PARTNER
Engineering and Science, Inc.®

ADDITIONAL SUBSURFACE INVESTIGATION REPORT

1919 Market Street
Oakland, California 94607

May 2, 2016
Partner Project Number: 16-155080.3

Prepared for:

Crown Capital Commercial Corporation
540 Pacific Avenue
San Francisco, California 94133

Engineers who understand your business

PARTNER
Engineering and Science, Inc.

May 2, 2016

Mr. Michael Yancy
Crown Capital Commercial Corporation
540 Pacific Avenue
San Francisco, California 94133

Subject: Additional Subsurface Investigation Report
1919 Market Street
Oakland, California 94607
Partner Project Number: 16-155080.3

Dear Mr. Yancey:

Partner Engineering and Science, Inc. (Partner) is pleased to provide the results of the assessment performed on the above-referenced property. The following report describes the field activities, methods, and findings of the Additional Subsurface Investigation conducted at the above-referenced property.

This assessment was performed utilizing methods and procedures consistent with good commercial or customary practices designed to conform to acceptable industry standards. The independent conclusions represent Partner's best professional judgment based upon existing conditions and the information and data available to us during the course of this assignment.

We appreciate the opportunity to provide these services. If you have any questions concerning this report, or if we can assist you in any other matter, please contact Jay Grenfell at (415) 992-3755.

Sincerely,

Partner Engineering and Science, Inc.

Sincerely,

Joe Mangine, PG
Project Geologist

Samantha J. Fujita, PG
Regional Manager – Subsurface Investigation

Jay Grenfell
National Client Manager

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ATTACHMENTS

1.0 INTRODUCTION

1.1 Purpose

The purpose of the investigation was to further evaluate the impact of volatile organic compounds (VOCs) to soil, soil gas, and/or groundwater as a consequence of a release or releases in the former painting and bus repair areas. Crown Capital Commercial Corporation provided project authorization of Partner Proposal Number P16-155080.3.

1.2 Limitations

This report presents a summary of work conducted by Partner. The work includes observations of site conditions encountered and the analytical results provided by an independent third party laboratory of samples collected during the course of the project. The number and location of samples were selected to provide the required information. However, it cannot be assumed that the limited available data are representative of subsurface conditions in areas not sampled.

Conclusions and/or recommendations are based on the observations, laboratory analyses, and the governing regulations. Conclusions and/or recommendations beyond those stated and reported herein should not be inferred from this document.

Partner warrants that the environmental consulting services contained herein were accomplished in accordance with generally-accepted practices in the environmental engineering, geology, and hydrogeology fields that existed at the time and location of work. No other warranties are implied or expressed.

1.3 User Reliance

Partner was engaged by Crown Capital Commercial Corporation (the Addressee), or their authorized representative, to perform this investigation. The engagement agreement specifically states the scope and purpose of the investigation, as well as the contractual obligations and limitations of both parties. This report and the information therein, are for the exclusive use of the Addressee. This report has no other purpose and may not be relied upon, or used, by any other person or entity without the written consent of Partner. Third parties that obtain this report, or the information therein, shall have no rights of recourse or recovery against Partner, its officers, employees, vendors, successors or assigns. Any such unauthorized user shall be responsible to protect, indemnify and hold Partner, the Addressee and their respective officers, employees, vendors, successors and assigns harmless from any and all claims, damages, losses, liabilities, expenses (including reasonable attorneys' fees) and costs attributable to such use. Unauthorized use of this report shall constitute acceptance of, and commitment to, these responsibilities, which shall be irrevocable and shall apply regardless of the cause of action or legal theory pled or asserted.

This report has been completed under specific Terms and Conditions relating to scope, relying parties, limitations of liability, indemnification, dispute resolution, and other factors relevant to any reliance on this report. Any parties relying on this report do so having accepted the Terms and Conditions for which this report was completed.

2.0 SITE BACKGROUND

2.1 Site Description

The subject property consists of three parcels of land comprising 1.457 acres located on the west side of Market Street and the east side of Myrtle Street within a mixed residential and commercial area of Alameda County, California. The subject property is currently developed with one building, which was constructed in 1923 and is currently unoccupied with no on-site operations. In addition to the structure, the subject property is improved with asphalt-paved parking, perimeter fencing, and associated drainage features.

The subject property is bound by residential housing to the north, Market Street to the east beyond which is residential housing, St. John Missionary Baptist Church and residential housing to the south, and Myrtle Street to the west beyond which is residential housing. Refer to Figure 1 for a site plan showing site features and surrounding properties.

2.2 Site History

Partner completed a *Phase I Environmental Site Assessment* (Phase I) Report, dated February 25, 2016, prepared on behalf of Crown Capital Commercial Corporation. Based on the information reviewed and the site reconnaissance, the subject property was formerly developed with residential housing between 1902 and 1923; developed with the current structure in 1923; and converted to residential use in 2002. Tenants at the subject property include Pacific Greyhound Lines (1923-1960), Scott Company contractor's equipment warehouse (1957-1990); various small office tenants (1995-2005) and live/work tenants (2002-Present).

The following recognized environmental condition (REC) was identified during the Phase I:

- According to records reviewed, the subject property was listed as a closed Leaking Underground Storage Tank (LUST) case. The property was formerly equipped with two 10,000-gallon USTs, located within the sidewalk to the west of the subject property building, along Myrtle Street. The USTs were reportedly used by Greyhound Bus Lines to store diesel prior to the 1960s. The property was occupied by Scott Company starting as early as 1957, who reportedly used the southwest UST to store gasoline. A former fuel dispenser was reportedly located on the southwest portion of the property, near the corner of the subject property building. The USTs and dispenser were removed in the early 1980s at a time when Myrtle Street was being repaved.

  In June 1992, a subsurface investigation was conducted to assess potential impacts from the former USTs. Five soil borings (IB-1 through IB-5) were advanced throughout the property, with three inside the building and two in the southern parking lot. Soil samples were collected at five-foot intervals. During the course of sampling, free product was observed in groundwater within IB-4, located near the former fuel dispenser. In July 1992, five groundwater monitoring wells (MW-1 through MW-5) were installed to further assess potential impacts to the subsurface. Soil and groundwater samples were analyzed for total petroleum hydrocarbons as gasoline (TPH-g), motor oil (TPH-mo), and diesel (TPH-d), and for benzene, toluene, ethylbenzene, and xylenes (BTEX). Soil samples revealed maximum concentrations of TPH-g, TPH-d, and TPH-mo at 430, 1,200, and 61 parts per million (ppm), respectively. No other contaminants of concern were found in detectable concentrations.

These maximum concentrations were taken from MW-1 and MW-2, located downgradient from the former USTs. Groundwater samples revealed maximum concentrations of TPH-g, benzene, toluene, xylenes, and ethylbenzene at 2,800, 120, 150, 340, and 7.5 parts per billion (ppb), respectively. No other contaminants of concern were found in detectable concentrations.

In November 1992, four additional soil borings (IB-1 through IB-4), were advanced to define the lateral extent of impacts. Soil samples contained up to 87 ppm TPH-g and 300 ppm TPH-d. In June 1993, four additional borings (IB-5 through IB-8) were advanced to assess vadose zone soils further downgradient from previous boring locations. Elevated levels of TPH-g were encountered in borings IB-7 and IB-8, at 560 and 160 ppm, respectively. No other contaminants of concern were found in detectable concentrations.

Groundwater monitoring continued through May 1998, at which time concentrations of TPH-g, benzene, xylenes, and ethylbenzene were detected at 1,700, 8.8, 22, and 9.9 ppb, respectively. No other contaminants of concern were found in detectable concentrations.

On May 7, 1999, the site received closure via Letter of No Further Action from the Alameda County Department of Environmental Health (ACEH). A clause was included in the NFA Letter, stating that "Corrective action should be reviewed if land use changes." At the time of the decision, according to city directory review, the subject property was occupied as a contracting warehouse, and tenants included various commercial contractors. Most recently, the subject property is occupied by live/work tenants for both commercial and residential use. According to available information, the subject property is planned for future residential use. Partner contacted the ACEH to verify whether they had been notified during the original change in land use. According to ACEH, no such notification had been made.

Partner was provided with results of a recent sub-slab soil gas investigation conducted at the subject property by Pangea Environmental Services, Inc. (Pangea) in February 2016. Two sub-slab soil gas samples were collected from locations adjacent to the former UST area. Benzene and naphthalene were detected at maximum concentrations of 43 micrograms per cubic meter (µg/m^3) and 5.3 µg/m^3, respectively.

Due to residual impacts encountered during the groundwater sampling event in 1998, the conditions of site closure for commercial use as documented in the ACEH NFA Letter and plans for residential use, as well as the results of the recent sub-slab soil gas sampling, the former release with residual impacts left in place, and presence of benzene in sub-slab soil gas samples, in combination with the change to residential land use, represented a REC.

The following environmental issue was identified during the Phase I:

- According to the review of historical sources, the subject property was formerly occupied by Greyhound Bus Lines and a plumbing contractor warehouse, which included on-site operations such as motor repair and painting. Although hazardous substances and petroleum products were likely associated with the former operations conducted on the subject property, no evidence of improper storage or handling of these materials was reported to the local regulatory agencies. No floor drains, staining, or evidence of a release was observed during the site reconnaissance. Additionally, three soil borings were advanced within the subject property building in former

maintenance and storage areas during a subsurface investigation conducted in 1992. Analytical results of soil samples revealed no detectable concentrations of total petroleum TPH-g, TPH-d, TPH-mo or BTEX above laboratory reporting limits. Based on the lack of identified drains, pits or sumps and the analytical results of the soil sampling in this area which did not identify any impacts to soils, the historical bus maintenance activities at the subject property were not expected to represent a significant environmental concern.

In March 2016, Partner performed a Phase II Subsurface Investigation (Phase II) at the subject property to evaluate the potential impact of petroleum hydrocarbons and/or VOCs in soil gas as a consequence of a release or releases from the former UST, bus repair, and painting areas. The scope of the Phase II included the installation of three temporary sub-slab soil gas probes (SS-3 through SS-5) to facilitate the collection and analysis of soil gas samples. Benzene was detected in soil gas sample SS-4, located in the former painting area in the northwest portion of the subject property, at a concentration of 140 µg/m3, which exceeded the applicable residential San Francisco Bay Regional Water Quality Control Board (SFBRWQCB) Environmental Screening Level (ESL) of 48 µg/m3. Based on the results of the Phase II Subsurface Investigation, Partner recommended additional investigation to further evaluate VOC impacts beneath the subject property.

2.3 Geology and Hydrogeology

Based on a review of the United States Geological Survey (USGS) *Oakland West, California* Quadrangle 7.5-minute series topographic map, the subject property is situated at an elevation approximately 25 feet above mean sea level, and the local topography is sloping gently to the west. Refer to Figure 2 for a topographic map of the site vicinity.

The subject property is situated within the Coast Range physiographic province of the State of California. The Coast Ranges are northwest-trending mountain ranges and narrow valleys, extending approximately 600 miles from the Oregon Border to the Santa Ynez River near Santa Barbara, sub-parallel to the Pacific coast and San Andreas Fault. Structural features including faults and synclinal folds largely control topography in the province and reflect both previous and existing regional tectonic regimes. The Coast Ranges are comprised of Mesozoic and Cenozoic aged sedimentary strata, dominated by the Franciscan Complex within the subject property vicinity.

Based on boring advanced during this investigation, the underlying subsurface consists predominantly of sand and clay mixtures from ground surface to 12 feet bgs, silty sand from 12 to 15 feet bgs, and silty clay from 15 to 20 feet bgs. Refer to Appendix A for boring logs from this investigation.

Static groundwater was encountered during this investigation at approximately 6.5 to 15 feet bgs. According to previous site data, shallow groundwater flows to the northwest.

3.0 FIELD ACTIVITIES

Refer to Table 1 for a summary of the borings, sampling schedule and laboratory analyses for this investigation. The scope of the Additional Subsurface Investigation included the advancement of five borings (B1 through B5) to facilitate the collection and analysis of soil, soil gas, and or groundwater samples.

3.1 Preparatory Activities

Prior to the initiation of fieldwork, Partner completed the following activities.

3.1.1 Utility Clearance

Partner delineated the work area with white spray paint and notified Underground Service Alert North (USAN) to clear public utility lines as required by law at least 48 hours prior to drilling activities. USAN issued ticket number 171457 for the project.

3.1.2 Permitting

Prior to drilling, Partner secured Well Permit Number W2016-0242 from the Alameda County Public Works Agency (ACPWA) for drilling and grab groundwater sampling. Refer to Appendix B for a copy of the permit acquired for this investigation.

3.1.3 Health and Safety Plan

Partner reviewed the site-specific Health and Safety Plan with on-site personnel involved in the project prior to the commencement of drilling activities.

3.2 Drilling Equipment

On April 11, 2016, Partner subcontracted with EnProbe, Inc. (State of California Water Well Drilling Contractor License Number 1012248) to provide and operate drilling equipment. EnProbe, under the direction of Partner, advanced boring B1 with a truck-mounted Geoprobe Model 5410 direct push rig, and advanced borings, B2, B3, and B4 with a limited-access Geoprobe Model 540MT direct push rig. Sampling equipment was decontaminated between sample intervals and boring locations to prevent cross-contamination.

3.3 Boring Locations

Borings B1 and B2 were advanced down-gradient (west and northwest, respectively) of previous sub-slab soil gas sample SS-4 in the former painting area. Boring B3 was advanced adjacent to SS-4 in the former painting area. Borings B4 and B5 were advanced in the western portion of the former bus repair area. Refer to Figures 3 and 4 for a map indicating boring locations.

3.4 Soil Sampling

Borings B1 through B4 were overlain by concrete, which was penetrated using a concrete coring attachment advanced by the direct-push drill rig. Borings B1 through B4 were advanced to a terminal depth of 16 feet bgs. Boring B5 was advanced to a terminal depth of 20 feet bgs.

Soil samples were collected using a four-foot long by two-inch diameter MacroCore sampler with a four-foot long acetate liner, which was advanced by the direct-push drill rig using four-foot long by 1.5-inch diameter drill rods. The sampler was driven into the subsurface to allow undisturbed soil to enter the open MacroCore barrel and retrieved in four-foot intervals to recover the soil-filled liners.

Samples were prepared for laboratory analysis by cutting an approximately six-inch long section of the liner using a hacksaw. The liner section was capped on either end with Teflon tape and plastic caps, labeled for identification, and stored in an iced cooler. The soil samples were visually inspected for discoloration, monitored for odors, and classified in accordance with the Unified Soil Classification System (USCS). None of the collected soil samples appeared to exhibit discoloration or an odor.

Soil samples were collected from each boring at two or three feet bgs and in five-foot intervals from five feet bgs to the terminal depth.

3.5 Groundwater Sampling

After soil sampling to the terminal depth, the drill rods were withdrawn from the subsurface and a disposable bailer was lowered into the open borehole. Groundwater samples were retrieved from each borehole and conveyed into three hydrochloric acid-preserved VOA vials. Each vial was filled with no observable headspace or air bubbles to minimize the potential for volatilization, labeled for identification, and stored in an iced cooler. A new bailer was used for each borehole.

Groundwater samples were collected from borings B1, B2, B3, and B5. Groundwater was not encountered in boring B4.

3.6 Soil Gas Sampling

3.6.1 Soil Gas Probe Construction

Soil gas probes screened at five feet bgs were constructed within the boreholes upon completion of soil and groundwater sampling. Boreholes were backfilled with hydrated, granular bentonite to approximately six inches below the desired sampling depth. A new section of ¼-inch diameter polyethylene tubing with a new ¼-inch diameter polypropylene filter at the terminal end was inserted into the borehole to the desired sampling depth. One-inch diameter PVC casing was used as a guide for the tubing to ensure that the desired sampling depth was achieved. Sand was poured into the boring annulus to form an approximately one-foot long sand pack around the polypropylene filter, at which time the PVC piping was withdrawn. Approximately one foot of dry, granular bentonite was placed atop the sand pack and the remainder of the borehole was backfilled with hydrated bentonite to the ground surface to form a seal. The sampling end of the tubing was fitted with a valve and the probe was labeled for identification.

3.6.2 Soil Gas Sampling Methodology

Soil gas samples were collected in general accordance with the July 2015 Department of Toxic Substances Control (DTSC) and Los Angeles Regional Water Quality Control Board (LARWQCB) "Advisory – Active Soil Gas Investigations."

Soil gas samples were collected using one-liter, stainless-steel, cylindrical SUMMA canisters. The sampling containers were provided by SunStar Laboratories (SunStar) a state-certified laboratory (California

Department of Public Health Environmental Laboratory Accreditation Program certificate number 2250) in Lake Forest, California, which subjected each canister to a rigorous cleaning process using a combination of dilution, heat, and high vacuum. After cleaning, the canisters were batch certified to be free of target contaminants to a specified reporting limit via gas chromatography/mass spectroscopy prior to delivery.

Partner received the SUMMA canisters evacuated to approximately 30 inches of mercury. The SUMMA canisters were fitted with stainless-steel flow controllers, which SunStar calibrated to maintain constant flow (approximately 0.1 liter per minute) for approximately five to 10 minutes of sampling time.

Each probe was allowed to equilibrate for a minimum of two hours after installation prior to sampling. After equilibration, the sample tubing and sampler screen were purged of ambient air using a separate one-liter SUMMA purge volume canister evacuated to approximately 30 inches of mercury. Tracer gas isopropyl alcohol was placed around each probe at the ground surface while sampling to detect ambient air intrusion. Once the one-liter purge volume canisters were filled, the sampling end of the tubing was fitted to the sampling canister and the port valve was opened, causing air to enter the sample container due to the pressure differential. Partner closed the valves after the canister was evacuated to approximately one to two inches of mercury, with pertinent data (e.g., time, canister vacuum) recorded at the start and end of sampling. The SUMMA canisters were labeled for identification and stored away from direct sunlight prior to analysis.

Soil gas samples were collected from each boring at five feet bgs.

The tracer gas isopropyl alcohol was not detected in sample B3-SG-5, indicating the integrity of the bentonite seal was maintained. However, the tracer gas isopropyl alcohol was detected in duplicate sample, B3-SG-5D, indicating the integrity of the duplicate manifold/connection was likely compromised.

3.7 Post-Sampling Activities

Soil gas probes were removed from the subsurface and the boreholes were capped with concrete patch to match existing ground surface.

No significant amounts of derived wastes were generated during this investigation.

4.0 LABORATORY ANALYSIS

4.1 Laboratory Analysis

Partner collected 21 soil samples, four groundwater, and six soil gas samples (including one duplicate soil gas sample) on April 11, 2016. Soil and groundwater samples were stored and transported in an iced cooler, and soil gas samples were stored and transported at ambient temperature under proper chain-of-custody protocol to SunStar for analysis on April 12, 2016. Based on field-screening results, visual observations, and/or olfactory observations, one soil sample per boring (five soil samples total) and all groundwater samples (four groundwater samples total) were analyzed for VOCs in accordance with EPA Method 8260B. The remaining soil samples were placed on hold at the laboratory. All soil gas samples (six samples total) were analyzed for VOCs in accordance with EPA Method TO-15.

4.2 Laboratory Analytical Results

Laboratory analytical results are included in Appendix C and discussed below.

4.2.1 Soil Sample Analytical Results

None of the analyzed soil samples contained detectable concentrations of VOCs.

Refer to Table 2 for a summary of the soil sample VOCs laboratory analysis results.

4.2.2 Groundwater Sample Analytical Results

Tetrachloroethylene (PCE) was detected in groundwater sample B5-GW at concentrations of 1.4 µg/L. No other VOCs were detected in any of the analyzed groundwater samples above the laboratory reporting limits (RLs).

Refer to Table 3 for a summary of the groundwater sample VOCs laboratory analysis results.

4.2.3 Soil Gas Sample Analytical Results

All six of the soil gas samples analyzed contained detectable concentrations of VOCs above the laboratory RLs, including one or more of the following analytes: carbon tetrachloride; chloroform; heptane; isopropyl alcohol; PCE; trichloroethene (TCE); 1,1,1-trichloroethane; ethylbenzene; and xylenes.

The remaining VOCs were not detected in any of the analyzed soil gas samples at concentrations exceeding the laboratory RLs.

Refer to Table 4 for a summary of the soil gas sample VOC laboratory analysis results.

