRES										
4oz / 8oz / 16oz PE UNPRES										
2oz Cr^{+6}										
QT INORGANIC CHEMICAL METALS										
INORGANIC CHEMICAL METALS 4oz / 8oz / 16oz										
PT CYANIDE										
PT NITROGEN FORMS										
PT TOTAL SULFIDE										
2oz. NITRATE / NITRITE										
PT TOTAL ORGANIC CARBON										
PT CHEMICAL OXYGEN DEMAND										
PtA PHENOLICS										
40ml VOA VIAL TRAVEL BLANK										
40ml VOA VIAL	ABC									
QT EPA 1664										
PT ODOR										
RADIOLOGICAL										
BACTERIOLOGICAL										
40 ml VOA VIAL- 504										
QT EPA 508/608/8080										
QT EPA 515.1/8150										
QT EPA 525										
QT EPA 525 TRAVEL BLANK										
40ml EPA 547										
40ml EPA 531.1										
8oz EPA 548										
QT EPA 549										
QT EPA 8015M	D									
QT EPA 8270										
8oz / 16oz / 32oz AMBER										
8oz / 16oz / 32oz JAR										
SOIL SLEEVE										
PCB VIAL										
PLASTIC BAG										
TEDLAR BAG										
FERROUS IRON										
ENCORE										
SMART KIT										
SUMMA CANISTER										

Comments:_____

Sample Numbering Completed By: RNR Date/Time: 8/15/17 0.10

A = Actual / C = Corrected

Rev 21 05/23/2016

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Chain of Custody and Cooler Receipt Form for 1722687 Page 3 of 3

BC LABORATORIES INC. COOLER RECEIPT FORM Page 2 Of 2

Submission #: 17-226687

SHIPPING INFORMATION
Fed Ex ☐ UPS ☐ Ontrac ☐ Hand Delivery ☐
BC Lab Field Service ☒ Other ☐ (Specify)_____

SHIPPING CONTAINER
Ice Chest ☒ None ☐ Box ☐
Other ☐ (Specify)_____

FREE LIQUID
YES ☐ NO ☐
W / (S)

Refrigerant: Ice ☒ Blue Ice ☐ None ☐ Other ☐ Comments:

Custody Seals Ice Chest ☐ Intact? Yes ☐ No ☐ Containers ☐ Intact? Yes ☐ No ☐ None ☒ Comments:

All samples received? Yes ☒ No ☐ All samples containers intact? Yes ☒ No ☐ Description(s) match COC? Yes ☒ No ☐

COC Received
☒ YES ☐ NO

Emissivity: 0.95 Container: PE Thermometer ID: 208
Temperature: (A) 0.9 °C / (C) 1.2 °C
Date/Time 8/14/17 2300
Analyst Init RNR

SAMPLE CONTAINERS	SAMPLE NUMBERS									
	1	2	3	4	5	6	7	8	9	10
QT PE UNPRES										
4oz / 8oz / 16oz PE UNPRES										
2oz Cr^{+6}										
QT INORGANIC CHEMICAL METALS										
INORGANIC CHEMICAL METALS 4oz / 8oz / 16oz										
PT CYANIDE										
PT NITROGEN FORMS										
PT TOTAL SULFIDE										
2oz. NITRATE / NITRITE										
PT TOTAL ORGANIC CARBON										
PT CHEMICAL OXYGEN DEMAND										
PtA PHENOLICS										
40ml VOA VIAL TRAVEL BLANK										
40ml VOA VIAL										
QT EPA 1664										
PT ODOR										
RADIOLOGICAL										
BACTERIOLOGICAL										
40 ml VOA VIAL- 504										
QT EPA 508/608/8080										
QT EPA 515.1/8150										
QT EPA 525										
QT EPA 525 TRAVEL BLANK										
40ml EPA 547										
40ml EPA 531.1										
8oz EPA 548										
QT EPA 549										
QT EPA 8015M										
QT EPA 8270										
8oz / 16oz / 32oz AMBER										
8oz / 16oz / 32oz JAR										
SOIL SLEEVE x04		A	A	A	A	A	A	A		
PCB VIAL										
PLASTIC BAG										
TEDLAR BAG										
FERROUS IRON										
ENCORE										
SMART KIT										
SUMMA CANISTER										

Comments:
Sample Numbering Completed By: RNR Date/Time: 8/15/17 0:10
A = Actual / C = Corrected

Rev 21 05/23/2016
[S:\WPDoc\WordPerfect\LAB_DOCS\FORMS\SAMREC rev 20]

Phase-1 Environmental Services
5216 Hardwood Road
Silicon Valley Environmental Group
San Jose, CA 95124

Reported: 08/28/2017 11:41
Project: Misc
Project Number: P5-07-28-17 International BDD
Project Manager: Stuart Solomon

Laboratory / Client Sample Cross Reference

Laboratory	Client Sample Information			
1722687-01	**COC Number:**	---	**Receive Date:**	08/14/2017 23:00
	Project Number:	---	**Sampling Date:**	08/10/2017 14:45
	Sampling Location:	---	**Sample Depth:**	---
	Sampling Point:	WS1 150" Ground Water	**Lab Matrix:**	Water
	Sampled By:	Chris Solomon	**Sample Type:**	Groundwater
1722687-02	**COC Number:**	---	**Receive Date:**	08/14/2017 23:00
	Project Number:	---	**Sampling Date:**	08/10/2017 12:15
	Sampling Location:	---	**Sample Depth:**	---
	Sampling Point:	WS2 110"	**Lab Matrix:**	Solids
	Sampled By:	Chris Solomon	**Sample Type:**	Soil
1722687-03	**COC Number:**	---	**Receive Date:**	08/14/2017 23:00
	Project Number:	---	**Sampling Date:**	08/10/2017 12:25
	Sampling Location:	---	**Sample Depth:**	---
	Sampling Point:	B1 2.5'	**Lab Matrix:**	Solids
	Sampled By:	Chris Solomon	**Sample Type:**	Soil
1722687-04	**COC Number:**	---	**Receive Date:**	08/14/2017 23:00
	Project Number:	---	**Sampling Date:**	08/10/2017 12:40
	Sampling Location:	---	**Sample Depth:**	---
	Sampling Point:	B2 2.5'	**Lab Matrix:**	Solids
	Sampled By:	Chris Solomon	**Sample Type:**	Soil
1722687-05	**COC Number:**	---	**Receive Date:**	08/14/2017 23:00
	Project Number:	---	**Sampling Date:**	08/10/2017 13:00
	Sampling Location:	---	**Sample Depth:**	---
	Sampling Point:	B3 2.5'	**Lab Matrix:**	Solids
	Sampled By:	Chris Solomon	**Sample Type:**	Soil
1722687-06	**COC Number:**	---	**Receive Date:**	08/14/2017 23:00
	Project Number:	---	**Sampling Date:**	08/10/2017 13:15
	Sampling Location:	---	**Sample Depth:**	---
	Sampling Point:	B4 2.5'	**Lab Matrix:**	Solids
	Sampled By:	Chris Solomon	**Sample Type:**	Soil
1722687-07	**COC Number:**	---	**Receive Date:**	08/14/2017 23:00
	Project Number:	---	**Sampling Date:**	08/10/2017 13:30
	Sampling Location:	---	**Sample Depth:**	---
	Sampling Point:	B5 2.5'	**Lab Matrix:**	Solids
	Sampled By:	Chris Solomon	**Sample Type:**	Soil