5.0 DISCUSSION AND CONCLUSIONS

5.1 Regulatory Agency Guidance

February 2016 Environmental Screening Levels

The San Francisco Bay Regional Water Quality Control Board (SFBRWQCB) has established Environmental Screening Levels (ESLs) as an initial screening level evaluation. ESLs aid in assessing the potential threats to human health, terrestrial/aquatic habitats, and/or drinking water resources due to contaminants in soil, soil gas, and/or groundwater. Under most circumstances, the presence of impacts below applicable ESLs can be assumed to not pose a significant, chronic (i.e., long-term) adverse risk to the applicable receptor of concern. Conversely, sites that exceed ESLs generally require further evaluation and/or remediation. Please note that the ESLs were developed using default assumptions (e.g., standard exposure factors) and, consequently, are only meant for screening level assessments. The ESLs should not be considered enforceable regulatory standards. Cleanup levels ultimately dependent on site-specific factors and are established by the regulatory agencies on a case-by-case basis. For the purposes of this investigation, detected concentrations in groundwater and soil gas samples were compared with the Groundwater and Subslab/Soil Gas Tier 1 ESLs for residential use, respectively.

5.2 Discussion

None of the soil samples analyzed contained detectable concentrations of VOCs exceeding the laboratory RLs. Consequently, the laboratory RLs were significantly less than the applicable ESLs.

PCE was detected in groundwater sample B5-GW at a concentration of 1.4 µg/L which is less than the Tier 1 ESL of 3.0 µg/L. No other VOCs were detected in groundwater exceeding laboratory RLs, which are below residential screening levels.

Each of the six soil gas samples detected VOC concentrations above laboratory RLs with carbon tetrachloride up to 19 µg/m^3; chloroform up to 910 µg/m^3; heptane up to 6.7 µg/m^3; ethylbenzene up to 66 µg/m^3; xylenes up to 400 µg/m^3; 1,1,1-trichloroethane up to 46 µg/m^3; PCE up to 2,200 µg/m^3; and TCE up to 880 µg/m^3. In one soil gas sample (B3-SG-5), PCE at 2,200 µg/m^3 and TCE at 880 µg/m^3 exceeded the residential ESL of 240 µg/m^3 for both constituents. Chloroform exceeded the residential ESL of 61 µg/m^3 in two soil gas samples, B2-SG-5 at 77 µg/m^3 and B5-SG-5 at 910 µg/m^3. No other VOCs exceeded laboratory RLs and/or residential screening levels.

Additionally, the tracer gas isopropyl alcohol was detected in one soil gas sample (B3-SG-5D) at a concentration of 4,000 micrograms per cubic meter (µg/m^3), indicating the integrity of the duplicate connection was compromised. However, the tracer gas was not detected in sample B3-SG-5, indicating the integrity of the bentonite seal for that boring was maintained.

It appears there has been a release of VOCs to the subsurface in the vicinity of the former bus repair and painting areas. The likely source of contaminants is historical on-site operations including motor repair and painting associated with the former Greyhound Bus Lines and plumbing contractor tenants. However, the extent of PCE and TCE impacts appear to be limited to soil gas in the immediate area surrounding boring B3. Additionally, the Client has plans to install a vapor mitigation system (venting) in these portions of the subject property during re-development activities to address potential vapor intrusion concerns.

5.3 Summary and Conclusions

Partner conducted an Additional Subsurface Investigation at the subject property to further evaluate VOC impacts to soil, soil gas, and/or groundwater as a consequence of a release or releases from the former painting and bus repair areas. The scope of the Additional Subsurface Investigation included the advancement of five borings (B1 through B5) to facilitate the collection of representative soil, soil gas, and/or groundwater samples. Five soil samples, four groundwater samples, and six soil gas samples (including one duplicate soil gas sample) were analyzed for VOCs.

Subsurface lithology encountered during this investigation consisted predominantly of sand and clay mixtures from ground surface to 12 feet bgs, silty sand from 12 to 15 feet bgs, and silty clay from 15 to 20 feet bgs. Static groundwater was encountered at approximately 6.5 to 15 feet bgs. According to previous site data, shallow groundwater flows to the northwest.

There were no VOCs detected in soil samples above the applicable laboratory RLs, which in turn were significantly below applicable ESLs.

PCE was detected in one groundwater sample (B5-GW) at a concentration less than the applicable ESL. No other VOCs were detected in groundwater exceeding laboratory RLs and/or residential screening levels.

One soil gas sample (B3-SG-5) contained PCE and TCE concentrations exceeding applicable ESLs. Two soil gas samples (B2-SG-5 and B4-SG-5) contained chloroform concentrations exceeding the applicable ESL. There were no other VOCs detected in soil gas exceeding laboratory RLs and/or residential screening levels.

Based on the results of this investigation, there is evidence of a release of VOCs to the subsurface in the vicinity of the former painting and bus repair areas. The likely source of contaminants is historical on-site operations including motor repair and painting associated with the former Greyhound Bus Lines and plumbing contractor tenants. However, the extent of PCE and TCE impacts appear to be limited to soil gas in the immediate area surrounding boring B3.

Partner recommends the installation of a vapor mitigation system (venting) in the impacted portions of the subject property during re-development activities to address potential vapor intrusion concerns. If a vapor mitigation system is implemented, Partner recommends no further investigation and/or remediation with respect to the former painting and bus repair areas at this time.

TABLES

PARTNER

Table 1: Summary of Investigation Scope
1919 Market Steet
Oakland, California 94607
Partner Project Number 16-155080.3
April 29, 2016

Boring Identification	Location	Terminal Depth (feet bgs)	Matrix Sampled	Sampling Depths* (feet bgs)	Target Analytes
B1	Northwestern interior corner of subject building in the historical painting area	16	Soil Gas	5	VOCs
			Soil	**2**, 5, 10, 15	VOCs
			Groundwater	9	VOCs
B2	Northwestern interior corner of subject building in the historical painting area	16	Soil Gas	5	VOCs
			Soil	2, **5**, 10, 15	VOCs
			Groundwater	9	VOCs
B3	Northwestern interior corner of subject building in the historical painting area	16	Soil Gas	5	VOCs
			Soil	**2**, 5, 10, 15	VOCs
			Groundwater	6.5	VOCs
B4	Central interior of subject building in the historical bus repair area	16	Soil Gas	5	VOCs
			Soil	**3**, 5, 10, 15	VOCs
			Groundwater	none	VOCs
B5	Central interior of subject building in the historical bus repair area	20	Soil Gas	5	VOCs
			Soil	**3**, *5* , 10, 15, 20	VOCs
			Groundwater	15	VOCs

Notes:

*Depths in ***bold*** analyzed for volatile organic compounds (VOCs) in accordance with EPA Method 8260B.

bgs = below ground surface

Table 2: Soil Sample VOCs Laboratory Results
1919 Market Steet
Oakland, California 94607
Partner Project Number 16-155080.3
April 29, 2016

EPA Method	VOCs via 8260B					
Units	(mg/kg)					
Analyte	ESL	B1-2	B2-5	B3-2	B4-3	B5-3
PCE	0.42	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
TCE	0.46	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
Other VOCs	NA	ND	ND	ND	ND	ND

Notes:

VOCs = volatile organic compounds

EPA = United States Environmental Protection Agency

mg/kg = milligrams per kilogram

ESLs = Environmental Screening Levels (San Francisco Bay Regional Water Quality Control Board - February, 2016) for evaluation of shallow soil exposure scenario, Table S-1

PCE = Tetrachloroethene

TCE = Trichloroethene

< = not detected at or above indicated laboratory reporting limits (RLs)

NA = not applicable

ND = not detected at or above laboratory RLs

Table 3: Groundwater Sample VOCs Laboratory Results
1919 Market Steet
Oakland, California 94607
Partner Project Number 16-155080.3
April 29, 2016

EPA Method	VOCs via 8260B				
Units	(µg/L)				
Analyte	ESL	B1-GW	B2-GW	B3-GW	B5-GW
PCE	3.0	<1.0	<1.0	<1.0	**1.4**
TCE	5.0	<1.0	<1.0	<1.0	<1.0
Other VOCs	NA	ND	ND	ND	ND

Notes:

VOCs = volatile organic compounds

EPA = United States Environmental Protection Agency

µg/L = micrograms per liter

ESLs = Environmental Screening Levels (San Francisco Bay Regional Water Quality Control Board - February, 2016) for evaluation of direct exposure (Tier 1 ESL), Table GW-1

PCE = Tetrachloroethene

TCE = Trichloroethene

Values in **bold** exceed laboratory RLs

ND = not detected above laboratory ESLs

NA = not applicable

Table 4: Soil Gas Sample VOCs Laboratory Results
1919 Market Steet
Oakland, California 94607
Partner Project Number 16-155080.3
April 29, 2016

EPA Method	VOCs via TO-15						
Units	($\mu g/m^3$ air)						
Analyte	ESL	B1-SG-5	B2-SG-5	B3-SG-5[1]	B3-SG-5D	B4-SG-5[1]	B5-SG-5
Ethylbenzene	560	<4.4	**66**	<4.4	<4.4	<4.4	<4.4
Xylenes	52,000	<4.4	**400**	<4.4	<4.4	<4.4	<4.4
PCE	240	**25**	**17**	**2,200**	**17**	<6.9	**190**
TCE	240	**150**	<5.5	**880**	**30**	<5.5	<5.5
Chloroform	61	<250	**77**	<250	<250	**910**	**11**
Carbon Tetrachloride	33	<6.4	<6.4	<6.4	<6.4	<6.4	**19**
Heptane	NA	<4.2	<4.2	<4.2	<4.2	<4.2	**6.7**
1,1,1-Trichloroethane	520,000	<5.6	<5.6	<5.6	<5.6	<5.6	**46**
Isopropyl Alcohol	NA	<13	<13	<13	**4,000**	<13	<13
Other VOCs	NA	ND	ND	ND	ND	ND	ND

Notes:

ESLs = Environmental Screening Levels (San Francisco Bay Regional Water Quality Control Board - February 2016) for evaluation of potential vapor intrusion at commercial/industrial sites, Table SG-1

VOCs = volatile organic compounds

PCE = Tetrachloroethene

TCE = Trichloroethene

$\mu g/m^3$ = micrograms per cubic meter air

< = not detected at or above indicated laboratory reporting limits (RLs)

NA = not applicable

ND = not detected at or above laboratory RLs

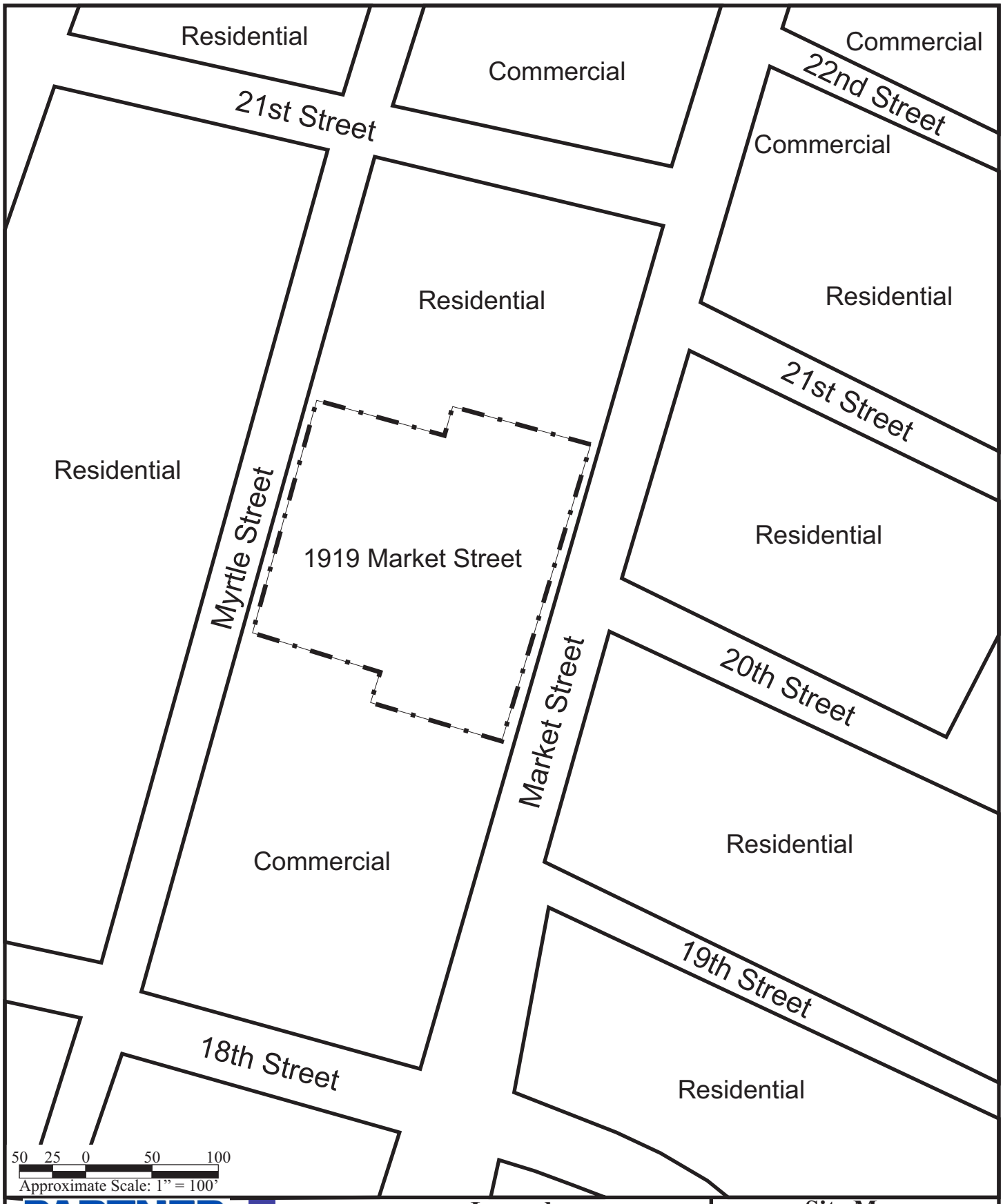
Values in **bold** exceed laboratory RLs

Highlighted values exceed ESLs

1) Sample was analyzed utilizing method TO-14 and the RL has been adjusted accordingly. TO-15 analysis of sample was not performed due to high concentration of analyte(s)

FIGURES

PARTNER



PARTNER
Engineering and Science, Inc.
1017 22nd Avenue, Suite 107
Oakland, California 94606

Project Number: 16-155080.3

Legend

N

Subject Site

Site Map

Figure	Prepared By	Date
1	N. Maroon	April 2016

1919 Market Street
Oakland, California 94607

PARTNER
Engineering and Science, Inc.
1017 22nd Avenue, Suite 107
Oakland, California 94606

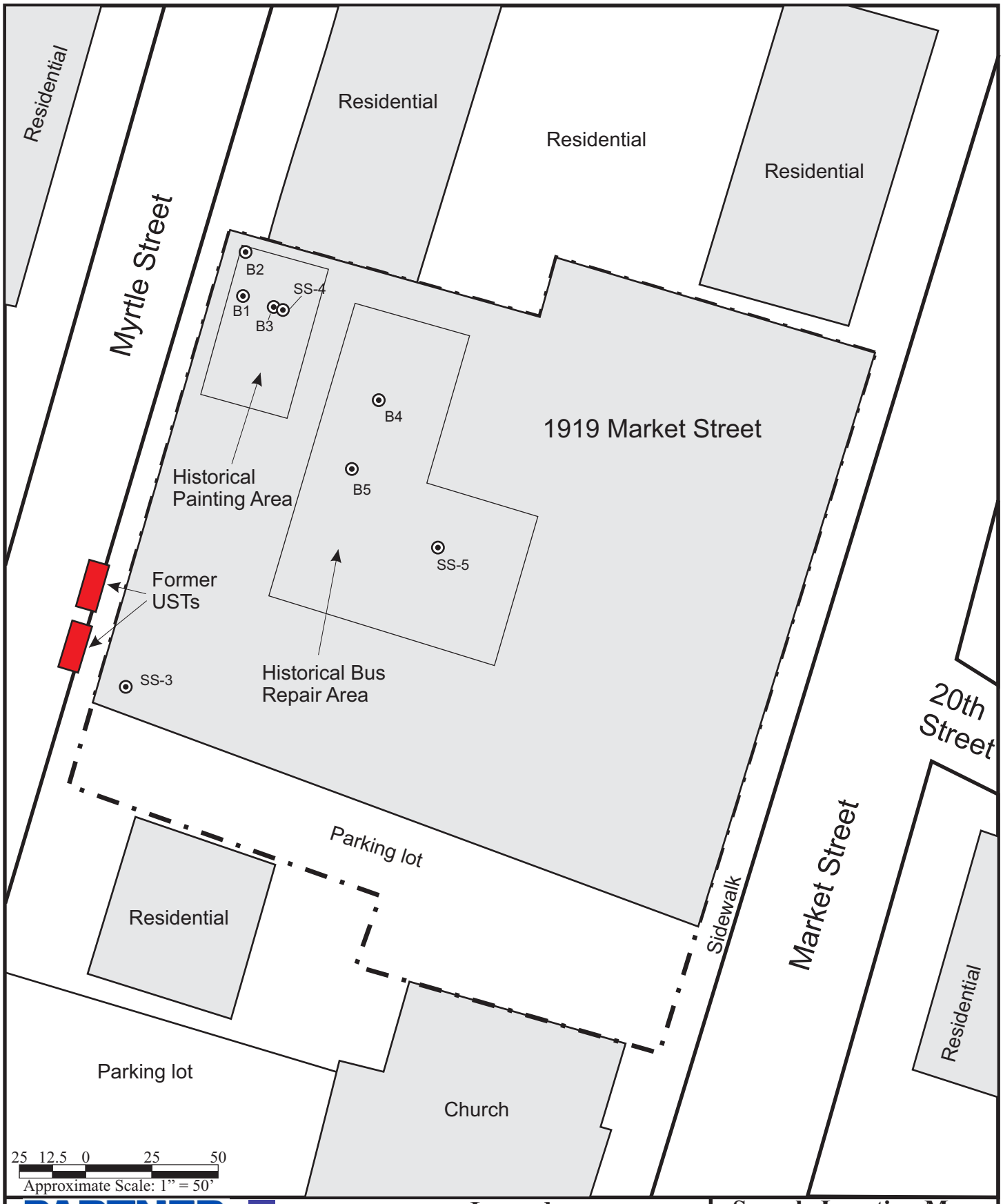
Project Number: 16-155080.3

USGS Oakland West, California Quadrangle
Version: 2015 Current as of: 2015

Topographic Map

Figure	Prepared By	Date
2	N. Maroon	April 2016

1919 Market Street
Oakland, California 94607



PARTNER
Engineering and Science, Inc.
1017 22nd Avenue, Suite 107
Oakland, California 94606

Project Number: 16-155080.2

Legend

N

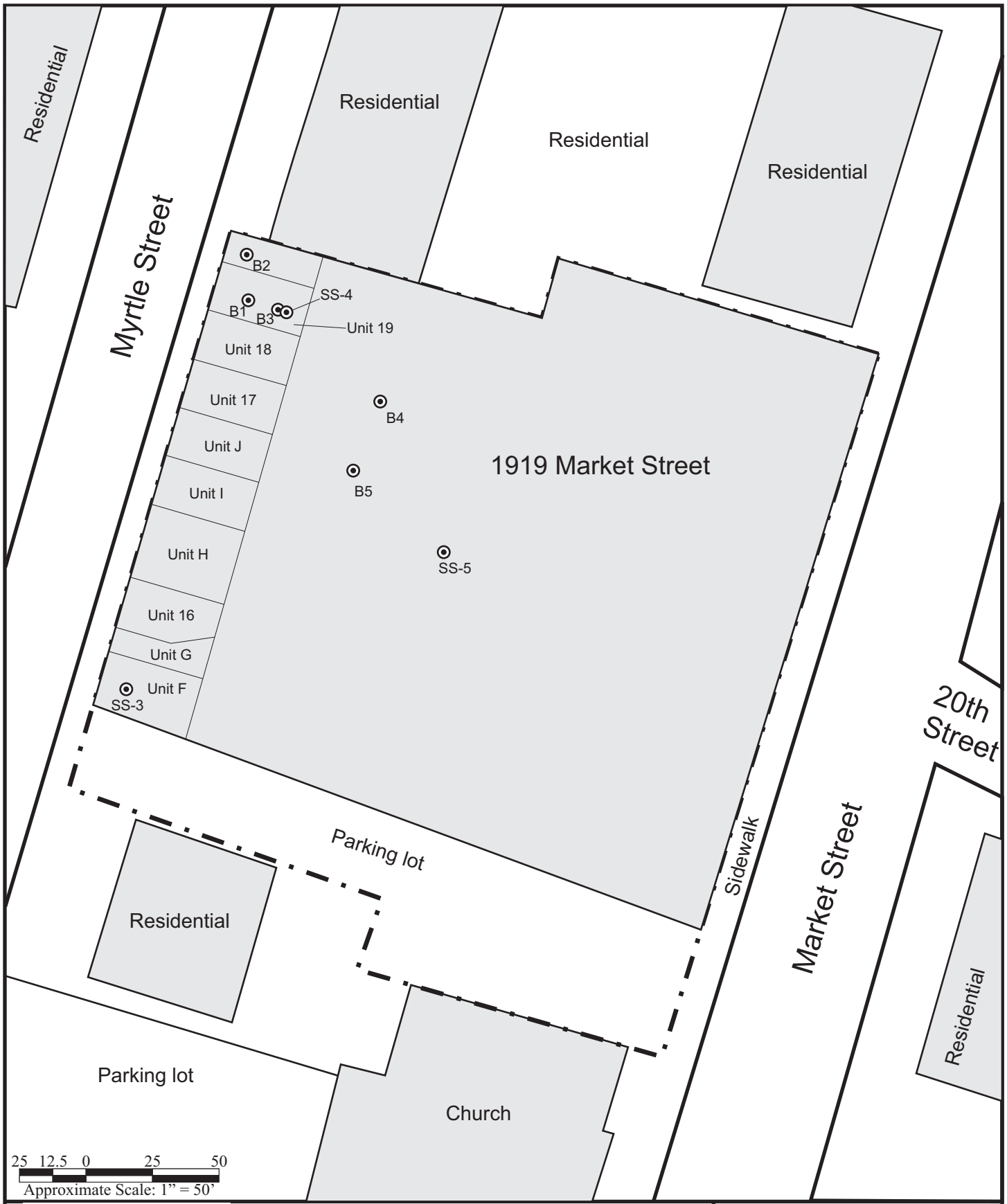
Subject Site

Boring Location

Sample Location Map

Figure	Prepared By	Date
3	N. Maroon	March 2016

1919 Market Street
Oakland, California 94607



PARTNER
Engineering and Science, Inc.
1017 22nd Avenue, Suite 107
Oakland, California 94606

Project Number: 16-155080.3

Legend

N

Subject Site

Boring Location

Sample Locations & Proposed Residential Units

Figure	Prepared By	Date
4	N. Maroon	April 2016

1919 Market Street
Oakland, California 94607

APPENDIX A: BORING LOGS

PARTNER

Boring Number:	B1		Page 1 of 1
Location:	27' SE of NW property corner	Date Started:	4/11/2016
Site Address:	1919 Market Street	Date Completed:	4/11/2016
	Oakland, California 94607	Depth to Groundwater:	9' (static)
Project Number:	16-155080.3	Field Technician:	CF
Drill Rig Type:	Geoprobe 5410	**Partner Engineering and Science**	
Sampling Equipment:	Acetate liner	1017 22nd Avenue, Suite 200	
Borehole Diameter:	2.5 inches	Oakland, California 94606	

Depth	Sample	USCS	Description	Notes
1				Four-inch concrete cover
2	B1-2	SC	Brown, fine sand with some clay; very slightly moist; loose	
3				
4				
5	B1-5	SC	Brown, fine sand and clay; very slightly moist; dense	Soil gas probe installed at five feet below ground surface (bgs).
6				
7				
8				
9				Static water level rose to nine feet bgs.
10	B1-10	SC	Brown, fine sand and clay; very slightly moist; dense	
11				
12				Groundwater encountered at 12 feet bgs.
13				
14				
15	B1-15	SM	Brown, silty sand; saturated; loose	
16				Borehole terminated at 16 feet bgs.
17				
18				
19				
20				
21				
22				
23				
24				
25				

Boring Number:	B2		Page 1 of 1
Location:	8' SE of NW property corner	Date Started:	4/11/2016
Site Address:	1919 Market Street	Date Completed:	4/11/2016
	Oakland, California 94607	Depth to Groundwater:	9' (static)
Project Number:	16-155080.3	Field Technician:	CF
Drill Rig Type:	Geoprobe 540MT	**Partner Engineering and Science**	
Sampling Equipment:	Acetate liner	1017 22nd Avenue, Suite 200	
Borehole Diameter:	2.5 inches	Oakland, California 94606	

Depth	Sample	USCS	Description	Notes
1				Four-inch concrete cover
2	B2-2	SC	Brown, fine sand with some clay; slightly moist; loose	
3				
4				
5	B2-5	SC	Brown, fine sand and clay; slightly moist; dense	Soil gas probe installed at five feet below ground surface (bgs).
6				
7				
8				
9				Static water level rose to nine feet bgs.
10	B2-10	SC	Brown, fine sand and clay; slightly moist; dense	
11				
12				
13				
14				
15	B2-15	SM	Brown, silty sand; saturated; loose	
16				Borehole terminated at 16 feet bgs.
17				
18				
19				
20				
21				
22				
23				
24				
25				

Boring Number:	B3		Page 1 of 1
Location:	37' SE of NW property corner	Date Started:	4/11/2016
Site Address:	1919 Market Street	Date Completed:	4/11/2016
	Oakland, California 94607	Depth to Groundwater:	6.5' (static)
Project Number:	16-155080.3	Field Technician:	CF
Drill Rig Type:	Geoprobe 540MT	**Partner Engineering and Science**	
Sampling Equipment:	Acetate liner	1017 22nd Avenue, Suite 200	
Borehole Diameter:	2.5 inches	Oakland, California 94606	

Depth	Sample	USCS	Description	Notes
1				Four-inch concrete cover
2	B3-2	SC	Brown, fine sand with some clay; very slightly moist; loose	
3				
4				
5	B3-5	SC	Brown, fine sand and clay; very slightly moist; dense	Soil gas probe installed at five feet below ground surface (bgs).
6				Static water level rose to 6.5 feet bgs.
7				
8				
9				
10	B3-10	SC	Brown, fine sand and clay; very slightly moist; dense	
11				
12				
13				
14				
15	B3-15	SM	Brown, silty sand; saturated; loose	
16				Borehole terminated at 16 feet bgs.
17				
18				
19				
20				
21				
22				
23				
24				
25				

Boring Number:	B4		Page 1 of 1
Location:	81' SE of NW property corner	Date Started:	4/11/2016
Site Address:	1919 Market Street	Date Completed:	4/11/2016
	Oakland, California 94607	Depth to Groundwater:	NA
Project Number:	16-155080.3	Field Technician:	CF
Drill Rig Type:	Geoprobe 540MT	**Partner Engineering and Science**	
Sampling Equipment:	Acetate liner	1017 22nd Avenue, Suite 200	
Borehole Diameter:	2.5 inches	Oakland, California 94606	

Depth	Sample	USCS	Description	Notes
1				Four-inch concrete cover
2				
3	B4-3	MC	Dark brown silt; dry; loose	
4				
5	B4-5	SC	Brown, fine sand and clay; very slightly moist; dense	Soil gas probe installed at five feet below ground surface (bgs).
6				
7				
8				
9				
10	B4-10	SC	Brown, fine sand and clay; very slightly moist; dense	
11				
12				
13				
14				
15	B4-15	SC	Brown, fine sand and clay; very slightly moist; dense	
16				Borehole terminated at 16 feet bgs. No groundwater encountered.
17				
18				
19				
20				
21				
22				
23				
24				
25				

Boring Number:	B5		Page 1 of 1
Location:	102' SE of NW property corner	Date Started:	4/11/2016
Site Address:	1919 Market Street	Date Completed:	4/11/2016
	Oakland, California 94607	Depth to Groundwater:	19.5 feet
Project Number:	16-155080.3	Field Technician:	CF
Drill Rig Type:	Geoprobe 540MT	**Partner Engineering and Science**	
Sampling Equipment:	Acetate liner	1017 22nd Avenue, Suite 200	
Borehole Diameter:	2.5 inches	Oakland, California 94606	

Depth	Sample	USCS	Description	Notes
1				Four-inch concrete cover
2				
3	B5-3	SM	Dark brown, silty sand; dry; loose	
4				
5	B5-5	SC	Brown, clayey sand; slightly moist; loose	Soil gas probe installed at five feet below ground surface (bgs).
6				
7				
8				
9				
10	B5-10	CL	Brown, sandy clay; slightly moist; stiff	
11				
12				
13				
14				
15	B5-15	CL	Brown, silty clay; slightly moist; stiff	Static water level rose to 15 feet bgs.
16				
17				
18				
19				Groundwater encountered at 19.5 feet bgs.
20	B5-20	CL	Brown, silty clay; saturated; stiff	Borehole terminated at 20 feet bgs.
21				
22				
23				
24				
25				

APPENDIX B: WELL PERMIT

PARTNER

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: 04/06/2016 By jamesy

Permit Numbers: W2016-0242
Permits Valid from 04/11/2016 to 04/11/2016

Application Id:	1459896963698	**City of Project Site:**	Oakland
Site Location:	1919 Market Street, Oakland, CA		
Project Start Date:	04/11/2016	**Completion Date:**	04/11/2016
Assigned Inspector:	Contact Lindsay Furuyama at (925) 956-2311 or Lfuruyama@groundzonees.com		
Applicant:	Partner Engineering - Joe Mangine 1017 22nd Ave, Suite 107, Oakland, CA 94606	**Phone:**	510-431-6263
Property Owner:	Michael Yancey Crown Capital Commercial Corp 540 Pacific Ave, San Francisco, CA 94133	**Phone:**	--
Client:	Michael Yancey 540 Pacific Ave, San Francisco, CA 94133	**Phone:**	--

	Total Due:	$265.00
Receipt Number: WR2016-0175	**Total Amount Paid:**	$265.00
Payer Name : Samantha Fujita	Paid By: VISA	**PAID IN FULL**

Works Requesting Permits:

Borehole(s) for Investigation-Environmental/Monitorinig Study - 6 Boreholes
Driller: Enprobe Drilling Services - Lic #: 1012248 - Method: DP **Work Total: $265.00**

Specifications

Permit Number	Issued Dt	Expire Dt	# Boreholes	Hole Diam	Max Depth
W2016-0242	04/06/2016	07/10/2016	6	2.50 in.	20.00 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. 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.

5. 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.

6. 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.

7. 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.

8. Prior to any drilling activities onto any public right-of-ways, it shall be the applicants responsibilities to contact and coordinate a Underground Service Alert (USA), obtain encroachment permit(s), excavation permit(s) or any other permits required for that City or to the County and follow all City or County Ordinances. It shall also be the applicants responsibilities to provide to the Cities or to Alameda County a 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.

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.

APPENDIX C: LABORATORY ANALYTICAL REPORTS

PARTNER

SunStar Laboratories, Inc.
PROVIDING QUALITY ANALYTICAL SERVICES NATIONWIDE

25712 Commercentre Drive
Lake Forest, California 92630
949.297.5020 Phone
949.297.5027 Fax

15 April 2016

Joe Mangine
Partner Engineering & Science, Inc.--Oakland
1017 22nd Ave. Suite 107
Oakland, CA 94606

RE: 1919 Market St., Oakland, CA

Enclosed are the results of analyses for samples received by the laboratory on 04/13/16 08:50. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Daniel Chavez
Project Manager

SunStar Laboratories, Inc.
PROVIDING QUALITY ANALYTICAL SERVICES NATIONWIDE

25712 Commercentre Drive
Lake Forest, California 92630
949.297.5020 Phone
949.297.5027 Fax

Partner Engineering & Science, Inc.--Oakland	Project: 1919 Market St., Oakland, CA	
1017 22nd Ave. Suite 107	Project Number: 16-155080.3	**Reported:**
Oakland CA, 94606	Project Manager: Joe Mangine	04/15/16 16:16

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
B1-2	T160733-01	Soil	04/11/16 09:52	04/13/16 08:50
B2-5	T160733-06	Soil	04/11/16 15:34	04/13/16 08:50
B4-3	T160733-13	Soil	04/11/16 12:48	04/13/16 08:50
B5-3	T160733-17	Soil	04/11/16 11:08	04/13/16 08:50
B1-GW	T160733-22	Water	04/11/16 11:55	04/13/16 08:50
B2-GW	T160733-23	Water	04/11/16 15:45	04/13/16 08:50
B3-GW	T160733-24	Water	04/11/16 14:50	04/13/16 08:50
B5-GW	T160733-25	Water	04/11/16 12:20	04/13/16 08:50

SunStar Laboratories, Inc.

Daniel Chavez, Project Manager

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

SunStar Laboratories, Inc.
PROVIDING QUALITY ANALYTICAL SERVICES NATIONWIDE

25712 Commercentre Drive
Lake Forest, California 92630
949.297.5020 Phone
949.297.5027 Fax

Partner Engineering & Science, Inc.--Oakland	Project: 1919 Market St., Oakland, CA	
1017 22nd Ave. Suite 107	Project Number: 16-155080.3	**Reported:**
Oakland CA, 94606	Project Manager: Joe Mangine	04/15/16 16:16

DETECTIONS SUMMARY

Sample ID: B1-2 **Laboratory ID:** T160733-01

No Results Detected

Sample ID: B2-5 **Laboratory ID:** T160733-06

No Results Detected

Sample ID: B4-3 **Laboratory ID:** T160733-13

No Results Detected

Sample ID: B5-3 **Laboratory ID:** T160733-17

No Results Detected

Sample ID: B1-GW **Laboratory ID:** T160733-22

No Results Detected

Sample ID: B2-GW **Laboratory ID:** T160733-23

No Results Detected

SunStar Laboratories, Inc.

Daniel J Chavez

Daniel Chavez, Project Manager

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Partner Engineering & Science, Inc.--Oakland	Project: 1919 Market St., Oakland, CA	
1017 22nd Ave. Suite 107	Project Number: 16-155080.3	**Reported:**
Oakland CA, 94606	Project Manager: Joe Mangine	04/15/16 16:16

Sample ID: B3-GW **Laboratory ID:** T160733-24

No Results Detected

Sample ID: B5-GW **Laboratory ID:** T160733-25

Analyte	Result	Reporting Limit	Units	Method	Notes
Tetrachloroethene	**1.4**	1.0	ug/l	EPA 8260B	

SunStar Laboratories, Inc.

Daniel Chavez, Project Manager

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PROVIDING QUALITY ANALYTICAL SERVICES NATIONWIDE

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949.297.5020 Phone
949.297.5027 Fax

Partner Engineering & Science, Inc.--Oakland	Project: 1919 Market St., Oakland, CA	
1017 22nd Ave. Suite 107	Project Number: 16-155080.3	**Reported:**
Oakland CA, 94606	Project Manager: Joe Mangine	04/15/16 16:16

B1-2

T160733-01 (Soil)

SunStar Laboratories, Inc.

Volatile Organic Compounds by EPA Method 8260B

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Bromobenzene	ND	0.0050	mg/kg	1	6041322	04/13/16	04/13/16	EPA 8260B	
Bromochloromethane	ND	0.0050	"	"	"	"	"	"	
Bromodichloromethane	ND	0.0050	"	"	"	"	"	"	
Bromoform	ND	0.0050	"	"	"	"	"	"	
Bromomethane	ND	0.0050	"	"	"	"	"	"	
n-Butylbenzene	ND	0.0050	"	"	"	"	"	"	
sec-Butylbenzene	ND	0.0050	"	"	"	"	"	"	
tert-Butylbenzene	ND	0.0050	"	"	"	"	"	"	
Carbon tetrachloride	ND	0.0050	"	"	"	"	"	"	
Chlorobenzene	ND	0.0050	"	"	"	"	"	"	
Chloroethane	ND	0.0050	"	"	"	"	"	"	
Chloroform	ND	0.0050	"	"	"	"	"	"	
Chloromethane	ND	0.0050	"	"	"	"	"	"	
2-Chlorotoluene	ND	0.0050	"	"	"	"	"	"	
4-Chlorotoluene	ND	0.0050	"	"	"	"	"	"	
Dibromochloromethane	ND	0.0050	"	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	ND	0.010	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	0.0050	"	"	"	"	"	"	
Dibromomethane	ND	0.0050	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	0.0050	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	0.0050	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	0.0050	"	"	"	"	"	"	
Dichlorodifluoromethane	ND	0.0050	"	"	"	"	"	"	
1,1-Dichloroethane	ND	0.0050	"	"	"	"	"	"	
1,2-Dichloroethane	ND	0.0050	"	"	"	"	"	"	
1,1-Dichloroethene	ND	0.0050	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	0.0050	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	0.0050	"	"	"	"	"	"	
1,2-Dichloropropane	ND	0.0050	"	"	"	"	"	"	
1,3-Dichloropropane	ND	0.0050	"	"	"	"	"	"	
2,2-Dichloropropane	ND	0.0050	"	"	"	"	"	"	
1,1-Dichloropropene	ND	0.0050	"	"	"	"	"	"	

SunStar Laboratories, Inc.

Daniel J Chavez

Daniel Chavez, Project Manager

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SunStar Laboratories, Inc.
Providing Quality Analytical Services Nationwide

25712 Commercentre Drive
Lake Forest, California 92630
949.297.5020 Phone
949.297.5027 Fax

Partner Engineering & Science, Inc.--Oakland	Project: 1919 Market St., Oakland, CA	
1017 22nd Ave. Suite 107	Project Number: 16-155080.3	**Reported:**
Oakland CA, 94606	Project Manager: Joe Mangine	04/15/16 16:16

B1-2

T160733-01 (Soil)

SunStar Laboratories, Inc.

Volatile Organic Compounds by EPA Method 8260B

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
cis-1,3-Dichloropropene	ND	0.0050	mg/kg	1	6041322	04/13/16	04/13/16	EPA 8260B	
trans-1,3-Dichloropropene	ND	0.0050	"	"	"	"	"	"	
Hexachlorobutadiene	ND	0.0050	"	"	"	"	"	"	
Isopropylbenzene	ND	0.0050	"	"	"	"	"	"	
p-Isopropyltoluene	ND	0.0050	"	"	"	"	"	"	
Methylene chloride	ND	0.0050	"	"	"	"	"	"	
Naphthalene	ND	0.0050	"	"	"	"	"	"	
n-Propylbenzene	ND	0.0050	"	"	"	"	"	"	
Styrene	ND	0.0050	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	0.0050	"	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	0.0050	"	"	"	"	"	"	
Tetrachloroethene	ND	0.0050	"	"	"	"	"	"	
1,2,3-Trichlorobenzene	ND	0.0050	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	0.0050	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	0.0050	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	0.0050	"	"	"	"	"	"	
Trichloroethene	ND	0.0050	"	"	"	"	"	"	
Trichlorofluoromethane	ND	0.0050	"	"	"	"	"	"	
1,2,3-Trichloropropane	ND	0.0050	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	0.0050	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	0.0050	"	"	"	"	"	"	
Vinyl chloride	ND	0.0050	"	"	"	"	"	"	
Benzene	ND	0.0050	"	"	"	"	"	"	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
m,p-Xylene	ND	0.010	"	"	"	"	"	"	
o-Xylene	ND	0.0050	"	"	"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*101 %*	*81.2-123*		"	"	"	"	
Surrogate: Dibromofluoromethane		*139 %*	*95.7-135*		"	"	"	"	*S-GC*
Surrogate: Toluene-d8		*95.4 %*	*85.5-116*		"	"	"	"	

SunStar Laboratories, Inc.

Daniel J Chavez

Daniel Chavez, Project Manager

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Providing Quality Analytical Services Nationwide

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Partner Engineering & Science, Inc.--Oakland	Project: 1919 Market St., Oakland, CA	
1017 22nd Ave. Suite 107	Project Number: 16-155080.3	**Reported:**
Oakland CA, 94606	Project Manager: Joe Mangine	04/15/16 16:16

B2-5

T160733-06 (Soil)

SunStar Laboratories, Inc.

Volatile Organic Compounds by EPA Method 8260B

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Bromobenzene	ND	0.0050	mg/kg	1	6041322	04/13/16	04/13/16	EPA 8260B	
Bromochloromethane	ND	0.0050	"	"	"	"	"	"	
Bromodichloromethane	ND	0.0050	"	"	"	"	"	"	
Bromoform	ND	0.0050	"	"	"	"	"	"	
Bromomethane	ND	0.0050	"	"	"	"	"	"	
n-Butylbenzene	ND	0.0050	"	"	"	"	"	"	
sec-Butylbenzene	ND	0.0050	"	"	"	"	"	"	
tert-Butylbenzene	ND	0.0050	"	"	"	"	"	"	
Carbon tetrachloride	ND	0.0050	"	"	"	"	"	"	
Chlorobenzene	ND	0.0050	"	"	"	"	"	"	
Chloroethane	ND	0.0050	"	"	"	"	"	"	
Chloroform	ND	0.0050	"	"	"	"	"	"	
Chloromethane	ND	0.0050	"	"	"	"	"	"	
2-Chlorotoluene	ND	0.0050	"	"	"	"	"	"	
4-Chlorotoluene	ND	0.0050	"	"	"	"	"	"	
Dibromochloromethane	ND	0.0050	"	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	ND	0.010	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	0.0050	"	"	"	"	"	"	
Dibromomethane	ND	0.0050	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	0.0050	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	0.0050	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	0.0050	"	"	"	"	"	"	
Dichlorodifluoromethane	ND	0.0050	"	"	"	"	"	"	
1,1-Dichloroethane	ND	0.0050	"	"	"	"	"	"	
1,2-Dichloroethane	ND	0.0050	"	"	"	"	"	"	
1,1-Dichloroethene	ND	0.0050	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	0.0050	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	0.0050	"	"	"	"	"	"	
1,2-Dichloropropane	ND	0.0050	"	"	"	"	"	"	
1,3-Dichloropropane	ND	0.0050	"	"	"	"	"	"	
2,2-Dichloropropane	ND	0.0050	"	"	"	"	"	"	
1,1-Dichloropropene	ND	0.0050	"	"	"	"	"	"	

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Daniel J Chavez

Daniel Chavez, Project Manager

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Partner Engineering & Science, Inc.--Oakland	Project: 1919 Market St., Oakland, CA	
1017 22nd Ave. Suite 107	Project Number: 16-155080.3	**Reported:**
Oakland CA, 94606	Project Manager: Joe Mangine	04/15/16 16:16

B2-5

T160733-06 (Soil)

SunStar Laboratories, Inc.