Phase-1 Environmental Services
5216 Hardwood Road
Silicon Valley Environmental Group
San Jose, CA 95124

Reported: 08/28/2017 11:41
Project: Misc
Project Number: P5-07-28-17 International BDD
Project Manager: Stuart Solomon

Laboratory / Client Sample Cross Reference

Laboratory	Client Sample Information			
1722687-08	**COC Number:**	---	**Receive Date:**	08/14/2017 23:00
	Project Number:	---	**Sampling Date:**	08/10/2017 14:00
	Sampling Location:	---	**Sample Depth:**	---
	Sampling Point:	B6 2.5'	**Lab Matrix:**	Solids
	Sampled By:	Chris Solomon	**Sample Type:**	Soil

Phase-1 Environmental Services
5216 Hardwood Road
Silicon Valley Environmental Group
San Jose, CA 95124

Reported: 08/28/2017 11:41
Project: Misc
Project Number: P5-07-28-17 International BDD
Project Manager: Stuart Solomon

Volatile Organic Analysis (EPA Method 8260B)

BCL Sample ID: 1722687-01 | **Client Sample Name:** WS1 150" Ground Water, 8/10/2017 2:45:00PM, Chris Solomon

Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
Benzene	ND	ug/L	5.0	0.83	EPA-8260B	ND	A01	1
Ethylbenzene	ND	ug/L	5.0	0.98	EPA-8260B	ND	A01	1
Toluene	ND	ug/L	5.0	0.93	EPA-8260B	ND	A01	1
Total Xylenes	ND	ug/L	10	3.6	EPA-8260B	ND	A01	1
p- & m-Xylenes	ND	ug/L	5.0	2.8	EPA-8260B	ND	A01	1
o-Xylene	ND	ug/L	5.0	0.82	EPA-8260B	ND	A01	1
1,2-Dichloroethane-d4 (Surrogate)	112	%	75 - 125 (LCL - UCL)		EPA-8260B			1
Toluene-d8 (Surrogate)	97.3	%	80 - 120 (LCL - UCL)		EPA-8260B			1
4-Bromofluorobenzene (Surrogate)	93.0	%	80 - 120 (LCL - UCL)		EPA-8260B			1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-8260B	08/16/17	08/18/17 12:51	JPT	MS-V12	10	B[H1652

Phase-1 Environmental Services
5216 Hardwood Road
Silicon Valley Environmental Group
San Jose, CA 95124

Reported: 08/28/2017 11:41
Project: Misc
Project Number: P5-07-28-17 International BDD
Project Manager: Stuart Solomon

Total Petroleum Hydrocarbons

BCL Sample ID: 1722687-01 | **Client Sample Name:** WS1 150" Ground Water, 8/10/2017 2:45:00PM, Chris Solomon

Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
TPH - Light Naptha	ND	ug/L	1000	400	EPA-8015B/FFP	ND	A01	1
TPH - Aviation Gas	ND	ug/L	1000	400	EPA-8015B/FFP	ND	A01	1
TPH - Stoddard Solvent	ND	ug/L	400	200	EPA-8015B/FFP	ND	A01	1
TPH - Heavy Naptha	ND	ug/L	400	200	EPA-8015B/FFP	ND	A01	1
TPH - Gasoline	**6800**	**ug/L**	**1000**	**400**	**EPA-8015B/FFP**	ND	**A01,A53**	1
TPH - Jet Fuel (JP4)	ND	ug/L	400	200	EPA-8015B/FFP	ND	A01	1
TPH - Jet Fuel (JP5)	ND	ug/L	400	260	EPA-8015B/FFP	ND	A01	1
TPH - Jet Fuel (JP8)	ND	ug/L	400	200	EPA-8015B/FFP	ND	A01	1
TPH - Kerosene	ND	ug/L	400	110	EPA-8015B/FFP	ND	A01	1
TPH - Diesel (FFP)	ND	ug/L	400	68	EPA-8015B/FFP	ND	A01	1
TPH - Fuel Oil #6	ND	ug/L	100	50	EPA-8015B/FFP	ND	A01	1
TPH - Crude Oil	ND	ug/L	1000	280	EPA-8015B/FFP	ND	A01	1
TPH - Hydraulic Oil / Motor Oil	ND	ug/L	1000	130	EPA-8015B/FFP	ND	A01	1
TPH - WD-40	ND	ug/L	400	200	EPA-8015B/FFP	ND	A01	1
Tetracosane (Surrogate)	75.6	%	40 - 140 (LCL - UCL)		EPA-8015B/FFP		A01	1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-8015B/FFP	08/17/17	08/25/17 18:51	AS1	GC-2	2	B[H2154

Phase-1 Environmental Services
5216 Hardwood Road
Silicon Valley Environmental Group
San Jose, CA 95124

Reported: 08/28/2017 11:41
Project: Misc
Project Number: P5-07-28-17 International BDD
Project Manager: Stuart Solomon

Volatile Organic Analysis (EPA Method 8260B)

BCL Sample ID: 1722687-02 | **Client Sample Name:** WS2 110", 8/10/2017 12:15:00PM, Chris Solomon

Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
Benzene	ND	mg/kg	0.0050	0.0013	EPA-8260B	ND		1
Ethylbenzene	ND	mg/kg	0.0050	0.0015	EPA-8260B	ND		1
Toluene	ND	mg/kg	0.0050	0.0012	EPA-8260B	ND		1
Total Xylenes	ND	mg/kg	0.010	0.0034	EPA-8260B	ND		1
p- & m-Xylenes	ND	mg/kg	0.0050	0.0022	EPA-8260B	ND		1
o-Xylene	ND	mg/kg	0.0050	0.0012	EPA-8260B	ND		1
1,2-Dichloroethane-d4 (Surrogate)	109	%	70 - 121 (LCL - UCL)		EPA-8260B			1
Toluene-d8 (Surrogate)	98.6	%	81 - 117 (LCL - UCL)		EPA-8260B			1
4-Bromofluorobenzene (Surrogate)	99.0	%	74 - 121 (LCL - UCL)		EPA-8260B			1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-8260B	08/16/17	08/16/17 10:15	ADC	MS-V3	1	B[H1230

Phase-1 Environmental Services
5216 Hardwood Road
Silicon Valley Environmental Group
San Jose, CA 95124

Reported: 08/28/2017 11:41
Project: Misc
Project Number: P5-07-28-17 International BDD
Project Manager: Stuart Solomon

Total Petroleum Hydrocarbons

BCL Sample ID: 1722687-02 | **Client Sample Name:** WS2 110", 8/10/2017 12:15:00PM, Chris Solomon

Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
TPH - Light Naptha	ND	mg/kg	50	20	EPA-8015B/FFP	ND		1
TPH - Aviation Gas	ND	mg/kg	50	20	EPA-8015B/FFP	ND		1
TPH - Stoddard Solvent	ND	mg/kg	20	5.0	EPA-8015B/FFP	ND		1
TPH - Heavy Naptha	ND	mg/kg	10	5.0	EPA-8015B/FFP	ND		1
TPH - Gasoline	ND	mg/kg	20	5.0	EPA-8015B/FFP	ND		1
TPH - Jet Fuel (JP4)	ND	mg/kg	10	5.0	EPA-8015B/FFP	ND		1
TPH - Jet Fuel (JP5)	ND	mg/kg	10	4.6	EPA-8015B/FFP	ND		1
TPH - Jet Fuel (JP8)	ND	mg/kg	10	5.0	EPA-8015B/FFP	ND		1
TPH - Kerosene	ND	mg/kg	10	1.4	EPA-8015B/FFP	ND		1
TPH - Diesel (FFP)	ND	mg/kg	10	1.2	EPA-8015B/FFP	ND		1
TPH - Fuel Oil #6	ND	mg/kg	10	5.0	EPA-8015B/FFP	ND		1
TPH - Crude Oil	ND	mg/kg	20	2.8	EPA-8015B/FFP	ND		1
TPH - Hydraulic Oil / Motor Oil	ND	mg/kg	20	6.5	EPA-8015B/FFP	ND		1
TPH - WD-40	ND	mg/kg	10	5.0	EPA-8015B/FFP	ND		1
Tetracosane (Surrogate)	80.6	%	30 - 130 (LCL - UCL)		EPA-8015B/FFP			1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-8015B/FFP	08/17/17	08/21/17 12:12	AS1	GC-13	1.017	B[H2485

Phase-1 Environmental Services
5216 Hardwood Road
Silicon Valley Environmental Group
San Jose, CA 95124

Reported: 08/28/2017 11:41
Project: Misc
Project Number: P5-07-28-17 International BDD
Project Manager: Stuart Solomon

Total Petroleum Hydrocarbons

BCL Sample ID: 1722687-03 | **Client Sample Name:** B1 2.5', 8/10/2017 12:25:00PM, Chris Solomon

Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
TPH - Light Naptha	ND	mg/kg	50	20	EPA-8015B/FFP	ND		1
TPH - Aviation Gas	ND	mg/kg	50	20	EPA-8015B/FFP	ND		1
TPH - Stoddard Solvent	ND	mg/kg	20	5.0	EPA-8015B/FFP	ND		1
TPH - Heavy Naptha	ND	mg/kg	10	5.0	EPA-8015B/FFP	ND		1
TPH - Gasoline	ND	mg/kg	20	5.0	EPA-8015B/FFP	ND		1
TPH - Jet Fuel (JP4)	ND	mg/kg	10	5.0	EPA-8015B/FFP	ND		1
TPH - Jet Fuel (JP5)	ND	mg/kg	10	4.6	EPA-8015B/FFP	ND		1
TPH - Jet Fuel (JP8)	ND	mg/kg	10	5.0	EPA-8015B/FFP	ND		1
TPH - Kerosene	ND	mg/kg	10	1.4	EPA-8015B/FFP	ND		1
TPH - Diesel (FFP)	ND	mg/kg	10	1.2	EPA-8015B/FFP	ND		1
TPH - Fuel Oil #6	ND	mg/kg	10	5.0	EPA-8015B/FFP	ND		1
TPH - Crude Oil	ND	mg/kg	20	2.8	EPA-8015B/FFP	ND		1
TPH - Hydraulic Oil / Motor Oil	**8.5**	**mg/kg**	**20**	**6.5**	**EPA-8015B/FFP**	ND	**J**	1
TPH - WD-40	ND	mg/kg	10	5.0	EPA-8015B/FFP	ND		1
Tetracosane (Surrogate)	74.9	%	30 - 130 (LCL - UCL)		EPA-8015B/FFP			1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-8015B/FFP	08/17/17	08/21/17 12:35	AS1	GC-13	0.997	B[H2485

Phase-1 Environmental Services
5216 Hardwood Road
Silicon Valley Environmental Group
San Jose, CA 95124

Reported: 08/28/2017 11:41
Project: Misc
Project Number: P5-07-28-17 International BDD
Project Manager: Stuart Solomon

Total Petroleum Hydrocarbons

BCL Sample ID: 1722687-04 | **Client Sample Name:** B2 2.5', 8/10/2017 12:40:00PM, Chris Solomon

Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
TPH - Light Naptha	ND	mg/kg	50	20	EPA-8015B/FFP	ND		1
TPH - Aviation Gas	ND	mg/kg	50	20	EPA-8015B/FFP	ND		1
TPH - Stoddard Solvent	ND	mg/kg	20	5.0	EPA-8015B/FFP	ND		1
TPH - Heavy Naptha	ND	mg/kg	10	5.0	EPA-8015B/FFP	ND		1
TPH - Gasoline	ND	mg/kg	20	5.0	EPA-8015B/FFP	ND		1
TPH - Jet Fuel (JP4)	ND	mg/kg	10	5.0	EPA-8015B/FFP	ND		1
TPH - Jet Fuel (JP5)	ND	mg/kg	10	4.6	EPA-8015B/FFP	ND		1
TPH - Jet Fuel (JP8)	ND	mg/kg	10	5.0	EPA-8015B/FFP	ND		1
TPH - Kerosene	ND	mg/kg	10	1.4	EPA-8015B/FFP	ND		1
TPH - Diesel (FFP)	ND	mg/kg	10	1.2	EPA-8015B/FFP	ND		1
TPH - Fuel Oil #6	ND	mg/kg	10	5.0	EPA-8015B/FFP	ND		1
TPH - Crude Oil	ND	mg/kg	20	2.8	EPA-8015B/FFP	ND		1
TPH - Hydraulic Oil / Motor Oil	ND	mg/kg	20	6.5	EPA-8015B/FFP	ND		1
TPH - WD-40	ND	mg/kg	10	5.0	EPA-8015B/FFP	ND		1
Tetracosane (Surrogate)	77.0	%	30 - 130 (LCL - UCL)		EPA-8015B/FFP			1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-8015B/FFP	08/17/17	08/21/17 12:57	AS1	GC-13	0.990	B[H2485

Phase-1 Environmental Services
5216 Hardwood Road
Silicon Valley Environmental Group
San Jose, CA 95124

Reported: 08/28/2017 11:41
Project: Misc
Project Number: P5-07-28-17 International BDD
Project Manager: Stuart Solomon

Total Petroleum Hydrocarbons

BCL Sample ID: 1722687-05 | **Client Sample Name:** B3 2.5', 8/10/2017 1:00:00PM, Chris Solomon

Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
TPH - Light Naptha	ND	mg/kg	50	20	EPA-8015B/FFP	ND		1
TPH - Aviation Gas	ND	mg/kg	50	20	EPA-8015B/FFP	ND		1
TPH - Stoddard Solvent	ND	mg/kg	20	5.0	EPA-8015B/FFP	ND		1
TPH - Heavy Naptha	ND	mg/kg	10	5.0	EPA-8015B/FFP	ND		1
TPH - Gasoline	ND	mg/kg	20	5.0	EPA-8015B/FFP	ND		1
TPH - Jet Fuel (JP4)	ND	mg/kg	10	5.0	EPA-8015B/FFP	ND		1
TPH - Jet Fuel (JP5)	ND	mg/kg	10	4.6	EPA-8015B/FFP	ND		1
TPH - Jet Fuel (JP8)	ND	mg/kg	10	5.0	EPA-8015B/FFP	ND		1
TPH - Kerosene	ND	mg/kg	10	1.4	EPA-8015B/FFP	ND		1
TPH - Diesel (FFP)	ND	mg/kg	10	1.2	EPA-8015B/FFP	ND		1
TPH - Fuel Oil #6	ND	mg/kg	10	5.0	EPA-8015B/FFP	ND		1
TPH - Crude Oil	ND	mg/kg	20	2.8	EPA-8015B/FFP	ND		1
TPH - Hydraulic Oil / Motor Oil	ND	mg/kg	20	6.5	EPA-8015B/FFP	ND		1
TPH - WD-40	ND	mg/kg	10	5.0	EPA-8015B/FFP	ND		1
Tetracosane (Surrogate)	71.4	%	30 - 130 (LCL - UCL)		EPA-8015B/FFP			1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-8015B/FFP	08/17/17	08/21/17 13:20	AS1	GC-13	0.993	B[H2485

Phase-1 Environmental Services
5216 Hardwood Road
Silicon Valley Environmental Group
San Jose, CA 95124

Reported: 08/28/2017 11:41
Project: Misc
Project Number: P5-07-28-17 International BDD
Project Manager: Stuart Solomon

Total Petroleum Hydrocarbons

BCL Sample ID: 1722687-06 | **Client Sample Name:** B4 2.5', 8/10/2017 1:15:00PM, Chris Solomon

Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
TPH - Light Naptha	ND	mg/kg	50	20	EPA-8015B/FFP	ND		1
TPH - Aviation Gas	ND	mg/kg	50	20	EPA-8015B/FFP	ND		1
TPH - Stoddard Solvent	ND	mg/kg	20	5.0	EPA-8015B/FFP	ND		1
TPH - Heavy Naptha	ND	mg/kg	10	5.0	EPA-8015B/FFP	ND		1
TPH - Gasoline	ND	mg/kg	20	5.0	EPA-8015B/FFP	ND		1
TPH - Jet Fuel (JP4)	ND	mg/kg	10	5.0	EPA-8015B/FFP	ND		1
TPH - Jet Fuel (JP5)	ND	mg/kg	10	4.6	EPA-8015B/FFP	ND		1
TPH - Jet Fuel (JP8)	ND	mg/kg	10	5.0	EPA-8015B/FFP	ND		1
TPH - Kerosene	ND	mg/kg	10	1.4	EPA-8015B/FFP	ND		1
TPH - Diesel (FFP)	ND	mg/kg	10	1.2	EPA-8015B/FFP	ND		1
TPH - Fuel Oil #6	ND	mg/kg	10	5.0	EPA-8015B/FFP	ND		1
TPH - Crude Oil	ND	mg/kg	20	2.8	EPA-8015B/FFP	ND		1
TPH - Hydraulic Oil / Motor Oil	**13**	**mg/kg**	**20**	**6.5**	**EPA-8015B/FFP**	ND	**J**	1
TPH - WD-40	ND	mg/kg	10	5.0	EPA-8015B/FFP	ND		1
Tetracosane (Surrogate)	69.0	%	30 - 130 (LCL - UCL)		EPA-8015B/FFP			1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-8015B/FFP	08/17/17	08/21/17 13:43	AS1	GC-13	1.010	B[H2485

Phase-1 Environmental Services
5216 Hardwood Road
Silicon Valley Environmental Group
San Jose, CA 95124

Reported: 08/28/2017 11:41
Project: Misc
Project Number: P5-07-28-17 International BDD
Project Manager: Stuart Solomon