Volatile Organic Compounds by EPA Method 8260B

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
cis-1,3-Dichloropropene	ND	0.0050	mg/kg	1	6041322	04/13/16	04/13/16	EPA 8260B	
trans-1,3-Dichloropropene	ND	0.0050	"	"	"	"	"	"	
Hexachlorobutadiene	ND	0.0050	"	"	"	"	"	"	
Isopropylbenzene	ND	0.0050	"	"	"	"	"	"	
p-Isopropyltoluene	ND	0.0050	"	"	"	"	"	"	
Methylene chloride	ND	0.0050	"	"	"	"	"	"	
Naphthalene	ND	0.0050	"	"	"	"	"	"	
n-Propylbenzene	ND	0.0050	"	"	"	"	"	"	
Styrene	ND	0.0050	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	0.0050	"	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	0.0050	"	"	"	"	"	"	
Tetrachloroethene	ND	0.0050	"	"	"	"	"	"	
1,2,3-Trichlorobenzene	ND	0.0050	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	0.0050	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	0.0050	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	0.0050	"	"	"	"	"	"	
Trichloroethene	ND	0.0050	"	"	"	"	"	"	
Trichlorofluoromethane	ND	0.0050	"	"	"	"	"	"	
1,2,3-Trichloropropane	ND	0.0050	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	0.0050	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	0.0050	"	"	"	"	"	"	
Vinyl chloride	ND	0.0050	"	"	"	"	"	"	
Benzene	ND	0.0050	"	"	"	"	"	"	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
m,p-Xylene	ND	0.010	"	"	"	"	"	"	
o-Xylene	ND	0.0050	"	"	"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*98.4 %*	*81.2-123*		"	"	"	"	
Surrogate: Dibromofluoromethane		*134 %*	*95.7-135*		"	"	"	"	
Surrogate: Toluene-d8		*97.0 %*	*85.5-116*		"	"	"	"	

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Oakland CA, 94606	Project Manager: Joe Mangine	04/15/16 16:16

B4-3

T160733-13 (Soil)

SunStar Laboratories, Inc.

Volatile Organic Compounds by EPA Method 8260B

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Bromobenzene	ND	0.0050	mg/kg	1	6041322	04/13/16	04/13/16	EPA 8260B	
Bromochloromethane	ND	0.0050	"	"	"	"	"	"	
Bromodichloromethane	ND	0.0050	"	"	"	"	"	"	
Bromoform	ND	0.0050	"	"	"	"	"	"	
Bromomethane	ND	0.0050	"	"	"	"	"	"	
n-Butylbenzene	ND	0.0050	"	"	"	"	"	"	
sec-Butylbenzene	ND	0.0050	"	"	"	"	"	"	
tert-Butylbenzene	ND	0.0050	"	"	"	"	"	"	
Carbon tetrachloride	ND	0.0050	"	"	"	"	"	"	
Chlorobenzene	ND	0.0050	"	"	"	"	"	"	
Chloroethane	ND	0.0050	"	"	"	"	"	"	
Chloroform	ND	0.0050	"	"	"	"	"	"	
Chloromethane	ND	0.0050	"	"	"	"	"	"	
2-Chlorotoluene	ND	0.0050	"	"	"	"	"	"	
4-Chlorotoluene	ND	0.0050	"	"	"	"	"	"	
Dibromochloromethane	ND	0.0050	"	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	ND	0.010	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	0.0050	"	"	"	"	"	"	
Dibromomethane	ND	0.0050	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	0.0050	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	0.0050	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	0.0050	"	"	"	"	"	"	
Dichlorodifluoromethane	ND	0.0050	"	"	"	"	"	"	
1,1-Dichloroethane	ND	0.0050	"	"	"	"	"	"	
1,2-Dichloroethane	ND	0.0050	"	"	"	"	"	"	
1,1-Dichloroethene	ND	0.0050	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	0.0050	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	0.0050	"	"	"	"	"	"	
1,2-Dichloropropane	ND	0.0050	"	"	"	"	"	"	
1,3-Dichloropropane	ND	0.0050	"	"	"	"	"	"	
2,2-Dichloropropane	ND	0.0050	"	"	"	"	"	"	
1,1-Dichloropropene	ND	0.0050	"	"	"	"	"	"	

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Oakland CA, 94606	Project Manager: Joe Mangine	04/15/16 16:16

B4-3

T160733-13 (Soil)

SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Volatile Organic Compounds by EPA Method 8260B									
cis-1,3-Dichloropropene	ND	0.0050	mg/kg	1	6041322	04/13/16	04/13/16	EPA 8260B	
trans-1,3-Dichloropropene	ND	0.0050	"	"	"	"	"	"	
Hexachlorobutadiene	ND	0.0050	"	"	"	"	"	"	
Isopropylbenzene	ND	0.0050	"	"	"	"	"	"	
p-Isopropyltoluene	ND	0.0050	"	"	"	"	"	"	
Methylene chloride	ND	0.0050	"	"	"	"	"	"	
Naphthalene	ND	0.0050	"	"	"	"	"	"	
n-Propylbenzene	ND	0.0050	"	"	"	"	"	"	
Styrene	ND	0.0050	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	0.0050	"	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	0.0050	"	"	"	"	"	"	
Tetrachloroethene	ND	0.0050	"	"	"	"	"	"	
1,2,3-Trichlorobenzene	ND	0.0050	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	0.0050	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	0.0050	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	0.0050	"	"	"	"	"	"	
Trichloroethene	ND	0.0050	"	"	"	"	"	"	
Trichlorofluoromethane	ND	0.0050	"	"	"	"	"	"	
1,2,3-Trichloropropane	ND	0.0050	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	0.0050	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	0.0050	"	"	"	"	"	"	
Vinyl chloride	ND	0.0050	"	"	"	"	"	"	
Benzene	ND	0.0050	"	"	"	"	"	"	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
m,p-Xylene	ND	0.010	"	"	"	"	"	"	
o-Xylene	ND	0.0050	"	"	"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*91.9 %*	*81.2-123*		*"*	*"*	*"*	*"*	
Surrogate: Dibromofluoromethane		*135 %*	*95.7-135*		*"*	*"*	*"*	*"*	
Surrogate: Toluene-d8		*98.8 %*	*85.5-116*		*"*	*"*	*"*	*"*	

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Oakland CA, 94606	Project Manager: Joe Mangine	04/15/16 16:16

B5-3

T160733-17 (Soil)

SunStar Laboratories, Inc.

Volatile Organic Compounds by EPA Method 8260B

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Bromobenzene	ND	0.0050	mg/kg	1	6041322	04/13/16	04/13/16	EPA 8260B	
Bromochloromethane	ND	0.0050	"	"	"	"	"	"	
Bromodichloromethane	ND	0.0050	"	"	"	"	"	"	
Bromoform	ND	0.0050	"	"	"	"	"	"	
Bromomethane	ND	0.0050	"	"	"	"	"	"	
n-Butylbenzene	ND	0.0050	"	"	"	"	"	"	
sec-Butylbenzene	ND	0.0050	"	"	"	"	"	"	
tert-Butylbenzene	ND	0.0050	"	"	"	"	"	"	
Carbon tetrachloride	ND	0.0050	"	"	"	"	"	"	
Chlorobenzene	ND	0.0050	"	"	"	"	"	"	
Chloroethane	ND	0.0050	"	"	"	"	"	"	
Chloroform	ND	0.0050	"	"	"	"	"	"	
Chloromethane	ND	0.0050	"	"	"	"	"	"	
2-Chlorotoluene	ND	0.0050	"	"	"	"	"	"	
4-Chlorotoluene	ND	0.0050	"	"	"	"	"	"	
Dibromochloromethane	ND	0.0050	"	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	ND	0.010	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	0.0050	"	"	"	"	"	"	
Dibromomethane	ND	0.0050	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	0.0050	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	0.0050	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	0.0050	"	"	"	"	"	"	
Dichlorodifluoromethane	ND	0.0050	"	"	"	"	"	"	
1,1-Dichloroethane	ND	0.0050	"	"	"	"	"	"	
1,2-Dichloroethane	ND	0.0050	"	"	"	"	"	"	
1,1-Dichloroethene	ND	0.0050	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	0.0050	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	0.0050	"	"	"	"	"	"	
1,2-Dichloropropane	ND	0.0050	"	"	"	"	"	"	
1,3-Dichloropropane	ND	0.0050	"	"	"	"	"	"	
2,2-Dichloropropane	ND	0.0050	"	"	"	"	"	"	
1,1-Dichloropropene	ND	0.0050	"	"	"	"	"	"	

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1017 22nd Ave. Suite 107	Project Number: 16-155080.3	**Reported:**
Oakland CA, 94606	Project Manager: Joe Mangine	04/15/16 16:16

B5-3

T160733-17 (Soil)

SunStar Laboratories, Inc.

Volatile Organic Compounds by EPA Method 8260B

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
cis-1,3-Dichloropropene	ND	0.0050	mg/kg	1	6041322	04/13/16	04/13/16	EPA 8260B	
trans-1,3-Dichloropropene	ND	0.0050	"	"	"	"	"	"	
Hexachlorobutadiene	ND	0.0050	"	"	"	"	"	"	
Isopropylbenzene	ND	0.0050	"	"	"	"	"	"	
p-Isopropyltoluene	ND	0.0050	"	"	"	"	"	"	
Methylene chloride	ND	0.0050	"	"	"	"	"	"	
Naphthalene	ND	0.0050	"	"	"	"	"	"	
n-Propylbenzene	ND	0.0050	"	"	"	"	"	"	
Styrene	ND	0.0050	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	0.0050	"	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	0.0050	"	"	"	"	"	"	
Tetrachloroethene	ND	0.0050	"	"	"	"	"	"	
1,2,3-Trichlorobenzene	ND	0.0050	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	0.0050	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	0.0050	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	0.0050	"	"	"	"	"	"	
Trichloroethene	ND	0.0050	"	"	"	"	"	"	
Trichlorofluoromethane	ND	0.0050	"	"	"	"	"	"	
1,2,3-Trichloropropane	ND	0.0050	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	0.0050	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	0.0050	"	"	"	"	"	"	
Vinyl chloride	ND	0.0050	"	"	"	"	"	"	
Benzene	ND	0.0050	"	"	"	"	"	"	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
m,p-Xylene	ND	0.010	"	"	"	"	"	"	
o-Xylene	ND	0.0050	"	"	"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*87.0 %*	*81.2-123*		*"*	*"*	*"*	*"*	
Surrogate: Dibromofluoromethane		*132 %*	*95.7-135*		*"*	*"*	*"*	*"*	
Surrogate: Toluene-d8		*91.0 %*	*85.5-116*		*"*	*"*	*"*	*"*	

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1017 22nd Ave. Suite 107	Project Number: 16-155080.3	**Reported:**
Oakland CA, 94606	Project Manager: Joe Mangine	04/15/16 16:16

B1-GW

T160733-22 (Water)

SunStar Laboratories, Inc.

Volatile Organic Compounds by EPA Method 8260B

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Bromobenzene	ND	1.0	ug/l	1	6041328	04/13/16	04/13/16	EPA 8260B	
Bromochloromethane	ND	1.0	"	"	"	"	"	"	
Bromodichloromethane	ND	1.0	"	"	"	"	"	"	
Bromoform	ND	1.0	"	"	"	"	"	"	
Bromomethane	ND	1.0	"	"	"	"	"	"	
n-Butylbenzene	ND	1.0	"	"	"	"	"	"	
sec-Butylbenzene	ND	1.0	"	"	"	"	"	"	
tert-Butylbenzene	ND	1.0	"	"	"	"	"	"	
Carbon tetrachloride	ND	0.50	"	"	"	"	"	"	
Chlorobenzene	ND	1.0	"	"	"	"	"	"	
Chloroethane	ND	1.0	"	"	"	"	"	"	
Chloroform	ND	1.0	"	"	"	"	"	"	
Chloromethane	ND	1.0	"	"	"	"	"	"	
2-Chlorotoluene	ND	1.0	"	"	"	"	"	"	
4-Chlorotoluene	ND	1.0	"	"	"	"	"	"	
Dibromochloromethane	ND	1.0	"	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	ND	5.0	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	1.0	"	"	"	"	"	"	
Dibromomethane	ND	1.0	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	1.0	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	1.0	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	1.0	"	"	"	"	"	"	
Dichlorodifluoromethane	ND	0.50	"	"	"	"	"	"	
1,1-Dichloroethane	ND	1.0	"	"	"	"	"	"	
1,2-Dichloroethane	ND	0.50	"	"	"	"	"	"	
1,1-Dichloroethene	ND	1.0	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	1.0	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	1.0	"	"	"	"	"	"	
1,2-Dichloropropane	ND	1.0	"	"	"	"	"	"	
1,3-Dichloropropane	ND	1.0	"	"	"	"	"	"	
2,2-Dichloropropane	ND	1.0	"	"	"	"	"	"	
1,1-Dichloropropene	ND	1.0	"	"	"	"	"	"	

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Daniel J Chavez

Daniel Chavez, Project Manager

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1017 22nd Ave. Suite 107	Project Number: 16-155080.3	**Reported:**
Oakland CA, 94606	Project Manager: Joe Mangine	04/15/16 16:16

B1-GW

T160733-22 (Water)

SunStar Laboratories, Inc.

Volatile Organic Compounds by EPA Method 8260B

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
cis-1,3-Dichloropropene	ND	0.50	ug/l	1	6041328	04/13/16	04/13/16	EPA 8260B	
trans-1,3-Dichloropropene	ND	0.50	"	"	"	"	"	"	
Hexachlorobutadiene	ND	1.0	"	"	"	"	"	"	
Isopropylbenzene	ND	1.0	"	"	"	"	"	"	
p-Isopropyltoluene	ND	1.0	"	"	"	"	"	"	
Methylene chloride	ND	1.0	"	"	"	"	"	"	
Naphthalene	ND	1.0	"	"	"	"	"	"	
n-Propylbenzene	ND	1.0	"	"	"	"	"	"	
Styrene	ND	1.0	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	1.0	"	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	1.0	"	"	"	"	"	"	
Tetrachloroethene	ND	1.0	"	"	"	"	"	"	
1,2,3-Trichlorobenzene	ND	1.0	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	1.0	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	1.0	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	1.0	"	"	"	"	"	"	
Trichloroethene	ND	1.0	"	"	"	"	"	"	
Trichlorofluoromethane	ND	1.0	"	"	"	"	"	"	
1,2,3-Trichloropropane	ND	1.0	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	1.0	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	1.0	"	"	"	"	"	"	
Vinyl chloride	ND	1.0	"	"	"	"	"	"	
Benzene	ND	0.50	"	"	"	"	"	"	
Toluene	ND	0.50	"	"	"	"	"	"	
Ethylbenzene	ND	0.50	"	"	"	"	"	"	
m,p-Xylene	ND	1.0	"	"	"	"	"	"	
o-Xylene	ND	0.50	"	"	"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*95.1 %*	*83.5-119*		"	"	"	"	
Surrogate: Dibromofluoromethane		*111 %*	*81-136*		"	"	"	"	
Surrogate: Toluene-d8		*98.0 %*	*88.8-117*		"	"	"	"	

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Daniel Chavez, Project Manager

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Partner Engineering & Science, Inc.--Oakland	Project: 1919 Market St., Oakland, CA	
1017 22nd Ave. Suite 107	Project Number: 16-155080.3	**Reported:**
Oakland CA, 94606	Project Manager: Joe Mangine	04/15/16 16:16

B2-GW

T160733-23 (Water)

SunStar Laboratories, Inc.

Volatile Organic Compounds by EPA Method 8260B

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Bromobenzene	ND	1.0	ug/l	1	6041328	04/13/16	04/13/16	EPA 8260B	
Bromochloromethane	ND	1.0	"	"	"	"	"	"	
Bromodichloromethane	ND	1.0	"	"	"	"	"	"	
Bromoform	ND	1.0	"	"	"	"	"	"	
Bromomethane	ND	1.0	"	"	"	"	"	"	
n-Butylbenzene	ND	1.0	"	"	"	"	"	"	
sec-Butylbenzene	ND	1.0	"	"	"	"	"	"	
tert-Butylbenzene	ND	1.0	"	"	"	"	"	"	
Carbon tetrachloride	ND	0.50	"	"	"	"	"	"	
Chlorobenzene	ND	1.0	"	"	"	"	"	"	
Chloroethane	ND	1.0	"	"	"	"	"	"	
Chloroform	ND	1.0	"	"	"	"	"	"	
Chloromethane	ND	1.0	"	"	"	"	"	"	
2-Chlorotoluene	ND	1.0	"	"	"	"	"	"	
4-Chlorotoluene	ND	1.0	"	"	"	"	"	"	
Dibromochloromethane	ND	1.0	"	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	ND	5.0	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	1.0	"	"	"	"	"	"	
Dibromomethane	ND	1.0	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	1.0	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	1.0	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	1.0	"	"	"	"	"	"	
Dichlorodifluoromethane	ND	0.50	"	"	"	"	"	"	
1,1-Dichloroethane	ND	1.0	"	"	"	"	"	"	
1,2-Dichloroethane	ND	0.50	"	"	"	"	"	"	
1,1-Dichloroethene	ND	1.0	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	1.0	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	1.0	"	"	"	"	"	"	
1,2-Dichloropropane	ND	1.0	"	"	"	"	"	"	
1,3-Dichloropropane	ND	1.0	"	"	"	"	"	"	
2,2-Dichloropropane	ND	1.0	"	"	"	"	"	"	
1,1-Dichloropropene	ND	1.0	"	"	"	"	"	"	

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Daniel J Chavez

Daniel Chavez, Project Manager

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Oakland CA, 94606	Project Manager: Joe Mangine	04/15/16 16:16

B2-GW

T160733-23 (Water)

SunStar Laboratories, Inc.

Volatile Organic Compounds by EPA Method 8260B

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
cis-1,3-Dichloropropene	ND	0.50	ug/l	1	6041328	04/13/16	04/13/16	EPA 8260B	
trans-1,3-Dichloropropene	ND	0.50	"	"	"	"	"	"	
Hexachlorobutadiene	ND	1.0	"	"	"	"	"	"	
Isopropylbenzene	ND	1.0	"	"	"	"	"	"	
p-Isopropyltoluene	ND	1.0	"	"	"	"	"	"	
Methylene chloride	ND	1.0	"	"	"	"	"	"	
Naphthalene	ND	1.0	"	"	"	"	"	"	
n-Propylbenzene	ND	1.0	"	"	"	"	"	"	
Styrene	ND	1.0	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	1.0	"	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	1.0	"	"	"	"	"	"	
Tetrachloroethene	ND	1.0	"	"	"	"	"	"	
1,2,3-Trichlorobenzene	ND	1.0	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	1.0	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	1.0	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	1.0	"	"	"	"	"	"	
Trichloroethene	ND	1.0	"	"	"	"	"	"	
Trichlorofluoromethane	ND	1.0	"	"	"	"	"	"	
1,2,3-Trichloropropane	ND	1.0	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	1.0	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	1.0	"	"	"	"	"	"	
Vinyl chloride	ND	1.0	"	"	"	"	"	"	
Benzene	ND	0.50	"	"	"	"	"	"	
Toluene	ND	0.50	"	"	"	"	"	"	
Ethylbenzene	ND	0.50	"	"	"	"	"	"	
m,p-Xylene	ND	1.0	"	"	"	"	"	"	
o-Xylene	ND	0.50	"	"	"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*102 %*	*83.5-119*		"	"	"	"	
Surrogate: Dibromofluoromethane		*109 %*	*81-136*		"	"	"	"	
Surrogate: Toluene-d8		*96.1 %*	*88.8-117*		"	"	"	"	

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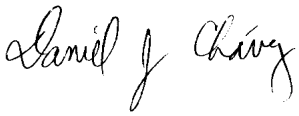

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Daniel Chavez, Project Manager

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1017 22nd Ave. Suite 107	Project Number: 16-155080.3	**Reported:**
Oakland CA, 94606	Project Manager: Joe Mangine	04/15/16 16:16

B3-GW

T160733-24 (Water)

SunStar Laboratories, Inc.

Volatile Organic Compounds by EPA Method 8260B

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Bromobenzene	ND	1.0	ug/l	1	6041328	04/13/16	04/13/16	EPA 8260B	
Bromochloromethane	ND	1.0	"	"	"	"	"	"	
Bromodichloromethane	ND	1.0	"	"	"	"	"	"	
Bromoform	ND	1.0	"	"	"	"	"	"	
Bromomethane	ND	1.0	"	"	"	"	"	"	
n-Butylbenzene	ND	1.0	"	"	"	"	"	"	
sec-Butylbenzene	ND	1.0	"	"	"	"	"	"	
tert-Butylbenzene	ND	1.0	"	"	"	"	"	"	
Carbon tetrachloride	ND	0.50	"	"	"	"	"	"	
Chlorobenzene	ND	1.0	"	"	"	"	"	"	
Chloroethane	ND	1.0	"	"	"	"	"	"	
Chloroform	ND	1.0	"	"	"	"	"	"	
Chloromethane	ND	1.0	"	"	"	"	"	"	
2-Chlorotoluene	ND	1.0	"	"	"	"	"	"	
4-Chlorotoluene	ND	1.0	"	"	"	"	"	"	
Dibromochloromethane	ND	1.0	"	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	ND	5.0	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	1.0	"	"	"	"	"	"	
Dibromomethane	ND	1.0	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	1.0	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	1.0	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	1.0	"	"	"	"	"	"	
Dichlorodifluoromethane	ND	0.50	"	"	"	"	"	"	
1,1-Dichloroethane	ND	1.0	"	"	"	"	"	"	
1,2-Dichloroethane	ND	0.50	"	"	"	"	"	"	
1,1-Dichloroethene	ND	1.0	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	1.0	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	1.0	"	"	"	"	"	"	
1,2-Dichloropropane	ND	1.0	"	"	"	"	"	"	
1,3-Dichloropropane	ND	1.0	"	"	"	"	"	"	
2,2-Dichloropropane	ND	1.0	"	"	"	"	"	"	
1,1-Dichloropropene	ND	1.0	"	"	"	"	"	"	

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Daniel J Chavez

Daniel Chavez, Project Manager

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B3-GW

T160733-24 (Water)

SunStar Laboratories, Inc.

Volatile Organic Compounds by EPA Method 8260B

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
cis-1,3-Dichloropropene	ND	0.50	ug/l	1	6041328	04/13/16	04/13/16	EPA 8260B	
trans-1,3-Dichloropropene	ND	0.50	"	"	"	"	"	"	
Hexachlorobutadiene	ND	1.0	"	"	"	"	"	"	
Isopropylbenzene	ND	1.0	"	"	"	"	"	"	
p-Isopropyltoluene	ND	1.0	"	"	"	"	"	"	
Methylene chloride	ND	1.0	"	"	"	"	"	"	
Naphthalene	ND	1.0	"	"	"	"	"	"	
n-Propylbenzene	ND	1.0	"	"	"	"	"	"	
Styrene	ND	1.0	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	1.0	"	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	1.0	"	"	"	"	"	"	
Tetrachloroethene	ND	1.0	"	"	"	"	"	"	
1,2,3-Trichlorobenzene	ND	1.0	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	1.0	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	1.0	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	1.0	"	"	"	"	"	"	
Trichloroethene	ND	1.0	"	"	"	"	"	"	
Trichlorofluoromethane	ND	1.0	"	"	"	"	"	"	
1,2,3-Trichloropropane	ND	1.0	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	1.0	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	1.0	"	"	"	"	"	"	
Vinyl chloride	ND	1.0	"	"	"	"	"	"	
Benzene	ND	0.50	"	"	"	"	"	"	
Toluene	ND	0.50	"	"	"	"	"	"	
Ethylbenzene	ND	0.50	"	"	"	"	"	"	
m,p-Xylene	ND	1.0	"	"	"	"	"	"	
o-Xylene	ND	0.50	"	"	"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*100 %*	*83.5-119*		"	"	"	"	
Surrogate: Dibromofluoromethane		*112 %*	*81-136*		"	"	"	"	
Surrogate: Toluene-d8		*90.9 %*	*88.8-117*		"	"	"	"	

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1017 22nd Ave. Suite 107	Project Number: 16-155080.3	**Reported:**
Oakland CA, 94606	Project Manager: Joe Mangine	04/15/16 16:16

B5-GW

T160733-25 (Water)

SunStar Laboratories, Inc.

Volatile Organic Compounds by EPA Method 8260B

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Bromobenzene	ND	1.0	ug/l	1	6041328	04/13/16	04/13/16	EPA 8260B	
Bromochloromethane	ND	1.0	"	"	"	"	"	"	
Bromodichloromethane	ND	1.0	"	"	"	"	"	"	
Bromoform	ND	1.0	"	"	"	"	"	"	
Bromomethane	ND	1.0	"	"	"	"	"	"	
n-Butylbenzene	ND	1.0	"	"	"	"	"	"	
sec-Butylbenzene	ND	1.0	"	"	"	"	"	"	
tert-Butylbenzene	ND	1.0	"	"	"	"	"	"	
Carbon tetrachloride	ND	0.50	"	"	"	"	"	"	
Chlorobenzene	ND	1.0	"	"	"	"	"	"	
Chloroethane	ND	1.0	"	"	"	"	"	"	
Chloroform	ND	1.0	"	"	"	"	"	"	
Chloromethane	ND	1.0	"	"	"	"	"	"	
2-Chlorotoluene	ND	1.0	"	"	"	"	"	"	
4-Chlorotoluene	ND	1.0	"	"	"	"	"	"	
Dibromochloromethane	ND	1.0	"	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	ND	5.0	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	1.0	"	"	"	"	"	"	
Dibromomethane	ND	1.0	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	1.0	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	1.0	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	1.0	"	"	"	"	"	"	
Dichlorodifluoromethane	ND	0.50	"	"	"	"	"	"	
1,1-Dichloroethane	ND	1.0	"	"	"	"	"	"	
1,2-Dichloroethane	ND	0.50	"	"	"	"	"	"	
1,1-Dichloroethene	ND	1.0	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	1.0	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	1.0	"	"	"	"	"	"	
1,2-Dichloropropane	ND	1.0	"	"	"	"	"	"	
1,3-Dichloropropane	ND	1.0	"	"	"	"	"	"	
2,2-Dichloropropane	ND	1.0	"	"	"	"	"	"	
1,1-Dichloropropene	ND	1.0	"	"	"	"	"	"	

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Daniel J Chavez

Daniel Chavez, Project Manager

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Partner Engineering & Science, Inc.--Oakland	Project: 1919 Market St., Oakland, CA	
1017 22nd Ave. Suite 107	Project Number: 16-155080.3	**Reported:**
Oakland CA, 94606	Project Manager: Joe Mangine	04/15/16 16:16

B5-GW

T160733-25 (Water)

SunStar Laboratories, Inc.

Volatile Organic Compounds by EPA Method 8260B

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
cis-1,3-Dichloropropene	ND	0.50	ug/l	1	6041328	04/13/16	04/13/16	EPA 8260B	
trans-1,3-Dichloropropene	ND	0.50	"	"	"	"	"	"	
Hexachlorobutadiene	ND	1.0	"	"	"	"	"	"	
Isopropylbenzene	ND	1.0	"	"	"	"	"	"	
p-Isopropyltoluene	ND	1.0	"	"	"	"	"	"	
Methylene chloride	ND	1.0	"	"	"	"	"	"	
Naphthalene	ND	1.0	"	"	"	"	"	"	
n-Propylbenzene	ND	1.0	"	"	"	"	"	"	
Styrene	ND	1.0	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	1.0	"	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	1.0	"	"	"	"	"	"	
Tetrachloroethene	**1.4**	1.0	"	"	"	"	"	"	
1,2,3-Trichlorobenzene	ND	1.0	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	1.0	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	1.0	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	1.0	"	"	"	"	"	"	
Trichloroethene	ND	1.0	"	"	"	"	"	"	
Trichlorofluoromethane	ND	1.0	"	"	"	"	"	"	
1,2,3-Trichloropropane	ND	1.0	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	1.0	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	1.0	"	"	"	"	"	"	
Vinyl chloride	ND	1.0	"	"	"	"	"	"	
Benzene	ND	0.50	"	"	"	"	"	"	
Toluene	ND	0.50	"	"	"	"	"	"	
Ethylbenzene	ND	0.50	"	"	"	"	"	"	
m,p-Xylene	ND	1.0	"	"	"	"	"	"	
o-Xylene	ND	0.50	"	"	"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*97.8 %*	*83.5-119*		"	"	"	"	
Surrogate: Dibromofluoromethane		*125 %*	*81-136*		"	"	"	"	
Surrogate: Toluene-d8		*95.9 %*	*88.8-117*		"	"	"	"	

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Partner Engineering & Science, Inc.--Oakland	Project: 1919 Market St., Oakland, CA	
1017 22nd Ave. Suite 107	Project Number: 16-155080.3	**Reported:**
Oakland CA, 94606	Project Manager: Joe Mangine	04/15/16 16:16

Volatile Organic Compounds by EPA Method 8260B - Quality Control

SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 6041322 - EPA 5030 GCMS										
Blank (6041322-BLK1)				Prepared & Analyzed: 04/13/16						
Bromobenzene	ND	0.0050	mg/kg							
Bromochloromethane	ND	0.0050	"							
Bromodichloromethane	ND	0.0050	"							
Bromoform	ND	0.0050	"							
Bromomethane	ND	0.0050	"							
n-Butylbenzene	ND	0.0050	"							
sec-Butylbenzene	ND	0.0050	"							
tert-Butylbenzene	ND	0.0050	"							
Carbon tetrachloride	ND	0.0050	"							
Chlorobenzene	ND	0.0050	"							
Chloroethane	ND	0.0050	"							
Chloroform	ND	0.0050	"							
Chloromethane	ND	0.0050	"							
2-Chlorotoluene	ND	0.0050	"							
4-Chlorotoluene	ND	0.0050	"							
Dibromochloromethane	ND	0.0050	"							
1,2-Dibromo-3-chloropropane	ND	0.010	"							
1,2-Dibromoethane (EDB)	ND	0.0050	"							
Dibromomethane	ND	0.0050	"							
1,2-Dichlorobenzene	ND	0.0050	"							
1,3-Dichlorobenzene	ND	0.0050	"							
1,4-Dichlorobenzene	ND	0.0050	"							
Dichlorodifluoromethane	ND	0.0050	"							
1,1-Dichloroethane	ND	0.0050	"							
1,2-Dichloroethane	ND	0.0050	"							
1,1-Dichloroethene	ND	0.0050	"							
cis-1,2-Dichloroethene	ND	0.0050	"							
trans-1,2-Dichloroethene	ND	0.0050	"							
1,2-Dichloropropane	ND	0.0050	"							
1,3-Dichloropropane	ND	0.0050	"							
2,2-Dichloropropane	ND	0.0050	"							
1,1-Dichloropropene	ND	0.0050	"							
cis-1,3-Dichloropropene	ND	0.0050	"							
trans-1,3-Dichloropropene	ND	0.0050	"							
Hexachlorobutadiene	ND	0.0050	"							
Isopropylbenzene	ND	0.0050	"							

SunStar Laboratories, Inc.

Daniel J Chavez

Daniel Chavez, Project Manager

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Providing Quality Analytical Services Nationwide

25712 Commercentre Drive
Lake Forest, California 92630
949.297.5020 Phone
949.297.5027 Fax

Partner Engineering & Science, Inc.--Oakland	Project: 1919 Market St., Oakland, CA	
1017 22nd Ave. Suite 107	Project Number: 16-155080.3	**Reported:**
Oakland CA, 94606	Project Manager: Joe Mangine	04/15/16 16:16

Volatile Organic Compounds by EPA Method 8260B - Quality Control

SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 6041322 - EPA 5030 GCMS										
Blank (6041322-BLK1)				Prepared & Analyzed: 04/13/16						
p-Isopropyltoluene	ND	0.0050	mg/kg							
Methylene chloride	ND	0.0050	"							
Naphthalene	ND	0.0050	"							
n-Propylbenzene	ND	0.0050	"							
Styrene	ND	0.0050	"							
1,1,2,2-Tetrachloroethane	ND	0.0050	"							
1,1,1,2-Tetrachloroethane	ND	0.0050	"							
Tetrachloroethene	ND	0.0050	"							
1,2,3-Trichlorobenzene	ND	0.0050	"							
1,2,4-Trichlorobenzene	ND	0.0050	"							
1,1,2-Trichloroethane	ND	0.0050	"							
1,1,1-Trichloroethane	ND	0.0050	"							
Trichloroethene	ND	0.0050	"							
Trichlorofluoromethane	ND	0.0050	"							
1,2,3-Trichloropropane	ND	0.0050	"							
1,3,5-Trimethylbenzene	ND	0.0050	"							
1,2,4-Trimethylbenzene	ND	0.0050	"							
Vinyl chloride	ND	0.0050	"							
Benzene	ND	0.0050	"							
Toluene	ND	0.0050	"							
Ethylbenzene	ND	0.0050	"							
m,p-Xylene	ND	0.010	"							
o-Xylene	ND	0.0050	"							
Surrogate: 4-Bromofluorobenzene	*0.0367*		"	*0.0397*		*92.5*	*81.2-123*			
Surrogate: Dibromofluoromethane	*0.0539*		"	*0.0397*		*136*	*95.7-135*			*S-GC*
Surrogate: Toluene-d8	*0.0367*		"	*0.0397*		*92.5*	*85.5-116*			
LCS (6041322-BS1)				Prepared & Analyzed: 04/13/16						
Chlorobenzene	0.0999	0.0050	mg/kg	0.0994		100	75-125			
1,1-Dichloroethene	0.103	0.0050	"	0.0994		103	75-125			
Trichloroethene	0.0943	0.0050	"	0.0994		94.8	75-125			
Benzene	0.0863	0.0050	"	0.0994		86.8	75-125			
Toluene	0.0893	0.0050	"	0.0994		89.8	75-125			
Surrogate: 4-Bromofluorobenzene	*0.0436*		"	*0.0398*		*110*	*81.2-123*			
Surrogate: Dibromofluoromethane	*0.0686*		"	*0.0398*		*172*	*95.7-135*			*S-GC*
Surrogate: Toluene-d8	*0.0355*		"	*0.0398*		*89.4*	*85.5-116*			

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Oakland CA, 94606	Project Manager: Joe Mangine	04/15/16 16:16

Volatile Organic Compounds by EPA Method 8260B - Quality Control

SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 6041322 - EPA 5030 GCMS										
LCS Dup (6041322-BSD1)				Prepared & Analyzed: 04/13/16						
Chlorobenzene	0.0996	0.0050	mg/kg	0.100		99.6	75-125	0.301	20	
1,1-Dichloroethene	0.0988	0.0050	"	0.100		98.8	75-125	3.86	20	
Trichloroethene	0.0974	0.0050	"	0.100		97.4	75-125	3.30	20	
Benzene	0.0926	0.0050	"	0.100		92.6	75-125	7.01	20	
Toluene	0.0940	0.0050	"	0.100		94.0	75-125	5.06	20	
Surrogate: 4-Bromofluorobenzene	*0.0404*		*"*	*0.0400*		*101*	*81.2-123*			
Surrogate: Dibromofluoromethane	*0.0646*		*"*	*0.0400*		*161*	*95.7-135*			*S-GC*
Surrogate: Toluene-d8	*0.0356*		*"*	*0.0400*		*89.0*	*85.5-116*			
Batch 6041328 - EPA 5030 GCMS										
Blank (6041328-BLK1)				Prepared & Analyzed: 04/13/16						
Bromobenzene	ND	1.0	ug/l							
Bromochloromethane	ND	1.0	"							
Bromodichloromethane	ND	1.0	"							
Bromoform	ND	1.0	"							
Bromomethane	ND	1.0	"							
n-Butylbenzene	ND	1.0	"							
sec-Butylbenzene	ND	1.0	"							
tert-Butylbenzene	ND	1.0	"							
Carbon tetrachloride	ND	0.50	"							
Chlorobenzene	ND	1.0	"							
Chloroethane	ND	1.0	"							
Chloroform	ND	1.0	"							
Chloromethane	ND	1.0	"							
2-Chlorotoluene	ND	1.0	"							
4-Chlorotoluene	ND	1.0	"							
Dibromochloromethane	ND	1.0	"							
1,2-Dibromo-3-chloropropane	ND	5.0	"							
1,2-Dibromoethane (EDB)	ND	1.0	"							
Dibromomethane	ND	1.0	"							
1,2-Dichlorobenzene	ND	1.0	"							
1,3-Dichlorobenzene	ND	1.0	"							
1,4-Dichlorobenzene	ND	1.0	"							
Dichlorodifluoromethane	ND	0.50	"							
1,1-Dichloroethane	ND	1.0	"							

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Daniel Chavez, Project Manager

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Partner Engineering & Science, Inc.--Oakland	Project: 1919 Market St., Oakland, CA	
1017 22nd Ave. Suite 107	Project Number: 16-155080.3	**Reported:**
Oakland CA, 94606	Project Manager: Joe Mangine	04/15/16 16:16

Volatile Organic Compounds by EPA Method 8260B - Quality Control

SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 6041328 - EPA 5030 GCMS										
Blank (6041328-BLK1)				Prepared & Analyzed: 04/13/16						
1,2-Dichloroethane	ND	0.50	ug/l							
1,1-Dichloroethene	ND	1.0	"							
cis-1,2-Dichloroethene	ND	1.0	"							
trans-1,2-Dichloroethene	ND	1.0	"							
1,2-Dichloropropane	ND	1.0	"							
1,3-Dichloropropane	ND	1.0	"							
2,2-Dichloropropane	ND	1.0	"							
1,1-Dichloropropene	ND	1.0	"							
cis-1,3-Dichloropropene	ND	0.50	"							
trans-1,3-Dichloropropene	ND	0.50	"							
Hexachlorobutadiene	ND	1.0	"							
Isopropylbenzene	ND	1.0	"							
p-Isopropyltoluene	ND	1.0	"							
Methylene chloride	ND	1.0	"							
Naphthalene	ND	1.0	"							
n-Propylbenzene	ND	1.0	"							
Styrene	ND	1.0	"							
1,1,2,2-Tetrachloroethane	ND	1.0	"							
1,1,1,2-Tetrachloroethane	ND	1.0	"							
Tetrachloroethene	ND	1.0	"							
1,2,3-Trichlorobenzene	ND	1.0	"							
1,2,4-Trichlorobenzene	ND	1.0	"							
1,1,2-Trichloroethane	ND	1.0	"							
1,1,1-Trichloroethane	ND	1.0	"							
Trichloroethene	ND	1.0	"							
Trichlorofluoromethane	ND	1.0	"							
1,2,3-Trichloropropane	ND	1.0	"							
1,3,5-Trimethylbenzene	ND	1.0	"							
1,2,4-Trimethylbenzene	ND	1.0	"							
Vinyl chloride	ND	1.0	"							
Benzene	ND	0.50	"							
Toluene	ND	0.50	"							
Ethylbenzene	ND	0.50	"							
m,p-Xylene	ND	1.0	"							
o-Xylene	ND	0.50	"							

SunStar Laboratories, Inc.