Volatile Organic Analysis (EPA Method 8260B)

BCL Sample ID: 1722687-07 | **Client Sample Name:** B5 2.5', 8/10/2017 1:30:00PM, Chris Solomon

Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
Benzene	ND	mg/kg	0.0050	0.0013	EPA-8260B	ND		1
Ethylbenzene	ND	mg/kg	0.0050	0.0015	EPA-8260B	ND		1
Toluene	ND	mg/kg	0.0050	0.0012	EPA-8260B	ND		1
Total Xylenes	ND	mg/kg	0.010	0.0034	EPA-8260B	ND		1
p- & m-Xylenes	ND	mg/kg	0.0050	0.0022	EPA-8260B	ND		1
o-Xylene	ND	mg/kg	0.0050	0.0012	EPA-8260B	ND		1
1,2-Dichloroethane-d4 (Surrogate)	105	%	70 - 121 (LCL - UCL)		EPA-8260B			1
Toluene-d8 (Surrogate)	103	%	81 - 117 (LCL - UCL)		EPA-8260B			1
4-Bromofluorobenzene (Surrogate)	98.9	%	74 - 121 (LCL - UCL)		EPA-8260B			1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-8260B	08/16/17	08/16/17 10:38	ADC	MS-V3	1	B[H1230

Phase-1 Environmental Services
5216 Hardwood Road
Silicon Valley Environmental Group
San Jose, CA 95124

Reported: 08/28/2017 11:41
Project: Misc
Project Number: P5-07-28-17 International BDD
Project Manager: Stuart Solomon

Total Petroleum Hydrocarbons

BCL Sample ID: 1722687-07 | **Client Sample Name:** B5 2.5', 8/10/2017 1:30:00PM, Chris Solomon

Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
TPH - Light Naptha	ND	mg/kg	50	20	EPA-8015B/FFP	ND		1
TPH - Aviation Gas	ND	mg/kg	50	20	EPA-8015B/FFP	ND		1
TPH - Stoddard Solvent	ND	mg/kg	20	5.0	EPA-8015B/FFP	ND		1
TPH - Heavy Naptha	ND	mg/kg	10	5.0	EPA-8015B/FFP	ND		1
TPH - Gasoline	ND	mg/kg	20	5.0	EPA-8015B/FFP	ND		1
TPH - Jet Fuel (JP4)	ND	mg/kg	10	5.0	EPA-8015B/FFP	ND		1
TPH - Jet Fuel (JP5)	ND	mg/kg	10	4.6	EPA-8015B/FFP	ND		1
TPH - Jet Fuel (JP8)	ND	mg/kg	10	5.0	EPA-8015B/FFP	ND		1
TPH - Kerosene	ND	mg/kg	10	1.4	EPA-8015B/FFP	ND		1
TPH - Diesel (FFP)	ND	mg/kg	10	1.2	EPA-8015B/FFP	ND		1
TPH - Fuel Oil #6	ND	mg/kg	10	5.0	EPA-8015B/FFP	ND		1
TPH - Crude Oil	ND	mg/kg	20	2.8	EPA-8015B/FFP	ND		1
TPH - Hydraulic Oil / Motor Oil	ND	mg/kg	20	6.5	EPA-8015B/FFP	ND		1
TPH - WD-40	ND	mg/kg	10	5.0	EPA-8015B/FFP	ND		1
Tetracosane (Surrogate)	77.3	%	30 - 130 (LCL - UCL)		EPA-8015B/FFP			1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-8015B/FFP	08/17/17	08/21/17 14:06	AS1	GC-13	0.997	B[H2485

Phase-1 Environmental Services
5216 Hardwood Road
Silicon Valley Environmental Group
San Jose, CA 95124

Reported: 08/28/2017 11:41
Project: Misc
Project Number: P5-07-28-17 International BDD
Project Manager: Stuart Solomon

Total Concentrations (TTLC)

BCL Sample ID: 1722687-07 | **Client Sample Name:** B5 2.5', 8/10/2017 1:30:00PM, Chris Solomon

Constituent	Result	Units	PQL	MDL	Method	TTLC Limits	Lab Quals	Run #
Silver	ND	mg/kg	0.50	0.067	EPA-6010B	500		1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-6010B	08/23/17	08/24/17 16:25	JCC	PE-OP3	0.917	B[H2416

Phase-1 Environmental Services
5216 Hardwood Road
Silicon Valley Environmental Group
San Jose, CA 95124

Reported: 08/28/2017 11:41
Project: Misc
Project Number: P5-07-28-17 International BDD
Project Manager: Stuart Solomon

Total Petroleum Hydrocarbons

BCL Sample ID: 1722687-08 | **Client Sample Name:** B6 2.5', 8/10/2017 2:00:00PM, Chris Solomon

Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
TPH - Light Naptha	ND	mg/kg	50	20	EPA-8015B/FFP	ND		1
TPH - Aviation Gas	ND	mg/kg	50	20	EPA-8015B/FFP	ND		1
TPH - Stoddard Solvent	ND	mg/kg	20	5.0	EPA-8015B/FFP	ND		1
TPH - Heavy Naptha	ND	mg/kg	10	5.0	EPA-8015B/FFP	ND		1
TPH - Gasoline	ND	mg/kg	20	5.0	EPA-8015B/FFP	ND		1
TPH - Jet Fuel (JP4)	ND	mg/kg	10	5.0	EPA-8015B/FFP	ND		1
TPH - Jet Fuel (JP5)	ND	mg/kg	10	4.6	EPA-8015B/FFP	ND		1
TPH - Jet Fuel (JP8)	ND	mg/kg	10	5.0	EPA-8015B/FFP	ND		1
TPH - Kerosene	ND	mg/kg	10	1.4	EPA-8015B/FFP	ND		1
TPH - Diesel (FFP)	ND	mg/kg	10	1.2	EPA-8015B/FFP	ND		1
TPH - Fuel Oil #6	ND	mg/kg	10	5.0	EPA-8015B/FFP	ND		1
TPH - Crude Oil	ND	mg/kg	20	2.8	EPA-8015B/FFP	ND		1
TPH - Hydraulic Oil / Motor Oil	**24**	**mg/kg**	**20**	**6.5**	**EPA-8015B/FFP**	ND		1
TPH - WD-40	ND	mg/kg	10	5.0	EPA-8015B/FFP	ND		1
Tetracosane (Surrogate)	68.1	%	30 - 130 (LCL - UCL)		EPA-8015B/FFP			1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-8015B/FFP	08/17/17	08/21/17 15:55	AS1	GC-13	1.014	B[H2485