Daniel J Chavez

Daniel Chavez, Project Manager

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Partner Engineering & Science, Inc.--Oakland	Project: 1919 Market St., Oakland, CA	
1017 22nd Ave. Suite 107	Project Number: 16-155080.3	**Reported:**
Oakland CA, 94606	Project Manager: Joe Mangine	04/15/16 16:16

Volatile Organic Compounds by EPA Method 8260B - Quality Control

SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 6041328 - EPA 5030 GCMS										
Blank (6041328-BLK1)				Prepared & Analyzed: 04/13/16						
Surrogate: 4-Bromofluorobenzene	*7.49*		*ug/l*	*8.00*		*93.6*	*83.5-119*			
Surrogate: Dibromofluoromethane	*8.33*		*"*	*8.00*		*104*	*81-136*			
Surrogate: Toluene-d8	*7.41*		*"*	*8.00*		*92.6*	*88.8-117*			
LCS (6041328-BS1)				Prepared & Analyzed: 04/13/16						
Chlorobenzene	19.4	1.0	ug/l	20.0		97.0	75-125			
1,1-Dichloroethene	17.0	1.0	"	20.0		85.2	75-125			
Trichloroethene	19.3	1.0	"	20.0		96.6	75-125			
Benzene	18.6	0.50	"	20.0		93.0	75-125			
Toluene	18.5	0.50	"	20.0		92.4	75-125			
Surrogate: 4-Bromofluorobenzene	*9.08*		*"*	*8.00*		*114*	*83.5-119*			
Surrogate: Dibromofluoromethane	*9.43*		*"*	*8.00*		*118*	*81-136*			
Surrogate: Toluene-d8	*7.40*		*"*	*8.00*		*92.5*	*88.8-117*			
LCS Dup (6041328-BSD1)				Prepared & Analyzed: 04/13/16						
Chlorobenzene	19.0	1.0	ug/l	20.0		95.2	75-125	1.82	20	
1,1-Dichloroethene	17.0	1.0	"	20.0		85.2	75-125	0.00	20	
Trichloroethene	19.9	1.0	"	20.0		99.7	75-125	3.16	20	
Benzene	18.3	0.50	"	20.0		91.4	75-125	1.73	20	
Toluene	18.7	0.50	"	20.0		93.4	75-125	0.969	20	
Surrogate: 4-Bromofluorobenzene	*8.27*		*"*	*8.00*		*103*	*83.5-119*			
Surrogate: Dibromofluoromethane	*9.89*		*"*	*8.00*		*124*	*81-136*			
Surrogate: Toluene-d8	*7.37*		*"*	*8.00*		*92.1*	*88.8-117*			

SunStar Laboratories, Inc.

Daniel Chavez, Project Manager

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Partner Engineering & Science, Inc.--Oakland	Project: 1919 Market St., Oakland, CA	
1017 22nd Ave. Suite 107	Project Number: 16-155080.3	**Reported:**
Oakland CA, 94606	Project Manager: Joe Mangine	04/15/16 16:16

Notes and Definitions

S-GC	Surrogate recovery outside of established control limits. The data was accepted based on valid recovery of the remaining surrogate(s).
DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
dry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference

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Daniel J Chavez

Daniel Chavez, Project Manager

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PROVIDING QUALITY ANALYTICAL SERVICES NATIONWIDE

25712 Commercentre Drive, Lake Forest, CA 92630
949-297-5020

Chain of Custody Record

Client: Partner ESI
Address: 1017 22nd Ave #107, Oakland 94611
Phone: 510-431-6263 Fax:
Project Manager: Joe Mangine

Date: 4/11/16 Page: 1 Of 2
Project Name: 1919 & Market St
Collector: CF, NM, JM Client Project #: 16-1550803
Batch #: 7160733 EDF #:

Sample ID	Date Sampled	Time	Sample Type	Container Type	8260	8260 + OXY	8260 BTEX, OXY only	8270	8021 BTEX	8015M (gasoline)	8015M (diesel)	8015M Ext./Carbon Chain	6010/7000 Title 22 Metals	6020 ICP-MS Metals				Laboratory ID #	Comments/Preservative	Total # of containers
B1-2	4/11/16	0952	Soil	Acetate	X													01		
B1-5		0956																02		
B1-10		1005																03		
B1-15		1017																04		
B2-2		1530																05		
B2-5		1534			X													06		
B2-10		1538																07		
B2-15		1540																08		
B3-2		1410 ~~1530~~			X													09		
B3-5		1416																10		
B3-10		1421																11		
B3-15		1446																12		
B4-3		1248			X													13		
B4-5		1251																14		
B4-10		1300																15		

Relinquished by: (signature)	Date / Time	Received by: (signature)	Date / Time
Cynthia Fuchs	4/12/16 10:17 am	Ed Stevens	4/12/16 10:17
GSO 4:13:16 8:50		4:12:16 8:50	

Total # of containers
Chain of Custody seals Y/N/NA
Seals intact? Y/N/NA
Received good condition/cold 5.7

Turn around time: 72

Notes
72 hour
72 HRS RT

Sample disposal Instructions: Disposal @ $2.00 each ___ Return to client ___ Pickup ___

COC 140775

SunStar Laboratories, Inc.

PROVIDING QUALITY ANALYTICAL SERVICES NATIONWIDE

25712 Commercentre Drive, Lake Forest, CA 92630
949-297-5020

Chain of Custody Record

Client: Partner ESI
Address: 1017 22nd Ave #107, Oakland 94611
Phone: 510-431-6263 Fax:
Project Manager: Joe Mangine

Date: 4/11/16 Page: 2 Of 2
Project Name: 1919 Market St.
Collector: CF, NM, JM Client Project #: 16-155080.3
Batch #: 7160733 EDF #:

Sample ID	Date Sampled	Time	Sample Type	Container Type	8260	8260 + OXY	8260 BTEX, OXY only	8270	8021 BTEX	8015M (gasoline)	8015M (diesel)	8015M Ext./Carbon Chain	6010/7000 Title 22 Metals	6020 ICP-MS Metals				Laboratory ID #	Comments/Preservative	Total # of containers
B4-15	4/11/16	1310	soil	acetate														16		
B5-3		1108			X													17		
B5-5		1125																18		
B5-10		1130																19		
B5-15		1140																20		
B5-20		1225																21		
B1-GW		1155	water	~~water~~ VOAs	X													22		
B2-GW		1545			X													23		
B3-GW		1450			X													24		
B5-GW		1220			X													25		

Relinquished by: (signature)	Date / Time	Received by: (signature)	Date / Time
[signature]	4/12/16 10:17 am	[signature]	4/12/16 1017
[signature] GSO	4-13-16 8:50	[signature]	4-13-16 8:50

Total # of containers
Chain of Custody seals Y/N/NA
Seals intact? Y/N/NA
Received good condition/cold 5.7

Turn around time: 72hr

Notes
72-hour
~~RUSH~~ 72 HRS AT

Sample disposal Instructions: Disposal @ $2.00 each ____ Return to client ____ Pickup ____

COC 140943

SunStar Laboratories, Inc.
PROVIDING QUALITY ANALYTICAL SERVICES NATIONWIDE

SAMPLE RECEIVING REVIEW SHEET

Batch/Work Order #: T160733

Client Name: PARTNER - OAK. Project: 1919 MARKET ST.

Delivered by: ☐ Client ☐ SunStar Courier ☒ GSO ☐ FedEx ☐ Other

If Courier, Received by: Date/Time Courier Received:

Lab Received by: SUNNY Date/Time Lab Received: 4.13.16 / 8:50

Total number of coolers received: 1

Temperature:	Cooler #1 5.9	°C +/- the CF (- 0.2°C) = 5.7	°C	corrected temperature
Temperature:	Cooler #2	°C +/- the CF (- 0.2°C) =	°C	corrected temperature
Temperature:	Cooler #3	°C +/- the CF (- 0.2°C) =	°C	corrected temperature

Temperature criteria = ≤ 6°C (no frozen containers) Within criteria? ☒ **Yes** ☐ **No**

If NO:

Samples received on ice? ☐ Yes ☐ **No → Complete Non-Conformance Sheet**

If on ice, samples received same day collected? ☐ Yes → Acceptable ☐ **No → Complete Non-Conformance Sheet**

Custody seals intact on cooler/sample	☒ Yes	☐ No*	☐ N/A
Sample containers intact	☒ Yes	☐ No*	
Sample labels match Chain of Custody IDs	☒ Yes	☐ No*	
Total number of containers received match COC	☒ Yes	☐ No*	
Proper containers received for analyses requested on COC	☒ Yes	☐ No*	
Proper preservative indicated on COC/containers for analyses requested	☒ Yes	☐ No*	☐ N/A
Complete shipment received in good condition with correct temperatures, containers, labels, volumes preservatives and within method specified holding times	☒ **Yes**	☐ **No***	

* Complete Non-Conformance Receiving Sheet if checked

Cooler/Sample Review - Initials and date: SL 4.13.16

Comments:

(949) 297-5020 ■ www.sunstarlabs.com ■ 25712 Commercentre Drive ■ Lake Forest, CA 92630

SunStar Laboratories, Inc.
PROVIDING QUALITY ANALYTICAL SERVICES NATIONWIDE

WORK ORDER

T160733

Client: **Partner Engineering & Science, Inc.--Oakland** **Project Manager:** **Daniel Chavez**
Project: **1919 Market St., Oakland, CA** **Project Number:** **16-155080.3**

Report To:
Partner Engineering & Science, Inc.--Oakland
Joe Mangine
1017 22nd Ave. Suite 107
Oakland, CA 94606

Date Due:	04/15/16 15:00 (2 day TAT)		
Received By:	Sunny Lounethone	Date Received:	04/13/16 08:50
Logged In By:	Sunny Lounethone	Date Logged In:	04/13/16 09:12

Samples Received at: **5.7°C**

Custody Seals	Yes	Received On Ice	Yes
Containers Intact	Yes		
COC/Labels Agree	Yes		
Preservation Confirı	Yes		

Analysis	Due	TAT	Expires	Comments
T160733-01 B1-2 [Soil] Sampled 04/11/16 09:52 (GMT-08:00) Pacific Time (US &				
8260	04/15/16 15:00	2	04/25/16 09:52	
T160733-02 B1-5 [Soil] Sampled 04/11/16 09:56 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T160733-03 B1-10 [Soil] Sampled 04/11/16 10:05 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T160733-04 B1-15 [Soil] Sampled 04/11/16 10:17 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T160733-05 B2-2 [Soil] Sampled 04/11/16 15:30 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T160733-06 B2-5 [Soil] Sampled 04/11/16 15:34 (GMT-08:00) Pacific Time (US &				
8260	04/15/16 15:00	2	04/25/16 15:34	
T160733-07 B2-10 [Soil] Sampled 04/11/16 15:38 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T160733-08 B2-15 [Soil] Sampled 04/11/16 15:40 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				

SunStar Laboratories, Inc.
PROVIDING QUALITY ANALYTICAL SERVICES NATIONWIDE

WORK ORDER

T160733

Client: Partner Engineering & Science, Inc.--Oakland
Project: 1919 Market St., Oakland, CA
Project Manager: Daniel Chavez
Project Number: 16-155080.3

Analysis	Due	TAT	Expires	Comments
T160733-09 B3-2 [Soil] Sampled 04/11/16 14:10 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T160733-10 B3-5 [Soil] Sampled 04/11/16 14:16 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T160733-11 B3-10 [Soil] Sampled 04/11/16 14:21 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T160733-12 B3-15 [Soil] Sampled 04/11/16 14:46 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T160733-13 B4-3 [Soil] Sampled 04/11/16 12:48 (GMT-08:00) Pacific Time (US &				
8260	04/15/16 15:00	2	04/25/16 12:48	
T160733-14 B4-5 [Soil] Sampled 04/11/16 12:51 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T160733-15 B4-10 [Soil] Sampled 04/11/16 13:00 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T160733-16 B4-15 [Soil] Sampled 04/11/16 13:10 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T160733-17 B5-3 [Soil] Sampled 04/11/16 11:08 (GMT-08:00) Pacific Time (US &				
8260	04/15/16 15:00	2	04/25/16 11:08	
T160733-18 B5-5 [Soil] Sampled 04/11/16 11:25 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T160733-19 B5-10 [Soil] Sampled 04/11/16 11:30 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T160733-20 B5-15 [Soil] Sampled 04/11/16 11:40 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				

SunStar Laboratories, Inc.
PROVIDING QUALITY ANALYTICAL SERVICES NATIONWIDE

WORK ORDER

T160733

Client: Partner Engineering & Science, Inc.--Oakland
Project: 1919 Market St., Oakland, CA
Project Manager: Daniel Chavez
Project Number: 16-155080.3

Analysis	Due	TAT	Expires	Comments
T160733-21 B5-20 [Soil] Sampled 04/11/16 12:25 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T160733-22 B1-GW [Water] Sampled 04/11/16 11:55 (GMT-08:00) Pacific Time (US &				
8260	04/15/16 15:00	2	04/25/16 11:55	
T160733-23 B2-GW [Water] Sampled 04/11/16 15:45 (GMT-08:00) Pacific Time (US &				
8260	04/15/16 15:00	2	04/25/16 15:45	
T160733-24 B3-GW [Water] Sampled 04/11/16 14:50 (GMT-08:00) Pacific Time (US &				
8260	04/15/16 15:00	2	04/25/16 14:50	
T160733-25 B5GW [Water] Sampled 04/11/16 12:20 (GMT-08:00) Pacific Time (US &				
8260	04/15/16 15:00	2	04/25/16 12:20	

Reviewed By

Date

SunStar Laboratories, Inc.
PROVIDING QUALITY ANALYTICAL SERVICES NATIONWIDE

25712 Commercentre Drive
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15 April 2016

Joe Mangine
Partner Engineering & Science, Inc.--Oakland
1017 22nd Ave. Suite 107
Oakland, CA 94606

RE: 1919 Market St., Oakland, CA

Enclosed are the results of analyses for samples received by the laboratory on 04/13/16 08:50. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Daniel Chavez
Project Manager

SunStar Laboratories, Inc.
PROVIDING QUALITY ANALYTICAL SERVICES NATIONWIDE

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Partner Engineering & Science, Inc.--Oakland	Project: 1919 Market St., Oakland, CA	
1017 22nd Ave. Suite 107	Project Number: 16-155080.3	**Reported:**
Oakland CA, 94606	Project Manager: Joe Mangine	04/15/16 16:19

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
B1-SG-5	T160734-01	Air	04/11/16 15:53	04/13/16 08:50
B2-SG-5	T160734-02	Air	04/11/16 16:31	04/13/16 08:50
B3-SG-5	T160734-03	Air	04/11/16 16:15	04/13/16 08:50
B4-SG-5	T160734-04	Air	04/11/16 15:32	04/13/16 08:50
B5-SG-5	T160734-05	Air	04/11/16 15:13	04/13/16 08:50
B3-SG-5D	T160734-06	Air	04/11/16 16:15	04/13/16 08:50

SunStar Laboratories, Inc.

Daniel Chavez, Project Manager

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Partner Engineering & Science, Inc.--Oakland	Project: 1919 Market St., Oakland, CA	
1017 22nd Ave. Suite 107	Project Number: 16-155080.3	**Reported:**
Oakland CA, 94606	Project Manager: Joe Mangine	04/15/16 16:19

DETECTIONS SUMMARY

Sample ID: B1-SG-5 **Laboratory ID:** T160734-01

Analyte	Result	Reporting Limit	Units	Method	Notes
Tetrachloroethene	**25**	6.9	ug/m³ Air	TO-15	
Trichloroethene	**150**	5.5	ug/m³ Air	TO-15	

Sample ID: B2-SG-5 **Laboratory ID:** T160734-02

Analyte	Result	Reporting Limit	Units	Method	Notes
Chloroform	**77**	5.0	ug/m³ Air	TO-15	
Tetrachloroethene	**17**	6.9	ug/m³ Air	TO-15	
Ethylbenzene	**66**	4.4	ug/m³ Air	TO-15	
m,p-Xylene	**270**	8.8	ug/m³ Air	TO-15	
o-Xylene	**130**	4.4	ug/m³ Air	TO-15	

Sample ID: B3-SG-5 **Laboratory ID:** T160734-03

Analyte	Result	Reporting Limit	Units	Method	Notes
Tetrachloroethene	**2200**	350	ug/m³ Air	TO-15	TO-14
Trichloroethene	**880**	270	ug/m³ Air	TO-15	TO-14

Sample ID: B4-SG-5 **Laboratory ID:** T160734-04

Analyte	Result	Reporting Limit	Units	Method	Notes
Chloroform	**910**	250	ug/m³ Air	TO-15	TO-14

Sample ID: B5-SG-5 **Laboratory ID:** T160734-05

Analyte	Result	Reporting Limit	Units	Method	Notes
Carbon tetrachloride	**19**	6.4	ug/m³ Air	TO-15	
Chloroform	**11**	5.0	ug/m³ Air	TO-15	
Heptane	**6.7**	4.2	ug/m³ Air	TO-15	

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1017 22nd Ave. Suite 107	Project Number: 16-155080.3	**Reported:**
Oakland CA, 94606	Project Manager: Joe Mangine	04/15/16 16:19

Sample ID: B5-SG-5 **Laboratory ID:** T160734-05

Analyte	Result	Reporting Limit	Units	Method	Notes
Tetrachloroethene	**190**	6.9	ug/m³ Air	TO-15	
1,1,1-Trichloroethane	**46**	5.6	ug/m³ Air	TO-15	

Sample ID: B3-SG-5D **Laboratory ID:** T160734-06

Analyte	Result	Reporting Limit	Units	Method	Notes
Isopropyl alcohol	**4000**	13	ug/m³ Air	TO-15	
Tetrachloroethene	**17**	6.9	ug/m³ Air	TO-15	
Trichloroethene	**30**	5.5	ug/m³ Air	TO-15	

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Partner Engineering & Science, Inc.--Oakland	Project: 1919 Market St., Oakland, CA	
1017 22nd Ave. Suite 107	Project Number: 16-155080.3	**Reported:**
Oakland CA, 94606	Project Manager: Joe Mangine	04/15/16 16:19

B1-SG-5

T160734-01 (Air)

SunStar Laboratories, Inc.

TO-15

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Acetone	ND	12	ug/m³ Air	1.64	6041333	04/13/16	04/14/16	TO-15	
1,3-Butadiene	ND	4.5	"	"	"	"	"	"	
Carbon Disulfide	ND	3.2	"	"	"	"	"	"	
1,1,2-trichloro-1,2,2-trifluoroethane (CFC 113)	ND	7.7	"	"	"	"	"	"	
Isopropyl alcohol	ND	13	"	"	"	"	"	"	
Bromodichloromethane	ND	6.8	"	"	"	"	"	"	
Bromoform	ND	11	"	"	"	"	"	"	
Bromomethane	ND	4.0	"	"	"	"	"	"	
Carbon tetrachloride	ND	6.4	"	"	"	"	"	"	
Chlorobenzene	ND	4.7	"	"	"	"	"	"	
Chloroethane	ND	2.7	"	"	"	"	"	"	
Chloroform	ND	5.0	"	"	"	"	"	"	
Chloromethane	ND	11	"	"	"	"	"	"	
Cyclohexane	ND	3.5	"	"	"	"	"	"	
Heptane	ND	4.2	"	"	"	"	"	"	
Hexane	ND	3.6	"	"	"	"	"	"	
Dibromochloromethane	ND	8.7	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	7.8	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	6.1	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	6.1	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	6.1	"	"	"	"	"	"	
Dichlorodifluoromethane	ND	5.0	"	"	"	"	"	"	
1,1-Dichloroethane	ND	4.1	"	"	"	"	"	"	
1,2-Dichloroethane	ND	4.1	"	"	"	"	"	"	
1,1-Dichloroethene	ND	4.0	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	4.0	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	4.0	"	"	"	"	"	"	
1,2-Dichloropropane	ND	4.7	"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	4.6	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	4.6	"	"	"	"	"	"	
4-Ethyltoluene	ND	5.0	"	"	"	"	"	"	

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Daniel Chavez, Project Manager

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1017 22nd Ave. Suite 107	Project Number: 16-155080.3	**Reported:**
Oakland CA, 94606	Project Manager: Joe Mangine	04/15/16 16:19

B1-SG-5

T160734-01 (Air)

SunStar Laboratories, Inc.

TO-15

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Methylene chloride	ND	3.5	ug/m³ Air	1.64	6041333	04/13/16	04/14/16	TO-15	
Styrene	ND	4.3	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	7.0	"	"	"	"	"	"	
Tetrahydrofuran	ND	3.0	"	"	"	"	"	"	
Tetrachloroethene	**25**	6.9	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	5.6	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	5.6	"	"	"	"	"	"	
Trichloroethene	**150**	5.5	"	"	"	"	"	"	
Trichlorofluoromethane	ND	5.7	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	5.0	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	5.0	"	"	"	"	"	"	
Vinyl acetate	ND	3.6	"	"	"	"	"	"	
Vinyl chloride	ND	2.6	"	"	"	"	"	"	
1,4-Dioxane	ND	18	"	"	"	"	"	"	
2-Butanone (MEK)	ND	15	"	"	"	"	"	"	
Methyl isobutyl ketone	ND	42	"	"	"	"	"	"	
Benzene	ND	3.3	"	"	"	"	"	"	
Toluene	ND	3.8	"	"	"	"	"	"	
Ethylbenzene	ND	4.4	"	"	"	"	"	"	
m,p-Xylene	ND	8.8	"	"	"	"	"	"	
o-Xylene	ND	4.4	"	"	"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*70.2 %*	*40-160*		"	"	"	"	

SunStar Laboratories, Inc.

Daniel J Chavez

Daniel Chavez, Project Manager

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Partner Engineering & Science, Inc.--Oakland	Project: 1919 Market St., Oakland, CA	
1017 22nd Ave. Suite 107	Project Number: 16-155080.3	**Reported:**
Oakland CA, 94606	Project Manager: Joe Mangine	04/15/16 16:19

B2-SG-5

T160734-02 (Air)

SunStar Laboratories, Inc.

TO-15

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Acetone	ND	12	ug/m³ Air	1.63	6041333	04/13/16	04/14/16	TO-15	
1,3-Butadiene	ND	4.5	"	"	"	"	"	"	
Carbon Disulfide	ND	3.2	"	"	"	"	"	"	
1,1,2-trichloro-1,2,2-trifluoroethane (CFC 113)	ND	7.7	"	"	"	"	"	"	
Isopropyl alcohol	ND	13	"	"	"	"	"	"	
Bromodichloromethane	ND	6.8	"	"	"	"	"	"	
Bromoform	ND	11	"	"	"	"	"	"	
Bromomethane	ND	4.0	"	"	"	"	"	"	
Carbon tetrachloride	ND	6.4	"	"	"	"	"	"	
Chlorobenzene	ND	4.7	"	"	"	"	"	"	
Chloroethane	ND	2.7	"	"	"	"	"	"	
Chloroform	**77**	5.0	"	"	"	"	"	"	
Chloromethane	ND	11	"	"	"	"	"	"	
Cyclohexane	ND	3.5	"	"	"	"	"	"	
Heptane	ND	4.2	"	"	"	"	"	"	
Hexane	ND	3.6	"	"	"	"	"	"	
Dibromochloromethane	ND	8.7	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	7.8	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	6.1	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	6.1	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	6.1	"	"	"	"	"	"	
Dichlorodifluoromethane	ND	5.0	"	"	"	"	"	"	
1,1-Dichloroethane	ND	4.1	"	"	"	"	"	"	
1,2-Dichloroethane	ND	4.1	"	"	"	"	"	"	
1,1-Dichloroethene	ND	4.0	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	4.0	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	4.0	"	"	"	"	"	"	
1,2-Dichloropropane	ND	4.7	"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	4.6	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	4.6	"	"	"	"	"	"	
4-Ethyltoluene	ND	5.0	"	"	"	"	"	"	

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Daniel Chavez, Project Manager

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1017 22nd Ave. Suite 107	Project Number: 16-155080.3	**Reported:**
Oakland CA, 94606	Project Manager: Joe Mangine	04/15/16 16:19

B2-SG-5

T160734-02 (Air)

SunStar Laboratories, Inc.

TO-15

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Methylene chloride	ND	3.5	ug/m³ Air	1.63	6041333	04/13/16	04/14/16	TO-15	
Styrene	ND	4.3	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	7.0	"	"	"	"	"	"	
Tetrahydrofuran	ND	3.0	"	"	"	"	"	"	
Tetrachloroethene	**17**	6.9	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	5.6	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	5.6	"	"	"	"	"	"	
Trichloroethene	ND	5.5	"	"	"	"	"	"	
Trichlorofluoromethane	ND	5.7	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	5.0	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	5.0	"	"	"	"	"	"	
Vinyl acetate	ND	3.6	"	"	"	"	"	"	
Vinyl chloride	ND	2.6	"	"	"	"	"	"	
1,4-Dioxane	ND	18	"	"	"	"	"	"	
2-Butanone (MEK)	ND	15	"	"	"	"	"	"	
Methyl isobutyl ketone	ND	42	"	"	"	"	"	"	
Benzene	ND	3.3	"	"	"	"	"	"	
Toluene	ND	3.8	"	"	"	"	"	"	
Ethylbenzene	**66**	4.4	"	"	"	"	"	"	
m,p-Xylene	**270**	8.8	"	"	"	"	"	"	
o-Xylene	**130**	4.4	"	"	"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*71.2 %*	*40-160*		"	"	"	"	

SunStar Laboratories, Inc.

Daniel J Chavez

Daniel Chavez, Project Manager

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1017 22nd Ave. Suite 107	Project Number: 16-155080.3	**Reported:**
Oakland CA, 94606	Project Manager: Joe Mangine	04/15/16 16:19

B3-SG-5

T160734-03 (Air)

SunStar Laboratories, Inc.

TO-15

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Acetone	ND	120	ug/m³ Air	1.57	6041333	04/13/16	04/15/16	TO-15	TO-14
1,3-Butadiene	ND	110	"	"	"	"	"	"	TO-14
Carbon Disulfide	ND	160	"	"	"	"	"	"	TO-14
1,1,2-trichloro-1,2,2-trifluoroethane (CFC 113)	ND	390	"	"	"	"	"	"	TO-14
Isopropyl alcohol	ND	130	"	"	"	"	"	"	TO-14
Bromodichloromethane	ND	340	"	"	"	"	"	"	TO-14
Bromoform	ND	530	"	"	"	"	"	"	TO-14
Bromomethane	ND	200	"	"	"	"	"	"	TO-14
Carbon tetrachloride	ND	320	"	"	"	"	"	"	TO-14
Chlorobenzene	ND	230	"	"	"	"	"	"	TO-14
Chloroethane	ND	130	"	"	"	"	"	"	TO-14
Chloroform	ND	250	"	"	"	"	"	"	TO-14
Chloromethane	ND	110	"	"	"	"	"	"	TO-14
Cyclohexane	ND	170	"	"	"	"	"	"	TO-14
Heptane	ND	210	"	"	"	"	"	"	TO-14
Hexane	ND	180	"	"	"	"	"	"	TO-14
Dibromochloromethane	ND	430	"	"	"	"	"	"	TO-14
1,2-Dibromoethane (EDB)	ND	390	"	"	"	"	"	"	TO-14
1,2-Dichlorobenzene	ND	310	"	"	"	"	"	"	TO-14
1,3-Dichlorobenzene	ND	310	"	"	"	"	"	"	TO-14
1,4-Dichlorobenzene	ND	310	"	"	"	"	"	"	TO-14
Dichlorodifluoromethane	ND	250	"	"	"	"	"	"	TO-14
1,1-Dichloroethane	ND	210	"	"	"	"	"	"	TO-14
1,2-Dichloroethane	ND	210	"	"	"	"	"	"	TO-14
1,1-Dichloroethene	ND	200	"	"	"	"	"	"	TO-14
cis-1,2-Dichloroethene	ND	200	"	"	"	"	"	"	TO-14
trans-1,2-Dichloroethene	ND	200	"	"	"	"	"	"	TO-14
1,2-Dichloropropane	ND	240	"	"	"	"	"	"	TO-14
cis-1,3-Dichloropropene	ND	230	"	"	"	"	"	"	TO-14
trans-1,3-Dichloropropene	ND	230	"	"	"	"	"	"	TO-14
4-Ethyltoluene	ND	250	"	"	"	"	"	"	TO-14

SunStar Laboratories, Inc.

Daniel J Chavez

Daniel Chavez, Project Manager

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Partner Engineering & Science, Inc.--Oakland	Project: 1919 Market St., Oakland, CA	
1017 22nd Ave. Suite 107	Project Number: 16-155080.3	**Reported:**
Oakland CA, 94606	Project Manager: Joe Mangine	04/15/16 16:19

B3-SG-5

T160734-03 (Air)

SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
TO-15									
Methylene chloride	ND	180	ug/m³ Air	1.57	6041333	04/13/16	04/15/16	TO-15	TO-14
Styrene	ND	220	"	"	"	"	"	"	TO-14
1,1,2,2-Tetrachloroethane	ND	350	"	"	"	"	"	"	TO-14
Tetrahydrofuran	ND	150	"	"	"	"	"	"	TO-14
Tetrachloroethene	**2200**	350	"	"	"	"	"	"	TO-14
1,1,2-Trichloroethane	ND	280	"	"	"	"	"	"	TO-14
1,1,1-Trichloroethane	ND	280	"	"	"	"	"	"	TO-14
Trichloroethene	**880**	270	"	"	"	"	"	"	TO-14
Trichlorofluoromethane	ND	290	"	"	"	"	"	"	TO-14
1,3,5-Trimethylbenzene	ND	250	"	"	"	"	"	"	TO-14
1,2,4-Trimethylbenzene	ND	250	"	"	"	"	"	"	TO-14
Vinyl acetate	ND	180	"	"	"	"	"	"	TO-14
Vinyl chloride	ND	130	"	"	"	"	"	"	TO-14
1,4-Dioxane	ND	180	"	"	"	"	"	"	TO-14
2-Butanone (MEK)	ND	150	"	"	"	"	"	"	TO-14
Methyl isobutyl ketone	ND	210	"	"	"	"	"	"	TO-14
Benzene	ND	160	"	"	"	"	"	"	TO-14
Toluene	ND	190	"	"	"	"	"	"	TO-14
Ethylbenzene	ND	220	"	"	"	"	"	"	TO-14
m,p-Xylene	ND	220	"	"	"	"	"	"	TO-14
o-Xylene	ND	220	"	"	"	"	"	"	TO-14

SunStar Laboratories, Inc.

Daniel J Chavez

Daniel Chavez, Project Manager

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Partner Engineering & Science, Inc.--Oakland	Project: 1919 Market St., Oakland, CA	
1017 22nd Ave. Suite 107	Project Number: 16-155080.3	**Reported:**
Oakland CA, 94606	Project Manager: Joe Mangine	04/15/16 16:19

B4-SG-5

T160734-04 (Air)

SunStar Laboratories, Inc.

TO-15

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Acetone	ND	120	ug/m³ Air	1.6	6041333	04/13/16	04/15/16	TO-15	TO-14
1,3-Butadiene	ND	110	"	"	"	"	"	"	TO-14
Carbon Disulfide	ND	160	"	"	"	"	"	"	TO-14
1,1,2-trichloro-1,2,2-trifluoroethane (CFC 113)	ND	390	"	"	"	"	"	"	TO-14
Isopropyl alcohol	ND	130	"	"	"	"	"	"	TO-14
Bromodichloromethane	ND	340	"	"	"	"	"	"	TO-14
Bromoform	ND	530	"	"	"	"	"	"	TO-14
Bromomethane	ND	200	"	"	"	"	"	"	TO-14
Carbon tetrachloride	ND	320	"	"	"	"	"	"	TO-14
Chlorobenzene	ND	230	"	"	"	"	"	"	TO-14
Chloroethane	ND	130	"	"	"	"	"	"	TO-14
Chloroform	**910**	250	"	"	"	"	"	"	TO-14
Chloromethane	ND	110	"	"	"	"	"	"	TO-14
Cyclohexane	ND	170	"	"	"	"	"	"	TO-14
Heptane	ND	210	"	"	"	"	"	"	TO-14
Hexane	ND	180	"	"	"	"	"	"	TO-14
Dibromochloromethane	ND	430	"	"	"	"	"	"	TO-14
1,2-Dibromoethane (EDB)	ND	390	"	"	"	"	"	"	TO-14
1,2-Dichlorobenzene	ND	310	"	"	"	"	"	"	TO-14
1,3-Dichlorobenzene	ND	310	"	"	"	"	"	"	TO-14
1,4-Dichlorobenzene	ND	310	"	"	"	"	"	"	TO-14
Dichlorodifluoromethane	ND	250	"	"	"	"	"	"	TO-14
1,1-Dichloroethane	ND	210	"	"	"	"	"	"	TO-14
1,2-Dichloroethane	ND	210	"	"	"	"	"	"	TO-14
1,1-Dichloroethene	ND	200	"	"	"	"	"	"	TO-14
cis-1,2-Dichloroethene	ND	200	"	"	"	"	"	"	TO-14
trans-1,2-Dichloroethene	ND	200	"	"	"	"	"	"	TO-14
1,2-Dichloropropane	ND	240	"	"	"	"	"	"	TO-14
cis-1,3-Dichloropropene	ND	230	"	"	"	"	"	"	TO-14
trans-1,3-Dichloropropene	ND	230	"	"	"	"	"	"	TO-14
4-Ethyltoluene	ND	250	"	"	"	"	"	"	TO-14

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Daniel J Chavez

Daniel Chavez, Project Manager

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1017 22nd Ave. Suite 107	Project Number: 16-155080.3	**Reported:**
Oakland CA, 94606	Project Manager: Joe Mangine	04/15/16 16:19

B4-SG-5

T160734-04 (Air)

SunStar Laboratories, Inc.

TO-15

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Methylene chloride	ND	180	ug/m³ Air	1.6	6041333	04/13/16	04/15/16	TO-15	TO-14
Styrene	ND	220	"	"	"	"	"	"	TO-14
1,1,2,2-Tetrachloroethane	ND	350	"	"	"	"	"	"	TO-14
Tetrahydrofuran	ND	150	"	"	"	"	"	"	TO-14
Tetrachloroethene	ND	350	"	"	"	"	"	"	TO-14
1,1,2-Trichloroethane	ND	280	"	"	"	"	"	"	TO-14
1,1,1-Trichloroethane	ND	280	"	"	"	"	"	"	TO-14
Trichloroethene	ND	270	"	"	"	"	"	"	TO-14
Trichlorofluoromethane	ND	290	"	"	"	"	"	"	TO-14
1,3,5-Trimethylbenzene	ND	250	"	"	"	"	"	"	TO-14
1,2,4-Trimethylbenzene	ND	250	"	"	"	"	"	"	TO-14
Vinyl acetate	ND	180	"	"	"	"	"	"	TO-14
Vinyl chloride	ND	130	"	"	"	"	"	"	TO-14
1,4-Dioxane	ND	180	"	"	"	"	"	"	TO-14
2-Butanone (MEK)	ND	150	"	"	"	"	"	"	TO-14
Methyl isobutyl ketone	ND	210	"	"	"	"	"	"	TO-14
Benzene	ND	160	"	"	"	"	"	"	TO-14
Toluene	ND	190	"	"	"	"	"	"	TO-14
Ethylbenzene	ND	220	"	"	"	"	"	"	TO-14
m,p-Xylene	ND	220	"	"	"	"	"	"	TO-14
o-Xylene	ND	220	"	"	"	"	"	"	TO-14

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1017 22nd Ave. Suite 107	Project Number: 16-155080.3	**Reported:**
Oakland CA, 94606	Project Manager: Joe Mangine	04/15/16 16:19

B5-SG-5

T160734-05 (Air)

SunStar Laboratories, Inc.

TO-15

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Acetone	ND	12	ug/m³ Air	1.6	6041333	04/13/16	04/14/16	TO-15	
1,3-Butadiene	ND	4.5	"	"	"	"	"	"	
Carbon Disulfide	ND	3.2	"	"	"	"	"	"	
1,1,2-trichloro-1,2,2-trifluoroethane (CFC 113)	ND	7.7	"	"	"	"	"	"	
Isopropyl alcohol	ND	13	"	"	"	"	"	"	
Bromodichloromethane	ND	6.8	"	"	"	"	"	"	
Bromoform	ND	11	"	"	"	"	"	"	
Bromomethane	ND	4.0	"	"	"	"	"	"	
Carbon tetrachloride	**19**	6.4	"	"	"	"	"	"	
Chlorobenzene	ND	4.7	"	"	"	"	"	"	
Chloroethane	ND	2.7	"	"	"	"	"	"	
Chloroform	**11**	5.0	"	"	"	"	"	"	
Chloromethane	ND	11	"	"	"	"	"	"	
Cyclohexane	ND	3.5	"	"	"	"	"	"	
Heptane	**6.7**	4.2	"	"	"	"	"	"	
Hexane	ND	3.6	"	"	"	"	"	"	
Dibromochloromethane	ND	8.7	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	7.8	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	6.1	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	6.1	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	6.1	"	"	"	"	"	"	
Dichlorodifluoromethane	ND	5.0	"	"	"	"	"	"	
1,1-Dichloroethane	ND	4.1	"	"	"	"	"	"	
1,2-Dichloroethane	ND	4.1	"	"	"	"	"	"	
1,1-Dichloroethene	ND	4.0	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	4.0	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	4.0	"	"	"	"	"	"	
1,2-Dichloropropane	ND	4.7	"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	4.6	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	4.6	"	"	"	"	"	"	
4-Ethyltoluene	ND	5.0	"	"	"	"	"	"	

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Oakland CA, 94606	Project Manager: Joe Mangine	04/15/16 16:19

B5-SG-5

T160734-05 (Air)

SunStar Laboratories, Inc.

TO-15

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Methylene chloride	ND	3.5	ug/m³ Air	1.6	6041333	04/13/16	04/14/16	TO-15	
Styrene	ND	4.3	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	7.0	"	"	"	"	"	"	
Tetrahydrofuran	ND	3.0	"	"	"	"	"	"	
Tetrachloroethene	**190**	6.9	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	5.6	"	"	"	"	"	"	
1,1,1-Trichloroethane	**46**	5.6	"	"	"	"	"	"	
Trichloroethene	ND	5.5	"	"	"	"	"	"	
Trichlorofluoromethane	ND	5.7	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	5.0	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	5.0	"	"	"	"	"	"	
Vinyl acetate	ND	3.6	"	"	"	"	"	"	
Vinyl chloride	ND	2.6	"	"	"	"	"	"	
1,4-Dioxane	ND	18	"	"	"	"	"	"	
2-Butanone (MEK)	ND	15	"	"	"	"	"	"	
Methyl isobutyl ketone	ND	42	"	"	"	"	"	"	
Benzene	ND	3.3	"	"	"	"	"	"	
Toluene	ND	3.8	"	"	"	"	"	"	
Ethylbenzene	ND	4.4	"	"	"	"	"	"	
m,p-Xylene	ND	8.8	"	"	"	"	"	"	
o-Xylene	ND	4.4	"	"	"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*72.0 %*		*40-160*	"	"	"	"	

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Daniel Chavez, Project Manager

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Oakland CA, 94606	Project Manager: Joe Mangine	04/15/16 16:19

B3-SG-5D

T160734-06 (Air)

SunStar Laboratories, Inc.

TO-15

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Acetone	ND	12	ug/m³ Air	1.58	6041333	04/13/16	04/14/16	TO-15	
1,3-Butadiene	ND	4.5	"	"	"	"	"	"	
Carbon Disulfide	ND	3.2	"	"	"	"	"	"	
1,1,2-trichloro-1,2,2-trifluoroethane (CFC 113)	ND	7.7	"	"	"	"	"	"	
Isopropyl alcohol	**4000**	13	"	"	"	"	"	"	
Bromodichloromethane	ND	6.8	"	"	"	"	"	"	
Bromoform	ND	11	"	"	"	"	"	"	
Bromomethane	ND	4.0	"	"	"	"	"	"	
Carbon tetrachloride	ND	6.4	"	"	"	"	"	"	
Chlorobenzene	ND	4.7	"	"	"	"	"	"	
Chloroethane	ND	2.7	"	"	"	"	"	"	
Chloroform	ND	5.0	"	"	"	"	"	"	
Chloromethane	ND	11	"	"	"	"	"	"	
Cyclohexane	ND	3.5	"	"	"	"	"	"	
Heptane	ND	4.2	"	"	"	"	"	"	
Hexane	ND	3.6	"	"	"	"	"	"	
Dibromochloromethane	ND	8.7	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	7.8	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	6.1	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	6.1	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	6.1	"	"	"	"	"	"	
Dichlorodifluoromethane	ND	5.0	"	"	"	"	"	"	
1,1-Dichloroethane	ND	4.1	"	"	"	"	"	"	
1,2-Dichloroethane	ND	4.1	"	"	"	"	"	"	
1,1-Dichloroethene	ND	4.0	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	4.0	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	4.0	"	"	"	"	"	"	
1,2-Dichloropropane	ND	4.7	"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	4.6	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	4.6	"	"	"	"	"	"	
4-Ethyltoluene	ND	5.0	"	"	"	"	"	"	

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1017 22nd Ave. Suite 107	Project Number: 16-155080.3	**Reported:**
Oakland CA, 94606	Project Manager: Joe Mangine	04/15/16 16:19

B3-SG-5D

T160734-06 (Air)

SunStar Laboratories, Inc.