Phase-1 Environmental Services
5216 Hardwood Road
Silicon Valley Environmental Group
San Jose, CA 95124

Reported: 08/28/2017 11:41
Project: Misc
Project Number: P5-07-28-17 International BDD
Project Manager: Stuart Solomon

Volatile Organic Analysis (EPA Method 8260B)

Quality Control Report - Method Blank Analysis

Constituent	QC Sample ID	MB Result	Units	PQL	MDL	Lab Quals
QC Batch ID: B[H1230						
Benzene	B[H1230-BLK1	ND	mg/kg	0.0050	0.0013	
Ethylbenzene	B[H1230-BLK1	ND	mg/kg	0.0050	0.0015	
Toluene	B[H1230-BLK1	ND	mg/kg	0.0050	0.0012	
Total Xylenes	B[H1230-BLK1	ND	mg/kg	0.010	0.0034	
p- & m-Xylenes	B[H1230-BLK1	ND	mg/kg	0.0050	0.0022	
o-Xylene	B[H1230-BLK1	ND	mg/kg	0.0050	0.0012	
1,2-Dichloroethane-d4 (Surrogate)	**B[H1230-BLK1**	**101**	%	**70 - 121 (LCL - UCL)**		
Toluene-d8 (Surrogate)	**B[H1230-BLK1**	**101**	%	**81 - 117 (LCL - UCL)**		
4-Bromofluorobenzene (Surrogate)	**B[H1230-BLK1**	**101**	%	**74 - 121 (LCL - UCL)**		
QC Batch ID: B[H1652						
Benzene	B[H1652-BLK1	ND	ug/L	0.50	0.083	
Ethylbenzene	B[H1652-BLK1	ND	ug/L	0.50	0.098	
Toluene	B[H1652-BLK1	ND	ug/L	0.50	0.093	
Total Xylenes	B[H1652-BLK1	ND	ug/L	1.0	0.36	
p- & m-Xylenes	B[H1652-BLK1	ND	ug/L	0.50	0.28	
o-Xylene	B[H1652-BLK1	ND	ug/L	0.50	0.082	
1,2-Dichloroethane-d4 (Surrogate)	**B[H1652-BLK1**	**109**	%	**75 - 125 (LCL - UCL)**		
Toluene-d8 (Surrogate)	**B[H1652-BLK1**	**94.0**	%	**80 - 120 (LCL - UCL)**		
4-Bromofluorobenzene (Surrogate)	**B[H1652-BLK1**	**108**	%	**80 - 120 (LCL - UCL)**		

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Volatile Organic Analysis (EPA Method 8260B)

Quality Control Report - Laboratory Control Sample

Constituent	QC Sample ID	Type	Result	Spike Level	Units	Percent Recovery	RPD	Control Limits Percent Recovery	Control Limits RPD	Lab Quals
QC Batch ID: B[H1230										
Benzene	B[H1230-BS1	LCS	0.14150	0.12500	mg/kg	113		70 - 130		
Toluene	B[H1230-BS1	LCS	0.12491	0.12500	mg/kg	99.9		70 - 130		
1,2-Dichloroethane-d4 (Surrogate)	B[H1230-BS1	LCS	0.046970	0.050000	mg/kg	93.9		70 - 121		
Toluene-d8 (Surrogate)	B[H1230-BS1	LCS	0.050560	0.050000	mg/kg	101		81 - 117		
4-Bromofluorobenzene (Surrogate)	B[H1230-BS1	LCS	0.049570	0.050000	mg/kg	99.1		74 - 121		
QC Batch ID: B[H1652										
Benzene	B[H1652-BS1	LCS	21.060	25.000	ug/L	84.2		70 - 130		
Toluene	B[H1652-BS1	LCS	22.810	25.000	ug/L	91.2		70 - 130		
1,2-Dichloroethane-d4 (Surrogate)	B[H1652-BS1	LCS	9.1300	10.000	ug/L	91.3		75 - 125		
Toluene-d8 (Surrogate)	B[H1652-BS1	LCS	9.8800	10.000	ug/L	98.8		80 - 120		
4-Bromofluorobenzene (Surrogate)	B[H1652-BS1	LCS	11.260	10.000	ug/L	113		80 - 120		

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Volatile Organic Analysis (EPA Method 8260B)

Quality Control Report - Precision & Accuracy

Constituent	Type	Source Sample ID	Source Result	Result	Spike Added	Units	RPD	Percent Recovery	Control Limits RPD	Control Limits Percent Recovery	Lab Quals
QC Batch ID: B[H1230	Used client sample: N										
Benzene	MS	1721660-08	ND	0.10350	0.12500	mg/kg		82.8		70 - 130	
	MSD	1721660-08	ND	0.11266	0.12500	mg/kg	8.5	90.1	20	70 - 130	
Toluene	MS	1721660-08	ND	0.099840	0.12500	mg/kg		79.9		70 - 130	
	MSD	1721660-08	ND	0.099230	0.12500	mg/kg	0.6	79.4	20	70 - 130	
1,2-Dichloroethane-d4 (Surrogate)	MS	1721660-08	ND	0.049540	0.050000	mg/kg		99.1		70 - 121	
	MSD	1721660-08	ND	0.051100	0.050000	mg/kg	3.1	102		70 - 121	
Toluene-d8 (Surrogate)	MS	1721660-08	ND	0.050340	0.050000	mg/kg		101		81 - 117	
	MSD	1721660-08	ND	0.050940	0.050000	mg/kg	1.2	102		81 - 117	
4-Bromofluorobenzene (Surrogate)	MS	1721660-08	ND	0.050990	0.050000	mg/kg		102		74 - 121	
	MSD	1721660-08	ND	0.048600	0.050000	mg/kg	4.8	97.2		74 - 121	
QC Batch ID: B[H1652	Used client sample: N										
Benzene	MS	1722106-28	ND	21.190	25.000	ug/L		84.8		70 - 130	
	MSD	1722106-28	ND	20.430	25.000	ug/L	3.7	81.7	20	70 - 130	
Toluene	MS	1722106-28	ND	22.810	25.000	ug/L		91.2		70 - 130	
	MSD	1722106-28	ND	22.150	25.000	ug/L	2.9	88.6	20	70 - 130	
1,2-Dichloroethane-d4 (Surrogate)	MS	1722106-28	ND	9.2000	10.000	ug/L		92.0		75 - 125	
	MSD	1722106-28	ND	8.5500	10.000	ug/L	7.3	85.5		75 - 125	
Toluene-d8 (Surrogate)	MS	1722106-28	ND	9.7100	10.000	ug/L		97.1		80 - 120	
	MSD	1722106-28	ND	9.5100	10.000	ug/L	2.1	95.1		80 - 120	
4-Bromofluorobenzene (Surrogate)	MS	1722106-28	ND	11.780	10.000	ug/L		118		80 - 120	
	MSD	1722106-28	ND	11.830	10.000	ug/L	0.4	118		80 - 120	