TO-15

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Methylene chloride	ND	3.5	ug/m³ Air	1.58	6041333	04/13/16	04/14/16	TO-15	
Styrene	ND	4.3	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	7.0	"	"	"	"	"	"	
Tetrahydrofuran	ND	3.0	"	"	"	"	"	"	
Tetrachloroethene	**17**	6.9	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	5.6	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	5.6	"	"	"	"	"	"	
Trichloroethene	**30**	5.5	"	"	"	"	"	"	
Trichlorofluoromethane	ND	5.7	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	5.0	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	5.0	"	"	"	"	"	"	
Vinyl acetate	ND	3.6	"	"	"	"	"	"	
Vinyl chloride	ND	2.6	"	"	"	"	"	"	
1,4-Dioxane	ND	18	"	"	"	"	"	"	
2-Butanone (MEK)	ND	15	"	"	"	"	"	"	
Methyl isobutyl ketone	ND	42	"	"	"	"	"	"	
Benzene	ND	3.3	"	"	"	"	"	"	
Toluene	ND	3.8	"	"	"	"	"	"	
Ethylbenzene	ND	4.4	"	"	"	"	"	"	
m,p-Xylene	ND	8.8	"	"	"	"	"	"	
o-Xylene	ND	4.4	"	"	"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*74.9 %*	*40-160*		"	"	"	"	

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Daniel J Chavez

Daniel Chavez, Project Manager

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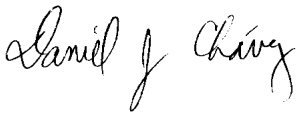
1017 22nd Ave. Suite 107	Project Number: 16-155080.3	**Reported:**
Oakland CA, 94606	Project Manager: Joe Mangine	04/15/16 16:19

TO-15 - Quality Control

SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 6041333 - Canister Analysis										
Blank (6041333-BLK1)				Prepared: 04/13/16 Analyzed: 04/15/16						
Acetone	ND	120	ug/m³ Air							TO-14
1,3-Butadiene	ND	110	"							TO-14
Carbon Disulfide	ND	160	"							TO-14
1,1,2-trichloro-1,2,2-trifluoroethane (CFC 113)	ND	390	"							TO-14
Isopropyl alcohol	ND	130	"							TO-14
Bromodichloromethane	ND	340	"							TO-14
Bromoform	ND	530	"							TO-14
Bromomethane	ND	200	"							TO-14
Carbon tetrachloride	ND	320	"							TO-14
Chlorobenzene	ND	230	"							TO-14
Chloroethane	ND	130	"							TO-14
Chloroform	ND	250	"							TO-14
Chloromethane	ND	110	"							TO-14
Cyclohexane	ND	170	"							TO-14
Heptane	ND	210	"							TO-14
Hexane	ND	180	"							TO-14
Dibromochloromethane	ND	430	"							TO-14
1,2-Dibromoethane (EDB)	ND	390	"							TO-14
1,2-Dichlorobenzene	ND	310	"							TO-14
1,3-Dichlorobenzene	ND	310	"							TO-14
1,4-Dichlorobenzene	ND	310	"							TO-14
Dichlorodifluoromethane	ND	250	"							TO-14
1,1-Dichloroethane	ND	210	"							TO-14
1,2-Dichloroethane	ND	210	"							TO-14
1,1-Dichloroethene	ND	200	"							TO-14
cis-1,2-Dichloroethene	ND	200	"							TO-14
trans-1,2-Dichloroethene	ND	200	"							TO-14
1,2-Dichloropropane	ND	240	"							TO-14
cis-1,3-Dichloropropene	ND	230	"							TO-14
trans-1,3-Dichloropropene	ND	230	"							TO-14
4-Ethyltoluene	ND	250	"							TO-14
Methylene chloride	ND	180	"							TO-14
Styrene	ND	220	"							TO-14
1,1,2,2-Tetrachloroethane	ND	350	"							TO-14
Tetrahydrofuran	ND	150	"							TO-14

SunStar Laboratories, Inc.



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1017 22nd Ave. Suite 107	Project Number: 16-155080.3	**Reported:**
Oakland CA, 94606	Project Manager: Joe Mangine	04/15/16 16:19

TO-15 - Quality Control

SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 6041333 - Canister Analysis										
Blank (6041333-BLK1)				Prepared: 04/13/16 Analyzed: 04/15/16						
Tetrachloroethene	ND	350	ug/m³ Air							TO-14
1,1,2-Trichloroethane	ND	280	"							TO-14
1,1,1-Trichloroethane	ND	280	"							TO-14
Trichloroethene	ND	270	"							TO-14
Trichlorofluoromethane	ND	290	"							TO-14
1,3,5-Trimethylbenzene	ND	250	"							TO-14
1,2,4-Trimethylbenzene	ND	250	"							TO-14
Vinyl acetate	ND	180	"							TO-14
Vinyl chloride	ND	130	"							TO-14
1,4-Dioxane	ND	180	"							TO-14
2-Butanone (MEK)	ND	150	"							TO-14
Methyl isobutyl ketone	ND	210	"							TO-14
Benzene	ND	160	"							TO-14
Toluene	ND	190	"							TO-14
Ethylbenzene	ND	220	"							TO-14
m,p-Xylene	ND	220	"							TO-14
o-Xylene	ND	220	"							TO-14
Duplicate (6041333-DUP1)				**Source: T160734-01** Prepared: 04/13/16 Analyzed: 04/14/16						
Acetone	ND	12	ug/m³ Air		ND			30		DUP-01
1,3-Butadiene	ND	4.5	"		ND			30		
Carbon Disulfide	ND	3.2	"		ND			30		
1,1,2-trichloro-1,2,2-trifluoroethane (CFC 113)	ND	7.7	"		ND			30		
Isopropyl alcohol	ND	13	"		ND			30		
Bromodichloromethane	ND	6.8	"		ND			30		
Bromoform	ND	11	"		ND			30		
Bromomethane	ND	4.0	"		ND			30		
Carbon tetrachloride	ND	6.4	"		ND			30		
Chlorobenzene	ND	4.7	"		ND			30		
Chloroethane	ND	2.7	"		ND			30		
Chloroform	ND	5.0	"		ND			30		
Chloromethane	ND	11	"		ND			30		
Cyclohexane	ND	3.5	"		ND			30		
Heptane	ND	4.2	"		ND			30		
Hexane	ND	3.6	"		ND			30		

SunStar Laboratories, Inc.

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Daniel Chavez, Project Manager

SunStar Laboratories, Inc.
PROVIDING QUALITY ANALYTICAL SERVICES NATIONWIDE

25712 Commercentre Drive
Lake Forest, California 92630
949.297.5020 Phone
949.297.5027 Fax

Partner Engineering & Science, Inc.--Oakland	Project: 1919 Market St., Oakland, CA	
1017 22nd Ave. Suite 107	Project Number: 16-155080.3	**Reported:**
Oakland CA, 94606	Project Manager: Joe Mangine	04/15/16 16:19

TO-15 - Quality Control

SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 6041333 - Canister Analysis										
Duplicate (6041333-DUP1)	**Source: T160734-01**		Prepared: 04/13/16 Analyzed: 04/14/16							
Dibromochloromethane	ND	8.7	ug/m³ Air		ND				30	
1,2-Dibromoethane (EDB)	ND	7.8	"		ND				30	
1,2-Dichlorobenzene	ND	6.1	"		ND				30	
1,3-Dichlorobenzene	ND	6.1	"		ND				30	
1,4-Dichlorobenzene	ND	6.1	"		ND				30	
Dichlorodifluoromethane	ND	5.0	"		ND				30	
1,1-Dichloroethane	ND	4.1	"		ND				30	
1,2-Dichloroethane	ND	4.1	"		ND				30	
1,1-Dichloroethene	ND	4.0	"		ND				30	
cis-1,2-Dichloroethene	ND	4.0	"		ND				30	
trans-1,2-Dichloroethene	ND	4.0	"		ND				30	
1,2-Dichloropropane	ND	4.7	"		ND				30	
cis-1,3-Dichloropropene	ND	4.6	"		ND				30	
trans-1,3-Dichloropropene	ND	4.6	"		ND				30	
4-Ethyltoluene	ND	5.0	"		ND				30	
Methylene chloride	ND	3.5	"		ND				30	
Styrene	ND	4.3	"		ND				30	
1,1,2,2-Tetrachloroethane	ND	7.0	"		ND				30	
Tetrahydrofuran	ND	3.0	"		ND				30	
Tetrachloroethene	25.6	6.9	"		24.8			3.15	30	
1,1,2-Trichloroethane	ND	5.6	"		ND				30	
1,1,1-Trichloroethane	ND	5.6	"		ND				30	
Trichloroethene	153	5.5	"		152			0.765	30	
Trichlorofluoromethane	ND	5.7	"		ND				30	
1,3,5-Trimethylbenzene	ND	5.0	"		ND				30	
1,2,4-Trimethylbenzene	ND	5.0	"		ND				30	
Vinyl acetate	ND	3.6	"		ND				30	
Vinyl chloride	ND	2.6	"		ND				30	
1,4-Dioxane	ND	18	"		ND				30	
2-Butanone (MEK)	ND	15	"		ND				30	
Methyl isobutyl ketone	ND	42	"		ND				30	
Benzene	ND	3.3	"		ND				30	
Toluene	ND	3.8	"		ND				30	
Ethylbenzene	ND	4.4	"		ND				30	
m,p-Xylene	ND	8.8	"		ND				30	
o-Xylene	ND	4.4	"		ND				30	

SunStar Laboratories, Inc.

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Partner Engineering & Science, Inc.--Oakland	Project: 1919 Market St., Oakland, CA	
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Oakland CA, 94606	Project Manager: Joe Mangine	04/15/16 16:19

TO-15 - Quality Control

SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 6041333 - Canister Analysis										
Duplicate (6041333-DUP1)	**Source: T160734-01**			Prepared: 04/13/16 Analyzed: 04/14/16						
Surrogate: 4-Bromofluorobenzene	*33.2*		*ug/m³ Air*	*45.3*		*73.4*	*40-160*			

SunStar Laboratories, Inc.

Daniel J Chavez

Daniel Chavez, Project Manager

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25712 Commercentre Drive
Lake Forest, California 92630
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Partner Engineering & Science, Inc.--Oakland	Project: 1919 Market St., Oakland, CA	
1017 22nd Ave. Suite 107	Project Number: 16-155080.3	**Reported:**
Oakland CA, 94606	Project Manager: Joe Mangine	04/15/16 16:19

Notes and Definitions

TO-14	TO-15 analysis of sample was not performed due to high concentration of analyte(s). Sample was analyzed utilizing method TO-14 and reporting limit has been adjusted accordingly.
DUP-01	The RPD result exceeded the QC control limits for this analyte; sample results for the QC batch were accepted based on percent recoveries and completeness of QC data.
DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
dry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference

SunStar Laboratories, Inc.

Daniel J Chavez

Daniel Chavez, Project Manager

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AIR LABORATORY

Chain of Custody Record

SunStar Laboratories, Inc.
PROVIDING QUALITY ANALYTICAL SERVICES NATIONWIDE
25712 Commercentre Drive, Lake Forest, CA 92630
949-297-5020

Client: Partner ESI
Address: 1017 22nd Avenue, Oakland, CA 94606
Phone: (510) 431-6263 Fax:
Project Manager: Joe Mangine

Date: 4/11/2016 Page: 1 Of 1
Project Name: 1919 Market
Collector: Nathan Maroon Client Project #: 16-155080.3
Batch #: T160734 EDF #:

Sample ID	Date Sampled	Start Time	Finish Time	Sample Type: Soil Gas / Indoor Air	Container Type: Summa Can / Tedlar	Initial Pressure	Final Pressure	TO-3	TO-14	TO-15	8015m Methane	8015m Gasoline	Fixed Gases by TCD		Summa Can # / Comments	Laboratory ID #
B1-SG-5	4/11/16	1553	1600	SG	Summa	-29	-4			X					341	01
B2-SG-5	4/11/16	1624	1631			-29	-3			X					670	02
B3-SG-5	4/11/16	1610	1615			-27	-4			X					387	03
B4-SG-5	4/11/16	1524	1532			-29	-3			X					422	04
B5-SG-5	4/11/16	1508	1513			-20	-4			X					647	05
B3-SG-5D	4/11/16	1610	1615	↓	↓	-27	-4			X					423	06

Relinquished by: (signature)	Date / Time	Received by: (signature)	Date / Time
Nathan Maroon	4/12/16 10:17am	AQ Stevens	4/12/16 1017
GSO	4/13/16 8:50		4/13/16 8:50

Total # of containers
Chain of Custody seals (Y)/N/NA
Seals intact? (Y)/N/NA
Received good condition/cold

Turn around time: 72 hour

Notes
72 hour rush TAT

72 HRS

* TO-15 SIM analysis available upon prior notification. **(Precertified Summa cans needed)**

COCAL 146224

SunStar Laboratories, Inc.
PROVIDING QUALITY ANALYTICAL SERVICES NATIONWIDE

SAMPLE RECEIVING REVIEW SHEET

Batch/Work Order #: 1160724

Client Name: PARTNER - OAK. Project: 1919 MARKET ST., OAKLAND, CA

Delivered by: ☐ Client ☐ SunStar Courier ☒ GSO ☐ FedEx ☐ Other

If Courier, Received by: Date/Time Courier Received:

Lab Received by: SUNNY Date/Time Lab Received: 4.13.16 / 8:50

Total number of coolers received: 0

Temperature: Cooler #1	- °C +/- the CF (- 0.2°C)	= -	°C corrected temperature
Temperature: Cooler #2	°C +/- the CF (- 0.2°C)	=	°C corrected temperature
Temperature: Cooler #3	°C +/- the CF (- 0.2°C)	=	°C corrected temperature
Temperature criteria = ≤ 6°C (no frozen containers)	Within criteria?		☐ **Yes** ☐ **No**
If NO:			
Samples received on ice?	☐ Yes		☐ **No → Complete Non-Conformance Sheet**
If on ice, samples received same day collected?	☐ Yes → Acceptable		☐ **No → Complete Non-Conformance Sheet**

Custody seals intact on cooler/sample	☒ Yes	☐ No*	☐ N/A
Sample containers intact	☒ Yes	☐ No*	
Sample labels match Chain of Custody IDs	☒ Yes	☐ No*	
Total number of containers received match COC	☒ Yes	☐ No*	
Proper containers received for analyses requested on COC	☒ Yes	☐ No*	
Proper preservative indicated on COC/containers for analyses requested	☐ Yes	☐ No*	☒ N/A
Complete shipment received in good condition with correct temperatures, containers, labels, volumes preservatives and within method specified holding times	☒ **Yes**	☐ **No***	

* Complete Non-Conformance Receiving Sheet if checked

Cooler/Sample Review - Initials and date: SL 4.13.16

Comments:

(949) 297-5020 ■ www.sunstarlabs.com ■ 25712 Commercentre Drive ■ Lake Forest, CA 92630

SunStar Laboratories, Inc.
PROVIDING QUALITY ANALYTICAL SERVICES NATIONWIDE

Project Name:				
Company: Partner ESI		Name: Joe Mangine		
		Phone: 831-359-5041		
Item		Quantity		Unit
2 oz Jars 24/CS				
4 oz Jars 24/CS				
8 oz Jars 12/CS				
40 ml unpreserved VOAs 100/box				
40 ml HCL-preserved VOAs 72/box				
250 ml Poly 24/CS				
1 Liter Poly 12/CS				
500 ml Poly 16/CS				
500 ml Amber Bottle Wide 12/CS				
1 Liter Amber Bottle 12/CS				
1 Gallon Poly 4/box				
5035 kits:(2)Sodium Bisulfate VOAs 72/box				
	(1) Methanol VOA 72/box			
	(1)Syringe 50/pack			
Lock-N-Load Handle 1/pack				
Tedlar Bags 10/pack				
Manifold, Inst. Sampler, Variable Sampler		2 (150-Manifolds) 1 (Duplicate)		CHARGE - 2
Sub Slab Insert w/ washer & N/F				
Soil Gas SS 16" Drop Tubes				
Gas Extraction Fittings				
Soil Gas Filters				
		# SENT	USED	UNUSED
Batch Certified Summa Canisters	400cc			
	1L	13 (5-Purge)	6	2
	3L			
	6L			
Individually Certified Summa Canisters	400cc			
	1L			
	3L			
	6L			
Cooler (Sm, Med, Lrg) Number & Quantity				
Swagelok Fittings: Nuts/Ferrules, Ts		8 (Nuts & Ferrules)		CHARGE - 5 / 3 RET.
Other: Poly Tube, Valves,Silicon Tape, etc.				
Prepared By: Aaron		Date: 4/6/16		
Reviewed By:		Date :		

Asset Check-In Receipt

SunStar Laboratories Inc.

Check-In Date: 4/13/2016

User Name: Lounethone, Sunny

Asset Tag	Asset Type	Serial No	Location	Customer No.	Customer Name
P 0075	1000cc: 1000cc Summa	0075	Sunstar Labs, Tustin Air Lab	Partner ESI-Joe	Joe Mangine
P 0288	1000cc: 1000cc Summa	0288	Sunstar Labs, Lake Forest Air Lab	Partner ESI-Joe	Joe Mangine
0332 - UNUSED	1000cc: 1000cc Summa	0332	Sunstar Labs, Lake Forest Air Lab	Partner ESI-Joe	Joe Mangine
0341	1000cc: 1000cc Summa	0341	Sunstar Labs, Lake Forest Air Lab	Partner ESI-Joe	Joe Mangine
P 0361	1000cc: 1000cc Summa	0361	Sunstar Labs, Lake Forest Air Lab	Partner ESI-Joe	Joe Mangine
0387	1000cc: 1000cc Summa	0387	Sunstar Labs, Lake Forest Air Lab	Partner ESI-Joe	Joe Mangine
0422	1000cc: 1000cc Summa	0422	Sunstar Labs, Tustin Air Lab	Partner ESI-Joe	Joe Mangine
0423	1000cc: 1000cc Summa	0423	Sunstar Labs, Tustin Air Lab	Partner ESI-Joe	Joe Mangine
0425 - UNUSED	1000cc: 1000cc Summa	0425	Sunstar Labs, Tustin Air Lab	Partner ESI-Joe	Joe Mangine
P 0493	1000cc: 1000cc Summa	0493	Sunstar Labs, Lake Forest Air Lab	Partner ESI-Joe	Joe Mangine
2047	Vapor Manifold: Vapor Manifold	2047	Sunstar Labs, Lake Forest Air Lab	Partner ESI-Joe	Joe Mangine
2067	Vapor Manifold: Vapor Manifold	2067	Sunstar Labs, Lake Forest Air Lab	Partner ESI-Joe	Joe Mangine
3001	Duplicate Sampler	3001	Sunstar Labs, SunStar Labs - South	Partner ESI-Joe	Joe Mangine
P 632	1000cc: 1000cc Summa		Sunstar Labs, Tustin Air Lab	Partner ESI-Joe	Joe Mangine
647	1000cc: 1000cc Summa		Sunstar Labs, Tustin Air Lab	Partner ESI-Joe	Joe Mangine
670	1000cc: 1000cc Summa		Sunstar Labs, Tustin Air Lab	Partner ESI-Joe	Joe Mangine

SunStar Laboratories, Inc.
PROVIDING QUALITY ANALYTICAL SERVICES NATIONWIDE

WORK ORDER

T160734

Client: **Partner Engineering & Science, Inc.--Oakland** **Project Manager:** **Daniel Chavez**
Project: **1919 Market St., Oakland, CA** **Project Number:** **16-155080.3**

Report To:
Partner Engineering & Science, Inc.--Oakland
Joe Mangine
1017 22nd Ave. Suite 107
Oakland, CA 94606

Date Due:	04/15/16 15:00 (2 day TAT)		
Received By:	Sunny Lounethone	Date Received:	04/13/16 08:50
Logged In By:	Sunny Lounethone	Date Logged In:	04/13/16 09:35

Samples Received at:

Custody Seals	Yes	Received On Ice	No
Containers Intact	Yes		
COC/Labels Agree	Yes		
Preservation Confirı	No		

Analysis	Due	TAT	Expires	Comments
T160734-01 B1-SG-5 [Air] Sampled 04/11/16 15:53 (GMT-08:00) Pacific Time (US &				
TO-15	04/15/16 15:00	2	05/11/16 15:53	
T160734-02 B2-SG-5 [Air] Sampled 04/11/16 16:31 (GMT-08:00) Pacific Time (US &				
TO-15	04/15/16 15:00	2	05/11/16 16:31	
T160734-03 B3-SG-5 [Air] Sampled 04/11/16 16:15 (GMT-08:00) Pacific Time (US &				
TO-15	04/15/16 15:00	2	05/11/16 16:15	
T160734-04 B4-SG-5 [Air] Sampled 04/11/16 15:32 (GMT-08:00) Pacific Time (US &				
TO-15	04/15/16 15:00	2	05/11/16 15:32	
T160734-05 B5-SG-5 [Air] Sampled 04/11/16 15:13 (GMT-08:00) Pacific Time (US &				
TO-15	04/15/16 15:00	2	05/11/16 15:13	
T160734-06 B3-SG-5D [Air] Sampled 04/11/16 16:15 (GMT-08:00) Pacific Time (US &				
TO-15	04/15/16 15:00	2	05/11/16 16:15	

Reviewed By Date