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Total Petroleum Hydrocarbons

Quality Control Report - Method Blank Analysis

Constituent	QC Sample ID	MB Result	Units	PQL	MDL	Lab Quals
QC Batch ID: B[H2154						
TPH - Light Naptha	B[H2154-BLK1	ND	ug/L	500	200	
TPH - Aviation Gas	B[H2154-BLK1	ND	ug/L	500	200	
TPH - Stoddard Solvent	B[H2154-BLK1	ND	ug/L	200	100	
TPH - Heavy Naptha	B[H2154-BLK1	ND	ug/L	200	100	
TPH - Gasoline	B[H2154-BLK1	ND	ug/L	500	200	
TPH - Jet Fuel (JP4)	B[H2154-BLK1	ND	ug/L	200	100	
TPH - Jet Fuel (JP5)	B[H2154-BLK1	ND	ug/L	200	130	
TPH - Jet Fuel (JP8)	B[H2154-BLK1	ND	ug/L	200	100	
TPH - Kerosene	B[H2154-BLK1	ND	ug/L	200	57	
TPH - Diesel (FFP)	B[H2154-BLK1	ND	ug/L	200	34	
TPH - Fuel Oil #6	B[H2154-BLK1	ND	ug/L	50	25	
TPH - Crude Oil	B[H2154-BLK1	ND	ug/L	500	140	
TPH - Hydraulic Oil / Motor Oil	B[H2154-BLK1	ND	ug/L	500	66	
TPH - WD-40	B[H2154-BLK1	ND	ug/L	200	100	
Tetracosane (Surrogate)	**B[H2154-BLK1**	**79.0**	%	**40 - 140 (LCL - UCL)**		
QC Batch ID: B[H2485						
TPH - Light Naptha	B[H2485-BLK1	ND	mg/kg	50	20	
TPH - Aviation Gas	B[H2485-BLK1	ND	mg/kg	50	20	
TPH - Stoddard Solvent	B[H2485-BLK1	ND	mg/kg	20	5.0	
TPH - Heavy Naptha	B[H2485-BLK1	ND	mg/kg	10	5.0	
TPH - Gasoline	B[H2485-BLK1	ND	mg/kg	20	5.0	
TPH - Jet Fuel (JP4)	B[H2485-BLK1	ND	mg/kg	10	5.0	
TPH - Jet Fuel (JP5)	B[H2485-BLK1	ND	mg/kg	10	4.6	
TPH - Jet Fuel (JP8)	B[H2485-BLK1	ND	mg/kg	10	5.0	
TPH - Kerosene	B[H2485-BLK1	ND	mg/kg	10	1.4	
TPH - Diesel (FFP)	B[H2485-BLK1	ND	mg/kg	10	1.2	
TPH - Fuel Oil #6	B[H2485-BLK1	ND	mg/kg	10	5.0	
TPH - Crude Oil	B[H2485-BLK1	ND	mg/kg	20	2.8	
TPH - Hydraulic Oil / Motor Oil	B[H2485-BLK1	ND	mg/kg	20	6.5	
TPH - WD-40	B[H2485-BLK1	ND	mg/kg	10	5.0	
Tetracosane (Surrogate)	**B[H2485-BLK1**	**73.1**	%	**30 - 130 (LCL - UCL)**		

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Total Petroleum Hydrocarbons

Quality Control Report - Laboratory Control Sample

Constituent	QC Sample ID	Type	Result	Spike Level	Units	Percent Recovery	RPD	Control Limits Percent Recovery	Control Limits RPD	Lab Quals
QC Batch ID: B[H2154										
TPH - Diesel (FFP)	B[H2154-BS1	LCS	1818.9	2500.0	ug/L	72.8		52 - 128		
Tetracosane (Surrogate)	B[H2154-BS1	LCS	75.360	100.04	ug/L	75.3		40 - 140		
QC Batch ID: B[H2485										
TPH - Diesel (FFP)	B[H2485-BS1	LCS	64.040	83.333	mg/kg	76.8		64 - 124		
Tetracosane (Surrogate)	B[H2485-BS1	LCS	2.5907	3.3347	mg/kg	77.7		30 - 130		

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Total Petroleum Hydrocarbons

Quality Control Report - Precision & Accuracy

Constituent	Type	Source Sample ID	Source Result	Result	Spike Added	Units	RPD	Percent Recovery	Control Limits RPD	Control Limits Percent Recovery	Lab Quals
QC Batch ID: B[H2154	Used client sample: N										
TPH - Diesel (FFP)	MS	1722106-43	ND	1990.7	2500.0	ug/L		79.6		50 - 127	
	MSD	1722106-43	ND	1979.0	2500.0	ug/L	0.6	79.2	24	50 - 127	
Tetracosane (Surrogate)	MS	1722106-43	ND	79.690	100.04	ug/L		79.7		40 - 140	
	MSD	1722106-43	ND	79.435	100.04	ug/L	0.3	79.4		40 - 140	
QC Batch ID: B[H2485	Used client sample: Y - Description: B1 2.5', 08/10/2017 12:25										
TPH - Diesel (FFP)	MS	1722687-03	ND	61.616	83.333	mg/kg		73.9		52 - 131	
	MSD	1722687-03	ND	63.068	83.056	mg/kg	2.3	75.9	30	52 - 131	
Tetracosane (Surrogate)	MS	1722687-03	ND	2.4268	3.3347	mg/kg		72.8		30 - 130	
	MSD	1722687-03	ND	2.4593	3.3236	mg/kg	1.3	74.0		30 - 130	

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Total Concentrations (TTLC)

Quality Control Report - Method Blank Analysis

Constituent	QC Sample ID	MB Result	Units	PQL	MDL	Lab Quals
QC Batch ID: B[H2416						
Silver	B[H2416-BLK1	ND	mg/kg	0.50	0.067	

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Total Concentrations (TTLC)

Quality Control Report - Laboratory Control Sample

Constituent	QC Sample ID	Type	Result	Spike Level	Units	Percent Recovery	RPD	Control Limits Percent Recovery	Control Limits RPD	Lab Quals
QC Batch ID: B[H2416										
Silver	B[H2416-BS1	LCS	9.1877	10.000	mg/kg	91.9		75 - 125		

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Total Concentrations (TTLC)

Quality Control Report - Precision & Accuracy

Constituent	Type	Source Sample ID	Source Result	Result	Spike Added	Units	RPD	Percent Recovery	Control Limits RPD	Control Limits Percent Recovery	Lab Quals
QC Batch ID: B[H2416	Used client sample: N										
Silver	DUP	1722556-06	ND	ND		mg/kg			20		
	MS	1722556-06	ND	8.5123	10.000	mg/kg		85.1		75 - 125	
	MSD	1722556-06	ND	8.3923	10.000	mg/kg	1.4	83.9	20	75 - 125	

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Notes And Definitions

J	Estimated Value (CLP Flag)
MDL	Method Detection Limit
ND	Analyte Not Detected
PQL	Practical Quantitation Limit
A01	Detection and quantitation limits are raised due to sample dilution.
A53	Chromatogram not typical of gasoline.

Alameda County Public Works Agency - Water Resources Well Permit

Public Works Agency
Alameda County

399 Elmhurst Street
Hayward, CA 94544-1395
Telephone: (510)670-6633 Fax:(510)782-1939

Application Approved on: 08/11/2017 By jamesy

Permit Numbers: W2017-0640
Permits Valid from 08/18/2017 to 08/18/2017

Application Id:	1502137482960	**City of Project Site:** Oakland
Site Location:	255 International Blvd., Oakland, CA 94606 Building and Lot	
Project Start Date:	08/18/2017	**Completion Date:** 08/18/2017
Assigned Inspector:	Contact Marcelino Vialpando at (510) 670-5760 or Marcelino@acpwa.org	
Applicant:	Phase-1 Environmental Services - Stuart Solomon 5216 Harwood Road, San Jose, CA 95124	**Phone:** 408-406-3850
Property Owner:	Raymond Zhang 229 International Blvd., Oakland, CA 94606	**Phone:** 415-671-9932
Client:	Raymond Zhang 229 International Blvd., Oakland, CA 94606	**Phone:** 415-671-9932
Contact:	Chris Solomon	**Phone:** 831-422-2290 **Cell:** 408-406-0833

Total Due: $265.00
Receipt Number: WR2017-0374 **Total Amount Paid:** $265.00
Payer Name : Stuart Solomon Paid By: VISA **PAID IN FULL**

Works Requesting Permits:

Borehole(s) for Investigation-Contamination Study - 8 Boreholes
Driller: Environmental Restoration Services - Lic #: 589652 - Method: Hand **Work Total: $265.00**

Specifications

Permit Number	Issued Dt	Expire Dt	# Boreholes	Hole Diam	Max Depth
W2017-0640	08/11/2017	11/16/2017	8	3.00 in.	10.00 ft

Specific Work Permit Conditions

1. Backfill bore hole by tremie with cement grout or cement grout/sand mixture. Upper two-three feet replaced in kind or with compacted cuttings. All cuttings remaining or unused shall be containerized and hauled off site. The containers shall be clearly labeled to the ownership of the container and labeled hazardous or non-hazardous.

2. Boreholes shall not be left open for a period of more than 24 hours. All boreholes left open more than 24 hours will need approval from Alameda County Public Works Agency, Water Resources Section. All boreholes shall be backfilled according to permit destruction requirements and all concrete material and asphalt material shall be to Caltrans Spec or County/City Codes. No borehole(s) shall be left in a manner to act as a conduit at any time.

3. Permittee shall assume entire responsibility for all activities and uses under this permit and shall indemnify, defend and save the Alameda County Public Works Agency, its officers, agents, and employees free and harmless from any and all expense, cost, liability in connection with or resulting from the exercise of this Permit including, but not limited to, properly damage, personal injury and wrongful death.

4. Prior to any drilling activities, it shall be the applicant's responsibility to contact and coordinate an Underground Service Alert (USA), obtain encroachment permit(s), excavation permit(s) or any other permits or agreements required for that Federal, State, County or City, and follow all City or County Ordinances. No work shall begin until all the permits and requirements have been approved or obtained. It shall also be the applicants responsibilities to provide to the Cities

or to Alameda County an Traffic Safety Plan for any lane closures or detours planned. No work shall begin until all the permits and requirements have been approved or obtained.

5. Applicant shall contact assigned inspector listed on the top of the permit at least five (5) working days prior to starting, once the permit has been approved. Confirm the scheduled date(s) at least 24 hours prior to drilling.

6. Copy of approved drilling permit must be on site at all times. Failure to present or show proof of the approved permit application on site shall result in a fine of $500.00.

7. Electronic Reporting Regulations (Chapter 30, Division 3 of Title 23 & Division 3 of Title 27, CCR) require electronic submission of any report or data required by a regulatory agency from a cleanup site. Submission dates are set by a Regional Water Board or by a regulatory agency. Once a report/data is successfully uploaded, as required, you have met the reporting requirement (i.e. the compliance measure for electronic submittals is the actual upload itself). The upload date should be on or prior to the regulatory due date.

8. NOTE:
Under California laws, the owner/operator are responsible for reporting the contamination to the governmental regulatory agencies under Section 25295(a). The owner/operator is liable for civil penalties under Section 25299(a)(4) and criminal penalties under Section 25299(d) for failure to report a leak. The owner/operator is liable for civil penalties under Section 25299(b)(4) for knowing failure to ensure compliance with the law by the operator. These penalty provisions do not apply to a potential buyer.

9. Permit is valid only for the purpose specified herein. No changes in construction procedures, as described on this permit application. Boreholes shall not be converted to monitoring wells, without a permit application process.